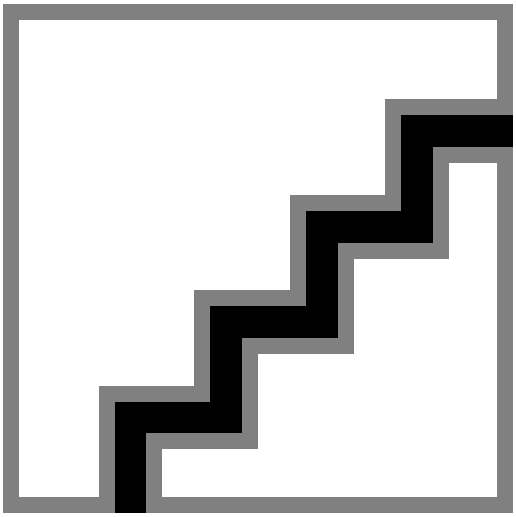


GreenUp Highbay

BY550P LED100/NW PSU NB

LED module 10500 lm, Neutral white, Power supply unit (On/Off), Narrow beam

GreenUp Highbay BY550 is a high efficient and reliable LED highbay for industrial high-ceiling facilities without humid and dusty requirement, designed for both new project and retrofit. This lighting system can deliver up to 88% energy savings with the integrated G2 Actimlume Wireless. It delivers point to point replace up to 400W HID and T5 6x54W higbay with easy installation. There are three beam shapes to choose with good light quality CRI85 and UGR 17. Integrated with G2 Actilume Wireless, GreenUp BY550 provide connected lighting with daylight , occupancy sensor, and ZigBee wireless communication, will increase your savings by upgrading to an intelligent system and delivering one-stop solution for your Factory, Warehouse, Distribution center, Indoor spot hall, and other high ceiling indoor application.

Product data

General Information	
Lamp family code	LED105 [LED module 10500 lm]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver included	Yes
Light source engine type	LED
CE mark	CE mark
Flammability mark	-
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 30 s

Light Technical	
Luminous Flux	14,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	>85
Light source color	Neutral white
Optic type	Narrow beam
Optical cover type	Polycarbonate bowl/cover clear
Luminaire light beam spread	70°

Operating and Electrical	
Input Voltage	220 to 240 V

GreenUp Highbay

Line Frequency	50 to 60 Hz
Power Consumption	80 W
Power Factor (Fraction)	0.9
Connection	Screw connection block 3-pole
Cable	-
Number of products on MCB of 16 A type B	24

Temperature

Ambient temperature range	-20 to +40 °C

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	Yes

Mechanical and Housing

Housing Material	Metal–Plastic
Optic material	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate
Housing Color	White
Optical cover finish	Clear

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7.5%
Initial chromaticity	-
Power consumption tolerance	+/-10%

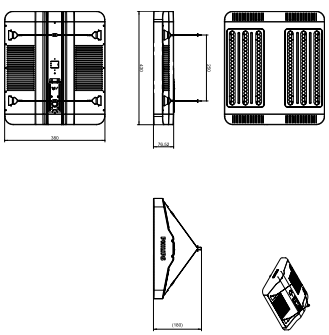
Application Conditions

Maximum dim level	Not applicable

Product Data

Order product name	BY550P LED100/NW PSU NB
Full product name	BY550P LED100/NW PSU NB
Full product code	911401524321
Order code	911401524321
Material Nr. (12NC)	911401524321
Local order code	BY550P80W4KFNB
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.