



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
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
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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	Aluminum and white
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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
01502251	BY560P LED105/CW PSD/CL WB	1% (depends on dimmer, ELV)
01502551	BY560P LED105/CW PSD/CL HRO	1% (depends on dimmer, ELV)
01502651	BY560P LED105/NW PSD/CL HRO	1% (depends on dimmer, ELV)
01502851	BY560P LED105/CW PSD/CL NB	1% (depends on dimmer, ELV)
01502951	BY560P LED105/NW PSU WB	Not applicable
01503051	BY560P LED105/NW PSU HRO	Not applicable
01503251	BY560P LED105/CW PSU NB	Not applicable
01503351	BY560P LED105/CW PSU HRO	Not applicable
01503451	BY560P LED105/CW PSU WB	Not applicable
01504251	BY560P LED105/NW PSU NB	Not applicable
01507051	BY560P LED105/NW PSD/CL WB	1% (depends on dimmer, ELV)
01507151	BY560P LED105/NW PSD/CL NB	1% (depends on dimmer, ELV)
01502351	BY560P LED210/NW PSU WB	Not applicable
01502451	BY560P LED210/NW PSU NB	Not applicable
01502751	BY560P LED210/NW PSU HRO	Not applicable
01503651	BY560P LED210/CW PSU NB	Not applicable
01503751	BY560P LED210/CW PSU HRO	Not applicable
01503851	BY560P LED210/CW PSU WB	Not applicable
01506551	BY560P LED210/CW PSD/CL NB	1% (depends on dimmer, ELV)
01506651	BY560P LED210/CW PSD/CL HRO	1% (depends on dimmer, ELV)
01507251	BY560P LED210/CW PSD/CL WB	1% (depends on dimmer, ELV)
01507551	BY560P LED210/NW PSD/CL WB	1% (depends on dimmer, ELV)
01507751	BY560P LED210/NW PSD/CL HRO	1% (depends on dimmer, ELV)
01507851	BY560P LED210/NW PSD/CL NB	1% (depends on dimmer, ELV)
01503151	BY560P LED160/CW PSU NB	Not applicable
01503551	BY560P LED160/NW PSU HRO	Not applicable
01503951	BY560P LED160/NW PSU NB	Not applicable
01504051	BY560P LED160/NW PSU WB	Not applicable
01504151	BY560P LED160/CW PSU HRO	Not applicable
01504351	BY560P LED160/CW PSU WB	Not applicable
01506751	BY560P LED160/CW PSD/CL HRO	1% (depends on dimmer, ELV)
01506851	BY560P LED160/NW PSD/CL HRO	1% (depends on dimmer, ELV)
01506951	BY560P LED160/CW PSD/CL NB	1% (depends on dimmer, ELV)
01507351	BY560P LED160/NW PSD/CL NB	1% (depends on dimmer, ELV)
01507451	BY560P LED160/NW PSD/CL WB	1% (depends on dimmer, ELV)
01507651	BY560P LED160/CW PSD/CL WB	1% (depends on dimmer, ELV)

Controls and Dimming

Order Code	Full Product Name	Dimmable	Order Code	Full Product Name	Dimmable
01502251	BY560P LED105/CW PSD/CL WB	Yes	01507051	BY560P LED105/NW PSD/CL WB	Yes
01502551	BY560P LED105/CW PSD/CL HRO	Yes	01507151	BY560P LED105/NW PSD/CL NB	Yes
01502651	BY560P LED105/NW PSD/CL HRO	Yes	01502351	BY560P LED210/NW PSU WB	No
01502851	BY560P LED105/CW PSD/CL NB	Yes	01502451	BY560P LED210/NW PSU NB	No
01502951	BY560P LED105/NW PSU WB	No	01502751	BY560P LED210/NW PSU HRO	No
01503051	BY560P LED105/NW PSU HRO	No	01503651	BY560P LED210/CW PSU NB	No
01503251	BY560P LED105/CW PSU NB	No	01503751	BY560P LED210/CW PSU HRO	No
01503351	BY560P LED105/CW PSU HRO	No	01503851	BY560P LED210/CW PSU WB	No
01503451	BY560P LED105/CW PSU WB	No	01506551	BY560P LED210/CW PSD/CL NB	Yes
01504251	BY560P LED105/NW PSU NB	No	01506651	BY560P LED210/CW PSD/CL HRO	Yes

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Order Code	Full Product Name	Dimmable
01507251	BY560P LED210/CW PSD/CL WB	Yes
01507551	BY560P LED210/NW PSD/CL WB	Yes
01507751	BY560P LED210/NW PSD/CL HRO	Yes
01507851	BY560P LED210/NW PSD/CL NB	Yes
01503151	BY560P LED160/CW PSU NB	No
01503551	BY560P LED160/NW PSU HRO	No
01503951	BY560P LED160/NW PSU NB	No
01504051	BY560P LED160/NW PSU WB	No

Order Code	Full Product Name	Dimmable
01504151	BY560P LED160/CW PSU HRO	No
01504351	BY560P LED160/CW PSU WB	No
01506751	BY560P LED160/CW PSD/CL HRO	Yes
01506851	BY560P LED160/NW PSD/CL HRO	Yes
01506951	BY560P LED160/CW PSD/CL NB	Yes
01507351	BY560P LED160/NW PSD/CL NB	Yes
01507451	BY560P LED160/NW PSD/CL WB	Yes
01507651	BY560P LED160/CW PSD/CL WB	Yes

General Information

Order Code	Full Product Name	Optic type
01502251	BY560P LED105/CW PSD/CL WB	WB
01502551	BY560P LED105/CW PSD/CL HRO	HRO
01502651	BY560P LED105/NW PSD/CL HRO	HRO
01502851	BY560P LED105/CW PSD/CL NB	NB
01502951	BY560P LED105/NW PSU WB	WB
01503051	BY560P LED105/NW PSU HRO	HRO
01503251	BY560P LED105/CW PSU NB	NB
01503351	BY560P LED105/CW PSU HRO	HRO
01503451	BY560P LED105/CW PSU WB	WB
01504251	BY560P LED105/NW PSU NB	NB
01507051	BY560P LED105/NW PSD/CL WB	WB
01507151	BY560P LED105/NW PSD/CL NB	NB
01502351	BY560P LED210/NW PSU WB	WB
01502451	BY560P LED210/NW PSU NB	NB
01502751	BY560P LED210/NW PSU HRO	HRO
01503651	BY560P LED210/CW PSU NB	NB
01503751	BY560P LED210/CW PSU HRO	HRO
01503851	BY560P LED210/CW PSU WB	WB

Order Code	Full Product Name	Optic type
01506551	BY560P LED210/CW PSD/CL NB	NB
01506651	BY560P LED210/CW PSD/CL HRO	HRO
01507251	BY560P LED210/CW PSD/CL WB	WB
01507551	BY560P LED210/NW PSD/CL WB	WB
01507751	BY560P LED210/NW PSD/CL HRO	HRO
01507851	BY560P LED210/NW PSD/CL NB	NB
01503151	BY560P LED160/CW PSU NB	NB
01503551	BY560P LED160/NW PSU HRO	HRO
01503951	BY560P LED160/NW PSU NB	NB
01504051	BY560P LED160/NW PSU WB	WB
01504151	BY560P LED160/CW PSU HRO	HRO
01504351	BY560P LED160/CW PSU WB	WB
01506751	BY560P LED160/CW PSD/CL HRO	HRO
01506851	BY560P LED160/NW PSD/CL HRO	HRO
01506951	BY560P LED160/CW PSD/CL NB	NB
01507351	BY560P LED160/NW PSD/CL NB	NB
01507451	BY560P LED160/NW PSD/CL WB	WB
01507651	BY560P LED160/CW PSD/CL WB	WB

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
01502251	BY560P LED105/CW PSD/CL WB	(0.313.0.324)SDCM<5	6500 K	140 lm/W	10500 lm
01502551	BY560P LED105/CW PSD/CL HRO	(0.313.0.324)SDCM<5	6500 K	140 lm/W	10500 lm
01502651	BY560P LED105/NW PSD/CL HRO	(0.38.0.38)SDCM<5	4000 K	140 lm/W	10500 lm
01502851	BY560P LED105/CW PSD/CL NB	(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
01502951	BY560P LED105/NW PSU WB	(0.38.0.38)SDCM<5	4000 K	140 lm/W	10500 lm
01503051	BY560P LED105/NW PSU HRO	(0.38.0.38)SDCM<5	4000 K	140 lm/W	10500 lm
01503251	BY560P LED105/CW PSU NB	(0.313.0.324)SDCM<5	6500 K	140 lm/W	10500 lm
01503351	BY560P LED105/CW PSU HRO	(0.313.0.324)SDCM<5	6500 K	140 lm/W	10500 lm
01503451	BY560P LED105/CW PSU WB	(0.313.0.324)SDCM<5	6500 K	140 lm/W	10500 lm

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Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
01504251	BY560P LED105/NW PSU NB	(0.38.0.38)SDCM<5	4000 K	140 lm/W	10500 lm
01507051	BY560P LED105/NW PSD/CL WB	(0.38.0.38)SDCM<5	4000 K	140 lm/W	10500 lm
01507151	BY560P LED105/NW PSD/CL NB	(0.38.0.38)SDCM<5	4000 K	140 lm/W	10500 lm
01502351	BY560P LED210/NW PSU WB	(0.38.0.38)SDCM<5	4000 K	137 lm/W	21000 lm
01502451	BY560P LED210/NW PSU NB	(0.38.0.38)SDCM<5	4000 K	137 lm/W	21000 lm
01502751	BY560P LED210/NW PSU HRO	(0.38.0.38)SDCM<5	4000 K	137 lm/W	21000 lm
01503651	BY560P LED210/CW PSU NB	(0.313.0.324)SDCM<5	6500 K	137 lm/W	21000 lm
01503751	BY560P LED210/CW PSU HRO	(0.313.0.324)SDCM<5	6500 K	137 lm/W	21000 lm
01503851	BY560P LED210/CW PSU WB	(0.313.0.324)SDCM<5	6500 K	137 lm/W	21000 lm
01506551	BY560P LED210/CW PSD/CL NB	(0.313.0.324)SDCM<5	6500 K	137 lm/W	21000 lm
01506651	BY560P LED210/CW PSD/CL HRO	(0.313.0.324)SDCM<5	6500 K	137 lm/W	21000 lm
01507251	BY560P LED210/CW PSD/CL WB	(0.313.0.324)SDCM<5	6500 K	137 lm/W	21000 lm
01507551	BY560P LED210/NW PSD/CL WB	(0.38.0.38)SDCM<5	4000 K	137 lm/W	21000 lm
01507751	BY560P LED210/NW	(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
	PSD/CL HRO				
01507851	BY560P LED210/NW PSD/CL NB	(0.38.0.38)SDCM<5	4000 K	137 lm/W	21000 lm
01503151	BY560P LED160/CW PSU NB	(0.313.0.324)SDCM<5	6500 K	133 lm/W	16000 lm
01503551	BY560P LED160/NW PSU HRO	(0.38.0.38)SDCM<5	4000 K	133 lm/W	16000 lm
01503951	BY560P LED160/NW PSU NB	(0.38.0.38)SDCM<5	4000 K	133 lm/W	16000 lm
01504051	BY560P LED160/NW PSU WB	(0.38.0.38)SDCM<5	4000 K	133 lm/W	16000 lm
01504151	BY560P LED160/CW PSU HRO	(0.313.0.324)SDCM<5	6500 K	133 lm/W	16000 lm
01504351	BY560P LED160/CW PSU WB	(0.313.0.324)SDCM<5	6500 K	133 lm/W	16000 lm
01506751	BY560P LED160/CW PSD/CL HRO	(0.313.0.324)SDCM<5	6500 K	133 lm/W	16000 lm
01506851	BY560P LED160/NW PSD/CL HRO	(0.38.0.38)SDCM<5	4000 K	133 lm/W	16000 lm
01506951	BY560P LED160/CW PSD/CL NB	(0.313.0.324)SDCM<5	6500 K	133 lm/W	16000 lm
01507351	BY560P LED160/NW PSD/CL NB	(0.38.0.38)SDCM<5	4000 K	133 lm/W	16000 lm
01507451	BY560P LED160/NW PSD/CL WB	(0.38.0.38)SDCM<5	4000 K	133 lm/W	16000 lm
01507651	BY560P LED160/CW PSD/CL 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
01502251	BY560P LED105/CW PSD/CL WB	75 W
01502551	BY560P LED105/CW PSD/CL HRO	75 W
01502651	BY560P LED105/NW PSD/CL HRO	75 W

Order Code	Full Product Name	Initial input power
01502851	BY560P LED105/CW PSD/CL NB	75 W
01502951	BY560P LED105/NW PSU WB	75 W
01503051	BY560P LED105/NW PSU HRO	75 W

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Order Code	Full Product Name	Initial input power
01503251	BY560P LED105/CW PSU NB	75 W
01503351	BY560P LED105/CW PSU HRO	75 W
01503451	BY560P LED105/CW PSU WB	75 W
01504251	BY560P LED105/NW PSU NB	75 W
01507051	BY560P LED105/NW PSD/CL WB	75 W
01507151	BY560P LED105/NW PSD/CL NB	75 W
01502351	BY560P LED210/NW PSU WB	153 W
01502451	BY560P LED210/NW PSU NB	153 W
01502751	BY560P LED210/NW PSU HRO	153 W
01503651	BY560P LED210/CW PSU NB	153 W
01503751	BY560P LED210/CW PSU HRO	153 W
01503851	BY560P LED210/CW PSU WB	153 W
01506551	BY560P LED210/CW PSD/CL NB	153 W
01506651	BY560P LED210/CW PSD/CL HRO	153 W
01507251	BY560P LED210/CW PSD/CL WB	153 W

Order Code	Full Product Name	Initial input power
01507551	BY560P LED210/NW PSD/CL WB	153 W
01507751	BY560P LED210/NW PSD/CL HRO	153 W
01507851	BY560P LED210/NW PSD/CL NB	153 W
01503151	BY560P LED160/CW PSU NB	120 W
01503551	BY560P LED160/NW PSU HRO	120 W
01503951	BY560P LED160/NW PSU NB	120 W
01504051	BY560P LED160/NW PSU WB	120 W
01504151	BY560P LED160/CW PSU HRO	120 W
01504351	BY560P LED160/CW PSU WB	120 W
01506751	BY560P LED160/CW PSD/CL HRO	120 W
01506851	BY560P LED160/NW PSD/CL HRO	120 W
01506951	BY560P LED160/CW PSD/CL NB	120 W
01507351	BY560P LED160/NW PSD/CL NB	120 W
01507451	BY560P LED160/NW PSD/CL WB	120 W
01507651	BY560P LED160/CW PSD/CL WB	120 W

