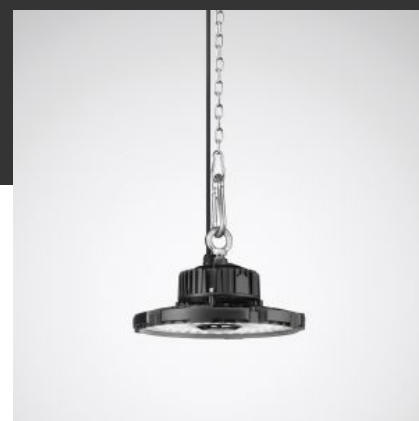
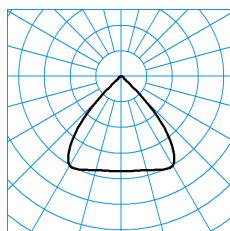
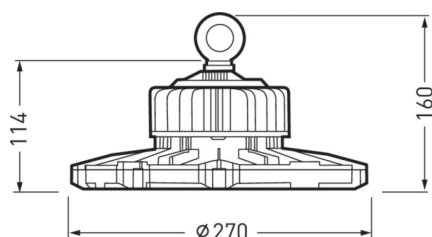


# 2380 TB 10000-840 ET

## LED highbay luminaire

TOC: 7630840



## 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 light distribution.

### LED system

Luminaire luminous flux 10000 lm, connected load 77,00 W, Power Faktor  $\lambda > 0,95$ , luminous efficiency of luminaire 129 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  $L65(t_q 25^\circ\text{C}) = 50,000$  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 160 mm, Luminaire diameter 270 mm. 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:  $650^\circ\text{C}$ . 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

|                                       |                                                                                                                              |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>                   | trade fair halls multi-purpose halls exhibition rooms production halls with low levels of soiling  assembly halls high halls |
| <b>Luminaire type</b>                 | Round wide-area LED high bay luminaire for suspended mounting.                                                               |
| <b>Luminaire optic</b>                | Optical system with PC lens optic. Each LED module has own optical unit..                                                    |
| <b>Connected load</b>                 | 77 W                                                                                                                         |
| <b>Power factor</b>                   | 0,95                                                                                                                         |
| <b>Colour temperature</b>             | 4.000 K                                                                                                                      |
| <b>Rated luminous flux</b>            | 10.000 lm                                                                                                                    |
| <b>Luminous efficacy</b>              | 129 lm/W                                                                                                                     |
| <b>Interchangeability lightsource</b> | Yes - interchangeable                                                                                                        |
| <b>Service life</b>                   | L65 (25 °C) = 50.000 h                                                                                                       |
| <b>Colour rendering index</b>         | 80                                                                                                                           |
| <b>Colour tolerance</b>               | 5 SDCM                                                                                                                       |
| <b>Photobiological class</b>          | Group 0 - no risk                                                                                                            |
| <b>Luminaire colour</b>               | RAL9005 Jet black                                                                                                            |

## Product features and key data

|                                         |                                          |
|-----------------------------------------|------------------------------------------|
| <b>Luminaire body</b>                   | Luminaire body of die-cast aluminium.    |
| <b>Electrical version</b>               | With electronic transformer, switchable. |
| <b>Wire diameter</b>                    | 1,50 mm <sup>2</sup>                     |
| <b>Mains frequency</b>                  | 50/60 Hz                                 |
| <b>Mains voltage</b>                    | 220 - 240 V                              |
| <b>Total harmonic distortion &lt; %</b> | 14 %                                     |
| <b>Ingress Protection (IP) rating</b>   | IP65                                     |
| <b>Protection class</b>                 | I                                        |
| <b>Impact resistance (IK)</b>           | IK08                                     |
| <b>Hot wire resistance</b>              | 650 °C                                   |
| <b>Ambient temperature</b>              | 40 °C                                    |
| <b>Max. Luminaires B10</b>              | 5                                        |
| <b>Max. Luminaires B16</b>              | 10                                       |
| <b>Max. Luminaires C10</b>              | 9                                        |
| <b>Max. Luminaires C16</b>              | 16                                       |
| <b>Net height</b>                       | 160 mm                                   |
| <b>Outside diameter</b>                 | 270 mm                                   |
| <b>Weight</b>                           | 4,5 kg                                   |