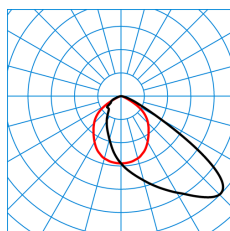
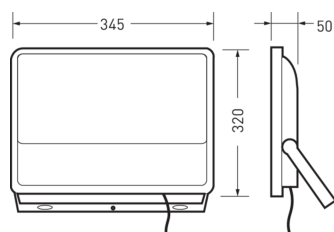


2390 AM9R/20000-740 1G1W ET

TOC: 7631140



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 asymmetrical medium-wide light intensity distribution.

LED system

Luminaire luminous flux 20000 lm, connected load 180,00 W, Power Faktor $\lambda > 0,9$, 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 $L_{65} (t_q 25^\circ\text{C}) = 50,000$ h.

Luminaire body

Spotlight body of die-cast aluminium. Colour black, similar to RAL 9005, highly weather resistant, powder-coated. (RAL 9005). Dimensions (L x W): 320 mm x 345 mm, luminaire height 50 mm. Safety class (EN 61140): I, protection rating (DIN EN 60529): IP65, impact resistance level in accordance with IEC 62262: IK08. Windage area f_w . Weight: 5,2 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. 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 | Outdoor mast-mounted Outdoor directional mounting Surface-mounting |
| Luminaire optic | Optical system consists of a PC lens optic. |
| Connected load | 180 W |
| Power factor | 0,90 |
| Colour temperature | 4.000 K |
| Rated luminous flux | 20.000 lm |
| Luminous efficacy | 111 lm/W |
| Interchangeability lightsource | No - Protection against intrus |
| Service life | L65 (25 °C) = 50.000 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 frequency | 50/60 Hz |
| Mains voltage | 220 - 240 V |
| 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 | 6 |
| Max. Luminaires B16 | 10 |
| Max. Luminaires C10 | 6 |
| Max. Luminaires C16 | 10 |
| Net length | 320 mm |
| Net width | 345 mm |
| Net height | 50 mm |
| Weight | 5,2 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. |

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