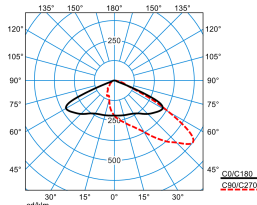


Product features and key data

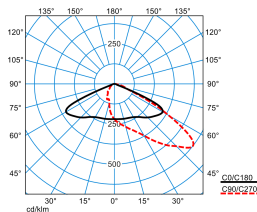
Applications	Building sites Container areas Storage locations Parks Sports fields Tennis courts	
Luminaire type	LED-Floodlight for accent lighting and planar illumination.	
Mounting method	Mounting bracket	
Luminaire optic	With special lens optic particularly designed for wide beam applications.	
Light distribution curve	asymmetric medium wide (AM)	
Light Engine	CLO initial value	CLO end value
Colour temperature	4000 K	4000 K
Rated luminous flux	58500 lm	58500 lm
Connected load	400,00 W	465,00 W
Luminous efficacy	146 lm/W	126 lm/W
Rated service life	L80 (25 °C) = 50.000 h	
Colour rendering index	70	
Colour tolerance	3 SDCM	
Photobiological class	Group 2 - no risk	
Luminaire colour	DB703 micaceous iron oxide	
Luminaire body	Spotlight body of die-cast aluminium. Cover of light emission aperture of non-laminated safety glass.	
Electrical version	With electronic transformer, digitally dimmable (DALI).	
DALI-2-Standard EN 62386	Yes	
Surge voltage resistance (differential mode)	6 kV	
Surge voltage resistance (common mode)	10 kV	
Connection method	Plug-in terminal	
Number of DALI addresses	3	
Dimming range	20 - 100 %	
Monitoring Ready	Yes	
Mains voltage	220 - 240 V	
Mains frequency	50/60 Hz	
Total harmonic distortion < %	10 %	
Ingress Protection (IP) rating	IP66	
Protection class	I	
Impact resistance (IK)	IK06	
Ambient temperature	25 °C	
Net length	470 mm	
Net width	742 mm	
Net height	230 mm	
Weight	18,3 kg	

Light Engine Data

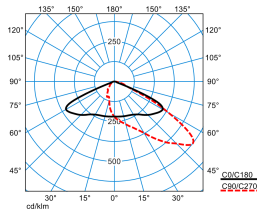
Light Engine	Color temperature	Rated light current	Power supply value Type	Luminous efficacy
CLO initial value	4000 K	58500 lm	400,00 W	146 lm/W
CLO end value	4000 K	58500 lm	465,00 W	126 lm/W

light distribution curve

LnFit 70-AM11L/58500-740 1G1L ETDD (CLO initial value)

DIN 5040: A30
 UTE: 1.00 H
 DLOR: 100 %
 ULOR: 0 %
 CEN Flux Code: 34 78 99 100 100



LnFit 70-AM11L/58500-740 1G1L ETDD

DIN 5040: A30
 UTE: 1.00 H
 DLOR: 100 %
 ULOR: 0 %
 CEN Flux Code: 34 78 99 100 100


LnFit 70-AM11L/58500-740 1G1L ETDD (CLO end value)

DIN 5040: A30
 UTE: 1.00 H
 DLOR: 100 %
 ULOR: 0 %
 CEN Flux Code: 34 78 99 100 100

Available accessories

Material	Description
0805 Traverse S2 1/89 7316600	Cross-arm for mounting one LED projector (Lumena Fit 70/80/90).
0805 Traverse S2 1/108 7316700	Cross-arm for mounting one LED projector (Lumena Fit 70/80/90).
0805 Traverse S2 2/108 7316800	Cross-arm for mounting two LED projectors (Lumena Fit 70/80/90).
0805 Traverse S2 2/133 7316900	Cross-arm for mounting two LED projectors (Lumena Fit 70/80/90).
 0805 WB-LnFit 70/80 26 7513600	Wall mounting: steel tube, galvanised.

Offer text

LED-Floodlight for accent lighting and planar illumination. For post-top mounting. Swivel range 0°, 5°, 10, 15°. For fixing the luminaire to single or multiple-configuration masts, this application must be supplemented with separately ordered accessories (cross-arms). With special lens optic particularly designed for wide beam applications. With asymmetric medium wide light distribution. Luminaire luminous flux and light color fixed, with luminous flux stabilization at end of life (CLO). Luminaire luminous flux 58500 lm, connected load 400 W, maximum luminous efficiency of luminaire 146 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) ≤ 3 SDCM. Mean rated service life L80 ($t_{q 25^\circ C}$) = 50,000 h. Spotlight body of die-cast aluminium. Cover of light emission aperture of non-laminated safety glass. Surface coated anthracite (similar to RAL 703). Safety class (EN 61140): I, protection rating (DIN EN 60529): IP66, impact resistance level in accordance with IEC 62262: IK06. Permissible ambient temperature (t_a): 25 °C Windage area f_w 0,266 m². Weight: 18,3 kg. With electronic transformer, digitally dimmable (DALI). Control gear unit according to DALI-2 standard (EN 62386). The control gear unit is replaceable in accordance with the ecodesign requirements (VO (EU) 2019/2020). Surge voltage resistance Differential Mode / Common Mode: 6 kV / 10 kV. 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.

Planning information:

The luminaire is compliant to the requirements of EN 60598 and is designed for the effects of wind compliant to EN 1991 (Eurocode) with basic wind velocity of up to 30m/s (corresponding to wind zone 4 in Germany) in terrain category 1. A snow load (up to 1kN/m²) and icing (up to 2 cm) at a mounting height in accordance with the mounting instructions are taken into account. Not considered are exposed locations (e.g. bridges, installation on buildings or directly adjacent to railway tracks). Impact loads are not considered.

Disassembly instructions (PDF) for the product available at: <https://www.trilux.com/EcoDesign>

EPREL - European Product Registry for Energy Labelling

Energy Efficiency Class	Model identifier
E	FK-TX150W-50W 4000K