



# GreenUp Highbay G2

## BY560P LED160/NW PSU HRO CAU

840 neutral white - Power supply unit - High-rack optic

Height is not an issue any more, maximum 16 m 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 and 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 and product warranty will become void

### Product data

General Information		Operating and Electrical	
Beam angle of light source	- °	Flammability mark	F [ For mounting on normally flammable surfaces]
Lamp colour code	840 neutral white	CE mark	CE mark
Light source replaceable	No	ENEC mark	-
Number of gear units	1 unit	Warranty period	3 years
Driver/power unit/transformer	PSU [ Power supply unit]	Constant light output	No
Driver included	Yes	Number of products on MCB (16 A type B)	11
Optic type	HRO [ High-rack optic]	Light source engine type	LED
Optical cover/lens type	LIN-PC [ Linear-lens array in polycarbonate cover]		
Luminaire light beam spread	45° x 90°	Input Voltage	220 to 240 V
Control interface	-	Input frequency	50 to 60 Hz
Connection	No [ -]	Inrush current	46 A
Cable	Cable 3.0 m with plug	Inrush time	440 ms
Protection class IEC	Safety class I (I)	Power factor (min.)	0.95
Glow-wire test	650/5 [ Temperature 650 °C, duration 5 s]		

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## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Housing material	Aluminum extruded
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Optical cover/lens finish	Clear
Overall length	405 mm
Overall width	280 mm
Colour	Aluminium and White

## Approval and Application

Ingress protection code	IP40 [ Wire-protected]
Mech. impact protection code	IK03 [ 0.3 J]

## Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	16000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	133 lm/W
Lamp colour temperature	4000 K
Colour Rendering Index	>80
Initial chromaticity	(0.38,0.38)SDCM<5

Initial input power	120 W
Power consumption tolerance	+/-10%

## Over Time Performance (IEC Compliant)

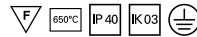
Median useful life L70B50	65000 h
Median useful life L80B50	45000 h
Median useful life L90B50	25000 h

## Application Conditions

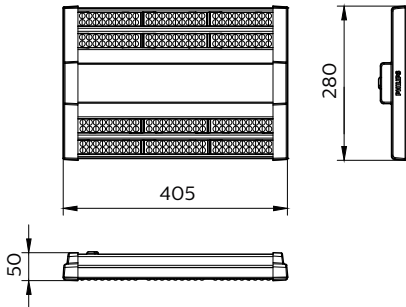
Ambient temperature range	-20 to +45 °C
Maximum dimming level	Not applicable
Suitable for random switching	No

## Product Data

Full product code	871016333684800
Order product name	BY560P LED160/NW PSU HRO CAU
EAN/UPC – product	8710163336848
Order code	911401504951
SAP numerator – quantity per pack	1
Numerator – packs per outer box	2
SAP material	911401504951
SAP net weight (piece)	3.199 kg



## Dimensional drawing



GreenUp High-bay BY550P/BY550X

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