



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.

Installation

Equipped with a mounting ring for suspension installation.
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

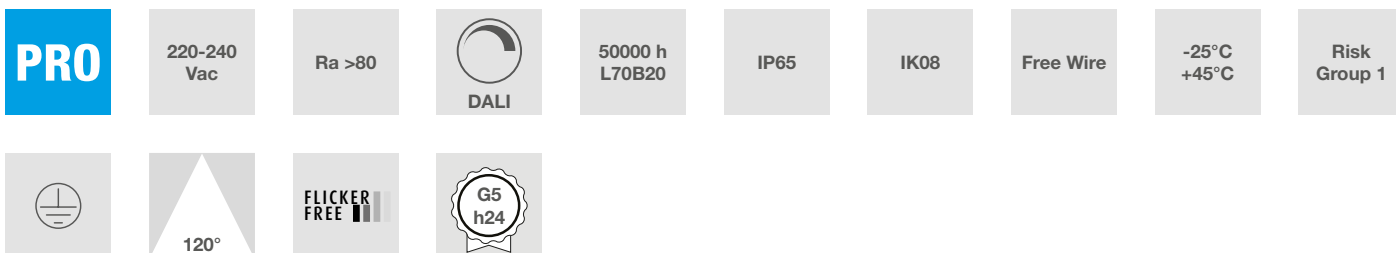
Professional lighting ideal for industrial environments and large indoor spaces.

Beam

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

Notes

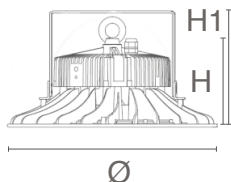
Optimised design to maximise heat exchange.



Characteristic data

Power	100 W	Beam	120°	Dimmable	DALI	Input	220-240 Vac
Base	Free Wire	IP	65	Flux	13000 lm	Axis	7200 cd
PF	0,9	Tc	4000 K	Ra	>80	LED Warranty	G5h24
IK	IK08	RG	RG1				

Dimensional characteristics



Ø	262 mm
H	150 mm
H2	174 mm

Lighting and photometric features

Beam opening	120°
Flux	13000 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	DALI
Power factor (PF)	0,9
Weighted energy consumption	100 kWh/1000h
Number of cycles	100000
Operating temperature	-25°C / +45°C

Photometry

	4000K		H(m)	D(m)	E _{max} (lx)
	Ra80			81°	
Fixture Power	100W	1	1.70	7283	
Source Flux	13000lm	2	3.40	1821	
Fixture Flux	13000lm	3	5.10	809	
Efficacy	130lm/W	4	6.80	455	
938680 I _{max} =560cd/klm	I _{max}	5	8.49	291	

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.



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	8011905938680
Minimum order quantity	1