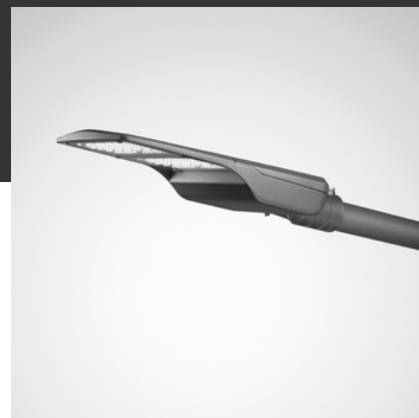
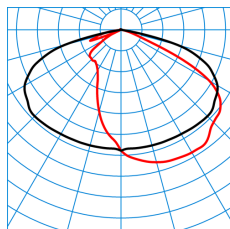
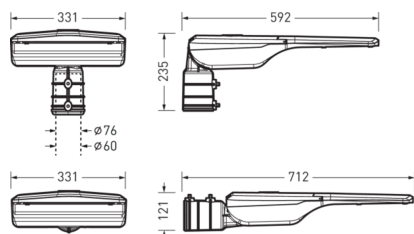


2370 AB21L/100/150/200/ML-740 ET 26

TOC: 8260840



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 \varnothing 60 mm or \varnothing 76 mm. Inclination angle adjustable in 5 steps by $\pm 10^\circ$ scaled. Also suitable for mounting to masts with spigot \varnothing 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 10000 lm - 20000 lm, connected load 73 W - 165 W, Power Faktor $\lambda > 0,95$, maximum luminous efficiency of luminaire 137 lm/W. Light colour neutral white, correlated colour temperature (CCT) 4000 K, general colour rendering index (CRI) $R_a > 70$. Colour locus tolerance (initial MacAdam) ≤ 5 SDCM. Mean rated service life $L80(t_q 25^\circ C) = 75,000$ 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 $f_w 0,200$ m². Weight: 8,1 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	4000 K	4000 K
Rated luminous flux	10000 lm	20000 lm
Connected load	73,00 W	165,00 W
Luminous efficacy	137 lm/W	121 lm/W
Service life	L80 (25 °C) = 75.000 h	
Colour rendering index	70	

Product features and key data

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)	5 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	4
Max. Luminaires B16	7
Max. Luminaires C10	8
Max. Luminaires C16	13
Net length	705 mm
Net width	335 mm
Net height	116 mm
Weight	8,1 kg

Available accessories

Material	Description
8434400	

Light Engine Data

Light Engine	Color temperature	Rated light current	Power supply value Typ	Luminous efficacy
Level 1	4000 K	10000 lm	73,00 W	137 lm/W
Level 2	4000 K	15000 lm	113,00 W	133 lm/W
Level 3	4000 K	20000 lm	165,00 W	121 lm/W

EPREL - European Product Registry for Energy Labelling

Energy Efficiency Class

Model identifier

E

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