PHILIPS Lighting



GreenUp Highbay G2

BY560P LED160/NW PSU HRO

GreenUp Highbay G2, 120 W, 16000 lm, 4000 K, 45° x 90°

Height is not an issue any more, maximum 16m movement detection together with the wireless ZigBee control, GreenUp HighBay G2,light up your space smartly.

Warnings and Safety

- The product is IPXO & as such is not protected against water ingress & as such we strongly recommend that the environment in which the luminaire is to be installed is suitably checked
- If the above advice is not taken and the luminaires are subject to water ingress, Philips / Signify cannot guarantee safe failure & product warranty will become void

Product data

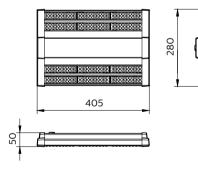
General Information		
Light source replaceable	No	
Number of gear units	1 unit	
Driver included	Yes	
Light source engine type	LED	
CE mark	CE mark	
Warranty period	3 years	
Flammability mark	For mounting on normally flammable	
	surfaces	
ENEC mark	-	
Glow-wire test	Temperature 650 °C, duration 5 s	
Light Technical		
Luminous Flux	16,000 lm	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	133 lm/W	
Color rendering index (CRI)	>80	

Beam angle of light source	- degree(s)	
Light source color	840 neutral white	
Optic type	High-rack optic	
Optical cover type	Linear-lens array in polycarbonate cover	
Luminaire light beam spread	45° x 90°	
Operating and Electrical		
Input Voltage	220 to 240 V	
Line Frequency	50 to 60 Hz	
Inrush current	46 A	
Inrush time	440 ms	
Power Consumption	120 W	
Power Factor (Fraction)	0.95	
Connection	Flying leads/wires	
Cable	Cable 1.5 m without plug	
Number of products on MCB of 16 A type B 11		

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Temperature		Initial Performance (IEC Complia	Initial Performance (IEC Compliant)	
Ambient temperature range	-20 to +45 °C	Luminous flux tolerance	+/-10%	
		Initial chromaticity	(0.38.0.38)SDCM<5	
Controls and Dimming		Power consumption tolerance	+/-10%	
Dimmable	No			
Driver/power unit/transformer	Power supply unit (On/Off)	Over Time Performance (IEC Con	Over Time Performance (IEC Compliant)	
Control interface	-	Driver failure rate at 5000 h	0.01 %	
Constant light output	No	Median useful life L70B50	65,000 hour(s)	
		Median useful life L80B50	45,000 hour(s)	
Mechanical and Housing		Median useful life L90B50	25,000 hour(s)	
Housing Material	Aluminum extruded			
Reflector material	-	Application Conditions		
Optic material	Polycarbonate	Maximum dim level	Not applicable	
Optical cover material	Polycarbonate	Suitable for random switching	No	
Fixation material	-			
Housing Color	Aluminum and white	Product Data		
Optical cover finish	Clear	Order product name	BY560P LED160/NW PSU HRO	
Overall length	405 mm	Full product name	BY560P LED160/NW PSU HRO	
Overall width	280 mm	Full product code	911401503551	
		Order code	911401503551	
Approval and Application		Material Nr. (12NC)	911401503551	
Ingress protection code	IP40 [Wire-protected]	Numerator - Quantity Per Pack	1	
Mech. impact protection code	IK03 [0.3 J]	Numerator - Packs per outer box	2	
Protection class IEC	Safety class I			

Dimensional drawing





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