HB2 - HIGH BAY

Typology
Suspension fixture for installations in large commercial and industrial spaces; uses SMD technology.
Also available in a DALI version.

Features
It is composed of an independent power supply system connected to the body of the fixture with small columns for improved thermal management.
The optical unit is integrated into the aluminium body for perfect heat dissipation.
The fixture body can be completed with an aluminium or polycarbonate reflector to obtain a different aesthetic and antiglare effect.
Cable lenght: 1 m

Installation
Equipped with a mounting ring for suspension installation.
Equipped with steel anti-fall safety cable.
For ceiling or wall installation order the accessory code that comprises the bracket and the relative accessories.

Material
Grooved die-cast aluminium for heat dissipation.

Applications
Professional lighting ideal for industrial environments and large indoor spaces.

Beam
Optical system consisting of an array of lens optimised for SMDs.
Different opening angle depending on the model.

Notes
Optimised design to maximise heat exchange.

| PRO | 220-240 Vac | Ra >80 | | 50000 h L70B20 | IP65 | IK08 | Free Wire | -25°C +45°C | Risk Group 1 |

| | 90° | FLICKER FREE | G5 h24 |

Characteristic data

Power	100 W	Beam	90°	Dimmable	No	Input	220-240 Vac
Base	Free Wire	IP	65	Flux	15000 lm	Axis	7200 cd
PF	0,92	Tc	4000 K	Ra	>80	LED Warranty	G5h24
IK	IK08	RG	RG1				

Dimensional characteristics
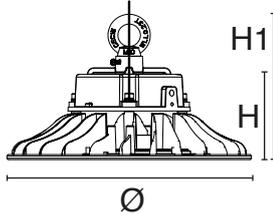
ø	260 mm
H	116 mm
H2	161 mm

Lighting and photometric features

Beam opening	90°
Flux	15000 lm
Axis	7200 cd
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	100 W
Input voltage	220-240 Vac
Frequency	50/60 Hz
Dimmable	No
Power factor (PF)	0,92
Operating temperature	-25°C / +45°C

Photometry

4000K		H(m)	D(m)	Emax(lx)
Ra80			92°	
Fixture Power	100W	1	2.08	7025
Source Flux	15000lm	2	4.16	1756
Fixture Flux	15000lm	3	6.24	781
Efficacy	150lm/W	4	8.31	439
Imax	7026cd	5	10.39	281

929459   Imax=468cd/klm

EuLumDat file on the site

Other Infotech

Flicker Free	Yes
Light source replaceability	Replaceable (LED only) light source by a professional.
Control gear replaceability	Non-replaceable control gear.

Technisches Datenblattsheet   Fiche technique   Ficha de datos   Technical datasheet   Scheda tecnica
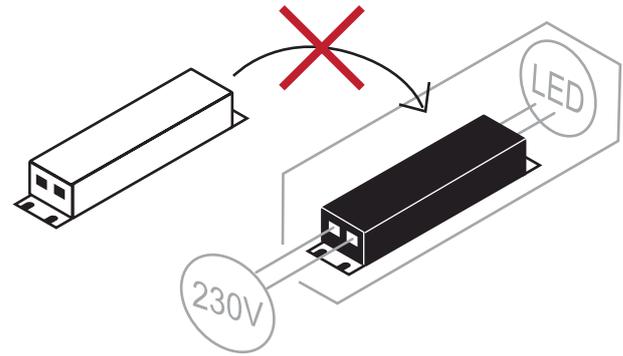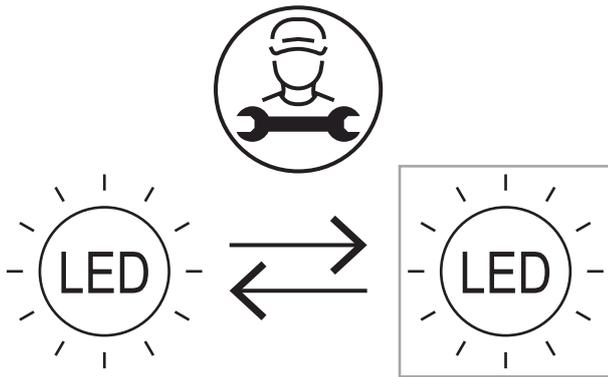
LED Warranty

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.

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	2000 gr
Barcode single item	8011905929459
Minimum order quantity	1
Minimum packaging	1 / 1

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