



# GreenUp Highbay G2

## BY560P LED160/NW PSD/CL NB

840 neutral white - Power supply unit with DALI interface - Narrow beam

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.

### Product data

General Information	
Beam angle of light source	- °
Light source colour	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSD [ Power supply unit with DALI interface]
Driver included	Yes
Optic type	NB [ Narrow beam]
Optical cover/lens type	LIN-PC [ Linear-lens array in polycarbonate cover]
Luminaire light beam spread	60°
Control interface	DALI
Connection	Flying leads/wires
Cable	Cable 1.5 m without plug (CIK5)
Protection class IEC	Safety class I (I)
Glow-wire test	650/5 [ Temperature 650 °C, duration 5 s]
Flammability mark	F [ For mounting on normally flammable surfaces]
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
Constant light output	No

Number of products on MCB	24
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Operating and Electrical	
Input voltage	220 to 240 V
Input frequency	50 to 60 Hz
Inrush current	5.1 A
Inrush time	760 ms
Power factor (min.)	0.95

Controls and Dimming	
Dimmable	Yes

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

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Colour	Aluminum and white
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## Approval and Application

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

## Initial Performance (IEC Compliant)

Initial luminous flux	16000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	133 lm/W
Init. Corr. colour temperature	4000 K
Init. 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
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## Application Conditions

Ambient temperature range	-20 to +45 °C
Maximum dimming level	1% (depends on dimmer, ELV)
Suitable for random switching	No

## Product Data

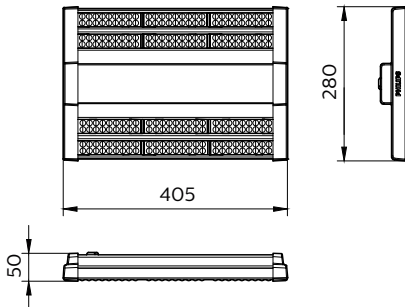
Full product code	911401507351
Order product name	BY560P LED160/NW PSD/CL NB
Order code	01507351
Numerator – quantity per pack	1
Numerator – packs per outer box	2
Material no. (12NC)	911401507351
Net weight (piece)	2.849 kg



## 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

## Dimensional drawing



GreenUp High-bay BY550P/BY550X

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