



GreenUp Highbay

BY550X LED140/NW ACW2 IS HRO

LED module 14000 lm, Neutral white, High-rack optic

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 Actilume 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	LED140 [LED module 14000 lm]	Correlated Color Temperature (Nom)	4000 K
Light source replaceable	No	Luminous Efficacy (rated) (Nom)	100 lm/W
Number of gear units	2 units	Color rendering index (CRI)	>85
Gear	-	Light source color	Neutral white
Driver included	Yes	Optic type	High-rack optic
Light source engine type	LED	Optical cover type	Polycarbonate bowl/cover clear
CE mark	CE mark	Luminaire light beam spread	90°
Flammability mark	-	Operating and Electrical	
ENEC mark	-	Input Voltage	220 to 240 V
Glow-wire test	Temperature 650 °C, duration 30 s	Line Frequency	50 to 60 Hz
Light Technical		Power Consumption	110 W
Luminous Flux	14,000 lm	Power Factor (Fraction)	0.9
		Connection	Screw connection block 3-pole

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Cable	-
Number of products on MCB of 16 A type B	12

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
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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	BY550X LED140/NW ACW2 IS HRO
Full product name	BY550X LED140/NW ACW2 IS HRO
Full product code	911401537721
Local code description	BY550P110W4KWHR
Order code	911401537721
Material Nr. (12NC)	911401537721
Local order code	BY550P110W4KWHR
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing

