



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 IPX0 & 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	Beam angle of light source	- degree(s)
Number of gear units	1 unit	Light source color	840 neutral white
Driver included	Yes	Optic type	High-rack optic
Light source engine type	LED	Optical cover type	Linear-lens array in polycarbonate cover
CE mark	CE mark	Luminaire light beam spread	45° x 90°
Warranty period	3 years	Operating and Electrical	
Flammability mark	For mounting on normally flammable surfaces	Input Voltage	220 to 240 V
ENEC mark	-	Line Frequency	50 to 60 Hz
Glow-wire test	Temperature 650 °C, duration 5 s	Inrush current	46 A
Light Technical		Inrush time	440 ms
Luminous Flux	16,000 lm	Power Consumption	120 W
Correlated Color Temperature (Nom)	4000 K	Power Factor (Fraction)	0.95
Luminous Efficacy (rated) (Nom)	133 lm/W	Connection	Flying leads/wires
Color rendering index (CRI)	>80	Cable	Cable 1.5 m without plug
		Number of products on MCB of 16 A type B	11

GreenUp Highbay G2

Temperature

Ambient temperature range	-20 to +45 °C
---------------------------	---------------

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum extruded
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	Aluminum and white
Optical cover finish	Clear
Overall length	405 mm
Overall width	280 mm

Approval and Application

Ingress protection code	IP40 [Wire-protected]
Mech. impact protection code	IK03 [0.3 J]
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38.0.38)SDCM<5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.01 %
Median useful life L70B50	65,000 hour(s)
Median useful life L80B50	45,000 hour(s)
Median useful life L90B50	25,000 hour(s)

Application Conditions

Maximum dim level	Not applicable
Suitable for random switching	No

Product Data

Order product name	BY560P LED160/NW PSU HRO
Full product name	BY560P LED160/NW PSU HRO
Full product code	911401503551
Order code	01503551
Material Nr. (12NC)	911401503551
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2

Dimensional drawing

