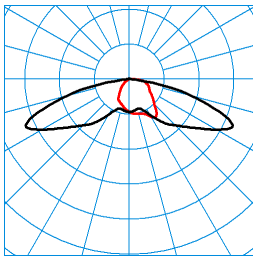

Product features and key data


Applications	Collection roads Residential roads Pedestrian zones Arcades Passages Paths in parks and green areas Residential facilities Stairways Access areas Parking lots	
Luminaire type	Compact, decorative LED post-top luminaire for single arrangement with flat cover.	
Light sources	LED system with 6 integrated modules.	
Mounting method	Outdoor bracket-mounted	
Luminaire optic	Highly specular vapour-plated plastic reflectors each combined with 2 LEDs.	
LED-System	CLO initial value	CLO end value
Connected load	21 W	22 W
Power factor	0,90	
Colour temperature	4.000 K	4.000 K
Rated luminous flux	2.000 lm	2.000 lm
Luminous efficacy	95 lm/W	90 lm/W
Interchangeability lightsource	Yes - interchangeable	
Service life	LCL0 (25 °C) = 100.000 h	
Colour rendering index	70	
Colour tolerance	5 SDCM	
Photobiological class	Group 0 - no risk	
Luminaire colour	DB703 micaceous iron oxide	
Luminaire body	Of die-cast aluminium, highly weather resistant, powder-coated.	
Electrical version	With electronic control gear unit, switchable.	
Surge voltage resistance (differential mode)	6 kV	
Surge voltage resistance (common mode)	10 kV	
Connection method	Plug-in terminal	
Mains frequency	50/60 Hz	
Mains voltage	220 - 240 V	
Total harmonic distortion < %	10 %	
Ingress Protection (IP) rating	IP23	
Protection rating of lamp compartment	IP66	
Protection class	II	
Impact resistance (IK)	IK07	
Hot wire resistance	960 °C	
Ambient temperature	35 °C	
Max. Luminaires B10	23	
Max. Luminaires B16	36	
Max. Luminaires C10	37	
Max. Luminaires C16	61	
Net length	662 mm	
Net width	380 mm	
Net height	251 mm	
Weight	6,8 kg	

light distribution curve

Convia-SB2R/2000-740 6G1S 26
TX046851

 CO - C180
 C90 - C270

 DIN 5040: A20
 UTE: 1,00 J
 CEN Flux Code: 25 58 91 99 100 13 50 75 1

Available accessories

Material	Description
 0970/60 Reduction Piece 2223400	Reduction piece, for post spigot Ø 60 mm.

Offer text

Compact, decorative LED post-top luminaire for single arrangement with flat cover. Post-top luminaire for post spigot Ø 76 mm. Reduction piece of stainless steel for post spigot Ø 60 mm available as accessory. Mast mounting via two stainless steel fixing screws in accordance with EN 60598-2-3. Highly specular vapour-plated plastic reflectors each combined with 2 LEDs. With extremely wide luminous intensity distribution for the lighting of paths, especially cycle paths. LED system with 6 integrated modules. Luminaire luminous flux 2000 lm, connected load 21,00 W, luminous efficiency of luminaire 95 lm/W. Light colour neutral white, correlated colour temperature (CCT) 4000 K, general colour rendering index (CRI) $R_a > 70$. Colour locus tolerance (initial MacAdam) ≤ 5 SDCM, Mean rated service life $L_{CLO} (t_q 25^\circ C) = 100,000$ h. The light source is replaceable according to the ecodesign requirements (VO (EU) 2019/2020). Of die-cast aluminium, highly weather resistant, powder-coated. Colour anthracite, similar to DB 703. Sea weather-suitable coating on request. Cover of flat, heat-treated, non-laminated safety glass, partly frosted. Safety class (EN 61140): II, protection rating (DIN EN 60529): IP23, Protection rating of lamp compartment: IP66, impact resistance level in accordance with IEC 62262: IK07. Mast available upon request. Windage area $f_w 0,050$ m². Weight: 6,8 kg. With electronic control gear unit, switchable. The control gear unit is replaceable in accordance with the ecodesign requirements (VO (EU) 2019/2020). Connection module with post-top luminaires can be removed without tools. Configurable ballast with luminous flux stabilising (CLO). Connected load at the end of service life: 22,00 W. The luminaire complies with the fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol.

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/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.

EPREL ID

D: 85400152