



# 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 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	Wide beam
Light source engine type	LED	Optical cover type	Linear-lens array in polycarbonate cover
CE mark	CE mark	Luminaire light beam spread	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	5.1 A
Light Technical		Inrush time	760 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	24

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### Temperature

Ambient temperature range	-20 to +45 °C
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### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
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	1% (depends on dimmer, ELV)
Suitable for random switching	No

### Product Data

Order product name	BY560P LED160/NW PSD/CL WB
Full product name	BY560P LED160/NW PSD/CL WB
Full product code	911401507451
Order code	911401507451
Material Nr. (12NC)	911401507451
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2

## Dimensional drawing

