

PRODUCT DATASHEET

URB LTRN V 59W SYM PS 822-827 IP66 BK

URBAN LANTERN SYMMETRIC | For 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

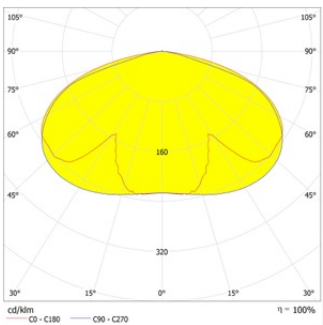
Nominal wattage	59 W / 49 W / 42 W / 34 W ¹⁾
Nominal voltage	220...250 V
Mains frequency	50...60 Hz
Nominal current	150-190-215-260 mA
Inrush current	30.6 A
Inrush current time T _{h50}	300 µs
Max. number of luminaires per miniature circuit breaker B16	7
Max. number of luminaires per miniature circuit breaker C10	7
Max. number of luminaires per miniature circuit breaker C16	11
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	II
Surge capability (L-N)	6 kV
Operating mode	Integrated LED driver

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

Photometrical data

Luminous flux	7375 lm / 6125 lm / 5250 lm / 4250 lm ¹⁾
Luminous efficacy	125 lm/W ¹⁾
Color temperature	2200 K / 2700 K
Light color (designation)	Warm White
Color rendering index Ra	80
Standard deviation of color matching	5 sdcm
Low flicker	Yes
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	<0.4
Photobiological safety group acc. to EN62778	RG1
Beam angle	145 °

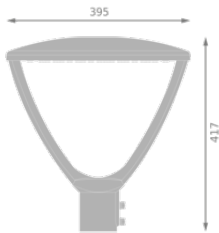
¹⁾ For possible options refer to lumen/power table image



URB LTRN V 29/59W SYMPS

Dimensions & Weight

Diameter	395.00 mm
Height	417.00 mm
Product weight	4300.00 g
Cable length	250 mm



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	-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 ¹⁾
Lifespan L80/B10 at 25 °C	100000 h ¹⁾
Lifespan L80/B50 at 25 °C	100000 h
Lifespan L90/B10 at 25 °C	63000 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)

Control gear

Output current	1490...1240...1060...850 mA
ECG - Output ripple current	< 20 %

Certificates & Standards

Standards	CE / UKCA / EAC / ENEC / EPD
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
EPD	LEDV-00041-V01.01-EN
Replaceable light source (EPREL)	Not replaceable

Additional product data

Added function	MULTI SELECT
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DOWNLOAD DATA

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

Photometric and lighting design files	Document name
	IES file (IES)
IES file (IES)	URBAN LANTERN V 59W SYM PS 822-827 IP66 BK 2200K
	IES file (IES)
IES file (IES)	URBAN LANTERN V 59W SYM PS 822-827 IP66 BK 2700K
	LDT file (Eulumdat)
LDT file (Eulumdat)	URBAN LANTERN V 59W SYM PS 822-827 IP66 BK 2200K
	LDT file (Eulumdat)
LDT file (Eulumdat)	URBAN LANTERN V 59W SYM PS 822-827 IP66 BK 2700K
	ULD file (DIALux)
ULD file (DIALux)	URB LTRN V 59W SYMPS822-827 IP66 BK
	Light distribution curve type polar
Light distribution curve type polar	URB LTRN V 29/59W SYMPS

	CAD/BIM files	Document name
	BIM Revit 3D	Urban Lantern
	CAD STEP 3D	URBAN LATERN

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854287671	Shipping box 1	435 mm x 435 mm x 220 mm	4665.00 g	41.63 dm³

ADDITIONAL CATALOG INFORMATION

$\bar{r}_{\text{M}}$	15	20	25	30	35	40	45	50
$\bar{r}_{\text{M}}(\text{km})$	2300	2700	3200	3700	4200	4700	5200	5700
km	107	122	137	152	167	182	197	212
km	1500	1630	1765	1905	2050	2195	2340	2490

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.