



HBL - BEATRIX LINEAR HIGH BAY - PRO

Typology

Suspension fixture for installation in large commercial or industrial spaces; it uses SMD technology.

Features

Fixtures with single optics to maximise flux.

The collection is divided into versions with standard drivers and those with Tridonic drivers.

HBL PRO can be used in series of up to 10 fixtures for the 40W model and up to 6 fixtures for the 80W model.

Installation

Easy cabling using an IP65 connection box attached to the body of the fixture.

Wall/ceiling installation with the brackets supplied or suspension mounted.

The separate accessory code for suspension installation includes 3 m length cables.

Material

Extruded PC body; glass front screen.

Beam

Optical systems composed of micro optics that direct the flux of the LED sources. The LED sources are protected by sealed optics to be used in dusty or dirty environments.



Characteristic data

| | | | | | | | |
|-------|------|--------------|---------|----------|---------|-------|-------------|
| Power | 40 W | Beam | 60° | Dimmable | No | Input | 220-240 Vac |
| IP | 65 | Flux | 3600 lm | PF | 0,9 | Tc | 4000 K |
| Ra | >80 | LED Warranty | G5h24 | Axis | 2800 cd | IK | IK08 |
| RG | RG1 | | | | | | |

Dimensional characteristics



| | |
|----|---------|
| L | 606 mm |
| L1 | 120 mm |
| H | 53.2 mm |

Lighting and photometric features

| | |
|--------------------------------|---------------|
| Beam opening | 60° |
| Flux | 3600 lm |
| CCT nominal colour temperature | 4000 K |
| Colour of the light | Natural light |
| Colour rendering index | >80 |
| Lifespan | 50000 h |
| LED lifespan | L70B20 |

Electrical characteristics

| | |
|-----------------------------|---------------|
| Rated power | 40 W |
| Input voltage | 220-240 Vac |
| Frequency | 50-60 Hz |
| Dimmable | No |
| Power factor (PF) | 0,9 |
| Weighted energy consumption | 40 kWh/1000h |
| Operating temperature | -25°C / +45°C |

Photometry

|  | 4000K | H(m) | D1(m) | D2(m) | Emax(lx) | |
|--|------------------------------------|------------------|--------|-------|----------|------|
| | Ra80 | | 71° | 51° | | |
| | Fixture Power | 40W | 1 | 1.43 | 0.96 | 2804 |
| | Source Flux | 3600lm | 2 | 2.86 | 1.93 | 701 |
| | Fixture Flux | 3600lm | 3 | 4.29 | 2.89 | 312 |
| | Efficacy | 90lm/W | 4 | 5.72 | 3.85 | 175 |
| | 941345 I _{max} =780cd/klm | I _{max} | 2808cd | 5 | 7.15 | 4.81 |

EulumDat file on the site

LED Warranty

| | |
|-------|---|
| G5h24 | Full Guarantee 5 years (24h/24h) Without limitations on the duration of use for the first year, provided the observance of the installation conditions. |
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European Directives

2009/125/EC * Ecodesign
 2011/65/EU * RoHS
 2012/19/EU * RAEE
 2014/30/EU * EMC
 2014/35/EU * LVD
 2015/863 * Amending RoHS
 2017/1369 * Regulation for Energy Labelling
 2019/2015 * Regulation for Energy Labelling
 2019/2020 * Regulation for Ecodesign
 2021/340 * Amending Reg. Energy Labelling
 2021/341 * Amending Reg. Ecodesign

Product standards

CEI EN 55015:2020 (+A11:2020)
 CEI EN 60598-1:2022
 CEI EN 60598-2-1:2022
 CEI EN 61000-3-2:2019 (+A1:2021)
 CEI EN 61000-3-3:2014 (+EC1:2014/+EC2:2016/+A1:2021/+A2:2022)
 CEI EN 61547:2010
 CEI EN 62031:2021 (+A11:2022)
 CEI EN 62471:2010
 IEC/TR 62471-2:2009
 CEI EN 62493:2015
 CEI 34-141:2014

Logistics data

| | |
|--------------------------------|---------------|
| Item net weight | 1250 gr |
| Barcode single item | 8011905941345 |
| Number of pieces multiple pack | 6 |
| Barcode multiple pack | 8011905959883 |
| Minimum order quantity | 1 |
| Minimum packaging | 1 / 6 |