



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

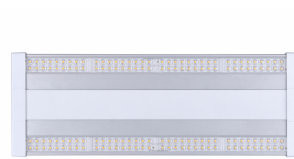
Versions



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 |
|---------------|--------------|

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 |
|--------|--------------------|

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 |

