



GreenUp Highbay

BY550X LED140/CW ACW2 IS NB

LED module 14000 lm, Cool white, 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 Actilume Wireless. It delivers point to point replace up to 400W HID and T5 6x54W highbay 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]	Light source color	Cool white
Light source replaceable	No	Optic type	Narrow beam
Number of gear units	2 units	Optical cover type	Polycarbonate bowl/cover clear
Gear	-	Luminaire light beam spread	70°
Driver included	Yes	Operating and Electrical	
CE mark	CE mark	Input Voltage	220-240 V
Flammability mark	-	Line Frequency	50 to 60 Hz
ENEC mark	-	Power Consumption	110 W
Glow-wire test	Temperature 650 °C, duration 30 s	Power Factor (Fraction)	0.9
Light Technical		Connection	Screw connection block 3-pole
Correlated Color Temperature (Nom)	6500 K	Cable	-
Color rendering index (CRI)	>85		

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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
Constant light output	Yes

Mechanical and Housing

Housing Material	Metal–Plastic
Optic material	Polymethyl methacrylate
Housing Color	White

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	BY550X LED140/CW ACW2 IS NB
Full product name	BY550X LED140/CW ACW2 IS NB
Full product code	911401537021
Order code	911401537021
Material Nr. (12NC)	911401537021
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing

