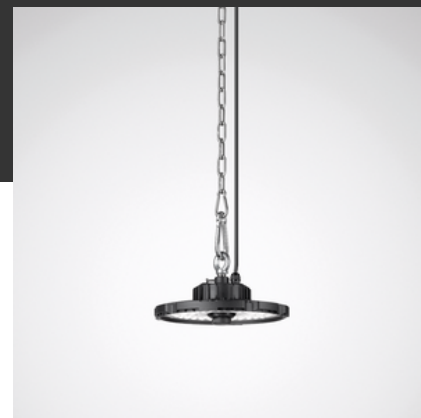
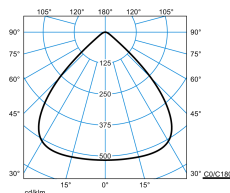
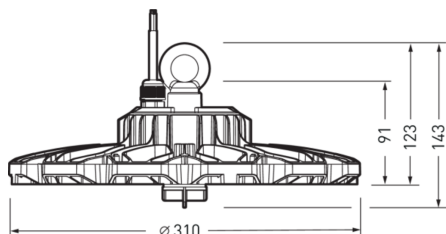


# 2380 G3 TB 20000-840 ET

## LED highbay luminaire

TOC: 7959240



## 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 symmetric narrow light distribution.

### LED system

Luminaire luminous flux and light color fixed. Luminaire luminous flux 20000 lm, connected load 150 W, Power Faktor  $\lambda > 0,95$ , maximum luminous efficiency of luminaire 133 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)  $\leq 5$  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 310 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: 3,5 kg.

### Electrical version

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	20000 lm
Connected load	150,00 W
Luminous efficacy	133 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 <sup>2</sup>
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	9
Max. Luminaires C10	10
Max. Luminaires C16	17
Net height	145 mm
Outside diameter	310 mm
Weight	3,5 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-A19-18-A

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