



HBL - BEATRIX LINEAR HIGH BAY

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.



220-240
Vac

Ra >80



30000 h
L70B20

IP65

-25°C
+45°C

Risk
Group 1



60°



Characteristic data

Power	80 W	Beam	60°	Dimmable	No	Input	220-240 Vac
IP	65	Flux	7200 lm	Axis	5900 cd	PF	0,9
Tc	4000 K	Ra	>80	LED Warranty	G3	RG	RG1

Dimensional characteristics



L	1147 mm
L1	120 mm
H	53.2 mm

Lighting and photometric features

Beam opening	60°
Flux	7200 lm
Axis	5900 cd
CCT nominal colour temperature	4000 K
Colour of the light	Natural light
Colour rendering index	>80
Lifespan	30000 h
LED lifespan	L70B20

Electrical characteristics

Rated power	80 W
Input voltage	220-240 Vac
Frequency	50/60 Hz
Dimmable	No
Power factor (PF)	0,9
Weighted energy consumption	80 kWh/1000h
Operating temperature	-25°C / +45°C

Photometry

	4000K	H(m)	D1(m)	D2(m)	E _{max} (lx)
	Ra80		70°	51°	
Fixture Power	80W	1	1.40	0.95	5930
Source Flux	7200lm	2	2.81	1.90	1483
Fixture Flux	7200lm	3	4.21	2.85	659
Efficacy	90lm/W	4	5.61	3.80	371
941338 I _{max} =824cd/klm	I _{max} =5930cd	5	7.02	4.75	237

EuLumDat file on the site

LED Warranty

G3	Up to 3 years (4000h/year) *4000h = 11h a day x 365 days. 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	2300 gr
Barcode single item	8011905941338
Number of pieces multiple pack	6
Barcode multiple pack	8011905959852
Minimum order quantity	1
Minimum packaging	1 / 6