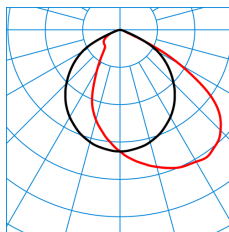
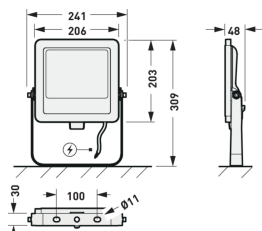


# 2390 G2 AM9L 20/30/50/ML-8MC 1G1W ET

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 adjustable in 3 steps, light color adjustable in 2 steps. 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)  $\leq 5$  SDCM. Mean rated service life  $L_{80} (t_{q, 25^\circ C}) = 50,000$  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 (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. 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

<b>Luminaire type</b>	LED floodlight for planar lighting and accent lighting.	
<b>Mounting method</b>	Outdoor mast-mounted Outdoor directional mounting Surface-mounting	
<b>Luminaire optic</b>	Optical system consists of a PC lens optic.	
<b>Light Engine</b>	Level 1	Level 6
<b>Colour temperature</b>	3000 K	4000 K
<b>Rated luminous flux</b>	2000 lm	5000 lm
<b>Connected load</b>	14,00 W	40,00 W
<b>Luminous efficacy</b>	143 lm/W	125 lm/W
<b>Service life</b>	L80 (25 °C) = 50.000 h	
<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	
<b>Luminaire body</b>	Spotlight body of die-cast aluminium.	

## Product features and key data

Electrical version	With electronic control gear unit, switchable.
Surge voltage resistance (differential)	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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