PHILIPS Lighting



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 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

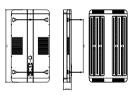
General Information	
Lamp family code	LED140 [LED module 14000 lm]
Light source replaceable	No
Number of gear units	2 units
Gear	-
Driver included	Yes
Light source engine type	LED
CE mark	CE mark
Flammability mark	-
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
Light Technical	
Luminous 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	High-rack optic		
Optical cover type	Polycarbonate bowl/cover clear		
Luminaire light beam spread	90°		
Operating and Electrical			
Input Voltage	220 to 240 V		
Line Frequency	50 to 60 Hz		
Power Consumption	110 W		
Power Factor (Fraction)	0.9		
Connection	Screw connection block 3-pole		

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Cable	-	Protection class IEC	Safety class I
Number of products on MCB of 16 A typ	e B 12		
		Initial Performance (IEC Compliant)	
Temperature		Luminous flux tolerance	+/-7.5%
Ambient temperature range	-20 to +40 °C	Initial chromaticity	-
		Power consumption tolerance	+/-10%
Controls and Dimming			
Dimmable	Yes	Application Conditions	
Driver/power unit/transformer	Power supply unit with DALI interface	Maximum dim level	1% (depends on dimmer, ELV)
Control interface	-		
Constant light output	Yes	Product Data	
		Order product name	BY550X LED140/NW ACW2 IS HRO
Mechanical and Housing		Full product name	BY550X LED140/NW ACW2 IS HRO
Housing Material	Metal-Plastic	Full product code	911401537721
Optic material	Polymethyl methacrylate	Local code description	BY550P110W4KWHR
Optical cover material	Polymethyl methacrylate	Order code	911401537721
Housing Color	White	Material Nr. (12NC)	911401537721
Optical cover finish	Clear	Local order code	BY550P110W4KWHR
		Numerator - Quantity Per Pack	1
Approval and Application		Numerator - Packs per outer box	1
Ingress protection code	IP20 [Finger-protected]		
Mech. impact protection code	IK03 [0.3 J]		

Dimensional drawing







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