



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

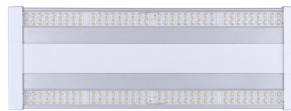
Versions



Product details



GreenUp Highbay G2 BY560P
LED105 B



GreenUp Highbay G2 BY560P
LED105 F



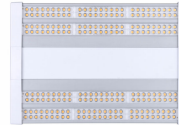
GreenUp Highbay G2 BY560P
LED210 B

GreenUp Highbay G2

Product details



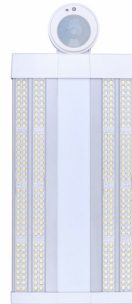
GreenUp Highbay G2 BY560P
LED210 F



GreenUp Highbay G2 BY560P
LED160 F



GreenUp Highbay G2 BY560P
LED160 B



GreenUp Highbay G2 BY560X
LED210 F



GreenUp Highbay G2 BY560X
LED210 B

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Application Conditions

Ambient temperature range -20 to +45 °C

Approval and Application

Mech. impact protection code IK03

Ingress protection code IP40

Operating and Electrical

Input Voltage 220 to 240 V

General Information

Beam angle of light source - °

CE mark CE mark

Protection class IEC Safety class I (I)

Optical cover/lens type LIN-PC

Driver included Yes

ENEC mark -

Flammability mark F

Glow-wire test 650/5

Light source replaceable No

Number of gear units 1 unit

Initial Performance (IEC Compliant)

Init. Colour rendering index >80

Luminous flux tolerance +/-10%

Mechanical and Housing

Colour Aluminium and White

Over Time Performance (IEC Compliant)

Median useful life L80B50 45000 h

Median useful life L90B50 25000 h

Application Conditions

Order Code	Full Product Name	Maximum dimming level	Suitable for random switching
911401504051	BY560P LED160/NW PSU WB	Not applicable	No
911401504551	BY560P LED160/NW PSU WB CAU	Not applicable	No
911401504451	BY560P LED105/NW PSU WB CAU	Not applicable	No
911401505351	BY560P LED105/NW PSU HRO CAU	Not applicable	No
911401505851	BY560P LED105/NW PSD/CL WB CAU	1% (depends on dimmer, ELV)	No
911401505651	BY560P LED210/NW PSD/CL WB CAU	1% (depends on dimmer, ELV)	No
911401506251	BY560P LED210/CW PSD/CL WB CAU	1% (depends on dimmer, ELV)	No
911401506351	BY560P LED210/NW PSD/CL HRO CAU	1% (depends on dimmer, ELV)	No
911401520151	BY560X LED210/NW ACW2 IS WB CAU	1%	Yes
911401520251	BY560X LED210/NW ACW2 IS HRO CAU	1%	Yes
911401521951	BY560X LED160/NW ACW2 IS WB CAU	1%	Yes

Controls and Dimming

Order Code	Full Product Name	Dimmable
911401504051	BY560P LED160/NW PSU WB	No
911401504551	BY560P LED160/NW PSU WB CAU	No
911401504451	BY560P LED105/NW PSU WB CAU	No
911401505351	BY560P LED105/NW PSU HRO CAU	No
911401505851	BY560P LED105/NW PSD/CL WB CAU	Yes
911401505651	BY560P LED210/NW PSD/CL WB CAU	Yes

Order Code	Full Product Name	Dimmable
911401506251	BY560P LED210/CW PSD/CL WB CAU	Yes
911401506351	BY560P LED210/NW PSD/CL HRO CAU	Yes
911401520151	BY560X LED210/NW ACW2 IS WB CAU	Wireless Dim
911401520251	BY560X LED210/NW ACW2 IS HRO CAU	Wireless Dim
911401521951	BY560X LED160/NW ACW2 IS WB CAU	Wireless Dim

General Information

Order Code	Full Product Name	Optic type
911401504051	BY560P LED160/NW PSU WB	WB
911401504551	BY560P LED160/NW PSU WB CAU	WB
911401504451	BY560P LED105/NW PSU WB CAU	WB
911401505351	BY560P LED105/NW PSU HRO CAU	HRO
911401505851	BY560P LED105/NW PSD/CL WB CAU	WB
911401505651	BY560P LED210/NW PSD/CL WB CAU	WB

Order Code	Full Product Name	Optic type
911401506251	BY560P LED210/CW PSD/CL WB CAU	WB
911401506351	BY560P LED210/NW PSD/CL HRO CAU	HRO
911401520151	BY560X LED210/NW ACW2 IS WB CAU	WB
911401520251	BY560X LED210/NW ACW2 IS HRO CAU	HRO
911401521951	BY560X LED160/NW ACW2 IS WB CAU	WB

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Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
911401504051	BY560P LED160/N W PSU WB	(0.38.0.38)SDCM<5	4000 K	133 lm/W	16000 lm
911401504551	BY560P LED160/N W PSU WB CAU	(0.38.0.38)SDCM<5	4000 K	133 lm/W	16000 lm
911401504451	BY560P LED105/N W PSU WB CAU	(0.38.0.38)SDCM<5	4000 K	140 lm/W	10500 lm
911401505351	BY560P LED105/N W PSU HRO CAU	(0.38.0.38)SDCM<5	4000 K	140 lm/W	10500 lm
911401505851	BY560P LED105/N W PSD/CL WB CAU	(0.38.0.38)SDCM<5	4000 K	140 lm/W	10500 lm
911401505651	BY560P LED210/N WB CAU	(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 PSD/CL WB CAU				
911401506251	BY560P LED210/C W PSD/CL WB CAU	(0.313.0.324)SDCM<5	6500 K	137 lm/W	21000 lm
911401506351	BY560P LED210/N W PSD/CL HRO CAU	(0.38.0.38)SDCM<5	4000 K	137 lm/W	21000 lm
911401520151	BY560X LED210/N W ACW2 IS WB CAU	(0.38.0.38)SDCM<5	4000 K	137 lm/W	21000 lm
911401520251	BY560X LED210/N W ACW2 IS HRO CAU	(0.38.0.38)SDCM<5	4000 K	137 lm/W	21000 lm
911401521951	BY560X LED160/N W ACW2 IS WB CAU	(0.38.0.38)SDCM<5	4000 K	133 lm/W	16000 lm

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
911401504051	BY560P LED160/NW PSU WB	120 W
911401504551	BY560P LED160/NW PSU WB CAU	120 W
911401504451	BY560P LED105/NW PSU WB CAU	75 W
911401505351	BY560P LED105/NW PSU HRO CAU	75 W
911401505851	BY560P LED105/NW PSD/CL WB CAU	75 W
911401505651	BY560P LED210/NW PSD/CL WB CAU	153 W

Order Code	Full Product Name	Initial input power
911401506251	BY560P LED210/CW PSD/CL WB CAU	153 W
911401506351	BY560P LED210/NW PSD/CL HRO CAU	153 W
911401520151	BY560X LED210/NW ACW2 IS WB CAU	153 W
911401520251	BY560X LED210/NW ACW2 IS HRO CAU	153 W
911401521951	BY560X LED160/NW ACW2 IS WB CAU	120 W

