# **PHILIPS** Lighting



# **GreenUp Highbay G2**

## BY560P LED160/NW PSD/CL WB

GreenUp Highbay G2, 120 W, 16000 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**

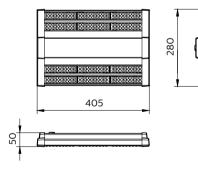
General Information		
Light source replaceable	No	
Number of gear units	1 unit	
Driver included	Yes	
Light source engine type	LED	
CE mark	CE mark	
Warranty period	3 years	
Flammability mark	For mounting on normally flammable	
	surfaces	
ENEC mark	-	
Glow-wire test	Temperature 650 °C, duration 5 s	
Light 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	5.1 A		
Inrush time	760 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 24			

### GreenUp Highbay G2

Temperature		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	Yes		
Driver/power unit/transformer	Power supply unit with DALI interface	Over Time Performance (IEC Compliant)	
Control interface	DALI	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	1% (depends on dimmer, ELV)
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 PSD/CL WB
Overall length	405 mm	Full product name	BY560P LED160/NW PSD/CL WB
Overall width	280 mm	Full product code	911401507451
		Order code	01507451
Approval and Application		Material Nr. (12NC)	911401507451
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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