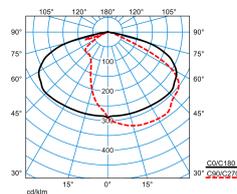
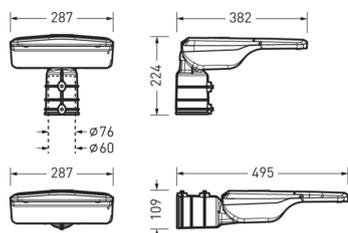


# 2370 AB21L/18/42/75/ML-740 ET 26

TOC: 8260640



## 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 (Multilumen). Luminaire luminous flux 1800 lm - 7500 lm, connected load 13 W - 60 W, Power Factor  $\lambda > 0,95$ , maximum luminous efficiency of luminaire 138 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)  $\leq 5$  SDCM. Mean rated service life L80 ( $t_q$  25 °C) = 75,000 h.

### Luminaire body

Luminaire body of aluminium Surface coated anthracite (similar to RAL 703). 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 ( $t_a$ ): 25 °C Windage area  $f_w$  0,110 m<sup>2</sup>. 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/m<sup>2</sup>) 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

<b>Luminaire type</b>	Outdoor post-top luminaire for post-top and bracket-mounting, adjustable inclination angle.	
<b>Mounting method</b>	Mastansatz Mounting bracket	
<b>Luminaire optic</b>	Optical systems consists of PMMA lens optics.	
<b>Light distribution curve</b>	asymmetric wide (AB)	
<b>FWHM</b>	149 °	
<b>Light Engine</b>	Level 1	Level 3
<b>Colour temperature</b>	4000 K	4000 K
<b>Rated luminous flux</b>	1800 lm	7500 lm
<b>Connected load</b>	13,00 W	60,00 W

## Product features and key data

Luminous efficacy	138 lm/W	125 lm/W
Rated 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 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	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
6818500	Rear shielding for MLT IQ lens systems.
8434400	
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	4000 K	1800 lm	13,00 W	138 lm/W
Level 2	4000 K	4200 lm	34,00 W	124 lm/W

## Light Engine Data

Light Engine	Color temperature	Rated light current	Power supply value Type	Luminous efficacy
Level 3	4000 K	7500 lm	60,00 W	125 lm/W

## EPREL - European Product Registry for Energy Labelling

Energy Efficiency Class	Model identifier
E	20104444100

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