

LEDVANCE.COM



LEDVANCE



LED IS LEDVANCE
PROFESSIONAL LED LAMPS
NOW BEAR OUR NAME

THE ENTIRE RANGE OF LED LAMPS AT A GLANCE

LED LAMPS FROM LEDVANCE

March 2023



LEDVANCE: ADVANCING LIGHT

BAD LIGHT, CAN'T SEE A WAY FORWARD? BE EAGLE-EYED AND RELY ON LEDVANCE.

With over 100 years of experience in general lighting, LEDVANCE combines traditional lighting technology with pioneering lighting innovations for almost any application. In addition to this unique know-how, we particularly rely on long-term customer relationships and a strong global sales network.

As technology trend experts, we are leading the way in meeting the rapidly changing demands for high-quality and long-lasting light. And as a strong local partner, we are always reliably at your side in over 140 countries.

Whether it's luminaires, lamps, our LED Strip System or state-of-the-art light management solutions, our teams of specialists are focused on the specific needs of our customers. We are making a decisive contribution to increasing your competitiveness with technical innovations and easy-to-use, intelligent lighting solutions compliant with EU regulations.

True to our slogan of "Advancing Light", we offer you EU-compliant and therefore future-proof LED alternatives for just about every situation. We also make switching to LED lighting really straightforward, for example by offering our professional lamps in the future under our own name throughout the EU. So you and your customers just need to remember one thing: if it says LEDVANCE on the packaging, you know the lamp inside will be efficient, future-proof and of high quality.

But the most important thing is that our portfolio, our sales support and our service will give you a crucial competitive advantage in the fight against bad light – today and tomorrow.

LED IS LEDVANCE. You can count on us.



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The pictures in the brochure are for illustration purposes only. All the technical parameters apply to the entire LED module. In view of the complex manufacturing process for light emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values.



LED IS LEDVANCE

PROFESSIONAL LED LAMPS NOW BEAR OUR NAME

The continuous change in the lighting market requires us all to act determined, efficiently and sustainably. That's why we're making the transition to innovative LED technology easier than ever for you. Since we are now offering our professional range of lamps under our own name throughout the EU, you only need to remember one thing from now on: when it says LEDVANCE, the product is high quality, efficient and future-proof. It couldn't be simpler.

100 YEARS OF EXPERIENCE, 7 YEARS OF LEDVANCE

Having emerged from the general lighting division of OSRAM, LEDVANCE has established itself as a leading name in future-oriented LED solutions in just seven years. From LED lamps, luminaires and strips to light management systems and human centric lighting, LEDVANCE boasts over 100 years of lighting experience and is your reliable partner in every respect – today and tomorrow.

NEW NAME, OLD FAVORITES

The name is new – and so is the EAN. But because we have linked the new LEDVANCE LED lamps with the well-known predecessor products in our online product catalog, your “old favorites” are still very easy to find during the transition phase. And when you look at the new clear packaging layout, you will quickly see that many of our professional LED lamps have become even more powerful with the brand change. Lamps such as the VINTAGE EDITION 1906 or the LEDinestra range, which we continue to carry under the well-known and proven OSRAM brand in the residential sector, will of course continue to meet all your expectations in terms of quality, performance and efficiency.

THE SWITCH TO LED: AS EASY AS POSSIBLE

The EU’s ban on placing inefficient light sources and light sources containing hazardous substances on the market has presented the lighting industry with complex challenges – and has sealed the fluorescent lamp’s fate. Good job that LEDVANCE offers various practical solutions to make the switch to EU-compliant LED technology very simple – and also very clear – for almost every application. Because from now on all our professional lamps will bear the name LEDVANCE. But that’s not all. The classification of the lamps into SUPERIOR, PERFORMANCE and VALUE product classes, which you already know from our luminaires, as well as a clear nomenclature with all important product information allow you to quickly and reliably choose the right lamp. That’s what we understand by Advancing Light.



Attractive and informative – this is how you’ll find our new packaging on shelves. You’ll recognize our super-efficient lamps by the brown recycled packaging.

SUPERIOR CLASS

PERFORMANCE CLASS

VALUE CLASS

LED TUBE T8 EM UO **S** 1500 mm 22.1W 840

Example of the new lamp nomenclature

SUPERIOR CLASS
Indicates the product class in line with the luminaire portfolio (P = Performance Class, V = Value Class)

SUSTAINABLE PARTNERSHIP

Future-proofing is now inextricably linked to sustainability. LEDVANCE is your competent lighting partner here too – and supports you not only with pioneering efficiency but also, for example, with products made from recycled materials or with socketed luminaire which push the trend toward replaceable components and a circular economy. Just how much success our commitment to sustainability brings is demonstrated by the silver medal awarded by EcoVadis, one of the world’s most renowned providers of sustainability assessments. Learn more about our Green Agenda at: ledvance.com/sustainability



The ambitious EcoVadis rating comprises 21 sustainability criteria in these four areas:

- Environment
- Labour and human rights
- Ethics
- Sustainable procurement



YOU HAVE THE PROBLEM. WE HAVE THE SOLUTION. PLAY IT SAFE WITH EU-COMPLIANT LED LAMPS



THE SITUATION MORE EFFICIENCY FOR OUR CLIMATE

As a measure against climate change, the EU aims to reduce CO₂ emissions in buildings by 30 % by 2030. What's more, the EU RoHS Directive is further restricting exceptions for mercury in light sources. As a result, mercury-containing and inefficient lamps may gradually no longer be placed on the market during 2023.

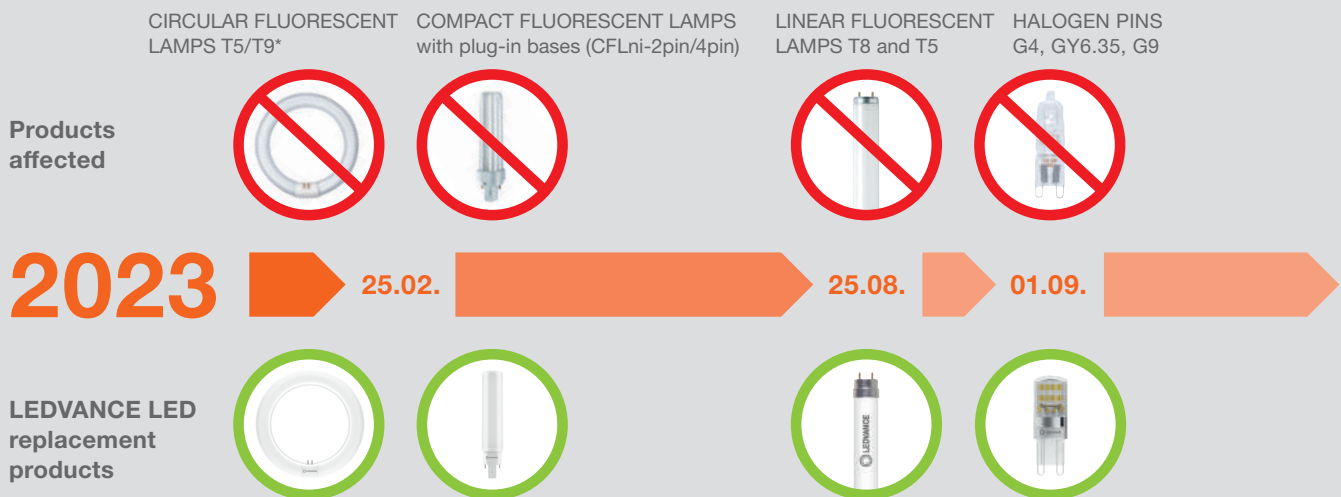


THE CHALLENGE SWITCHING TO LED

LED technology is efficient, versatile and future-proof. However, the switch from outdated T8/T5 fluorescent tubes and CFLni compact fluorescent lamps to innovative LED alternatives in existing lighting systems does not always work as a straightforward retrofit – local conditions differ too much.

GOODBYE FLUORESCENT LAMP. HELLO LED.

Fluorescent lamps have come to the end of the road. LEDVANCE offers future-proof alternatives: EU-compliant, energy-efficient and cost-effective.



*T9 phase-out by LEDVANCE



THE SOLUTION LAMP REPLACEMENT OR NEW LUMINAIRE

In LEDVANCE, you have a lighting partner at your side who offers you a convincing alternative for your situation and supports you in finding solutions – from direct replacement and rewiring to upgrades and new installations.

This gives you peace of mind for always having the right answer to lamp bans, climate change and energy shortages – and at the same time allows you to successfully participate in the market.



A detailed overview of the lamp ban 2023 can be found at:
ledvance.com/lampban2023



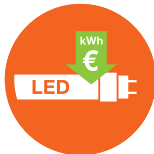
For a detailed overview go to:
ledvance.com/rohs



4 OPTIONS FOR ALL SITUATIONS – HOW TO SWITCH

SOLUTIONS WITH LED TUBES

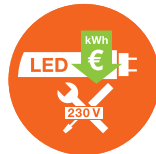
RETROFIT



Simple 1:1 replacement:

- Wide range of LED tubes for easy, quick and safe lamp replacement
- No rewiring necessary
- As a replacement for fluorescent tubes operated on CCG or compatible ECG
- Find the right LED tube in just a few steps with the Lamp Finder

CONVERSION



If there is no retrofit alternative or if the customer values maximum energy savings and low maintenance, rewiring is the solution.

1. LED tube on mains voltage:

Particularly quick and application-oriented with the conversion kit and the matching range of T8 and T5 LED tubes

2. LED TUBE EXTERNAL SYSTEM: T8/T5 LED tube and LED DRIVER EXTERNAL:

The perfect solution for switching from old fluorescent lamps and dimmable DALI control gear to efficient and dimmable LED tube technology

SOLUTIONS WITH LED LUMINAIRES

UPGRADE



Upgrade using the luminaire-in-luminaire principle:

- LINEAR MAGNETIC BATTEN T5 upgrade kit for existing T5 and T8 metal louver luminaires
- Positioning and mounting using adjustable magnets
- Quick, tool-free rewiring thanks to connector box
- Designed for use with T5 AC LED tubes
- Available in three different lengths

NEW INSTALLATION

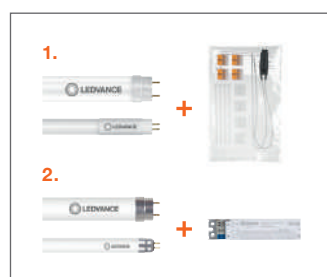


Complete replacement with modern LED luminaires:

- Large range of innovative luminaires for new construction or renovation projects
- Attractive design and high quality
- High functionality for intelligent lighting control
- Long life and maximum potential for energy savings



Go direct to Lamp Finder:
ledvance.com/lampfinder

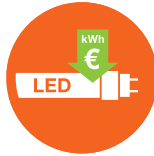


LED TUBES AND DULUX IN A CLASS OF THEIR OWN WHATEVER THE SHAPE

Whether it's for industry, offices, warehouses or any other application, LEDVANCE LED tubes and DULUX LED lamps make it particularly easy for you to switch from fluorescent lamps affected by the 2023 ban to future-proof LED technology.

That's because our portfolio contains LED alternatives for every requirement and all technical circumstances. Efficient, energy cost-saving and high-quality. But above all, easy to plan, easy to install and easy to combine.

RETROFIT



CONVERSION



| | | |
|----|------------------|--|
| 01 | LED T8 EM | |
| 02 | LED T8 UNIVERSAL | |
| 02 | LED T8 HF | |
| 03 | LED T5 HF | |
| | | 04 LED T5 AC MAINS |
| | | 05 LED TUBE EXTERNAL SYSTEM: LED TUBE T8/T5 EXTERNAL LED DRIVER EXTERNAL |
| 06 | DULUX LED | |



01

02

03 04

05

06

¹ LED TUBE T8 HF | ² LED TUBE T8 UNIVERSAL | ³ Check ECG compatibility before installation at Tube Finder: ledvance.com/tubefinder or compatibility lists: ledvance.com/ecg-compatibility

01 | LED TUBE T8 EM

The right lamp for any project. The expanded T8 EM portfolio is not only split into three product segments but also has impressive variety. For example, all types are available in the main light colors of 3 000, 4 000 and 6 500 K. SUPERIOR CLASS Ultra Output also includes 4 000 K at CRI 90 and 5 000 K. All the lamps are made of glass. Lamps in the SUPERIOR CLASS and PERFORMANCE CLASS offer shatter protection in addition.

SUPERIOR CLASS:

- **NEW:** up to 185 lm/W for Ultra Output types, Energy Efficiency Class B
- **NEW:** up to 175 lm/W for standard types
- **NEW:** ENEC certification

PERFORMANCE CLASS:

- **NEW:** up to 60 000 h lifetime
- **NEW:** up to 155 lm/W for standard types
- **NEW:** shatter protection for all types

VALUE CLASS:

- **NEW:** new Ultra Output sub-segment with up to 3 500 lm
- **NEW:** new types replacing 15 W, 30 W, 38 W



02 | LED TUBE T8 UNIVERSAL³ AND HF³

These glass tubes offer high-quality, energy savings of up to 60 % and a short payback time. T8 Universal has the flexibility to be operated on CCG, ECG and mains voltage (AC). Thanks to the expanded portfolio in the PERFORMANCE CLASS and the VALUE CLASS we offer the right LED tube for any project.

T8 HF can only be operated on ECG and offers budget-sensitive customers an attractive price-performance ratio.

- **NEW:** LED TUBE T8 HF in the PERFORMANCE CLASS with an increased lifetime of 75 000 hours provides greater economy thanks to longer maintenance cycles
- In lengths of 600 mm, 1 200 mm and 1 500 mm
- In the main light colors of 3 000 K, 4 000 K and 6 500 K



03 | LED TUBE T5 HF

The efficient, robust and shatterproof T5 HF LED TUBE is an ideal replacement for any conventional T5 fluorescent tube and can be installed quickly and easily.

- All LED TUBE T5 HF tubes are made of glass with shatter protection
- Compatible with a wide range of HF control gear (ECG)



04 | LED TUBE T5 AC MAINS

No compatibility problems, no energy losses, no costly replacement of control gear. LED TUBE T5 AC MAINS is the perfect replacement for existing T5 fluorescent tubes connected to AC mains.

- All LED TUBE T5 MAINS are made of glass with shatter protection



05 | LED TUBE EXTERNAL SYSTEM

The LED TUBE EXTERNAL SYSTEM is a lamp/driver concept. It consists of a T5 or T8 LED tube and perfectly matched external DALI-2 LED driver.

- For easy upgrades of dimmable DALI fluorescent lamp systems to LED technology
- For planning new luminaires with replaceable lighting components
- No compatibility check necessary, as the LED TUBE EXTERNAL SYSTEM is perfectly matched
- For equipping emergency lighting systems with LED tubes



06 | DULUX LED

Ideal for public buildings, stairwells, corridors and foyers: LED replacement for CFLni compact fluorescent lamps without integrated control gear with high cost effectiveness, short payback times and two to three times longer life than traditional CFLni lamps.

- **NEW:** Direct replacement for DULUX LED SQUARE EM GR8, DULUX LED D VERTICAL G24d, DULUX LED T GX24d
- Also for 230 V AC
- With energy savings of up to 60 % compared to CFLni lamps
- With good light quality and light distribution



FIND YOUR ALTERNATIVE
LED LAMP SOLUTION
Go directly to the Lamp Finder:
ledvance.com/lampfinder

HQL & NAV LED FILAMENT

NEW LIGHT FOR STREETS AND SQUARES

High efficiency and full glass bulbs with 360° light distribution make LEDVANCE HQL and NAV LED FILAMENT ideal as direct replacements for traditional mercury and sodium vapor lamps. They are suitable for operation on CCG or 230 V mains voltage, are extremely lightweight and available in 2700 K and 4000 K light colors. Other key technical data: IP65 protection, 2 kV surge protection, power factor 0.9 and life of 25 000 hours.



01 | HQL LED FILAMENT

- Very high efficiency of up to 167 lm/W
- Up to 77 % lower energy consumption than traditional HQL lamps
- Full-glass frosted bulb looks very much like traditional HQL lamps
- Thanks to 360° beam angle and form, existing luminaire reflectors can continue to be used without any problems

02 | NAV LED FILAMENT

- Extremely high efficiency of up to 190 lm/W
- Up to 63 % lower energy consumption than traditional NAV lamps
- Tubular full-glass clear bulb hardly differs from that of conventional NAV lamps
- Very similar light distribution thanks to the 360° beam angle, the reflectors of existing luminaires can be used with no problems at all



**LEDVANCE HQL LED FILAMENT:
UP TO 77 % LOWER ENERGY CONSUMPTION
THAN TRADITIONAL HQL LAMPS**



**LEDVANCE NAV LED FILAMENT:
THE DIRECT FUTURE-PROOF REPLACEMENT
FOR TRADITIONAL NAV LAMPS**



GENERAL LAMPS

HIGH-CLASS LIGHT IN A CLASSIC SHAPE

Our LED lamps in classic bulb and base shapes have more to offer than ever before, making them ideal for private homes, restaurants, hotels, relaxation areas in office buildings and waiting rooms in public buildings. Whatever the shape, wattage or type, all the lamps have one thing in common, namely top quality based on our expertise in the lighting market stretching back more than 100 years. Now's the time for you to benefit from this know-how.



01 | LED FILAMENT CLASSIC A DIM WITH EEC B

- Replacement for the entire conventional range (E27 with 40/60/75/100W)
- Available in clear and frosted versions
- Very high efficiency of up to 185 lm/W
- Up to 60% energy saving compared to a conventional LED CLASSIC A Heatsink

02 | LED FILAMENT CLASSIC B/P DIM WITH EEC C

- Replacement for conventional 40W incandescent lamps with a B or P type bulb (E14)
- Available in clear and frosted versions
- Up to 40% lower energy consumption compared to a conventional LED CLASSIC B/P Heatsink

03 | LED FILAMENT CRI 97 DIM PORTFOLIO

- Premium portfolio with very high color rendering (CRI 97)
- Pleasant, natural light
- Replacement for CLASSIC A (E27 with 40/60/75/100W) in clear and frosted versions and for CLASSIC B/P (E14 with 40W)

05 | LED MOTION SENSOR CLASSIC LAMP

- Maximum energy savings thanks to the combination of daylight and motion sensor
- The motion sensor has a 3 m and 90° detection range and also works in glass/plastic luminaires; the lamp switches off if no movement is detected for 30 seconds
- The integrated daylight sensor does not switch the lamp on when the ambient light is bright (> 20 lux)

04 | LED FACILITY CLASSIC A/E27 AND B/E14

- For facility areas like corridor, staircases or basement
- Designed for AC/DC (AC 220–240V, DC 176–250V) and emergency power systems
- Up to 500 000 switching cycles
- High switching cycle enables long lifetime when it is connected to motion sensors
- Suitable for extreme ambient temperatures (–30 to +50 °C)

LED TUBE AS A MULTIPACK LEDVANCE CONVERSION KITS

The LEDVANCE conversion kit includes all the materials you need for converting T8 or T5 lamps – including step-by-step instructions. Rewiring is quick and easy with this kit. In addition to the kit, a step-by-step guide is available as a download.

It comes in two versions for single- or double-lamp luminaires and includes:

- WAGO connectors
- Cable ties and adhesive sockets
- New blank name plate
- Pre-wired microfuse (250V T2 A)

The conversion kit is available in combination with selected LED tubes.

For further information see ledvance.com/ledtube



Product name EAN 40  LED tube information on page

Product name EAN 40  LED tube information on page

SINGLE-LAMP CONVERSION KIT

LED TUBE T8 EM Ultra Output S + conversion kit

| | | | |
|---|---------------|----|----|
| LED TUBE T8 EM UO S 1200 14W 840 KIT1 | 4099854101250 | 10 | 14 |
| LED TUBE T8 EM UO S 1500 22.2W 840 KIT1 | 4099854107818 | 10 | 14 |
| LED TUBE T8 EM UO S 1500 22.2W 865 KIT1 | 4099854107832 | 10 | 14 |

LED TUBE T8 EM S + conversion kit

| | | | |
|--------------------------------------|---------------|----|----|
| LED TUBE T8 EM S 1050 11.4W 830 KIT1 | 4099854116353 | 10 | 15 |
| LED TUBE T8 EM S 1050 11.4W 840 KIT1 | 4099854113659 | 10 | 15 |
| LED TUBE T8 EM S 1200 12W 840 KIT1 | 4099854107757 | 10 | 15 |
| LED TUBE T8 EM S 1500 17.7W 840 KIT1 | 4099854107795 | 10 | 15 |

LED TUBE T8 EM Ultra Output P + conversion kit

| | | | |
|---|---------------|----|----|
| LED TUBE T8 EM UO P 1200 15.6W 840 KIT1 | 4099854108273 | 10 | 16 |
| LED TUBE T8 EM UO P 1500 23.1W 840 KIT1 | 4099854108297 | 10 | 16 |
| LED TUBE T8 EM UO P 1500 23.1W 865 KIT1 | 4099854111945 | 10 | 16 |

LED TUBE T8 EM P + conversion kit

| | | | |
|--------------------------------------|---------------|----|----|
| LED TUBE T8 EM P 1200 13.5W 840 KIT1 | 4099854107863 | 10 | 17 |
| LED TUBE T8 EM P 1500 20W 840 KIT1 | 4099854108129 | 10 | 17 |

SINGLE-LAMP CONVERSION KIT

LED TUBE T5 AC HE P + conversion kit

| | | | |
|---|---------------|----|----|
| LED TUBE T5 AC HE21 P 849 10W 830 KIT1 | 4099854108488 | 10 | 32 |
| LED TUBE T5 AC HE28 P 1149 16W 840 KIT1 | 4099854101762 | 10 | 32 |
| LED TUBE T5 AC HE35 P 1449 18W 840 KIT1 | 4099854108501 | 10 | 32 |

LED TUBE T5 AC HO P + conversion kit

| | | | |
|---|---------------|----|----|
| LED TUBE T5 AC HO24 P 549 10W 840 KIT1 | 4099854101755 | 10 | 32 |
| LED TUBE T5 AC HO39 P 849 16W 830 KIT1 | 4099854116360 | 10 | 32 |
| LED TUBE T5 AC HO39 P 849 16W 840 KIT1 | 4099854104237 | 10 | 32 |
| LED TUBE T5 AC HO49 P 1449 26W 840 KIT1 | 4099854108358 | 10 | 32 |
| LED TUBE T5 AC HO54 P 1149 26W 830 KIT1 | 4099854108396 | 10 | 32 |
| LED TUBE T5 AC HO54 P 1149 26W 840 KIT1 | 4099854108402 | 10 | 32 |
| LED TUBE T5 AC HO80 P 1449 37W 840 KIT1 | 4099854108440 | 10 | 32 |

Product name EAN 40  LED tube information on page

Product name EAN 40  LED tube information on page

DOUBLE-LAMP CONVERSION KIT

LED TUBE T8 EM Ultra Output S + conversion kit

| | | | |
|---|---------------|---|----|
| LED TUBE T8 EM UO S 1200 14W 840 KIT2 | 4099854101267 | 5 | 14 |
| LED TUBE T8 EM UO S 1500 22.2W 840 KIT2 | 4099854107825 | 5 | 14 |
| LED TUBE T8 EM UO S 1500 22.2W 865 KIT2 | 4099854107849 | 5 | 14 |

LED TUBE T8 EM S + conversion kit

| | | | |
|--------------------------------------|---------------|---|----|
| LED TUBE T8 EM S 600 6.3W 840 KIT2 | 4099854112003 | 5 | 15 |
| LED TUBE T8 EM S 1200 12W 840 KIT2 | 4099854107740 | 5 | 15 |
| LED TUBE T8 EM S 1500 17.7W 840 KIT2 | 4099854107801 | 5 | 15 |

LED TUBE T8 EM Ultra Output P + conversion kit

| | | | |
|---|---------------|---|----|
| LED TUBE T8 EM UO P 1200 15.6W 840 KIT2 | 4099854108280 | 5 | 16 |
| LED TUBE T8 EM UO P 1500 23.1W 840 KIT2 | 4099854108303 | 5 | 16 |
| LED TUBE T8 EM UO P 1500 23.1W 865 KIT2 | 4099854111952 | 5 | 16 |

LED TUBE T8 EM P + conversion kit

| | | | |
|--------------------------------------|---------------|---|----|
| LED TUBE T8 EM P 1200 13.5W 840 KIT2 | 4099854108037 | 5 | 17 |
| LED TUBE T8 EM P 1500 20W 840 KIT2 | 4099854108150 | 5 | 17 |
| LED TUBE T8 EM P 1500 20W 865 KIT2 | 4099854108204 | 5 | 17 |

DOUBLE-LAMP CONVERSION KIT

LED TUBE T5 AC HE P + conversion kit

| | | | |
|---|---------------|---|----|
| LED TUBE T5 AC HE28 P 1149 16W 840 KIT2 | 4099854108495 | 5 | 32 |
| LED TUBE T5 AC HE35 P 1449 18W 840 KIT2 | 4099854108518 | 5 | 32 |
| LED TUBE T5 AC HE35 P 1449 18W 865 KIT2 | 4099854108525 | 5 | 32 |

LED TUBE T5 AC HO P + conversion kit

| | | | |
|---|---------------|---|----|
| LED TUBE T5 AC HO49 P 1449 26W 840 KIT2 | 4099854108365 | 5 | 32 |
| LED TUBE T5 AC HO54 P 1149 26W 830 KIT2 | 4099854116377 | 5 | 32 |
| LED TUBE T5 AC HO54 P 1149 26W 840 KIT2 | 4099854108372 | 5 | 32 |
| LED TUBE T5 AC HO80 P 1449 37W 840 KIT2 | 4099854108457 | 5 | 32 |

DAMP PROOF HOUSING ROBUST AND FUNCTIONAL

The ideal addition to the LEDVANCE LED TUBE T8 EM and LEDVANCE LED TUBE T8 EM CONNECTED, especially for use in harsh environments. The robust housing of the DAMP PROOF luminaire not only protects against moisture and dust but also easily withstands a hefty shock or two. Installation is particularly easy thanks to prewiring and integrated accessories. Wow your customers with our dream team of LED TUBE T8 EM or LED TUBE T8 EM CONNECTED and DAMP PROOF housing.

PRODUCT FEATURES

- Housing made of robust polycarbonate (PC), gray
- Suitable for **LED TUBE T8 EM** and **LED TUBE T8 EM CONNECTED**
- Luminaire housing, available for 1 or 2 **T8 LED lamps**
- Type of protection: IP65
- Impact resistance: IK08

PRODUCT BENEFITS

- Sustainable solution thanks to exchangeable lamps
- Prewired for easy installation of tubular AC LED lamps
- Robust housing
- Easy and quick installation
- 5 year guarantee¹

EQUIPMENT/ACCESSORIES

- All required accessories included



| Product name | Segmentation | GTIN (EAN) | △ | IK | Ⓘ | L x W x H [mm] Ø x H [mm] |
|------------------------------|--------------|---------------|-----|------|------|------------------------------|
| DP HOUSING 600 1x Lamp IP65 | ■ | 4058075312395 | 105 | IK08 | 600 | 651 x 64 x 75 |
| DP HOUSING 600 2x Lamp IP65 | ■ | 4058075312418 | 105 | IK08 | 850 | 651 x 103 x 75 |
| DP HOUSING 1200 1x Lamp IP65 | ■ | 4058075312432 | 105 | IK08 | 1000 | 1261 x 64 x 75 |
| DP HOUSING 1200 2x Lamp IP65 | ■ | 4058075312456 | 105 | IK08 | 1300 | 1261 x 103 x 75 |
| DP HOUSING 1500 1x Lamp IP65 | ■ | 4058075312470 | 105 | IK08 | 1300 | 1561 x 64 x 75 |
| DP HOUSING 1500 2x Lamp IP65 | ■ | 4058075312494 | 105 | IK08 | 1850 | 1561 x 103 x 75 |



A STRONG COMBINATION FOR LARGE INDOOR CAR PARKS:



Both **LED TUBE T8 EM** and **LED TUBE CONNECTED** can be used in the robust **DAMP PROOF housing** (IP 65).

The **LED TUBE CONNECTED SYSTEM** allows wirelessly connected light management without extensive wiring and programming.

¹Refer to www.ledvance.com/guarantee for precise conditions

LED TUBE T8 EM ULTRA OUTPUT S^{1,2}

SUPERIOR CLASS

High performance LED tubes for electromagnetic control gears (CCG), shatterproof



1



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Low flicker according to EU 2019-2020 (SVM ≤ 0,4 / PstLM ≤ 1)
- Lamp tube made of glass with shatter protection e.g. for food industry applications
- ENEC 10 VDE mark

PRODUCT BENEFITS

- No bending thanks to glass tube
- Shatter protection thanks to special PET coating
- Support the implementation of the HACCP concepts from production through to presentation
- Very high resistance to switching loads
- High luminous flux for sophisticated lighting tasks

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+50°C
- Illumination of production areas
- Traffic zones and corridors
- Supermarkets and department stores
- Industry

| Product name | GTIN (EAN) | W | mm | W | lm | lm/W | K | °C | CRI | t _h | Energy efficiency class | Shatterproof | CCG | 230V |
|---|---------------|----|-----|------|------|------|-----|------|------|----------------|-------------------------|--------------|-----|------|
| LED TUBE T8 EM ULTRA OUTPUT S 1200 mm 14W 830 | 4099854037092 | 36 | G13 | 1212 | 14 | 2340 | 167 | 3000 | >190 | 80 | 75000 | A | 10 | 1 |
| LED TUBE T8 EM ULTRA OUTPUT S 1200 mm 14W 840 | 4099854037115 | 36 | G13 | 1212 | 14 | 2600 | 185 | 4000 | >190 | 80 | 75000 | A | 10 | 1 |
| LED TUBE T8 EM ULTRA OUTPUT S 1200 mm 14W 940 | 4099854037290 | 36 | G13 | 1212 | 14 | 2600 | 185 | 4000 | >190 | 90 | 75000 | A | 10 | 1 |
| LED TUBE T8 EM ULTRA OUTPUT S 1200 mm 14W 850 | 4099854037177 | 36 | G13 | 1212 | 14 | 2600 | 185 | 5000 | >190 | 80 | 75000 | A | 10 | 1 |
| LED TUBE T8 EM ULTRA OUTPUT S 1200 mm 14W 865 | 4099854037191 | 36 | G13 | 1212 | 14 | 2600 | 185 | 6500 | >190 | 80 | 75000 | A | 10 | 1 |
| LED TUBE T8 EM ULTRA OUTPUT S 1500 mm 22.2W 830 | 4099854037214 | 58 | G13 | 1513 | 22.2 | 3690 | 166 | 3000 | >190 | 80 | 75000 | A | 10 | 1 |
| LED TUBE T8 EM ULTRA OUTPUT S 1500 mm 22.1W 840 | 4099854037238 | 58 | G13 | 1513 | 22.1 | 4100 | 184 | 4000 | >190 | 80 | 75000 | A | 10 | 1 |
| LED TUBE T8 EM ULTRA OUTPUT S 1500 mm 22.1W 940 | 4099854037313 | 58 | G13 | 1513 | 22.1 | 4100 | 184 | 4000 | >190 | 90 | 75000 | A | 10 | 1 |
| LED TUBE T8 EM ULTRA OUTPUT S 1500 mm 22.1W 850 | 4099854037252 | 58 | G13 | 1513 | 22.1 | 4100 | 184 | 5000 | >190 | 80 | 75000 | A | 10 | 1 |
| LED TUBE T8 EM ULTRA OUTPUT S 1500 mm 22.1W 865 | 4099854037276 | 58 | G13 | 1513 | 22.1 | 4100 | 184 | 6500 | >190 | 80 | 75000 | A | 10 | 1 |

SAFETY ADVICE

Not suitable for operation with electronic control gear.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

Not suitable for emergency lighting.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED TUBE T8 EM S^{1,2}

High performance LED tubes for electromagnetic control gears (CCG), shatterproof



1



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Low flicker according to EU 2019-2020 (SVM ≤ 0,4 / PstLM ≤ 1)
- Lamp tube made of glass with shatter protection e.g. for food industry applications
- ENEC 10 VDE mark

PRODUCT BENEFITS

- No bending thanks to glass technology
- Shatter protection thanks to special PET coating
- Support the implementation of the HACCP concepts from production through to presentation
- Very high resistance to switching loads
- Quick, simple and safe replacement without rewiring

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+50°C
- Illumination of production areas
- Traffic zones and corridors
- Supermarkets and department stores
- Industry

| Product name | GTIN (EAN) | W | W | l (mm) | W | lm | lm/W | K | °C | CRI | t _h | Energy efficiency class | Value class | Light bulb icon |
|------------------------------------|---------------|----|-----|--------|------|------|------|------|------|-----|----------------|-------------------------|-------------|-----------------|
| LED TUBE T8 EM S 438 mm 5.1W 830 | 4099854037337 | 15 | G13 | 450 | 5.1 | 810 | 158 | 3000 | >190 | 80 | 75000 | A | 10 | 1 |
| LED TUBE T8 EM S 438 mm 5.1W 840 | 4099854037351 | 15 | G13 | 450 | 5.1 | 900 | 176 | 4000 | >190 | 80 | 75000 | A | 10 | 1 |
| LED TUBE T8 EM S 438 mm 1W 865 | 4099854037375 | 15 | G13 | 450 | 5.1 | 900 | 176 | 6500 | >190 | 80 | 75000 | A | 10 | 1 |
| LED TUBE T8 EM S 600 mm 6.3W 830 | 4099854037399 | 18 | G13 | 603 | 6.3 | 990 | 157 | 3000 | >190 | 80 | 75000 | A | 10 | 1 |
| LED TUBE T8 EM S 600 mm 6.3W 840 | 4099854037412 | 18 | G13 | 603 | 6.3 | 1100 | 174 | 4000 | >190 | 80 | 75000 | A | 10 | 1 |
| LED TUBE T8 EM S 600 mm 6.3W 865 | 4099854037436 | 18 | G13 | 603 | 6.3 | 1100 | 174 | 6500 | >190 | 80 | 75000 | A | 10 | 1 |
| LED TUBE T8 EM S 900 mm 9.7W 830 | 4099854037450 | 30 | G13 | 908 | 9.7 | 1530 | 157 | 3000 | >190 | 80 | 75000 | A | 10 | 1 |
| LED TUBE T8 EM S 900 mm 9.7W 840 | 4099854037474 | 30 | G13 | 908 | 9.7 | 1700 | 175 | 4000 | >190 | 80 | 75000 | A | 10 | 1 |
| LED TUBE T8 EM S 900 mm 9.7W 865 | 4099854037498 | 30 | G13 | 908 | 9.7 | 1700 | 175 | 6500 | >190 | 80 | 75000 | A | 10 | 1 |
| LED TUBE T8 EM S 1050 mm 11.4W 830 | 4099854037511 | 38 | G13 | 1060 | 11.4 | 1800 | 157 | 3000 | >190 | 80 | 75000 | A | 10 | 1 |
| LED TUBE T8 EM S 1050 mm 11.4W 840 | 4099854037535 | 38 | G13 | 1060 | 11.4 | 2000 | 175 | 4000 | >190 | 80 | 75000 | A | 10 | 1 |
| LED TUBE T8 EM S 1050 mm 11.4W 865 | 4099854037559 | 38 | G13 | 1060 | 11.4 | 2000 | 175 | 6500 | >190 | 80 | 75000 | A | 10 | 1 |
| LED TUBE T8 EM S 1200 mm 12W 830 | 4099854037573 | 36 | G13 | 1212 | 12 | 1890 | 157 | 3000 | >190 | 80 | 75000 | A | 10 | 1 |
| LED TUBE T8 EM S 1200 mm 12W 840 | 4099854037597 | 36 | G13 | 1212 | 12 | 2100 | 175 | 4000 | >190 | 80 | 75000 | A | 10 | 1 |
| LED TUBE T8 EM S 1200 mm 12W 865 | 4099854037610 | 36 | G13 | 1212 | 12 | 2100 | 175 | 6500 | >190 | 80 | 75000 | A | 10 | 1 |
| LED TUBE T8 EM S 1500 mm 17.7W 830 | 4099854037634 | 58 | G13 | 1513 | 17.7 | 2790 | 157 | 3000 | >190 | 80 | 75000 | A | 10 | 1 |
| LED TUBE T8 EM S 1500 mm 17.7W 840 | 4099854037658 | 58 | G13 | 1513 | 17.7 | 3100 | 175 | 4000 | >190 | 80 | 75000 | A | 10 | 1 |
| LED TUBE T8 EM S 1500 mm 17.7W 865 | 4099854037672 | 58 | G13 | 1513 | 17.7 | 3100 | 175 | 6500 | >190 | 80 | 75000 | A | 10 | 1 |

SAFETY ADVICE

Not suitable for operation with electronic control gear.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

Not suitable for emergency lighting.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED TUBE T8 EM ULTRA OUTPUT P^{1,2}

LED tubes for electromagnetic control gear (CCG), shatterproof



1



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Low flicker according to EU 2019-2020 (SVM ≤ 0,4 / PstLM ≤ 1)
- Lamp tube made of glass with shatter protection e.g. for food industry applications
- For especially uniform illumination

PRODUCT BENEFITS

- No bending thanks to glass tube
- Quick, simple and safe replacement without rewiring
- Energy savings of up to 60 % (compared to T8 fluorescent lamp)
- Very high resistance to switching loads
- High luminous flux for sophisticated lighting tasks

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+50°C
- Illumination of production areas
- Traffic zones and corridors
- Supermarkets and department stores
- Industry

| Product name | GTIN (EAN) | W _{LED} | W _{FL} | l (mm) | W | lm | lm/W | K | °C | CRI | t _h ⁴ | Energy efficiency class ⁵ | RoHS | Na |
|---|---------------|------------------|-----------------|--------|------|------|------|------|------|-----|-----------------------------|--------------------------------------|------|----|
| LED TUBE T8 EM ULTRA OUTPUT P 1200 mm 15.6W 830 | 4099854036774 | 36 | G13 | 1212 | 15.6 | 2250 | 144 | 3000 | >190 | 80 | 60000 | A-D | 10 | 1 |
| LED TUBE T8 EM ULTRA OUTPUT P 1200 mm 15.6W 840 | 4099854036835 | 36 | G13 | 1212 | 15.6 | 2500 | 160 | 4000 | >190 | 80 | 60000 | A-E | 10 | 1 |
| LED TUBE T8 EM ULTRA OUTPUT P 1200 mm 15.6W 865 | 4099854036873 | 36 | G13 | 1212 | 15.6 | 2500 | 160 | 6500 | >190 | 80 | 60000 | A-E | 10 | 1 |
| LED TUBE T8 EM ULTRA OUTPUT P 1500 mm 23.1W 830 | 4099854037016 | 58 | G13 | 1513 | 23.1 | 3330 | 144 | 3000 | >190 | 80 | 60000 | A-D | 10 | 1 |
| LED TUBE T8 EM ULTRA OUTPUT P 1500 mm 23.1W 840 | 4099854037030 | 58 | G13 | 1513 | 23.1 | 3700 | 160 | 4000 | >190 | 80 | 60000 | A-E | 10 | 1 |
| LED TUBE T8 EM ULTRA OUTPUT P 1500 mm 23.1W 865 | 4099854037054 | 58 | G13 | 1513 | 23.1 | 3700 | 160 | 6500 | >190 | 80 | 60000 | A-E | 10 | 1 |

SAFETY ADVICE

Not suitable for operation with electronic control gear.
 Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.
 Not suitable for emergency lighting.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED TUBE T8 EM P^{1,2}

LED tubes for electromagnetic control gear (CCG), shatterproof



1



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Low flicker according to EU 2019-2020 (SVM ≤0,4 / PstLM ≤ 1)
- Single and tandem operation on conventional control gear (0.6 m version)
- Lamp tube made of glass with shatter protection e.g. for food industry applications

PRODUCT BENEFITS

- No bending thanks to glass tube
- Quick, simple and safe replacement without rewiring
- Energy savings of up to 66 % (compared to T8 fluorescent lamp)
- Instant-on light, therefore ideally suitable in combination with sensor technology
- Very high resistance to switching loads

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+50°C
- Illumination of production areas
- Traffic zones and corridors
- Supermarkets and department stores
- Industry

| Product name | GTIN (EAN) | W | W | l | W | lm | lm/W | K | °C | CRI | t _h | Energy efficiency class | Shatterproof | Light bulb icon |
|------------------------------------|---------------|----|-----|------|------|------|------|------|------|-----|----------------|-------------------------|--------------|-----------------|
| LED TUBE T8 EM P 600 mm 7W 830 | 4099854036958 | 18 | G13 | 603 | 7 | 990 | 141 | 3000 | >190 | 80 | 60000 | A | 10 | 1 |
| LED TUBE T8 EM P 600 mm 7W 840 | 4099854036972 | 18 | G13 | 603 | 7 | 1100 | 157 | 4000 | >190 | 80 | 60000 | A | 10 | 1 |
| LED TUBE T8 EM P 600 mm 7W 865 | 4099854036996 | 18 | G13 | 603 | 7 | 1100 | 157 | 6500 | >190 | 80 | 60000 | A | 10 | 1 |
| LED TUBE T8 EM P 1200 mm 13.5W 830 | 4099854036897 | 36 | G13 | 1212 | 13.5 | 1890 | 140 | 3000 | >190 | 80 | 60000 | A | 10 | 1 |
| LED TUBE T8 EM P 1200 mm 13.5W 840 | 4099854036910 | 36 | G13 | 1212 | 13.5 | 2100 | 155 | 4000 | >190 | 80 | 60000 | A | 10 | 1 |
| LED TUBE T8 EM P 1200 mm 13.5W 865 | 4099854036934 | 36 | G13 | 1212 | 13.5 | 2100 | 155 | 6500 | >190 | 80 | 60000 | A | 10 | 1 |
| LED TUBE T8 EM P 1500 mm 20W 830 | 4099854037078 | 58 | G13 | 1513 | 20 | 2790 | 139 | 3000 | >190 | 80 | 60000 | A | 10 | 1 |
| LED TUBE T8 EM P 1500 mm 20W 840 | 4099854037139 | 58 | G13 | 1513 | 20 | 3100 | 155 | 4000 | >190 | 80 | 60000 | A | 10 | 1 |
| LED TUBE T8 EM P 1500 mm 20W 865 | 4099854037153 | 58 | G13 | 1513 | 20 | 3100 | 155 | 6500 | >190 | 80 | 60000 | A | 10 | 1 |

SAFETY ADVICE

Not suitable for operation with electronic control gear.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

Not suitable for emergency lighting.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED TUBE T8 EM ULTRA OUTPUT V^{1,2}

Economic LED tubes for electromagnetic control gears (CCG)



1



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Low flicker according to EU 2019-2020 (SVM ≤ 0,4 / PstLM ≤ 1)
- Tube made of glass
- High luminous flux for sophisticated lighting tasks

PRODUCT BENEFITS

- No bending thanks to glass tube
- Energy savings of up to 50 % (compared to T8 fluorescent lamp)
- Quick, simple and safe replacement without rewiring
- Instant-on light, therefore ideally suitable in combination with sensor technology
- Very high resistance to switching loads

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45°C
- Corridors, stairways, parking garages
- Industry
- Warehouses
- Cooling and storage rooms

| Product name | GTIN (EAN) | W | W | l | W | lm | lm/W | K | °C | CRI | t _h | 5 | 6 | 7 |
|---|---------------|----|-----|------|----|------|------|------|------|-----|----------------|---|----|---|
| LED TUBE T8 EM ULTRA OUTPUT V 1200 mm 20W 830 | 4099854038327 | 36 | G13 | 1213 | 20 | 2160 | 108 | 3000 | >190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 EM ULTRA OUTPUT V 1200 mm 20W 840 | 4099854038402 | 36 | G13 | 1213 | 20 | 2400 | 120 | 4000 | >190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 EM ULTRA OUTPUT V 1200 mm 20W 865 | 4099854038525 | 36 | G13 | 1213 | 20 | 2400 | 120 | 6500 | >190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 EM ULTRA OUTPUT V 1500 mm 29W 830 | 4099854038624 | 58 | G13 | 1514 | 29 | 3150 | 108 | 3000 | >190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 EM ULTRA OUTPUT V 1500 mm 29W 840 | 4099854038662 | 58 | G13 | 1514 | 29 | 3500 | 120 | 4000 | >190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 EM ULTRA OUTPUT V 1500 mm 29W 865 | 4099854038747 | 58 | G13 | 1514 | 29 | 3500 | 120 | 6500 | >190 | 80 | 30000 | A | 10 | 1 |

SAFETY ADVICE

Not suitable for operation with electronic control gear.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

Not suitable for emergency lighting.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED TUBE T8 EM V^{1,2}

Economic LED tubes for electromagnetic control gears (CCG)



1



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Low flicker according to EU 2019-2020 (SVM ≤ 0,4 / PstLM ≤ 1)
- Single and tandem operation on conventional control gear (≤ 0.9 m versions)
- Tube made of glass

PRODUCT BENEFITS

- No bending thanks to glass tube
- Energy savings of up to 69 % (compared to T8 fluorescent lamp)
- Quick, simple and safe replacement without rewiring
- Instant-on light, therefore ideally suitable in combination with sensor technology
- Very high resistance to switching loads

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45°C
- Corridors, stairways, parking garages
- Industry
- Warehouses
- Cooling and storage rooms

| Product name | GTIN (EAN) | W | W | W | W | lm | lm/W | K | °C | CRI | t _h | h | h | h |
|------------------------------------|---------------|----|-----|------|------|------|------|------|------|-----|----------------|---|----|---|
| LED TUBE T8 EM V 438 mm 5.4W 830 | 4099854038907 | 15 | G13 | 451 | 5.4 | 585 | 108 | 3000 | >190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 EM V 438 mm 5.4W 840 | 4099854038921 | 15 | G13 | 451 | 5.4 | 650 | 120 | 4000 | >190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 EM V 438 mm 5.4W 865 | 4099854038945 | 15 | G13 | 451 | 5.4 | 650 | 120 | 6500 | >190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 EM V 600 mm 6.6W 830 | 4099854038969 | 18 | G13 | 604 | 6.6 | 720 | 109 | 3000 | >190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 EM V 600 mm 6.6W 840 | 4099854038983 | 18 | G13 | 604 | 6.6 | 800 | 121 | 4000 | >190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 EM V 600 mm 6.6W 865 | 4099854039003 | 18 | G13 | 604 | 6.6 | 800 | 121 | 6500 | >190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 EM V 720 mm 7W 830 | 4099854039027 | 16 | G13 | 734 | 7 | 765 | 109 | 3000 | >190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 EM V 720 mm 7W 840 | 4099854039041 | 16 | G13 | 734 | 7 | 850 | 121 | 4000 | >190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 EM V 720 mm 7W 865 | 4099854039065 | 16 | G13 | 734 | 7 | 850 | 121 | 6500 | >190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 EM V 900 mm 10W 830 | 4099854039102 | 30 | G13 | 908 | 10 | 1080 | 108 | 3000 | >190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 EM V 900 mm 10W 840 | 4099854039126 | 30 | G13 | 908 | 10 | 1200 | 120 | 4000 | >190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 EM V 900 mm 10W 865 | 4099854039164 | 30 | G13 | 908 | 10 | 1200 | 120 | 6500 | >190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 EM V 1050 mm 11.6W 830 | 4099854039201 | 38 | G13 | 1061 | 11.6 | 1260 | 108 | 3000 | >190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 EM V 1050 mm 11.6W 840 | 4099854039249 | 38 | G13 | 1061 | 11.6 | 1400 | 120 | 4000 | >190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 EM V 1050 mm 11.6W 865 | 4099854038488 | 38 | G13 | 1061 | 11.6 | 1400 | 120 | 6500 | >190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 EM V 1200 mm 15W 830 | 4099854038143 | 36 | G13 | 1213 | 15 | 1620 | 108 | 3000 | >190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 EM V 1200 mm 15W 840 | 4099854038167 | 36 | G13 | 1213 | 15 | 1800 | 120 | 4000 | >190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 EM V 1200 mm 15W 865 | 4099854038181 | 36 | G13 | 1213 | 15 | 1800 | 120 | 6500 | >190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 EM V 1500 mm 18.3W 830 | 4099854038204 | 58 | G13 | 1514 | 18.3 | 2000 | 109 | 3000 | >190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 EM V 1500 mm 18.3W 840 | 4099854038228 | 58 | G13 | 1514 | 18.3 | 2200 | 120 | 4000 | >190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 EM V 1500 mm 18.3W 865 | 4099854038242 | 58 | G13 | 1514 | 18.3 | 2200 | 120 | 6500 | >190 | 80 | 30000 | A | 10 | 1 |

SAFETY ADVICE

Not suitable for operation with electronic control gear.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

Not suitable for emergency lighting.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED TUBE T8 EM MOTION SENSOR P^{1,2}

LED tubes with integrated microwave sensor for electromagnetic control gears (CCG), shatterproof



1



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Integrated microwave sensor with motion detection
- Automatic dimming to 20 % light output after 5 minutes without motion detection
- Automatic light switch off 7 minutes after the last motion detection
- Microwave sensor with 5,8 GHz

PRODUCT BENEFITS

- Energy savings of up to 67 % compared to conventional fluorescent lamp
- Suitable for closed luminaires thanks to microwave technology
- Very high resistance to switching loads
- Quick, simple and safe replacement of fluorescent lamps without rewiring the CCG
- No bending thanks to glass tube

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+50°C
- Corridors, stairways, parking garages
- Warehouses
- Walkways and corridors
- Logistics areas, transport facilities and corridors

| Product name | GTIN (EAN) | w | W | lm | lm/w | K | CRI | t _{ln} | LED | No. | | | | |
|--|---------------|----|-----|------|------|------|-----|-----------------|-------|-----|-------|-----|----|---|
| LED TUBE T8 EM MOTION SENSOR P 600 mm 6.8W 840 | 4099854044472 | 18 | G13 | 603 | 6.8 | 1100 | 161 | 4000 | > 190 | 80 | 60000 | LED | 10 | 1 |
| LED TUBE T8 EM MOTION SENSOR P 1200 mm 13.1W 840 | 4099854044960 | 36 | G13 | 1212 | 13.1 | 2100 | 160 | 4000 | > 190 | 80 | 60000 | LED | 10 | 1 |
| LED TUBE T8 EM MOTION SENSOR P 1500 mm 19.3W 840 | 4099854045066 | 58 | G13 | 1513 | 19.3 | 3100 | 160 | 4000 | > 190 | 80 | 60000 | LED | 10 | 1 |

SAFETY ADVICE

Not suitable for operation with electronic control gear.
 Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.
 Recommended maximum mounting height: 5 m.
 Not suitable for emergency lighting.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED TUBE T8 EM FOOD P^{1,2}

LED tubes for electromagnetic control gears (CCG), shatterproof, for food presentation



1



PRODUCT FEATURES

- Specially tailored spectral distribution (comparable to T8 FL NATURA 76)
- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Lamp tube made of glass with shatter protection e.g. for food industry applications
- ENEC 10 VDE mark
- Type of protection: IP20

PRODUCT BENEFITS

- Food looks fresh and appetizing without unduly “beautifying” it
- Quick, simple and safe replacement of fluorescent lamps without rewiring the CCG
- Energy savings of up to 74 % (compared to T8 fluorescent lamp)
- Shatter protection thanks to special PET coating
- Support the implementation of the HACCP concepts from production through to presentation

AREAS OF APPLICATION

- Food presentation in e.g. butchers, bakeries, supermarkets or meat processors
- Suitable for ambient temperatures of -20 to +50° C

| Product name | GTIN (EAN) | W | Im | Im/W | K | CRI | t _{in} | Light bulb icon | | | | | |
|---|---------------|----|-----|------|------|------|-----------------|-----------------|-------|----|-------|----|---|
| LED TUBE T8 EM FOOD P 600 mm 5.2W 833 | 4099854044793 | 18 | G13 | 603 | 5.2 | 500 | 96 | 3300 | > 190 | 80 | 60000 | 10 | 1 |
| LED TUBE T8 EM FOOD P 900 mm 7.9W 833 | 4099854045226 | 30 | G13 | 908 | 7.9 | 750 | 94 | 3300 | > 190 | 80 | 60000 | 10 | 1 |
| LED TUBE T8 EM FOOD P 1200 mm 11.6W 833 | 4099854045004 | 36 | G13 | 1212 | 11.6 | 1100 | 94 | 3300 | > 190 | 80 | 60000 | 10 | 1 |
| LED TUBE T8 EM FOOD P 1500 mm 17.9W 833 | 4099854045127 | 58 | G13 | 1513 | 17.9 | 1700 | 94 | 3300 | > 190 | 80 | 60000 | 10 | 1 |

SAFETY ADVICE

Not suitable for operation with electronic control gear.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

Not suitable for emergency lighting.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50



LED TUBE T8 EM CONNECTED P¹

LED tube for electromagnetic control gears works with Connected Sensors



1



PRODUCT FEATURES

- Network protocol: ZigBee 3.0 (2.4 GHz mesh network)
- LED TUBE T8 EM Connected can be only operated with LEDVANCE Connected Sensor

PRODUCT BENEFITS

- No bending thanks to glass technology
- Shatter protection thanks to special PET coating
- Short payback period thanks to low energy consumption and maintenance costs

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+50°C
- Parking lots, warehouses, production areas
- Industry
- Offices

| Product name | GTIN (EAN) | W | W | mm | W | lm | lm/W | K | °C | CRI | t _h | h | h | h |
|--------------------------------------|---------------|----|-----|------|-----|------|------|------|-----|-----|----------------|----|---|---|
| LED TUBE T8 EM CON P 600 mm 7.5W 840 | 4058075823938 | 18 | G13 | 603 | 7.5 | 1100 | 146 | 4000 | 160 | 80 | 50000 | 10 | 1 | |
| LED TUBE T8 EM CON P 600 mm 7.5W 865 | 4058075823952 | 18 | G13 | 603 | 7.5 | 1100 | 146 | 6500 | 160 | 80 | 50000 | 10 | 1 | |
| LED TUBE T8 EM CON P 1200 mm 16W 840 | 4058075823976 | 36 | G13 | 1213 | 16 | 2400 | 150 | 4000 | 160 | 80 | 50000 | 10 | 1 | |
| LED TUBE T8 EM CON P 1200 mm 16W 865 | 4058075823990 | 36 | G13 | 1213 | 16 | 2400 | 150 | 6500 | 160 | 80 | 50000 | 10 | 1 | |
| LED TUBE T8 EM CON P 1500 mm 24W 840 | 4058075824010 | 58 | G13 | 1513 | 24 | 3600 | 150 | 4000 | 160 | 80 | 50000 | 10 | 1 | |
| LED TUBE T8 EM CON P 1500 mm 24W 865 | 4058075824034 | 58 | G13 | 1513 | 24 | 3600 | 150 | 6500 | 160 | 80 | 50000 | 10 | 1 | |

SAFETY ADVICE

Not suitable for operation with electronic control gear.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

The operating temperature range of LED tube is restricted. In case of doubt regarding suitability of the application please measure T_c max emperature on the product prior to installation.

¹ Protection class: IP20 | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

Connected Sensor Low Bay and High Bay

Sensor for LED Connected TUBE

Connected Sensor Remote

Connected Sensor Remote for LEDVANCE Connected Sensor HB and LB



1

2



Connected Sensor Low Bay and High Bay

PRODUCT FEATURES

- Wireless smart PIR motion sensor
- Connected Sensor LB: mounting height up to 4m
- Connected Sensor HB: mounting height up to 4...14m
- Two step dimming: 20 % and 100 % light output
- Network protocol: ZigBee 3.0 (2.4 GHz mesh network)
- Connected tube can be only operated with Connected sensor

PRODUCT BENEFITS

- Multiple sensors can be networked
- Control of compatible products without Internet connection or smart devices
- Easy to install and use

AREAS OF APPLICATION

- For indoor use only (IP54)
- Passive infra red sensor for ambient temperatures between -20 and +50°C
- Parking lots, warehouses, production areas, stairways
- Industry
- Offices

| Product name | GTIN (EAN) | INFRARED | L × W × H [mm] | △° | IP | V _{DC} | t _h ³ | kHz ECG | ⊞ | 💡 No. |
|-------------------------|---------------|------------------------|----------------|-----|------|-----------------|-----------------------------|---------|----|-------|
| Connected Sensor ST8 LB | 4058075232969 | Passive infrared (PIR) | 126 x 65 | 360 | IP54 | 220.0...240 | 50 000 | 50 | 27 | 1 |
| Connected Sensor ST8 HB | 4058075232983 | Passive infrared (PIR) | 126 x 65 | 180 | IP54 | 220.0...240 | 50 000 | 50 | 27 | 1 |

Connected Sensor Remote

PRODUCT FEATURES

- Compatible with LEDVANCE Connected Sensor HB and LB (Gen 2)
- Battery included (Lithium, 3 V)

PRODUCT BENEFITS

- LEDVANCE Connected sensor remote control for easy installation
- 3 years guarantee

| Product name | GTIN (EAN) | L × W × H [mm] | △° | ⊞ | 💡 No. |
|-------------------------|---------------|----------------|----|----|-------|
| CONNECTED SENSOR REMOTE | 4058075374034 | 58 x 94 x 8 | 15 | 10 | 2 |

¹ Refer to www.ledvance.com/guarantee for precise conditions | ² 4058075374034 | ³ L70/B50

LED TUBE T8 EM STARTER¹

Starter for LED TUBE T8 EM (CCG)



1

PRODUCT FEATURES

- Substitute starter for the replacement of a fluorescent lamp with a T8 EM LED tube
- Suitable for operation with low loss or conventional control gear

AREAS OF APPLICATION

- Not suitable for operation with electronic control gears

| Product name | GTIN (EAN) |  |  |  |
|------------------------|---------------|---|---|---|
| LED TUBE T8 EM STARTER | 4099854067150 | 40 | 20 | 1 |

¹ Protection class: IP20

LED TUBE T8 UNIVERSAL ULTRA OUTPUT P^{1,2}

LED tubes for electronic control gears (ECG), electromagnetic control gears (CCG) and mains, shatterproof



1



PDF ECG compatibility list TUBE FINDER Web-app

Compatibility list also online:
ledvance.com/ecg-compatibility
ledvance.com/tubefinder



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG, ECG luminaires or on AC mains
- Compatible with conventional and many common electronic control gears (see also compatibility list) and line voltage
- Low flicker according to EU 2019-2020 ($SVM \leq 0,4$ / $PstLM \leq 1$)
- Lamp tube made of glass with shatter protection

PRODUCT BENEFITS

- No bending thanks to glass technology
- Quick, simple and safe replacement without rewiring
- Energy savings of up to 60 % (compared to T8 fluorescent lamp)
- Very high resistance to switching loads
- High luminous flux for sophisticated lighting tasks

AREAS OF APPLICATION

- General illumination within ambient temperatures from $-20...+45^{\circ}\text{C}$
- Illumination of production areas
- Traffic zones and corridors
- Supermarkets and department stores
- Industry

| Product name | GTIN (EAN) | w/w | M | I (lm) | W | lm | lm/w | K | °C | CRI | t _{in} ⁴ | EEC ⁵ | RoHS | No. |
|--|---------------|-----|-----|--------|----|------|------|------|-----|-----|------------------------------|------------------|------|-----|
| LED TUBE T8 UNIVERSAL ULTRA OUTPUT P 1200 mm 15W 840 | 4099854026294 | 36 | G13 | 1211 | 15 | 2400 | 160 | 4000 | 190 | 80 | 60000 | A | 10 | 1 |
| LED TUBE T8 UNIVERSAL ULTRA OUTPUT P 1200 mm 15W 865 | 4099854026331 | 36 | G13 | 1211 | 15 | 2400 | 160 | 6500 | 190 | 80 | 60000 | A | 10 | 1 |
| LED TUBE T8 UNIVERSAL ULTRA OUTPUT P 1500 mm 23W 840 | 4099854026577 | 58 | G13 | 1513 | 23 | 3700 | 160 | 4000 | 190 | 80 | 60000 | A | 10 | 1 |
| LED TUBE T8 UNIVERSAL ULTRA OUTPUT P 1500 mm 23W 865 | 4099854026591 | 58 | G13 | 1513 | 23 | 3700 | 160 | 6500 | 190 | 80 | 60000 | A | 10 | 1 |

SAFETY ADVICE

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

The operating temperature range of LED tube is restricted. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation.

For operation of LED TUBE T8 UN with a conventional control gear, the existing starter must be exchanged with the including LED starter in the LED tube packaging.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED TUBE T8 UNIVERSAL P^{1,2}

LED tubes for electronic control gears (ECG), electromagnetic control gears (CCG) and mains, shatterproof



1



PDF ECG compatibility list TUBE FINDER Web-app

Compatibility list also online:
ledvance.com/ecg-compatibility
ledvance.com/tubefinder



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG, ECG luminaires or on AC mains
- Compatible with conventional and many common electronic control gears (see also compatibility list) and line voltage
- Low flicker according to EU 2019-2020 (SVM ≤ 0,4 / PstLM ≤ 1)
- Lamp tube made of glass with shatter protection

PRODUCT BENEFITS

- No bending thanks to glass technology
- Quick, simple and safe replacement without rewiring
- Energy savings of up to 66 % (compared to T8 fluorescent lamp)
- Very high resistance to switching loads
- High luminous flux for sophisticated lighting tasks

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45°C
- Illumination of production areas
- Traffic zones and corridors
- Supermarkets and department stores
- Industry

| Product name | GTIN (EAN) | w@w | M | I (mm) | W | lm | lm/w | K | △ | CRI | t _{in} ⁴ | LED ⁵ | LED | No. |
|---|---------------|-----|-----|--------|-----|------|------|------|-----|-----|------------------------------|------------------|-----|-----|
| LED TUBE T8 UNIVERSAL P 600 mm 7.5W 830 | 4099854026119 | 18 | G13 | 603 | 7.5 | 1100 | 146 | 3000 | 190 | 80 | 60000 | LED | 10 | 1 |
| LED TUBE T8 UNIVERSAL P 600 mm 7.5W 840 | 4099854026157 | 18 | G13 | 603 | 7.5 | 1100 | 146 | 4000 | 190 | 80 | 60000 | LED | 10 | 1 |
| LED TUBE T8 UNIVERSAL P 600 mm 7.5W 865 | 4099854026218 | 18 | G13 | 603 | 7.5 | 1000 | 133 | 6500 | 190 | 80 | 60000 | LED | 10 | 1 |
| LED TUBE T8 UNIVERSAL P 1200 mm 14W 830 | 4099854026492 | 36 | G13 | 1211 | 14 | 1900 | 135 | 3000 | 190 | 80 | 60000 | LED | 10 | 1 |
| LED TUBE T8 UNIVERSAL P 1200 mm 14W 840 | 4099854026393 | 36 | G13 | 1211 | 14 | 2100 | 150 | 4000 | 190 | 80 | 60000 | LED | 10 | 1 |
| LED TUBE T8 UNIVERSAL P 1200 mm 14W 865 | 4099854026430 | 36 | G13 | 1211 | 14 | 2100 | 150 | 6500 | 190 | 80 | 60000 | LED | 10 | 1 |
| LED TUBE T8 UNIVERSAL P 1500 mm 20W 830 | 4099854026652 | 58 | G13 | 1513 | 20 | 2800 | 140 | 3000 | 190 | 80 | 60000 | LED | 10 | 1 |
| LED TUBE T8 UNIVERSAL P 1500 mm 20W 840 | 4099854026614 | 58 | G13 | 1513 | 20 | 3100 | 155 | 4000 | 190 | 80 | 60000 | LED | 10 | 1 |
| LED TUBE T8 UNIVERSAL P 1500 mm 20W 865 | 4099854026638 | 58 | G13 | 1513 | 20 | 3100 | 155 | 6500 | 190 | 80 | 60000 | LED | 10 | 1 |

SAFETY ADVICE

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction. The operating temperature range of LED tube is restricted. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation. For operation of LED TUBE T8 UN with a conventional control gear, the existing starter must be exchanged with the including LED starter in the LED tube packaging.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED TUBE T8 UNIVERSAL V^{1,2}

LED tubes for electronic control gears (ECG), electromagnetic control gears (CCG) and mains



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PDF ECG compatibility list TUBE FINDER Web-app

Compatibility list also online:
ledvance.com/ecg-compatibility
ledvance.com/tubefinder



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG, ECG luminaires or on AC mains
- Compatible with conventional and many common electronic control gears (see also compatibility list) and line voltage
- Low flicker according to EU 2019-2020 (SVM ≤ 0,4 / PstLM ≤ 1)
- Tube made of glass

PRODUCT BENEFITS

- No bending thanks to glass technology
- Quick, simple and safe replacement without rewiring
- Energy savings of up to 59 % (compared to T8 fluorescent lamp)
- Very high resistance to switching loads
- Also suitable for operation at low temperatures

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45°C
- Corridors, stairways, parking garages
- Industry
- Warehouses
- Cooling and storage rooms

| Product name | GTIN (EAN) | W _{max} | W | l (mm) | W | lm | lm/W | K | °C | CRI | t _h ⁴ | Energy efficiency class (EEC) ⁵ | RoHS | LEDVANCE 3 year guarantee |
|---|---------------|------------------|-----|--------|----|------|------|------|-----|-----|-----------------------------|--|------|---------------------------|
| LED TUBE T8 UNIVERSAL V 600 mm 8W 830 | 4099854026515 | 18 | G13 | 603 | 8 | 800 | 100 | 3000 | 190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 UNIVERSAL V 600 mm 8W 840 | 4099854026539 | 18 | G13 | 603 | 8 | 900 | 112 | 4000 | 190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 UNIVERSAL V 600 mm 8W 865 | 4099854026553 | 18 | G13 | 603 | 8 | 900 | 112 | 6500 | 190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 UNIVERSAL V 1200 mm 18W 830 | 4099854026317 | 36 | G13 | 1211 | 18 | 1850 | 102 | 3000 | 190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 UNIVERSAL V 1200 mm 18W 840 | 4099854026355 | 36 | G13 | 1211 | 18 | 2000 | 111 | 4000 | 190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 UNIVERSAL V 1200 mm 18W 865 | 4099854026379 | 36 | G13 | 1211 | 18 | 2000 | 111 | 6500 | 190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 UNIVERSAL V 1500 mm 24W 830 | 4099854026416 | 58 | G13 | 1513 | 24 | 2550 | 106 | 3000 | 190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 UNIVERSAL V 1500 mm 24W 840 | 4099854026454 | 58 | G13 | 1513 | 24 | 2800 | 116 | 4000 | 190 | 80 | 30000 | A | 10 | 1 |
| LED TUBE T8 UNIVERSAL V 1500 mm 24W 865 | 4099854026478 | 58 | G13 | 1513 | 24 | 2800 | 116 | 6500 | 190 | 80 | 30000 | A | 10 | 1 |

SAFETY ADVICE

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

The operating temperature range of LED tube is restricted. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation.

For operation of LED TUBE T8 UN with a conventional control gear, the existing starter must be exchanged with the including LED starter in the LED tube packaging.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED TUBE T8 HF ULTRA OUTPUT P^{1,2}

LED tubes for electronic high frequency control gears (ECG), shatterproof

PERFOR-
MANCE
CLASS



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PDF ECG compatibility list TUBE FINDER Web-app

Compatibility list also online:
ledvance.com/ecg-compatibility
ledvance.com/tubefinder



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in ECG luminaires
- Compatible with many common electronic control gears (see also compatibility list)
- Low flicker according to EU 2019-2020 (SVM ≤ 0,4 / PstLM ≤ 1)
- Lamp tube made of glass with shatter protection

PRODUCT BENEFITS

- No bending thanks to glass tube
- Shatter protection thanks to special PET coating
- Very high resistance to switching loads
- High luminous flux for sophisticated lighting tasks
- Quick, simple and safe replacement without rewiring

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45°C
- Illumination of production areas
- Traffic zones and corridors
- Supermarkets and department stores
- Industry

| Product name | GTIN (EAN) | w/w | W | lm | lm/w | K | CRI | t _h | Energy efficiency class (EEC) | RoHS | REACH | Na | | |
|---|---------------|-----|-----|------|------|------|-----|----------------|-------------------------------|------|-------|----|----|---|
| LED TUBE T8 HF ULTRA OUTPUT P 1200 mm 15W 840 | 4099854026133 | 36 | G13 | 1211 | 15 | 2400 | 160 | 4000 | 190 | 80 | 75000 | A | 10 | 1 |
| LED TUBE T8 HF ULTRA OUTPUT P 1200 mm 15W 865 | 4099854026171 | 36 | G13 | 1211 | 15 | 2400 | 160 | 6500 | 190 | 80 | 75000 | A | 10 | 1 |
| LED TUBE T8 HF ULTRA OUTPUT P 1500 mm 23W 840 | 4099854026195 | 58 | G13 | 1513 | 23 | 3700 | 160 | 4000 | 190 | 80 | 75000 | A | 10 | 1 |
| LED TUBE T8 HF ULTRA OUTPUT P 1500 mm 23W 865 | 4099854026232 | 58 | G13 | 1513 | 23 | 3700 | 160 | 6500 | 190 | 80 | 75000 | A | 10 | 1 |

SAFETY ADVICE

Not suitable for operation with low-loss and conventional control gears and main voltage.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

The operating temperature range of LED tube is restricted. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED TUBE T8 HF P^{1,2}

LED tubes for electronic high frequency control gears (ECG), shatterproof



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PDF ECG compatibility list TUBE FINDER Web-app

Compatibility list also online:
ledvance.com/ecg-compatibility
ledvance.com/tubefinder



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in ECG luminaires
- Compatible with many common electronic control gears (see also compatibility list)
- Low flicker according to EU 2019-2020 (SVM ≤ 0,4 / PstLM ≤ 1)
- Lamp tube made of glass with shatter protection

PRODUCT BENEFITS

- No bending thanks to glass tube
- Shatter protection thanks to special PET coating
- Very high resistance to switching loads
- Quick, simple and safe replacement without rewiring
- Energy savings of up to 66 % (compared to T8 fluorescent lamp)

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45°C
- Illumination of production areas
- Traffic zones and corridors
- Supermarkets and department stores
- Industry

| Product name | GTIN (EAN) | W | W | l | W | lm | lm/W | K | °C | CRI | t _h | Energy efficiency class | RoHS | REACH |
|----------------------------------|---------------|----|-----|------|-----|------|------|------|-----|-----|----------------|-------------------------|------|-------|
| LED TUBE T8 HF P 600 mm 7.5W 830 | 4099854026058 | 18 | G13 | 603 | 7.5 | 1000 | 133 | 3000 | 190 | 80 | 75000 | A | 10 | 1 |
| LED TUBE T8 HF P 600 mm 7.5W 840 | 4099854026072 | 18 | G13 | 603 | 7.5 | 1100 | 146 | 4000 | 190 | 80 | 75000 | B | 10 | 1 |
| LED TUBE T8 HF P 600 mm 7.5W 865 | 4099854026096 | 18 | G13 | 603 | 7.5 | 1100 | 146 | 6500 | 190 | 80 | 75000 | B | 10 | 1 |
| LED TUBE T8 HF P 1200 mm 14W 830 | 4099854025914 | 36 | G13 | 1211 | 14 | 1900 | 135 | 3000 | 190 | 80 | 75000 | A | 10 | 1 |
| LED TUBE T8 HF P 1200 mm 14W 840 | 4099854025938 | 36 | G13 | 1211 | 14 | 2100 | 150 | 4000 | 190 | 80 | 75000 | B | 10 | 1 |
| LED TUBE T8 HF P 1200 mm 14W 865 | 4099854025952 | 36 | G13 | 1211 | 14 | 2100 | 150 | 6500 | 190 | 80 | 75000 | B | 10 | 1 |
| LED TUBE T8 HF P 1500 mm 20W 830 | 4099854025976 | 58 | G13 | 1513 | 20 | 2800 | 140 | 3000 | 190 | 80 | 75000 | A | 10 | 1 |
| LED TUBE T8 HF P 1500 mm 20W 840 | 4099854025990 | 58 | G13 | 1513 | 20 | 3100 | 155 | 4000 | 190 | 80 | 75000 | B | 10 | 1 |
| LED TUBE T8 HF P 1500 mm 20W 865 | 4099854026010 | 58 | G13 | 1513 | 20 | 3100 | 155 | 6500 | 190 | 80 | 75000 | B | 10 | 1 |

SAFETY ADVICE

Not suitable for operation with low-loss and conventional control gears and main voltage.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

The operating temperature range of LED tube is restricted. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED TUBE T8 HF V^{1,2}

Economic LED tubes for electronic high frequency control gears (ECG)



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PDF ECG compatibility list TUBE FINDER Web-app

Compatibility list also online:
ledvance.com/ecg-compatibility
ledvance.com/tubefinder



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in ECG luminaires
- Compatible with many common electronic control gears (see also compatibility list)
- Low flicker according to EU 2019-2020 (SVM ≤ 0,4 / PstLM ≤ 1)
- Tube made of glass

PRODUCT BENEFITS

- No bending thanks to glass tube
- Energy savings of up to 56 % (compared to T8 fluorescent lamp)
- Quick, simple and safe replacement without rewiring
- Very high resistance to switching loads
- Also suitable for operation at low temperatures

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45°C
- Corridors, stairways, parking garages
- Industry
- Warehouses
- Cooling and storage rooms

| Product name | GTIN (EAN) | w | W | lm | lm/w | K | CRI | t _h | Energy efficiency class | RoHS | REACH | Light bulb icon | | |
|--------------------------------|---------------|----|-----|-----|------|-----|-----|----------------|-------------------------|------|-------|------------------------------|----|---|
| LED TUBE T8 HF V 600 mm 8W 840 | 4099854026256 | 18 | G13 | 603 | 8 | 900 | 112 | 4000 | 190 | 80 | 30000 | Energy efficiency class icon | 10 | 1 |
| LED TUBE T8 HF V 600 mm 8W 865 | 4099854026270 | 18 | G13 | 603 | 8 | 900 | 112 | 6500 | 190 | 80 | 30000 | Energy efficiency class icon | 10 | 1 |

SAFETY ADVICE

Not suitable for operation with low-loss and conventional control gears and main voltage.
 Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.
 The operating temperature range of LED tube is restricted. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED TUBE T5 HF P^{1,2}

LED tubes for electronic high frequency control gears



1



PDF ECG compatibility list TUBE FINDER Web-app

Compatibility list also online:
ledvance.com/ecg-compatibility
ledvance.com/tubefinder

GLASS



ECG

LEDVANCE
5
year
guarantee

PRODUCT FEATURES

- Retrofit replacement of existing T5 lamps on HF ballast installations
- Lamp tube made of glass with shatter protection e.g. for food industry applications
- High color consistency: ≤ 5 SDCM
- Lifetime: up to 50,000 h

PRODUCT BENEFITS

- No bending thanks to glass technology
- Quick, simple and safe replacement without rewiring
- High luminous flux for sophisticated lighting tasks
- Also suitable for operation at low temperatures

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45°C
- Offices, public buildings
- Supermarkets and department stores
- Industry

| Product name | GTIN (EAN) | WxW | mm | mm | W | lm | lm/W | K | °C | CRI | t _h ⁴ | h | h | h |
|---------------------------------------|---------------|-----|----|------|----|------|------|------|-----|-----|-----------------------------|---|----|---|
| LED TUBE T5 HF HE14 P 549 mm 7W 830 | 4099854029448 | 14 | G5 | 549 | 7 | 900 | 128 | 3000 | 190 | 80 | 50000 | A | 10 | 1 |
| LED TUBE T5 HF HE14 P 549 mm 7W 840 | 4099854029462 | 14 | G5 | 549 | 7 | 1000 | 142 | 4000 | 190 | 80 | 50000 | A | 10 | 1 |
| LED TUBE T5 HF HE14 P 549 mm 7W 865 | 4099854029486 | 14 | G5 | 549 | 7 | 1000 | 142 | 6500 | 190 | 80 | 50000 | A | 10 | 1 |
| LED TUBE T5 HF HE21 P 849 mm 10W 830 | 4099854029387 | 21 | G5 | 849 | 10 | 1350 | 135 | 3000 | 190 | 80 | 50000 | A | 10 | 1 |
| LED TUBE T5 HF HE21 P 849 mm 10W 840 | 4099854029400 | 21 | G5 | 849 | 10 | 1500 | 150 | 4000 | 190 | 80 | 50000 | A | 10 | 1 |
| LED TUBE T5 HF HE21 P 849 mm 10W 865 | 4099854029424 | 21 | G5 | 849 | 10 | 1500 | 150 | 6500 | 190 | 80 | 50000 | A | 10 | 1 |
| LED TUBE T5 HF HE28 P 1149 mm 16W 830 | 4099854029325 | 28 | G5 | 1149 | 16 | 2160 | 135 | 3000 | 190 | 80 | 50000 | A | 10 | 1 |
| LED TUBE T5 HF HE28 P 1149 mm 16W 840 | 4099854029349 | 28 | G5 | 1149 | 16 | 2400 | 150 | 4000 | 190 | 80 | 50000 | A | 10 | 1 |
| LED TUBE T5 HF HE28 P 1149 mm 16W 865 | 4099854029363 | 28 | G5 | 1149 | 16 | 2400 | 150 | 6500 | 190 | 80 | 50000 | A | 10 | 1 |
| LED TUBE T5 HF HE35 P 1449 mm 18W 830 | 4099854029172 | 35 | G5 | 1449 | 18 | 2550 | 141 | 3000 | 190 | 80 | 50000 | A | 10 | 1 |
| LED TUBE T5 HF HE35 P 1449 mm 18W 840 | 4099854029196 | 35 | G5 | 1449 | 18 | 2800 | 155 | 4000 | 190 | 80 | 50000 | A | 10 | 1 |
| LED TUBE T5 HF HE35 P 1449 mm 18W 865 | 4099854029219 | 35 | G5 | 1449 | 18 | 2800 | 155 | 6500 | 190 | 80 | 50000 | A | 10 | 1 |
| LED TUBE T5 HF H049 P 1449 mm 26W 830 | 4099854029110 | 49 | G5 | 1449 | 26 | 3600 | 138 | 3000 | 190 | 80 | 50000 | A | 10 | 1 |
| LED TUBE T5 HF H049 P 1449 mm 26W 840 | 4099854029134 | 49 | G5 | 1449 | 26 | 4000 | 153 | 4000 | 190 | 80 | 50000 | A | 10 | 1 |
| LED TUBE T5 HF H049 P 1449 mm 26W 865 | 4099854029158 | 49 | G5 | 1449 | 26 | 4000 | 153 | 6500 | 190 | 80 | 50000 | A | 10 | 1 |
| LED TUBE T5 HF H054 P 1149 mm 26W 830 | 4099854029257 | 54 | G5 | 1149 | 26 | 3600 | 138 | 3000 | 190 | 80 | 50000 | A | 10 | 1 |
| LED TUBE T5 HF H054 P 1149 mm 26W 840 | 4099854029271 | 54 | G5 | 1149 | 26 | 4000 | 153 | 4000 | 190 | 80 | 50000 | A | 10 | 1 |
| LED TUBE T5 HF H054 P 1149 mm 26W 865 | 4099854029301 | 54 | G5 | 1149 | 26 | 4000 | 153 | 6500 | 190 | 80 | 50000 | A | 10 | 1 |
| LED TUBE T5 HF H080 P 1449 mm 36W 830 | 4099854029059 | 80 | G5 | 1449 | 36 | 5050 | 140 | 3000 | 190 | 80 | 50000 | A | 10 | 1 |
| LED TUBE T5 HF H080 P 1449 mm 36W 840 | 4099854029073 | 80 | G5 | 1449 | 36 | 5600 | 155 | 4000 | 190 | 80 | 50000 | A | 10 | 1 |
| LED TUBE T5 HF H080 P 1449 mm 36W 865 | 4099854029097 | 80 | G5 | 1449 | 36 | 5600 | 155 | 6500 | 190 | 80 | 50000 | A | 10 | 1 |

SAFETY ADVICE

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

The operating temperature range of LED tube is restricted. In case of doubt regarding suitability of the application please measure T_c max emperature on the product prior to installation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED TUBE T5 AC MAINS P^{1,2}

LED tubes for operation on AC mains connection



1



PRODUCT FEATURES

- LED replacement for T5 fluorescent lamps with G5 base on AC mains
- Lamp tube made of glass with shatter protection e.g. for food industry applications
- High color consistency: ≤ 5 SDCM
- Lifetime: up to 50,000 h

PRODUCT BENEFITS

- No bending thanks to glass technology
- Shatter protection thanks to special PET coating
- High luminous flux for sophisticated lighting tasks

AREAS OF APPLICATION

- General illumination within ambient temperatures from $-20\dots+45^{\circ}\text{C}$
- Offices, public buildings
- Supermarkets and department stores
- Industry

| Product name | GTIN (EAN) | W | W | W | W | lm | lm/W | K | K | K | CRI | t _h | t _h | t _h | t _h |
|---------------------------------------|---------------|----|----|------|----|------|------|------|-----|----|-------|----------------|----------------|----------------|----------------|
| LED TUBE T5 AC HE14 P 549 mm 7W 830 | 4058075824416 | 14 | G5 | 549 | 7 | 900 | 128 | 3000 | 190 | 80 | 50000 | LED | 10 | 1 | |
| LED TUBE T5 AC HE14 P 549 mm 7W 840 | 4058075824430 | 14 | G5 | 549 | 7 | 1000 | 142 | 4000 | 190 | 80 | 50000 | LED | 10 | 1 | |
| LED TUBE T5 AC HE14 P 549 mm 7W 865 | 4058075824454 | 14 | G5 | 549 | 7 | 1000 | 142 | 6500 | 190 | 80 | 50000 | LED | 10 | 1 | |
| LED TUBE T5 AC H024 P 549 mm 10W 830 | 4099854081200 | 24 | G5 | 549 | 10 | 1350 | 135 | 3000 | 160 | 80 | 50000 | LED | 10 | 1 | |
| LED TUBE T5 AC H024 P 549 mm 10W 840 | 4099854081224 | 24 | G5 | 549 | 10 | 1500 | 150 | 4000 | 160 | 80 | 50000 | LED | 10 | 1 | |
| LED TUBE T5 AC H024 P 549 mm 10W 865 | 4099854081248 | 24 | G5 | 549 | 10 | 1500 | 150 | 6500 | 160 | 80 | 50000 | LED | 10 | 1 | |
| LED TUBE T5 AC HE21 P 849 mm 10W 830 | 4058075824355 | 21 | G5 | 849 | 10 | 1350 | 135 | 3000 | 190 | 80 | 50000 | LED | 10 | 1 | |
| LED TUBE T5 AC HE21 P 849 mm 10W 840 | 4058075824379 | 21 | G5 | 849 | 10 | 1500 | 150 | 4000 | 190 | 80 | 50000 | LED | 10 | 1 | |
| LED TUBE T5 AC HE21 P 849 mm 10W 865 | 4058075824393 | 21 | G5 | 849 | 10 | 1500 | 150 | 6500 | 190 | 80 | 50000 | LED | 10 | 1 | |
| LED TUBE T5 AC H039 P 849 mm 16W 830 | 4099854081149 | 39 | G5 | 849 | 16 | 2160 | 135 | 3000 | 160 | 80 | 50000 | LED | 10 | 1 | |
| LED TUBE T5 AC H039 P 849 mm 16W 840 | 4099854081163 | 39 | G5 | 849 | 16 | 2400 | 150 | 4000 | 160 | 80 | 50000 | LED | 10 | 1 | |
| LED TUBE T5 AC H039 P 849 mm 16W 865 | 4099854081187 | 39 | G5 | 849 | 16 | 2400 | 150 | 6500 | 160 | 80 | 50000 | LED | 10 | 1 | |
| LED TUBE T5 AC HE28 P 1149 mm 16W 830 | 4058075824294 | 28 | G5 | 1149 | 16 | 2150 | 134 | 3000 | 190 | 80 | 50000 | LED | 10 | 1 | |
| LED TUBE T5 AC HE28 P 1149 mm 16W 840 | 4058075824317 | 28 | G5 | 1149 | 16 | 2400 | 150 | 4000 | 190 | 80 | 50000 | LED | 10 | 1 | |
| LED TUBE T5 AC HE28 P 1149 mm 16W 865 | 4058075824331 | 28 | G5 | 1149 | 16 | 2400 | 150 | 6500 | 190 | 80 | 50000 | LED | 10 | 1 | |
| LED TUBE T5 AC HE35 P 1449 mm 18W 830 | 4058075824232 | 35 | G5 | 1449 | 18 | 2550 | 141 | 3000 | 190 | 80 | 50000 | LED | 10 | 1 | |
| LED TUBE T5 AC HE35 P 1449 mm 18W 840 | 4058075824256 | 35 | G5 | 1449 | 18 | 2800 | 155 | 4000 | 190 | 80 | 50000 | LED | 10 | 1 | |
| LED TUBE T5 AC HE35 P 1449 mm 18W 865 | 4058075824270 | 35 | G5 | 1149 | 18 | 2800 | 155 | 6500 | 190 | 80 | 50000 | LED | 10 | 1 | |
| LED TUBE T5 AC H049 P 1449 mm 26W 830 | 4058075824171 | 49 | G5 | 1449 | 26 | 3600 | 138 | 3000 | 190 | 80 | 50000 | LED | 10 | 1 | |
| LED TUBE T5 AC H049 P 1449 mm 26W 840 | 4058075824195 | 49 | G5 | 1449 | 26 | 4000 | 153 | 4000 | 190 | 80 | 50000 | LED | 10 | 1 | |
| LED TUBE T5 AC H049 P 1449 mm 26W 865 | 4058075824218 | 49 | G5 | 1449 | 26 | 4000 | 153 | 6500 | 190 | 80 | 50000 | LED | 10 | 1 | |
| LED TUBE T5 AC H054 P 1149 mm 26W 830 | 4058075824119 | 54 | G5 | 1149 | 26 | 3600 | 138 | 3000 | 190 | 80 | 50000 | LED | 10 | 1 | |
| LED TUBE T5 AC H054 P 1149 mm 26W 840 | 4058075824133 | 54 | G5 | 1149 | 26 | 4000 | 153 | 4000 | 190 | 80 | 50000 | LED | 10 | 1 | |
| LED TUBE T5 AC H054 P 1149 mm 26W 865 | 4058075824157 | 54 | G5 | 1149 | 26 | 4000 | 153 | 6500 | 190 | 80 | 50000 | LED | 10 | 1 | |
| LED TUBE T5 AC H080 P 1449 mm 36W 830 | 4058075824058 | 80 | G5 | 1449 | 36 | 5050 | 140 | 3000 | 190 | 80 | 50000 | LED | 10 | 1 | |
| LED TUBE T5 AC H080 P 1449 mm 36W 840 | 4058075824072 | 80 | G5 | 1449 | 36 | 5600 | 155 | 4000 | 190 | 80 | 50000 | LED | 10 | 1 | |
| LED TUBE T5 AC H080 P 1449 mm 36W 865 | 4058075824096 | 80 | G5 | 1449 | 36 | 5600 | 155 | 6500 | 190 | 80 | 50000 | LED | 10 | 1 | |

SAFETY ADVICE

Not suitable for operation with electronic control gear.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

The operating temperature range of LED tube is restricted. In case of doubt regarding suitability of the application please measure T_c max emperature on the product prior to installation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED TUBE T5 HF SHORT V^{1,2}

LED tubes for electronic high frequency control gears



1



PDF ECG compatibility list TUBE FINDER Web-app

Compatibility list also online:
ledvance.com/ecg-compatibility
ledvance.com/tubefinder

GLASS



ECG

LEDVANCE
3
year
guarantee

PRODUCT FEATURES

- Retrofit replacement of existing T5 lamps on HF ballast installations
- Lamp tube made of glass with shatter protection
- High color consistency: ≤ 5 SDCM
- Lifetime: up to 30,000 h

PRODUCT BENEFITS

- No bending thanks to glass technology
- Quick, simple and safe replacement without rewiring
- Also suitable for operation at low temperatures
- Please follow all safety advices

AREAS OF APPLICATION

- General illumination within ambient temperatures from $-20\dots+45^{\circ}\text{C}$
- Public buildings
- Kitchens
- Under-cabinet lighting

| Product name | GTIN (EAN) | w/w | mm | l (mm) | W | lm | lm/w | K | °C | CRI | t _h ⁴ | Energy efficiency class (EEC) ⁵ | RoHS | Na |
|--|---------------|-----|----|--------|---|-----|------|------|-----|-----|-----------------------------|--|------|----|
| LED TUBE T5 HF L8 SHORT V 288 mm 4W 830 | 4058075823617 | 8 | G5 | 288 | 4 | 380 | 95 | 3000 | 190 | 80 | 30000 | A | 25 | 1 |
| LED TUBE T5 HF L8 SHORT V 288 mm 4W 840 | 4058075823631 | 8 | G5 | 288 | 4 | 400 | 100 | 4000 | 190 | 80 | 30000 | A | 25 | 1 |
| LED TUBE T5 HF L13 SHORT V 517 mm 7W 830 | 4058075823655 | 13 | G5 | 517 | 7 | 770 | 110 | 3000 | 190 | 80 | 30000 | A | 25 | 1 |
| LED TUBE T5 HF L13 SHORT V 517 mm 7W 840 | 4058075823679 | 13 | G5 | 517 | 7 | 850 | 121 | 4000 | 190 | 80 | 30000 | A | 25 | 1 |

SAFETY ADVICE

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

The operating temperature range of LED tube is restricted. In case of doubt regarding suitability of the application please measure T_c max emperature on the product prior to installation.

Not suitable for emergency lighting.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED TUBE T8 EXTERNAL P¹

LED TUBE T8 EXTERNAL for LED DRIVER EXTERNAL



1



PRODUCT FEATURES

- Designed for operation with LED DRIVER LED TUBE EXTERNAL DALI
- Lamp tube made of glass with shatter protection

PRODUCT BENEFITS

- Shatter protection thanks to special PET coating
- No bending thanks to glass tube
- Very high resistance to switching loads
- 5 year guarantee

AREAS OF APPLICATION

- Industrial lighting (e.g. manufacturing plants, logistic centers, warehouses)
- Linear lighting for office, education, storage areas and retail
- Shops, supermarkets
- Suitable for indoor SELV installations
- General illumination within ambient temperatures from -20...+50°C

| Product name | GTIN (EAN) | w | W | l | W | lm | lm/w | K | °C | CRI | t _h | LED | IP | Na |
|--|---------------|----|-----|------|----|------|------|------|-----|-----|----------------|-----|----|----|
| LED TUBE T8 EXT P 15 W/4000 K 1200 mm ² | 4058075730595 | 36 | G13 | 1200 | 15 | 2400 | 160 | 4000 | 190 | 80 | 50000 | LED | 25 | 1 |
| LED TUBE T8 EXT P 15 W/6500 K 1200 mm ² | 4058075730618 | 36 | G13 | 1200 | 15 | 2400 | 160 | 6500 | 190 | 80 | 50000 | LED | 25 | 1 |
| LED TUBE T8 EXT P 23 W/4000 K 1500 mm ² | 4058075730557 | 58 | G13 | 1500 | 23 | 3700 | 160 | 4000 | 190 | 80 | 50000 | LED | 25 | 1 |
| LED TUBE T8 EXT P 23 W/6500 K 1500 mm ² | 4058075730571 | 58 | G13 | 1500 | 23 | 3700 | 160 | 6500 | 190 | 80 | 50000 | LED | 25 | 1 |

SAFETY ADVICE

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction. The operating temperature range of LED tube is restricted. In case of doubt regarding suitability of the application please measure T_c max emperature on the product prior to installation.

¹ Protection class: IP20 | ² Single sided LED TUBE (one-sided DC input) complying with safety requirement acc. IEC 62776:2014. Safety protection against electrical shock in misuse (ECG/CCG/Mains operation). | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED TUBE T5 EXTERNAL P¹

LED TUBE T5 EXTERNAL for LED DRIVER EXTERNAL



1



PRODUCT FEATURES

- Designed for operation with LED DRIVER LED TUBE EXTERNAL DALI
- Lamp tube made of glass with shatter protection

PRODUCT BENEFITS

- Shatter protection thanks to special PET coating
- No bending thanks to glass tube
- Very high resistance to switching loads
- 5 year guarantee

AREAS OF APPLICATION

- Industrial lighting (e.g. manufacturing plants, logistic centers, warehouses)
- Linear lighting for office, education, storage areas and retail
- Shops, supermarkets
- Suitable for indoor SELV installations
- General illumination within ambient temperatures from -20...+50°C

| Product name | GTIN (EAN) | W | W | L (mm) | W | lm | lm/W | K | °C | CRI | t _h | Energy efficiency class | Warranty | RoHS |
|---|---------------|----|----|--------|----|------|------|------|-----|-----|----------------|-------------------------|----------|------|
| LED TUBE T5 EXT H054 P 26 W/4000 K 1149 mm ² | 4058075730472 | 54 | G5 | 1149 | 26 | 4000 | 153 | 4000 | 180 | 80 | 50000 | A | 25 | 1 |
| LED TUBE T5 EXT H054 P 26 W/6500 K 1149 mm ² | 4058075730496 | 54 | G5 | 1149 | 26 | 4000 | 153 | 6500 | 180 | 80 | 50000 | A | 25 | 1 |
| LED TUBE T5 EXT HE35 P 18 W/4000 K 1449 mm ² | 4058075730519 | 35 | G5 | 1449 | 18 | 2800 | 155 | 4000 | 180 | 80 | 50000 | A | 25 | 1 |
| LED TUBE T5 EXT HE35 P 18 W/6500 K 1449 mm ² | 4058075730533 | 35 | G5 | 1449 | 18 | 2800 | 155 | 6500 | 180 | 80 | 50000 | A | 25 | 1 |
| LED TUBE T5 EXT H049 P 26 W/4000 K 1449 mm ² | 4058075730434 | 49 | G5 | 1449 | 26 | 4000 | 153 | 4000 | 180 | 80 | 50000 | A | 25 | 1 |
| LED TUBE T5 EXT H049 P 26 W/6500 K 1449 mm ² | 4058075730458 | 49 | G5 | 1449 | 26 | 4000 | 153 | 6500 | 180 | 80 | 50000 | A | 25 | 1 |
| LED TUBE T5 EXT H080 P 37 W/4000 K 1449 mm ² | 4058075730410 | 80 | G5 | 1449 | 37 | 5600 | 151 | 4000 | 180 | 80 | 50000 | A | 25 | 1 |
| LED TUBE T5 EXT H080 P 37 W/6500 K 1449 mm ² | 4058075730397 | 80 | G5 | 1449 | 37 | 5600 | 151 | 6500 | 180 | 80 | 50000 | A | 25 | 1 |

SAFETY ADVICE

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

The operating temperature range of LED tube is restricted. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Single sided LED TUBE (one-sided DC input) complying with safety requirement acc. IEC 62776:2014. Safety protection against electrical shock in misuse (ECG/CCG/Mains operation). | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED DRIVER LED TUBE EXTERNAL DALI P¹

Constant current LED DRIVER EXTERNAL for LED TUBE EXTERNAL T5/T8 – indoor



PRODUCT FEATURES

- Compatible with LEDVANCE LED TUBE EXTERNAL
- Safety extra-low voltage (SELV) driver
- Advanced applications with DALI light installations
- Lifetime: > 100,000 h (for T_c = 65°C)
- ENEC-certified safety

PRODUCT BENEFITS

- High flexibility due to adjustable output currents via dip switch
- DALI 2.0 interface for dimming and sensor operations
- High-quality dimming of 1...100 %
- Push DIM application for easy control
- Very high resistance to switching loads
- 5 years guarantee

AREAS OF APPLICATION

- Suitable for luminaires of protection class I
- General illumination within ambient temperatures from -20...+50°C
- Linear lighting for office, education, storage areas and retail
- Industrial lighting (e.g. manufacturing plants, logistic centers, warehouses)
- Shops, supermarkets
- Installation in emergency lighting systems according to IEC 61347-2-13, appendix J

| Product name | GTIN (EAN) | l (mm) | W | t _{in} ³ | | | No. |
|---------------------------------|---------------|-------------|------|------------------------------|----|---|-----|
| DR EXT DALI-P -1X15-37W 220-240 | 4058075730632 | 286 | 38.7 | 100 000 | 25 | 1 | |
| DR EXT DALI-P -2X15-26W 220-240 | 4058075730656 | 360 | 54 | 100 000 | 25 | 2 | |

SAFETY ADVICE

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

¹ Protection class: IP20 | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ T_c: 65°C; 10% failure rate

LED TUBE T9 EM V^{1,2}

Circular LED tube for electromagnetic control gear (CCG) and AC mains



1



PRODUCT FEATURES

- LED alternative to classic T9 fluorescent lamps in CCG luminaires
- Uniform illumination
- Lifetime: up to 30,000 h
- Mercury-free and RoHS compliant

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Energy savings of up to 50% (compared to T9 fluorescent lamp)
- Also suitable for operation at low temperatures
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45°C
- Corridors, stairways, parking garages
- Domestic applications
- Decorative applications

| Product name | GTIN (EAN) | W | mm | mm | W | lm | lm/W | K | °C | CRI | t _h | h | h | h |
|--------------------------------------|---------------|----|------|-----|------|------|------|------|-----|-----|----------------|----|---|---|
| LED TUBE T9 C 22 EM V 11W 830 G10Q | 4099854042447 | 22 | G10q | 212 | 11 | 1200 | 109 | 3000 | 110 | 80 | 30000 | 10 | 1 | |
| LED TUBE T9 C 22 EM V 11W 840 G10Q | 4099854042461 | 22 | G10q | 212 | 11 | 1320 | 120 | 4000 | 110 | 80 | 30000 | 10 | 1 | |
| LED TUBE T9 C 22 EM V 11W 865 G10Q | 4099854042485 | 22 | G10q | 212 | 11 | 1320 | 120 | 6500 | 110 | 80 | 30000 | 10 | 1 | |
| LED TUBE T9 C 32 EM V 18.3W 830 G10Q | 4099854042508 | 32 | G10q | 300 | 18.3 | 2000 | 109 | 3000 | 110 | 80 | 30000 | 10 | 1 | |
| LED TUBE T9 C 32 EM V 18.3W 840 G10Q | 4099854042522 | 32 | G10q | 300 | 18.3 | 2200 | 120 | 4000 | 110 | 80 | 30000 | 10 | 1 | |
| LED TUBE T9 C 32 EM V 18.3W 865 G10Q | 4099854042546 | 32 | G10q | 300 | 18.3 | 2200 | 120 | 6500 | 110 | 80 | 30000 | 10 | 1 | |
| LED TUBE T9 C 40 EM V 24W 840 G10Q | 4099854042560 | 40 | G10q | 400 | 24 | 2900 | 120 | 4000 | 110 | 80 | 30000 | 10 | 1 | |
| LED TUBE T9 C 40 EM V 24W 865 G10Q | 4099854042584 | 40 | G10q | 400 | 24 | 2900 | 120 | 6500 | 110 | 80 | 30000 | 10 | 1 | |

SAFETY ADVICE

Not suitable for operation with electronic control gear.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



HQL LED P¹

LED replacement for HQL lamps in demanding outdoor applications



PRODUCT FEATURES

- Replacement for HQL: Suitable for operation with conventional control gear (CCG) for HQL or 230 V mains
- Replacement for other HID: Suitable for operation with line voltage without control gear
- Power factor: 0.9
- Type of protection: IP65
- High surge protection: up to 6 kV (L-N)

PRODUCT BENEFITS

- Saves up to 78 % energy when used as replacement for mercury vapor lamps (HQL)
- Low maintenance costs thanks to long lifetime
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Streets
- Area lighting
- Pedestrian zones
- Parks
- Outdoor applications only in suitable luminaires

| Product name | GTIN (EAN) | W _{LED} | W _{HQL} | W | lm | K | CRI | I _{pin} | Ø _{pin} | t _h | Energy efficiency class (EEC) | Dimmable | Surge protection | Light bulb icon |
|--------------------------------|---------------|------------------|------------------|------|-------|------|-----|------------------|------------------|----------------|-------------------------------|----------|------------------|-----------------|
| HQL LED P 1800LM 14.5W 827 E27 | 4099854040603 | 50 | E27 | 14.5 | 1800 | 2700 | 80 | 138 | 56 | 360 | 60 000 | ▶ | 6 | 1 |
| HQL LED P 2000LM 14.5W 840 E27 | 4099854040627 | 50 | E27 | 14.5 | 2000 | 4000 | 80 | 138 | 56 | 360 | 60 000 | ▶ | 6 | 1 |
| HQL LED P 2700LM 21.5W 827 E27 | 4099854040641 | 80 | E27 | 21.5 | 2700 | 2700 | 80 | 145 | 76 | 360 | 60 000 | ▶ | 6 | 2 |
| HQL LED P 3000LM 21.5W 840 E27 | 4099854040665 | 80 | E27 | 21.5 | 3000 | 4000 | 80 | 145 | 76 | 360 | 60 000 | ▶ | 6 | 2 |
| HQL LED P 3600LM 29W 827 E27 | 4099854040689 | 80 | E27 | 29 | 3600 | 2700 | 80 | 172 | 76 | 360 | 60 000 | ▶ | 6 | 3 |
| HQL LED P 4000LM 29W 840 E27 | 4099854040702 | 80 | E27 | 29 | 4000 | 4000 | 80 | 172 | 76 | 360 | 60 000 | ▶ | 6 | 3 |
| HQL LED P 5400LM 41W 827 E27 | 4099854040726 | 125 | E27 | 41 | 5400 | 2700 | 80 | 195 | 80 | 360 | 60 000 | ▶ | 6 | 4 |
| HQL LED P 6000LM 41W 840 E27 | 4099854040740 | 125 | E27 | 41 | 6000 | 4000 | 80 | 195 | 80 | 360 | 60 000 | ▶ | 6 | 4 |
| HQL LED P 5400LM 41W 827 E40 | 4099854040764 | 125 | E40 | 41 | 5400 | 2700 | 80 | 202 | 80 | 360 | 60 000 | ▶ | 6 | 5 |
| HQL LED P 6000LM 41W 840 E40 | 4099854040788 | 125 | E40 | 41 | 6000 | 4000 | 80 | 202 | 80 | 360 | 60 000 | ▶ | 6 | 5 |
| HQL LED P 11700LM 90W 827 E40 | 4099854040801 | 250 | E40 | 90 | 11700 | 2700 | 80 | 270 | 110 | 360 | 60 000 | ▶ | 6 | 6 |
| HQL LED P 13000LM 90W 840 E40 | 4099854040825 | 250 | E40 | 90 | 13000 | 4000 | 80 | 270 | 110 | 360 | 60 000 | ▶ | 6 | 6 |

SAFETY ADVICE

The bulb may be larger and heavier than the replaced bulb. Before installation it must be checked, if the luminaire and especially the holder is capable of carrying the weight of the lamp. If possible, please install the safety rope included in the package containing the lamp for the types 90 W lamps.

Not suitable for operation with ignitors.

Operation on the capacitor can lead to a reduction of the power factor of the system.

When installed horizontally, the t_c point of the lamp is located on the top side of the lamp.

Use in tight luminaires and luminaires with tight reflectors not recommended.

¹ Non-dimmable | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

HQL LED P ACCESSORIES

Accessories for HQL LED lamps



1

PRODUCT FEATURES

- Optional installation for shadowing
- Available for 2000 lm, 3000 lm and 4000 lm HQL LED lamps

PRODUCT BENEFITS

- Support reduction of circadian disruption and improve the residents' life quality
- Very easy to install on lamp and shift to desired direction inside of luminaire

AREAS OF APPLICATION

- Streets, residential areas, pedestrian zones, parks

| Product name | GTIN (EAN) |  |  |  |  |
|--|---------------|---|---|---|---|
| HQL LED P ACCESSORIES 2000LM LAMP SHADE ¹ | 4099854040849 | 90 | 56 | 6 | 1 |
| HQL LED P ACCESSORIES 3000LM LAMP SHADE ² | 4099854040863 | 96 | 64 | 6 | 1 |
| HQL LED P ACCESSORIES 4000LM LAMP SHADE ³ | 4099854040887 | 125 | 64 | 6 | 1 |

SAFETY ADVICE

Only to be used with LEDVANCE HQL LED P lamps.

Use in very tight or narrow luminaires is not recommended as this can shorten the lifetime of the lamp.

¹ Optional accessory for the following HQL LED lamps: HQL LED 1800 14,5W 4099854040603 and HQL LED 2000 14,5W 4099854040627 | ² Optional accessory for the following HQL LED lamps: HQL LED 2700 21,5W 4099854040641 and HQL LED 3000 21,5W 4099854040665 | ³ Optional accessory for the following HQL LED lamps: HQL LED 3600 29W 4099854040689 and HQL LED 4000 29W 4099854040702

HQL LED FIL V¹

LED replacement for HQL lamps in design-oriented outdoor applications



PRODUCT FEATURES

- Replacement for HQL: Suitable for operation with conventional control gear (CCG) for HQL or 230 V mains
- Replacement for other HID: Suitable for operation with line voltage without control gear
- Power factor: 0.9
- Type of protection: IP65
- Surge protection: up to 2 kV (L-N)

PRODUCT BENEFITS

- Same design as traditional HQL lamps with frosted, ellipsoid full glass bulb
- Full use of reflector of existing luminaire thanks to 360 degree beam angle
- Saves up to 78 % energy when used as replacement for mercury vapor lamps (HQL)
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Streets
- Area lighting
- Pedestrian zones
- Parks
- Outdoor applications only in suitable luminaires

| Product name | GTIN (EAN) | W _{eq} | W | lm | K | CRI | I _{pr} (lm) | d (mm) | t _h | Energy efficiency class (EEC) | RoHS | REACH | LEDVANCE | |
|----------------------------------|---------------|-----------------|-----|----|------|------|----------------------|--------|----------------|-------------------------------|-------|-------|----------|---|
| HQL LED FIL V 1800LM 13W 827 E27 | 4099854071737 | 50 | E27 | 13 | 1800 | 2700 | 80 | 151 | 75 | 360 | 25000 | A | 6 | 1 |
| HQL LED FIL V 2000LM 13W 840 E27 | 4099854071751 | 50 | E27 | 13 | 2000 | 4000 | 80 | 151 | 75 | 360 | 25000 | A | 6 | 1 |
| HQL LED FIL V 2700LM 20W 827 E27 | 4099854071775 | 80 | E27 | 20 | 2700 | 2700 | 80 | 151 | 75 | 360 | 25000 | A | 6 | 1 |
| HQL LED FIL V 3000LM 20W 840 E27 | 4099854071799 | 80 | E27 | 20 | 3000 | 4000 | 80 | 151 | 75 | 360 | 25000 | A | 6 | 1 |
| HQL LED FIL V 3600LM 24W 827 E27 | 4099854071812 | 80 | E27 | 24 | 3600 | 2700 | 80 | 217 | 90 | 360 | 25000 | A | 6 | 2 |
| HQL LED FIL V 4000LM 24W 840 E27 | 4099854071836 | 80 | E27 | 24 | 4000 | 4000 | 80 | 217 | 90 | 360 | 25000 | A | 6 | 2 |
| HQL LED FIL V 5400LM 38W 827 E27 | 4099854071850 | 125 | E27 | 38 | 5400 | 2700 | 80 | 217 | 90 | 360 | 25000 | A | 6 | 2 |
| HQL LED FIL V 6000LM 38W 840 E27 | 4099854071874 | 125 | E27 | 38 | 6000 | 4000 | 80 | 217 | 90 | 360 | 25000 | A | 6 | 2 |
| HQL LED FIL V 5400LM 38W 827 E40 | 4099854071898 | 125 | E40 | 38 | 5400 | 2700 | 80 | 202 | 90 | 360 | 25000 | A | 6 | 3 |
| HQL LED FIL V 6000LM 38W 840 E40 | 4099854071911 | 125 | E40 | 38 | 6000 | 4000 | 80 | 202 | 90 | 360 | 25000 | A | 6 | 3 |
| HQL LED FIL V 8100LM 60W 827 E40 | 4099854071935 | 250 | E40 | 60 | 8100 | 2700 | 80 | 260 | 120 | 360 | 25000 | A | 6 | 4 |
| HQL LED FIL V 9000LM 60W 840 E40 | 4099854071959 | 250 | E40 | 60 | 9000 | 4000 | 80 | 260 | 120 | 360 | 25000 | A | 6 | 4 |

SAFETY ADVICE

Not suitable for operation with ignitors.

Operation on the capacitor can lead to a reduction of the power factor of the system.

When installed horizontally, the t_h point of the lamp is located on the top side of the lamp.

Use in tight luminaires and luminaires with tight reflectors not recommended.

Only suitable for temperatures of up to 50°C inside of the luminaire. Use in tight luminaires and luminaires with tight reflectors not recommended.

¹ Non-dimmable | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

NAV LED FIL V¹

LED replacement for NAV lamps in design-oriented outdoor applications



IP 65

CCG

230V



PRODUCT FEATURES

- Suitable for operation with conventional control gear (CCG) or 230 V AC mains
- Very high efficiency of up to 190 lm/W
- Power factor: 0.9
- Type of protection: IP65
- Surge protection: up to 2 kV (L-N)

PRODUCT BENEFITS

- Same design as traditional NAV lamps with frosted, ellipsoid full glass bulb
- Full use of reflector of existing luminaire thanks to 360 degree beam angle
- Saves up to 78 % energy when used as replacement for sodium vapor lamps (NAV)
- Instant 100 % light, no warm-up time
- Similar light distribution as traditional NAV lamps

AREAS OF APPLICATION

- Streets
- Area lighting
- Pedestrian zones
- Parks
- Outdoor applications only in suitable luminaires

| Product name | GTIN (EAN) | W | lm | K | CRI | I (lm) | φ (mm) | t _h (°C) | Energy efficiency class (EEC) | Number of lamps per box | Number of boxes per pallet | | | |
|--------------------------------------|---------------|-----|-----|----|------|--------|--------|---------------------|-------------------------------|-------------------------|----------------------------|---|---|---|
| NAV 50 LED FIL V 3600LM 21W 727 E27 | 4099854071973 | 50 | E27 | 21 | 3600 | 2700 | 70 | 170 | 38 | 360 | 25000 | A | 6 | 1 |
| NAV 50 LED FIL V 4000LM 21W 740 E27 | 4099854071997 | 50 | E27 | 21 | 4000 | 4000 | 70 | 170 | 38 | 360 | 25000 | A | 6 | 1 |
| NAV 70 LED FIL V 5400LM 35W 727 E27 | 4099854072017 | 70 | E27 | 35 | 5400 | 2700 | 70 | 210 | 38 | 360 | 25000 | A | 6 | 2 |
| NAV 70 LED FIL V 6000LM 35W 740 E27 | 4099854072031 | 70 | E27 | 35 | 6000 | 4000 | 70 | 210 | 38 | 360 | 25000 | A | 6 | 2 |
| NAV 100 LED FIL V 7000LM 41W 727 E40 | 4099854072055 | 100 | E40 | 41 | 7000 | 2700 | 70 | 225 | 46 | 360 | 25000 | A | 6 | 3 |
| NAV 100 LED FIL V 7500LM 41W 740 E40 | 4099854072079 | 100 | E40 | 41 | 7500 | 4000 | 70 | 225 | 46 | 360 | 25000 | A | 6 | 3 |

SAFETY ADVICE

Not suitable for operation with ignitors.

Operation on the capacitor can lead to a reduction of the power factor of the system.

When installed horizontally, the t_c point of the lamp is located on the top side of the lamp.

Use in tight luminaires and luminaires with tight reflectors not recommended.

Only suitable for temperatures of up to 50°C inside of the luminaire. Use in tight luminaires and luminaires with tight reflectors not recommended.

¹ Non-dimmable | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

HID LED Highbay Universal¹

LED replacement for HID lamps for high-bay luminaires



1



PRODUCT FEATURES

- Type of protection: IP40
- High surge protection: up to 4 kV (L-N)

PRODUCT BENEFITS

- Direct replacement for traditional HID lamps thanks to CCG and ignitor compatibility
- Operation on AC mains for highest energy efficiency possible
- Energy savings of up to 68 % when replacing traditional HQI lamps
- Effective thermal management for wide operating temperature range
- Low maintenance costs thanks to long lifetime

AREAS OF APPLICATION

- LED alternative for applications requiring a high luminous flux
- Industrial and storage facilities
- Outdoor applications only in suitable luminaires

| Product name | GTIN (EAN) | W | W | lm | K | CRI | I (mm) | d (mm) | t (h) | Energy efficiency class | Superior class | Performance class | Value class | |
|---|---------------|-----|-----|-----|--------|-------|--------|--------|-------|-------------------------|----------------|-------------------|-------------|---|
| HID LED Highbay Universal 14000 lm 105 W/4000 K E40 | 4058075780385 | 250 | E40 | 105 | 14 000 | 4 000 | 80 | 263 | 250 | 100 | 50 000 | A | 4 | 1 |
| HID LED Highbay Universal 21000 lm 150 W/4000 K E40 | 4058075780408 | 250 | E40 | 150 | 21 000 | 4 000 | 80 | 263 | 250 | 100 | 50 000 | A | 4 | 1 |
| HID LED Highbay Universal 25000 lm 160 W/4000 K E40 | 4058075780422 | 250 | E40 | 160 | 25 000 | 4 000 | 80 | 263 | 250 | 100 | 50 000 | A | 4 | 1 |

SAFETY ADVICE

The bulb may be larger and heavier than the replaced bulb. Before installation it must be checked, if the luminaire and especially the holder is capable of carrying the weight of the lamp. Safety sling has to be installed.

To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

Only suitable for temperatures of up to 50°C inside of the luminaire.

Not suitable for operation with electronic control gear.

¹ Non-dimmable | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

DULUX LED D EM & AC MAINS V^{1,2}

LED replacement for CFLni with 2-pin G24d base for CCG and AC mains operation



1



CCG

230V

LEDVANCE
3
year
guarantee

PRODUCT FEATURES

- LED replacement for conventional compact fluorescent lamps for use in CCG luminaires or on AC mains
- Lifetime: up to 30,000 h
- Rotatable base around its longitudinal axis ($\pm 90^\circ$)
- Single-ended two-pin plug-in G24d base

PRODUCT BENEFITS

- Easy installation
- Low energy consumption
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- General illumination within ambient temperatures from $-20\dots+45^\circ\text{C}$
- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants

| Product name | GTIN (EAN) | w | W | lm | K | CRI | I (lm) | d (mm) | t _h | Energy efficiency class (EEC) | RoHS | REACH | | |
|---|---------------|----|--------|----|------|------|--------|--------|----------------|-------------------------------|-------|-------|----|---|
| DULUX LED D10 EM & AC MAINS V 5W 830 G24D-1 | 4058075823051 | 10 | G24d-1 | 5 | 540 | 3000 | 80 | 110 | 35 | 120 | 30000 | A | 10 | 1 |
| DULUX LED D10 EM & AC MAINS V 5W 840 G24D-1 | 4058075823075 | 10 | G24d-1 | 5 | 600 | 4000 | 80 | 110 | 35 | 120 | 30000 | A | 10 | 1 |
| DULUX LED D13 EM & AC MAINS V 6W 830 G24D-1 | 4058075823099 | 13 | G24d-1 | 6 | 600 | 3000 | 80 | 148 | 35 | 120 | 30000 | A | 10 | 1 |
| DULUX LED D13 EM & AC MAINS V 6W 840 G24D-1 | 4058075823112 | 13 | G24d-1 | 6 | 660 | 4000 | 80 | 148 | 35 | 120 | 30000 | A | 10 | 1 |
| DULUX LED D18 EM & AC MAINS V 7W 830 G24D-2 | 4058075823136 | 18 | G24d-2 | 7 | 700 | 3000 | 80 | 148 | 35 | 120 | 30000 | A | 10 | 1 |
| DULUX LED D18 EM & AC MAINS V 7W 840 G24D-2 | 4058075823150 | 18 | G24d-2 | 7 | 770 | 4000 | 80 | 148 | 35 | 120 | 30000 | A | 10 | 1 |
| DULUX LED D26 EM & AC MAINS V 9W 830 G24D-3 | 4058075823174 | 26 | G24d-3 | 9 | 990 | 3000 | 80 | 171 | 35 | 120 | 30000 | A | 10 | 1 |
| DULUX LED D26 EM & AC MAINS V 9W 840 G24D-3 | 4058075823198 | 26 | G24d-3 | 9 | 1100 | 4000 | 80 | 171 | 35 | 120 | 30000 | A | 10 | 1 |

SAFETY ADVICE

Not suitable for tandem operation.

The operating temperature range of DULUX LED is restricted. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

DULUX LED D VT EM & AC MAINS V^{1,2}

LED replacement for CFLni with 2-pin G24d base for CCG and AC mains operation



1



CCG

230V

LEDVANCE
3
year
guarantee

PRODUCT FEATURES

- LED replacement for conventional compact fluorescent lamps for use in CCG luminaires or on AC mains
- Only suitable for vertical application
- Lifetime: up to 30,000 h
- Single-ended two-pin plug-in G24d base

PRODUCT BENEFITS

- Easy installation
- Low energy consumption
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45°C
- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants

| Product name | GTIN (EAN) | W | W | lm | K | CRI | I (lm) | d (mm) | t _h | Energy efficiency class (EEC) | RoHS | REACH | | |
|--|---------------|----|------|-----|------|------|--------|--------|----------------|-------------------------------|-------|-------|----|---|
| DULUX LED D13 VT EM & AC MAINS V 5.5W 830 G24D | 4058075821811 | 13 | G24d | 5.5 | 640 | 3000 | 80 | 103 | 37.7 | 120 | 30000 | A | 10 | 1 |
| DULUX LED D13 VT EM & AC MAINS V 5.5W 840 G24D | 4058075821835 | 13 | G24d | 5.5 | 700 | 4000 | 80 | 103 | 37.7 | 120 | 30000 | A | 10 | 1 |
| DULUX LED D18 VT EM & AC MAINS V 7.5W 830 G24D | 4058075821859 | 18 | G24d | 7.5 | 870 | 3000 | 80 | 117 | 37.7 | 120 | 30000 | A | 10 | 1 |
| DULUX LED D18 VT EM & AC MAINS V 7.5W 840 G24D | 4058075821873 | 18 | G24d | 7.5 | 950 | 4000 | 80 | 117 | 37.7 | 120 | 30000 | A | 10 | 1 |
| DULUX LED D26 VT EM & AC MAINS V 9.5W 830 G24D | 4058075821897 | 26 | G24d | 9.5 | 1080 | 3000 | 80 | 125.5 | 37.7 | 120 | 30000 | A | 10 | 1 |
| DULUX LED D26 VT EM & AC MAINS V 9.5W 840 G24D | 4058075821910 | 26 | G24d | 9.5 | 1200 | 4000 | 80 | 125.5 | 37.7 | 120 | 30000 | A | 10 | 1 |

SAFETY ADVICE

Not suitable for tandem operation.

The operating temperature range of DULUX LED is restricted. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

DULUX LED D/E HF & AC MAINS V^{1,2}

LED replacement for CFLni, with 4-pin G24q base for ECG and AC mains operation



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- LED replacement for conventional compact fluorescent lamps for use in ECG luminaires or on AC mains
- Lifetime: up to 30,000 h
- Rotatable base around its longitudinal axis ($\pm 90^\circ$)
- Single-ended four-pin plug-in G24q base

PRODUCT BENEFITS

- Easy installation
- Low energy consumption
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- General illumination within ambient temperatures from $-20\dots+45^\circ\text{C}$
- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants

| Product name | GTIN (EAN) | W _{LED} | W _{CFI} | W | lm | K | CRI | I _{pin} | d _{pin} | t _h | t _h | Energy efficiency class (EEC) | RoHS | REACH |
|--|---------------|------------------|------------------|----|------|------|-----|------------------|------------------|----------------|----------------|-------------------------------|------|-------|
| DULUX LED D/E13 HF & AC MAINS V 6W 830 G24Q-1 | 4058075821934 | 13 | G24q-1 | 6 | 600 | 3000 | 80 | 142.8 | 33 | 120 | 30000 | A | 10 | 1 |
| DULUX LED D/E13 HF & AC MAINS V 6W 840 G24Q-1 | 4058075821958 | 13 | G24q-1 | 6 | 660 | 4000 | 80 | 142.8 | 33 | 120 | 30000 | A | 10 | 1 |
| DULUX LED D/E18 HF & AC MAINS V 7W 830 G24Q-2 | 4058075821972 | 18 | G24q-2 | 7 | 700 | 3000 | 80 | 142.8 | 33 | 120 | 30000 | A | 10 | 1 |
| DULUX LED D/E18 HF & AC MAINS V 7W 840 G24Q-2 | 4058075821996 | 18 | G24q-2 | 7 | 770 | 4000 | 80 | 142.8 | 33 | 120 | 30000 | A | 10 | 1 |
| DULUX LED D/E26 HF & AC MAINS V 10W 830 G24Q-3 | 4058075822016 | 26 | G24q-3 | 10 | 990 | 3000 | 80 | 169.8 | 33 | 120 | 30000 | A | 10 | 2 |
| DULUX LED D/E26 HF & AC MAINS V 10W 840 G24Q-3 | 4058075822030 | 26 | G24q-3 | 10 | 1100 | 4000 | 80 | 169.8 | 33 | 120 | 30000 | A | 10 | 2 |

SAFETY ADVICE

Always check the latest update of the compatibility list available on www.ledvance.com/ecg-compatibility.

The operating temperature range of DULUX LED is restricted. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

DULUX LED S EM & AC MAINS V^{1,2}

LED replacement for short CFLni, with 2-pin G23 base for CCG and AC mains operation



PRODUCT FEATURES

- LED replacement for conventional compact fluorescent lamps for use in CCG luminaires or on AC mains
- Lifetime: up to 30,000 h
- Single-ended two-pin plug-in G23 base
- Type of protection: IP20

PRODUCT BENEFITS

- Easy installation
- Low energy consumption
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45°C
- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants

| Product name | GTIN (EAN) | w | W | lm | K | CRI | I (lm) | d (mm) | t _h | Energy efficiency class (EEC) | RoHS | WEEE | | |
|---|---------------|----|-----|-----|-----|-------|--------|--------|----------------|-------------------------------|--------|------|----|---|
| DULUX LED S7 EM & AC MAINS V 3.5W 830 G23 | 4058075822931 | 7 | G23 | 3.5 | 360 | 3 000 | 80 | 135 | 32.3 | 120 | 30 000 | A | 10 | 1 |
| DULUX LED S7 EM & AC MAINS V 3.5W 840 G23 | 4058075822955 | 7 | G23 | 3.5 | 400 | 4 000 | 80 | 135 | 32.3 | 120 | 30 000 | A | 10 | 1 |
| DULUX LED S9 EM & AC MAINS V 4W 830 G23 | 4058075822979 | 9 | G23 | 4 | 500 | 3 000 | 80 | 165 | 32.3 | 120 | 30 000 | A | 10 | 2 |
| DULUX LED S9 EM & AC MAINS V 4W 840 G23 | 4058075822993 | 9 | G23 | 4 | 550 | 4 000 | 80 | 165 | 32.3 | 120 | 30 000 | A | 10 | 2 |
| DULUX LED S11 EM & AC MAINS V 6W 830 G23 | 4058075823013 | 11 | G23 | 6 | 630 | 3 000 | 80 | 220 | 32.3 | 120 | 30 000 | A | 10 | 3 |
| DULUX LED S11 EM & AC MAINS V 6W 840 G23 | 4058075823037 | 11 | G23 | 6 | 700 | 4 000 | 80 | 220 | 32.3 | 120 | 30 000 | A | 10 | 3 |

SAFETY ADVICE

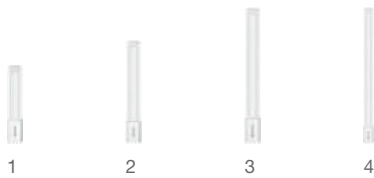
Suitable for tandem operation.

The operating temperature range of DULUX LED is restricted. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

DULUX LED L HF & AC MAINS V^{1,2}

LED replacement for CFLni, with 4-pin 2G11 base for ECG and AC mains operation



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- LED replacement for conventional compact fluorescent lamps for use in ECG luminaires or on AC mains
- Lifetime: up to 30,000 h
- Single-ended four-pin plug-in 2G11 base
- Type of protection: IP20

PRODUCT BENEFITS

- Easy installation
- Low energy consumption
- Not suitable for operation with conventional control gear
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45°C
- Offices, public buildings
- Shops
- Hotels, restaurants
- Industry

| Product name | GTIN (EAN) | W | W | lm | K | CRI | I (lm) | d (mm) | t _h | Energy efficiency class (EEC) | RoHS | WEEE | | |
|--|---------------|----|------|----|------|------|--------|--------|----------------|-------------------------------|-------|------|----|---|
| DULUX LED L18 HF & AC MAINS V 8W 830 2G11 | 4058075822054 | 18 | 2G11 | 8 | 900 | 3000 | 80 | 229.5 | 44 | 140 | 30000 | A | 10 | 1 |
| DULUX LED L18 HF & AC MAINS V 8W 840 2G11 | 4058075822078 | 18 | 2G11 | 8 | 1000 | 4000 | 80 | 229.5 | 44 | 140 | 30000 | A | 10 | 1 |
| DULUX LED L24 HF & AC MAINS V 12W 830 2G11 | 4058075822092 | 24 | 2G11 | 12 | 1350 | 3000 | 80 | 324.5 | 44 | 140 | 30000 | A | 10 | 2 |
| DULUX LED L24 HF & AC MAINS V 12W 840 2G11 | 4058075822115 | 24 | 2G11 | 12 | 1500 | 4000 | 80 | 324.5 | 44 | 140 | 30000 | A | 10 | 2 |
| DULUX LED L36 HF & AC MAINS V 18W 830 2G11 | 4058075822139 | 36 | 2G11 | 18 | 2070 | 3000 | 80 | 416.5 | 44 | 140 | 30000 | A | 10 | 3 |
| DULUX LED L36 HF & AC MAINS V 18W 840 2G11 | 4058075822153 | 36 | 2G11 | 18 | 2300 | 4000 | 80 | 416.5 | 44 | 140 | 30000 | A | 10 | 3 |
| DULUX LED L55 HF & AC MAINS V 25W 830 2G11 | 4058075822177 | 55 | 2G11 | 25 | 2950 | 3000 | 80 | 537 | 44 | 140 | 30000 | A | 10 | 4 |
| DULUX LED L55 HF & AC MAINS V 25W 840 2G11 | 4058075822191 | 55 | 2G11 | 25 | 3250 | 4000 | 80 | 537 | 44 | 140 | 30000 | A | 10 | 4 |

SAFETY ADVICE

Always check the latest update of the compatibility list available on www.ledvance.com/ecg-compatibility.

Not suitable for operation with conventional control gear.

The operating temperature range of DULUX LED is restricted. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

DULUX LED F EM & AC MAINS V^{1,2}

LED replacement for flat CFLni with 4-pin 2G10 base for CCG and AC mains operation



1



CCG

230V

LEDVANCE
3
year
guarantee

PRODUCT FEATURES

- LED replacement for conventional compact fluorescent lamps for use in CCG luminaires or on AC mains
- Lifetime: up to 30,000 h
- Single-ended four-pin plug-in 2G10 base
- Type of protection: IP20

PRODUCT BENEFITS

- Easy installation
- Low energy consumption
- Not suitable for operation with electronic control gear
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45°C
- Offices
- Walkways and corridors
- Hotels, restaurants

| Product name | GTIN (EAN) | w | W | lm | K | CRI | I (lm) | d (mm) | t (h) | Energy efficiency class (EEC) | RoHS | REACH | | |
|--|---------------|----|------|----|-------|-------|--------|--------|-------|-------------------------------|--------|-------|----|---|
| DULUX LED F18 EM & AC MAINS V 8W 830 2G10 | 4058075822412 | 18 | 2G10 | 8 | 900 | 3 000 | 80 | 128 | 89.5 | 130 | 30 000 | A | 10 | 1 |
| DULUX LED F18 EM & AC MAINS V 8W 840 2G10 | 4058075822436 | 18 | 2G10 | 8 | 1 000 | 4 000 | 80 | 128 | 89.5 | 130 | 30 000 | A | 10 | 1 |
| DULUX LED F24 EM & AC MAINS V 12W 830 2G10 | 4058075822450 | 24 | 2G10 | 12 | 1 350 | 3 000 | 80 | 169.5 | 89.5 | 130 | 30 000 | A | 10 | 1 |
| DULUX LED F24 EM & AC MAINS V 12W 840 2G10 | 4058075822474 | 24 | 2G10 | 12 | 1 500 | 4 000 | 80 | 169.5 | 89.5 | 130 | 30 000 | A | 10 | 1 |
| DULUX LED F36 EM & AC MAINS V 20W 830 2G10 | 4058075822498 | 36 | 2G10 | 20 | 2 250 | 3 000 | 80 | 221.5 | 89.5 | 130 | 30 000 | A | 10 | 1 |
| DULUX LED F36 EM & AC MAINS V 20W 840 2G10 | 4058075822511 | 36 | 2G10 | 20 | 2 500 | 4 000 | 80 | 221.5 | 89.5 | 130 | 30 000 | A | 10 | 1 |

SAFETY ADVICE

Not suitable for tandem operation.

The operating temperature range of DULUX LED is restricted. In case of doubt regarding suitability of the application please measure Tc max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

DULUX LED T EM & AC MAINS V^{1,2}

LED replacement for CFLni with 2-pin GX24d base for CCG and AC mains operation



1



PRODUCT FEATURES

- LED replacement for conventional compact fluorescent lamps for use in CCG luminaires or on AC mains
- Lifetime: up to 30,000 h
- Rotatable base around its longitudinal axis ($\pm 90^\circ$)
- Single-ended two-pin plug-in GX24d base

PRODUCT BENEFITS

- Easy installation
- Low energy consumption
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- General illumination within ambient temperatures from $-20\dots+45^\circ\text{C}$
- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants

| Product name | GTIN (EAN) | W | lm | K | CRI | I (lm) | d (mm) | t _h (h) | Energy efficiency class (EEC) | RoHS | REACH | LEDVANCE 3 year guarantee |
|--|---------------|----|------|------|-----|--------|--------|--------------------|-------------------------------|------|-------|---------------------------|
| DULUX LED T13 EM & AC MAINS V 6W 830 GX24D-1 | 4058075823211 | 13 | 630 | 3000 | 80 | 132 | 38 | 120 | 30000 | A | 10 | 1 |
| DULUX LED T13 EM & AC MAINS V 6W 840 GX24D-1 | 4058075823235 | 13 | 700 | 4000 | 80 | 132 | 38 | 120 | 30000 | A | 10 | 1 |
| DULUX LED T18 EM & AC MAINS V 7W 830 GX24D-2 | 4058075823259 | 18 | 720 | 3000 | 80 | 132 | 38 | 120 | 30000 | A | 10 | 1 |
| DULUX LED T18 EM & AC MAINS V 7W 840 GX24D-2 | 4058075823273 | 18 | 800 | 4000 | 80 | 132 | 38 | 120 | 30000 | A | 10 | 1 |
| DULUX LED T26 EM & AC MAINS V 9W 830 GX24D-3 | 4058075823297 | 26 | 1000 | 3000 | 80 | 147 | 38 | 120 | 30000 | A | 10 | 1 |
| DULUX LED T26 EM & AC MAINS V 9W 840 GX24D-3 | 4058075823310 | 26 | 1100 | 4000 | 80 | 147 | 38 | 120 | 30000 | A | 10 | 1 |

SAFETY ADVICE

Not suitable for tandem operation. The operating temperature range of DULUX LED is restricted. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

DULUX LED T/E HF & AC MAINS V^{1,2}

LED replacement for CFLni with 4-pin GX24q base for ECG and AC mains operation

Compatibility list also online:
ledvance.com/compatibility

ECG

230V

LEDVANCE
3
year
guarantee

PRODUCT FEATURES

- LED replacement for conventional compact fluorescent lamps for use in ECG luminaires or on AC mains
- Lifetime: up to 30,000 h
- Single-ended four-pin plug-in GX24q base
- Rotatable base around its longitudinal axis ($\pm 90^\circ$)

PRODUCT BENEFITS

- Easy installation
- Low energy consumption
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- General illumination within ambient temperatures from $-20\dots+45^\circ\text{C}$
- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants

| Product name | GTIN (EAN) | WxW | H | W | lm | K | CRI | I (lm/m) | d (mm) | ° | t _h ⁴ | Energy efficiency class (EEC) ⁵ | Superior Class | Performance Class | Value Class |
|---|---------------|-----|---------|----|-------|-------|-----|----------|--------|-----|-----------------------------|--|----------------|-------------------|-------------|
| DULUX LED T/E13 HF & AC MAINS V 6W 830 GX24Q-1 | 4058075822214 | 13 | GX24q-1 | 6 | 630 | 3 000 | 80 | 102.8 | 45 | 120 | 30 000 | A | 10 | 1 | |
| DULUX LED T/E13 HF & AC MAINS V 6W 840 GX24Q-1 | 4058075822238 | 13 | GX24q-1 | 6 | 700 | 4 000 | 80 | 102.8 | 45 | 120 | 30 000 | A | 10 | 1 | |
| DULUX LED T/E18 HF & AC MAINS V 7W 830 GX24Q-2 | 4058075822252 | 18 | GX24q-2 | 7 | 720 | 3 000 | 80 | 119.8 | 45 | 120 | 30 000 | A | 10 | 2 | |
| DULUX LED T/E18 HF & AC MAINS V 7W 840 GX24Q-2 | 4058075822276 | 18 | GX24q-2 | 7 | 800 | 4 000 | 80 | 119.8 | 45 | 120 | 30 000 | A | 10 | 2 | |
| DULUX LED T/E26 HF & AC MAINS V 10W 830 GX24Q-3 | 4058075822290 | 26 | GX24q-3 | 10 | 990 | 3 000 | 80 | 139.8 | 45 | 120 | 30 000 | A | 10 | 3 | |
| DULUX LED T/E26 HF & AC MAINS V 10W 840 GX24Q-3 | 4058075822313 | 26 | GX24q-3 | 10 | 1 100 | 4 000 | 80 | 139.8 | 45 | 120 | 30 000 | A | 10 | 3 | |
| DULUX LED T/E32 HF & AC MAINS V 16W 830 GX24Q-3 | 4058075822337 | 32 | GX24q-3 | 16 | 1 620 | 3 000 | 80 | 154.8 | 45 | 120 | 30 000 | A | 10 | 4 | |
| DULUX LED T/E32 HF & AC MAINS V 16W 840 GX24Q-3 | 4058075822351 | 32 | GX24q-3 | 16 | 1 800 | 4 000 | 80 | 154.8 | 45 | 120 | 30 000 | A | 10 | 4 | |
| DULUX LED T/E42 HF & AC MAINS V 20W 830 GX24Q-4 | 4058075822375 | 42 | GX24q-4 | 20 | 2 025 | 3 000 | 80 | 164.8 | 45 | 120 | 30 000 | A | 10 | 5 | |
| DULUX LED T/E42 HF & AC MAINS V 20W 840 GX24Q-4 | 4058075822399 | 42 | GX24q-4 | 20 | 2 250 | 4 000 | 80 | 164.8 | 45 | 120 | 30 000 | A | 10 | 5 | |

SAFETY ADVICE

Always check the latest update of the compatibility list available on www.ledvance.com/ecg-compatibility.

Not suitable for operation with conventional control gear.

The operating temperature range of DULUX LED is restricted. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

DULUX LED SQ EM & AC MAINS V^{1,2}

LED replacement for CFLni with 2-pin GR8 base for CCG and AC mains operation



1



PRODUCT FEATURES

- LED replacement for conventional compact fluorescent lamps for use in CCG luminaires or on AC mains
- Lifetime: up to 30,000 h
- Single-ended two-pin plug-in GR8 base
- Type of protection: IP20

PRODUCT BENEFITS

- Easy installation
- Low energy consumption
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45°C
- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants

| Product name | GTIN (EAN) | W | W | lm | K | CRI | I (lm) | d (mm) | t _h | Energy efficiency class (EEC) | RoHS | REACH | | |
|--|---------------|----|-----|----|------|------|--------|--------|----------------|-------------------------------|-------|-------|----|---|
| DULUX LED SQ16 EM & AC MAINS V 7W 830 GR8 | 4058075822535 | 16 | GR8 | 7 | 720 | 3000 | 80 | 137.1 | 134 | 130 | 30000 | A | 10 | 1 |
| DULUX LED SQ16 EM & AC MAINS V 7W 840 GR8 | 4058075822559 | 16 | GR8 | 7 | 720 | 3500 | 80 | 137.1 | 134 | 130 | 30000 | A | 10 | 1 |
| DULUX LED SQ28 EM & AC MAINS V 13W 830 GR8 | 4058075822573 | 28 | GR8 | 13 | 1350 | 3000 | 80 | 204 | 202 | 130 | 30000 | A | 10 | 1 |
| DULUX LED SQ28 EM & AC MAINS V 13W 835 GR8 | 4058075822597 | 28 | GR8 | 13 | 1350 | 3500 | 80 | 204 | 202 | 130 | 30000 | A | 10 | 1 |

SAFETY ADVICE

Not suitable for tandem operation.

The operating temperature range of DULUX LED is restricted. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED CLASSIC A/P/B DIM CRI97 S

Dimmable LED lamps, classic bulb, mini-bulb and candle shape, CRI97



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- High CRI & R9 for a natural lighting experience
- Dimmable
- LED lamps for line voltage
- Beam angle: up to 300°
- Lifetime: up to 15,000 h

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Design, dimensions, luminous flux comparable to a halogen lamp
- Very low energy consumption
- Instant 100 % light, no warm-up time
- Low flickering

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

| Product name | GTIN (EAN) | w | W | lm | K | CRI | I (lm) | d (mm) | Light | t _h | Energy | Dim | Na | |
|--|---------------|-----|-----|------|------|------|--------|--------|-------|----------------|--------|-----|----|---|
| CLAS A 40 DIM CRI97 S 4.2W 927 FIL CL E27 ¹ | 4099854065330 | 40 | E27 | 4.2 | 470 | 2700 | 97 | 105 | 60 | Clear | 15000 | ▶ | 10 | 1 |
| CLAS A 40 DIM CRI97 S 4.2W 927 FIL FR E27 ¹ | 4099854065378 | 40 | E27 | 4.2 | 470 | 2700 | 97 | 105 | 60 | Frosted | 15000 | ▶ | 10 | 2 |
| CLAS A 60 DIM CRI97 S 7.2W 927 FIL CL E27 ¹ | 4099854065071 | 60 | E27 | 7.2 | 806 | 2700 | 97 | 105 | 60 | Clear | 15000 | ▶ | 10 | 1 |
| CLAS A 60 DIM CRI97 S 7.2W 927 FIL FR E27 ¹ | 4099854065231 | 60 | E27 | 7.2 | 806 | 2700 | 97 | 105 | 60 | Frosted | 15000 | ▶ | 10 | 2 |
| CLAS A 75 DIM CRI97 S 9.5W 927 FIL CL E27 ¹ | 4099854065170 | 75 | E27 | 9.5 | 1055 | 2700 | 97 | 105 | 60 | Clear | 15000 | ▶ | 10 | 3 |
| CLAS A 75 DIM CRI97 S 9.5W 927 FIL FR E27 ¹ | 4099854065279 | 75 | E27 | 9.5 | 1055 | 2700 | 97 | 105 | 60 | Frosted | 15000 | ▶ | 10 | 2 |
| CLAS A 100 DIM CRI97 S 13.8W 927 FIL CL E27 ¹ | 4099854065217 | 100 | E27 | 13.8 | 1521 | 2700 | 97 | 105 | 60 | Clear | 15000 | ▶ | 10 | 3 |
| CLAS A 100 DIM CRI97 S 13.8W 927 FIL FR E27 ¹ | 4099854065316 | 100 | E27 | 13.8 | 1521 | 2700 | 97 | 105 | 60 | Frosted | 15000 | ▶ | 10 | 2 |
| CLAS P 40 DIM CRI97 S 4.2W 927 FIL CL E14 ¹ | 4099854065750 | 40 | E14 | 4.2 | 470 | 2700 | 97 | 77 | 45 | Clear | 15000 | ▶ | 10 | 4 |
| CLAS P 40 DIM CRI97 S 4.2W 927 FIL FR E14 ¹ | 4099854065828 | 40 | E14 | 4.2 | 470 | 2700 | 97 | 77 | 45 | Frosted | 15000 | ▶ | 10 | 5 |
| CLAS P 40 DIM CRI97 S 4.2W 927 FIL CL E27 ¹ | 4099854077968 | 40 | E27 | 4.2 | 470 | 2700 | 97 | 77 | 45 | Clear | 15000 | ▶ | 10 | 6 |
| CLAS B 40 DIM CRI97 S 4.2W 927 FIL CL E14 ¹ | 4099854065590 | 40 | E14 | 4.2 | 470 | 2700 | 97 | 100 | 35 | Clear | 15000 | ▶ | 10 | 7 |
| CLAS B 40 DIM CRI97 S 4.2W 927 FIL FR E14 ¹ | 4099854065613 | 40 | E14 | 4.2 | 470 | 2700 | 97 | 100 | 35 | Frosted | 15000 | ▶ | 10 | 8 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED CLASSIC A/GLOBE AND EDISON ENERGY EFFICIENCY CLASS A

LED lamps, classic bulb, ball and Edison shape, ENERGY EFFICIENCY CLASS A



PRODUCT FEATURES

- LED lamps for line voltage
- Luminous efficacy: up to 210 lm/W
- Beam angle: up to 300°
- Very long lifetime of up to 50,000 h
- Very high number of switching cycles: 500,000

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Very low energy consumption
- Design, dimensions, luminous flux comparable to a halogen lamp
- Instant 100 % light, no warm-up time
- Low flickering

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | w | W | lm | K | CRI | I (lm) | d (mm) | Light | t _h | Energy | Value | Guarantee |
|--|---------------|-----|-----|-----|------|------|--------|--------|-------|----------------|--------|-------|-----------|
| CLASSIC A 40 EEL A S 2.2W 830 FIL CL E27 ¹ | 4099854059995 | 40 | E27 | 2.2 | 470 | 3000 | 80 | 105 | 60 | Clear | 50000 | 6 | 1 |
| CLASSIC A 40 EEL A S 2.2W 830 FIL FR E27 ¹ | 4099854060090 | 40 | E27 | 2.2 | 470 | 3000 | 80 | 105 | 60 | Frosted | 50000 | 6 | 2 |
| CLASSIC A 60 EEL A S 3.8W 830 FIL CL E27 ¹ | 4099854059957 | 60 | E27 | 3.8 | 806 | 3000 | 80 | 105 | 60 | Clear | 50000 | 6 | 3 |
| CLASSIC A 60 EEL A S 3.8W 830 FIL FR E27 ¹ | 4099854060052 | 60 | E27 | 3.8 | 806 | 3000 | 80 | 105 | 60 | Frosted | 50000 | 6 | 2 |
| CLASSIC A 75 EEL A S 5W 830 FIL CL E27 ¹ | 4099854060113 | 75 | E27 | 5 | 1055 | 3000 | 80 | 105 | 60 | Clear | 50000 | 6 | 4 |
| CLASSIC A 75 EEL A S 5W 830 FIL FR E27 ¹ | 4099854060151 | 75 | E27 | 5 | 1055 | 3000 | 80 | 105 | 60 | Frosted | 50000 | 6 | 2 |
| CLASSIC A 100 EEL A S 7.2W 830 FIL CL E27 ¹ | 4099854060199 | 100 | E27 | 7.2 | 1521 | 3000 | 80 | 105 | 60 | Clear | 50000 | 6 | 5 |
| CLASSIC A 100 EEL A S 7.2W 830 FIL FR E27 ¹ | 4099854060212 | 100 | E27 | 7.2 | 1521 | 3000 | 80 | 105 | 60 | Frosted | 50000 | 6 | 2 |
| CLASSIC GLOBE95 60 EELA S 3.8W 830 FIL CL E27 ¹ | 4099854060250 | 60 | E27 | 3.8 | 806 | 3000 | 80 | 138 | 95 | Clear | 50000 | 6 | 6 |
| CLASSIC GLOBE95 60 EELA S 3.8W 830 FIL FR E27 ¹ | 4099854060274 | 60 | E27 | 3.8 | 806 | 3000 | 80 | 138 | 95 | Frosted | 50000 | 6 | 7 |
| CLASSIC EDISON 60 EELA S 3.8W 830 FIL CL E27 ¹ | 4099854060236 | 60 | E27 | 3.8 | 806 | 3000 | 80 | 140 | 64 | Clear | 50000 | 6 | 8 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED CLASSIC P AND B ENERGY EFFICIENCY B S

LED lamps, classic min-bulb and candle shape, Energy efficiency class B



PRODUCT FEATURES

- LED lamps for line voltage
- Luminous efficacy: up to 188 lm/W
- Beam angle: up to 300°
- Very long lifetime of up to 50,000 h
- Very high number of switching cycles: 500,000

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Very low energy consumption
- Design, dimensions, luminous flux comparable to a halogen lamp
- Instant 100 % light, no warm-up time
- Low flickering

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

| Product name | GTIN (EAN) | W | W | lm | K | CRI | I (lm) | d (mm) | Light bulb icon | t(h) | Energy efficiency class | Value class | Light bulb icon |
|--|---------------|----|-----|-----|-----|------|--------|--------|-----------------|---------|-------------------------|-------------|-----------------|
| CLASSIC P 40 EELB S 2.5W 827 FIL CL E14 ¹ | 4099854066597 | 40 | E14 | 2.5 | 470 | 2700 | 80 | 77 | 45 | Clear | 50 000 | B | 1 |
| CLASSIC P 40 EELB S 2.5W 827 FIL FR E14 ¹ | 4099854066641 | 40 | E14 | 2.5 | 470 | 2700 | 80 | 77 | 45 | Frosted | 50 000 | B | 2 |
| CLASSIC B 40 EELB S 2.5W 827 FIL CL E14 ¹ | 4058075747821 | 40 | E14 | 2.5 | 470 | 2700 | 80 | 100 | 35 | Clear | 50 000 | B | 3 |
| CLASSIC B 40 EELB S 2.5W 827 FIL FR E14 ¹ | 4099854066467 | 40 | E14 | 2.5 | 470 | 2700 | 80 | 100 | 35 | Frosted | 50 000 | B | 4 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

LED CLASSIC A ENERGY EFFICIENCY B DIM S

Dimmable LED lamps, classic bulb shape, Energy efficiency class B

Compatibility list also online:
ledvance.com/compatibility

PRODUCT FEATURES

- LED lamps for line voltage
- Luminous efficacy: up to 185 lm/W
- Beam angle: up to 300°
- Very long lifetime of up to 50,000 h
- Very high number of switching cycles: 500,000

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Very low energy consumption
- Design, dimensions, luminous flux comparable to a halogen lamp
- Instant 100 % light, no warm-up time
- Low flickering

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

| Product name | GTIN (EAN) | w | W | lm | K | CRI | I (pm) | d (mm) | Light bulb icon | t (h) | Energy efficiency class | Beam angle | Light bulb icon | |
|---|---------------|-----|-----|-----|------|------|--------|--------|-----------------|---------|-------------------------|------------|-----------------|---|
| CLASSIC A 40 DIM EELB S 2.6W 827 FIL CL E27 ¹ | 4099854065880 | 40 | E27 | 2.6 | 481 | 2700 | 80 | 105 | 60 | Clear | 50 000 | ▶ | 6 | 1 |
| CLASSIC A 40 DIM EELB S 2.6W 827 FIL FR E27 ¹ | 4099854066221 | 40 | E27 | 2.6 | 481 | 2700 | 80 | 105 | 60 | Frosted | 50 000 | ▶ | 6 | 2 |
| CLASSIC A60 DIM EELB S 4.3W 827 FIL CL E27 ¹ | 4099854065866 | 60 | E27 | 4.3 | 806 | 2700 | 80 | 105 | 60 | Clear | 50 000 | ▶ | 6 | 1 |
| CLASSIC A60 DIM EELB S 4.3W 827 FIL FR E27 ¹ | 4099854066146 | 60 | E27 | 4.3 | 806 | 2700 | 80 | 105 | 60 | Frosted | 50 000 | ▶ | 6 | 2 |
| CLASSIC A 75 DIM EELB S 5.7W 827 FIL CL E27 ¹ | 4099854065903 | 75 | E27 | 5.7 | 1055 | 2700 | 80 | 105 | 60 | Clear | 50 000 | ▶ | 6 | 1 |
| CLASSIC A 75 DIM EELB S 5.7W 827 FIL FR E27 ¹ | 4099854065941 | 75 | E27 | 5.7 | 1055 | 2700 | 80 | 105 | 60 | Frosted | 50 000 | ▶ | 6 | 2 |
| CLASSIC A 100 DIM EELB S 8.2W 827 FIL CL E27 ¹ | 4099854065927 | 100 | E27 | 8.2 | 1521 | 2700 | 80 | 105 | 60 | Clear | 50 000 | ▶ | 6 | 3 |
| CLASSIC A 100 DIM EELB S 8.2W 827 FIL FR E27 ¹ | 4099854065965 | 100 | E27 | 8.2 | 1521 | 2700 | 80 | 105 | 60 | Frosted | 50 000 | ▶ | 6 | 2 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

SUPERIOR CLASS

LED CLASSIC P AND B ENERGY EFFICIENCY C DIM S

Dimmable LED lamps, classic mini-bulb and candle shape, Energy efficiency class C



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- LED lamps for line voltage
- Luminous efficacy: up to 162 lm/W
- Beam angle: up to 300°
- Very long lifetime of up to 50,000 h
- Very high number of switching cycles: 500,000

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Very low energy consumption
- Design, dimensions, luminous flux comparable to a halogen lamp
- Instant 100 % light, no warm-up time
- Low flickering

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

| Product name | GTIN (EAN) | w | W | lm | K | CRI | I (prim) | d (beam) | Light | t(h) | Energy | Value | Light | |
|--|---------------|----|-----|-----|-----|------|----------|----------|-------|---------|--------|-------|-------|---|
| CLASSIC P 40 DIM EELC S 2.9W 827 FIL CL E14 ¹ | 4099854066535 | 40 | E14 | 2.9 | 470 | 2700 | 80 | 77 | 45 | Clear | 50 000 | A | 6 | 1 |
| CLASSIC P 40 DIM EELC S 2.9W 827 FIL FR E14 ¹ | 4058075747845 | 40 | E14 | 2.9 | 470 | 2700 | 80 | 77 | 45 | Frosted | 50 000 | A | 6 | 2 |
| CLASSIC B 40 DIM EELC S 2.9W 827 FIL CL E14 ¹ | 4099854066276 | 40 | E14 | 2.9 | 470 | 2700 | 80 | 100 | 35 | Clear | 50 000 | A | 6 | 3 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

LED CLASSIC A DIM CRI 90 S

Dimmable LED lamps, classic bulb shape, CRI90, with greatly reduced blue component

Compatibility list also online:
ledvance.com/compatibility

PRODUCT FEATURES

- LED lamps for line voltage
- Beam angle: up to 300°
- Dimmable
- Color rendering index $R_a \geq 90$

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Design, dimensions, luminous flux comparable to a halogen lamp
- Natural light spectrum with outstanding color rendering of $CRI > 90$
- Greatly reduced blue component
- Improved visual comfort and reduced eye strain

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | W | lm | K | CRI | I (lm) | d (mm) | Light bulb icon | t(h) | Energy efficiency icon | Light bulb icon | Light bulb icon | Light bulb icon |
|---|---------------|-----|------|-----|------|------|--------|--------|-----------------|---------|------------------------|-----------------|-----------------|-----------------|
| CLAS A 60 DIM S 5.8 W 927 FIL FR E27 ¹ | 4099854061271 | 60 | E27 | 5.8 | 806 | 2700 | 90 | 105 | 60 | Frosted | 15000 | ▶ | 10 | 1 |
| CLAS A 60 DIM S 5.8W 927 FILCL E27 ¹ | 4099854060892 | 60 | E27 | 5.8 | 806 | 2700 | 90 | 105 | 60 | Clear | 15000 | ▶ | 10 | 2 |
| CLAS A 60 DIM S 5.8W 940 FIL CL E27 ¹ | 4099854060953 | 60 | E27 | 5.8 | 806 | 4000 | 90 | 105 | 60 | Clear | 15000 | ▶ | 10 | 2 |
| CLAS A 60 DIM S 5.8W 940 FIL FR E27 ¹ | 4099854061332 | 60 | E27 | 5.8 | 806 | 4000 | 90 | 105 | 60 | Frosted | 15000 | ▶ | 10 | 1 |
| CLAS A 75 DIM S 7.5W 927 FIL CL E27 ¹ | 4099854061035 | 75 | E27 | 7.5 | 1055 | 2700 | 90 | 105 | 60 | Clear | 15000 | ▶ | 10 | 3 |
| CLAS A 75 DIM S 7.5W 927 FIL FR E27 ¹ | 4099854061356 | 75 | E27 | 7.5 | 1055 | 2700 | 90 | 105 | 60 | Frosted | 15000 | ▶ | 10 | 1 |
| CLAS A 75 DIM S 7.5W 940 FIL CL E27 ¹ | 4099854061073 | 75 | E27 | 7.5 | 1055 | 4000 | 90 | 105 | 60 | Clear | 15000 | ▶ | 10 | 3 |
| CLAS A 75 DIM S 7.5W 940 FIL FR E27 ¹ | 4099854061394 | 75 | E27 | 7.5 | 1055 | 4000 | 90 | 105 | 60 | Frosted | 15000 | ▶ | 10 | 1 |
| CLAS A 100 DIM S 11W 927 FIL CL E27 ¹ | 4099854061134 | 100 | E27 | 11 | 1521 | 2700 | 90 | 105 | 60 | Clear | 15000 | ▶ | 10 | 4 |
| CLAS A 100 DIM S 11W 927 FIL FR E27 ¹ | 4099854061431 | 100 | E27 | 11 | 1521 | 2700 | 90 | 105 | 60 | Frosted | 15000 | ▶ | 10 | 5 |
| CLAS A 100 DIM S 11W 927 FIL FR B22D ¹ | 4099854061516 | 100 | B22d | 11 | 1521 | 2700 | 90 | 104 | 60 | Frosted | 15000 | ▶ | 10 | 6 |
| CLAS A 100 DIM S 11W 940 FIL CL E27 ¹ | 4099854061233 | 100 | E27 | 11 | 1521 | 4000 | 90 | 105 | 60 | Clear | 15000 | ▶ | 10 | 4 |
| CLAS A 100 DIM S 11W 940 FIL FR E27 ¹ | 4099854061479 | 100 | E27 | 11 | 1521 | 4000 | 90 | 105 | 60 | Frosted | 15000 | ▶ | 10 | 1 |
| CLAS A 100 DIM S 11W 940 FIL FR B22D ¹ | 4099854061592 | 100 | B22d | 11 | 1521 | 4000 | 90 | 104 | 60 | Frosted | 15000 | ▶ | 10 | 6 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED CLASSIC B/BA/BW DIM CRI 90 S

Dimmable LED lamps, classic candle shape, CRI90, with greatly reduced blue component



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- LED lamps for line voltage
- Beam angle: up to 300°
- Dimmable
- Color rendering index $R_a \geq 90$

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Design, dimensions, luminous flux comparable to a halogen lamp
- Natural light spectrum with outstanding color rendering of $CRI > 90$
- Greatly reduced blue component
- Improved visual comfort and reduced eye strain

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | W | lm | K | CRI | I (lm) | d (lm) | Light bulb icon | t(h) | Energy efficiency class | Energy efficiency class | Energy efficiency class |
|---|---------------|----|------|-----|-----|------|--------|--------|-----------------|---------|-------------------------|-------------------------|-------------------------|
| CLAS B 40 DIM S 3.4W 927 FIL CL E14 ¹ | 4099854061653 | 40 | E14 | 3.4 | 470 | 2700 | 90 | 100 | 35 | Clear | 15000 | A | 10 |
| CLAS B 40 DIM S 3.4W 927 FIL FR E14 ¹ | 4099854061738 | 40 | E14 | 3.4 | 470 | 2700 | 90 | 100 | 35 | Frosted | 15000 | A | 10 |
| CLAS B 40 DIM S 3.4W 927 FIL FR B22D ¹ | 4099854062001 | 40 | B22d | 3.4 | 470 | 2700 | 90 | 91 | 35 | Frosted | 15000 | A | 10 |
| CLAS B 40 DIM S 3.4W 940 FIL CL E14 ¹ | 4099854061714 | 40 | E14 | 3.4 | 470 | 4000 | 90 | 100 | 35 | Clear | 15000 | A | 10 |
| CLAS B 40 DIM S 3.4W 940 FIL FR E14 ¹ | 4099854061790 | 40 | E14 | 3.4 | 470 | 4000 | 90 | 100 | 35 | Frosted | 15000 | A | 10 |
| CLAS BA 40 DIM S 3.4W 927 FIL CL E14 ¹ | 4099854060618 | 40 | E14 | 3.4 | 470 | 2700 | 90 | 121 | 35 | Clear | 15000 | A | 10 |
| CLAS BA 40 DIM S 3.4W 927 FIL FR E14 ¹ | 4099854060694 | 40 | E14 | 3.4 | 470 | 2700 | 90 | 100 | 35 | Frosted | 15000 | A | 10 |
| CLAS BW 40 DIM S 3.4W 940 FIL CL E14 ¹ | 4099854060632 | 40 | E14 | 3.4 | 470 | 4000 | 90 | 100 | 35 | Clear | 15000 | A | 10 |
| CLAS BW 40 DIM S 3.4W 940 FIL FR E14 ¹ | 4099854060779 | 40 | E14 | 3.4 | 470 | 4000 | 90 | 100 | 35 | Frosted | 15000 | A | 10 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED CLASSIC P/GLOBE/EDISON DIM CRI 90 S

Dimmable LED lamps with greatly reduced blue component

Compatibility list also online:
ledvance.com/compatibility

PRODUCT FEATURES

- LED lamps for line voltage
- Beam angle: up to 300°
- Dimmable
- Color rendering index R_a : ≥ 90

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Design, dimensions, luminous flux comparable to a halogen lamp
- Natural light spectrum with outstanding color rendering of $CRI > 90$
- Greatly reduced blue component
- Improved visual comfort and reduced eye strain

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | W | lm | K | CRI | I (lm) | d (mm) | Light | t _h | Energy | RoHS | LED | LED |
|---|---------------|-----|-----|-----|------|------|--------|--------|-------|----------------|--------|------|-----|-----|
| CLAS P 40 DIM S 3.4W 927 FIL CL E27 ¹ | 4099854062964 | 40 | E27 | 3.4 | 470 | 2700 | 90 | 77 | 45 | Clear | 15000 | LED | 10 | 1 |
| CLAS P 40 DIM S 3.4W 927 FIL FR E27 ¹ | 4099854063145 | 40 | E27 | 3.4 | 470 | 2700 | 90 | 77 | 45 | Frosted | 15000 | LED | 10 | 2 |
| CLAS P 40 DIM S 3.4W 927 FIL CL E14 ¹ | 4099854063244 | 40 | E14 | 3.4 | 470 | 2700 | 90 | 77 | 45 | Clear | 15000 | LED | 10 | 3 |
| CLAS P 40 DIM S 3.4W 927 FIL FR E14 ¹ | 4099854063343 | 40 | E14 | 3.4 | 470 | 2700 | 90 | 77 | 45 | Frosted | 15000 | LED | 10 | 4 |
| CLAS P 40 DIM S 3.4W 940 FIL CL E27 ¹ | 4099854063008 | 40 | E27 | 3.4 | 470 | 4000 | 90 | 77 | 45 | Clear | 15000 | LED | 10 | 1 |
| CLAS P 40 DIM S 3.4W 940 FIL FR E27 ¹ | 4099854063206 | 40 | E27 | 3.4 | 470 | 4000 | 90 | 77 | 45 | Frosted | 15000 | LED | 10 | 2 |
| CLAS P 40 DIM S 3.4W 940 FIL CL E14 ¹ | 4099854063329 | 40 | E14 | 3.4 | 470 | 4000 | 90 | 77 | 45 | Clear | 15000 | LED | 10 | 3 |
| CLAS P 40 DIM S 3.4W 940 FIL FR E14 ¹ | 4099854063404 | 40 | E14 | 3.4 | 470 | 4000 | 90 | 77 | 45 | Frosted | 15000 | LED | 10 | 4 |
| CLAS GLOBE125 100 DIM S 11W 927 FIL CL E27 ¹ | 4099854062087 | 100 | E27 | 11 | 1521 | 2700 | 90 | 168 | 124 | Clear | 15000 | LED | 10 | 5 |
| CLAS GLOBE95 100 DIM S 11W 927 FIL CL E27 ¹ | 4099854060755 | 100 | E27 | 11 | 1521 | 2700 | 90 | 135 | 95 | Clear | 15000 | LED | 10 | 6 |
| CLAS GLOBE95 100 DIM S 11W 927 FIL FR E27 ¹ | 4099854061578 | 100 | E27 | 11 | 1521 | 2700 | 90 | 135 | 95 | Frosted | 15000 | LED | 10 | 7 |
| CLAS GLOBE125 100 DIM S 11W 940 FIL CL E27 ¹ | 4099854062162 | 100 | E27 | 11 | 1521 | 4000 | 90 | 168 | 124 | Clear | 15000 | LED | 10 | 5 |
| CLAS GLOBE95 100 DIM S 11W 940 FIL CL E27 ¹ | 4099854061219 | 100 | E27 | 11 | 1521 | 4000 | 90 | 135 | 95 | Clear | 15000 | LED | 10 | 6 |
| CLAS GLOBE95 100 DIM S 11W 940 FIL FR E27 ¹ | 4099854061752 | 100 | E27 | 11 | 1521 | 4000 | 90 | 135 | 95 | Frosted | 15000 | LED | 10 | 7 |
| CLAS EDISON DIM S 5.8W 927 FIL CL E27 ¹ | 4099854062322 | 60 | E27 | 5.8 | 806 | 2700 | 90 | 143 | 64 | Clear | 15000 | LED | 10 | 8 |
| CLAS EDISON DIM S 5.8W 940 FIL CL E27 ¹ | 4099854062483 | 60 | E27 | 5.8 | 806 | 4000 | 90 | 143 | 64 | Clear | 15000 | LED | 10 | 8 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED CLASSIC A DIM P

Dimmable LED lamps, classic bulb shape



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- Professional LED lamps for line voltage
- Beam angle: up to 300°
- Dimmable
- Base: E27, B22d
- Lifetime: up to 15,000 h

PRODUCT BENEFITS

- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Very low energy consumption
- Robust against vibrations
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W _{LED} | W _{inc} | W | lm | K | CRI | I _{beam} | d _{beam} | Light type | t _h ³ | Energy efficiency class ⁴ | Warranty | NA |
|--|---------------|------------------|------------------|-----|------|------|-----|-------------------|-------------------|------------|-----------------------------|--------------------------------------|----------|----|
| CLAS A 40 DIM P 4.8W 827 FIL CL E27 ¹ | 4099854067396 | 40 | E27 | 4.8 | 470 | 2700 | 80 | 105 | 60 | Clear | 15000 | A | 10 | 1 |
| CLAS A 40 DIM P 4.8W 827 FIL FR E27 ¹ | 4099854067433 | 40 | E27 | 4.8 | 470 | 2700 | 80 | 105 | 60 | Frosted | 15000 | A | 10 | 2 |
| CLAS A 60 DIM P 7W 827 FIL CL B22D | 4099854054372 | 60 | B22d | 7 | 806 | 2700 | 80 | 104 | 60 | Clear | 15000 | A | 10 | 4 |
| CLAS A 60 DIM P 7W 827 FIL CL E27 | 4099854054396 | 60 | E27 | 7 | 806 | 2700 | 80 | 106 | 60 | Clear | 15000 | A | 10 | 1 |
| CLAS A 60 DIM P 7W 827 FIL FR E27 | 4099854054433 | 60 | E27 | 7 | 806 | 2700 | 80 | 106 | 60 | Frosted | 15000 | A | 10 | 2 |
| CLAS A 60 DIM P 7W 827 FIL FR B22D | 4099854054334 | 60 | B22d | 7 | 806 | 2700 | 80 | 104 | 60 | Frosted | 15000 | A | 10 | 5 |
| CLAS A 60 DIM P 7W 840 FIL FR E27 | 4099854054297 | 60 | E27 | 7 | 806 | 4000 | 80 | 106 | 60 | Frosted | 15000 | A | 10 | 2 |
| CLAS A 75 DIM P 7.5W 827 FIL CL E27 ¹ | 4099854060915 | 75 | E27 | 7.5 | 1055 | 2700 | 80 | 105 | 60 | Clear | 15000 | A | 10 | 6 |
| CLAS A 75 DIM P 7.5W 827 FIL FR E27 ¹ | 4099854060977 | 75 | E27 | 7.5 | 1055 | 2700 | 80 | 105 | 60 | Frosted | 15000 | A | 10 | 2 |
| CLAS A 75 DIM P 7.5W 840 FIL FR E27 ¹ | 4099854060854 | 75 | E27 | 7.5 | 1055 | 4000 | 80 | 105 | 60 | Frosted | 15000 | A | 10 | 2 |
| CLAS A 100 DIM P 11W 827 FIL CL E27 ¹ | 4099854060595 | 100 | E27 | 11 | 1521 | 2700 | 80 | 105 | 60 | Clear | 15000 | A | 10 | 7 |
| CLAS A 100 DIM P 11W 827 FIL FR E27 ¹ | 4099854060656 | 100 | E27 | 11 | 1521 | 2700 | 80 | 105 | 60 | Frosted | 15000 | A | 10 | 8 |
| CLAS A 150 DIM P 18W 827 FIL FR E27 ¹ | 4099854067457 | 150 | E27 | 18 | 2452 | 2700 | 80 | 128 | 70 | Frosted | 15000 | A | 10 | 3 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

LED CLASSIC A P

LED lamps, classic bulb shape



PRODUCT FEATURES

- Professional LED lamps for line voltage
- Beam angle: up to 300°
- Not dimmable
- Base: E27, B22D
- Lifetime: up to 15,000 h

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Very low energy consumption
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | W | lm | K | CRI | I (mm) | Ø (mm) | Light | t _h ³ | Energy efficiency class ⁴ | RoHS | LED | |
|---|---------------|-----|------|-----|------|------|--------|--------|-------|-----------------------------|--------------------------------------|------|-----|---|
| CLAS A 40 P 4W 827 FIL CL E27 ¹ | 4099854069697 | 40 | E27 | 4 | 470 | 2700 | 80 | 105 | 60 | Clear | 15000 | LED | 10 | 1 |
| CLAS A 40 P 4W 827 FIL FR E27 ¹ | 4099854069659 | 40 | E27 | 4 | 470 | 2700 | 80 | 105 | 60 | Frosted | 15000 | LED | 10 | 2 |
| CLAS A 40 P 4W 827 FIL CL B22D ¹ | 4099854069758 | 40 | B22d | 4 | 470 | 2700 | 80 | 104 | 60 | Clear | 15000 | LED | 10 | 3 |
| CLAS A 40 P 4W 827 FIL FR B22D ¹ | 4099854069734 | 40 | B22d | 4 | 470 | 2700 | 80 | 104 | 60 | Frosted | 15000 | LED | 10 | 4 |
| CLAS A 40 P 4W 840 FIL CL E27 ¹ | 4099854069673 | 40 | E27 | 4 | 470 | 4000 | 80 | 105 | 60 | Clear | 15000 | LED | 10 | 1 |
| CLAS A 40 P 4W 840 FIL FR E27 ¹ | 4099854069710 | 40 | E27 | 4 | 470 | 4000 | 80 | 105 | 60 | Frosted | 15000 | LED | 10 | 2 |
| CLAS A 60 P 6.5W 827 FIL CL B22D ¹ | 4099854063060 | 60 | B22d | 6.5 | 806 | 2700 | 80 | 104 | 60 | Clear | 15000 | LED | 10 | 3 |
| CLAS A 60 P 6.5W 827 FIL CL E27 ¹ | 4099854062582 | 60 | E27 | 6.5 | 806 | 2700 | 80 | 105 | 60 | Clear | 15000 | LED | 10 | 8 |
| CLAS A 60 P 6.5W 827 FIL FR E27 ¹ | 4099854062421 | 60 | E27 | 6.5 | 806 | 2700 | 80 | 105 | 60 | Frosted | 15000 | LED | 10 | 2 |
| CLAS A 60 P 6.5W 827 FIL FR B22D ¹ | 4099854062704 | 60 | B22d | 6.5 | 806 | 2700 | 80 | 104 | 60 | Frosted | 15000 | LED | 10 | 4 |
| CLAS A 60 P 6.5W 840 FIL FR E27 ¹ | 4099854062469 | 60 | E27 | 6.5 | 806 | 4000 | 80 | 105 | 60 | Frosted | 15000 | LED | 10 | 2 |
| CLAS A 60 P 6.5W 840 FIL CL E27 ¹ | 4099854062667 | 60 | E27 | 6.5 | 806 | 4000 | 80 | 105 | 60 | Clear | 15000 | LED | 10 | 8 |
| CLAS A 75 P 7.5W 827 FIL FR E27 ¹ | 4099854062049 | 75 | E27 | 7.5 | 1055 | 2700 | 80 | 105 | 60 | Frosted | 15000 | LED | 10 | 2 |
| CLAS A 75 P 7.5W 827 FIL CL E27 ¹ | 4099854062186 | 75 | E27 | 7.5 | 1055 | 2700 | 80 | 105 | 60 | Clear | 15000 | LED | 10 | 9 |
| CLAS A 75 P 7.5W 840 FIL FR E27 ¹ | 4099854062025 | 75 | E27 | 7.5 | 1055 | 4000 | 80 | 105 | 60 | Frosted | 15000 | LED | 10 | 2 |
| CLAS A 75 P 7.5W 840 FIL CL E27 ¹ | 4099854062988 | 75 | E27 | 7.5 | 1055 | 4000 | 80 | 105 | 60 | Clear | 15000 | LED | 10 | 9 |
| CLAS A 100 P 11W 827 FIL FR E27 ¹ | 4099854069796 | 100 | E27 | 11 | 1521 | 2700 | 80 | 105 | 60 | Frosted | 15000 | LED | 10 | 2 |
| CLAS A 100 P 11W 827 FIL CL E27 ¹ | 4099854069819 | 100 | E27 | 11 | 1521 | 2700 | 80 | 105 | 60 | Clear | 15000 | LED | 10 | 5 |
| CLAS A 100 P 11W 840 FIL CL E27 ¹ | 4099854069772 | 100 | E27 | 11 | 1521 | 4000 | 80 | 105 | 60 | Clear | 15000 | LED | 10 | 5 |
| CLAS A 150 P 17W 827 FIL FR E27 ¹ | 4099854069833 | 150 | E27 | 17 | 2452 | 2700 | 80 | 118 | 70 | Frosted | 15000 | LED | 10 | 6 |
| CLAS A 150 P 17W 840 FIL FR E27 ¹ | 4099854069857 | 150 | E27 | 17 | 2452 | 4000 | 80 | 118 | 70 | Frosted | 15000 | LED | 10 | 6 |
| CLAS A 200 P 24W 827 FIL FR E27 ¹ | 4099854069895 | 200 | E27 | 24 | 3452 | 2700 | 80 | 162 | 95 | Frosted | 15000 | LED | 4 | 7 |
| CLAS A 200 P 24W 840 FIL FR E27 ¹ | 4099854069918 | 200 | E27 | 24 | 3452 | 4000 | 80 | 162 | 95 | Frosted | 15000 | LED | 4 | 7 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED CLASSIC B DIM P¹

Dimmable LED lamps, classic candle shape



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- Professional LED lamps for line voltage
- Dimmable
- Lifetime: up to 15,000 h
- Beam angle: up to 300°

PRODUCT BENEFITS

- Design, dimensions, luminous flux comparable to an incandescent lamp
- Very low energy consumption
- Robust against vibrations
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W _{LED} | W _{inc} | W | lm | K | CRI | I _{prim} | d _{beam} | Light | t _{lh} ³ | Energy | Energy | Energy |
|---|---------------|------------------|------------------|-----|-----|------|-----|-------------------|-------------------|---------|------------------------------|--------|--------|--------|
| CLAS B 40 DIM P 4.8W 827 FIL CL E14 ¹ | 4099854067532 | 40 | E14 | 4.8 | 470 | 2700 | 80 | 97 | 35 | Clear | 15000 | A | 10 | 1 |
| CLAS B 40 DIM P 4.8W 827 FIL CL E27 ¹ | 4099854067495 | 40 | E27 | 4.8 | 470 | 2700 | 80 | 95 | 35 | Clear | 15000 | A | 10 | 2 |
| CLAS B 40 DIM P 4.8W 827 FIL FR E14 ¹ | 4099854067556 | 40 | E14 | 4.8 | 470 | 2700 | 80 | 97 | 35 | Frosted | 15000 | A | 10 | 3 |
| CLAS B 40 DIM P 4.8W 827 FIL FR B22D ¹ | 4099854067518 | 40 | B22d | 4.8 | 470 | 2700 | 80 | 94 | 35 | Frosted | 15000 | A | 10 | 4 |
| CLAS B 60 DIM P 5.5W 827 FIL FR E14 ¹ | 4099854060533 | 60 | E14 | 5.5 | 806 | 2700 | 80 | 100 | 35 | Frosted | 15000 | A | 10 | 3 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED CLASSIC B P

LED lamps, classic candle shape



PRODUCT FEATURES

- Professional LED lamps for line voltage
- Beam angle: up to 300°
- Lifetime: up to 15,000 h
- Lamp made of glass
- Good quality of light; color rendering index Ra: ≥ 80; constant chromaticity

PRODUCT BENEFITS

- Long lifetime of up to 15,000 h
- Low energy consumption
- Easy relamping thanks to compact design
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Perfect for decorative installations
- wDomestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | w | W | lm | K | CRI | I (lm) | d (mm) | Light | t _h | Energy | Guarantee | Value |
|---|---------------|----|------|-----|-----|------|--------|--------|-------|----------------|--------|-----------|-------|
| CLAS B 25 P 2.5W 827 FIL CL E14 ¹ | 4099854069451 | 25 | E14 | 2.5 | 250 | 2700 | 80 | 100 | 35 | Clear | 15000 | A | 10 |
| CLAS B 25 P 2.5W 827 FIL CL B22D ¹ | 4099854069376 | 25 | B22d | 2.5 | 250 | 2700 | 80 | 91 | 35 | Clear | 15000 | A | 10 |
| CLAS B 25 P 2.5W 827 FIL FR E14 ¹ | 4099854069437 | 25 | E14 | 2.5 | 250 | 2700 | 80 | 100 | 35 | Frosted | 15000 | A | 10 |
| CLAS B 40 P 4W 827 FIL CL E14 ¹ | 4099854069413 | 40 | E14 | 4 | 470 | 2700 | 80 | 100 | 35 | Clear | 15000 | A | 10 |
| CLAS B 40 P 4W 827 FIL CL B22D ¹ | 4099854069314 | 40 | B22d | 4 | 470 | 2700 | 80 | 91 | 35 | Clear | 15000 | A | 10 |
| CLAS B 40 P 4W 827 FIL CL E27 ¹ | 4099854069277 | 40 | E27 | 4 | 470 | 2700 | 80 | 92 | 35 | Clear | 15000 | A | 10 |
| CLAS B 40 P 4W 827 FIL FR B22D ¹ | 4099854069338 | 40 | B22d | 4 | 470 | 2700 | 80 | 91 | 35 | Frosted | 15000 | A | 10 |
| CLAS B 40 P 4W 827 FIL FR E14 ¹ | 4099854069390 | 40 | E14 | 4 | 470 | 2700 | 80 | 100 | 35 | Frosted | 15000 | A | 10 |
| CLAS B 40 P 4W 827 FIL CL E14 ¹ | 4099854069291 | 40 | E14 | 4 | 470 | 4000 | 80 | 100 | 35 | Clear | 15000 | A | 10 |
| CLAS B 60 P 5.5W 827 FIL CL E14 ¹ | 4099854062308 | 60 | E14 | 5.5 | 806 | 2700 | 80 | 100 | 35 | Clear | 15000 | A | 10 |
| CLAS B 60 P 5.5 827 FIL FR E14 ¹ | 4099854062346 | 60 | E14 | 5.5 | 806 | 2700 | 80 | 100 | 35 | Frosted | 15000 | A | 10 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED CLASSIC BA/BW P

PERFOR-
MANCE
CLASS

LED lamps, classic candle shape



LEDVANCE²
4
year
guarantee

PRODUCT FEATURES

- Professional LED lamps for line voltage
- Beam angle: up to 300°
- Not dimmable
- Base: E14
- Lifetime: up to 15,000 h

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Very low energy consumption
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | W | lm | K | CRI | I (lm) | d (mm) | Light bulb icon | t(h) | Energy efficiency class icon | Box icon | Light bulb icon |
|---|---------------|----|-----|----|-----|------|--------|--------|-----------------|-------|------------------------------|----------|-----------------|
| CLAS BA 40 P 4W 827 FIL CL E14 ¹ | 4099854069475 | 40 | E14 | 4 | 470 | 2700 | 80 | 121 | 35 | Clear | 15000 | 10 | 1 |
| CLAS BW 40 P 4W 827 FIL CL E14 ¹ | 4099854069352 | 40 | E14 | 4 | 470 | 2700 | 80 | 100 | 35 | Clear | 15000 | 10 | 2 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

LED CLASSIC P DIM P

Dimmable LED lamps, mini-ball shape

Compatibility list also online:
ledvance.com/compatibility

PRODUCT FEATURES

- Professional LED lamps for line voltage
- Dimmable
- Lifetime: up to 15,000 h
- Beam angle: up to 300°

PRODUCT BENEFITS

- Design, dimensions, luminous flux comparable to an incandescent lamp
- Very low energy consumption
- Robust against vibrations
- Lamps with innovative LED „filament“ technology
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | w | W | lm | K | CRI | I (lm) | d (mm) | Light bulb icon | t _h ³ | Energy efficiency class icon ⁴ | Box icon | Light bulb icon |
|---|---------------|----|------|-----|-----|------|--------|--------|-----------------|-----------------------------|---|----------|-----------------|
| CLAS P 25 DIM P 2.8W 827 FIL FR E14 ¹ | 4099854067662 | 25 | E14 | 2.8 | 250 | 2700 | 80 | 78 | 45 | Frosted | 15000 | 10 | 1 |
| CLAS P 25 DIM P 2.8W 827 FIL FR E27 ¹ | 4099854067631 | 25 | E27 | 2.8 | 250 | 2700 | 80 | 77 | 45 | Frosted | 15000 | 10 | 2 |
| CLAS P 40 DIM P 4.8W 827 FIL CL E27 ¹ | 4099854067570 | 40 | E27 | 4.8 | 470 | 2700 | 80 | 77 | 45 | Clear | 15000 | 10 | 3 |
| CLAS P 40 DIM P 4.8W 827 FIL CL E14 ¹ | 4099854067686 | 40 | E14 | 4.8 | 470 | 2700 | 80 | 78 | 45 | Clear | 15000 | 10 | 4 |
| CLAS P 40 DIM P 4.8W 827 FIL FR E14 ¹ | 4099854067709 | 40 | E14 | 4.8 | 470 | 2700 | 80 | 78 | 45 | Frosted | 15000 | 10 | 1 |
| CLAS P 40 DIM P 4.8W 827 FIL FR E27 ¹ | 4099854067594 | 40 | E27 | 4.8 | 470 | 2700 | 80 | 77 | 45 | Frosted | 15000 | 10 | 2 |
| CLAS P 40 DIM P 4.8W 827 FIL FR B22D ¹ | 4099854067617 | 40 | B22d | 4.8 | 470 | 2700 | 80 | 76 | 45 | Frosted | 15000 | 10 | 5 |
| CLAS P 60 DIM P 5.5W 827 FIL FR E14 ¹ | 4099854065552 | 60 | E14 | 5.5 | 806 | 2700 | 80 | 77 | 45 | Frosted | 15000 | 10 | 1 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED CLASSIC P P

LED lamps, classic mini-ball shape



PRODUCT FEATURES

- Professional LED lamps for line voltage
- Beam angle: up to 300°
- Not dimmable
- Lifetime: up to 15,000 h

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Very low energy consumption
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | W | lm | K | CRI | I (lm) | d (mm) | Light bulb icon | t(h) | Energy efficiency class | Energy efficiency class | Energy efficiency class |
|--|---------------|----|------|-----|-----|------|--------|--------|-----------------|---------|-------------------------|-------------------------|-------------------------|
| CLAS P 15 P 1.5W 827 FIL CL E27 ¹ | 4099854069253 | 15 | E27 | 1.5 | 136 | 2700 | 80 | 77 | 45 | Clear | 15000 | A | 1 |
| CLAS P 25 P 2.5W 827 FIL CL E14 ¹ | 4099854069215 | 25 | E14 | 2.5 | 250 | 2700 | 80 | 77 | 45 | Clear | 15000 | A | 2 |
| CLAS P 25 P 2.5W 827 FIL CL E27 ¹ | 4099854069192 | 25 | E27 | 2.5 | 250 | 2700 | 80 | 77 | 45 | Clear | 15000 | A | 1 |
| CLAS P 25 P 2.5W 827 FIL FR E14 ¹ | 4099854069239 | 25 | E14 | 2.5 | 250 | 2700 | 80 | 77 | 45 | Frosted | 15000 | A | 3 |
| CLAS P 25 P 2.5W 827 FIL FR E27 ¹ | 4099854069123 | 25 | E27 | 2.5 | 250 | 2700 | 80 | 77 | 45 | Frosted | 15000 | A | 4 |
| CLAS P 40 P 4W 827 FIL CL E14 ¹ | 4099854069178 | 40 | E14 | 4 | 470 | 2700 | 80 | 77 | 45 | Clear | 15000 | A | 5 |
| CLAS P 40 P 4W 827 FIL FR E14 ¹ | 4099854069154 | 40 | E14 | 4 | 470 | 2700 | 80 | 77 | 45 | Frosted | 15000 | A | 3 |
| CLAS P 40 P 4W 827 FIL FR B22D ¹ | 4099854069109 | 40 | B22d | 4 | 470 | 2700 | 80 | 76 | 45 | Frosted | 15000 | A | 6 |
| CLAS P 40 P 4W 827 FIL FR E27 ¹ | 4099854069086 | 40 | E27 | 4 | 470 | 2700 | 80 | 77 | 45 | Frosted | 15000 | A | 4 |
| CLAS P 60 P 5.5W 827 FIL CL E14 ¹ | 4099854062223 | 60 | E14 | 5.5 | 806 | 2700 | 80 | 77 | 45 | Clear | 15000 | A | 5 |
| CLAS P 60 P 5.5W 827 FIL CL E27 ¹ | 4099854062209 | 60 | E27 | 5.5 | 806 | 2700 | 80 | 77 | 45 | Clear | 15000 | A | 7 |
| CLAS P 60 P 5.5W 827 FIL FR E14 ¹ | 4099854062261 | 60 | E14 | 5.5 | 806 | 2700 | 80 | 77 | 45 | Frosted | 15000 | A | 8 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

LED CLASSIC GLOBE DIM AND NON-DIM P

Dimmable LED lamps, classic ball shape



LED CLASSIC GLOBE DIM P

PRODUCT FEATURES

- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Lifetime: up to 15,000 h
- Beam angle: up to 360°
- Professional LED lamps for line voltage

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Very low energy consumption
- Can be easily fitted instead of ordinary light bulbs
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | w | W | lm | K | CRI | l (mm) | d (mm) | Light bulb icon | t _{in} ³ | Energy efficiency class ⁴ | Energy efficiency class ⁴ | Energy efficiency class ⁴ | Light bulb icon |
|--|---------------|-----|-----|-----|------|------|--------|--------|-----------------|------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|-----------------|
| CLAS GLOBE95 75 DIM P 7.5W 827 FIL FR E27 ¹ | 4099854060717 | 75 | E27 | 7.5 | 1055 | 2700 | 80 | 135 | 95 | Frosted | 15000 | A | 6 | 1 |
| CLAS GLOBE95 100 DIM P 11W 827 FIL FR E27 ¹ | 4099854060793 | 100 | E27 | 11 | 1521 | 2700 | 80 | 135 | 95 | Frosted | 15000 | A | 6 | 1 |



LED CLASSIC GLOBE P

PRODUCT FEATURES

- Professional LED lamps for line voltage
- Not dimmable
- Lifetime: up to 15,000 h
- Beam angle: up to 360°

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Very low energy consumption
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | w | W | lm | K | CRI | l (mm) | d (mm) | Light bulb icon | t _{in} ³ | Energy efficiency class ⁴ | Energy efficiency class ⁴ | Energy efficiency class ⁴ | Light bulb icon |
|--|---------------|-----|-----|-----|------|------|--------|--------|-----------------|------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|-----------------|
| CLAS GLOBE 125 25 P 2.5W 827 FIL CL E27 ¹ | 4099854054259 | 25 | E27 | 2.5 | 250 | 2700 | 80 | 178 | 125 | Clear | 15000 | A | 10 | 2 |
| CLAS GLOBE 125 40 P 4W 827 FIL CL E27 ¹ | 4099854054198 | 40 | E27 | 4 | 470 | 2700 | 80 | 178 | 125 | Clear | 15000 | A | 10 | 3 |
| CLAS GLOBE 125 60 P 7W 827 FIL CL E27 ¹ | 4099854054761 | 60 | E27 | 7 | 806 | 2700 | 80 | 178 | 125 | Clear | 15000 | A | 10 | 3 |
| CLAS GLOBE 95 P 6.5W 827 FIL FR E27 ¹ | 4099854062384 | 60 | E27 | 6.5 | 806 | 2700 | 80 | 135 | 95 | Frosted | 15000 | A | 6 | 4 |
| CLAS CLOBE 95 100 P 11W 827 FIL FR E27 ¹ | 4099854062865 | 100 | E27 | 11 | 1521 | 2700 | 80 | 135 | 95 | Frosted | 15000 | A | 6 | 4 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED CLASSIC ST P

LED lamps, classic Edison bulb shape

PERFOR-
MANCE
CLASS



LEDVANCE²
4
year
guarantee

PRODUCT FEATURES

- Professional LED lamps for line voltage
- Not dimmable
- Lifetime: up to 15,000 h
- Beam angle: up to 360°

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Very low energy consumption
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | W | lm | K | CRI | I (lm) | d (mm) | Light Color | t _h | Energy Efficiency Class | Value Class | Guarantee | |
|---|---------------|----|-----|-----|-----|------|--------|--------|-------------|----------------|-------------------------|-------------|-----------|---|
| CLAS EDISON 40 P 4W 827 FIL CL E27 ¹ | 4099854070013 | 40 | E27 | 4 | 470 | 2700 | 80 | 143 | 64 | Clear | 15000 | A | 10 | 1 |
| CLAS EDISON 40 P 4W 827 FIL FR E27 ¹ | 4099854069994 | 40 | E27 | 4 | 470 | 2700 | 80 | 143 | 64 | Frosted | 15000 | A | 10 | 2 |
| CLAS EDISON 60 P 6.5W 827 FIL FR E27 ¹ | 4099854062803 | 55 | E27 | 6.5 | 730 | 2700 | 80 | 143 | 64 | Frosted | 15000 | A | 10 | 2 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

LED CLASSIC A V

LED lamps, classic bulb shape, filament type



PRODUCT FEATURES

- LED alternative to conventional lamps
- Not dimmable
- Good color rendering ($R_a \geq 80$) and color stability throughout the life of the lamp

PRODUCT BENEFITS

- Very low energy consumption
- Can be easily fitted instead of ordinary light bulbs

AREAS OF APPLICATION

- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | W | lm | K | CRI | L (mm) | Ø (mm) | Light color | t ₉₀ ² | Energy efficiency class ³ | RoHS | Light bulb icon | |
|--|---------------|-----|-----|-----|------|------|--------|--------|-------------|------------------------------|--------------------------------------|------|-----------------|---|
| CLAS A 40 V 4W 827 FIL CL E27 ¹ | 4099854068980 | 40 | E27 | 4 | 470 | 2700 | 80 | 105 | 60 | Clear | 10000 | A | 10 | 1 |
| CLAS A 60 V 6.5W 827 FIL CL E27 ¹ | 4099854062520 | 60 | E27 | 6.5 | 806 | 2700 | 80 | 105 | 60 | Clear | 10000 | A | 10 | 3 |
| CLAS A 60 V 6.5W 840 FIL CL E27 ¹ | 4099854062629 | 60 | E27 | 6.5 | 806 | 4000 | 80 | 105 | 60 | Clear | 10000 | A | 10 | 3 |
| CLAS A 75 V 7.5W 827 FIL CL E27 ¹ | 4099854062100 | 75 | E27 | 7.5 | 1055 | 2700 | 80 | 105 | 60 | Clear | 10000 | A | 10 | 4 |
| CLAS A 75 V 7.5W 840 FIL CL E27 ¹ | 4099854062902 | 75 | E27 | 7.5 | 1055 | 4000 | 80 | 105 | 60 | Clear | 10000 | A | 10 | 4 |
| CLAS A 100 V 11W 827 FIL CL E27 ¹ | 4099854069062 | 100 | E27 | 11 | 1521 | 2700 | 80 | 105 | 60 | Clear | 10000 | A | 10 | 2 |
| CLAS A 100 V 11W 840 FIL CL E27 ¹ | 4099854069048 | 100 | E27 | 11 | 1521 | 4000 | 80 | 105 | 60 | Clear | 10000 | A | 10 | 2 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² L70/B50 | ³ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED CLASSIC A V

LED lamps, classic bulb shape, heatsink type



PRODUCT FEATURES

- Professional LED lamps for line voltage
- Not dimmable
- Good quality of light; color rendering index $R_a: \geq 80$; constant chromaticity

PRODUCT BENEFITS

- Low energy consumption
- Easy replacement of classic lamps thanks to compact design
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | E | W | lm | K | CRI | $\frac{l}{d}$ (mm) | $\frac{\phi}{d}$ (mm) | Light bulb icon | t ₉₀ ² | Energy efficiency class (EEC) ³ | Superior class icon | Performance class icon | Value class icon |
|-------------------------------------|---------------|-----|-----|-----|------|------|-----|-----------------------|--------------------------|-----------------|------------------------------|--|---------------------|------------------------|------------------|
| CLAS A 4.9W 827 FR E27 ¹ | 4099854049484 | 40 | E27 | 4.9 | 470 | 2700 | ≥80 | 95 | 55 | Frosted | 10000 | A | 10 | 3 | |
| CLAS A 4.9W 840 FR E27 ¹ | 4099854049583 | 40 | E27 | 4.9 | 470 | 4000 | ≥80 | 95 | 55 | Frosted | 10000 | A | 10 | 3 | |
| CLAS A 4.9W 865 FR E27 ¹ | 4099854049606 | 40 | E27 | 4.9 | 470 | 6500 | ≥80 | 95 | 55 | Frosted | 10000 | A | 10 | 3 | |
| CLAS A 8.5W 827 FR E27 ¹ | 4099854049620 | 60 | E27 | 8.5 | 806 | 2700 | ≥80 | 107 | 60 | Frosted | 10000 | A | 10 | 1 | |
| CLAS A 8.5W 840 FR E27 ¹ | 4099854049187 | 60 | E27 | 8.5 | 806 | 4000 | ≥80 | 107 | 60 | Frosted | 10000 | A | 10 | 1 | |
| CLAS A 8.5W 865 FR E27 ¹ | 4099854049200 | 60 | E27 | 8.5 | 806 | 6500 | ≥80 | 107 | 60 | Frosted | 10000 | A | 10 | 1 | |
| CLAS A 10W 827 FR E27 ¹ | 4099854048807 | 75 | E27 | 10 | 1055 | 2700 | ≥80 | 113 | 60 | Frosted | 10000 | A | 10 | 2 | |
| CLAS A 10W 840 FR E27 ¹ | 4099854048883 | 75 | E27 | 10 | 1055 | 4000 | ≥80 | 113 | 60 | Frosted | 10000 | A | 10 | 2 | |
| CLAS A 13W 827 FR E27 ¹ | 4099854048906 | 100 | E27 | 13 | 1521 | 2700 | ≥80 | 118 | 60 | Frosted | 10000 | A | 10 | 4 | |
| CLAS A 13W 840 FR E27 ¹ | 4099854049002 | 100 | E27 | 13 | 1521 | 4000 | ≥80 | 118 | 60 | Frosted | 10000 | A | 10 | 4 | |
| CLAS A 13W 865 FR E27 ¹ | 4099854049026 | 100 | E27 | 13 | 1521 | 6500 | ≥80 | 118 | 60 | Frosted | 10000 | A | 10 | 4 | |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² L70/B50 | ³ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED CLASSIC B/P V

LED lamps, classic mini-ball shape



PRODUCT FEATURES

- LED alternative to conventional lamps
- Not dimmable
- Good color rendering ($R_a \geq 80$) and color stability throughout the life of the lamp

PRODUCT BENEFITS

- Very low energy consumption
- Simple direct replacement for conventional incandescent lamps
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- General illumination
- Domestic applications
- Chandeliers
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W _{LED} | W | lm | K | CRI | $\frac{l}{d}$ (mm) | $\frac{\phi}{d}$ (mm) | Light color | t ₉₀ ² | Energy efficiency class (EEC) ³ | Superior class | Performance class | Value class |
|--|---------------|------------------|-----|-----|-----|------|--------------------|-----------------------|-------------|------------------------------|--|----------------|-------------------|-------------|
| CLAS B 40 V 4W 827 FIL CL E14 ¹ | 4099854069871 | 40 | E14 | 4 | 470 | 2700 | 80 | 100 | 35 | Clear | 10000 | A | 10 | 1 |
| CLAS B 4.9W 827 FR E14 ¹ | 4099854049323 | 40 | E14 | 4.9 | 470 | 2700 | 80 | 96 | 37 | Frosted | 10000 | A | 10 | 2 |
| CLAS B 4.9W 840 FR E14 ¹ | 4099854049347 | 25 | E14 | 4.9 | 470 | 4000 | 80 | 96 | 37 | Frosted | 10000 | A | 10 | 2 |
| CLAS B 4.9W 865 FR E14 ¹ | 4099854049361 | 40 | E14 | 4.9 | 470 | 6500 | 80 | 96 | 37 | Frosted | 10000 | A | 10 | 2 |
| CLAS B 7.5W 827 FR E14 ¹ | 4099854049262 | 60 | E14 | 7.5 | 806 | 2700 | 80 | 115 | 39 | Frosted | 10000 | A | 10 | 3 |
| CLAS P 40 V 4W 827 FIL CL E14 ¹ | 4099854069024 | 40 | E14 | 4 | 470 | 2700 | 80 | 77 | 45 | Clear | 10000 | A | 10 | 4 |
| CLAS P 4.9W 827 FR E14 ¹ | 4099854049408 | 40 | E14 | 4.9 | 470 | 2700 | 80 | 79 | 45 | Frosted | 10000 | A | 10 | 5 |
| CLAS P 4.9W 840 FR E14 ¹ | 4099854049422 | 40 | E14 | 4.9 | 470 | 4000 | 80 | 79 | 45 | Frosted | 10000 | A | 10 | 5 |
| CLAS P 4.9W 865 FR E14 ¹ | 4099854049446 | 40 | E14 | 4.9 | 470 | 6500 | 80 | 79 | 45 | Frosted | 10000 | A | 10 | 5 |
| CLAS P 7.5W 827 FR E14 ¹ | 4099854049224 | 60 | E14 | 7.5 | 806 | 2700 | 80 | 89 | 47 | Frosted | 10000 | A | 10 | 6 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² L70/B50 | ³ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

Vintage 1906 LED DIM

LED lamps, dimmable vintage edition



PRODUCT FEATURES

- LED lamps for line voltage
- Lamp made of glass
- Lifetime: up to 15,000 h
- Beam angle: up to 360°

PRODUCT BENEFITS

- Very low energy consumption
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Lamps with innovative LED „filament“ technology

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | W | lm | K | CRI | l (mm) | Ø d (mm) | t _{in} ³ | Energy efficiency class ⁴ | Light No. | | |
|--|---------------|----|-----|-----|-----|------|--------|----------|------------------------------|--------------------------------------|-----------|---|----|
| Vintage 1906 BALLON BLUE DIM 10 4.5 W/1600 K E27 | 4058075761872 | 10 | E27 | 4.5 | 100 | 1600 | 80 | 270 | 170 | Blue | 15000 | 4 | 1 |
| Vintage 1906 NEST DIM 10 4.8 W/1800 K E27 | 4058075761056 | 10 | E27 | 4.8 | 100 | 1800 | 80 | 405 | 200 | Smoke | 15000 | 4 | 40 |
| Vintage 1906 BALLON PINK DIM 15 4.5 W/1600 K E27 | 4058075761896 | 15 | E27 | 4.5 | 220 | 1600 | 80 | 270 | 170 | Pink | 15000 | 4 | 2 |
| Vintage 1906 GLOBE 140 DIM 15 4.5 W/1600 K E27 | 4058075760974 | 15 | E27 | 4.5 | 150 | 1600 | 80 | 200 | 140 | Smoke | 15000 | 4 | 3 |

¹ Dimmable (with many common dimmers, see also www.ledvance.com/dim). All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

| Product name | GTIN (EAN) | W | H | W | lm | K | CRI | $\frac{l}{(mm)}$ | $\frac{d}{(mm)}$ | Color | Lifespan | Superior Class | Performance Class | Value Class |
|---|---------------|----|-----|-----|-----|------|-----|------------------|------------------|-------|----------|----------------|-------------------|-------------|
| Vintage 1906 ET165 DIM 15 4.5 W/1700 K E27 | 4058075760998 | 15 | E27 | 4.5 | 150 | 1700 | 80 | 270 | 165 | Smoke | 15000 | ■ | ■ | ■ |
| Vintage 1906 AW188 DIM 15 4 W/1800 K E27 | 4058075761018 | 15 | E27 | 4 | 140 | 1800 | 80 | 400 | 193 | Smoke | 15000 | ■ | ■ | ■ |
| Vintage 1906 DIM Big Globe 15 4 W/1800 K E27 ¹ | 4058075270046 | 15 | E27 | 4 | 140 | 1800 | 80 | 290 | 200 | Smoke | 15000 | ■ | ■ | ■ |
| Vintage 1906 DIM BIG GRAPE 15 4 W/1800 K E27 ¹ | 4058075270022 | 15 | E27 | 4 | 140 | 1800 | 80 | 290 | 160 | Smoke | 15000 | ■ | ■ | ■ |
| Vintage 1906 GLOBE200 DIM 16 4.8 W/1800 K E27 | 4058075761278 | 16 | E27 | 4.8 | 150 | 1800 | 80 | 295 | 200 | Smoke | 15000 | ■ | ■ | ■ |
| Vintage 1906 ET124 GREEN DIM 18 4.5 W/1600 K E27 | 4058075761858 | 18 | E27 | 4.5 | 180 | 1600 | 80 | 176 | 125 | Green | 15000 | ■ | ■ | ■ |
| Vintage 1906 CLASSIC B DIM 25 3.4 W/2200 K E14 | 4099854091612 | 25 | E14 | 3.4 | 250 | 2200 | 80 | 97 | 35 | Gold | 15000 | ■ | ■ | ■ |
| Vintage 1906 CLASSIC P DIM 25 3.4 W/2200 K E14 | 4058075761438 | 25 | E14 | 3.4 | 250 | 2200 | 80 | 78 | 45 | Gold | 15000 | ■ | ■ | ■ |
| Vintage 1906 DIM BIG GRAPE 28 4 W/2000 K E27 ¹ | 4058075269705 | 28 | E27 | 4 | 300 | 2000 | 80 | 290 | 160 | Gold | 15000 | ■ | ■ | ■ |
| Vintage 1906DIM Big Globe 28 4 W/2000 K E27 ¹ | 4058075269729 | 28 | E27 | 4 | 300 | 2000 | 80 | 290 | 200 | Gold | 15000 | ■ | ■ | ■ |
| Vintage 1906 DIM GLOBE 28 4 W/2000 K E27 ¹ | 4058075270008 | 28 | E27 | 4 | 300 | 2000 | 80 | 168 | 124 | Gold | 15000 | ■ | ■ | ■ |
| Vintage 1906 GLOBE 80 DIM 30 7.8 W/1800 K E27 | 4099854090745 | 30 | E27 | 7.8 | 360 | 1800 | 80 | 120 | 80 | Smoke | 15000 | ■ | ■ | ■ |
| Vintage 1906 Edison DIM 30 7.8 W/1800 K E27 | 4099854090981 | 30 | E27 | 7.8 | 360 | 1800 | 80 | 140 | 64 | Smoke | 15000 | ■ | ■ | ■ |
| Vintage 1906 GLOBE 125 DIM 30 7.8 W/1800 K E27 | 4058075761254 | 30 | E27 | 7.8 | 360 | 1800 | 80 | 173 | 124 | Smoke | 15000 | ■ | ■ | ■ |
| Vintage 1906 GLOBE95 DIM 30 7.8 W/1800 K E27 | 4058075761216 | 30 | E27 | 7.8 | 360 | 1800 | 80 | 138 | 95 | Smoke | 15000 | ■ | ■ | ■ |
| Vintage 1906 BALLON DIM 30 4.8 W/2700 K E27 | 4058075761919 | 30 | E27 | 4.8 | 400 | 2700 | 80 | 270 | 170 | Clear | 15000 | ■ | ■ | ■ |
| Vintage 1906 GLOBE200 DIM 33 4.8 W/2200 K E27 | 4058075761698 | 33 | E27 | 4.8 | 400 | 2200 | 80 | 295 | 200 | Gold | 15000 | ■ | ■ | ■ |
| Vintage 1906 NEST DIM 33 4.8 W/2200 K E27 | 4058075761834 | 33 | E27 | 4.8 | 360 | 2200 | 80 | 405 | 200 | Gold | 15000 | ■ | ■ | ■ |
| Vintage 1906 CLASSIC A DIM 35 4.8 W/2200 K E27 | 4058075761452 | 35 | E27 | 4.8 | 400 | 2200 | 80 | 105 | 60 | Gold | 15000 | ■ | ■ | ■ |
| Vintage 1906 GLOBE 125 DIM 37 4.8 W/2200 K E27 | 4058075761650 | 37 | E27 | 4.8 | 420 | 2200 | 80 | 173 | 124 | Gold | 15000 | ■ | ■ | ■ |
| Vintage 1906 Edison DIM 37 4.8 W/2200 K E27 | 4099854091025 | 37 | E27 | 4.8 | 420 | 2200 | 80 | 140 | 64 | Gold | 15000 | ■ | ■ | ■ |
| Vintage 1906 G95-SHAPE 95 DIM 37 4.8 W/2200 K E27 | 4058075761612 | 37 | E27 | 4.8 | 420 | 2200 | 80 | 138 | 95 | Gold | 15000 | ■ | ■ | ■ |
| Vintage 1906 GLOBE 80 DIM 37 4.8 W/2200 K E27 | 4099854090806 | 37 | E27 | 4.8 | 420 | 2200 | 80 | 120 | 80 | Gold | 15000 | ■ | ■ | ■ |
| Vintage 1906 Edison DIM 40 5.8 W/2200 K E27 | 4099854091063 | 40 | E27 | 5.8 | 470 | 2200 | 80 | 140 | 64 | Gold | 15000 | ■ | ■ | ■ |
| Vintage 1906 GLOBE 80 DIM 40 5.8 W/2200 K E27 | 4099854090844 | 40 | E27 | 5.8 | 470 | 2200 | 80 | 120 | 80 | Gold | 15000 | ■ | ■ | ■ |
| Vintage 1906 Tubular 40 4.8 W/2200 K E27 | 4099854091803 | 40 | E27 | 4.8 | 470 | 2200 | 80 | 165 | 32 | Gold | 15000 | ■ | ■ | ■ |
| Vintage 1906 GLOBE 95 DIM 40 5.8 W/2200 K E27 | 4058075761759 | 40 | E27 | 5.8 | 470 | 2200 | 80 | 138 | 95 | Gold | 15000 | ■ | ■ | ■ |
| Vintage 1906 GLOBE 125 DIM 40 5.8 W/2200 K E27 | 4058075761797 | 40 | E27 | 5.8 | 470 | 2200 | 80 | 173 | 124 | Gold | 15000 | ■ | ■ | ■ |
| Vintage 1906 GLOBE 125 DIM 42 11 W/1800 K E27 | 4058075761391 | 42 | E27 | 11 | 500 | 1800 | 80 | 173 | 124 | Smoke | 15000 | ■ | ■ | ■ |
| Vintage 1906 GLOBE 95 DIM 42 11 W/1800 K E27 | 4058075761353 | 42 | E27 | 11 | 500 | 1800 | 80 | 138 | 95 | Smoke | 15000 | ■ | ■ | ■ |
| Vintage 1906 GLOBE 80 DIM 42 11 W/1800 K E27 | 4099854090783 | 42 | E27 | 11 | 500 | 1800 | 80 | 120 | 80 | Smoke | 15000 | ■ | ■ | ■ |
| Vintage 1906 Edison DIM 42 11 W/1800 K E27 | 4099854091001 | 42 | E27 | 11 | 500 | 1800 | 80 | 140 | 64 | Smoke | 15000 | ■ | ■ | ■ |
| Vintage 1906 GLOBE 80 DIM 48 7 W/2200 K E27 | 4099854090820 | 48 | E27 | 7 | 600 | 2200 | 80 | 120 | 80 | Gold | 15000 | ■ | ■ | ■ |
| Vintage 1906 GLOBE 125 DIM 48 7 W/2200 K E27 | 4058075761674 | 48 | E27 | 7 | 600 | 2200 | 80 | 173 | 124 | Gold | 15000 | ■ | ■ | ■ |
| Vintage 1906 Edison DIM 48 7 W/2200 K E27 | 4099854091049 | 48 | E27 | 7 | 600 | 2200 | 80 | 140 | 64 | Gold | 15000 | ■ | ■ | ■ |
| Vintage 1906 GLOBE 95 DIM 48 7 W/2200 K E27 | 4058075761636 | 48 | E27 | 7 | 600 | 2200 | 80 | 138 | 95 | Gold | 15000 | ■ | ■ | ■ |
| Vintage 1906 Edison DIM 55 6.5 W/2400 K E27 ¹ | 4058075754713 | 55 | E27 | 6.5 | 725 | 2400 | 80 | 143 | 64 | Gold | 15000 | ■ | ■ | ■ |
| Vintage 1906 DIM GLOBE 55 6.5 W/2400 K E27 ¹ | 4058075808997 | 55 | E27 | 6.5 | 725 | 2400 | 80 | 168 | 124 | Gold | 15000 | ■ | ■ | ■ |
| Vintage 1906 GLOBE 125 DIM 60 8.8 W/2200 K E27 | 4058075761810 | 60 | E27 | 8.8 | 806 | 2200 | 80 | 173 | 124 | Gold | 15000 | ■ | ■ | ■ |
| Vintage 1906 GLOBE 95 DIM 60 8.8 W/2200 K E27 | 4058075761773 | 60 | E27 | 8.8 | 806 | 2200 | 80 | 138 | 95 | Gold | 15000 | ■ | ■ | ■ |
| Vintage 1906 GLOBE 80 DIM 60 8.8 W/2200 K E27 | 4099854090943 | 60 | E27 | 8.8 | 806 | 2200 | 80 | 120 | 80 | Gold | 15000 | ■ | ■ | ■ |
| Vintage 1906 Edison DIM 60 8.8 W/2200 K E27 | 4099854091087 | 60 | E27 | 8.8 | 806 | 2200 | 80 | 140 | 64 | Gold | 15000 | ■ | ■ | ■ |
| Vintage 1906 CLASSIC C125 28 4 W/1800 K E27 | 4099854090325 | 28 | E27 | 4 | 140 | 1800 | 80 | 283 | 125 | Smoke | 15000 | - | ■ | ■ |
| Vintage 1906 Edison DIM 28 4 W/2000 K E27 | 4099854090103 | 28 | E27 | 4 | 300 | 2000 | 80 | 143 | 64 | Gold | 15000 | ■ | ■ | ■ |
| Vintage 1906 GLOBE 95 DIM 55 6.5 W/2400 K E27 | 4058075754737 | 55 | E27 | 6.5 | 725 | 2400 | 80 | 135 | 95 | Gold | 15000 | ■ | ■ | ■ |
| Vintage 1906 DIM EDISON 55 6.5 W/2400 K E27 | 4099854081514 | 55 | E27 | 6.5 | 725 | 2400 | 80 | 143 | 64 | Gold | 15000 | ■ | ■ | ■ |

¹ Dimmable (with many common dimmers, see also www.ledvance.com/dim). All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

Vintage 1906® LED

LED lamps, vintage edition



PRODUCT FEATURES

- LED lamps for line voltage
- Lamp made of glass
- Lifetime: up to 15,000 h
- Beam angle: up to 360°

PRODUCT BENEFITS

- Very low energy consumption
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Lamps with innovative LED „filament“ technology



































AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | w | W | lm | K | CRI | l (mm) | Ø d (mm) | Light Color | Lifespan (h) | Energy Efficiency Class | Beam Angle | Temp. Class |
|---|---------------|----|-----|-----|-----|------|--------|----------|-------------|--------------|-------------------------|------------|-------------|
| Vintage 1906 CLASSIC A 10 3.4 W/1800 K E27 | 4058075760912 | 10 | E27 | 3.4 | 100 | 1800 | 80 | 105 | 60 | Smoke | 15000 | A | 6 |
| Vintage 1906 GLOBE 95 10 3.4 W/1800 K E27 | 4058075760950 | 10 | E27 | 3.4 | 100 | 1800 | 80 | 138 | 95 | Smoke | 15000 | A | 4 |
| Vintage 1906 Edison 10 3.4 W/1800 K E27 | 4099854091353 | 10 | E27 | 3.4 | 100 | 1800 | 80 | 140 | 64 | Smoke | 15000 | A | 4 |
| Vintage 1906 BA 12 1.5 W/2400 K E14 | 4099854091551 | 12 | E14 | 1.5 | 120 | 2400 | 80 | 121 | 35 | Gold | 15000 | A | 10 |
| Vintage 1906 CLAS B 12 1.5 W/2400 K E14 | 4099854091599 | 12 | E14 | 1.5 | 120 | 2400 | 80 | 100 | 35 | Gold | 15000 | A | 6 |
| Vintage 1906 BW 12 1.5 W/2400 K E14 | 4099854091513 | 12 | E14 | 1.5 | 120 | 2400 | 80 | 100 | 35 | Gold | 15000 | A | 6 |
| Vintage 1906 GLOBE 15 4 W/1800 K E27 ¹ | 4058075269927 | 15 | E27 | 4 | 140 | 1800 | 80 | 290 | 200 | Smoke | 15000 | A | 4 |
| Vintage 1906 GLOBE 15 4 W/1800 K E27 ¹ | 4058075269989 | 15 | E27 | 4 | 140 | 1800 | 80 | 168 | 124 | Smoke | 15000 | A | 4 |
| Vintage 1906 Edison 15 4 W/1800 K E27 | 4099854091315 | 15 | E27 | 4 | 140 | 1800 | 80 | 143 | 64 | Smoke | 15000 | A | 4 |
| Vintage 1906 BIG GRAPE 15 4 W/1800 K E27 ¹ | 4058075269903 | 15 | E27 | 4 | 140 | 1800 | 80 | 290 | 160 | Smoke | 15000 | A | 4 |
| Vintage 1906 Tubular 20 2.5 W/2000 K E27 | 4099854091858 | 20 | E27 | 2.5 | 200 | 2000 | 80 | 127 | 32 | Gold | 15000 | A | 4 |
| Vintage 1906 CLAS B 22 2.5 W/2400 K E14 | 4099854091575 | 22 | E14 | 2.5 | 220 | 2400 | 80 | 100 | 35 | Gold | 15000 | A | 6 |
| Vintage 1906 BW 22 2.5 W/2400 K E14 | 4099854091490 | 22 | E14 | 2.5 | 220 | 2400 | 80 | 100 | 35 | Gold | 15000 | A | 6 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

| Product name | GTIN (EAN) |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--|---------------|---|---|---|---|--|---|---|---|---|---|---|---|---|
| Vintage 1906 CLAS P 22 2.5 W/2400 K E14 ¹ | 4058075290815 | 22 | E14 | 2.5 | 220 | 2400 | 80 | 77 | 45 | Gold | 15000 |  | 6 | 12 |
| Vintage 1906 CLAS A 22 2.5 W/2400 K E27 ¹ | 4058075293199 | 22 | E27 | 2.5 | 220 | 2400 | 80 | 105 | 60 | Gold | 15000 |  | 6 | 13 |
| Vintage 1906 Edison 22 2.5 W/2400 K E27 | 4099854091339 | 22 | E27 | 2.5 | 220 | 2400 | 80 | 143 | 64 | Gold | 15000 |  | 4 | 14 |
| Vintage 1906 GLOBE 22 2.5 W/2400 K E27 ¹ | 4058075808980 | 22 | E27 | 2.5 | 220 | 2400 | 80 | 168 | 124 | Gold | 15000 |  | 4 | 15 |
| Vintage 1906 BA 22 2.5 W/2400 K E14 | 4099854091537 | 22 | E14 | 2.5 | 220 | 2400 | 80 | 121 | 35 | Gold | 15000 |  | 10 | 4 |
| Vintage 1906 Edison 28 4 W/2000 K E27 | 4099854091292 | 28 | E27 | 4 | 300 | 2000 | 80 | 143 | 64 | Gold | 15000 |  | 4 | 16 |
| Vintage 1906 GLOBE 28 4 W/2000 K E27 ¹ | 4058075092013 | 28 | E27 | 4 | 300 | 2000 | 80 | 290 | 200 | Gold | 15000 |  | 4 | 17 |
| Vintage 1906 BIG GRAPE 28 4 W/2000 K E27 ¹ | 4058075091993 | 28 | E27 | 4 | 300 | 2000 | 80 | 290 | 160 | Gold | 15000 |  | 4 | 18 |
| Vintage 1906 GLOBE 28 CL 4 W/2000 K E27 ¹ | 4058075092136 | 28 | E27 | 4 | 300 | 2000 | 80 | 168 | 124 | Gold | 15000 |  | 4 | 19 |
| Vintage 1906 Tubular 35 4 W/2000 K E27 | 4099854091889 | 35 | E27 | 4 | 400 | 2000 | 80 | 185 | 32 | Gold | 15000 |  | 4 | 20 |
| Vintage 1906 CLAS A 35 4 W/2400 K E27 ¹ | 4058075293090 | 35 | E27 | 4 | 410 | 2400 | 80 | 105 | 60 | Gold | 15000 |  | 6 | 21 |
| Vintage 1906 CLAS B 35 4 W/2400 K E14 | 4099854091476 | 35 | E14 | 4 | 410 | 2400 | 80 | 100 | 35 | Gold | 15000 |  | 6 | 22 |
| Vintage 1906 GLOBE 35 4 W/2400 K E27 | 4099854091179 | 35 | E27 | 4 | 410 | 2400 | 80 | 168 | 124 | Gold | 15000 |  | 4 | 23 |
| Vintage 1906 CLAS P 35 4 W/2400 K E14 ¹ | 4058075293496 | 35 | E14 | 4 | 410 | 2400 | 80 | 77 | 45 | Gold | 15000 |  | 6 | 24 |
| Vintage 1906 Edison 35 4 W/2400 K E27 | 4099854091377 | 35 | E27 | 4 | 410 | 2400 | 80 | 143 | 64 | Gold | 15000 |  | 4 | 25 |
| Vintage 1906 Diamond 40 CL 4 W/2400 K E27 ¹ | 4058075091955 | 40 | E27 | 4 | 470 | 2400 | 80 | 142 | 110 | Gold | 15000 |  | 4 | 26 |
| Vintage 1906 PINE 40 4 W/2400 K E27 ¹ | 4058075092037 | 40 | E27 | 4 | 470 | 2400 | 80 | 168 | 125 | Gold | 15000 |  | 4 | 27 |
| Vintage 1906 OVAL 40 4 W/2400 K E27 | 4099854091117 | 40 | E27 | 4 | 470 | 2400 | 80 | 156 | 75 | Gold | 15000 |  | 4 | 28 |
| Vintage 1906 CLAS A 50 6.5 W/2400 K E27 ¹ | 4058075293298 | 50 | E27 | 6.5 | 650 | 2400 | 80 | 105 | 60 | Gold | 15000 |  | 6 | 21 |
| Vintage 1906 GLOBE 55 6.5 W/2400 K E27 ¹ | 4058075809406 | 55 | E27 | 6.5 | 720 | 2400 | 80 | 168 | 124 | Gold | 15000 |  | 4 | 23 |
| Vintage 1906 CLAS A 63 7.5 W/2400 K E27 ¹ | 4058075293359 | 63 | E27 | 7.5 | 865 | 2400 | 80 | 105 | 60 | Gold | 15000 |  | 6 | 21 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

LED CLASSIC A AND P MIRROR P

PERFOR-
MANCE
CLASS

LED lamps, classic bulb shape with mirror bulb crown



LEDVANCE²
4 year
guarantee

PRODUCT FEATURES

- Bulb crown coating: silver
- Lamp made of glass
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity

PRODUCT BENEFITS

- Long lifetime of up to 15,000 h
- Low energy consumption
- Easy relamping thanks to compact design
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Perfect for decorative installations
- Mirror lighting
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | Im | K | CRI | L (mm) | Ø (mm) | Light | t ₉₀ | Energy efficiency class | RoHS | REACH | No. | |
|---|---------------|----|-----|-----|-----|--------|--------|-------|-----------------|-------------------------|-------|-------|-----|---|
| CLAS A 50 MIR S P 6.5W 827 FIL SIL E27 ¹ | 4099854062742 | 50 | E27 | 6.5 | 650 | 2700 | 80 | 105 | 60 | Clear | 15000 | ▶ | 10 | 1 |
| CLAS P 31 MIR S P 4W 827 FIL SIL E14 ¹ | 4099854070037 | 31 | E14 | 4 | 350 | 2700 | 80 | 77 | 45 | Clear | 15000 | ▶ | 10 | 2 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

LED CLASSIC LAMPS FROSTED S

LED lamps with CRI 97, A B P types



PRODUCT FEATURES

- LED lamps for line voltage
- Color rendering index R_a : 97

PRODUCT BENEFITS

- Design, dimensions, luminous flux comparable to a halogen lamp
- Natural light spectrum with outstanding color rendering of CRI = 97
- Greatly reduced blue component
- Improved visual comfort and reduced eye strain
- Very low energy consumption

AREAS OF APPLICATION

- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | W | lm | K | CRI | I (lm) | d (mm) | Light bulb icon | t(h) | Energy efficiency class (EEC) | Energy efficiency class (EEC) | Energy efficiency class (EEC) | Energy efficiency class (EEC) |
|-------------------------------------|---------------|----|-----|-----|-----|------|--------|--------|-----------------|---------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| CLAS B 2.8W 927 FR E14 ¹ | 4099854075445 | 25 | E14 | 2.8 | 245 | 2700 | 97 | 96 | 37 | Frosted | 30000 | 10 | 3 | |
| CLAS A 4.9W 927 FR E27 ¹ | 4099854075407 | 40 | E27 | 4.9 | 470 | 2700 | 97 | 107 | 60 | Frosted | 30000 | 10 | 1 | |
| CLAS B 4.9W 927 FR E14 ¹ | 4099854075469 | 40 | E14 | 4.9 | 470 | 2700 | 97 | 106 | 38 | Frosted | 30000 | 10 | 4 | |
| CLAS P 4.9W 927 FR E14 ¹ | 4099854075483 | 40 | E14 | 4.9 | 470 | 2700 | 97 | 89 | 47 | Frosted | 30000 | 10 | 5 | |
| CLAS A 9.4W 927 FR E27 ¹ | 4099854075421 | 60 | E27 | 9.4 | 806 | 2700 | 97 | 112 | 60 | Frosted | 30000 | 10 | 2 | |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED CLASSIC LAMPS FOR FACILITIES S

Professional LED lamps for facilities AC/DC



1

2

LEDVANCE²
5 year
guarantee

PRODUCT FEATURES

- LED lamp compatible for emergency power system
- High switching cycle with 500,000 times

PRODUCT BENEFITS

- Light for AC/DC system (AC 220-240V, DC 176-250V)
- High switching cycle enables long lifetime when it is connected to motion sensors
- Very long lifetime of up to 25,000 h

AREAS OF APPLICATION

- Public space in large-scaled buildings: staircases, corridors, emergency exits, basement
- Outdoor applications only in suitable luminaires

| Product name | GTIN (EAN) | w | W | lm | K | CRI | I (lm) | d (mm) | t (h) | Energy efficiency class (EEC) | Value class | Guarantee | |
|---|---------------|----|-----|-----|------|------|--------|--------|-------|-------------------------------|-------------|-----------|---|
| CLAS A 60 FA S 7W 827 FR E27 ¹ | 4099854044151 | 60 | E27 | 7 | 806 | 2700 | 80 | 108 | 60 | Frosted | 25000 | 10 | 1 |
| CLAS A 60 FA S 7W 840 FR E27 ¹ | 4099854044175 | 60 | E27 | 7 | 806 | 4000 | 80 | 108 | 60 | Frosted | 25000 | 10 | 1 |
| CLAS B 60 FA S 7.3W 827 FR E14 | 4099854086342 | 60 | E14 | 7.3 | 806 | 2700 | 80 | 107 | 37 | Frosted | 25000 | 10 | 2 |
| CLAS B 60 FA S 7.3W 840 FR E14 | 4099854086366 | 60 | E14 | 7.3 | 806 | 4000 | 80 | 107 | 37 | Frosted | 25000 | 10 | 2 |
| CLAS A 75 FA S 9W 827 FR E27 ¹ | 4099854044199 | 75 | E27 | 9 | 1055 | 2700 | 80 | 112 | 60 | Frosted | 25000 | 10 | 1 |
| CLAS A 75 FA S 9W 840 FR E27 ¹ | 4099854044212 | 75 | E27 | 9 | 1055 | 4000 | 80 | 112 | 60 | Frosted | 25000 | 10 | 1 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED STAR CLASSIC A FOR LOW VOLTAGE

LED lamps, classic bulb shape



1



PRODUCT FEATURES

- LED lamp for low voltage power system (AC/DC 12V-36V)

PRODUCT BENEFITS

- Fit for off-grid use
- Low energy consumption

AREAS OF APPLICATION

- Battery power system without main connection
- Camping, Camper, Garden house
- Outdoor applications only in suitable luminaires

| Product name | GTIN (EAN) | W | W | lm | K | CRI | I (mm) | d (mm) | Light bulb icon | t(h) | Energy efficiency class | Value class | Light bulb icon |
|--|---------------|----|-----|-----|-----|------|--------|--------|-----------------|---------|-------------------------|-------------|-----------------|
| ST CLAS A 45 6.5 W/2700 K E27 | 4099854040368 | 45 | E27 | 6.5 | 600 | 2700 | 80 | 112 | 60 | Frosted | 25000 | 6 | 1 |
| ST CLAS A 45 6.5 W/4000 K E27 ¹ | 4058075757608 | 45 | E27 | 6.5 | 600 | 4000 | 80 | 118 | 60 | Frosted | 20000 | 6 | 1 |
| ST CLAS A 65 9 W/2700 K E27 | 4099854040467 | 65 | E27 | 9 | 940 | 2700 | 80 | 112 | 60 | Frosted | 25000 | 6 | 1 |
| ST CLAS A 65 9 W/4000 K E27 ¹ | 4058075757622 | 65 | E27 | 9 | 940 | 4000 | 80 | 118 | 60 | Frosted | 20000 | 6 | 1 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED CLASSIC A DIM P

Dimmable LED lamps, classic bulb shape



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- Professional LED lamps for line voltage
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Long lifetime: up to 25,000 h
- Good quality of light; color rendering index R_a : 80; constant chromaticity

PRODUCT BENEFITS

- Low energy consumption
- High color consistency thanks to narrow binning
- Easy replacement of classic lamps thanks to compact design

AREAS OF APPLICATION

- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | W | lm | K | CRI | I (lm) | d (mm) | Light bulb icon | t(h) ³ | Energy efficiency class (EEC) ⁴ | Value class icon | Light bulb icon | |
|---|---------------|-----|-----|------|------|------|--------|--------|-----------------|-------------------|--|------------------|-----------------|---|
| CLAS A 60 DIM P 8.8W 827 FR E27 ¹ | 4099854043970 | 60 | E27 | 8.8 | 806 | 2700 | 80 | 108 | 60 | Frosted | 25000 | A | 10 | 1 |
| CLAS A 75 DIM P 10.5W 827 FR E27 ¹ | 4099854043994 | 75 | E27 | 10.5 | 1055 | 2700 | 80 | 112 | 60 | Frosted | 25000 | A | 10 | 1 |
| CLAS A 100 DIM P 14W 827 FR E27 ¹ | 4099854044014 | 100 | E27 | 14 | 1521 | 2700 | 80 | 120 | 60 | Frosted | 25000 | A | 10 | 2 |
| CLAS A 150 DIM P 20W 827 FR E27 ¹ | 4099854044038 | 150 | E27 | 20 | 2452 | 2700 | 80 | 137 | 70 | Frosted | 25000 | A | 10 | 3 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

LED CLASSIC A P

LED lamps, classic bulb shape



PRODUCT FEATURES

- Professional LED lamps for line voltage
- Not dimmable
- Lifetime: up to 15,000 h
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity

PRODUCT BENEFITS

- Low energy consumption
- Easy replacement of classic lamps thanks to compact design
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | W | lm | K | CRI | I (lm) | d (mm) | Light bulb icon | t (h) | Energy efficiency icon | Energy efficiency icon | Energy efficiency icon | Energy efficiency icon |
|--------------------------------------|---------------|-----|------|-----|------|------|--------|--------|-----------------|---------|------------------------|------------------------|------------------------|------------------------|
| CLAS A 4.9W 827 FR E27 ¹ | 4099854049460 | 40 | E27 | 4.9 | 470 | 2700 | 80 | 95 | 55 | Frosted | 15000 | Energy efficiency icon | Energy efficiency icon | Energy efficiency icon |
| CLAS A 4.9W 840 FR E27 ¹ | 4099854049538 | 40 | E27 | 4.9 | 470 | 4000 | 80 | 95 | 55 | Frosted | 15000 | Energy efficiency icon | Energy efficiency icon | Energy efficiency icon |
| CLAS A 8.5W 827 FR E27 ¹ | 4099854049088 | 60 | E27 | 8.5 | 806 | 2700 | 80 | 107 | 60 | Frosted | 15000 | Energy efficiency icon | Energy efficiency icon | Energy efficiency icon |
| CLAS A 8.5W 840 FR E27 ¹ | 4099854049149 | 60 | E27 | 8.5 | 806 | 4000 | 80 | 107 | 60 | Frosted | 15000 | Energy efficiency icon | Energy efficiency icon | Energy efficiency icon |
| CLAS A 8.5W 827 FR B22d ¹ | 4099854049101 | 60 | B22d | 8.5 | 806 | 2700 | 80 | 107 | 60 | Frosted | 15000 | Energy efficiency icon | Energy efficiency icon | Energy efficiency icon |
| CLAS A 10W 827 FR E27 ¹ | 4099854048821 | 75 | E27 | 10 | 1055 | 2700 | 80 | 113 | 60 | Frosted | 15000 | Energy efficiency icon | Energy efficiency icon | Energy efficiency icon |
| CLAS A 10W 840 FR E27 ¹ | 4099854048869 | 75 | E27 | 10 | 1055 | 4000 | 80 | 113 | 60 | Frosted | 15000 | Energy efficiency icon | Energy efficiency icon | Energy efficiency icon |
| CLAS A 13W 827 FR E27 ¹ | 4099854048944 | 100 | E27 | 13 | 1521 | 2700 | 80 | 118 | 60 | Frosted | 15000 | Energy efficiency icon | Energy efficiency icon | Energy efficiency icon |
| CLAS A 13W 840 FR E27 ¹ | 4099854048968 | 100 | E27 | 13 | 1521 | 4000 | 80 | 118 | 60 | Frosted | 15000 | Energy efficiency icon | Energy efficiency icon | Energy efficiency icon |
| CLAS A 19W 827 FR E27 ¹ | 4099854048784 | 150 | E27 | 19 | 2452 | 2700 | 80 | 131 | 65 | Frosted | 15000 | Energy efficiency icon | Energy efficiency icon | Energy efficiency icon |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED CLASSIC B DIM AND NON-DIM P

Dimmable and non-dimmable LED lamps, classic mini-candle shape



Compatibility list also online:
ledvance.com/compatibility



CLASSIC B DIM P

PRODUCT FEATURES

- Professional LED lamps for line voltage
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Lifetime: up to 25,000 h
- Good quality of light; color rendering index R_a : 80; constant chromaticity

PRODUCT BENEFITS

- Low energy consumption
- High color consistency thanks to narrow binning
- Easy replacement of classic lamps thanks to compact design

AREAS OF APPLICATION

- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | lm | K | CRI | l (mm) | d (mm) | Light bulb icon | t (h) | Energy efficiency icon | IP | No. | |
|--|---------------|----|-----|-----|-----|--------|--------|-----------------|-------|------------------------|-------|-----|---|
| CLAS B 40 DIM P 4.9W 827 FR E14 ¹ | 4099854044052 | 40 | E14 | 4.9 | 470 | 2700 | 80 | 100 | 35 | Frosted | 25000 | 10 | 1 |



CLASSIC B P

PRODUCT FEATURES

- Professional LED lamps for line voltage
- Not dimmable
- Lifetime: up to 15,000 h
- Good quality of light; color rendering index R_a : ≥ 80 ; constant chromaticity

PRODUCT BENEFITS

- Low energy consumption
- Easy replacement of classic lamps thanks to compact design
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Domestic applications
- General illumination
- Chandeliers
- Outdoor use in outdoor luminaires only (minimum IP65)

| Product name | GTIN (EAN) | W | lm | K | CRI | l (mm) | d (mm) | Light bulb icon | t (h) | Energy efficiency icon | IP | No. | |
|-------------------------------------|---------------|----|-----|-----|-----|--------|-----------|-----------------|-------|------------------------|-------|-----|---|
| CLAS B 4.9W 827 FR E14 ¹ | 4099854049309 | 40 | E14 | 4.9 | 470 | 2700 | ≥ 80 | 96 | 37 | Frosted | 15000 | 10 | 2 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PERFOR-
MANCE
CLASS

CLASSIC P DIM AND NON-DIM P

Dimmable and non-dimmable LED lamps, classic mini-ball shape

Compatibility list also online:
ledvance.com/compatibility

CLASSIC P DIM P

PRODUCT FEATURES

- Professional LED lamps for line voltage
- Dimmable
- Long lifetime: up to 25,000 h
- Good quality of light; color rendering index R_a : 80; constant chromaticity

PRODUCT BENEFITS

- Low energy consumption
- High color consistency thanks to narrow binning
- Easy replacement of classic lamps thanks to compact design

AREAS OF APPLICATION

- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | w | W | lm | K | CRI | l (mm) | Ø d (mm) | Light bulb icon | t (h) | Energy efficiency class | Energy efficiency class icon | No. | |
|--|---------------|----|-----|-----|-----|------|--------|----------|-----------------|---------|-------------------------|------------------------------|-----|---|
| CLAS P 40 DIM P 4.9W 827 FR E14 ¹ | 4099854044083 | 40 | E14 | 4.9 | 470 | 2700 | 80 | 82 | 45 | Frosted | 25000 | | 10 | 1 |



CLASSIC P P

PRODUCT FEATURES

- Professional LED lamps for line voltage
- Not dimmable
- Lifetime: up to 15,000 h
- Good quality of light; color rendering index R_a : ≥ 80 ; constant chromaticity

PRODUCT BENEFITS

- Low energy consumption
- Easy replacement of classic lamps thanks to compact design
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | w | W | lm | K | CRI | l (mm) | Ø d (mm) | Light bulb icon | t (h) | Energy efficiency class | Energy efficiency class icon | No. | |
|-------------------------------------|---------------|----|-----|-----|-----|------|-----------|----------|-----------------|---------|-------------------------|------------------------------|-----|---|
| CLAS P 4.9W 827 FR E14 ¹ | 4099854049385 | 40 | E14 | 4.9 | 470 | 2700 | ≥ 80 | 79 | 45 | Frosted | 15000 | | 10 | 2 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

CLASSIC STICK DIM AND NON-DIM S



Dimmable and non-dimmable LED lamps, classic stick shape



Compatibility list also online:
ledvance.com/compatibility



LED CLASSIC STICK S

PRODUCT FEATURES

- LED lamps for line voltage
- Dimmable
- Color rendering index $R_a \geq 90$

PRODUCT BENEFITS

- Natural light spectrum with outstanding color rendering of $CRI \geq 90$
- Greatly reduced blue component
- Improved visual comfort and reduced eye strain
- Low energy consumption
- Attractive lamp appearance

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | w _a W | W | lm | K | CRI | l (mm) | ∅ d (mm) | Light bulb icon | t ₉₀ ² | Energy efficiency class ³ | Light bulb icon | Light bulb icon | |
|------------------------------------|---------------|------------------|-----|----|------|------|-----------|----------|-----------------|------------------------------|--------------------------------------|-----------------|-----------------|---|
| CLAS STICK 70 DIM S 11W 927 FR E27 | 4099854055713 | 70 | E27 | 11 | 1000 | 2700 | ≥ 90 | 121 | 44 | Frosted | 25000 | A | 10 | 1 |
| CLAS STICK 75 DIM S 11W 940 FR E27 | 4099854055751 | 75 | E27 | 11 | 1050 | 4000 | ≥ 90 | 121 | 44 | Frosted | 25000 | A | 10 | 1 |
| CLAS STICK 75 DIM S 11W 965 FR E27 | 4099854055850 | 75 | E27 | 11 | 1050 | 6500 | ≥ 90 | 121 | 44 | Frosted | 25000 | A | 10 | 1 |



CLASSIC STICK P

PRODUCT FEATURES

- LED alternative to conventional lamps
- Lifetime: up to 15,000 h
- Not dimmable
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity

PRODUCT BENEFITS

- Low energy consumption
- Attractive lamp appearance
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- All domestic rooms, especially where the lamps are visible
- Wherever compact and efficient lamps are needed
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | w _a W | W | lm | K | CRI | l (mm) | ∅ d (mm) | Light bulb icon | t ₉₀ ² | Energy efficiency class ³ | Light bulb icon | Light bulb icon | |
|-------------------------------|---------------|------------------|-----|----|------|------|--------|----------|-----------------|------------------------------|--------------------------------------|-----------------|-----------------|---|
| CLAS STICK 60 P 8W 827 FR E27 | 4099854057113 | 60 | E27 | 8 | 806 | 2700 | 80 | 116 | 36 | Frosted | 15000 | A | 10 | 2 |
| CLAS STICK 60 P 8W 840 FR E27 | 4099854057151 | 60 | E27 | 8 | 806 | 4000 | 80 | 116 | 36 | Frosted | 15000 | A | 10 | 2 |
| CLAS STICK 75 P 9W 827 FR E27 | 4099854057175 | 75 | E27 | 9 | 1050 | 2700 | 80 | 116 | 36 | Frosted | 15000 | A | 10 | 2 |
| CLAS STICK 75 P 9W 840 FR E27 | 4099854057250 | 75 | E27 | 9 | 1050 | 4000 | 80 | 116 | 36 | Frosted | 15000 | A | 10 | 2 |

¹ Refer to www.ledvance.com/guarantee for precise conditions | ² L70/B50 | ³ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

SUPERIOR
CLASS

LED REFLECTOR PAR16 AND LED REFLECTOR MR16

LED reflector lamps PAR16 with bajonett base and LED reflector lamps MR16 with pin base, natural daylight

Compatibility list also online:
ledvance.com/compatibility

LED REFLECTOR PAR16

PRODUCT FEATURES

- LED alternative to conventional low voltage lamps
- Dimmable
- Color rendering index $R_a \geq 90$
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to a halogen lamp
- Natural light spectrum with outstanding color rendering of $CRI > 90$
- Greatly reduced blue component
- Improved visual comfort and reduced eye strain

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | W | lm | K | CRI | $\frac{l}{l_{nom}}$ | $\frac{d}{d_{nom}}$ | t ₉₀ ³ | $\frac{L70}{L50}$ ⁴ | No. | No. |
|---|---------------|----|-------|-----|-----|------|---------------------|---------------------|------------------------------|--------------------------------|-----|-----|
| PAR16 35 36° DIM S 3.7 W 927 GU10 ¹ | 4058075757783 | 35 | GU10 | 3.7 | 230 | 2700 | 90 | 54 | 50 | 25000 | 10 | 2 |
| PAR16 35 36° DIM S 3.7 W 927 GU10 ¹ | 4058075757806 | 35 | GU10 | 3.7 | 230 | 4000 | 90 | 54 | 50 | 25000 | 10 | 2 |
| PAR16 50 120° DIM S 4.1 W 927 GU10 ¹ | 4058075757820 | 32 | GU10 | 4.1 | 350 | 2700 | 90 | 55 | 50 | 25000 | 10 | 1 |
| PAR16 50 120° DIM S 4.1 W 940 GU10 ¹ | 4058075757844 | 32 | GU10 | 4.1 | 350 | 4000 | 90 | 55 | 50 | 25000 | 10 | 1 |
| PAR16 50 36° DIM S 4.7 W 927 GU10 ¹ | 4058075757868 | 50 | GU10 | 4.7 | 350 | 2700 | 90 | 54 | 50 | 25000 | 10 | 2 |
| PAR16 50 36° DIM S 4.7 W 940 GU10 ¹ | 4058075757882 | 50 | GU10 | 4.7 | 350 | 4000 | 90 | 54 | 50 | 25000 | 10 | 2 |
| MR16 35 36° DIM S 5 W 927 GU5.3 ¹ | 4058075757684 | 35 | GU5.3 | 5 | 350 | 2700 | 90 | 44 | 50 | 25000 | 10 | 3 |
| MR16 35 36° DIM S 5 W 940 GU5.3 ¹ | 4058075757707 | 35 | GU5.3 | 5 | 350 | 4000 | 90 | 44 | 50 | 25000 | 10 | 3 |
| PAR16 80 120° DIM S 5.7W 927 GU10 ¹ | 4099854048296 | 46 | GU10 | 6 | 575 | 2700 | 90 | 54 | 50 | 25000 | 10 | 1 |
| PAR16 80 120° DIM S 5.7W 940 GU10 ¹ | 4099854048319 | 46 | GU10 | 6 | 575 | 4000 | 90 | 54 | 50 | 25000 | 10 | 1 |
| MR16 50 36° DIM S 8 W 927 GU5.3 ¹ | 4058075757745 | 50 | GU5.3 | 8 | 621 | 2700 | 90 | 44 | 50 | 25000 | 10 | 3 |
| MR16 50 36° DIM S 8 W 940 GU5.3 ¹ | 4058075757769 | 50 | GU5.3 | 8 | 621 | 4000 | 90 | 44 | 50 | 25000 | 10 | 3 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED PAR16 DIM S

LED reflector lamps



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- LED alternative to high voltage halogen lamps
- High color consistency: ≤ 3 SDCM
- Dimmable
- Base: GU10
- Lamp made of glass
- Excellent color rendering: 97

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Stepless dimming

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | w | W | lm | cd | K | CRI | Beam angle | Dimmable | t ₉₀ ³ | Energy efficiency class ⁴ | RoHS | No. | |
|---|---------------|----|------|-----|-----|-----|------|------------|----------|------------------------------|--------------------------------------|------|-----|---|
| PAR16 35 36° DIM S 3.4W 927 GU10 ¹ | 4099854059810 | 35 | GU10 | 3.4 | 230 | 400 | 2700 | 97 | 36 | 50 | 40000 | ▶▶▶ | 10 | 1 |
| PAR16 35 36° DIM S 3.4W 930 GU10 ¹ | 4099854059834 | 35 | GU10 | 3.4 | 230 | 400 | 3000 | 97 | 36 | 50 | 40000 | ▶▶▶ | 10 | 1 |
| PAR16 35 36° DIM S 3.4W 940 GU10 ¹ | 4099854059858 | 35 | GU10 | 3.4 | 230 | 400 | 4000 | 97 | 36 | 50 | 40000 | ▶▶▶ | 10 | 1 |
| PAR16 50 36° DIM S 6W 927 GU10 ¹ | 4099854058998 | 50 | GU10 | 6 | 350 | 700 | 2700 | 97 | 36 | 50 | 40000 | ▶▶▶ | 10 | 1 |
| PAR16 50 36° DIM S 6W 930 GU10 ¹ | 4099854059032 | 50 | GU10 | 6 | 350 | 700 | 3000 | 97 | 36 | 50 | 40000 | ▶▶▶ | 10 | 1 |
| PAR16 50 36° DIM S 6W 940 GU10 ¹ | 4099854059070 | 50 | GU10 | 6 | 350 | 700 | 4000 | 97 | 36 | 50 | 40000 | ▶▶▶ | 10 | 1 |
| PAR16 80 36° DIM S 9.5W 927 GU10 ¹ | 4099854070792 | 80 | GU10 | 9.5 | 575 | 840 | 2700 | 97 | 36 | 50 | 40000 | ▶▶▶ | 10 | 2 |
| PAR16 80 36° DIM S 9.5W 930 GU10 ¹ | 4099854070815 | 80 | GU10 | 9.5 | 575 | 840 | 3000 | 97 | 36 | 50 | 40000 | ▶▶▶ | 10 | 2 |
| PAR16 80 36° DIM S 9.5W 940 GU10 ¹ | 4099854070839 | 80 | GU10 | 9.5 | 575 | 840 | 4000 | 97 | 36 | 50 | 40000 | ▶▶▶ | 10 | 2 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED PAR16 DIM P

Dimmable LED reflector lamps PAR16 with retrofit pin base



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- LED alternative to high voltage halogen lamps
- High color consistency: ≤ 5 SDCM
- Dimmable
- Lamp made of glass
- Very high color rendering (R_a: 90)

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Stepless dimming

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W _{LED} | W _{inc} | W | lm | cd | K | CRI | Beam angle | Beam diameter | t ₉₀ | Energy efficiency class | RoHS | No. |
|--|---------------|------------------|------------------|-----|-----|-----|------|-----|------------|---------------|-----------------|-------------------------|------|-----|
| PAR16 50 36° DIM P 4.8W 927 E14 ¹ | 4099854071393 | 50 | E14 | 4.8 | 350 | 600 | 2700 | 90 | 36 | 50 | 25000 | A | 10 | 1 |
| PAR16 35 36° DIM P 3.4W 927 GU10 ¹ | 4099854059872 | 35 | GU10 | 3.4 | 230 | 400 | 2700 | 90 | 36 | 50 | 25000 | A | 10 | 2 |
| PAR16 35 36° DIM P 3.4W 930 GU10 ¹ | 4099854059896 | 35 | GU10 | 3.4 | 230 | 400 | 3000 | 90 | 36 | 50 | 25000 | A | 10 | 2 |
| PAR16 35 36° DIM P 3.4W 940 GU10 ¹ | 4099854059919 | 35 | GU10 | 3.4 | 230 | 400 | 4000 | 90 | 36 | 50 | 25000 | A | 10 | 2 |
| PAR16 50 36° DIM P 4.5W 927 GU10 ¹ | 4099854044984 | 50 | GU10 | 4.5 | 350 | 600 | 2700 | 90 | 36 | 50 | 15000 | A | 10 | 3 |
| PAR16 50 36° DIM P 4.5W 927 GU10 ¹ | 4099854044908 | 50 | GU10 | 4.5 | 350 | 600 | 2700 | 90 | 36 | 50 | 15000 | A | 50 | 3 |
| PAR16 50 36° DIM P 4.5W 930 GU10 ¹ | 4099854045462 | 50 | GU10 | 4.5 | 350 | 600 | 3000 | 90 | 36 | 50 | 25000 | A | 10 | 3 |
| PAR16 50 36° DIM P 4.5W 930 GU10 ¹ | 4099854045448 | 50 | GU10 | 4.5 | 350 | 600 | 3000 | 90 | 36 | 50 | 15000 | A | 50 | 3 |
| PAR16 50 36° DIM P 4.5W 940 GU10 ¹ | 4099854045509 | 50 | GU10 | 4.5 | 350 | 600 | 4000 | 90 | 36 | 50 | 15000 | A | 10 | 3 |
| PAR16 50 36° DIM P 4.5W 940 GU10 ¹ | 4099854045486 | 50 | GU10 | 4.5 | 350 | 600 | 4000 | 90 | 36 | 50 | 15000 | A | 50 | 3 |
| PAR16 80 120° DIM P 7.9W 927 GU10 ¹ | 4099854059018 | 51 | GU10 | 7.9 | 650 | 210 | 2700 | 90 | 120 | 50 | 25000 | A | 10 | 4 |
| PAR16 80 120° DIM P 7.9W 930 GU10 ¹ | 4099854059094 | 51 | GU10 | 7.9 | 650 | 210 | 3000 | 90 | 120 | 50 | 25000 | A | 10 | 4 |
| PAR16 80 120° DIM P 7.9W 940 GU10 ¹ | 4099854059131 | 51 | GU10 | 7.9 | 650 | 210 | 4000 | 90 | 120 | 50 | 25000 | A | 10 | 4 |
| PAR16 80 60° DIM P 8.3W 927 GU10 ¹ | 4099854058752 | 80 | GU10 | 8.3 | 575 | 560 | 2700 | 90 | 60 | 50 | 25000 | A | 10 | 3 |
| PAR16 80 36° DIM P 8.3W 927 GU10 ¹ | 4099854059117 | 80 | GU10 | 8.3 | 575 | 840 | 2700 | 90 | 36 | 50 | 25000 | A | 10 | 3 |
| PAR16 80 60° DIM P 8.3W 930 GU10 ¹ | 4099854058868 | 80 | GU10 | 8.3 | 575 | 560 | 3000 | 90 | 60 | 50 | 25000 | A | 10 | 3 |
| PAR16 80 36° DIM P 8.3W 930 GU10 ¹ | 4099854058578 | 80 | GU10 | 8.3 | 575 | 840 | 3000 | 90 | 36 | 50 | 25000 | A | 10 | 3 |
| PAR16 80 60° DIM P 8.3W 940 GU10 ¹ | 4099854058943 | 80 | GU10 | 8.3 | 575 | 560 | 4000 | 90 | 60 | 50 | 25000 | A | 10 | 3 |
| PAR16 80 36° DIM P 8.3W 940 GU10 ¹ | 4099854058738 | 80 | GU10 | 8.3 | 575 | 840 | 4000 | 90 | 36 | 50 | 25000 | A | 10 | 3 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² 4099854071393, 4099854044984, 4099854045462, 4099854045509 | ^{2,3} Refer to www.ledvance.com/guarantee for precise conditions | ³ 4099854044908, 4099854045448, 4099854045486, 4099854071393 | ⁴ L70/B50
⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED PAR16 DIM P

Dimmable LED reflector lamps PAR16 with retrofit pin base



Compatibility list also online:
ledvance.com/compatibility



1



PRODUCT FEATURES

- LED alternative to high voltage halogen lamps
- High color consistency: ≤ 5 SDCM
- Dimmable
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Stepless dimming

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | lm | cd | K | CRI | Beam angle | Beam diameter | t ₉₀ | Energy efficiency class | RoHS | REACH | No. | |
|--|---------------|-----|------|-----|-----|------|------------|---------------|-----------------|-------------------------|-------|-------|-----|---|
| PAR16 100 36° DIM P 9.6W 827 GU10 ¹ | 4099854070853 | 100 | GU10 | 9.6 | 750 | 1100 | 2700 | 80 | 36 | 50 | 25000 | A | 10 | 1 |
| PAR16 100 36° DIM P 9.6W 830 GU10 ¹ | 4099854070877 | 100 | GU10 | 9.6 | 750 | 1100 | 3000 | 80 | 36 | 50 | 25000 | A | 10 | 1 |
| PAR16 100 36° DIM P 9.6W 840 GU10 ¹ | 4099854070891 | 100 | GU10 | 9.6 | 750 | 1100 | 4000 | 80 | 36 | 50 | 25000 | A | 10 | 1 |

¹ Protection class: IP20 | ² All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value |

³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

LED PAR16 P

LED reflector lamps PAR16 with retrofit pin base



PRODUCT FEATURES

- LED alternative to high voltage halogen lamps
- High color consistency: ≤ 6 SDCM
- Not dimmable
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | W | lm | cd | K | CRI | Beam angle | Beam diameter | t ₉₀ | Energy efficiency class | Light output | Light output | |
|--|---------------|-----|------|-----|-----|------|------|------------|---------------|-----------------|-------------------------|--------------|--------------|---|
| PAR16 50 120° P 4.3W 827 GU10 ¹ | 4099854045165 | 32 | GU10 | 4.3 | 350 | 100 | 2700 | 80 | 120 | 50 | 15000 | ▶ | 10 | 3 |
| PAR16 50 120° P 4.3W 830 GU10 ¹ | 4099854045189 | 32 | GU10 | 4.3 | 350 | 100 | 3000 | 80 | 120 | 50 | 15000 | ▶ | 10 | 3 |
| PAR16 50 120° P 4.3W 865 GU10 ¹ | 4099854044588 | 32 | GU10 | 4.3 | 350 | 100 | 4000 | 80 | 120 | 50 | 15000 | ▶ | 10 | 3 |
| PAR16 35 36° P 2.6W 827 GU10 ¹ | 4099854044687 | 35 | GU10 | 2.6 | 230 | 400 | 2700 | 80 | 36 | 50 | 15000 | ▶ | 10 | 2 |
| PAR16 35 36° P 2.6W 830 GU10 ¹ | 4099854044731 | 35 | GU10 | 2.6 | 230 | 400 | 3000 | 80 | 36 | 50 | 15000 | ▶ | 10 | 2 |
| PAR16 35 36° P 2.6W 840 GU10 ¹ | 4099854044755 | 35 | GU10 | 2.6 | 230 | 400 | 4000 | 80 | 36 | 50 | 15000 | ▶ | 10 | 2 |
| PAR16 80 120° P 6.9W 827 GU10 ¹ | 4099854055034 | 49 | GU10 | 6.9 | 620 | 160 | 2700 | 80 | 120 | 50 | 15000 | ▶ | 10 | 4 |
| PAR16 80 120° P 6.9W 830 GU10 ¹ | 4099854055058 | 49 | GU10 | 6.9 | 620 | 160 | 3000 | 80 | 120 | 50 | 15000 | ▶ | 10 | 4 |
| PAR16 80 120° P 6.9W 840 GU10 ¹ | 4099854055133 | 49 | GU10 | 6.9 | 620 | 170 | 4000 | 80 | 120 | 50 | 15000 | ▶ | 10 | 4 |
| PAR16 50 36° P 4.3W 827 GU10 ¹ | 4099854045752 | 50 | GU10 | 4.3 | 350 | 600 | 2700 | 80 | 36 | 50 | 10000 | ▶ | 50 | 2 |
| PAR16 50 36° P 4.3W 827 GU10 ¹ | 4099854045660 | 50 | GU10 | 4.3 | 350 | 600 | 2700 | 80 | 36 | 50 | 15000 | ▶ | 10 | 2 |
| PAR16 50 36° P 4.3W 830 GU10 ¹ | 4099854068119 | 50 | GU10 | 4.3 | 350 | 600 | 3000 | 80 | 36 | 50 | 10000 | ▶ | 50 | 2 |
| PAR16 50 36° P 4.3W 830 GU10 ¹ | 4099854067891 | 50 | GU10 | 4.3 | 350 | 600 | 3000 | 80 | 36 | 50 | 15000 | ▶ | 10 | 2 |
| PAR16 50 36° P 4.3W 840 GU10 ¹ | 4099854068010 | 50 | GU10 | 4.3 | 350 | 600 | 4000 | 80 | 36 | 50 | 15000 | ▶ | 10 | 2 |
| PAR16 50 36° P 4.3W 840 GU10 ¹ | 4099854068133 | 50 | GU10 | 4.3 | 350 | 600 | 4000 | 80 | 36 | 50 | 10000 | ▶ | 50 | 2 |
| PAR16 50 36° P 4.5W 827 E14 ¹ | 4099854071379 | 50 | E14 | 4.5 | 350 | 700 | 2700 | 80 | 36 | 50 | 10000 | ▶ | 10 | 1 |
| PAR16 80 60° P 6.9W 827 GU10 ¹ | 4099854055928 | 80 | GU10 | 6.9 | 575 | 700 | 2700 | 80 | 60 | 50 | 15000 | ▶ | 10 | 5 |
| PAR16 80 36° P 6.9W 827 GU10 ¹ | 4099854054785 | 80 | GU10 | 6.9 | 575 | 860 | 2700 | 80 | 36 | 50 | 15000 | ▶ | 10 | 5 |
| PAR16 80 60° P 6.9W 830 GU10 ¹ | 4099854054891 | 80 | GU10 | 6.9 | 575 | 700 | 3000 | 80 | 60 | 50 | 15000 | ▶ | 10 | 5 |
| PAR16 80 36° P 6.9W 830 GU10 ¹ | 4099854054808 | 80 | GU10 | 6.9 | 575 | 860 | 3000 | 80 | 36 | 50 | 15000 | ▶ | 10 | 5 |
| PAR16 80 60° P 6.9W 840 GU10 ¹ | 4099854054976 | 80 | GU10 | 6.9 | 575 | 750 | 4000 | 80 | 60 | 50 | 15000 | ▶ | 10 | 5 |
| PAR16 80 36° P 6.9W 840 GU10 ¹ | 4099854054860 | 80 | GU10 | 6.9 | 575 | 910 | 4000 | 80 | 36 | 50 | 15000 | ▶ | 10 | 5 |
| PAR16 100 36° P 9.6W 827 GU10 ¹ | 4099854070952 | 100 | GU10 | 9.6 | 750 | 1100 | 2700 | 80 | 36 | 50 | 15000 | ▶ | 10 | 2 |
| PAR16 100 36° P 9.6W 830 GU10 ¹ | 4099854070990 | 100 | GU10 | 9.6 | 750 | 1100 | 3000 | 80 | 36 | 50 | 15000 | ▶ | 10 | 2 |
| PAR16 100 36° P 9.6W 840 GU10 ¹ | 4099854071058 | 100 | GU10 | 9.6 | 750 | 1100 | 4000 | 80 | 36 | 50 | 15000 | ▶ | 10 | 2 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² 4099854044687, 4099854044731, 4099854044755, 4099854045660, 4099854070952, 4099854070990, 4099854071058 | ^{2,3} Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED PAR16 V

LED reflector lamps PAR16 with retrofit pin base



PRODUCT FEATURES

- LED alternative to halogen lamps
- Not dimmable
- Base: GU10
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | lm | cd | K | CRI | Beam angle | Beam diameter (mm) | t ₉₀ | Energy efficiency class | Value Class | | | |
|--|---------------|----|------|-----|-----|-----|------------|--------------------|-----------------|-------------------------|-------------|---|----|---|
| PAR16 80 120° V 6.9W 830 GU10 ¹ | 4099854055096 | 49 | GU10 | 6.9 | 620 | 160 | 3000 | 80 | 120 | 50 | 10000 | A | 10 | 1 |
| PAR16 80 120° V 6.9W 840 GU10 ¹ | 4099854055157 | 49 | GU10 | 6.9 | 620 | 170 | 4000 | 80 | 120 | 50 | 10000 | A | 10 | 1 |
| PAR16 80 120° V 6.9W 865 GU10 ¹ | 4099854055256 | 49 | GU10 | 6.9 | 620 | 170 | 6500 | 80 | 120 | 50 | 10000 | A | 10 | 1 |
| PAR16 50 36° V 4.3W 830 GU10 ¹ | 4099854067914 | 50 | GU10 | 4.3 | 350 | 600 | 3000 | 80 | 36 | 50 | 10000 | A | 10 | 2 |
| PAR16 50 36° V 4.3W 840 GU10 ¹ | 4099854067976 | 50 | GU10 | 4.3 | 350 | 600 | 4000 | 80 | 36 | 50 | 10000 | A | 10 | 2 |
| PAR16 50 36° V 4.3W 865 GU10 ¹ | 4099854045080 | 50 | GU10 | 4.3 | 350 | 600 | 6500 | 80 | 36 | 50 | 10000 | A | 10 | 2 |
| PAR16 80 36° V 6.9W 830 GU10 ¹ | 4099854054822 | 80 | GU10 | 6.9 | 575 | 860 | 3000 | 80 | 36 | 50 | 10000 | A | 10 | 3 |
| PAR16 80 36° V 6.9W 840 GU10 ¹ | 4099854055331 | 80 | GU10 | 6.9 | 575 | 910 | 4000 | 80 | 36 | 50 | 10000 | A | 10 | 3 |
| PAR16 80 36° V 6.9W 865 GU10 ¹ | 4099854055379 | 80 | GU10 | 6.9 | 575 | 910 | 6500 | 80 | 36 | 50 | 10000 | A | 10 | 3 |
| PAR16 80 60° V 6.9W 830 GU10 ¹ | 4099854054938 | 80 | GU10 | 6.9 | 575 | 700 | 3000 | 80 | 60 | 50 | 10000 | A | 10 | 3 |
| PAR16 80 60° V 6.9W 840 GU10 ¹ | 4099854054990 | 80 | GU10 | 6.9 | 575 | 750 | 4000 | 80 | 60 | 50 | 10000 | A | 10 | 3 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² L70/B50 | ³ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED MR16 DIM S

Dimmable low-voltage LED reflector lamps MR16 with retrofit pin base

Compatibility list also online:
ledvance.com/compatibility

PRODUCT FEATURES

- LED alternative to low voltage halogen lamps
- High color consistency: ≤ 3 SDCM
- Dimmable
- Base: GU5.3
- Lamp made of glass
- Excellent color rendering 97

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs and cost savings thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Stepless dimming

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W _W | W _{LED} | W | lm | cd | K | CRI | Beam angle | Dimmable | t ₉₀ ³ | Energy efficiency class ⁴ | RoHS | No. |
|---|---------------|----------------|------------------|-----|-----|-----|------|-----|------------|----------|------------------------------|--------------------------------------|------|-----|
| MR16 20 36° DIM S 3.6W 927 GU5.3 ¹ | 4099854070501 | 20 | GU5.3 | 3.6 | 230 | 500 | 2700 | 97 | 36 | 50 | 40000 | A | 10 | 1 |
| MR16 20 36° DIM S 3.6W 930 GU5.3 ¹ | 4099854070525 | 20 | GU5.3 | 3.6 | 230 | 500 | 3000 | 97 | 36 | 50 | 40000 | A | 10 | 1 |
| MR16 20 36° DIM S 3.6W 940 GU5.3 ¹ | 4099854070549 | 20 | GU5.3 | 3.6 | 230 | 500 | 4000 | 97 | 36 | 50 | 40000 | A | 10 | 1 |
| MR16 35 36° DIM S 6.3W 927 GU5.3 ¹ | 4099854058776 | 35 | GU5.3 | 5.3 | 345 | 620 | 2700 | 97 | 36 | 51 | 40000 | A | 10 | 2 |
| MR16 35 36° DIM S 6.3W 930 GU5.3 ¹ | 4099854058837 | 35 | GU5.3 | 5.3 | 345 | 620 | 3000 | 97 | 36 | 51 | 40000 | A | 10 | 2 |
| MR16 35 36° DIM S 6.3W 940 GU5.3 ¹ | 4099854058929 | 35 | GU5.3 | 5.3 | 345 | 620 | 4000 | 97 | 36 | 51 | 40000 | A | 10 | 2 |
| MR16 43 36° DIM S 7.8W 927 GU5.3 ¹ | 4099854048111 | 43 | GU5.3 | 6.6 | 500 | 850 | 2700 | 97 | 36 | 50 | 40000 | A | 10 | 3 |
| MR16 43 36° DIM S 7.8W 930 GU5.3 ¹ | 4099854048159 | 43 | GU5.3 | 6.6 | 500 | 850 | 3000 | 97 | 36 | 50 | 40000 | A | 10 | 3 |
| MR16 43 36° DIM S 7.8W 940 GU5.3 ¹ | 4099854048234 | 43 | GU5.3 | 6.6 | 500 | 850 | 4000 | 97 | 36 | 50 | 40000 | A | 10 | 3 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED MR16 DIM P

Dimmable low-voltage LED reflector lamps MR16 with retrofit pin base

Compatibility list also online:
ledvance.com/compatibility

PRODUCT FEATURES

- LED alternative to low voltage halogen lamps
- High color consistency: ≤ 5 SDCM
- Dimmable
- Base: GU5.3
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Stepless dimming

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | w | W | lm | cd | K | CRI | Beam angle | Beam diameter | t ₉₀ ³ | Energy efficiency class ⁴ | RoHS | No. | |
|---|---------------|----|-------|-----|-----|------|------|------------|---------------|------------------------------|--------------------------------------|------|-----|---|
| MR16 20 36° DIM P 3.4W 927 GU5.3 ¹ | 4099854070563 | 20 | GU5.3 | 3.4 | 230 | 500 | 2700 | 90 | 36 | 50 | 25000 | III | 10 | 2 |
| MR16 20 36° DIM P 3.4W 930 GU5.3 ¹ | 4099854070594 | 20 | GU5.3 | 3.4 | 230 | 500 | 3000 | 90 | 36 | 50 | 25000 | III | 10 | 2 |
| MR16 20 36° DIM P 3.4W 940 GU5.3 ¹ | 4099854070617 | 20 | GU5.3 | 3.4 | 230 | 500 | 4000 | 90 | 36 | 50 | 25000 | III | 10 | 2 |
| MR16 35 36° DIM P 5W 927 GU5.3 ¹ | 4099854059698 | 35 | GU5.3 | 5 | 345 | 700 | 2700 | 90 | 36 | 50 | 25000 | III | 10 | 3 |
| MR16 35 36° DIM P 5W 930 GU5.3 ¹ | 4099854059711 | 35 | GU5.3 | 5 | 345 | 700 | 3000 | 90 | 36 | 50 | 25000 | III | 10 | 3 |
| MR16 35 36° DIM P 5W 940 GU5.3 ¹ | 4099854059735 | 35 | GU5.3 | 5 | 345 | 700 | 4000 | 90 | 36 | 50 | 25000 | III | 10 | 3 |
| MR16 50 36° DIM P 8W 927 GU5.3 ¹ | 4099854050473 | 50 | GU5.3 | 8 | 621 | 1150 | 2700 | 90 | 36 | 50 | 25000 | III | 10 | 1 |
| MR16 50 36° DIM P 8W 930 GU5.3 ¹ | 4099854050497 | 50 | GU5.3 | 8 | 621 | 1150 | 3000 | 90 | 36 | 50 | 25000 | III | 10 | 1 |
| MR16 50 36° DIM P 8W 940 GU5.3 ¹ | 4099854050510 | 50 | GU5.3 | 8 | 621 | 1150 | 4000 | 90 | 36 | 50 | 25000 | III | 10 | 1 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED MR16 P

Low-voltage LED reflector lamps MR16 with retrofit pin base



PRODUCT FEATURES

- LED alternative to low voltage halogen lamps
- High color consistency: ≤ 6 SDCM
- Not dimmable
- Base: GU5.3
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | w | W | lm | cd | K | CRI | Beam angle | Dimmable | t ₉₀ ³ | Energy efficiency class ⁴ | RoHS | Light No. | |
|---|---------------|----|-------|-----|-----|------|------|------------|----------|------------------------------|--------------------------------------|------|-----------|---|
| MR16 20 36° P 2.6W 827 GU5.3 ¹ | 4099854059759 | 20 | GU5.3 | 2.6 | 210 | 500 | 2700 | 80 | 36 | 50 | 15000 | A | 10 | 2 |
| MR16 20 36° P 2.6W 830 GU5.3 ¹ | 4099854059773 | 20 | GU5.3 | 2.6 | 210 | 500 | 3000 | 80 | 36 | 50 | 15000 | A | 10 | 2 |
| MR16 20 36° P 2.6W 840 GU5.3 ¹ | 4099854059797 | 20 | GU5.3 | 2.6 | 210 | 500 | 4000 | 80 | 36 | 50 | 15000 | A | 10 | 2 |
| MR16 35 36° P 3.8W 827 GU5.3 ¹ | 4099854068058 | 35 | GU5.3 | 3.8 | 345 | 700 | 2700 | 80 | 36 | 50 | 15000 | A | 10 | 1 |
| MR16 35 36° P 3.8W 830 GU5.3 ¹ | 4099854068072 | 35 | GU5.3 | 3.8 | 345 | 700 | 3000 | 80 | 36 | 50 | 15000 | A | 10 | 1 |
| MR16 35 36° P 3.8W 840 GU5.3 ¹ | 4099854068096 | 35 | GU5.3 | 3.8 | 345 | 700 | 4000 | 80 | 36 | 50 | 15000 | A | 10 | 1 |
| MR16 50 36° P 6.3W 827 GU5.3 ¹ | 4099854047817 | 50 | GU5.3 | 6.5 | 621 | 1150 | 2700 | 80 | 36 | 50 | 15000 | A | 10 | 1 |
| MR16 50 36° P 6.3W 830 GU5.3 ¹ | 4099854047992 | 50 | GU5.3 | 6.5 | 621 | 1150 | 3000 | 80 | 36 | 50 | 15000 | A | 10 | 1 |
| MR16 50 36° P 6.3W 840 GU5.3 ¹ | 4099854048036 | 50 | GU5.3 | 6.5 | 621 | 1150 | 4000 | 80 | 36 | 50 | 15000 | A | 10 | 1 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² 4099854059773, 4099854047992 |

² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED MR11 DIM AND NON-DIM P

Dimmable and non-dimmable low-voltage LED reflector lamps MR11 with retrofit pin base



1

Compatibility list also online:
ledvance.com/compatibility

PRODUCT FEATURES

- LED alternative to low voltage halogen lamps
- High color consistency: ≤ 6 SDCM
- Base: G4
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in suitable outdoor luminaires only

LED MR11 DIM P

| Product name | GTIN (EAN) | w | W | lm | cd | K | CRI | θ | t ₉₀ | t _h | Energy efficiency class | RoHS | LEDVANCE | |
|---|---------------|----|-----|-----|-----|-----|------|----------|-----------------|----------------|-------------------------|------|----------|---|
| MR11 20 36° DIM P 2.8W 927 GU4 ¹ | 4099854050206 | 20 | GU4 | 2.8 | 184 | 350 | 2700 | 90 | 36 | 35 | 25000 | ▶ | 10 | 1 |
| MR11 35 36° DIM P 4.5W 927 GU4 ¹ | 4099854050268 | 35 | GU4 | 4.5 | 345 | 500 | 2700 | 90 | 36 | 35 | 25000 | ▶ | 10 | 1 |



LED MR11 P

| Product name | GTIN (EAN) | w | W | lm | cd | K | CRI | θ | t ₉₀ | t _h | Energy efficiency class | RoHS | LEDVANCE | |
|---|---------------|----|-----|-----|-----|-----|------|----------|-----------------|----------------|-------------------------|------|----------|---|
| MR11 20 36° P 2.5W 827 GU4 ¹ | 4099854070365 | 20 | GU4 | 2.5 | 184 | 400 | 2700 | 80 | 36 | 35 | 15000 | ▶ | 10 | 1 |
| MR11 20 36° P 2.5W 840 GU4 ¹ | 4099854070396 | 20 | GU4 | 2.5 | 184 | 400 | 4000 | 80 | 36 | 35 | 15000 | ▶ | 10 | 1 |
| MR11 35 36° P 4.2W 827 GU4 ¹ | 4099854050329 | 35 | GU4 | 4.2 | 345 | 700 | 2700 | 80 | 36 | 35 | 15000 | ▶ | 10 | 1 |
| MR11 35 36° P 4.2W 840 GU4 ¹ | 4099854050350 | 35 | GU4 | 4.2 | 345 | 700 | 4000 | 80 | 36 | 35 | 15000 | ▶ | 10 | 1 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED PAR 20/30/38 DIM P

Dimmable LED reflector lamps with retrofit screw base



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- LED alternative to high voltage halogen lamps
- High color consistency: ≤ 6 SDCM
- Dimmable
- Base: E27
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Stepless dimming

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | w | W | lm | cd | K | CRI | θ | d (mm) | t (h) | Energy efficiency class (EEC) | RoHS | No. | |
|--|---------------|-----|-----|------|------|------|------|-----------|--------|-------|-------------------------------|------|-----|---|
| PAR20 50 36° DIM P 6.4 927 E27 ¹ | 4099854071133 | 50 | E27 | 6.4 | 350 | 750 | 2700 | ≥ 90 | 36 | 65 | 25000 | | 6 | 1 |
| PAR30 75 36° DIM P 10W 927 E27 ¹ | 4099854071195 | 75 | E27 | 10 | 633 | 1500 | 2700 | ≥ 90 | 36 | 95 | 25000 | | 6 | 2 |
| PAR38 120 30° DIM P 15.2W 927 E27 ¹ | 4099854071270 | 120 | E27 | 15.2 | 1035 | 2800 | 2700 | ≥ 90 | 30 | 122 | 25000 | | 6 | 3 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED PAR38 P

LED reflector lamps PAR38 with retrofit screw base



1



PRODUCT FEATURES

- LED alternative to high voltage halogen lamps
- High color consistency: ≤ 6 SDCM
- Not dimmable
- Base: E27
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | W | lm | cd | K | CRI | Beam angle | Beam diameter | t ₉₀ | Energy efficiency class | RoHS | Light No. | |
|--|---------------|-----|-----|------|------|------|------|------------|---------------|-----------------|-------------------------|------|-----------|---|
| PAR38 120 15° P 12W 827 E27 ¹ | 4099854067808 | 120 | E27 | 13.5 | 1035 | 6800 | 2700 | 80 | 15 | 122 | 25000 | A | 6 | 1 |
| PAR38 120 30° P 12W 827 E27 ¹ | 4099854067822 | 120 | E27 | 13.5 | 1035 | 2600 | 2700 | 80 | 30 | 122 | 25000 | A | 6 | 1 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

SUPERIOR CLASS

LED AR111 DIM S

Low-voltage LED reflector lamps AR111 with retrofit pin base



Compatibility list also online:
ledvance.com/compatibility



1



PRODUCT FEATURES

- LED alternative to low voltage halogen lamps
- High color consistency: ≤ 4 SDCM
- Dimmable
- Base: G53
- Excellent color rendering ($R_a: 97$)

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Stepless dimming

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | w | W | lm | cd | K | CRI | Beam angle | Beam diameter | t ₉₀ ³ | Energy efficiency class ⁴ | RoHS | No. | |
|--|---------------|-----|-----|------|-----|------|------|------------|---------------|------------------------------|--------------------------------------|--------|-----|---|
| AR111 50 24° S 7.4W 927 G53 ¹ | 4099854048524 | 50 | G53 | 7.4 | 450 | 1800 | 2700 | 97 | 24 | 110.7 | 40000 | ▶▶▶▶▶▶ | 6 | 1 |
| AR111 50 40° S 7.4W 927 G53 ¹ | 4099854048708 | 50 | G53 | 7.4 | 450 | 1000 | 2700 | 97 | 40 | 110.7 | 40000 | ▶▶▶▶▶▶ | 6 | 1 |
| AR111 50 24° S 7.4W 930 G53 ¹ | 4099854048548 | 50 | G53 | 7.4 | 450 | 1800 | 3000 | 97 | 24 | 110.7 | 40000 | ▶▶▶▶▶▶ | 6 | 1 |
| AR111 50 40° S 7.4W 930 G53 ¹ | 4099854048845 | 50 | G53 | 7.4 | 450 | 1000 | 3000 | 97 | 40 | 110.7 | 40000 | ▶▶▶▶▶▶ | 6 | 1 |
| AR111 75 24° S 11.7W 927 G53 ¹ | 4099854048982 | 75 | G53 | 11.7 | 800 | 2800 | 2700 | 97 | 24 | 110.7 | 40000 | ▶▶▶▶▶▶ | 6 | 1 |
| AR111 75 40° S 11.7W 927 G53 ¹ | 4099854049125 | 75 | G53 | 11.7 | 800 | 1600 | 2700 | 97 | 40 | 110.7 | 40000 | ▶▶▶▶▶▶ | 6 | 1 |
| AR111 75 24° S 11.7W 930 G53 ¹ | 4099854049040 | 75 | G53 | 11.7 | 800 | 2800 | 3000 | 97 | 24 | 110.7 | 40000 | ▶▶▶▶▶▶ | 6 | 1 |
| AR111 75 40° S 11.7W 930 G53 ¹ | 4099854049163 | 75 | G53 | 11.7 | 800 | 1600 | 3000 | 97 | 40 | 110.7 | 40000 | ▶▶▶▶▶▶ | 6 | 1 |
| AR111 75 24° S 11.7W 940 G53 ¹ | 4099854049064 | 75 | G53 | 11.7 | 800 | 2800 | 4000 | 97 | 24 | 110.7 | 40000 | ▶▶▶▶▶▶ | 6 | 1 |
| AR111 100 24° DIM S 13.5W 927 G53 ¹ | 4099854070655 | 100 | G53 | 13.5 | 950 | 2500 | 2700 | 97 | 24 | 111 | 40000 | ▶▶▶▶▶▶ | 6 | 1 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

LED R50/R63/R80

Dimmable LED reflector lamps with screw base, natural daylight



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- LED alternative to conventional low voltage lamps
- Dimmable
- Color rendering index $R_a: \geq 90$
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to a halogen lamp
- Natural light spectrum with outstanding color rendering of $CRI > 90$
- Greatly reduced blue component
- Improved visual comfort and reduced eye strain

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | W | lm | K | CRI | I (mm) | d (mm) | t(h) | Energy efficiency class | Value class | Light bulb icon | |
|--|---------------|----|-----|-----|-----|------|--------|--------|------|-------------------------|-------------|-----------------|---|
| R50 60 36° DIM S 4.8W 927 E14 ¹ | 4099854059179 | 60 | E14 | 4.8 | 345 | 2700 | 90 | 85 | 50 | 25000 | A | 10 | 1 |
| R50 60 36° DIM S 4.8W 940 E14 ¹ | 4099854059216 | 60 | E14 | 4.8 | 345 | 4000 | 90 | 85 | 50 | 25000 | A | 10 | 1 |
| R63 60 36° DIM S 4.9W 927 E27 ¹ | 4099854048456 | 60 | E27 | 4.9 | 345 | 2700 | 90 | 98 | 62.9 | 25000 | A | 10 | 2 |
| R80 60 36° DIM S 4.9W 927 E27 ¹ | 4099854048418 | 60 | E27 | 4.9 | 345 | 2700 | 90 | 105 | 80 | 25000 | A | 10 | 3 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED R50/R63/R80 DIM P

Dimmable LED reflector lamps with retrofit screw base



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- LED alternative to high voltage halogen lamps
- High color consistency: ≤ 5 SDCM
- Dimmable
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Stepless dimming

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | lm | cd | K | CRI | Beam angle | Beam diameter | t ₉₀ | Energy efficiency class | RoHS | Light bulb icon | | |
|---|---------------|-----|-----|-----|-----|------|------------|---------------|-----------------|-------------------------|-------|-----------------|----|---|
| R50 60 36° DIM P 5.9W 927 E14 ¹ | 4099854058608 | 60 | E14 | 5.9 | 350 | 607 | 2700 | 90 | 36 | 50 | 25000 | ▶ | 10 | 1 |
| R63 60 36° DIM P 4.9W 927 E14 ¹ | 4099854047954 | 60 | E27 | 4.9 | 345 | 550 | 2700 | 90 | 36 | 63 | 25000 | ▶ | 10 | 2 |
| R80 60 36° DIM P 4.9W 927 E27 ¹ | 4099854051234 | 60 | E27 | 4.9 | 345 | 550 | 2700 | 90 | 36 | 80 | 25000 | ▶ | 10 | 3 |
| R80 100 36° DIM P 8.5W 827 E27 ¹ | 4099854051258 | 100 | E27 | 8.5 | 670 | 1000 | 2700 | 80 | 36 | 80 | 25000 | ▶ | 10 | 3 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED R39/R50/R63/R80

LED reflector lamps with retrofit screw base



PRODUCT FEATURES

- LED alternative to high voltage halogen lamp
- High color consistency: ≤ 6 SDCM
- Not dimmable
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | lm | cd | K | CRI | Beam angle | Beam diameter | Beam length | Beam diameter | Beam length | Beam diameter | Beam length | Beam diameter | Beam length |
|--|---------------|-----|-----|-----|-----|------|------------|---------------|-------------|---------------|-------------|---------------|-------------|---------------|-------------|
| ST R39 25 36° P 1.5W 2700 K E14 ¹ | 4058075433243 | 25 | E14 | 1.5 | 110 | 248 | 2700 | 80 | 36 | 39 | 15000 | A | 6 | 1 | |
| R50 25 36° P 1.5W 827 E14 ¹ | 4099854058639 | 25 | E14 | 1.5 | 110 | 248 | 2700 | 80 | 36 | 50 | 15000 | A | 10 | 2 | |
| R50 40 36° P 2.6W 827 E14 ¹ | 4099854058660 | 40 | E14 | 2.6 | 210 | 398 | 2700 | 80 | 36 | 50 | 15000 | A | 10 | 2 | |
| R50 60 36° P 4.3W 827 E14 ¹ | 4099854058714 | 60 | E14 | 4.3 | 350 | 582 | 2700 | 80 | 36 | 50 | 15000 | A | 10 | 2 | |
| R63 40 36° P 2.9W 827 E27 ¹ | 4099854048012 | 40 | E27 | 2.9 | 210 | 430 | 2700 | 80 | 36 | 63 | 15000 | A | 10 | 3 | |
| R63 60 36° P 4.8W 827 E27 ¹ | 4099854048371 | 60 | E27 | 4.8 | 350 | 650 | 2700 | 80 | 36 | 63 | 15000 | A | 10 | 3 | |
| R80 60 36° P 4.8W 827 E27 ¹ | 4099854050091 | 60 | E27 | 4.8 | 350 | 650 | 2700 | 80 | 36 | 80 | 15000 | A | 10 | 4 | |
| R80 100 36° P 8.5W 827 E27 ¹ | 4099854050114 | 100 | E27 | 8.5 | 670 | 1000 | 2700 | 80 | 36 | 80 | 15000 | A | 10 | 4 | |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED STAR GX53

Flat LED Lamp with GX53 socket



1



PRODUCT FEATURES

- 230 V line voltage operation
- High color consistency: ≤ 6 SDCM
- Not dimmable
- Type of protection: IP20
- Very long average lifetime: 15,000 h

PRODUCT BENEFITS

- Compact dimensions
- Easy installation
- Excellent luminous efficiency
- Good quality of light
- Low weight and low profile

AREAS OF APPLICATION

- Area lighting
- As a downlight for marking walkways, doors, stairs, etc.
- Background lighting
- Domestic applications
- Entrance lighting

| Product name | GTIN (EAN) | w | W | lm | K | CRI | I (lm) | d (mm) | t (h) | Energy efficiency class (EEC) | Value class | Light bulb icon | | |
|--|---------------|----|------|-----|-----|------|--------|--------|-------|-------------------------------|-------------|-----------------|---|---|
| ST GX53 40 120° 4.9 W/2700 K GX53 ¹ | 4058075433441 | 40 | GX53 | 4.9 | 470 | 2700 | 80 | 28 | 75 | 120 | 15000 | Superior Class | 6 | 1 |
| ST GX53 40 120° 4.9 W/4000 K GX53 ¹ | 4058075433465 | 40 | GX53 | 4.9 | 470 | 4000 | 80 | 28 | 75 | 120 | 15000 | Superior Class | 6 | 1 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

LED SPECIAL T26

Small special LED lamps with E14 screw base



PRODUCT FEATURES

- LED alternative to conventional high voltage lamps
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity

PRODUCT BENEFITS

- Extremely small dimensions
- Good all-around light emission
- Ideal for decorative and free-burning applications
- Long lifetime of up to 15,000 h

AREAS OF APPLICATION

- Small designer luminaires
- Domestic refrigerators
- Sewing machines
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | w | W | lm | K | CRI | I (lm) | d (mm) | t (h) | Energy efficiency class | RoHS | REACH | Light bulb icon | |
|--|---------------|----|-----|-----|-----|------|--------|--------|-------|-------------------------|-------|-------|-----------------|---|
| SPC.T26 5 1.6 W/2400 K E14 ¹ | 4058075432819 | 5 | E14 | 1.6 | 50 | 2400 | 80 | 63 | 26 | 320 | 15000 | A | 6 | 1 |
| SPC.T26 10 P 1.3W 827 FIL E14 ¹ | 4099854066108 | 10 | E14 | 1.3 | 110 | 2700 | 80 | 65 | 26 | 300 | 15000 | A | 20 | 1 |
| SPC.T26 20 P 2.3W 827 FR E14 ¹ | 4099854066993 | 20 | E14 | 2.3 | 200 | 2700 | 80 | 58 | 25 | 200 | 15000 | A | 20 | 2 |
| SPC.T26 20 P 2.3W 865 FR E14 ¹ | 4099854067020 | 20 | E14 | 2.3 | 200 | 6500 | 80 | 58 | 25 | 200 | 15000 | A | 20 | 2 |
| SPC.T26 25 P 2.8W 827 FIL E14 ¹ | 4099854066320 | 25 | E14 | 2.8 | 250 | 2700 | 80 | 65 | 26 | 300 | 15000 | A | 20 | 3 |
| SPC.T26 25P 2.8W 865 FIL E14 ¹ | 4099854066498 | 25 | E14 | 2.8 | 250 | 6500 | 80 | 65 | 26 | 300 | 15000 | A | 20 | 3 |
| SPC.T26 40 P 4.2W 827 FIL E14 ¹ | 4099854066665 | 40 | E14 | 4.2 | 470 | 2700 | 80 | 83 | 25 | 300 | 15000 | A | 20 | 4 |
| SPC.T26 55 6.5 W/2700 K E14 ¹ | 4058075432963 | 55 | E14 | 6.5 | 730 | 2700 | 80 | 80 | 25 | 320 | 15000 | A | 6 | 4 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ^{2,3} Refer to www.ledvance.com/guarantee for precise conditions | ³ 4058075432819, 4058075432963 | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

LED SPECIAL T SLIM DIM AND NON-DIM

Dimmable and non-dimmable slim LED lamps



Compatibility list also online:
ledvance.com/compatibility



LED SPECIAL T SLIM DIM

PRODUCT FEATURES

- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- LED alternative to conventional high voltage lamps
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity

PRODUCT BENEFITS

- Easy replacement of halogen lamps thanks to compact design
- Ideal in particular for many small designer luminaires
- Lower thermal output (compared with the standard reference product)
- Three year guarantee

AREAS OF APPLICATION

- Small designer luminaires
- Wherever compact and efficient lamps are needed
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | W | lm | K | CRI | $\frac{l}{d}$ (mm) | $\frac{d}{d}$ (mm) | α | t _{in} | Energy Class | RoHS | Light No. | |
|--|---------------|----|------|-----|------|------|--------------------|--------------------|----------|-----------------|--------------|----------------|-----------|---|
| T SLIM DIM 60 320° 7 W/2700 K E14 ¹ | 4058075607316 | 60 | E14 | 7 | 806 | 2700 | 80 | 92 | 20 | 320 | 15000 | Superior Class | 6 | 1 |
| T SLIM DIM 60 320° 7 W/2700 K GU10 ¹ | 4058075607378 | 60 | GU10 | 7 | 806 | 2700 | 80 | 82 | 20 | 320 | 15000 | Superior Class | 6 | 2 |
| T SLIM DIM 60 320° 7.3 W/2700 K E27 ¹ | 4058075607347 | 60 | E27 | 7.3 | 806 | 2700 | 80 | 90 | 32 | 320 | 15000 | Superior Class | 6 | 3 |
| T SLIM DIM 75 320° 9 W/2700 K B15d ¹ | 4058075607194 | 75 | B15d | 9 | 1055 | 2700 | 80 | 100 | 18 | 320 | 15000 | Superior Class | 4 | 4 |

LED SPECIAL T SLIM

PRODUCT FEATURES

- LED replacement for halogen lamps with B15d base
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity
- Not dimmable

PRODUCT BENEFITS

- Easy replacement of halogen lamps thanks to compact design
- Ideal in particular for many small designer luminaires
- Long lifetime of up to 15,000 h
- Very low energy consumption

AREAS OF APPLICATION

- Small designer luminaires
- Luxurious living areas
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | W | lm | K | CRI | $\frac{l}{d}$ (mm) | $\frac{d}{d}$ (mm) | α | t _{in} | Energy Class | RoHS | Light No. | |
|---|---------------|----|------|----|-----|------|--------------------|--------------------|----------|-----------------|--------------|----------------|-----------|---|
| SPC.T SLIM 60 320° 7 W/2700 K B15d ¹ | 4058075606968 | 60 | B15d | 7 | 806 | 2700 | 80 | 90 | 18 | 320 | 15000 | Superior Class | 4 | 5 |

SAFETY ADVICE

To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ^{2,3} Refer to www.ledvance.com/guarantee for precise conditions | ³ 4058075606968 | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED PIN 12 V DIM

Dimmable low-voltage 12 V LED lamps with retrofit pin base



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Compatible with many common conventional and electronic control gears (see also compatibility list)
- LED alternative to low voltage halogen lamps
- Base: G4, GY6.35

PRODUCT BENEFITS

- Variable use at Direct Current and Alternating Current
- Good all-around light emission
- Ideal for decorative and free-burning applications
- Very long lifetime of up to 25,000 h

AREAS OF APPLICATION

- Decorative applications
- Atmospheric accent lighting throughout the home
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | W | lm | K | CRI | I (pin) | d (mm) | α° | t ₉₀ ⁴ | Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency) | Superior Class | Performance Class | Value Class |
|--|---------------|----|--------|-----|-----|------|---------|--------|----|------------------------------|---|----------------|-------------------|-------------|
| PIN20 DIM P 2 W 827 CL G4 ¹ | 4099854064661 | 20 | G4 | 2 | 200 | 2700 | 80 | 40 | 15 | 320 | 25000 | Superior Class | Performance Class | Value Class |
| DIM PIN 40 320° 4.5 W/2700 K GY6.35 ¹ | 4058075607255 | 40 | GY6.35 | 4.5 | 470 | 2700 | 80 | 50 | 18 | 320 | 20000 | Superior Class | Performance Class | Value Class |

SAFETY ADVICE

To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ^{2,3} Refer to www.ledvance.com/guarantee for precise conditions | ³ 4058075607255 | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

LED PIN MICRO 12 V

Small sized low-voltage 12 V LED lamps with retrofit pin base



1



Compatibility list also online:
ledvance.com/compatibility

12V
AC/DC

LEDVANCE
3
year
guarantee

PRODUCT FEATURES

- Compatible with many common conventional and electronic control gears (see also compatibility list)
- LED alternative to low voltage halogen lamps
- Base: G4

PRODUCT BENEFITS

- Extremely small dimensions
- Variable use at Direct Current and Alternating Current
- Good all-around light emission
- Ideal for decorative and free-burning applications
- Long lifetime of up to 15,000 h

AREAS OF APPLICATION

- Decorative applications
- Atmospheric accent lighting throughout the home
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | w | W | lm | K | CRI | I (lm) | d (mm) | t (h) | Energy efficiency class | Value class | RoHS | | |
|--|---------------|----|----|----|-----|------|--------|--------|-------|-------------------------|-------------|------|---|---|
| PIN MICRO 10 300° 1 W/2700 K G4 ¹ | 4058075523098 | 10 | G4 | 1 | 100 | 2700 | 80 | 30 | 10 | 300 | 15000 | A | 6 | 1 |

SAFETY ADVICE

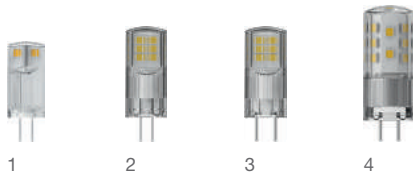
To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)



LED PIN 12V

Low-voltage 12 V LED lamps with retrofit pin base



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- Compatible with many common conventional and electronic control gears (see also compatibility list)
- LED alternative to low voltage halogen lamps
- Base: G4, GY6.35

PRODUCT BENEFITS

- Variable use at Direct Current and Alternating Current
- Good all-around light emission
- Ideal for decorative and free-burning applications
- Long lifetime of up to 15,000 h

AREAS OF APPLICATION

- Decorative applications
- Atmospheric accent lighting throughout the home
- Shops, hotels and restaurants
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | W | lm | K | CRI | I (lm) | d (mm) | t (h) | Energy efficiency class (EEC) | Energy efficiency class (EEC) | Energy efficiency class (EEC) | Energy efficiency class (EEC) |
|---|---------------|----|--------|-----|-----|------|--------|--------|-------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| PIN10 P 0.9 W 827 CL G4 ¹ | 4099854064722 | 10 | G4 | 0.9 | 100 | 2700 | 80 | 33 | 12 | 320 | 15000 | A | 20 |
| PIN20 P 1.8 W 827 CL G4 ¹ | 4099854064753 | 20 | G4 | 1.8 | 200 | 2700 | 80 | 36 | 13 | 320 | 15000 | A | 20 |
| PIN28 P 2.6W 827 CL G4 ¹ | 4099854048616 | 28 | G4 | 2.6 | 300 | 2700 | 80 | 40 | 14 | 320 | 15000 | A | 20 |
| PIN28 P 2.6W 827 CL GY6.35 ¹ | 4099854048470 | 28 | GY6.35 | 2.6 | 300 | 2700 | 80 | 40 | 14 | 320 | 15000 | A | 20 |
| PIN40 P 4 W 827 CL GY6.35 ¹ | 4099854064692 | 40 | GY6.35 | 4 | 470 | 2700 | 80 | 50 | 18 | 320 | 15000 | A | 20 |

SAFETY ADVICE

To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED BASE PIN G4 12 V

Special LED lamps



Compatibility list also online:
ledvance.com/compatibility

12V
AC/DC

PRODUCT FEATURES

- LED alternative to conventional low voltage lamps
- Mercury-free lamps

PRODUCT BENEFITS

- Low energy consumption
- Ideal for decorative and free-burning applications

AREAS OF APPLICATION

- Atmospheric accent lighting throughout the home
- Shops, hotels and restaurants
- Foyers, offices
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | W | lm | K | CRI | I (lm) | d (mm) | ° | t(h) | EEC | Value Class | Light Bulb |
|--|---------------|----|----|-----|-----|------|--------|--------|----|------|-------|-------------|------------|
| BASE PIN 10 0.9 W/2700 K G4 ¹ | 4058075758001 | 10 | G4 | 0.9 | 100 | 2700 | 80 | 33 | 12 | 320 | 10000 | 50 | 1 |
| BASE PIN 20 1.8 W/2700 K G4 ¹ | 4058075758025 | 20 | G4 | 1.8 | 200 | 2700 | 80 | 36 | 13 | 320 | 10000 | 50 | 2 |

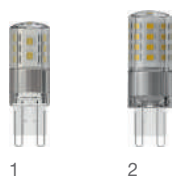
¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² L70/B50 | ³ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

LED PIN G9 DIM

Dimmable LED lamps with retrofit pin base G9

PERFOR-
MANCE
CLASS



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- LED alternative to high voltage halogen lamps

PRODUCT BENEFITS

- Good all-around light emission
- Very long lifetime of up to 25,000 h
- Ideal for decorative and free-burning applications
- Five year guarantee

AREAS OF APPLICATION

- Atmospheric accent lighting throughout the home
- Shops, hotels and restaurants
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | lm | K | CRI | I (lm) | d (mm) | t _h | Energy efficiency class (EEC) | Energy efficiency class (EEC) | Energy efficiency class (EEC) | Energy efficiency class (EEC) | Energy efficiency class (EEC) | Energy efficiency class (EEC) | Energy efficiency class (EEC) |
|--|---------------|----|----|---|-----|--------|--------|----------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| PIN30 DIM P 3W 827 CL G9 ¹ | 4099854048586 | 30 | G9 | 3 | 320 | 2700 | 80 | 52 | 16 | 300 | 25000 | A | 20 | 1 | |
| PIN40 DIM P 4 W 827 CL G9 ¹ | 4099854064814 | 40 | G9 | 4 | 470 | 2700 | 80 | 59 | 18 | 320 | 25000 | A | 20 | 2 | |

SAFETY ADVICE

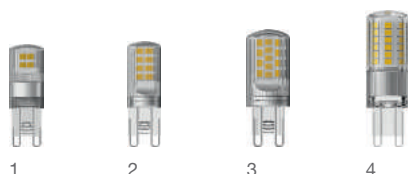
To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

LED PIN G9

LED lamps with retrofit pin base G9



PRODUCT FEATURES

- LED alternative to conventional high voltage lamps
- Good quality of light; color rendering index $R_a: \geq 80$; constant chromaticity

PRODUCT BENEFITS

- Good all-around light emission
- Long lifetime of up to 15,000 h
- Four year guarantee

AREAS OF APPLICATION

- Atmospheric accent lighting throughout the home
- Shops, hotels and restaurants
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | W | lm | K | CRI | I (lm) | d (mm) | t (h) | Energy efficiency class | Value class | Guarantee | |
|--------------------------------------|---------------|----|----|-----|-----|------|--------|--------|-------|-------------------------|-------------|-----------|---|
| PIN20 P 1.9 W 827 CL G9 ¹ | 4099854064579 | 20 | G9 | 1.9 | 200 | 2700 | 80 | 46 | 15 | 300 | 15000 | 20 | 1 |
| PIN30 P 2.6 W 827 CL G9 ¹ | 4099854064548 | 30 | G9 | 2.6 | 320 | 2700 | 80 | 47 | 15 | 300 | 15000 | 20 | 2 |
| PIN30 P 2.6 W 840 CL G9 ¹ | 4099854064517 | 30 | G9 | 2.6 | 320 | 4000 | 80 | 47 | 15 | 300 | 15000 | 20 | 2 |
| PIN40 P 4.2 W 827 CL G9 ¹ | 4099854064609 | 40 | G9 | 4.2 | 470 | 2700 | 80 | 52 | 19 | 300 | 15000 | 20 | 3 |
| PIN40 P 4.2 W 840 CL G9 ¹ | 4099854064630 | 40 | G9 | 4.2 | 470 | 4000 | 80 | 52 | 19 | 300 | 15000 | 20 | 3 |
| PIN50 P 4.8 W 827 CL G9 ¹ | 4099854064784 | 50 | G9 | 4.8 | 600 | 2700 | 80 | 59 | 18 | 320 | 15000 | 20 | 4 |
| PIN50 P 4.8 W 840 CL G9 ¹ | 4099854064845 | 50 | G9 | 4.8 | 600 | 4000 | 80 | 59 | 18 | 320 | 15000 | 20 | 4 |

SAFETY ADVICE

To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50s | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED PIN G9

LED lamps with retrofit pin base G9



LED PIN G9 FROSTED

PRODUCT FEATURES

- LED alternative to conventional high voltage lamps
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity

PRODUCT BENEFITS

- Good all-around light emission
- Long lifetime of up to 15,000 h
- Ideal for decorative and free-burning applications
- Three year guarantee

AREAS OF APPLICATION

- Atmospheric accent lighting throughout the home
- Shops, hotels and restaurants
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | w | W | lm | K | CRI | l (mm) | d (mm) | ° | t (h) | Energy Class | Light Class | No. | |
|-------------------------------------|---------------|----|----|-----|-----|------|--------|--------|----|-------|--------------|-------------|-----|---|
| PIN 19 1.9 W/2700 K G9 ¹ | 4058075757943 | 19 | G9 | 1.9 | 180 | 2700 | 80 | 46 | 15 | 300 | 15000 | A | 6 | 1 |
| PIN 28 2.6 W/2700 K G9 ¹ | 4058075757967 | 28 | G9 | 2.6 | 290 | 2700 | 80 | 47 | 15 | 300 | 15000 | A | 6 | 2 |
| PIN 37 4.2 W/2700 K G9 ¹ | 4058075757981 | 37 | G9 | 4.2 | 430 | 2700 | 80 | 52 | 19 | 300 | 15000 | A | 6 | 3 |



LED BASE PIN G9

PRODUCT FEATURES

- LED alternative to conventional high voltage lamps
- Mercury-free lamps

PRODUCT BENEFITS

- Low energy consumption
- Ideal for decorative and free-burning applications

AREAS OF APPLICATION

- Atmospheric accent lighting throughout the home
- Shops, hotels and restaurants
- Foyers, offices
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | w | W | lm | K | CRI | l (mm) | d (mm) | ° | t (h) | Energy Class | Light Class | No. | |
|--|---------------|----|----|-----|-----|------|--------|--------|----|-------|--------------|-------------|-----|---|
| BASE PIN 20 1.9 W/2700 K G9 ¹ | 4058075758049 | 20 | G9 | 1.9 | 200 | 2700 | 80 | 46 | 15 | 300 | 10000 | A | 50 | 4 |
| BASE PIN 30 2.6 W/2700 K G9 ¹ | 4058075758063 | 30 | G9 | 2.6 | 320 | 2700 | 80 | 47 | 15 | 300 | 10000 | A | 50 | 5 |
| BASE PIN 40 4.2 W/2700 K G9 ¹ | 4058075758087 | 40 | G9 | 4.2 | 470 | 2700 | 80 | 52 | 19 | 300 | 10000 | A | 50 | 6 |

SAFETY ADVICE

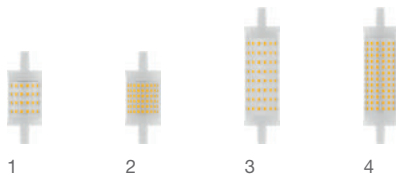
To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50s | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

LINE R7s DIM

Dimmable double-ended special LED lamps



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- LED alternative to conventional R7s lamps
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity

PRODUCT BENEFITS

- Fits into most R7s luminaires thanks to excentric base
- Good all-around light emission
- Lower thermal output (compared with the standard reference product)
- Five year guarantee

AREAS OF APPLICATION

- General illumination within ambient temperatures from $-20...+40^{\circ}\text{C}$
- Hospitality
- Domestic applications
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | w | W | lm | K | CRI | $\frac{l}{(mm)}$ | $\frac{d}{(mm)}$ | $\Delta\theta$ | t_{in} | $\frac{l}{(mm)}$ | $\frac{d}{(mm)}$ | $\Delta\theta$ | t_{in} | $\frac{l}{(mm)}$ | $\frac{d}{(mm)}$ | $\Delta\theta$ | t_{in} |
|--|---------------|-----|-----|------|------|------|------------------|------------------|----------------|----------|------------------|------------------|----------------|----------|------------------|------------------|----------------|----------|
| LINE R7S 75 DIM P 9.5 W 827 R7s ¹ | 4099854064906 | 75 | R7s | 9.5 | 1055 | 2700 | 80 | 78 | 28 | 300 | 25000 | ▶ | 20 | 1 | | | | |
| LINE R7S 100 DIM P 12 W 827 R7s ¹ | 4099854064876 | 100 | R7s | 12 | 1521 | 2700 | 80 | 78 | 28 | 300 | 25000 | ▶ | 20 | 2 | | | | |
| LINE R7S 125 DIM P 15 W 827 R7s ¹ | 4099854048753 | 125 | R7s | 15 | 2000 | 2700 | 80 | 118 | 28 | 300 | 25000 | ▶ | 20 | 3 | | | | |
| LINE R7S 150 DIM P 18.5 W 827 R7s ¹ | 4099854048678 | 150 | R7s | 18.2 | 2452 | 2700 | 80 | 118 | 28 | 300 | 25000 | ▶ | 20 | 4 | | | | |

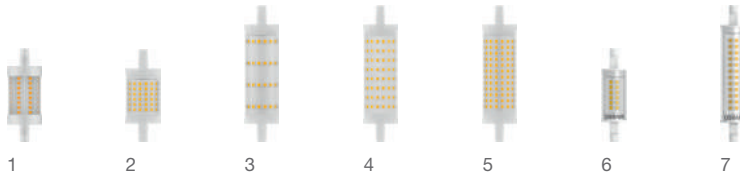
SAFETY ADVICE

To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ^{2,3} Refer to www.ledvance.com/guarantee for precise conditions | ³ 4099854048753, 4099854048678 | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED LINE R7s

Double-ended special LED lamps



PRODUCT FEATURES

- LED alternative to conventional R7s lamps
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity

PRODUCT BENEFITS

- Fits into most R7s luminaires thanks to excentric base
- Good all-around light emission
- Long lifetime of up to 15,000 h
- Lower thermal output (compared with the standard reference product)

AREAS OF APPLICATION

- General illumination within ambient temperatures from $-20...+40^\circ\text{C}$
- Hospitality
- Domestic applications
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | W | W | lm | K | CRI | $\frac{l}{d}$ (mm) | $\frac{d}{d}$ (mm) | t_{inj} | t_{inj} | Energy efficiency class (EEC) | Energy efficiency class (EEC) | Energy efficiency class (EEC) |
|--|---------------|-----|-----|------|------|------|-----|--------------------|--------------------|-----------|-----------|-------------------------------|-------------------------------|-------------------------------|
| LINE R7S 60 P 7.3W 827 R7s ¹ | 4099854049682 | 60 | R7s | 7.3 | 806 | 2700 | 80 | 78 | 28 | 330 | 15000 | ■ | 20 | 1 |
| LINE R7S 75 P 9W 827 R7s ¹ | 4099854049736 | 75 | R7s | 8 | 1055 | 2700 | 80 | 78 | 28 | 330 | 15000 | ■ | 20 | 1 |
| LINE R7S 100 P 11.5W 827 R7s ¹ | 4099854049767 | 100 | R7s | 11.5 | 1521 | 2700 | 80 | 78 | 28 | 300 | 15000 | ■ | 20 | 2 |
| LINE R7S 100 P 13 W 827 R7s ¹ | 4099854064937 | 100 | R7s | 13 | 1521 | 2700 | 80 | 118 | 28 | 300 | 15000 | ■ | 20 | 3 |
| LINE R7S 125 P 15W 827 R7s ¹ | 4099854048647 | 125 | R7s | 15 | 2000 | 2700 | 80 | 118 | 28 | 300 | 15000 | ■ | 20 | 4 |
| LINE R7S 150 P 18.5W 827 R7s ¹ | 4099854048722 | 150 | R7s | 18.2 | 2452 | 2700 | 80 | 118 | 28 | 300 | 15000 | ■ | 20 | 5 |
| SLIM LINE R7s 78.00 mm 60 7 W/2700 K R7s ¹ | 4058075432710 | 60 | R7s | 7 | 806 | 2700 | 80 | 78 | 20 | 300 | 15000 | ■ | 6 | 6 |
| SLIM LINE R7s 118.00 mm 100 12 W/2700 K R7s ¹ | 4058075432734 | 100 | R7s | 12 | 1521 | 2700 | 80 | 118 | 20 | 300 | 15000 | ■ | 6 | 7 |

SAFETY ADVICE

To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

LED LINE S15 / S19

Special LED lamps with S15 and S19 base



PRODUCT FEATURES

- LED alternative to conventional lamps
- Mercury-free lamps

PRODUCT BENEFITS

- Long life
- Low energy consumption
- No UV and near-IR radiation in the light beam
- Three year guarantee

AREAS OF APPLICATION

- Domestic applications
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | W | lm | K | CRI | I (lm) | d (mm) | t (h) | Energy efficiency class | Value class | Guarantee | | |
|---|---------------|----|-------|----|-----|------|--------|--------|-------|-------------------------|-------------|-----------|----|---|
| ST LINE S15 4 W/2700 K 221.00 mm ¹ | 4058075699434 | 32 | S15s | 4 | 350 | 2700 | >80 | 221 | 26 | 140 | 15000 | A | 10 | 1 |
| ST LINE S15 7 W/2700 K 284.00 mm ¹ | 4058075699458 | 57 | S15s | 7 | 750 | 2700 | >80 | 284 | 26 | 140 | 15000 | A | 10 | 2 |
| ST LINE S19 9 W/2700 K 310.00 mm ¹ | 4052899955066 | 60 | S19 s | 9 | 830 | 2700 | 80 | 310 | 38 | 140 | 15000 | A | 10 | 3 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LEDinestra DIM

Dimmable tubular LED lamps



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- LED alternative to tubular incandescent lamps
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- For especially uniform illumination
- Mercury-free lamps
- Bulb made from glass

PRODUCT BENEFITS

- Very long lifetime of up to 25,000 h
- Low energy consumption
- Good color rendering

AREAS OF APPLICATION

- Ideal for mirror lighting
- Hotels, restaurants
- Domestic applications
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | WxW | M | W | lm | K | CRI | I (lm) | d (lm) | ° | t(h) | 3 | 4 | 5 | 6 |
|--|---------------|-----|------|-----|------|------|-----|--------|--------|-----|-------|---|----|---|---|
| LEDinestra 300 mm 27 3.1 W/2700 K S14s ¹ | 4058075607033 | 27 | S14s | 3.1 | 275 | 2700 | 80 | 300 | 29 | 200 | 25000 | ▶ | 10 | 1 | |
| LEDinestra 300 mm 27 3.1 W/2700 K S14d ¹ | 4058075607019 | 27 | S14d | 3.1 | 275 | 2700 | 80 | 300 | 29 | 200 | 25000 | ▶ | 10 | 2 | |
| LEDinestra 500 mm 40 4.9 W/2700 K S14s ¹ | 4058075607071 | 40 | S14s | 4.9 | 470 | 2700 | 80 | 500 | 29 | 200 | 25000 | ▶ | 10 | 3 | |
| LEDinestra 500 mm 40 4.9 W/2700 K S14d ¹ | 4058075607057 | 40 | S14d | 4.9 | 470 | 2700 | 80 | 500 | 29 | 200 | 25000 | ▶ | 10 | 4 | |
| LEDinestra 1000 mm 75 9.9 W/2700 K S14s ¹ | 4058075607095 | 75 | S14s | 9.9 | 1055 | 2700 | 80 | 1000 | 29 | 200 | 25000 | ▶ | 5 | 5 | |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

LEDinestra BASE

Tubular LED lamps

CIRCOLUX LED

Circular LED lamps with E27 screw base



LEDVANCE²
3 year guarantee

LEDinestra BASE

PRODUCT FEATURES

- LED alternative to tubular incandescent lamps
- Uniform illumination
- Mercury-free lamps

PRODUCT BENEFITS

- Long lifetime of up to 15,000 h
- Low energy consumption
- Good color rendering

AREAS OF APPLICATION

- Ideal for mirror lighting
- Hotels, restaurants
- Domestic applications
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | W | lm | K | CRI | $\frac{l}{d}$ (mm) | $\frac{d}{d}$ (mm) | α | t ₉₀ ³ | IP ⁴ | RoHS | No. | |
|--|---------------|----|------|-----|-----|------|--------------------|--------------------|----------|------------------------------|-----------------|------|-----|---|
| LEDINESTRA BASE 300 mm 25 3.5 W/2700 K S14d ¹ | 4058075762398 | 25 | S14d | 3.5 | 370 | 2700 | 80 | 300 | 28 | 145 | 15000 | IP20 | 10 | 1 |
| LEDINESTRA BASE 300 mm 25 3.5 W/2700 K S14s ¹ | 4058075762374 | 25 | S14s | 3.5 | 370 | 2700 | 80 | 300 | 28 | 145 | 15000 | IP20 | 10 | 2 |
| LEDINESTRA BASE 500 mm 40 6 W/2700 K S14d ¹ | 4058075762435 | 40 | S14d | 6 | 640 | 2700 | 80 | 500 | 28 | 145 | 15000 | IP20 | 10 | 3 |
| LEDINESTRA BASE 500 mm 40 6 W/2700 K S14s ¹ | 4058075762411 | 40 | S14s | 6 | 640 | 2700 | 80 | 500 | 28 | 145 | 15000 | IP20 | 10 | 4 |

LEDVANCE²
4 year guarantee

CIRCOLUX LED

PRODUCT FEATURES

- Fold out base before first use
- Good quality of light; color rendering index R_a: ≥ 80; constant chromaticity
- Not dimmable

PRODUCT BENEFITS

- High luminous flux
- Long lifetime of up to 15,000 h
- Low energy consumption
- Three year guarantee

AREAS OF APPLICATION

- LED alternative for applications requiring a high luminous flux
- General illumination
- Large shades and pendant luminaires
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | W | lm | K | CRI | $\frac{l}{d}$ (mm) | $\frac{d}{d}$ (mm) | α | t ₉₀ ³ | IP ⁴ | RoHS | No. | |
|---|---------------|-----|-----|------|------|------|--------------------|--------------------|----------|------------------------------|-----------------|------|-----|---|
| CIR 100 160° 14.5 W/2700 K E27 ¹ | 4058075606999 | 100 | E27 | 14.5 | 1521 | 2700 | 80 | 86 | 260 | 160 | 15000 | IP20 | 4 | 5 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED CLASSIC A MOTION SENSOR S

Special lamps with motion sensor, classic bulb shape



PRODUCT FEATURES

- LED alternative to conventional lamps
- High color consistency: ≤ 6 SDCM
- Detection range upto 3 meter and 90°
- Integrated microwave sensor can detect fine movement

PRODUCT BENEFITS

- Short payback period thanks to low energy consumption and maintenance costs
- Energy-saving lighting solution thanks to automatic switch off at daylight
- Very long lifetime of up to 25,000 h
- Automatic light switch off 30 seconds after the last motion detection

AREAS OF APPLICATION

- Staircases, corridor, basement, entrance
- Lamp needs to be turn on only when motion is detected and ambient is dark
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | w | W | lm | K | CRI | I (lm) | d (mm) | Light | t _h | Energy | Value | Warranty | |
|---|---------------|----|-----|-----|------|------|--------|--------|-------|----------------|--------|-------|----------|---|
| CLAS A60 Motion Sensor S 7.3W 827 FIL CL E27 ¹ | 4099854096051 | 60 | E27 | 7.3 | 806 | 2700 | 80 | 116 | 60 | Clear | 15000 | A | 10 | 1 |
| CLAS A 60 MS S 8.8W 827 FR E27 | 4099854094200 | 60 | E27 | 8.8 | 806 | 2700 | 80 | 112 | 60 | Frosted | 25000 | B | 10 | 2 |
| CLAS A 75 MS S 10W 827 FR E27 | 4099854094224 | 75 | E27 | 10 | 1055 | 2700 | 80 | 112 | 60 | Frosted | 25000 | B | 10 | 3 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED CLASSIC A/B/P/GLOBE/PAR16/AR111 GLOWdim

LED lamps with GLOWdim effect, classic bulb shape



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- LED alternative to conventional lamps
- Dimming changes light color from warm white (2,700 K) to extra warm white (2,200 K)
- Good quality of light; color rendering index $R_a \geq 80$

PRODUCT BENEFITS

- Provides an especially warm light when dimmed down
- Directly controllable via standard dimmer, no remote control required
- Clear lamps with innovative LED „filament“ technology
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Long lifetime of up to 15,000 h

AREAS OF APPLICATION

- Perfect for decorative installations
- Hospitality
- Historical buildings
- Residential interiors
- Marine lighting

| Product name | GTIN (EAN) | wΔW | W | lm | K | CRI | l (mm) | d (mm) | Light color | t ₉₀ | Energy efficiency class | Energy efficiency value | No. |
|--|---------------|-----|------|-----|-----|-------------|--------|--------|-------------|-----------------|-------------------------|-------------------------|-----|
| ST PLUS GLOW DIM CLAS A 40 CL 4 W/2200...2700 K E27 ¹ | 4058075435568 | 40 | E27 | 4 | 470 | 2200...2700 | 80 | 105 | 60 | Clear | 15000 | A | 4 |
| ST PLUS GLOW DIM CLAS A 60 CL 7 W/2200...2700 K E27 ¹ | 4058075435537 | 60 | E27 | 7 | 806 | 2200...2700 | 80 | 105 | 60 | Clear | 15000 | A | 2 |
| ST PLUS GLOW DIM CLAS B 40 4 W/2200...2700 K E14 ¹ | 4058075435490 | 40 | E14 | 4 | 470 | 2200...2700 | 80 | 97 | 35 | Clear | 15000 | A | 3 |
| ST PLUS GLOW DIM CLAS P 40 4 W/2200...2700 K E14 ¹ | 4058075435476 | 40 | E14 | 4 | 470 | 2200...2700 | 80 | 78 | 45 | Clear | 15000 | A | 4 |
| ST PLUS GLOW DIM GLOBE 60 7 W/2200...2700 K E27 ¹ | 4058075808942 | 60 | E27 | 7 | 806 | 2200...2700 | 80 | 173 | 124 | Clear | 15000 | A | 5 |
| PAR16 50 36° GLD S 4.5W 827 GU10 | 4099854071430 | 50 | GU10 | 4.5 | 350 | 1800...2700 | 80 | 54 | 50 | – | 25000 | A | 6 |
| AR111 50 24° GD S 7.2W 927 G53 | 4099854048562 | 50 | G53 | 7.2 | 450 | 2700 | 90 | 55 | 110.7 | – | 40000 | A | 7 |
| AR111 50 40° GD S 7.2W 927 G53 | 4099854048920 | 50 | G53 | 7.2 | 450 | 2700 | 90 | 55 | 110.7 | – | 40000 | A | 7 |

¹ Dimmable (with many common dimmers, see also www.ledvance.com/dim). All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ^{2,3} Refer to www.ledvance.com/guarantee for precise conditions | ³ 4099854071430, 4099854048562, 4099854048920 | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED RELAX and ACTIVE CLASSIC A/B/P

LED lamps, classic bulb shape



PRODUCT FEATURES

- Provides color temperatures of 2,700 K and 4,000 K in the same lamp
- Controllable via standard wall switch
- Good quality of light; color rendering index $R_a \geq 80$

PRODUCT BENEFITS

- Creates individual atmospheres: Warm White to relax, Cool White for activity
- Easy change of color temperature with double click of wall switch
- Always fitting light due to two light colors in one lamp: Warm White and Cool White
- Supports the biorhythm through activating and relaxing light color
- Long lifetime of up to 15,000 h

AREAS OF APPLICATION

- Supports the bio rhythm when used in bed and children's room
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | wΔW | W | lm | K | CRI | l (mm) | d (mm) | Light Color | t ₉₀ ³ | Energy Efficiency Class ⁴ | RoHS | No. | |
|--|---------------|-----|-----|----|-----|---------------|--------|--------|-------------|------------------------------|--------------------------------------|------|-----|---|
| ST PLUS ACT/REL CLAS A 60 FIL 7 W/2700 K/4000 K E27 ¹ | 4058075434820 | 60 | E27 | 7 | 806 | 2700 K/4000 K | 80 | 105 | 60 | Clear | 15000 | A | 4 | 1 |
| ST PLUS ACT/REL CLAS B 40 FIL 4 W/2700 K/4000 K E14 ¹ | 4058075434783 | 40 | E14 | 4 | 470 | 2700 K/4000 K | 80 | 97 | 35 | Clear | 15000 | A | 4 | 2 |
| ST PLUS ACT/REL P 40 4 W/2700 K/4000 K E14 ¹ | 4058075434745 | 40 | E14 | 4 | 470 | 2700 K/4000 K | 80 | 78 | 45 | Clear | 15000 | A | 4 | 3 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

LED THREE STEP DIM CLASSIC A/B/P/PAR16/PIN G9

LED lamps with three-step dimming



PRODUCT FEATURES

- Dimmable in three steps:
Classic A: 100%, 50% and 15%,
Classic B and P: 100%, 50% and 25%
- Controllable via standard wall switch
- Good quality of light;
color rendering index $R_a: \geq 80$
- Mercury-free lamps

PRODUCT BENEFITS

- Easy three-step dimming by repeatedly pressing the wall switch
- Easy and cost-effective operation,
no dimmer required
- Low energy consumption
- Easy relamping thanks to compact design
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Wherever dimming was originally not planned
- Residential interiors
- Hospitality
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | W | lm | K | CRI | I (lm) | d (mm) | Light color | t ₉₀ (h) | Energy class | Warranty | RoHS |
|---|---------------|----|------|-----|-----|------|--------|--------|-------------|---------------------|--------------|----------|------|
| ST PLUS 3XDIM CLAS A 60 7 W/2700 K E27 ¹ | 4058075436787 | 60 | E27 | 7 | 806 | 2700 | 80 | 105 | 60 | Clear | 15000 | 4 | 1 |
| ST PLUS 3xDIM CLAS B 40 4 W/2700 K E14 ¹ | 4058075434462 | 40 | E14 | 4 | 470 | 2700 | 80 | 97 | 35 | Clear | 15000 | 4 | 2 |
| ST PLUS 3XDIM CLAS P 40 4 W/2700 K E14 ¹ | 4058075434448 | 40 | E14 | 4 | 470 | 2700 | 80 | 78 | 45 | Clear | 15000 | 4 | 3 |
| SST PAR 16 50 36° 3.7 W/2700 K GU10 | 4058075433182 | 50 | GU10 | 3.7 | 350 | 2700 | 80 | 54 | 50 | – | 15000 | 4 | 4 |
| ST+ 3XD PIN 40 4 W/2700 K G9 ¹ | 4058075432277 | 40 | G9 | 4 | 470 | 2700 | 80 | 59 | 18 | Clear | 25000 | 4 | 5 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ^{2,3} Refer to www.ledvance.com/guarantee for precise conditions | ³ 4058075433182 | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS



LED CLASSIC A DAYLIGHT SENSOR S

Special lamps with daylight sensor, classic bulb shape



PRODUCT FEATURES

- LED alternative to conventional lamps
- Not dimmable
- Good quality of light; color rendering index $R_a: \geq 80$; constant chromaticity

PRODUCT BENEFITS

- Short payback period thanks to low energy consumption and maintenance costs
- Energy-saving lighting solution thanks to automatic switch off at daylight
- Safety through automatic switch-on at darkness
- Low energy consumption
- Easy replacement of classic lamps thanks to compact design

AREAS OF APPLICATION

- Wherever constant lighting is necessary at night
- Outdoor use in suitable outdoor luminaires only

| Product name | GTIN (EAN) | W | E | W | lm | K | CRI | I (lm) | d (mm) | Light Color | t _h | Energy Efficiency Class | RoHS | Warranty |
|---|---------------|----|-----|-----|-----|------|-----|--------|--------|-------------|----------------|-------------------------|------|----------|
| CLAS A40 Daylight Sensor S 4.9W 827 FIL CL E27 ¹ | 4099854048197 | 40 | E27 | 4.9 | 470 | 2700 | 80 | 106 | 60 | Clear | 15000 | A | 10 | 1 |
| CLAS A60 Daylight Sensor S 7.3W 827 FIL CL E27 ¹ | 4099854048210 | 60 | E27 | 7.3 | 806 | 2700 | 80 | 106 | 60 | Clear | 15000 | A | 10 | 1 |
| CLAS A 60 DS S 8.8W 827 FR E27 ¹ | 4099854043956 | 60 | E27 | 8.8 | 806 | 2700 | 80 | 108 | 60 | Frosted | 25000 | A | 10 | 2 |

¹ All technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

SHEDDING LIGHT AND SYMBOLS



Shatter protection



Operating frequency in Hz



Operation on conventional control gear



Type of protection



Base



Operation on electronic control gear



Dimmable



Length [mm]



Operation on conventional control gear and ignitor



Sensor versions



Diameter [mm]



Energy efficiency class



Wireless



Beam angle in °



Recommended retail price excl. VAT



Glow DIM 2000K...2700K



Color temperature in K



Unit of Packaging



Power in W for conventional technology



Color rendering index



Fig. no.



Power in W



Light intensity in cd



Dimming interface DALI-2



Output voltage in V



Average period of use/life in hours (B50/L70)



Push-DIM function



Luminous flux in lm



Glass Material



LED TUBE EXTERNAL SYSTEM



Luminous efficacy



AC Mains



SELV voltage

GOOD LIGHT ALL ROUND THE FULL LEDVANCE RANGE

LEDVANCE is leading the fight against bad light in every area. That's good news for you if you're looking for energy-efficient and future-proof lighting. Whether you need luminaires, lamps, HCL systems, electronic components, light management systems or smart residential products, LEDVANCE is your expert partner for complex lighting projects. You can always rely on LEDVANCE for excellent brand quality, professional service and a good price/performance ratio.



FUNCTIONAL AESTHETIC LUMINAIRES

The extensive luminaire portfolio covers virtually all professional and residential applications and delivers outstanding quality and functionality. The new BIOLUX HCL system is a winner of the VDE Quality Certificate, the 2020 Red Dot Award for Product Design and the 2020 German Innovation Award.

HIGHLY EFFICIENT LAMPS

Our new professional LEDVANCE LED lamp portfolio offers you a comprehensive selection of shapes and base sizes as well as types with additional functions (e.g. sensors) to cover a wide variety of demands – all EU-compliant, future-proof, energy-efficient and cost-effective.

FLEXIBLE LED STRIP SYSTEM

The LED Strip System comprises a large number of flexible LED strips, drivers and matching accessories. With a wide range of luminous fluxes and light colors, the system allows bespoke lighting solutions to be created for virtually any indoor or outdoor application. Easy to plan, easy to combine and easy to install – that's the principle here.

VIVARES: LIGHT MANAGEMENT, MORE COMFORTABLE THAN EVER

The future-proof IoT light management system (LMS) from LEDVANCE makes it easier and more flexible than ever to always produce optimal lighting conditions for defined requirements and offers potential energy and CO₂ savings of up to 80%. The system offers all LMS components and matching LED luminaires from one source.

SMART LIGHTING FOR RESIDENTIAL APPLICATIONS

Our smart residential products offer a comprehensive combination of innovation, quality, reliability and user-friendliness. We provide a suitable solution for a variety of requirements that intelligent lighting has to meet.

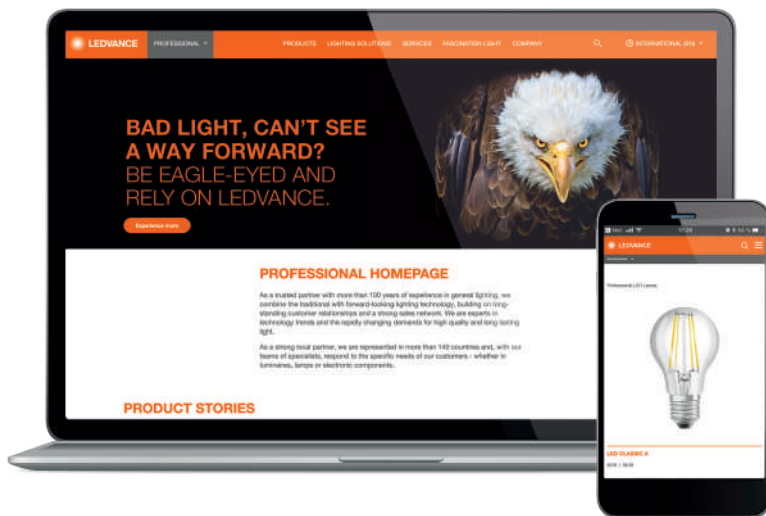
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Go to ledvance.com for more information on LEDVANCE's extensive product portfolio, clever apps and tools that will help you in your day-to-day work.

www.ledvance.com

WHENEVER AND WHEREVER: THE ONLINE PORTAL WITH ALL THE INFORMATION, ADVICE AND EXPERTISE

Are you looking for information about our products and services? LEDVANCE always keeps you up to date: at wholesalers, through our sales employees or via our Customer Service Center (email: contact@ledvance.com). Here you'll find an overview of our services, databases and tools.



▶ THE PRODUCT PORTFOLIO FILTERED TO PERFECTION

Type of base, light color, color rendering – use our online filter for targeted searches in our LED lamp portfolio:

ledvance.com/led-lamps

▶ REFERENCES PROVIDE INSPIRATION

A selection of some top lighting projects can be found at

ledvance.com/projects

▶ LEDVANCE SERVICE-PLUS

Our specialized sales department supports and advises our commercial end customers – including face-to-face. Find out all you need to know at ledvance.com/vam

▶ DOWNLOAD CENTER

Catalogs, compatibility overviews, brochures, and much more are available for you in our download center:

ledvance.com/download

▶ SERVICE AT A GLANCE

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A host of application-oriented eLearnings for professional users, practical tips concerning installation, integrated standards check, planning tips, and much more.

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FAST LIGHT CALCULATOR

The light calculation tool – calculate your LED lamp requirement really conveniently, taking account of relevant parameters such as room size or reflection level.¹ Available directly in the eCatalog.

LIGHT CALCULATION WITH DIALUX AND RELUX

DIALux and RELUX users can now also integrate LEDVANCE products really easily into their lighting planning. We also support users through consultancy, calculation and aftersales support.

¹The Fast Light Calculator is not intended to replace comprehensive, expertly executed light planning with DIALux, RELUX or another professional light planning software. The light distribution of a LED lamp can be influenced by a luminaire.

ABOUT LEDVANCE

With offices in more than 50 countries and business activities in more than 140 countries, LEDVANCE is one of the world's leading general lighting providers for professional users and end consumers. Having emerged from OSRAM's general lighting division, LEDVANCE offers a wide-ranging portfolio of LED luminaires for a broad spectrum of applications, intelligent lighting products for Smart Home and Smart Building solutions, one of the most comprehensive ranges of advanced LED lamps in the lighting industry, traditional light sources, an LED Strip System and light management systems.



LEDVANCE

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