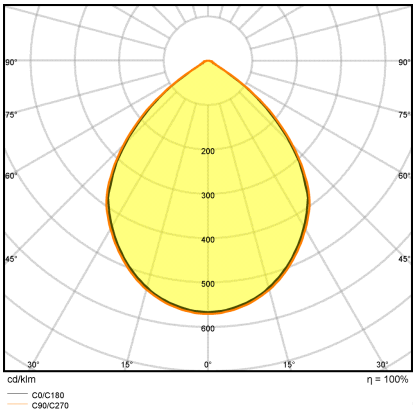
LED high bay light

LED HIGHBAY 120W/4000K BK IP44

Product Datasheet Date: 02.04.2026



120

4000K

General Data

Article No.	HIBA1768
Kod	LED HIGHBAY 120W/4000K BK IP44
Product EAN	4003556005495
Box quantitiy (pcs.)	1
EAN Box	4003556005495
Gross weight of box in kg	2.55
Length of box in m	0.39
Width of box in m	0.39
Height of box in m	0.28
Product weight	1570 g
Product status	Nieaktywne

Electric Parameters

Nominal power	120.0 W
Power factor	≥ 0.9
Nominal voltage	220-240 V
Voltage type	AC
Number of poles	2

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Electric Parameters

Inrush current	33 A
Mains frequency	50 ... 60 Hz
Suitable for lamp power	≥80 W
dimmable	Nie
Dimming with push-button	Nie
Power Select	Tak

Light Application Parameters

Luminous flux adjustable	Positions
Luminous flux	12000 lm
Rated luminous flux according to IEC 62722-2-1	12000 lm
Beam angle adjustable	Positions
Glare value	UGR ≤30
Efficacy	100 lm/W
Colour of light adjustable	Positions
CCT Switch	Tak
Colour of light	White
Color temperature	4000 K
Color temperature	4000 / 5000 / 6500 K
Color rendering index	≥ 80
Color Stability	≤ 5 sdcm
Light sharing	Symmetric

Service Life

Mean service life	30000 h
Lifetime L70B50	30000 h
No. switching cycles	≥100000

Specification

Diameter	350 mm
Height	220 mm
Cable Length	0,5 m
Material	Aluminium
Impact strength	IK07
Photobiological safety according to EN 62471	RG1
With light source	Tak

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Specification

Exchangeable control gear	Nie

Notes on Operation

Degree of protection (IP)	IP44
Mode of operation	with external LED driver
Connection type	Push-in clamp
Type of connection	Feed-in cable, 3-pole
Type of wiring	Ending
Max. number of luminaires per B10 circuit braker	14
Max. number of luminaires per B16 circuit braker	23
Max. number of luminaires per C16 circuit braker	23
Suitable for lamp power	≥80 W
Permissible storage temperture	-40…+70 °C
Ambient temperatures	-20…40 °C
Luminaire with limited surface temperature, sign "D“ according to EN 60598-2-24	Nie
Filament test according to IEC 60695-2-11	650 °C - 30 s
Mounting method	Pendant
Type of control gear	LED operating device current-controlled
Suitable for emergency lighting	Nie
Emergency power supply integrated	Nie

Information especially for EPREL

Mains/Non mains connectable	MLS
Directional or non-directional light	NDLS
Color tunable light source	Tak
Type of color temperature	STEPS
Flicker	1.0
Stroboscopic effect	0.4

Notes

Light source for high halls and large areas, integrated LED driver, little glare due to reflector design and deep-seated LED module, non-dim.

Please, refer to www.radium.de/recycling for notes on disposal of burned-out lamps as well as lamp breakage.
The "lifespan L70" described for LED lamps indicates the number of hours when the luminous flux has decreased to 70% of its initial value.
The optinal field 'info about service life' contains the frame conditions according to standards based on which the specific service life has been determined. So, for example, "12B50, 50Hz" means that the mean service life (B50) has been determined with a 12h switching cycle at mains (frequency 50Hz), "3B50, HF" is based on a 3h switching cycle at electronic control gear (high frequency).

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Special features

General notes

The technical design data in accordance with DIN and IEC. The producer does not take any responsibility for damage to persons or property in case of unsuitable operation or handling of the product. Operating data and dimensions are valid within the usual tolerances. Related lamp types (different bases, mains voltages) may be available on request. Sale and delivery are effected in accordance with the Radium Terms of Delivery and Payment valid on the day of conclusion of contract. Packing units offer economical advantages to the purchase and logistic department. Please match your quantity volume accordingly. For orders of a minimum quantity (clefts) with a lamp model the amount lower than the volume of each packaging unit, we will invoice 10 % additional charge per lamp type. Technical changes and terms of delivery are reserved. Manipulation of any kind to packaging or product is not permissible as this will violate Radium brand rights. Furthermore, technical properties of the product can change to its disadvantage or even destruction. Therefore, Radium cannot be responsible for consequential damages.
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All technical data without guarantee.