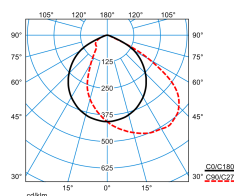
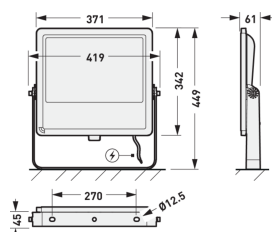


# 2390 G2 AM9L 150/200/250/ML-8MC 1G1W ET

TOC: 8420940



## 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

Pivotal 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 15000 lm - 25000 lm, connected load 90 W - 160 W, Power Factor  $\lambda > 0,95$ , maximum luminous efficiency of luminaire 167 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): 444 mm x 402 mm, luminaire height 56 mm. Safety class (EN 61140): I, protection rating (DIN EN 60529): IP65, impact resistance level in accordance with IEC 62262: IK08. Weight: 5,7 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>	15000 lm	25000 lm
<b>Connected load</b>	90,00 W	160,00 W
<b>Luminous efficacy</b>	167 lm/W	156 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	8
Max. Luminaires B16	12
Max. Luminaires C10	13
Max. Luminaires C16	20
Net length	444 mm
Net width	402 mm
Net height	56 mm
Weight	5,7 kg

## Light Engine Data

Light Engine	Color temperature	Rated light current	Power supply value Typ	Luminous efficacy
Level 1	3000 K	15000 lm	90,00 W	167 lm/W
Level 2	3000 K	20000 lm	126,00 W	159 lm/W
Level 3	3000 K	25000 lm	160,00 W	156 lm/W
Level 4	4000 K	15000 lm	90,00 W	167 lm/W
Level 5	4000 K	20000 lm	126,00 W	159 lm/W
Level 6	4000 K	25000 lm	160,00 W	156 lm/W

## EPREL - European Product Registry for Energy Labelling

Energy Efficiency Class	Model identifier
D	MFLA-L37.1-156W G1

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