


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 wide-area illumination.	
Light sources	LED system consists of 56 MLT LED modules each with 4 LEDs.	
Luminaire optic	As MLT version (Multi-Lens Technology), consisting of highly efficient UV and temperature-resistant lens systems in 4-fold configurations.	
LED-System	CLO initial value	CLO end value
Connected load	368 W	386 W
Power factor	0,95	
Colour temperature	2.200 K	2.200 K
Rated luminous flux	42.000 lm	42.000 lm
Luminous efficacy	114 lm/W	108 lm/W
Interchangeability lightsource	Yes - interchangeable	
Service life	L80 (25 °C) = 100.000 h	
Colour rendering index	70	
Colour tolerance	5 SDCM	
Photobiological class	Group 2 - no risk	
Luminaire colour	DB703 / RAL9006	
Luminaire body	Luminaire body and cover support of die-cast aluminium. Cover of flat non-laminated safety glass fixed in frame.	
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)	IK09	
Hot wire resistance	960 °C	
Ambient temperature	25 °C	
Max. Luminaires B10	1	
Max. Luminaires B16	2	
Max. Luminaires C10	2	
Max. Luminaires C16	4	
Net length	808 mm	
Net width	590 mm	
Net height	314 mm	
Weight	24,5 kg	

light distribution curve

LnPlus 70-AM19L/42000-722 56G1 ETDD (CLO end value)
TX377173

 ■ C0 - C180
 ■ C90 - C270

 DIN 5040: A30
 UTE: 1,00 J
 CEN Flux Code: 28 76 99 100 100

LnPlus 70-AM19L/42000-722 56G1 ETDD (CLO initial value)
TX377348

 ■ C0 - C180
 ■ C90 - C270

 DIN 5040: A30
 UTE: 1,00 J
 CEN Flux Code: 28 76 99 100 100

Offer text

LED floodlight for wide-area illumination. The design of this series, available in 3 sizes, harmonises with post luminaires of the same manufacture. 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. Die-cast aluminium mounting bracket. The sturdy mounting bracket with 3 holes enables 2-point mounting as well as central 1-point mounting. Projector head can be swivelled on the mounting bracket by single-point mounting. Securing of swivel position by toothed locks. Projector head and mounting bracket are fully assembled on delivery. Post mounting for single and multiple arrangements is possible by means of accessories. As MLT version (Multi-Lens Technology), consisting of highly efficient UV and temperature-resistant lens systems in 4-fold configurations. With asymmetric narrow and asymmetric wide light distribution. Further beam characteristics are available for flexible adaptation to customer-specific lighting tasks. LED system consists of 56 MLT LED modules each with 4 LEDs. Luminaire luminous flux 42000 lm, connected load 368,00 W, luminous efficiency of luminaire 114 lm/W. Light colour warm white, correlated colour temperature (CCT) 2200 K, general colour rendering index (CRI) $R_a > 70$. Colour locus tolerance (initial MacAdam) ≤ 5 SDCM. Mean rated service life $L_{80}(t_q 25^\circ\text{C}) = 100,000$ h. The light source is replaceable according to the ecodesign requirements (VO (EU) 2019/2020). Luminaire body and cover support of die-cast aluminium. Cover of flat non-laminated safety glass fixed in frame. Colour of luminaire body anthracite, similar to DB 703 with metal effect, highly weather resistant, powder-coated. Colour of mounting bracket silver-grey. Further colour variants possible from RAL or DB colour codes. Dimensions (L x W): 808 mm x 590 mm, height 314 mm. Safety class (EN 61140): I, protection rating (DIN EN 60529): IP66, impact resistance level in accordance with IEC 62262: IK09. Windage area f_w . Weight: 24,5 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). Configurable ballast with luminous flux stabilising (CLO). Connected load at the end of service life: 386,00 W. The luminaire complies with the fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol.

EPREL ID

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 E: 4062172036153 (LS_TRV_285458)
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