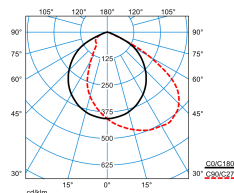
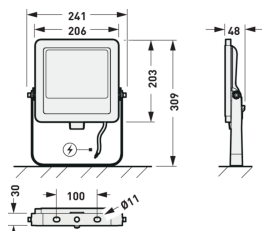


2390 G2 AM9L 20/30/50/ML-8MC 1G1W ET

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. Rated service life L70/B50 ($t_q 25^\circ\text{C}$) = 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): 306 mm x 230 mm, luminaire height 40 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 | L70 (25 °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 | 306 mm |
| Net width | 230 mm |
| Net height | 40 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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