



GreenUp Highbay G2

BY560P LED160/NW PSD/CL HRO

840 neutral white - Power supply unit with DALI interface - 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			
Beam angle of light source	- °	Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]
Light source colour	840 neutral white	Flammability mark	F [For mounting on normally flammable surfaces]
Light source replaceable	No	CE mark	CE mark
Number of gear units	1 unit	ENEC mark	-
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]	Warranty period	3 years
Driver included	Yes	Constant light output	No
Optic type	HRO [High-rack optic]	Number of products on MCB (16 A type B)	24
Optical cover/lens type	LIN-PC [Linear-lens array in polycarbonate cover]	Light source engine type	LED
Luminaire light beam spread	45° x 90°	Operating and Electrical	
Control interface	DALI	Input Voltage	220 to 240 V
Connection	Flying leads/wires	Input frequency	50 to 60 Hz
Cable	Cable 1.5 m without plug (CIK5)	Inrush current	5.1 A
Protection class IEC	Safety class I (I)	Inrush time	760 ms

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Power factor (min.)	0.95
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Controls and Dimming

Dimmable	Yes
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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	Aluminum 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
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)

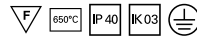
Median useful life L70B50	65000 h
Median useful life L80B50	45000 h
Median useful life L90B50	25000 h

Application Conditions

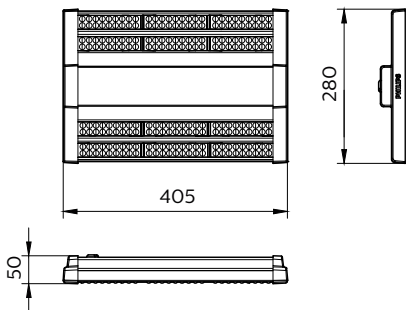
Ambient temperature range	-20 to +45 °C
Maximum dimming level	1% (depends on dimmer, ELV)
Suitable for random switching	No

Product Data

Full product code	911401506851
Order product name	BY560P LED160/NW PSD/CL HRO
Order code	01506851
SAP numerator – quantity per pack	1
Numerator – packs per outer box	2
SAP material	911401506851
SAP net weight (piece)	2.849 kg



Dimensional drawing



GreenUp High-bay BY550P/BY550X

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