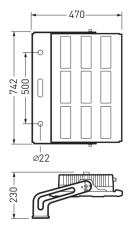
LnFit 70-AM11L/58500-740 1G1L ETDD

TOC: 7218851





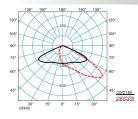


| LED-Floodlight for accent lighting and planar illumination. Mounting method Mounting bracket Luminaire optic With special lens optic particularly designed for wide beam applications. Light distribution curve asymmetric medium wide (AM) Light Engine CLO initial value CLO end value Colour temperature 4000 K 4000 K Rated luminous fftux 58500 Im 58500 Im 58500 Im 58500 Im 58500 Im 68500 Im 68500 Im 68500 Im 68500 Im 68500 Im 68500 Im 7800 K Connected load 400,00 W 485,00 W Luminous efficacy 146 Im/W 126 Im/W Rated service life L80 (25°C) = 50.000 h 7800 Im/W Colour tolerance 3 SDCM 7800 Im 780 | Product features and key data | | | |
|--|--|---|--|--|
| Mounting method Mounting bracket Luminaire optic With special lens optic particularly designed for wide beam applications. Light Engine CLO initial value CLO end value Colour temperature 4000 K 4000 K Rated luminous fliux 58500 Im 58500 Im Connected load 400,00 W 465,00 W Luminous efficacy 148 ImW 126 Im/W Rated service life L80 (25°C) = 50.000 h 1000 Colour rendering index 70 Colour telerance 3 SDCM 3 SDCM 3 SDCM Photobiological class Group 2 - no risk 3 SDCM | Applications | Building sites Container areas Storage locations Parks | Building sites Container areas Storage locations Parks Sports fields Tennis courts | |
| Luminaire optic With special lens optic particularly designed for wide beam applications. Light Engine CLO initial value CLO end value Colour temperature 4000 K 4000 K Rated tuninous flux 58500 Im 58500 Im Connected load 400,00 W 465,00 W Luminous efficacy 146 ImW 126 ImW Rated service life L80 (25°C) = 50,000 h Colour rendering index 70 Colour rendering index 70 Colour rendering index 70 Photobiological class Group 2 - no risk Luminaire colour DB703 micaseous iron oxide Electrical version With electronic transformer, digitally dimmable (DALI). DAL1-2-Standard EN 62386 Yes Surge voltage resistance (differential mode) 6 kV Surge voltage resistance (differential mode) 6 kV Donnection method Plug-in terminal Number of DALI addresses 3 Monitoring Ready Yes <th< th=""><th>Luminaire type</th><th colspan="2">LED-Floodlight for accent lighting and planar illumination.</th></th<> | Luminaire type | LED-Floodlight for accent lighting and planar illumination. | | |
| Light distribution curve asymmetric medium wide (AM) Light Engine CLO initial value CLO end value Colour temperature 4000 K 40 Rated luminous flux 58500 Im 58500 Im Connected load 400,00 W 465,00 W Luminous efficacy 146 ImW 126 ImW Rated service life L80 (25 °C) = 50,000 h | Mounting method | Mounting bracket | | |
| Light Engine CLO initial value CLO end value Colour temperature 4000 K 4000 K Rated luminous flux 58500 Im 58500 Im Connected load 400,00 W 465,00 W Luminous efficacy 146 Im/W 126 Im/W Rated service life L80 (25 °C) = 50,000 h Colour rendering index 70 Colour rendering index 70 Colour rendering index 70 Colour rendering index 70 Photobiological class Group 2 - no risk Luminaire colour DB703 micaceous iron oxide 70 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 Soliming range 20 - 100 % Monitoring Ready Yes Mains voltage 220 - 240 V Mains requency 50/60 Hz Fotal harmonic distortion <% 10 % Ingress Protection (iP) rating 1P66 Protection class I Impact resistance (iK) IK06 Ambient temperature 230 mm Net width 470 mm Net well width 472 mm Net height 120 mm School Hz CLO end value 4000 K 4000 K 4000 K 4000 K 405,00 W 465,00 W 465,00 W 465,00 W 406,00 W 406,00 W 406,00 W 4000 K 4000 | Luminaire optic | With special lens optic particularly designed for wide beam applications. | | |
| A000 K | Light distribution curve | asymmetric medium wide (AM) | | |
| Rated luminous flux 58500 lm 58500 lm Connected load 400,00 W 465,00 W Luminous efficacy 146 lm/W 128 lm/W Rated service life L80 (25 °C) = 50.000 h | Light Engine | CLO initial value | CLO end value | |
| Connected load | Colour temperature | 4000 K | 4000 K | |
| | Rated luminous flux | 58500 lm | 58500 lm | |
| 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). DAL1-2-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 DAL1 addresses 3 Dimming range 20 - 100 % Monitoring Ready Yes Mains voltage 20 - 240 V Mains voltage 220 - 240 V Mains requency 50/60 Hz Total harmonic distortion < % | Connected load | 400,00 W | 465,00 W | |
| 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 voltage 220 - 240 V Mains frequency 50/60 Hz Total harmonic distortion <% 10 % Ingress Protection (IP) rating IP66 Protection class I I Impact resistance (IK) IK06 Ambient temperature 25 °C Net length 470 mm Net height 230 mm | Luminous efficacy | 146 lm/W | 126 lm/W | |
| 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). ALI-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 | Rated service life | L80 (25 °C) = 50.000 h | | |
| 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 Perotection (IP) rating Protection class I Impact resistance (IK) Ki06 Ambient temperature 25 °C Net length 470 mm Net width 742 mm Net height 230 mm | Colour rendering index | 70 | | |
| 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 20 30 mm | Colour tolerance | 3 SDCM | | |
| 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 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 742 mm Net width 742 mm Net height 230 mm | Photobiological class | Group 2 - no risk | | |
| With electronic transformer, digitally dimmable (DALI). DALI-2-Standard EN 62386 | Luminaire colour | DB703 micaceous iron oxide | | |
| 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 <% | Luminaire body | Spotlight body of die-cast aluminium. Cover of light emission aperture of non-laminated safety glass. | | |
| 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 < % | Electrical version | With electronic transformer, digitally dimmable (DALI). | | |
| 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 < % | DALI-2-Standard EN 62386 | Yes | | |
| 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 < % | Surge voltage resistance (differential mode) | 6 kV | | |
| Number of DALI addresses 3 | Surge voltage resistance (common mode) | 10 kV | | |
| Dimming range 20 - 100 % | Connection method | Plug-in terminal | | |
| Monitoring Ready Yes Mains voltage 220 - 240 V Mains frequency 50/60 Hz Total harmonic distortion < % | Number of DALI addresses | 3 | | |
| 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 | Dimming range | 20 - 100 % | | |
| 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 | | Yes | | |
| Total harmonic distortion < % 10 % Ingress Protection (IP) rating IP66 Protection class I I IK06 Ambient temperature 25 °C Net length 470 mm Net width 742 mm Net height 230 mm | | 220 - 240 V | | |
| IP66 Protection class I IK06 Ambient temperature 25 °C Net length 470 mm Net width 742 mm Net height 230 mm | | 50/60 Hz | | |
| Protection class I IK06 Ambient temperature 25 °C Net length 470 mm Net width 742 mm Net height 230 mm | Total harmonic distortion < % | 10 % | | |
| IK06 Ambient temperature 25 °C Net length 470 mm Net width 742 mm Net height 230 mm | Ingress Protection (IP) rating | IP66 | | |
| Ambient temperature 25 °C Net length 470 mm Net width 742 mm Net height 230 mm | Protection class | | | |
| Net length 470 mm Net width 742 mm Net height 230 mm | Impact resistance (IK) | | | |
| Net width 742 mm Net height 230 mm | <u> </u> | 25 °C | | |
| Net height 230 mm | Net length | 470 mm | | |
| • | Net width | 742 mm | | |
| Weight 18,3 kg | Net height | 230 mm | | |
| | Weight | 18,3 kg | | |



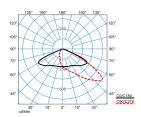
| Light Engine Data | | | | |
|-------------------|-------------------|---------------------|----------------------------|-------------------|
| Light Engine | Color temperature | Rated light current | Power supply value Type | Luminous efficacy |
| CLO initial value | 4000 K | 58500 lm | 400,00 W |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

light distribution curve



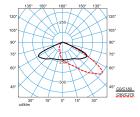
LnFit 70-AM11L/58500-740 1G1L ETDD (CLO initial value)

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. | |

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



LnFit 70-AM11L/58500-740 1G1L ETDD

TOC: 7218851

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 $_q$ 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 (ta): 25 °C Windage area fw 0,266 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.

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 | |
| Е | FK-TX150W-50W 4000K | |