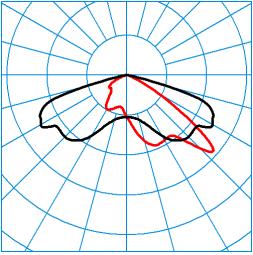


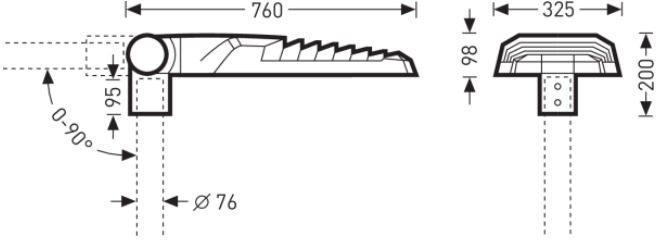
# LIQ 70-AB7L-LR/6800-740 8G1S ET

TOC: 6440140



TX044235  
UGR I = NODATA  
UGR q = NODATA  
DIN 5040: A30  
UTE: 1,00 G

■ C0 - C180  
■ C90 - C270



## Offer text

LED post-top and bracket-mounted luminaire. Construction size IQ 70 (760 x 325 mm). Post-top and bracket-mounted on or to post spigot Ø 76 mm. Inclination angle of 0° to 90°, can be set in 5° steps, scaled. Simple and rapid conversion from post-top to bracket-mounted luminaire via one screw accessible from outside.. Mast mounting via two stainless steel fixing screws in accordance with EN 60598-2-3. Also suitable for mounting to masts with spigot Ø 42, 48 and 60 mm via reduction pieces to be ordered separately. As MLT version (Multi-Lens Technology), consisting of highly efficient UV and temperature-resistant lens systems in 4-fold configurations. With asymmetrical wide light intensity distribution. For road illumination in compliance with M5 and M6 lighting classes with road width to mounting height ratio of 0.4 to 0.8. Further beam characteristics are available for flexible adaptation to customer-specific lighting tasks. Retrofitting a rear shielding is possible, available as accessory to be ordered separately. 8 LED modules. Luminaire luminous flux 6800 lm, connected load 53,00 W, luminous efficiency of luminaire 128 lm/W. Light colour neutral white, correlated colour temperature (CCT) 4000 K, general colour rendering index (CRI)  $R_a > 70$ . Further LED light colours available on request. Mean rated service life  $L_{80}$  ( $t_q$  25 °C) = 100,000 h. Luminaire body of die-cast aluminium. With closed side contour. Luminaire body powder-coated anthracite, similar to DB 703. With metal effect, highly weather resistant, powder-coated. Seewetter geeignete Beschichtung auf Anfrage. Swivel unit silver-grey offset, similar to RAL 9006, highly weather resistant, powder-coated. Cover of heat-treated non-laminated safety glass. Cover, reflection-reduced, transmission value > 98 %, sealed in diecast frame, swung downwards and unhooked without tools. Windage area  $F_w = 0,078 \text{ m}^2$ . Safety class (EN 61140): II, protection rating (DIN EN 60529): IP66, impact resistance level in accordance with IEC 62262: IK08. With connected mains cable. Cable length 10 m. With electronic transformer, switchable. Surge voltage resistance 6 kV. Configurable ballast with luminous flux stabilising (CLO). Connected load at the end of service life: 59 W. 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. With power reduction via control phase. Switching off one control phase implements reduction of luminaire luminous flux to 50%. Weight 17,2 kg.

## Product features and key data

<b>Applications</b>	Main roads Residential roads residential roads Paths in parks and green areas workshops Storage locations Container areas Residential facilities Stairways Crossroads	
<b>Luminaire type</b>	LED post-top and bracket-mounted luminaire.	
<b>Light sources</b>	8 LED modules.	
<b>Mounting method</b>	Bracket-mounting outdoor Post-top outdoor	
<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>	53 W	59 W
<b>Colour temperature</b>	4.000 K	4.000 K
<b>Rated luminous flux</b>	6.800 lm	6.800 lm
<b>Luminous efficacy</b>	128 lm/W	
<b>CEN flux code</b>	34 73 98 100 100	
<b>Service life</b>	L80 (25 °C) = 100.000 h	
<b>Colour rendering index</b>	70	
<b>Photobiological class</b>	Group 2 - no risk	
<b>Luminaire colour</b>	DB703 micaceous iron oxide	
<b>Luminaire body</b>	Luminaire body of die-cast aluminium. With closed side contour.	
<b>Electrical version</b>	With electronic transformer, switchable.	
<b>Mains frequency</b>	50/60 Hz	
<b>Mains voltage</b>	220 - 240 V	
<b>Ingress Protection (IP) rating</b>	IP66	
<b>Protection class</b>	II	
<b>Impact resistance (IK)</b>	IK08	
<b>Ambient temperature</b>	35 °C	
<b>Net length</b>	760 mm	
<b>Net width</b>	325 mm	
<b>Net height</b>	200 mm	
<b>Weight</b>	17,2 kg	

## Installation information:

## LIQ 70-AB7L-LR/6800-740 8G1S ET

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With installation to or on electrically insulating mounting systems (e.g. plastic, wood or concrete posts, isolated integrated metal posts, wire suspensions, wall fixing) the LED luminaire housing must be connected on-site to a functional electrically conducting earth connection. Please note that conductors with yellow/green conductor insulation must not be used for conductor connection between the mast terminal box and luminaire.

### 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.

### Available accessories

Material	Description
2223200	0970/42 Reduction Piece
2223300	0970/48 reduc.pce
2223400	0970/60 Reduction Piece
6818500	MLT ZAH vp/4ST
6824400	0803/2/60-200-60
6824500	0803/2/76-200-60
6824600	0803/2/76-500-60
6824900	0803/3/76-350-60
7022600	0803WB/100-42 Wandbefestigung kpl 26
7022700	0803EMB/100-42 Eck-Mastbefg kpl 26