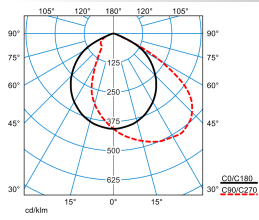

Product features and key data

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	standard product
Colour temperature	4000 K
Rated luminous flux	20000 lm
Connected load	126,00 W
Luminous efficacy	159 lm/W
Rated service life	L80 (25 °C) = 35.000 h
Colour rendering index	80
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)	1 kV
Surge voltage resistance (common mode)	2 kV
Mains voltage	220 - 240 V
Mains frequency	50/60 Hz
Total harmonic distortion < %	20 %
Protection 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

light distribution curve



FL AM9L/20000-840 1G1W ET

DIN 5040: A50
 UTE: 1.00 D
 DLOR: 100 %
 ULOR: 0 %
 CEN Flux Code: 54 88 99 100 100

Offer text

LED floodlight for planar lighting and accent lighting. Pivotal fixing bracket for suspended and vertical mounting. 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. Luminaire luminous flux and light color fixed. Luminaire luminous flux 20000 lm, connected load 126 W, maximum luminous efficiency of luminaire 159 lm/W. Light colour neutral white, correlated colour temperature (CCT) 4000 K, general colour rendering index (CRI) $R_a > 80$. Colour locus tolerance (initial MacAdam) ≤ 5 SDCM. Mean rated service life L80 ($t_q 25^\circ C$) = 35,000 h. Flicker: Pst LM ≤ 1.0 at full load. Stroboscopic effect: SVM ≤ 0.4 at full load. Spotlight body of die-cast aluminium. Luminaire dimensions (L x W x H): 320 mm x 345 mm x 50 mm. Safety class (EN 61140): I, protection rating (DIN EN 60529): IP65, impact resistance level in accordance with IEC 62262: IK08. Permissible ambient temperature (t_a): 50 °C . Weight: 5,2 kg. With electronic control gear unit, 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.