



GreenUp Highbay

BY550P LED100/NW PSD NB

LED module 10500 lm, Neutral white, Power supply unit with DALI interface, 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 Acticlume 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 Acticlume 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		Light Technical	
Lamp family code	LED105 [LED module 10500 lm]	Luminous Flux	10,000 lm
Light source replaceable	No	Correlated Color Temperature (Nom)	4000 K
Number of gear units	1 unit	Luminous Efficacy (rated) (Nom)	100 lm/W
Gear	-	Color rendering index (CRI)	>85
Driver included	Yes	Light source color	Neutral white
Light source engine type	LED	Optic type	Narrow beam
Glow-wire test	Temperature 650 °C, duration 30 s	Optical cover type	Polycarbonate bowl/cover clear
Flammability mark	-	Luminaire light beam spread	70°
CE mark	CE mark	Operating and Electrical	
ENEC mark	-	Input Voltage	220 to 240 V

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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
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
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	1% (depends on dimmer, ELV)
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Product Data

Order product name	BY550P LED100/NW PSD NB
Full product name	BY550P LED100/NW PSD NB
Full product code	911401522621
Order code	911401522621
Material Nr. (12NC)	911401522621
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing

