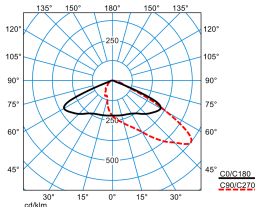

**Product features and key data**

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

**Light Engine Data**

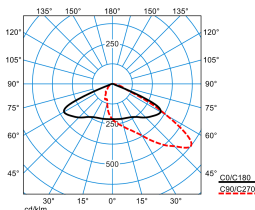
Light Engine	Color temperature	Rated light current	Power supply value Type	Luminous efficacy
CLO initial value	4000 K	58500 lm	400,00 W	146 lm/W
CLO end value	4000 K	58500 lm	465,00 W	126 lm/W

**light distribution curve**



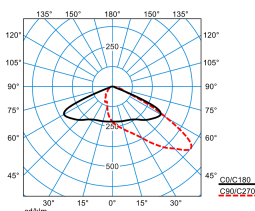
LnFit 70-AM11L/58500-740 1G1L ETDD (CLO initial value)

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

**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)  $\leq 3$  SDCM. Mean rated service life L80 ( $t_{0.25}^C$ ) = 50,000 h. Flicker: Pst LM  $\leq 1.0$  at full load. Spotlight body of die-cast aluminium. Cover of light emission aperture of non-laminated safety glass. Surface coated anthracite (similar to DB 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  $F_w = 0,266 \text{ m}^2$ . 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/m<sup>2</sup>) 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**

This product contains (a) light source(s) of energy efficiency class(es):

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