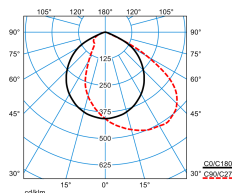
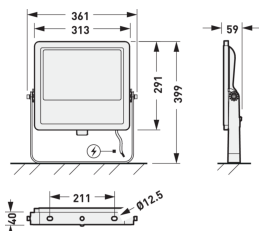


2390 G2 AM9L 80/100/150/ML-8MC 1G1W ET

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. Recommended installation height for post installation: ca. 8 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 10000 lm - 10000 lm, connected load 90 W - 90 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) ≤ 5 SDCM. Mean rated service life L80 ($t_a 25^\circ\text{C}$) = 35,000 h.

Luminaire body

Spotlight body of die-cast aluminium. Dimensions (L x W): 399 mm x 361 mm, luminaire height 59 mm. Permissible ambient temperature (t_a): 50°C . Weight: 4,2 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

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	8000 lm	15000 lm
Connected load	56,00 W	120,00 W
Luminous efficacy	143 lm/W	125 lm/W
Rated service life	L70 (25 °C) = 50.000 h	
Colour rendering index	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	10
Max. Luminaires B16	17
Max. Luminaires C10	17
Max. Luminaires C16	28
Net length	399 mm
Net width	361 mm
Net height	59 mm
Weight	4,2 kg

Light Engine Data

Light Engine	Color temperature	Rated light current	Power supply value Type	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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