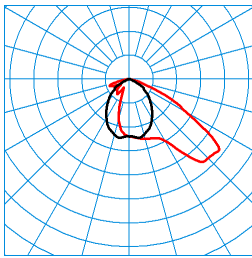





Product features and key data

Applications	accent lighting accenting Building sites Container areas Storage locations Parks Sports fields Tennis courts
Luminaire type	LED-Floodlight for accent lighting and planar illumination.
Light sources	With 4 LED modules.
Mounting method	Post-top outdoor Aligned assembly outdoor Surface-mounting
Luminaire optic	As MLT version (Multi-Lens Technology), consisting of highly efficient UV and temperature-resistant lens systems in 4-fold configurations.
Connected load	21 W
Colour temperature	4.000 K
Rated luminous flux	3.200 lm
Luminous efficacy	152 lm/W
Service life	L80 (25 °C) = 100.000 h
Colour rendering index	70
Colour tolerance	5 SDCM
Photobiological class	Group 2 - no risk
Luminaire colour	RAL9006 White aluminium
Luminaire body	Spotlight body of die-cast aluminium. Flat cover of heat-treated, non-laminated safety glass sealed in diecast frame, can be swung down, mounted to spotlight housing with stainless steel screws.
Electrical version	With electronic transformer, switchable.
Surge voltage resistance (differential mode)	6 kV
Surge voltage resistance (common mode)	10 kV
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)	IK08
Hot wire resistance	960 °C
Ambient temperature	25 °C
Max. Luminaires B10	17
Max. Luminaires B16	28
Max. Luminaires C10	29
Max. Luminaires C16	48
Net length	523 mm
Net width	290 mm
Net height	140 mm
Weight	7,0 kg

light distribution curve

**LnStar 40-AM2L/3200-740 4G1S
TX054188**
■ C0 - C180
■ C90 - C270

DIN 5040: A40
UTE: 1,00 D
CEN Flux Code: 48 88 99 100 100

Available accessories

Material	Description
 0860/1/76 pole connect. 2220300	Post connection, single.
0860/2/76/180° pole connect. 2220400	Post connection, twin, 180°.
 0860/3/76 pole connect. 2220500	Post connection, triple.
 0860/4/76 pole connect. 2220600	Post connection, quadruple.
 0860/2/76/90° pole connect. 4382900	Post connection, twin, 90°.
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.

Offer text

LED-Floodlight for accent lighting and planar illumination. For mounting to horizontal surfaces, ceilings and with use of accessories to posts. Fixing bracket of aluminium. For fixing the luminaire to single or multiple-configuration masts, this application must be supplemented with separately ordered accessories (cross-arms). As MLT version (Multi-Lens Technology), consisting of highly efficient UV and temperature-resistant lens systems in 4-fold configurations. With extremely asymmetric medium-wide light intensity distribution. For illumination of squares and floodlighting. With 4 LED modules. Luminaire luminous flux 3200 lm, connected load 21,00 W, luminous efficiency of luminaire 152 lm/W. Light colour neutral white, correlated colour temperature (CCT) 4000 K, Colour locus tolerance (initial MacAdam) ≤ 5 SDCM, general colour rendering index (CRI) $R_a > 70$. Further LED light colours available on request. Mean rated service life $L_{80}(t_q 25^\circ\text{C}) = 100,000$ h. Spotlight body of die-cast aluminium. Flat cover of heat-treated, non-laminated safety glass sealed in diecast frame, can be swung down, mounted to spotlight housing with stainless steel screws. Colour metallic grey, similar to RAL 9006. (RAL 9006). Further colour variants possible from RAL or DB colour codes. Dimensions (L x W): 523 mm x 290 mm, luminaire height 140 mm. Windage area $F_w = 0,043 \text{ m}^2$. Safety class (EN 61140): I, protection rating (DIN EN 60529): IP66, impact resistance level in accordance with IEC 62262: IK08. With electronic transformer, switchable. Surge voltage resistance 4 kV. The luminaire complies with 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.

Application note :

On request and for an additional charge the luminaire is also available as an ETDD version (digitally dimmable, DALI). 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.