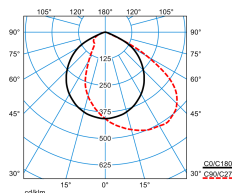
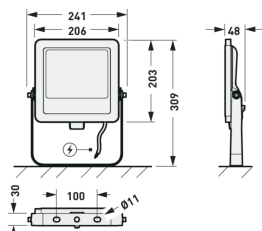


2390 G2 AM9L 20/30/50/ML-8MC 1G1W ET

TOC: 8420740



Product description

Luminaire type

LED floodlight for planar lighting and accent lighting.

Light management

A motion sensor/brightness sensor can be combined with the spotlight as an optional accessory without tools.

Mounting methods

Pivotable fixing bracket for suspended and vertical mounting.

Optical system

Optical system consists of a PC lens optic. Cover of light emission aperture of clear non-laminated safety glass. With asymmetric medium wide light distribution.

LED system

Luminaire luminous flux and light color adjustable in 6 levels (Multilumen, Multicolour). Luminaire luminous flux 2000 lm - 5000 lm, connected load 14 W - 40 W, Power Faktor $\lambda > 0,95$, maximum luminous efficiency of luminaire 143 lm/W. Light colour warm white or neutral white, correlated colour temperature (CCT) 3000 K or 4000 K, general colour rendering index (CRI) $R_a > 80$. Colour locus tolerance (initial MacAdam) ≤ 5 SDCM. Mean rated service life $L_{70} (t_q 25^\circ\text{C}) = 50,000$ h. The light source is replaceable according to the ecodesign requirements (VO (EU) 2019/2020).

Luminaire body

Spotlight body of die-cast aluminium. Surface coated black (similar to RAL 9005). Dimensions (L x W): 309 mm x 241 mm, luminaire height 48 mm. Safety class (EN 61140): I, protection rating (DIN EN 60529): IP65, impact resistance level in accordance with IEC 62262: IK08. Permissible ambient temperature (t_a): 50°C . Weight: 1,5 kg.

Electrical version

With electronic control gear unit, switchable. The control gear unit is replaceable in accordance with the ecodesign requirements (VO (EU) 2019/2020). The luminaire complies with the fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol.

Product features and key data

Luminaire type	LED floodlight for planar lighting and accent lighting.	
Mounting method	Mastanbau Directional mounting Surface-mounting	
Luminaire optic	Optical system consists of a PC lens optic.	
Light distribution curve	asymmetric medium wide (AM)	
FWHM	80 °	
Light Engine	Level 1	Level 6
Colour temperature	3000 K	4000 K
Rated luminous flux	2000 lm	5000 lm
Connected load	14,00 W	40,00 W
Luminous efficacy	143 lm/W	125 lm/W
Rated service life	$L_{70} (25^\circ\text{C}) = 50.000$ h	
Colour rendering index	80	
Colour tolerance	5 SDCM	
Photobiological class	Group 1 - no risk	

Product features and key data

Luminaire colour	RAL9005 Jet black
Luminaire body	Spotlight body of die-cast aluminium.
Electrical version	With electronic control gear unit, switchable.
Surge voltage resistance (differential mode)	6 kV
Surge voltage resistance (common mode)	6 kV
Connection method	Connection cable
Mains voltage	220 - 240 V
Mains frequency	50/60 Hz
Total harmonic distortion < %	10 %
Ingress Protection (IP) rating	IP65
Protection class	I
Impact resistance (IK)	IK08
Hot wire resistance	650 °C
Ambient temperature	50 °C
Max. Luminaires B10	32
Max. Luminaires B16	50
Max. Luminaires C10	52
Max. Luminaires C16	85
Net length	309 mm
Net width	241 mm
Net height	48 mm
Weight	1,5 kg

Light Engine Data

Light Engine	Color temperature	Rated light current	Power supply value Typ	Luminous efficacy
Level 1	3000 K	2000 lm	14,00 W	143 lm/W
Level 2	3000 K	3000 lm	22,00 W	136 lm/W
Level 3	3000 K	5000 lm	40,00 W	125 lm/W
Level 4	4000 K	2000 lm	14,00 W	143 lm/W
Level 5	4000 K	3000 lm	22,00 W	136 lm/W
Level 6	4000 K	5000 lm	40,00 W	125 lm/W

EPREL - European Product Registry for Energy Labelling

Energy Efficiency Class	Model identifier
D	MFLA-L20.6-37W G1

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