PHILIPS Lighting



GreenUp Highbay G2

BY560P LED160/NW PSU WB

GreenUp Highbay G2, 120 W, 16000 lm, 4000 K, 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

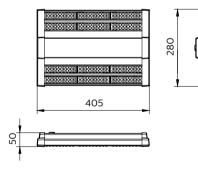
General Information		
Light source replaceable	No	
Number of gear units	1 unit	
Driver included	Yes	
Light source engine type	LED	
CE mark	CE mark	
Warranty period	3 years	
Flammability mark	For mounting on normally flammable	
	surfaces	
ENEC mark	-	
Glow-wire test	Temperature 650 °C, duration 5 s	
Light 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	Wide beam
Optical cover type	Linear-lens array in polycarbonate cover
Luminaire light beam spread	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

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Temperature		Initial Performance (IEC Complia	unt)
Ambient temperature range	-20 to +45 ℃	Luminous flux tolerance	+/-10%
	2010 145 C	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 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 WB
Overall length	405 mm	Full product name	BY560P LED160/NW PSU WB
Overall width	280 mm	Full product code	911401504051
		Order code	911401504051
Approval and Application		Material Nr. (12NC)	911401504051
ngress protection code	IP40 [Wire-protected]	Numerator - Quantity Per Pack	1
Mech. impact protection code	IKO3 [0.3 J]	Numerator - Packs per outer box	2
Protection class IEC	Safety class I		

Dimensional drawing





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