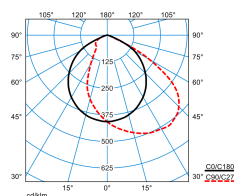
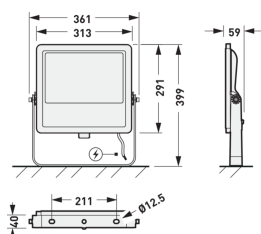


# 2390 G2 AM9L 80/100/150/ML-8MC 1G1W ET

TOC: 8420840



## 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 adjustable in 3 steps, light color adjustable in 2 steps. Luminaire luminous flux 8000 lm - 15000 lm, connected load 56 W - 120 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)  $\leq 5$  SDCM. 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): 391 mm x 344 mm, luminaire height 51 mm. Safety class (EN 61140): I, protection rating (DIN EN 60529): IP65, impact resistance level in accordance with IEC 62262: IK08. Weight: 4,2 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

|                                 |   |          |
|---------------------------------|---|----------|
| <b>Luminaire type</b>           | LED floodlight for planar lighting and accent lighting. |          |
| <b>Mounting method</b>          | Mastanbau Directional mounting Surface-mounting         |          |
| <b>Luminaire optic</b>          | Optical system consists of a PC lens optic.             |          |
| <b>Light distribution curve</b> | asymmetric medium wide (AM)                             |          |
| <b>FWHM</b>                     | 80 °  |          |
| <b>Light Engine</b>             | Level 1   | Level 6  |
| <b>Colour temperature</b>       | 3000 K  | 4000 K   |
| <b>Rated luminous flux</b>      | 8000 lm   | 15000 lm |
| <b>Connected load</b>           | 56,00 W   | 120,00 W |
| <b>Luminous efficacy</b>        | 143 lm/W  | 125 lm/W |
| <b>Colour rendering index</b>   | 80  |          |
| <b>Colour tolerance</b>         | 5 SDCM  |          |
| <b>Photobiological class</b>    | Group 1 - no risk                                       |          |
| <b>Luminaire colour</b>         | RAL9005 Jet black                                       |          |

## Product features and key data

|   |  |
|---|--|
| Luminaire body                          | Spotlight body of die-cast aluminium.          |
| Electrical version                      | With electronic control gear unit, switchable. |
| Surge voltage resistance (differential) | 5 kV   |
| Surge voltage resistance (common mode)  | 8 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                     | 10   |
| Max. Luminaires B16                     | 17   |
| Max. Luminaires C10                     | 17   |
| Max. Luminaires C16                     | 28   |
| Net length                              | 391 mm   |
| Net width                               | 344 mm   |
| Net height                              | 51 mm  |
| Weight                                  | 4,2 kg   |

## Light Engine Data

| Light Engine | Color temperature | Rated light current | Power supply value Typ | Luminous efficacy |
|--------------|-------------------|---------------------|------------------------|-------------------|
| Level 1      | 3000 K            | 8000 lm             | 56,00 W                | 143 lm/W          |
| Level 2      | 3000 K            | 10000 lm            | 73,00 W                | 137 lm/W          |
| Level 3      | 3000 K            | 15000 lm            | 120,00 W               | 125 lm/W          |
| Level 4      | 4000 K            | 8000 lm             | 56,00 W                | 143 lm/W          |
| Level 5      | 4000 K            | 10000 lm            | 73,00 W                | 137 lm/W          |
| Level 6      | 4000 K            | 15000 lm            | 120,00 W               | 125 lm/W          |

## EPREL - European Product Registry for Energy Labelling

| Energy Efficiency Class | Model identifier   |
|-------------------------|--------------------|
| D                       | MFLA-L31.3-107W G1 |

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