



# GreenUp Highbay G2

## BY560P LED105/CW PSD/CL HRO

865 cool daylight - 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.

### Product data

General Information	
Beam angle of light source	- °
Light source colour	865 cool daylight
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	HRO [ High-rack optic]
Optical cover/lens type	LIN-PC [ Linear-lens array in polycarbonate cover]
Luminaire light beam spread	45° x 90°
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

LED engine type	LED
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	525 mm
Overall width	190 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	10500 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	140 lm/W
Init. Corr. Colour Temperature	6500 K
Init. Color rendering index	>80
Initial chromaticity	(0.313.0.324)SDCM<5
Initial input power	75 W
Power consumption tolerance	+/-10%

### Over Time Performance (IEC Compliant)

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

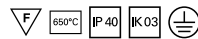
Median useful life L90B50	25000 h
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### Application Conditions

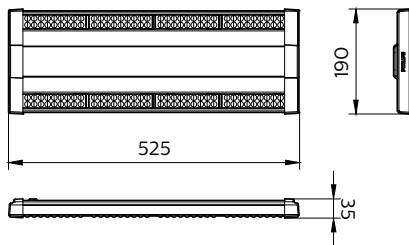
Ambient temperature range	-20 to +45 °C
Maximum dimming level	1% (depends on dimmer, ELV)
Suitable for random switching	No

### Product Data

Full product code	911401502551
Order product name	BY560P LED105/CW PSD/CL HRO
Order code	01502551
Numerator – quantity per pack	1
Numerator – packs per outer box	2
Material no. (12NC)	911401502551
Net weight (piece)	2.299 kg



## Dimensional drawing



GreenUp High-bay BY550P/BY550X

