

PRODUCT DATASHEET

UB LTRN SYM 7M V 59W ML 83040 GY

URBAN LANTERN SYMMETRIC WITH CABLE | For area lighting applications with preassembled connection cable



Areas of application

- Replacement for luminaires with mercury vapor or metal halide lamps
- Public areas
- Parks
- Pedestrian zones
- Residential areas

Product benefits

- Easy installation due to preassembled long cable
- 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

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

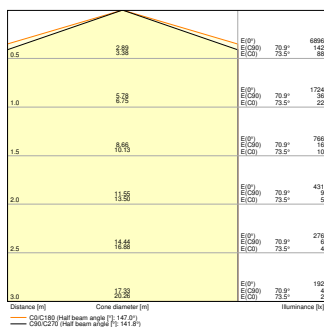
TECHNICAL DATA

Electrical data

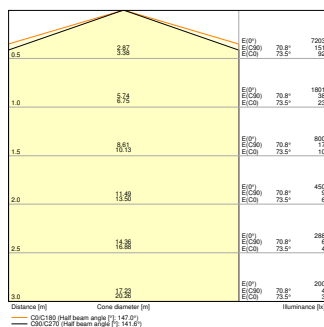
Nominal wattage	59 W / 49 W / 42 W / 34 W
Nominal voltage	220...250 V
Mains frequency	50...60 Hz
Nominal current	150mA / 190mA / 215mA / 260 mA
Inrush current	30.6 A
Inrush current time T_{h50}	300 μ s
Max. number of luminaires per miniature circuit breaker B16	7
Max. number of luminaires per miniature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

Photometrical data

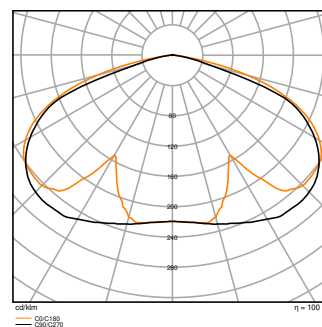
Luminous flux	8200 lm / 6800 lm / 5840 lm / 4730 lm
Luminous efficacy	139 lm/W
Color temperature	3000 K / 4000 K
Light color (designation)	Warm White / Cool White
Color rendering index Ra	80
Standard deviation of color matching	5 sdc _m
Low flicker	Yes
Flickering metric (Pst LM)	< 1
Stroboscope effect metric (SVM)	< 0.4
Photobiological safety group acc. to EN62778	RG1
Beam angle	145 °



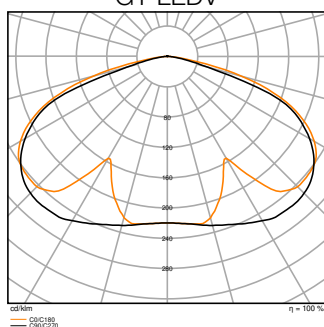
UB LTRN SYM 7M V 59W ML 830
GY LEDV



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Adjustable attributes

Nominal wattage	Color temperature	Luminous flux	Luminous efficacy
59 W	4000 K	8200 lm	139 lm/W
59 W	3000 K	7850 lm	133 lm/W
49 W	4000 K	6800 lm	139 lm/W
49 W	3000 K	6520 lm	133 lm/W
42 W	4000 K	5840 lm	139 lm/W
42 W	3000 K	5600 lm	133 lm/W
34 W	4000 K	4730 lm	139 lm/W
34 W	3000 K	4520 lm	133 lm/W

Dimensions & Weight

Diameter	395.00 mm
Height	417.00 mm
Product weight	4735.00 g
Cable length	7000 mm



URBAN LANTERN

Materials & Colors

Product color	Gray
Housing color	Gray
RAL Color (most similar)	RAL 7024
Body material	Aluminum
Cover material	Polycarbonate (PC)
Light emitting surface material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	650 °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	56000 h

Number of switching cycles	100000
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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
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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EQUIPMENT / ACCESSORIES

- Additional screws included for pole diameter of 42 mm

Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- To reduce the risk of strangulation the flexible wiring connected to this luminaire shall be effectively fixed to the wall if the wiring is within arm's reach.

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	URBAN LANTERN G11245371
	Legal information	Safety Insert G11244388
	Legal information	Legal Insert G11245621
	Legal information	Informationstext 18 Abs 4 ElektroG
	Legal information	LSI Insert G11246562 Urban Lantern
	Declarations of conformity	URBAN LANTERN

Documents and certificates		Document name
	Declarations of conformity UKCA	URBAN LANTERN
Photometric and lighting design files		Document name
	IES file (IES)	UB LTRN SYM 7M V 59W ML 830 GY LEDV
	IES file (IES)	UB LTRN SYM 7M V 59W ML 840 GY LEDV
	LDT file (Eulumdat)	UB LTRN SYM 7M V 59W ML 830 GY LEDV
	LDT file (Eulumdat)	UB LTRN SYM 7M V 59W ML 840 GY LEDV
	UGR file (UGR table)	UB LTRN SYM 7M V 59W ML 830 GY LEDV
	UGR file (UGR table)	UB LTRN SYM 7M V 59W ML 840 GY LEDV
	Light distribution curve type cone	UB LTRN SYM 7M V 59W ML 830 GY LEDV
	Light distribution curve type cone	UB LTRN SYM 7M V 59W ML 840 GY LEDV
	Light distribution curve type polar	UB LTRN SYM 7M V 59W ML 830 GY LEDV
	Light distribution curve type polar	UB LTRN SYM 7M V 59W ML 840 GY LEDV
CAD/BIM files		Document name
	BIM Revit 3D	Urban Lantern
Tender texts		Document name
	Tender documents	URBAN LANTERN SYMMETRIC WITH CABLE 7M V 59W ML 83040 GY-en

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854649844	Shipping box 1	435 mm x 435 mm x 220 mm	5100.00 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.

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.