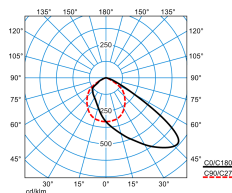
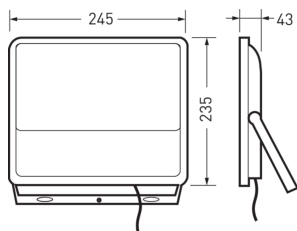


2390 AM9R/10000-740 1G1W ET

TOC: 7630940



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): 235 mm x 245 mm, luminaire height 43 mm. Permissible ambient temperature (t_a): 50°C . Weight: 3,0 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. The luminaire is also ENEC-certified by an independent testing authority.

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	51,60 °
Light Engine	standard product
Colour temperature	4000 K
Rated luminous flux	10000 lm
Connected load	90,00 W
Luminous efficacy	111 lm/W
Rated service life	L80 (25 °C) = 35.000 h
Colour rendering index	70

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 transformer, switchable.
Surge voltage resistance (differential)	1 kV
Surge voltage resistance (common mode)	2 kV
Mains voltage	220 - 240 V
Mains frequency	50/60 Hz
Total harmonic distortion < %	20 %
Ingress Protection (IP) rating	IP65
Protection class	I
Impact resistance (IK)	IK08
Hot wire resistance	650 °C
Ambient temperature	50 °C
Max. Luminaires B10	12
Max. Luminaires B16	20
Max. Luminaires C10	13
Max. Luminaires C16	21
Net length	235 mm
Net width	245 mm
Net height	43 mm
Weight	3,0 kg

Available accessories

Material	Description
7641200	With integrated HF motion sensor. A motion sensor/brightness sensor can be combined with the spotlight as an optional accessory without tools.

EPREL - European Product Registry for Energy Labelling

Energy Efficiency Class	Model identifier
E	2390 AM9R/10000-740 1G1W ET

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