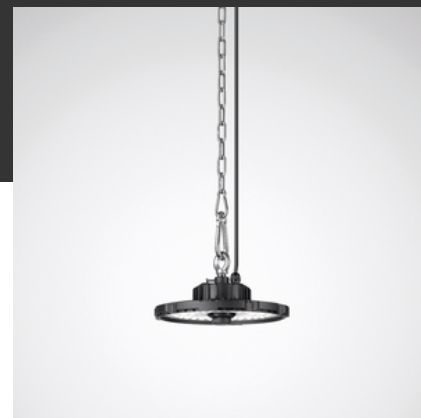
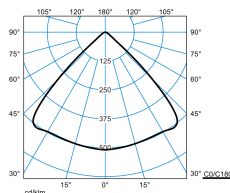
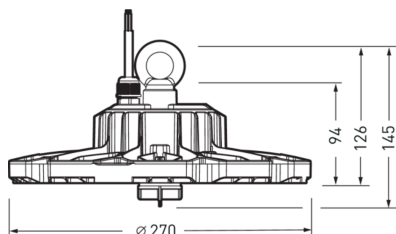


2380 G3 TB 10000-840 ET

LED highbay luminaire

TOC: 7959440



Product description

Luminaire type

Round wide-area LED high bay luminaire for suspended mounting.

Applications

High rooms, Halls, Warehouses, Manufacturing halls, damp rooms, Trade fair and exhibition halls.

Mounting methods

For suspended mounting as single luminaire. Single point suspension to centrally integrated fixing hooks. Mounting accessory must be ordered separately.

Optical system

Optical system with PC lens optic. Each LED module has own optical unit.. With rotationally symmetric wide light distribution.

LED system

Luminaire luminous flux and light color fixed. Luminaire luminous flux 10000 lm, connected load 77 W, Power Faktor $\lambda > 0,95$, maximum luminous efficiency of luminaire 130 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) ≤ 5 SDCM. Mean rated service life $L_{70} (t_a 25^\circ\text{C}) = 50,000$ h. The light source is replaceable according to the ecodesign requirements (VO (EU) 2019/2020).

Luminaire body

Luminaire body of die-cast aluminium. Surface coated black (similar to RAL 9005). Luminaire height 145 mm, Luminaire diameter 268 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: 650 °C. Permissible ambient temperature (t_a): 40 °C . Weight: 4,5 kg.

Electrical version

With electronic transformer, switchable. 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.

Product features and key data

Applications	Trade fair halls Multi-purpose halls Exhibition rooms Production halls with low levels of soiling Assembly halls High halls
Luminaire type	Round wide-area LED high bay luminaire for suspended mounting.
Luminaire optic	Optical system with PC lens optic. Each LED module has own optical unit..
Light distribution curve	Narrow (N)
FWHM	88,40 °
Light Engine	standard product
Colour temperature	4000 K
Rated luminous flux	10000 lm
Connected load	80,00 W
Luminous efficacy	125 lm/W
Rated service life	$L_{70} (25^\circ\text{C}) = 50.000$ h
Colour rendering index	80
Colour tolerance	5 SDCM
Photobiological class	Group 1 - no risk

Product features and key data

Luminaire colour	RAL9005 Jet black
Luminaire body	Luminaire body of die-cast aluminium.
Electrical version	With electronic transformer, switchable.
Wire diameter	1,50 mm ²
Connection method	Connection cable
Mains voltage	220 - 240 V
Mains frequency	50/60 Hz
Total harmonic distortion < %	14 %
Ingress Protection (IP) rating	IP65
Protection class	I
Impact resistance (IK)	IK08
Hot wire resistance	650 °C
Ambient temperature	40 °C
Max. Luminaires B10	5
Max. Luminaires B16	10
Max. Luminaires C10	10
Max. Luminaires C16	18
Net height	145 mm
Outside diameter	268 mm
Weight	4,5 kg

Available accessories

Material	Description
7959500	HF motion sensor für LED high-bay luminaires 2380. Die Einstellung der Betriebsarten und Parameter erfolgt über eine separat zu bestellende Fernbedienung.
7959600	IR remote control for setting the function parameters of the HF sensor.

EPREL - European Product Registry for Energy Labelling

Energy Efficiency Class	Model identifier
D	L-HB-A18-10-A

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