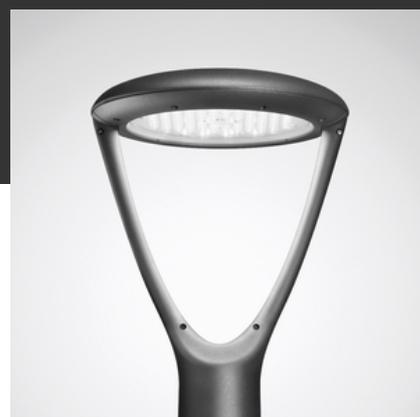
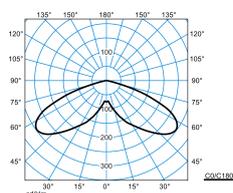
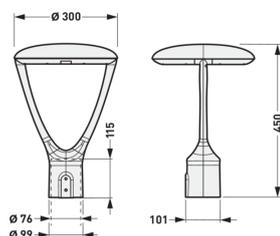


2375 RB7L/32/50-7MC 1G1W ET

TOC: 8425840



Product description

Luminaire type

Decorative post-top luminaire.

Applications

For outdoor lighting such as Residential roads, Traffic roads, Car parks, For pedestrian crossings., Arcades, Paths in parks and green areas.

Mounting methods

For mounting as a post-top luminaire. Suitable for post spigot size \varnothing 76 mm, \varnothing 60 mm or \varnothing 42 mm. A reducer for mast spigot size \varnothing 60 mm is included in the scope of supply. The reducer for mast spigot size \varnothing 42 mm can be purchased separately as an accessory.

Optical system

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

LED system

Luminaire luminous flux and light color adjustable in 4 levels (Multilumen, Multicolour). Luminaire luminous flux 3000 lm - 5000 lm, connected load 22 W - 35 W, Power Faktor $\lambda > 0,9$, maximum luminous efficiency of luminaire 145 lm/W. Light colour warm white or neutral white, correlated colour temperature (CCT) 3000 K or 4000 K, general colour rendering index (CRI) $R_a > 70$. Colour locus tolerance (initial MacAdam) ≤ 5 SDCM. Mean rated service life L70 (t_q 25 °C) = 50,000 h.

Luminaire body

Luminaire body of aluminium. Surface coated anthracite (similar to RAL 703). Luminaire diameter \varnothing 300 mm, Luminaire height . Mast available upon request. Safety class (EN 61140): II, protection rating (DIN EN 60529): IP66, impact resistance level in accordance with IEC 62262: IK08. Permissible ambient temperature (t_a): -35 °C to 40 °C. Windage area f_w . Weight: 4,4 kg.

Electrical version

With electronic control gear unit, switchable. Surge voltage resistance Differential Mode / Common Mode: / . The luminaire complies with the fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol. The luminaire is also ENEC-certified by an independent testing authority.

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

Applications	Arcades Paths in parks and green areas Pedestrian crossings Parking lots Traffic roundabouts Crossroads Residential roads Footpaths Paths Parks	
Luminaire type	Decorative post-top luminaire.	
Mounting method	Mounting bracket	
Luminaire optic	Optical systems consists of PMMA lens optics.	
Light distribution curve	rotationally sym. wide (RB)	
FWHM	139,60 °	
Light Engine	Level 1	Level 4
Colour temperature	3000 K	4000 K

Product features and key data

Rated luminous flux	3000 lm	5000 lm
Connected load	22,00 W	35,00 W
Luminous efficacy	136 lm/W	143 lm/W
Rated service life	L70 (25 °C) = 50.000 h	
Colour rendering index	70	
Colour tolerance	5 SDCM	
Photobiological class	Group 0 - no risk	
Luminaire colour	DB703 micaceous iron oxide	
Luminaire body	Luminaire body of aluminium.	
Electrical version	With electronic control gear unit, switchable.	
Connection method	Connection cable	
Mains voltage	220 - 240 V	
Mains frequency	50/60 Hz	
Total harmonic distortion < %	10 %	
Ingress Protection (IP) rating	IP66	
Protection class	II	
Impact resistance (IK)	IK08	
Hot wire resistance	650 °C	
Ambient temperature	-35 - 40 °C	
Net length	450 mm	
Outside diameter	300 mm	
Weight	4,4 kg	

Available accessories

Material	Description
6818500	Rear shielding for MLT IQ lens systems.
9828300	Reduction piece of stainless steel. For post luminaires of the series 2375. For adaptation to posts with post spigot Ø 42 mm.
8508900	Rear shielding for MLT IQ lens systems.

Light Engine Data

Light Engine	Color temperature	Rated light current	Power supply value Typ	Luminous efficacy
Level 1	3000 K	3000 lm	22,00 W	136 lm/W
Level 3	3000 K	4800 lm	35,00 W	137 lm/W
Level 2	4000 K	3200 lm	22,00 W	145 lm/W
Level 4	4000 K	5000 lm	35,00 W	143 lm/W

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