

PRODUCT DATASHEET

URBAN AREA E 200W 840 IP65 BK

URBAN AREA | Attractive design luminaire with aerial light distribution



Areas of application

- Replacement for luminaires with mercury vapor or metal halide lamps
- Parks
- Neighborhoods
- Public areas
- Area lighting

Product benefits

- Attractive and functional design
- Low flicker light thanks to special electronic control gear
- Energy savings thanks to system efficacy of 120 lm/W
- Bright, robust and durable

Product features

- Protection class: I
- Lifetime (L70/B50): 50,000 h (at 25 °C)
- Available grey and black housing color
- Available with color temperature: 3,000 K, 4,000 K, 6,500 K
- Type of protection: IP65
- Impact resistance: IK07
- 5 years warranty

TECHNICAL DATA

Electrical data

| | |
|---|-----------------------|
| Nominal wattage | 200.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Nominal current | 882.000 mA |
| Inrush current time T_{h50} | 4.24 μ s |
| Max. number of luminaires per miniature circuit breaker B16 | 14 |
| Max. number of luminaires per miniature circuit breaker C10 | 9 |
| Max. number of luminaires per miniature circuit breaker C16 | 14 |
| Power factor λ | > 0.90 |
| Total harmonic distortion | < 20 % |
| Protection class | I |
| Surge capability (L-N) | 4 kV |
| Operating mode | Integrated LED driver |

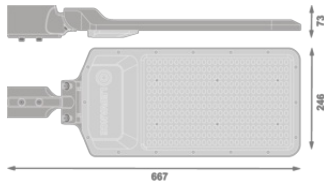
Photometrical data

| | |
|--|----------------------|
| Luminous flux | 24000 lm |
| Luminous efficacy | 120 lm/W |
| Color temperature | 4000 K |
| Light color (designation) | Cool White |
| Color rendering index Ra | 80 |
| Standard deviation of color matching | < 6 sdc _m |
| Low flicker | Yes |
| Photobiological safety group acc. to EN62778 | RG1 |
| Photobiological safety group acc. to EN62471 | RG1 |
| Beam angle | 155° x 80° |

URBAN AREA E 200W

Dimensions & Weight

| | |
|----------------|-----------|
| Length | 667.00 mm |
| Width | 246.00 mm |
| Height | 73.00 mm |
| Product weight | 3342.00 g |



URBAN AREA 200W

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 | 650 °C |

Application & Mounting

| | |
|--|---------------|
| Ambient temperature range | -30...+35 °C |
| Temperature range at storage | -35...+80 °C |
| Type of connection | Cable, 3-pole |
| Type of protection | IP65 |
| Protection class IK (shock resistance) | IK07 |
| Dimmable | No |
| Mounting type | Post top |
| Mounting location | Pole |
| Application environment | Outdoor |
| Adjustable | Yes |
| With light source | Yes |

Lifespan

| | |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C | 50000 h ¹⁾ |
| Number of switching cycles | 50000 |

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 | 700 mA |
| ECG - Output ripple current | < 5 % |



Certificates & Standards

| | |
|-----------|-------------------------------------|
| Standards | CE / LVD / EMC / ROHS / REACH / ERP |
|-----------|-------------------------------------|

| | |
|--|-----------------|
| Luminaire with limited surface temperature, "D sign" | No |
| Ball shot safe | No |
| Replaceable light source (EPREL) | Not replaceable |

DOWNLOAD DATA

| Documents and certificates | | Document name |
|--|--|---------------------------|
|  | User instruction / safety instructions | URBAN AREA E |
|  | Addon technical information | LISO insert URBAN AREA E |
|  | Legal information | Legal insert URBAN AREA E |

| Photometric and lighting design files | | Document name |
|--|-------------------------------------|---|
|  | Light distribution curve type polar | URBAN AREA E 200W |
|  | Spectral power distribution | LISO spectral power distribution 4000K CRI80 v1 |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854362057 | Shipping box 1 | 697 mm x 302 mm x 149 mm | 3942.00 g | 31.36 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.

DISCLAIMER

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