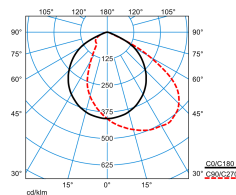
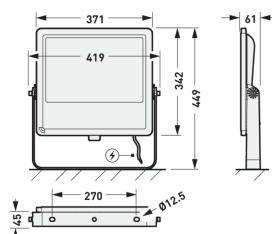


# 2390 G2 AM9L 150/200/250/ML-8MC 1G1W ET

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

Pivotable fixing bracket for suspended and vertical mounting. Recommended installation height for post installation: ca. 12 - 14 m.

### 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 fixed. Luminaire luminous flux 20000 lm - 20000 lm, connected load 180 W - 180 W, Power Faktor  $\lambda > 0,9$ , maximum luminous efficiency of luminaire 111 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.

### Luminaire body

Spotlight body of die-cast aluminium. Dimensions (L x W): 444 mm x 402 mm, luminaire height 56 mm. Permissible ambient temperature (ta): 50 °C. Weight: 5,7 kg.

### Electrical connection

The luminaire is connected without opening the luminaire body by means of the connection cable routed to the outside (800 mm).

### Electrical version

With electronic transformer, switchable. The luminaire complies with the fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol.

Disassembly instructions (PDF) for the product available at: <https://www.trilux.com/EcoDesign>

## 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>Rated service life</b>	L70 (25 °C) = 50.000 h	
<b>Colour rendering index</b>	80	

## Product features and key data

Colour tolerance	5 SDCM
Photobiological class	Group 1 - no risk
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)	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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