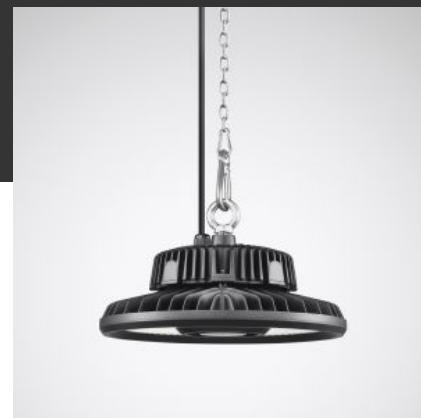
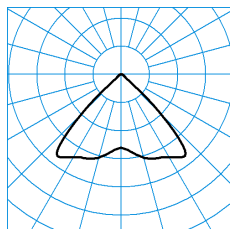
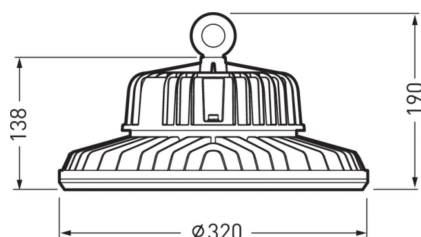


2380 TB 20000-840 ET LED highbay luminaire

TOC: 7143340



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 narrow-wide light distribution.

LED system

Luminaire luminous flux 20000 lm, connected load 150,00 W, Power Faktor $\lambda > 0,95$, 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) ≤ 5 SDCM, Mean rated service life $L65(t_q 25^\circ\text{C}) = 50,000$ 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 (RAL 9005). Luminaire height 190 mm, Luminaire diameter 320 mm. Weight: 4,0 kg. Permissible ambient temperature (t_a): $-20^\circ\text{C} - +40^\circ\text{C}$. 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: 650°C .

Electrical connection

With connection cable, 1500 mm.

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..
Connected load	150 W
Power factor	0,95
Colour temperature	4.000 K
Rated luminous flux	20.000 lm
Luminous efficacy	133 lm/W
Interchangeability lightsource	Yes - interchangeable
Service life	$L65 (25^\circ\text{C}) = 50.000$ h
Colour rendering index	80
Colour tolerance	5 SDCM

Product features and key data

Photobiological class	Group 1 - no risk
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
Mains frequency	50/60 Hz
Mains voltage	220 - 240 V
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	10
Max. Luminaires B16	17
Max. Luminaires C10	12
Max. Luminaires C16	20
Net height	190 mm
Outside diameter	320 mm
Weight	4,0 kg