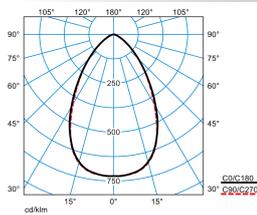


Product features and key data

Luminaire type	Robust LED highbay luminaire.
Light sources	LED system consists of 6 LED modules mounted to aluminium support.
Mounting method	Surface-mounting Suspension
Luminaire optic	Optical system consists of a PC lens optic.
Light distribution curve	Narrow (N)
FWHM	66,60 °
Light Engine	standard product
Colour temperature	4000 K
Rated luminous flux	53300 lm
Connected load	298,00 W
Luminous efficacy	179 lm/W
Rated service life	L80 (45 °C) = 100.000 h L90 (45 °C) = 50.000 h
Colour rendering index	80
Colour tolerance	3 SDCM
Photobiological class	Group 1 - no risk
Luminaire colour	RAL9016 Traffic white
Luminaire body	Robust diecast aluminium body with integrated cooling ribs.
Electrical version	With 2 electronic ballasts, digitally dimmable (DALI).
DALI-2-Standard EN 62386	Yes
Connection method	Connection cable
Touch-Dim-capable	Yes
Number of DALI addresses	2
Dimming range	1 - 100 %
Monitoring Ready	Yes
Mains voltage	220 - 240 V
Mains frequency	50/60 Hz
Total harmonic distortion < %	14 %
IFS label	Yes
Ingress Protection (IP) rating	IP65
Protection class	I
Impact resistance (IK)	IK08
Hot wire resistance	850 °C
Ambient temperature	-30 - 45 °C
Max. Luminaires B10	4
Max. Luminaires B16	8
Max. Luminaires C10	8
Max. Luminaires C16	13
Net length	649 mm
Net width	559 mm
Net height	63 mm

Weight

12,0 kg

light distribution curve

Mirona Fit 6L TB 520-840 ETDD

UGR I = 22,8
 UGR q = 22,4
 DIN 5040: A60
 UTE: 1,00 B
 DLOR: 100 %
 ULOR: 0 %
 CEN Flux Code: 76 95 100 100 100 0 0 0 0

Available accessories

Material	Description
 Mirona Fit AMB 6L 6888000	Ceiling fixing accessory, 2-part.
 Mirona Fit AKY K 6888200	Chain suspension set for LED highbay Mirona Fit. Each with 2 chains 1200mm, spring hook, turnbuckles and ceiling fixing plates.
 Mirona Fit DSY K 6888300	Wire suspension set for Mirona Fit LED highbay.

Offer text

Robust LED highbay luminaire. Suitable for use in HACCP, IFS and/or BRC Global Standard Food certified companies. With limited surface temperature, suitable for use in fire hazardous areas according to DIN EN 60598-2-24. Suitable for ceiling and suspended mounting with optional accessories. Optical system consists of a PC lens optic. With symmetric narrow light distribution. Luminaire luminous flux and light color fixed. LED system consists of 6 LED modules mounted to aluminium support. Luminaire luminous flux 53300 lm, connected load 298 W, maximum luminous efficiency of luminaire 179 lm/W. Light colour neutral white, correlated colour temperature (CCT) 4000 K, general colour rendering index (CRI) $R_a > 80$. Colour locus tolerance (initial MacAdam) ≤ 3 SDCM. Mean rated service life L80 (t_q 45 °C) = 100,000 h., Mean rated service life L90 (t_q 45 °C) = 50,000 h. Robust diecast aluminium body with integrated cooling ribs. Surface coated white (similar to RAL 9016). Dimensions (L x W): 649 mm x 559 mm, luminaire height 63 mm. Safety class (EN 61140): I, protection rating (DIN EN 60529): IP65, impact resistance level in accordance with IEC 62262: IK08, testing temperature of wire glow test in accordance with IEC 60695-2-11: 850 °C. Permissible ambient temperature (t_a): -30 °C to 45 °C. Weight: 12,0 kg. With 5-pole connection cable 5 x 0.75 mm² (1500 mm). With 2 electronic ballasts, digitally dimmable (DALI). Control gear unit according to DALI-2 standard (EN 62386). Luminaire is switchable and dimmable by means of touch functionality via DALI control terminals (Touch DIM). The control gear unit is replaceable in accordance with the ecodesign requirements (VO (EU) 2019/2020). The luminaire is monitoring-ready (MOR), supplies luminaire data for monitoring or for predictive maintenance and is therefore compatible to the TRILUX Monitoring Services. The luminaire complies with the 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. Luminaire available for 10 years, spare part consisting of control gear unit available for 15 years after the invoice date, subject to reasonable modifications in the interests of progress. Due to the design, the spare parts of LED module and optical system are not available.

 Disassembly instructions (PDF) for the product available at: <https://www.trilux.com/EcoDesign>
EPREL - European Product Registry for Energy Labelling

Energy Efficiency Class	Model identifier
C	929001497806
C	SI-B8T381280EU