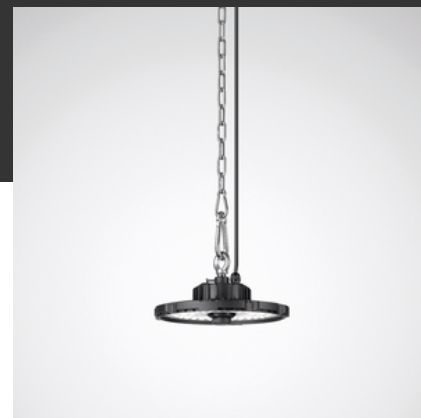
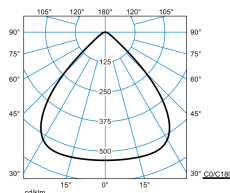
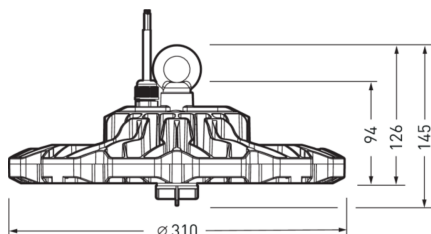


# 2380 G3 TB 30000-840 ET

## LED highbay luminaire

TOC: 7959340



## 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 30000 lm, connected load 230 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)  $\leq 5$  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 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 (ta): 40 °C . Weight: 2,7 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

|                                 |   |
|---------------------------------|---|
| <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>Light distribution curve</b> | Narrow (N)  |
| <b>FWHM</b>                     | 88,40 °   |
| <b>Light Engine</b>             | standard product  |
| <b>Colour temperature</b>       | 4000 K  |
| <b>Rated luminous flux</b>      | 30000 lm  |
| <b>Connected load</b>           | 200,00 W  |
| <b>Luminous efficacy</b>        | 150 lm/W  |
| <b>Rated service life</b>       | L70 (25 °C) = 50.000 h  |
| <b>Colour rendering index</b>   | 80  |
| <b>Colour tolerance</b>         | 5 SDCM  |
| <b>Photobiological class</b>    | 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            | 2  |
| Max. Luminaires B16            | 4  |
| Max. Luminaires C10            | 5  |
| Max. Luminaires C16            | 12                                       |
| Net height                     | 145 mm                                   |
| Outside diameter               | 310 mm                                   |
| Weight                         | 2,7 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-B    |

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