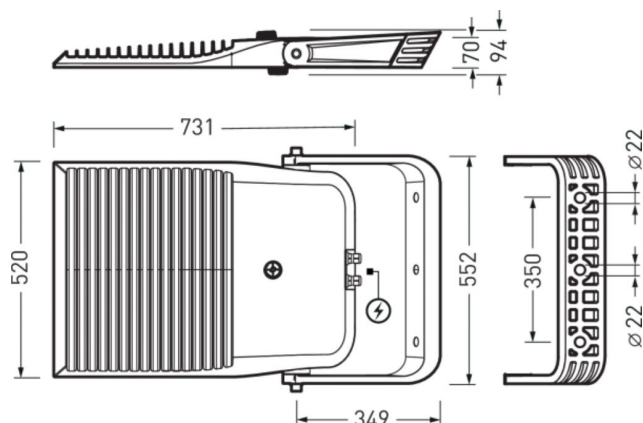
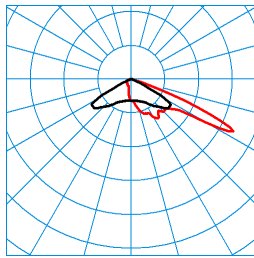


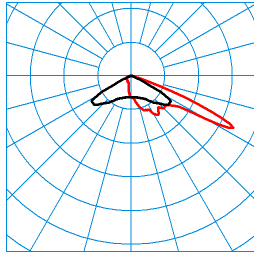


## Product features and key data

|                                                     |                                                                                                                                            |               |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| <b>Applications</b>                                 | Accent lighting Accenting Building sites Container areas Storage locations Parks Sports fields Tennis courts                               |               |
| <b>Luminaire type</b>                               | LED floodlight for wide-area illumination.                                                                                                 |               |
| <b>Light sources</b>                                | LED system consists of 36 MLT LED modules each with 4 LEDs.                                                                                |               |
| <b>Luminaire optic</b>                              | As MLT version (Multi-Lens Technology), consisting of highly efficient UV and temperature-resistant lens systems in 4-fold configurations. |               |
| <b>LED-System</b>                                   | CLO initial value                                                                                                                          | CLO end value |
| <b>Connected load</b>                               | 273 W                                                                                                                                      | 286 W         |
| <b>Power factor</b>                                 | 0,95                                                                                                                                       |               |
| <b>Colour temperature</b>                           | 3.000 K                                                                                                                                    | 3.000 K       |
| <b>Rated luminous flux</b>                          | 38.000 lm                                                                                                                                  | 38.000 lm     |
| <b>Luminous efficacy</b>                            | 139 lm/W                                                                                                                                   | 132 lm/W      |
| <b>Interchangeability lightsource</b>               | Yes - interchangeable                                                                                                                      |               |
| <b>Service life</b>                                 | L80 (25 °C) = 100.000 h                                                                                                                    |               |
| <b>Colour rendering index</b>                       | 70                                                                                                                                         |               |
| <b>Colour tolerance</b>                             | 5 SDCM                                                                                                                                     |               |
| <b>Photobiological class</b>                        | Group 2 - no risk                                                                                                                          |               |
| <b>Luminaire colour</b>                             | DB703 / RAL9006                                                                                                                            |               |
| <b>Luminaire body</b>                               | Luminaire body and cover support of die-cast aluminium. Cover of flat non-laminated safety glass fixed in frame.                           |               |
| <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>Dimming range</b>                                | 20 - 100 %                                                                                                                                 |               |
| <b>Monitoring Ready</b>                             | On request                                                                                                                                 |               |
| <b>Mains frequency</b>                              | 50/60 Hz                                                                                                                                   |               |
| <b>Mains voltage</b>                                | 220 - 240 V                                                                                                                                |               |
| <b>Total harmonic distortion &lt; %</b>             | 10 %                                                                                                                                       |               |
| <b>Ingress Protection (IP) rating</b>               | IP66                                                                                                                                       |               |
| <b>Protection class</b>                             | I                                                                                                                                          |               |
| <b>Impact resistance (IK)</b>                       | IK09                                                                                                                                       |               |
| <b>Hot wire resistance</b>                          | 960 °C                                                                                                                                     |               |
| <b>Ambient temperature</b>                          | 25 °C                                                                                                                                      |               |
| <b>Max. Luminaires B10</b>                          | 2                                                                                                                                          |               |
| <b>Max. Luminaires B16</b>                          | 3                                                                                                                                          |               |
| <b>Max. Luminaires C10</b>                          | 3                                                                                                                                          |               |
| <b>Max. Luminaires C16</b>                          | 6                                                                                                                                          |               |
| <b>Net length</b>                                   | 808 mm                                                                                                                                     |               |
| <b>Net width</b>                                    | 590 mm                                                                                                                                     |               |
| <b>Net height</b>                                   | 314 mm                                                                                                                                     |               |
| <b>Weight</b>                                       | 23,0 kg                                                                                                                                    |               |

**light distribution curve**

**LnPlus 70-AM19L/38000-730 36G1 ETDD (CLO end value)**  
**TX390181**

 ■ C0 - C180  
 ■ C90 - C270

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

**LnPlus 70-AM19L/38000-730 36G1 ETDD (CLO initial value)**  
**TX390164**

 ■ 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 36 MLT LED modules each with 4 LEDs. Luminaire luminous flux 38000 lm, connected load 273,00 W, luminous efficiency of luminaire 139 lm/W. Light colour warm white, correlated colour temperature (CCT) 3000 K, general colour rendering index (CRI)  $R_a > 70$ . Colour locus tolerance (initial MacAdam)  $\leq 5$  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: 23,0 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: 286,00 W. The luminaire complies with the fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol.

**EPREL ID**

D: 4062172249201 (LS\_SHZ\_601019)  
 86005036-00  
 D: 4062172249249 (LS\_SHZ\_601021)  
 86005056-00