

PRODUCT DATASHEET

URB LTRN V 29W ASYM PS 830-840 IP66 BK

URBAN LANTERN ASYMMETRIC | Fitting pathway, bicycle path lighting applications



VALUE
CLASS

Areas of application

- Replacement for luminaires with mercury vapor or metal halide lamps
- Streets
- Residential installations
- Pedestrian zones
- Parks
- Public areas

Product benefits

- Highly versatile due to selectable CCT and power steps (Power Select - PS)
- Low flicker light thanks to special electronic control gear
- Energy savings thanks to system efficacy of up to 139 lm/W
- Bright, robust and durable
- 5 years guarantee

Product features

- Protection class: II
- Lifetime (L80/B10): up to 100,000 h (at 25 °C)
- Type of protection: IP66
- Impact resistance: IK10
- Asymmetric light distribution

TECHNICAL DATA

Electrical data

| | |
|---|---|
| Nominal wattage | 29 W / 25 W / 20 W / 15 W ¹⁾ |
| Nominal voltage | 220...250 V |
| Mains frequency | 50...60 Hz |
| Nominal current | 70 mA |
| Inrush current time T _{h50} | 330 µs |
| Max. number of luminaires per miniature circuit breaker B16 | 8 |
| Max. number of luminaires per miniature circuit breaker C16 | 13 |
| Power factor λ | > 0.90 |
| Total harmonic distortion | < 20 % |
| Protection class | II |
| Operating mode | Integrated LED driver |

¹⁾ For possible options refer to lumen/power table image

Photometrical data

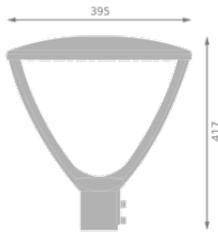
| | |
|--|---|
| Luminous flux | 3945 lm / 3400 lm / 2720 lm / 2040 lm ¹⁾ |
| Luminous efficacy | 136 lm/W ¹⁾ |
| Color temperature | 3000 K/4000 K |
| Light color (designation) | Warm White / Cool White |
| Color rendering index Ra | 80 |
| Standard deviation of color matching | 5 sdc _m |
| Low flicker | Yes |
| Flickering metric (Pst LM) | <1 |
| Stroboscope effect metric (SVM) | <0.4 |
| Photobiological safety group acc. to EN62778 | RG1 |

¹⁾ For possible options refer to lumen/power table image

URB LTRN V29/59W ASYMPS

Dimensions & Weight

| | |
|----------------|-----------|
| Diameter | 395.00 mm |
| Height | 417.00 mm |
| Product weight | 4155.00 g |



URBAN LANTERN

Materials & Colors

| | |
|--|--------------------|
| Product color | Black |
| Housing color | Black |
| Body material | Aluminum |
| Cover material | Polycarbonate (PC) |
| Light emitting surface material | Polycarbonate (PC) |
| Glow Wire Test according to IEC 60695-2-12 | 750 °C |
| Mercury content | 0.0 mg |

Application & Mounting

| | |
|--|-----------------|
| Ambient temperature range | -30...+50 °C |
| Temperature range at storage | -30...80 °C |
| Type of connection | Cable, 3-pole |
| Type of protection | IP66 |
| Protection class IK (shock resistance) | IK10 |
| Dimmable | No |
| Mounting type | Post top |
| Mounting location | Pole |
| Application environment | Outdoor |
| Adjustable | No |
| LED module replaceable | Not replaceable |
| With light source | Yes |

Lifespan

| | |
|----------------------------|------------------------|
| Lifespan L70/B50 at 25 °C | 100000 h ¹⁾ |
| Lifespan L80/B10 at 25 °C | 100000 h ¹⁾ |
| Lifespan L90/B10 at 25 °C | 68000 h |
| Number of switching cycles | 100000 |

¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Certificates & Standards

| | |
|--|----|
| Luminaire with limited surface temperature, "D sign" | No |
| Ball shot safe | No |

DOWNLOAD DATA

| Documents and certificates | Document name |
|--|---|
|  User instruction | URBAN LANTERN |
|  Addon Technical Information | URBAN LANTERN |
|  Packaging insert | URBAN LANTERN |
|  Declarations Of Conformity CE | CE Declaration URBAN LANTERN |
|  Declarations Of Conformity UKCA | UKCA Declaration URBAN LANTERN |
|  Certificates | ENEC Certificate URBAN LANTERN |
| Photometric and lighting design files | Document name |
|  IES file (IES) | URBAN LANTERN V 29W ASYM PS 830 IP66 BK |
|  IES file (IES) | URBAN LANTERN V 29W ASYM PS 840 IP66 BK |
|  LDT file (Eulumdat) | URBAN LANTERN V 29W ASYM PS 830 IP66 BK |
|  LDC typ polar | URB LTRN V29/59W ASYMPS |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854246784 | Shipping box 1 | 435 mm x 435 mm x 220 mm | 4520.00 g | 41.63 dm ³ |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

References / Links

– For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.