Mirona Fit B LED13000-840 ETDD

TOC: 6819551

Product features and key data

Luminaire type	Robust LED highbay luminaire.
Light sources	LED system consists of 2 LED modules mounted to aluminium support.
Mounting method	Surface-mounting|Suspension
Luminaire optic	Optical system consists of a PC lens optic.
Connected load	78 W
Power factor	0,95
Colour temperature	4.000 K
Rated luminous flux	13.100 lm
Luminous efficacy	167 lm/W
Interchangeability lightsource	No - Protection against intrus
Service life	L80 (50 °C) = 70.000 h L85 (50 °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 electronic transformer, digitally dimmable (DALI).
DALI-2-Standard EN 62386	Yes
Connection method	Connection cable
Touch-Dim-capable	Yes
Dimming range	1 - 100 %
Monitoring Ready	On request
Mains frequency	50/60 Hz
Mains voltage	220 - 240 V
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 - 50 °C
Max. Luminaires B10	13
Max. Luminaires B16	20
Max. Luminaires C10	20
Max. Luminaires C16	34
Net length	320 mm
Net width	342 mm
Net height	63 mm
Weight	3,8 kg

All technical data including details of weight and dimensions have been compiled with all due care. Errors excepted. Product illustrations serve as examples and may differ from the original. We reserve the right to make alterations in the interest of improving our products.

light distribution curve

Mirona Fit B LED13000-840
TX050466

UGR I = 24,5
UGR q = 23,9
DIN 5040: A50
UTE: 1,00 C
CEN Flux Code: 65 93 99 100 100 0 0 0 0

C0 - C180
C90 - C270

Available accessories

	Material	Description
	Mirona Fit AMB/13000/26000 6887900	Ceiling fixing accessory for luminaires of construction size 10,000-26,000 lm, 2-part.
	Mirona Fit AWB/13000/26000 6888100	Settable wall mounting bracket for luminaires of construction size 10,000-26,000 lm, 2-part.
	Mirona Fit AKY K 6888200	Chain suspension set for LED highbay luminaire Mirona Fit.
	Mirona Fit DSY K 6888300	Wire suspension set for Mirona Fit LED highbay luminaire, for suspension lengths of up to 1,000 mm.
	Mirona Fit ZDP 6888400	Cover of sheet steel for protection from dust deposits, scope of delivery 2 pieces.

Offer text

Robust LED highbay luminaire. Compliant to DIN 10500. The luminaires are suitable for applications in HACCP, IFS Version 6 and/or BRC Global Standard Food Version 7-certified companies in the food and beverage industries. Suitable for use in rooms with increased risk of fire. Luminaire with limited surface temperature in accordance with DIN EN 60598-2-24, suitable for use in work locations exposed to fire hazards. Suitable for ceiling and suspended mounting with optional accessories. Optical system consists of a PC lens optic. With symmetric wide light intensity distribution. LED system consists of 2 LED modules mounted to aluminium support. Luminaire luminous flux 13100 lm, connected load 78,00 W, luminous efficiency of luminaire 167 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 L85(t_q 50 °C) = 50,000 h, mean rated service life L80(t_q 50 °C) = 70,000 h. Robust diecast aluminium body with integrated cooling ribs. Surface coated white (RAL 9016). Dimensions (L x W): 320 mm x 342 mm, luminaire height 63 mm. Weight: 3,8 kg. Permissible ambient temperature (ta): -30 °C - +50 °C. 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. With 5-pole connection cable 5 x 0.75 mm^2 (1500 mm). With electronic transformer, 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 can be equipped with the Monitoring Ready (MOR) functionality on request. 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.

EPREL ID

C: 929001497806

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