PHILIPS Lighting



GreenUp Highbay G2

BY560P LED105/NW PSD/CL WB CAU

GreenUp Highbay G2, 75 W, 10500 lm, 4000 K, DALI, 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		Beam angle o
Light source replaceable	No	Light source
Number of gear units	1 unit	Optic type
Driver included	Yes	Optical cover
Light source engine type	LED	Luminaire lig
CE mark	CE mark	
Warranty period	3 years	Operating a
Flammability mark	For mounting on normally flammable	Input Voltage
	surfaces	Line Frequen
ENEC mark	-	Inrush curren
Glow-wire test	Temperature 650 °C, duration 5 s	Inrush time
		Power Consu
Light Technical		Power Factor
Luminous Flux	10,500 lm	Connection
Correlated Color Temperature (Nom)	4000 K	Cable
Luminous Efficacy (rated) (Nom)	140 lm/W	Number of pr
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	5.1 A
Inrush time	760 ms
Power Consumption	75 W
Power Factor (Fraction)	0.95
Connection	-
Cable	Cable 3.0 m with plug
Number of products on MCB of 16 A	type B 24

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Temperature		Initial chromaticity	(0.38.0.38)SDCM<5
Ambient temperature range	-20 to +45 °C	Power consumption tolerance	+/-10%
Controls and Dimming		Over Time Performance (IEC Cor	npliant)
Dimmable	Yes	Driver failure rate at 5000 h	0.01 %
Driver/power unit/transformer	Power supply unit with DALI interface	Median useful life L70B50	65,000 h
Control interface	DALI	Median useful life L80B50	45,000 h
Constant light output	No	Median useful life L90B50	25,000 h
Mechanical and Housing		Application Conditions	
Housing Material	Aluminum extruded	Maximum dim level	1% (depends on dimmer, ELV)
Reflector material	-	Suitable for random switching	No
Optic material	Polycarbonate		
Optical cover material	Polycarbonate	Product Data	
Fixation material	-	Order product name	BY560P LED105/NW PSD/CL WB CA
Housing Color	Aluminum and white	Full product name	BY560P LED105/NW PSD/CL WB CA
Optical cover finish	Clear	Full product code	871016333680000
Overall length	525 mm	Order code	911401505851
Overall width	190 mm	Material Nr. (12NC)	911401505851
		Numerator - Quantity Per Pack	1
Approval and Application		EAN/UPC - Product/Case	8710163336800
Ingress protection code	IP40 [Wire-protected]	Numerator - Packs per outer box	2
Mech. impact protection code	IK03 [0.3 J]	EAN/UPC - Case	8710163336800
Protection class IEC	Safety class I		
		_	
Initial Performance (IEC Compli	ant)	_	
Luminous flux tolerance	+/-10%	_	

Dimensional drawing



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