LEDVANCE.COM

2025

LEDVANCE

ILLUMINATION OF PUBLIC SPACES

TOWN AND VILLAGE LIGHTING

ILLUMINATION OF PUBLIC SPACES

LIGHT MEANS SAFETY

ILLUMINATION OF PUBLIC SPACES

High-quality lighting for public places must meet comprehensive requirements. Modern luminaire concepts improve the quality of light and thus safety, not only in traffic, reduce energy and maintenance costs, and reduce unwanted light pollution, for example in residential areas or in the night sky.

RECOMMENDED PRODUCTS

STREETLIGHT FLEX

STREETLIGHT FLEX SMALL, MEDIUM & LARGE

PEP ecoPASSPORT®

PERFOR-MANCE CLASS

STREETLIGHT AREA

STREETLIGHT AREA SMALL, MEDIUM, LARGE AND EXTRA LARGE

PERFOR-MANCE CLASS

ACCESSORIES.

- Adapter for larger poles, suitable for 76 mm diameter poles
- Reducer that allows the standard adapter to be mounted on 42 mm poles
- Suitable for all Streetlight Flex types

PERFOR-MANCE CLASS

HIGHLY FLEXIBLE AND EFFICIENT STREET LUMINAIRES

- Modern and durable design for long-lasting performance and durability up to 100,000 hours L90B10 (at 25 °C)
- Extremely high luminous efficacy, up to 155 lm/W, provides a very good total cost of ownership in many replacement scenarios
- Wide range of applications, suitable for road and parking lot lighting: configuration of 7 LEDs, 3 CCT, 2 light distribution angles

URBAN LANTERN

- Versatile luminaire with selectable luminous flux and light color
- High energy saving due to luminous efficacy of 139 lm/W
- Ideal for locations where pole-mounted project luminaires are required (street lighting, parks, pedestrian and residential areas, squares, cemeteries)
- Versions with symmetrical or asymmetrical light distribution
- Color: black/gray

MULTI COLOUR | MULTI LUMEN

FLOODLIGHT FLEX

- Highly functional outdoor luminaires, lighting for sports grounds and fields
- High energy saving due to luminous efficacy of 160 lm/W
- Class C5 corrosion resistance, ideal for use in coastal areas
- MULTI LUMEN function makes it easy to adjust lumen levels to meet specific needs
- The 2200 K version is ideal for illuminating the facades of exposed buildings

PERFORMANCE CLASS | MULTI LUMEN

HQL LED PRO

- Available in light color temperatures of 4000 K and 2700 K
- Light attenuation in the blue wavelength range – yellowish light color
- Energy savings of up to 78% when replacing mercury light sources
- For lighting streets, large public spaces, pedestrian areas and parks

PERFORMANCE CLASS | E27 | E40

NAV FILAMENT

- A direct replacement for mercury lamps
- Very high efficacy: up to 190 lm/W
- Up to 63% lower energy consumption compared to traditional sodium lamps.
- Available in light color temperatures of 4000 K and 2700 K
- For lighting streets, large public spaces, pedestrian areas and parks

E27 | E40

LEDVANCE PUBLIC SPACE LIGHTING

AREAS OF APPLICATION

FLEX STREET LIGHTING: EFFICIENT, DURABLE AND FLEXIBLE

Easy installation, top-quality materials, exceptionally long service life and two different beam shapes - Streetlight Flex luminaires are our efficient, flexible solution for the demanding requirements of modern street and parking lot lighting.

HIGH-EFFICIENCY CERAMIC LEDS

Flexible LED options, including high-power ceramic LEDs and medium-power LEDs, help maximize performance, durability, cost and energy savings.

UNIVERSAL HOLDER

Suitable for either side-entry or post-top installations, with an adjustable angle from –15° to +15° in 2.5° increments.

MODULAR DESIGN

Modular design of electronic circuits allows for easier maintenance.

TOOL-LESS MAINTENANCE

With advanced separated mounting bracket design

PERFECTLY SMOOTH DESIGN

The clean and smooth surface minimizes dust accumulation and facilitates cleaning.

HIGH TRANSPARENCY GLASS

It provides high light transmission and protects the diffuser from high temperatures and degradation.

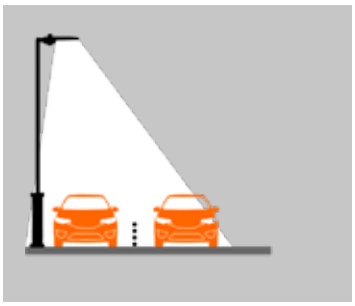
PROFESSIONAL LIGHT DISTRIBUTION

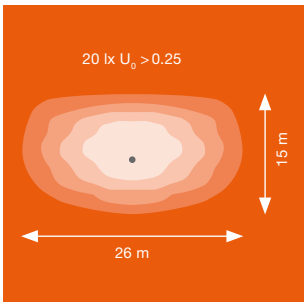
It provides uniform illumination and reduces glare.

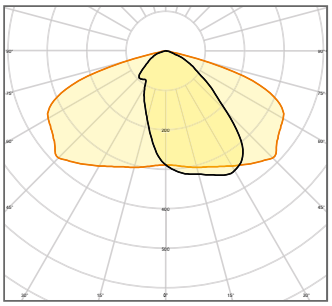
DISTRIBUTION OPTIONS

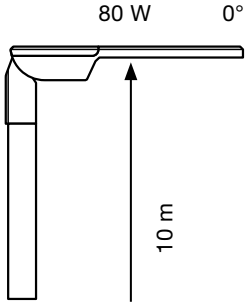
RV25ST OPTICS

- For normal roads with a typical width equal to or greater than the road height (width approx. 1 to 1.25 × pole height)
- For rectangular parking spaces in front of the pole



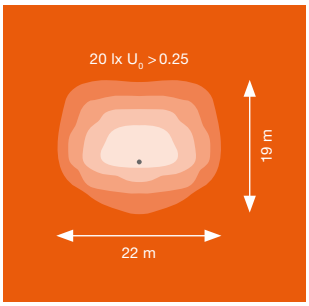


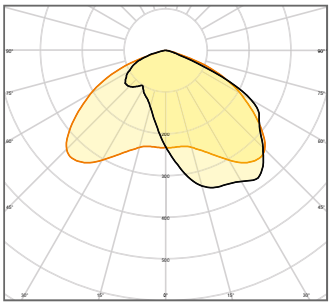


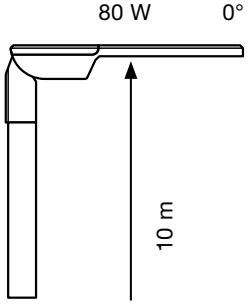


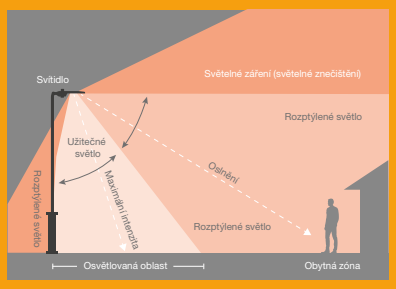
RW35ST OPTICS

- For very wide roads with road width greater than the pole height
- Square parking spaces and lighting of the area in front of the pole









FRIENDLY SOLUTION TO THE NIGHT SKY

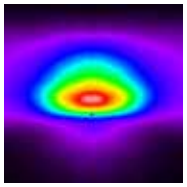
Streetlight Flex's design relies on optics and control options to direct the right amount of light exactly where it is needed. The directional optical design eliminates upward directed light, reducing light pollution and contributing to greater efficiency.

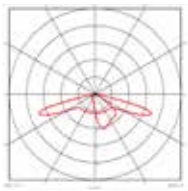
WE HAVE ILLUMINATED THE FOLLOWING LOCALITIES

Bačetín
Bojanovice
Bratřínov
Čánka
Černolice
Čisovice
Dobrná
Doksany
Hrob
Jarošov
Kněžpole
Koleč
Malá Veleň
Mikulášovice
Novosedly
Opava
Ovčáry
Panenské Břežany
Sběř
Sněžné
Skapce
Tuchoměřice
Vernéřovice
Žďárky
Žim

RU20ST OPTICS

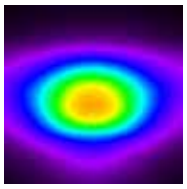
– For normal roads with a typical width equal to or greater than the road height (width approx. 1 to 1.25 × pole height)

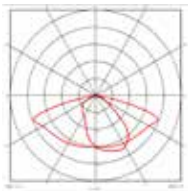




RU30ST OPTICS

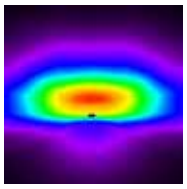
– For normal roads with a typical width equal to or greater than the road height (width approx. 1 to 1.25 × pole height)





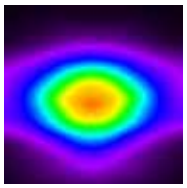
RV15 OPTICS

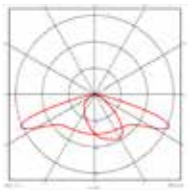
– For illuminating narrow roadways, pedestrian ways and bicycle paths with a width less than or equal to the height of the pole (approximate width of 0.7 to 1 × the height of the pole)



RV30 OPTICS

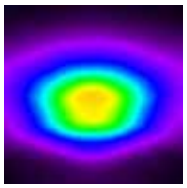
– For wide roads with a width equal to or greater than the road height (width approx. 1 to 1.25 × pole height)

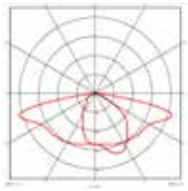




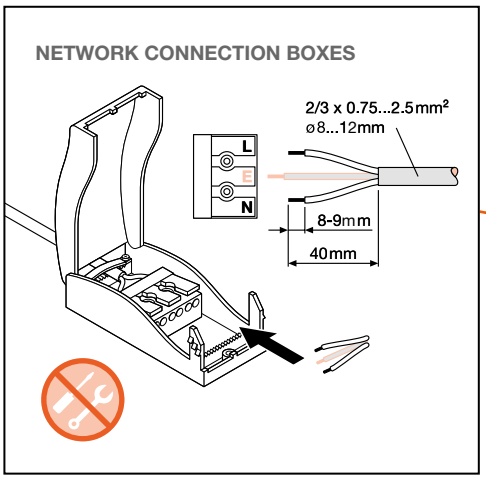
RV35 OPTICS

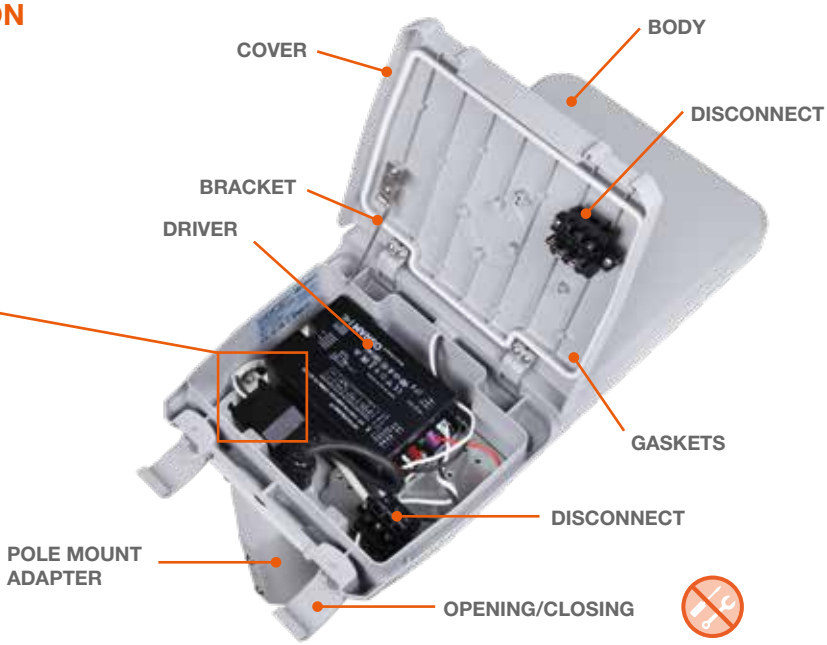
– For wide roads with a width equal to or greater than the road height (width approx. 1 to 1.25 × pole height)

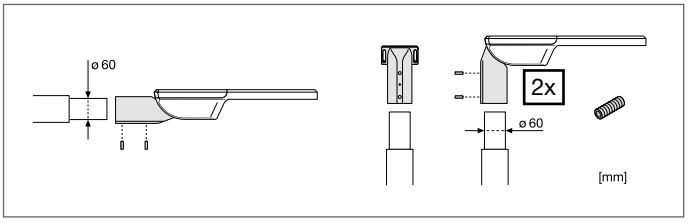




VERY EASY AND FLEXIBLE INSTALLATION







– Pole adapter for 60 mm pole diameter is included as standard with all Streetlight Flex luminaires
– Flexible design allows the luminaire to be mounted on the side or on top of a pole
– Tilt angle adjustment ± 15° without opening the case

ILLUMINATION OF PUBLIC SPACES IN VERNÉŘOVICE

The village of Vernéřovice is located in the district of Náchod in the Hradec Králové Region on the border with Poland. This street village lies in the valley of the Vernéřovice stream, and its eastern end is virtually connected to the town of Meziměstí. In line with the goals of modernizing the municipality, reducing energy consumption and going green, the existing public lighting in the municipality has been replaced with modern and much more energy-efficient LED lighting. In cooperation with our partner ČEZ energetiské služby s.r.o. - the municipality selected LEDVANCE as the new supplier. STREET LIGHT FLEX luminaires in SL FLEX 13W, SL FLEX SPD 25W and SL FLEX 58W types were designed and installed. Taking into account current trends in public lighting, here we designed a color temperature of 2700 K, the so-called warm-white light, which has minimal impact on the environment and surroundings.

LEDVANCE® STREETLIGHT FLEX

- Replacement of public lighting fixtures with sodium lamps
- Reduce energy consumption, save electricity
- Extension of service intervals
- High luminous efficacy 134lm/W
- Easy installation, replacement using existing poles
- The angle of the luminaire can be adjusted, thanks to the integrated joint

IP66 IK08 LEDVANCE 5 YEARS GUARANTEE

ORDERING PARTY:
village of Vernéřovice

PROJECT:
Replacement of original public lighting lamps

TYPE:
Lighting of public spaces

TECHNOLOGY:
LED

PRODUCTS:
LEDVANCE® Streetlight Flex

ILLUMINATION OF PUBLIC SPACES
IN PANENSKÉ BŘEŽANY

The municipality of Panenské Břežany decided to modernize its public lighting system of 112 light points, replacing them with modern LED luminaires. LEDVANCE STREETLIGHT FLEX luminaires of 13 W, 25 W and 36 W, 2700 K color temperature, high luminous efficacy of up to 134lm/W and IP66 protection rating were used. The luminaire has a sturdy and durable construction, an aluminum body and can be used in a temperature range of -40 to +50°C, which is essential for outdoor use. Existing poles were used, and the 1:1 luminaires were replaced with LEDVANCE STREETLIGHT FLEX luminaires. If the luminaire is installed with zero tilt, the light does not leak in the opposite direction of the intended distribution, and the luminaire does not generate unnecessary light smog above itself.

LEDVANCE® STREETLIGHT FLEX

- Equivalent to luminaires with discharge lamps
- Durable design and selection of the highest quality components for long-lasting performance
- Energy Savings
- High efficacy: up to 134 lm/W
- Zero upper luminous flux of the luminaire (ULOR 0%) when mounted at an angle of 0

IP66 IK08 LEDVANCE 5 YEARS GUARANTEE

ORDERING PARTY:
village of Panenské Břežany

PROJECT:
Lighting of the village of Panenské Břežany

TYPE:
illumination of public spaces

TECHNOLOGY:
LED

PRODUCTS:
LEDVANCE® Streetlight Flex

ILLUMINATION OF PUBLIC SPACES IN TUCHOMĚŘICE

The village of Tuchoměřice is located about 3 km from the Prague districts of Ruzyně and Přední Kopanina. The village currently has about 1,600 permanent residents and is growing, developing and modernizing in line with the general trend. This includes replacing the existing public lighting, which featured sodium vapor lamps, with more modern and energy-efficient LED lighting.

Based on the tender and experience in previous years, the municipality selected LEDVANCE and its products as the new supplier. The STREET LIGHT AREA luminaires were designed and then installed in two types of 35W and 45W outputs. Taking into account the trends in the field of public lighting, when the color of light is trying to get closer to the original sodium lamps, a light color temperature of 3000K, or so-called warm-white light, was introduced here.

LEDVANCE® STREETLIGHT AREA

- Replacement of public sodium luminaires
- Reduce energy consumption, save electricity
- Extension of service intervals
- High luminous efficacy (130 lm/W)
- Easy installation, use of existing light poles
- The angle of the luminaire can be adjusted, thanks to the integrated joint

IP66 IK08 LEDVANCE 5 YEARS GUARANTEE

ORDERING PARTY:
village of Tuchoměřice

PROJECT:
Replacement of several existing public lighting lamps

TYPE:
illumination of public spaces

TECHNOLOGY:
LED

PRODUCTS:
LEDVANCE® Streetlight Area

SITE LIGHTING
LINDE-GAS

Linde GAS is part of Linde plc, a global leader in industrial gases with operations in more than 100 countries. In the Czech Republic, it is the largest producer and supplier of technical, medical and specialty gases. It offers customers innovative solutions, technologies and services tailored to their needs. It has the widest sales network of industrial gases and accessories in the Czech Republic.

In an effort to modernize and reduce energy consumption costs, Linde has decided to replace the lighting at its Prague plant. Sodium discharge lamps in combination with halogen floodlights were installed throughout the facility. Based on new lighting calculations and design, ECO CLASS AREA SPD luminaires of 60 W, 90 W and 150 W and FLOODLIGHT PERFORMANCE luminaires of 65 W, 150 W and 165 W were installed. The new LED luminaires were installed on existing light poles, so no construction work was required, and the complete replacement took place within one working week.

LEDVANCE® ECO AREA

LEDVANCE® FLOODLIGHT PERFORMANCE

- Replacement for halogen and sodium lamps
- Reduce energy consumption, save electricity
- Easy installation on existing installations
- Improving lighting comfort
- Increased traffic safety

IP65 IK08 LEDVANCE 5 YEARS GUARANTEE

ORDERING PARTY:
Linde Gas a.s.

PROJECT:
Lighting of the logistics and production area

TYPE:
Outdoor lighting

TECHNOLOGY:
LED

PRODUCTS:
LEDVANCE® ECO Area
LEDVANCE® Floodlight

ART INSTALLATION IN THE PROPYLEUM
KUNSTAREAL MUNICH

The city of Munich has decided to modernize the lighting of the Propylea, a symbol of the city. The original architectural design was to be highlighted by the lighting project and integrated into the existing architecture. The lighting installation had to meet strict structural and planning requirements for historic buildings. A particularly efficient lighting system had to be selected to cope with the enormous dimensions of the building and the entire installation. The lighting system had to be wind and weather resistant, IP65 rated, suitable for continuous operation, and at the same time provide stable light in terms of color temperature and luminous flux.
The high requirements for a lighting installation designed

LEDVANCE®
ECO HIGH POWER FOODLIGHT 500W

- Energy savings of up to 90% compared to halogen floodlight luminaires
- Up to 45% energy savings compared to discharge lamps
- Uniform light output
- Light beam with rotational symmetry for strong illumination of the mast area
- Different versions are available with different types of light distribution
- Mounting bracket that allows tilting up to 180°

IP65 IK08 LEDVANCE 5 YEARS GUARANTEE

for continuous operation and outdoor use even in cold winter temperatures were met by LEDVANCE's ECO HIGH POWER FLOODLIGHT 500W and LED STRIP VALUE-500 RGB PROTECTED luminaires.

The LEDVANCE lighting solution was unique for its high luminous flux, uniform light and low installation profile. Thanks to their high quality, these luminaires are also weatherproof and ideal for permanent outdoor use. At the same time, the low energy consumption of the lighting system enables efficient illumination of the gap space. Thanks to the remote control of the LED strip, the light scene could be easily adjusted even after the steel frame was installed.

A seamless transition was created between the architectural object and the lighting, and the two were connected. To properly illuminate this monumental building, the LEDVANCE luminaires used are capable of producing a total luminous flux of more than one million lumens.

With expert advice from LEDVANCE product managers, a comprehensive lighting concept was designed and implemented to meet all requirements.

LOCATION:
Erlangen, Germany, 2020

ORDERING PARTY:
City of Munich/ artist Yul Zeser

PROJECT:
Art installation - Kunstareal Munich

TYPE:
illumination of public spaces

TECHNOLOGY:
LED

PRODUCTS:
LEDVANCE® ECO HIGH POWER FOODLIGHT 500W

LEDVANCE® LED STRIP VALUE 500 RGB PROTECTED

CASTILLO DE OROPESA
TOLEDO, SPAIN

LEDVANCE has been commissioned to design and implement a modern lighting solution for a popular historical monument in Spain. The magnificent 12th-century castle and palace complex of Oropesa is a major tourist attraction in the Toledo region. However, the existing lighting of this historic complex, due to insufficient power, uneven illumination and light that was too low in color temperature, did not make this architectural gem stand out in all its glory.

Accordingly, LEDVANCE conducted a detailed analysis of the building's architecture and lighting condition, and proposed a comprehensive lighting solution based on this analysis. As

LEDVANCE® FLOODLIGHT PERFORMANCE

- Energy savings of up to 90% compared to halogen floodlight luminaires
- Up to 45% energy savings compared to discharge lamps
- Zero upper luminous flux of the luminaire (ULOR 0%) when mounted at an angle of 0
- High efficacy: up to 140 lm/W
- Available in a wide power range from 30 to 290 watts

IP65 IK08 LEDVANCE 5 YEARS GUARANTEE

LOCATION:
Oropesa, Toledo, Spain

ORDERING PARTY:
Castillo de Oropesa

PROJECT:
Revitalization of a tourist attraction using LEDVANCE LED luminaires

TYPE:
illumination of public spaces

TECHNOLOGY:
LED

PRODUCTS:
LEDVANCE®
FLOODLIGHT PERFORMANCE 3000K
30W / 50 W / 80 W / 150 W / 200 W / 290 W

part of the project, a total of 97 FLOODLIGHT PFM SYM LED floodlights with different luminous fluxes and beam angles and a light color temperature of 3000 K were installed in well-defined locations on the site.

The LED lighting solution has significantly improved the quality of lighting in the building. FLOODLIGHT PFM SYM luminaires are characterized by wattages from 10 W to 290 W selected according to the architectural layout, symmetrical light distribution angles of 30°, 60° or 100°, homogeneous light distribution and reduced glare thanks to the tempered glass housing. The LED solution offers a particular advantage in terms of energy consumption: FLOODLIGHT luminaires save up to 90% compared to conventional spotlights. And with a five-year product warranty and a rated service life of up to 70,000 hours, future expenses and maintenance costs of the luminaires are also significantly reduced.

CASTILLO DE OROPESA: OLD BUILDINGS IN A NEW LIGHT

About Ledvance

With business activities in over 140 countries, LEDVANCE is one of the world's leading general lighting companies. Emerging from OSRAM's general lighting division, LEDVANCE's portfolio includes LED lamps and luminaires, intelligent lighting products, traditional lamps and renewable energy solutions.
#POWERTHROUGHLIGHT

LEDVANCE

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3/2025 Subject to change without notice. Errors and omissions excepted (E&OE).

WE PROUDLY PRESENT OUR ADVANCING SOLAR ENERGY

As lighting enthusiasts, we were inspired by the sun on our way to a greener future. The result is LEDVANCE Renewables, an integrated solar energy solution for the building sector that covers not only energy generation but also its storage and use as well as integration into power systems. It enables private and business customers to use the power of the sun to generate their own clean energy, be less dependent on fossil energy sources and minimise their impact on the environment.

Embrace a greener future with LEDVANCE Renewables and start generating your own clean energy today. Visit pv.ledvance.com to explore tailored solutions and efficient energy management.

LEDVANCE RENEWABLES

#POWERTHROUGHLIGHT

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