

# PRODUCT DATASHEET

## UB LTRN ASYM 7M V 59W ML 83040 GY

URBAN LANTERN ASYMMETRIC WITH CABLE | For pathway, bicycle path lighting applications with preassembled connection cable



VALUE  
CLASS

### Areas of application

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

### 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
- Asymmetric light distribution

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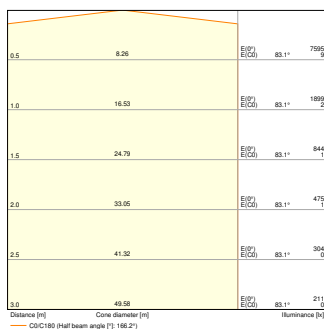
## TECHNICAL DATA

### Electrical data

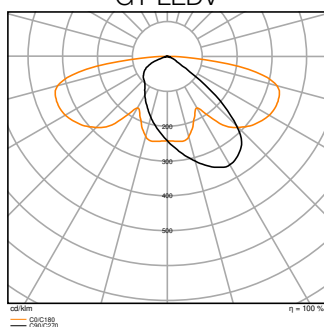
|                                                             |                                |
|-------------------------------------------------------------|--------------------------------|
| Nominal wattage                                             | 59 W / 49 W / 42 W / 34 W      |
| Nominal 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 $\mu$ 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          |

### Photometrical data

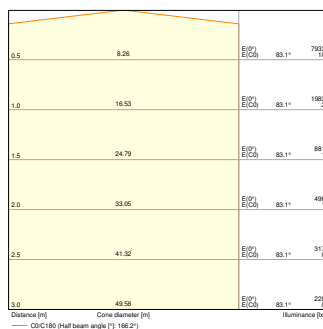
|                                              |                                       |
|----------------------------------------------|---------------------------------------|
| Luminous flux                                | 8200 lm / 6800 lm / 5840 lm / 4730 lm |
| Luminous efficacy                            | 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 <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 °                           |



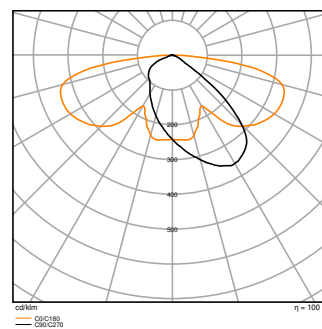
UB LTRN ASYM 7M V 59W ML 830  
GY LEDV



UB LTRN ASYM 7M V 59W ML 840  
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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 <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 | 56000 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 |
| Luminaire with limited surface temperature, "D sign" | No                     |
| Ball shot safe                                       | No                     |
| Replaceable light source (EPREL)                     | Not replaceable        |

### Additional product data

|                |                             |
|----------------|-----------------------------|
| Product remark | Available from October 2025 |
| Added function | MULTI SELECT                |

### 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 |

| Documents and certificates                                                         |                                     | Document name                                               |
|------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------------------------------|
|    | Declarations of conformity          | URBAN LANTERN                                               |
|    | Declarations of conformity UKCA     | URBAN LANTERN                                               |
| Photometric and lighting design files                                              |                                     | Document name                                               |
|    | IES file (IES)                      | UB LTRN ASYM 7M V 59W ML 830 GY LEDV                        |
|    | IES file (IES)                      | UB LTRN ASYM 7M V 59W ML 840 GY LEDV                        |
|    | LDT file (Eulumdat)                 | UB LTRN ASYM 7M V 59W ML 830 GY LEDV                        |
|    | LDT file (Eulumdat)                 | UB LTRN ASYM 7M V 59W ML 840 GY LEDV                        |
|    | Light distribution curve type cone  | UB LTRN ASYM 7M V 59W ML 830 GY LEDV                        |
|    | Light distribution curve type cone  | UB LTRN ASYM 7M V 59W ML 840 GY LEDV                        |
|    | Light distribution curve type polar | UB LTRN ASYM 7M V 59W ML 830 GY LEDV                        |
|   | Light distribution curve type polar | UB LTRN ASYM 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 ASYMMETRIC 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                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854649882 | Shipping box<br>1            | 435 mm x 435 mm x 220 mm             | 5100.00 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.

## 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.

