PHILIPS Lighting



GreenUp Highbay

BY550X LED200/NW ACW2 IS NB

LED module 20600 lm, Neutral 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 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

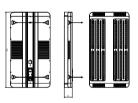
General Information		
Lamp family code	LED206 [LED module 20600 lm]	
Light source replaceable	No	
Number of gear units	2 units	
Gear	-	
Driver included	Yes	
Light source engine type	LED	
	Temperature 650 °C, duration 30 s	
Glow-wire test	Temperature 650 °C, duration 30 s	
Glow-wire test Flammability mark	Temperature 650 °C, duration 30 s -	
Flammability mark	-	
Flammability mark CE mark	- CE mark	
Flammability mark CE mark	- CE mark	
Flammability mark CE mark ENEC mark	- CE mark	

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		
Line Frequency	50 to 60 Hz		
Power Consumption	160 W		
Power Factor (Fraction)	0.9		
Connection	Screw connection block 3-pole		

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Cable	-	Mech. impact protection code	IKO3 [0.3 J]	
Number of products on MCB of 16 A typ	be B 12	Protection class IEC	Safety class I	
Temperature		Initial Performance (IEC Compliant)		
Ambient temperature range	-20 to +40 °C	Luminous flux tolerance	+/-7.5%	
		Initial chromaticity	-	
Controls and Dimming		Power consumption tolerance	+/-10%	
Dimmable	Yes			
Driver/power unit/transformer	Power supply unit with DALI interface	Application Conditions		
Control interface	-	Maximum dim level	1% (depends on dimmer, ELV)	
Constant light output	Yes			
		Product Data		
Mechanical and Housing		Order product name	BY550X LED200/NW ACW2 IS NB	
Housing Material	Metal-Plastic	Full product name	BY550X LED200/NW ACW2 IS NB	
Optic material	Polymethyl methacrylate	Full product code	911401537221	
Optical cover material	Polymethyl methacrylate	Order code	911401537221	
Housing Color	White	Material Nr. (12NC)	911401537221	
Optical cover finish	Clear	Numerator - Quantity Per Pack	1	
		Numerator - Packs per outer box	1	
Approval and Application				
Ingress protection code	IP20 [Finger-protected]			

Dimensional drawing







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