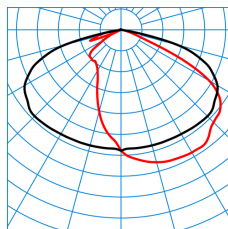
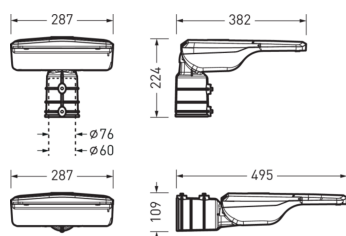


2370 AB21L/18/42/75/ML-730 ET 26

TOC: 8260540



Product description

Luminaire type

Outdoor post-top luminaire for post-top and bracket-mounting, adjustable inclination angle.

Applications

Car parks, Paths, Access areas, Stairways, Works roads, Cycle paths

Mounting methods

Post-top and bracket-mounted on or to post spigot Ø 60 mm or Ø 76 mm. Inclination angle adjustable in 5 steps by +/- 10 ° scaled. Also suitable for mounting to masts with spigot Ø 42 mm via reduction pieces to be ordered separately.

Optical system

Optical systems consists of PMMA lens optics. Cover of light emission aperture of clear non-laminated safety glass. With asymmetric wide light distribution.

LED system

Luminaire luminous flux adjustable in 3 levels. Luminaire luminous flux 1800 lm - 7500 lm, connected load 13 W - 60 W, Power Faktor $\lambda > 0,95$, maximum luminous efficiency of luminaire 138 lm/W. Light colour warm white, correlated colour temperature (CCT) 3000 K, general colour rendering index (CRI) $R_a > 70$. Colour locus tolerance (initial MacAdam) ≤ 5 SDCM. Mean rated service life L80(t_a 25 °C) = 75,000 h.

Luminaire body

Luminaire body of aluminium Surface anthracite coated (DB 703). Safety class (EN 61140): II, protection rating (DIN EN 60529): IP66, impact resistance level in accordance with IEC 62262: IK08. Mast available upon request. Windage area f_w 0,110 m². Weight: 4,5 kg.

Electrical version

With electronic transformer, switchable. The control gear unit is replaceable in accordance with the ecodesign requirements (VO (EU) 2019/2020). Surge voltage resistance Differential Mode / Common Mode: 6 kV / 10 kV. The luminaire complies with the fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol.

Planning information:

The luminaire is compliant to the requirements of EN 60598 and is designed for the effects of wind compliant to EN 1991 (Eurocode) with basic wind velocity of up to 30m/s (corresponding to wind zone 4 in Germany) in terrain category 1. A snow load (up to 1kN/m²) and icing (up to 2 cm) at a mounting height in accordance with the mounting instructions are taken into account. Not considered are exposed locations (e.g. bridges, installation on buildings or directly adjacent to railway tracks). Impact loads are not considered.

Product features and key data

| | | |
|----------------------------|---|----------|
| Luminaire type | Outdoor post-top luminaire for post-top and bracket-mounting, adjustable inclination angle. | |
| Mounting method | Outdoor bracket-mounted Post-top outdoor | |
| Luminaire optic | Optical systems consists of PMMA lens optics. | |
| Light Engine | Level 1 | Level 3 |
| Colour temperature | 3000 K | 3000 K |
| Rated luminous flux | 1800 lm | 7500 lm |
| Connected load | 13,00 W | 60,00 W |
| Luminous efficacy | 138 lm/W | 125 lm/W |

| Product features and key data | |
|---|--|
| Service life | L80 (25 °C) = 75.000 h |
| Colour rendering index | 70 |
| Colour tolerance | 5 SDCM |
| Photobiological class | Group 2 - no risk |
| Luminaire colour | DB703 micaceous iron oxide |
| Luminaire body | Luminaire body of aluminium |
| Electrical version | With electronic transformer, switchable. |
| Surge voltage resistance (differential) | 6 kV |
| Surge voltage resistance (common mode) | 10 kV |
| Connection method | Plug-in terminal |
| Mains frequency | 50/60 Hz |
| Mains voltage | 220 - 240 V |
| Total harmonic distortion < % | 10 % |
| Ingress Protection (IP) rating | IP66 |
| Protection class | II |
| Impact resistance (IK) | IK08 |
| Hot wire resistance | 650 °C |
| Ambient temperature | 25 °C |
| Max. Luminaires B10 | 5 |
| Max. Luminaires B16 | 9 |
| Max. Luminaires C10 | 10 |
| Max. Luminaires C16 | 16 |
| Net length | 495 mm |
| Net width | 390 mm |
| Net height | 116 mm |
| Weight | 4,5 kg |

| Available accessories | |
|-----------------------|-------------|
| Material | Description |
| 8434400 | |

| Light Engine Data | | | | |
|-------------------|-------------------|---------------------|------------------------|-------------------|
| Light Engine | Color temperature | Rated light current | Power supply value Typ | Luminous efficacy |
| Level 1 | 3000 K | 1800 lm | 13,00 W | 138 lm/W |
| Level 2 | 3000 K | 4200 lm | 34,00 W | 124 lm/W |
| Level 3 | 3000 K | 7500 lm | 60,00 W | 125 lm/W |

EPREL - European Product Registry for Energy Labelling

Energy Efficiency Class

Model identifier

E

2370 AB21L/18/42/75/ML-730 ET 26

For more sustainability in day-to-day business

New
packing

CO₂ OPTIMISED

NO PLASTIC



ONLY ONE MATERIAL



100% RECYCLABLE

www.trilux-twenty3.com/eco