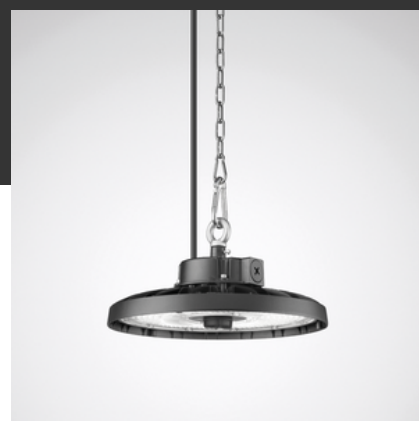
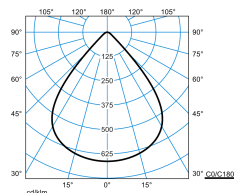
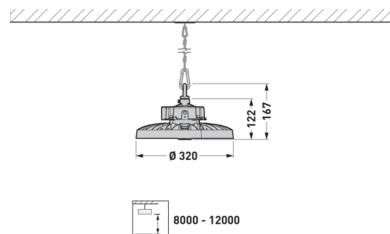


2380 G4 LW 20-30/3ML-8MC ET

LED highbay luminaire

TOC: 9828540



Product description

Luminaire type

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

Light management

With adapter for quick fastening of an optional HF presence sensor available as a separate accessory. Function parameters of the HF motion sensor are set with the IR remote control optionally available as an accessory.

Applications

High rooms, Halls, Warehouses, Manufacturing halls, damp rooms, Trade fair and exhibition halls. With limited surface temperature, suitable for use in fire hazardous areas according to DIN EN 60598-2-24.

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 symmetric wide light intensity distribution.

LED system

Luminaire luminous flux and light color adjustable in 6 levels (Multilumen, Multicolour). Luminaire luminous flux 20500 lm - 30000 lm, connected load 120 W - 187 W, Power Faktor $\lambda > 0,9$, maximum luminous efficiency of luminaire 171 lm/W. Light colour neutral white or daylight white, correlated colour temperature (CCT) 4000 K or 6500 K, general colour rendering index (CRI) $R_a > 80$. Colour locus tolerance (initial MacAdam) ≤ 5 SDCM. 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 167 mm, Luminaire diameter 320 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 (ta): 50 °C . Weight: 2,7 kg.

Electrical version

With electronic control gear unit, switchable. The control gear unit is replaceable in accordance with the ecodesign requirements (VO (EU) 2019/2020). 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.	
Mounting method	Suspension	
Luminaire optic	Optical system with PC lens optic. Each LED module has own optical unit..	
Light distribution curve	Wide (W)	
FWHM	80,60 °	
Light Engine	Level 1	Level 6
Colour temperature	4000 K	6500 K
Rated luminous flux	20500 lm	30000 lm
Connected load	120,00 W	187,00 W

Product features and key data

Luminous efficacy	171 lm/W	160 lm/W
Colour rendering index	80	
Colour tolerance	5 SDCM	
Photobiological class	Group 0 - no risk	
Luminaire colour	RAL9005 Jet black	
Luminaire body	Luminaire body of die-cast aluminium.	
Electrical version	With electronic control gear unit, 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	50 °C	
Max. Luminaires B10	6	
Max. Luminaires B16	10	
Max. Luminaires C10	7	
Max. Luminaires C16	12	
Net height	167 mm	
Outside diameter	320 mm	
Weight	2,7 kg	

Available accessories

Material	Description
9828600	HF motion sensor für LED high-bay luminaires 2380 G4. Die Einstellung der Betriebsarten und Parameter erfolgt über eine separat zu bestellende Fernbedienung. Recommended installation height: 3 m - 12 m. Detection range depending on mounting height Ø 15 m - 18 m. Can be attached without tools.
9828700	IR remote control for setting the function parameters of the HF sensor. Suitable for the series 2380 G4.

Light Engine Data

Light Engine	Color temperature	Rated light current	Power supply value Typ	Luminous efficacy
Level 1	4000 K	20500 lm	120,00 W	171 lm/W
Level 2	4000 K	25000 lm	150,00 W	167 lm/W
Level 3	4000 K	30000 lm	187,00 W	160 lm/W
Level 4	6500 K	20500 lm	120,00 W	171 lm/W

Light Engine Data

Light Engine	Color temperature	Rated light current	Power supply value Type	Luminous efficacy
Level 5	6500 K	25000 lm	150,00 W	167 lm/W
Level 6	6500 K	30000 lm	187,00 W	160 lm/W

EPREL - European Product Registry for Energy Labelling

Energy Efficiency Class	Model identifier
B	HB-27*9*2-30KLM

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