

# PRODUCT DATASHEET

## URB LTRN V 59W ASYM PS 830-840 IP66 BK

URBAN LANTERN ASYMMETRIC | For pathway, bicycle path lighting applications



VALUE  
CLASS

### Areas of application

- Replacement for luminaires with mercury vapor or metal halide lamps
- Streets
- 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
- Asymmetric light distribution

## TECHNICAL DATA

### Electrical data

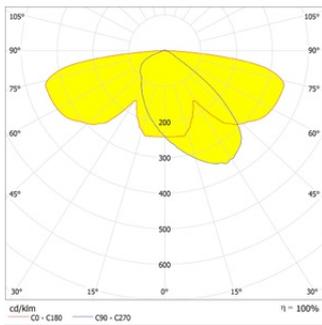
Nominal wattage	59 W / 49 W / 42 W / 34 W <sup>1)</sup>
Nominal voltage	220...250 V
Mains frequency	50...60 Hz
Nominal current	150-190-215-260 mA
Inrush current	30.6 A
Inrush current time $T_{h50}$	300 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	7
Max. number of luminaires per miniature circuit breaker C10	7
Max. number of luminaires per miniature circuit breaker C16	11
Power factor $\lambda$	> 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	8200 lm / 6800 lm / 5840 lm / 4730 lm <sup>1)</sup>
Luminous efficacy	139 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	165° x 65°

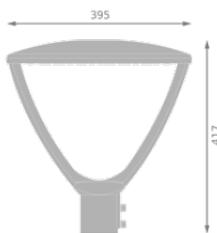
<sup>1)</sup> For possible options refer to lumen/power table image



URB LTRN V29/59W ASYMPS

### Dimensions & Weight

Diameter	395.00 mm
Height	417.00 mm
Product weight	4255.00 g
Cable length	250 mm



URBAN LANTERN

### Materials & Colors

Product color	Black
Housing color	Black
RAL Color (most similar)	RAL 9017
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
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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	63000 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	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

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

Photometric and lighting design files		Document name
	IES file (IES)	URBAN LANTERN V 59W ASYM PS 840 IP66 BK
	IES file (IES)	URBAN LANTERN V 59W ASYM PS 830 IP66 BK
	LDT file (Eulumdat)	URBAN LANTERN V 59W ASYM PS 840 IP66 BK
	LDT file (Eulumdat)	URBAN LANTERN V 59W ASYM PS 830 IP66 BK
	ULD file (DIALux)	URB LTRN V 59W ASYMPS830-840 IP66BK
	ROLF file (RELUX)	URB LTRN V 59W ASYMPS830-840 IP66BK
	Light distribution curve type polar	URB LTRN V29/59W ASYMPS

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

Tender texts		Document name
	Tender documents	URBAN LANTERN ASYMMETRIC 59W ASYM PS 830 840 IP66 BK-EN

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854246821	Shipping box 1	435 mm x 435 mm x 220 mm	4620.00 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	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	
Weight	4620	4620	4620	4620	4620	4620	4620	4620	4620	4620	4620	4620	4620	4620	4620	4620	4620	4620	4620	4620	4620
Volume	41.63	41.63	41.63	41.63	41.63	41.63	41.63	41.63	41.63	41.63	41.63	41.63	41.63	41.63	41.63	41.63	41.63	41.63	41.63	41.63	41.63
Net	4620	4620	4620	4620	4620	4620	4620	4620	4620	4620	4620	4620	4620	4620	4620	4620	4620	4620	4620	4620	4620

References / Links

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

DISCLAIMER

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