



Innovation meets Simplicity: Intelligent lighting revolutionises HighBay illumination

GreenUp Highbay G2

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.

Benefits

- Light as need, provides additional energy savings on the intelligent version (BY560X) (depends on usage behaviour)
- Future-proof system: wireless adjustment of lighting settings and fast re-zoning if use of space changes via the intelligent version (BY560X)
- Precise light distribution to light up your space efficiently
- Provides better protection against dust and insects

Features

- Different lighting levels and timings can be set per sensor, group and ZigBee network of luminaires (BY560X)
- Advanced sensor technology for effective presence and daylight detection
- High efficacy: Up to 140 lumens per watt
- CRI>80; R9>0; Wide beam, narrow beam and high rack optic choices are available
- Lifetime 65 Khrs @L70B50 with IP40 protection

Application

- General Industry Application: Warehouse; Distribution centre; Factory
- Indoor sports hall
- Other high ceiling indoor applications

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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

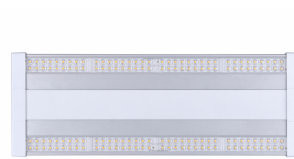
Versions



Product details



GreenUp Highbay G2 BY560P
LED105 B



GreenUp Highbay G2 BY560P
LED105 F



GreenUp Highbay G2 BY560P
LED210 B



GreenUp Highbay G2 BY560P
LED210 F



GreenUp Highbay G2 BY560P
LED160 F



GreenUp Highbay G2 BY560P
LED160 B

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Application Conditions

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

Approval and Application

Mech. impact protection code	IK03
Ingress protection code	IP40

Controls and Dimming

Dimmable	No
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Operating and Electrical

Input Voltage	220 to 240 V
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General Information

Beam angle of light source	- °
CE mark	CE mark
Protection class IEC	Safety class I
Optical cover/lens type	Linear-lens array in polycarbonate cover
Driver included	Yes
ENEC mark	-
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 5 s
Light source replaceable	No
Number of gear units	One unit

Initial Performance (IEC Compliant)

Init. Colour rendering index	>80
Luminous flux tolerance	+/-10%

Mechanical and Housing

Colour	Aluminium and White
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Over Time Performance (IEC Compliant)

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

General Information

Order Code	Full Product Name	Optic type
911401502351	BY560P LED210/NW PSU WB	Wide beam
911401503851	BY560P LED210/CW PSU WB	Wide beam
911401503251	BY560P LED105/CW PSU NB	Narrow beam
911401503451	BY560P LED105/CW PSU WB	Wide beam
911401504351	BY560P LED160/CW PSU WB	Wide beam

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
911401502351	BY560P LED210/N	(0.38,0.38)SDCM<5	4000 K	137 lm/W	21000 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
	W PSU				
	WB				

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Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
911401503851	BY560P LED210/C W PSU WB	(0.313.0.324)SDCM<5	6500 K	137 lm/W	21000 lm
911401503251	BY560P LED105/C W PSU NB	(0.313.0.324)SDCM<5	6500 K	140 lm/W	10500 lm
911401503451	BY560P LED105/C	(0.313.0.324)SDCM<5	6500 K	140 lm/W	10500 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
911401504351	BY560P LED160/C W PSU WB	(0.313.0.324)SDCM<5	6500 K	133 lm/W	16000 lm

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
911401502351	BY560P LED210/NW PSU WB	153 W
911401503851	BY560P LED210/CW PSU WB	153 W
911401503251	BY560P LED105/CW PSU NB	75 W

Order Code	Full Product Name	Initial input power
911401503451	BY560P LED105/CW PSU WB	75 W
911401504351	BY560P LED160/CW PSU WB	120 W

