

# PRODUCT DATASHEET

## URB LTRN V 29W SYM PS 822-827 IP66 GY

URBAN LANTERN SYMMETRIC | Fitting area lighting applications



### 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

### Product features

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

## TECHNICAL DATA

### Electrical data

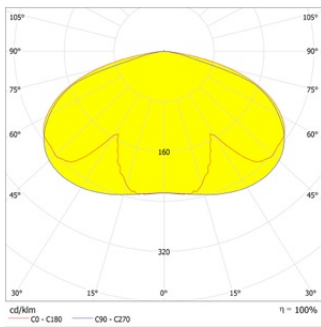
|   |   |
|---|---|
| Nominal wattage   | 29 W / 25 W / 20.0 W / 15 W <sup>1)</sup> |
| Nominal voltage   | 220...250 V                               |
| Mains frequency   | 50...60 Hz                                |
| Nominal current   | 70-90-110-130 mA                          |
| Inrush current  | 25.8 A                                    |
| Inrush current time $T_{h50}$                               | 300 $\mu$ s                               |
| Max. number of luminaires per miniature circuit breaker B16 | 8   |
| Max. number of luminaires per miniature circuit breaker C10 | 8   |
| Max. number of luminaires per miniature circuit breaker C16 | 13  |
| Power factor $\lambda$                                      | > 0.90                                    |
| Total harmonic distortion                                   | < 20 %                                    |
| Protection class  | II  |
| Surge capability (L-N)                                      | 6 kV                                      |
| Operating mode  | Integrated LED driver                     |

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

### Photometrical data

|  |   |
|--|---|
| Luminous flux                                | 3538 lm / 3050 lm / 2440 lm / 1830 lm <sup>1)</sup> |
| Luminous efficacy                            | 122 lm/W <sup>1)</sup>                              |
| Color temperature                            | 2200 K / 2700 K                                     |
| Light color (designation)                    | Warm White  |
| Color rendering index Ra                     | 80  |
| Standard deviation of color matching         | 5 sdc <sub>m</sub>                                  |
| Low flicker                                  | Yes   |
| Flickering metric (Pst LM)                   | <1  |
| Stroboscope effect metric (SVM)              | <0.4  |
| Photobiological safety group acc. to EN62778 | RG1   |
| Beam angle                                   | 145 °   |

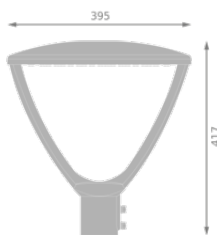
<sup>1)</sup> For possible options refer to lumen/power table image



URB LTRN V 29/59W SYMPS

Dimensions & Weight

|                |           |
|----------------|-----------|
| Diameter       | 395.00 mm |
| Height         | 417.00 mm |
| Product weight | 4200.00 g |
| Cable length   | 250 mm    |



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Materials & Colors

|  |                    |
|--|--------------------|
| Product color                              | Gray               |
| Housing color                              | Gray               |
| 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 | -35...+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            |
| With light source                      | Yes           |
| Replaceable light source               | No            |

### Lifespan

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

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

### Control gear

|                             |                          |
|-----------------------------|--------------------------|
| Output current              | 765...650...520...390 mA |
| ECG - Output ripple current | < 20 %                   |



### Certificates & Standards

|  |                        |
|--|------------------------|
| Standards  | CE / UKCA / EAC / ENEC |
| Luminaire with limited surface temperature, "D sign" | No                     |
| Ball shot safe                                       | No                     |
| Replaceable light source (EPREL)                     | Not replaceable        |

### Additional product data

|                |              |
|----------------|--------------|
| Added function | MULTI SELECT |
|----------------|--------------|

### DOWNLOAD DATA

| Documents and certificates   |  | Document name              |
|--|--|----------------------------|
|  | User instruction / safety instructions | URBAN LANTERN              |
|  | Legal information                      | Legal Insert URBAN LANTERN |



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