



Innovation meets Simplicity: Intelligent lighting revolutionizes HighBay illumination

GreenUp Highbay G2

Height is not an issue any more, maximum 16m movement detection together with the wireless ZigBee control, GreenUp HighBay G2, light up your space smartly.

Benefits

- Light as need, provides additional energy saving on intelligent version BY560X (depends on usage behavior)
- Future-proof system: wireless adjustment of lighting settings and fast re-zoning if use of space changes via intelligent version BY560X
- Precise light distribution light up your space efficiently
- Provides better protection against dusts 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 65Khrs @L70B50 with IP40 protection

Application

- General Industry Application: Warehouse; Distribution center; Factory
- Indoor sport 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 & 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 & product warranty will become void

Versions



BY560P LED105

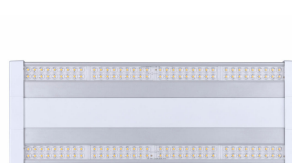


BY560P LED210

Product details



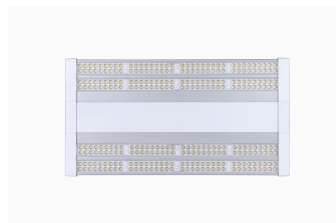
GreenUp Highbay G2 BY560P
LED105 B



GreenUp Highbay G2 BY560P
LED105 F



GreenUp Highbay G2 BY560P
LED210 B



GreenUp Highbay G2 BY560P
LED210 F

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Driver failure rate at 5000 h	0.01 %
Application conditions	
Ambient temperature range	-20 to +45 °C
Suitable for random switching	No
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
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	1 unit
Initial performance (IEC compliant)	
Initial chromaticy	(0.38.0.38)SDCM< 5
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Luminous flux tolerance	+/-10%
Mechanical and housing	
Color	Aluminum 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 dim level
911401502951	BY560P LED105/NW PSU WB	Not applicable
911401504251	BY560P LED105/NW PSU NB	Not applicable
911401507851	BY560P LED210/NW PSD/CL NB	1% (depends on dimmer, ELV)

Controls and dimming

Order Code	Full Product Name	Dimmable
911401502951	BY560P LED105/NW PSU WB	No
911401504251	BY560P LED105/NW PSU NB	No

Order Code	Full Product Name	Dimmable
911401507851	BY560P LED210/NW PSD/CL NB	Yes

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General information

Order Code	Full Product Name	Optic type
911401502951	BY560P LED105/NW PSU WB	Wide beam
911401504251	BY560P LED105/NW PSU NB	Narrow beam

Order Code	Full Product Name	Optic type
911401507851	BY560P LED210/NW PSD/CL NB	Narrow beam

Initial performance (IEC compliant)

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
911401502951	BY560P LED105/NW PSU WB	140 lm/W	10500 lm	75 W
911401504251	BY560P LED105/NW PSU NB	140 lm/W	10500 lm	75 W

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
911401507851	BY560P LED210/NW PSD/CL NB	137 lm/W	21000 lm	153 W

