

# PRODUCT DATASHEET

## URB LTRN V 29W SYM PS 830-840 IP66 BK

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

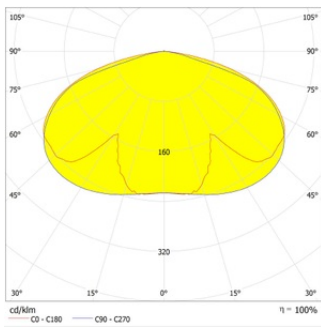
Nominal wattage	29 W / 25 W / 20.0 W / 15 W <sup>1)</sup>
Nominal voltage	220...250 V
Mains frequency	50...60 Hz
Nominal current	70-90-110-130 mA
Inrush current	25.8 A
Inrush current time $T_{h50}$	330 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	8
Max. number of luminaires per 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	3945 lm / 3400 lm / 2720 lm / 2040 lm <sup>1)</sup>
Luminous efficacy	136 lm/W <sup>1)</sup>
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 <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 °

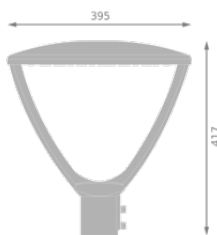
<sup>1)</sup> For possible options refer to lumen/power table image



URB LTRN V 29/59W SYMPS

**Dimensions & Weight**

Diameter	395.00 mm
Height	417.00 mm
Product weight	4155.00 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

### 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
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### DOWNLOAD DATA

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

Documents and certificates		Document name
	Legal information	Informationstext 18 Abs 4 ElektroG
	Declarations of conformity	CE Declaration URBAN LANTERN
	Declarations of conformity UKCA	UKCA Declaration URBAN LANTERN

Photometric and lighting design files		Document name
	IES file (IES)	URBAN LANTERN V 29W SYM PS 830 IP66 BK
	IES file (IES)	URBAN LANTERN V 29W SYM PS 840 IP66 BK
	LDT file (Eulumdat)	URBAN LANTERN V 29W SYM PS 830 IP66 BK
	LDT file (Eulumdat)	URBAN LANTERN V 29W SYM PS 840 IP66 BK
	ULD file (DIALux)	URB LTRN V 29W SYMPS830-840 IP66 BK
	Light distribution curve type polar	URB LTRN V 29/59W SYMPS

CAD/BIM files		Document name
	BIM Revit 3D	Urban Lantern
	CAD STEP 3D	SL URBAN LANTERN
	CAD STEP 3D	URB LTRN

Tender texts	Document name
	Tender documents URBAN LANTERN SYMMETRIC 29W SYM PS 830 840 IP66 BK-EN

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854246845	Shipping box 1	435 mm x 435 mm x 220 mm	4520.00 g	41.63 dm <sup>3</sup>

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.

## ADDITIONAL CATALOG INFORMATION

Part	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Power	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	13000	14000	15000	16000	17000	18000	19000	20000
Beam	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
W	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000	9500	10000

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## References / Links

– For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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