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

URBAN LANTERN SYMMETRIC | Fitting area 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

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

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TECHNICAL DATA

Electrical data

Nominal wattage	29 W / 25 W / 20.0 W / 15 W [1)]
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 µs
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 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	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 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

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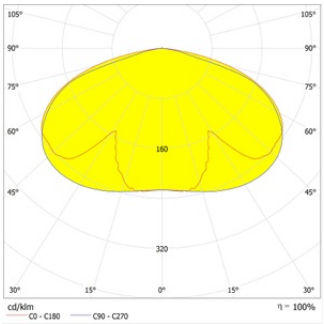
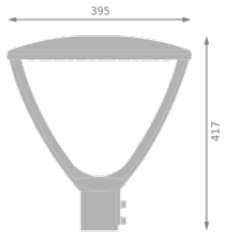


URB LTRN V 29/59W SYMPS

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

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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 [1)]
Lifespan L80/B10 at 25 °C	100000 h [1)]
Lifespan L80/B50 at 25 °C	100000 h
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)

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
PDF	User instruction / safety instructions	URBAN LANTERN
PDF	Legal information	Legal Insert URBAN LANTERN
PDF	Legal information	URBAN LANTERN

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

	Photometric and lighting design files	Document name
IES	IES file (IES)	URBAN LANTERN V 29W SYM PS 830 IP66 BK
IES	IES file (IES)	URBAN LANTERN V 29W SYM PS 840 IP66 BK
LDT	LDT file (Eulumdat)	URBAN LANTERN V 29W SYM PS 830 IP66 BK
LDT	LDT file (Eulumdat)	URBAN LANTERN V 29W SYM PS 840 IP66 BK
ULD	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
RFA	BIM Revit 3D	Urban Lantern
STEP	CAD STEP 3D	SL URBAN LANTERN
STEP	CAD STEP 3D	URB LTRN

	Tender texts	Document name
TXT	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^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.

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ADDITIONAL CATALOG INFORMATION

v_{Air}	15		20		25		29		34		42		49		59	
$T_{Ambient}$	3000	4000	3000	4000	3000	4000	3000	4000	3000	4000	3000	4000	3000	4000	3000	4000
lm/W	130	136	130	136	130	136	130	136	130	136	130	136	130	136	130	136
lm	1890	2040	2600	2720	3250	3400	3770	3945	4420	4624	4730	4949	5440	5693	6825	6935

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.

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