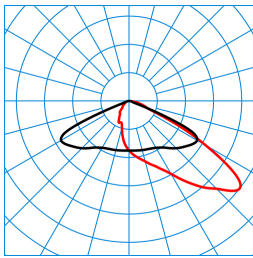
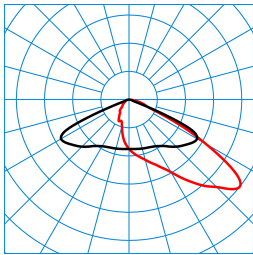


Product features and key data

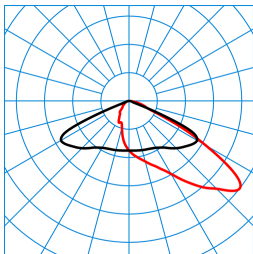
Applications	Building sites Container areas Storage locations Parks Sports fields Tennis courts	
Luminaire type	LED-Floodlight for accent lighting and planar illumination.	
Mounting method	Post-top outdoor	
Luminaire optic	With special lens optic particularly designed for wide beam applications.	
LED-System	CLO initial value	CLO end value
Connected load	266 W	310 W
Power factor	0,95	
Colour temperature	4.000 K	4.000 K
Rated luminous flux	39.000 lm	39.000 lm
Luminous efficacy	146 lm/W	125 lm/W
Service life	L80 (25 °C) = 100.000 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	
Dimming range	20 - 100 %	
Monitoring Ready	On request	
Mains frequency	50/60 Hz	
Mains voltage	220 - 240 V	
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	532 mm	
Net height	230 mm	
Weight	13,3 kg	

light distribution curve


LnFit 50-AM11L/39000-740 1G1L TX084244
 ■ C0 - C180
 ■ C90 - C270
 DIN 5040: A30
 UTE: 1,00 H
 DLOR: 100 %
 ULOR: 0 %
 CEN Flux Code: 34 78 99 100 100




LnFit 50-AM11L/39000-740 1G1L ETDD (CLO end value) TX199571
 ■ C0 - C180
 ■ C90 - C270
 DIN 5040: A30
 UTE: 1,00 H
 DLOR: 100 %
 ULOR: 0 %
 CEN Flux Code: 34 78 99 100 100



LnFit 50-AM11L/39000-740 1G1L ETDD (CLO initial value) TX199570
 ■ C0 - C180
 ■ C90 - C270
 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 S1 1/76 7316200	Cross-arm for one floodlight (Lumena Fit 30/50, Lumena Star 40/70). Post spigot 76 mm.
0805 Traverse S1 1/89 7316300	Cross-arm for one floodlight (Lumena Fit 30/50, Lumena Star 40/70). Post spigot 89 mm.
0805 Traverse S1 2/89 7316400	Cross-arm for two floodlights (Lumena Fit 30/50, Lumena Star 40/70). Post spigot 89 mm.
0805 Traverse S1 2/108 7316500	Cross-arm for two floodlights (Lumena Fit 30/50, Lumena Star 40/70). Post spigot 108 mm.
 0805 WB-LnFit 30/50 26 7513400	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 asymmetrical wide light intensity distribution. Luminaire luminous flux and light color fixed, with luminous flux stabilization at end of life (CLO). Luminaire luminous flux 39000 lm, connected load 266,00 W, maximum luminous efficiency of luminaire 147 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 L_{80} ($t_q 25^\circ\text{C}$) = 100,000 h. Spotlight body of die-cast aluminium. Cover of light emission aperture of non-laminated safety glass. Colour of luminaire housing anthracite, similar to DB 703, powder-coated. (DB 703). Safety class (EN 61140): I, protection rating (DIN EN 60529): IP66, impact resistance level in accordance with IEC 62262: IK06. Windage area $f_w 0,178 \text{ m}^2$. Weight: 13,3 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/m^2) 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