



GreenUp Highbay G2

BY560P LED160/NW PSU NB CAU

840 neutral white - Power supply unit - 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.

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		Flammability mark	
Beam angle of light source	- °		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	NB [Narrow beam]	LED engine type	LED
Optical cover/lens type	LIN-PC [Linear-lens array in polycarbonate cover]	Operating and Electrical	
Luminaire light beam spread	60°	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	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)

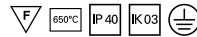
Median useful life L70B50	65000 h
Median useful life L80B50	45000 h
Median useful life L90B50	25000 h

Application Conditions

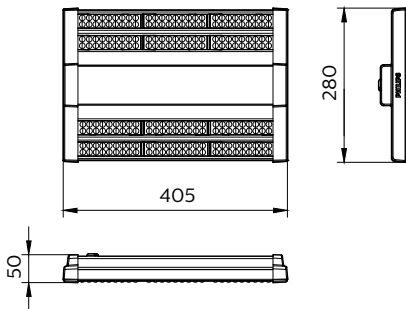
Ambient temperature range	-20 to +45 °C
Maximum dimming level	Not applicable
Suitable for random switching	No

Product Data

Full product code	871016333682400
Order product name	BY560P LED160/NW PSU NB CAU
EAN/UPC – product	8710163336824
Order code	911401504651
Numerator – quantity per pack	1
SAP numerator – packs per outer box	2
Material no. (12 NC)	911401504651
SAP net weight (piece)	3.199 kg



Dimensional drawing



GreenUp High-bay BY550P/BY550X

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