



Energy-efficient lighting for industrial and commercial applications

GreenUp Highbay

GreenUp Highbay BY550 is a high efficient and reliable LED highbay for industrial high-ceiling facilities without humid and dusty requirement, designed for both new project and retrofit. This lighting system can deliver up to 88% energy savings with the integrated G2 Actilume Wireless. It delivers point to point replace up to 400W HID and T5 6x54W highbay with easy installation. There are three beam shapes to choose with good light quality CRI85 and UGR 17. Integrated with G2 Actilume Wireless, GreenUp BY550 provide connected lighting with daylight, occupancy sensor, and ZigBee wireless communication, will increase your savings by upgrading to an intelligent system and delivering one-stop solution for your Factory, Warehouse, Distribution center, Indoor spot hall, and other high ceiling indoor application.

Benefits

- Energy savings of fix version up to 75% vs. HID 400W Systems and up to 56% vs. T5 Highbay
- Comfortable light with low glare and accurate color
- Easy to use, easy to design in and low installation cost

Features

- High system efficiency
- Reliable
- Wide Beam, Narrow Beam & High Rack Optic Beam
- Unique air convection design enables efficient heat dissipation
- Connected lighting

Application

- General Industry Application
- High Rack Warehouse

Versions



BY550P LED200

BY550P LED100

BY550P LED140

BY550X LED200



BY550X LED140

BY550X LED100

Application Conditions

Ambient temperature range -20 to +40 °C

Approval and Application

Mech. impact protection code IK03

Ingress protection code IP20

Operating and Electrical

Input Voltage 220-240 V

General Information

CE mark CE mark

Protection class IEC Safety class I

Optical cover/lens type Polycarbonate
bowl/cover clear

Driver included Yes

ENEC mark -

Flammability mark -

Gear -

Glow-wire test Temperature 650
°C, duration 30 s

Light source replaceable No

UL mark -

Initial Performance (IEC Compliant)

Initial chromaticity -

Init. Color Rendering Index >85

Luminous flux tolerance +/-7.5%

Mechanical and Housing

Color white

Application Conditions

Order Code	Full Product Name	Maximum dim level
911401521921	BY550P LED200/CW PSU HRO	Not applicable
911401522021	BY550P LED200/CW PSU WB	Not applicable
911401522121	BY550P LED200/CW PSU NB	Not applicable
911401522321	BY550P LED200/NW PSU NB	Not applicable
911401523121	BY550P LED200/NW PSD NB	1% (depends on dimmer, ELV)
911401523321	BY550P LED200/NW PSD WB	1% (depends on dimmer, ELV)
911401524221	BY550P LED200/NW PSD HRO	1%
911401525321	BY550P LED200/NW PSU HRO	Not applicable
911401525421	BY550P LED200/NW PSU WB	Not applicable
911401522221	BY550P LED100/NW PSU HRO	Not applicable
911401522421	BY550P LED100/NW PSD HRO	1% (depends on dimmer, ELV)
911401522521	BY550P LED100/NW PSD WB	1% (depends on dimmer, ELV)
911401522621	BY550P LED100/NW PSD NB	1% (depends on dimmer, ELV)
911401524121	BY550P LED100/NW PSU WB	Not applicable
911401524321	BY550P LED100/NW PSU NB	Not applicable
911401524421	BY550P LED100/CW PSU HRO	Not applicable
911401524521	BY550P LED100/CW PSU WB	Not applicable
911401523421	BY550P LED140/NW PSD HRO	1% (depends on dimmer, ELV)
911401523621	BY550P LED140/NW PSD WB	1% (depends on dimmer, ELV)
911401523721	BY550P LED140/NW PSD NB	1% (depends on dimmer, ELV)
911401524721	BY550P LED140/NW PSU HRO	Not applicable
911401524821	BY550P LED140/NW PSU WB	Not applicable
911401524921	BY550P LED140/NW PSU NB	Not applicable
911401525021	BY550P LED140/CW PSU HRO	Not applicable
911401536921	BY550X LED200/NW ACW2 IS WB	1% (depends on dimmer, ELV)
911401537121	BY550X LED200/NW ACW2 IS HRO	1% (depends on dimmer, ELV)
911401537221	BY550X LED200/NW ACW2 IS NB	1% (depends on dimmer, ELV)
911401537721	BY550X LED140/NW ACW2 IS HRO	1% (depends on dimmer, ELV)
911401537821	BY550X LED140/CW ACW2 IS WB	1% (depends on dimmer, ELV)
911401538021	BY550X LED140/NW ACW2 IS NB	1% (depends on dimmer, ELV)
911401538121	BY550X LED140/NW ACW2 IS WB	1% (depends on dimmer, ELV)
911401538421	BY550X LED100/NW ACW2 IS NB	1% (depends on dimmer, ELV)
911401538521	BY550X LED100/NW ACW2 IS WB	1% (depends on dimmer, ELV)
911401538621	BY550X LED100/NW ACW2 IS HRO	1% (depends on dimmer, ELV)

Controls and Dimming

Order Code	Full Product Name	Dimmable	Order Code	Full Product Name	Dimmable
911401521921	BY550P LED200/CW PSU HRO	No	911401522621	BY550P LED100/NW PSD NB	Yes
911401522021	BY550P LED200/CW PSU WB	No	911401524121	BY550P LED100/NW PSU WB	No
911401522121	BY550P LED200/CW PSU NB	No	911401524321	BY550P LED100/NW PSU NB	No
911401522321	BY550P LED200/NW PSU NB	No	911401524421	BY550P LED100/CW PSU HRO	No
911401523121	BY550P LED200/NW PSD NB	Yes	911401524521	BY550P LED100/CW PSU WB	No
911401523321	BY550P LED200/NW PSD WB	Yes	911401523421	BY550P LED140/NW PSD HRO	Yes
911401524221	BY550P LED200/NW PSD HRO	Yes	911401523621	BY550P LED140/NW PSD WB	Yes
911401525321	BY550P LED200/NW PSU HRO	No	911401523721	BY550P LED140/NW PSD NB	Yes
911401525421	BY550P LED200/NW PSU WB	No	911401524721	BY550P LED140/NW PSU HRO	No
911401522221	BY550P LED100/NW PSU HRO	No	911401524821	BY550P LED140/NW PSU WB	No
911401522421	BY550P LED100/NW PSD HRO	Yes	911401524921	BY550P LED140/NW PSU NB	No
911401522521	BY550P LED100/NW PSD WB	Yes	911401525021	BY550P LED140/CW PSU HRO	No

Order Code	Full Product Name	Dimmable
911401536921	BY550X LED200/NW ACW2 IS WB	Yes
911401537121	BY550X LED200/NW ACW2 IS HRO	Yes
911401537221	BY550X LED200/NW ACW2 IS NB	Yes
911401537721	BY550X LED140/NW ACW2 IS HRO	Yes
911401537821	BY550X LED140/CW ACW2 IS WB	Yes

Order Code	Full Product Name	Dimmable
911401538021	BY550X LED140/NW ACW2 IS NB	Yes
911401538121	BY550X LED140/NW ACW2 IS WB	Yes
911401538421	BY550X LED100/NW ACW2 IS NB	Yes
911401538521	BY550X LED100/NW ACW2 IS WB	Yes
911401538621	BY550X LED100/NW ACW2 IS HRO	Yes

General Information

Order Code	Full Product Name	Lamp family code	Number of gear units	Optic type
911401521921	BY550P LED200/CW PSU HRO	LED206	2 units	High-rack optic
911401522021	BY550P LED200/CW PSU WB	LED206	2 units	Wide beam
911401522121	BY550P LED200/CW PSU NB	LED206	2 units	Narrow beam
911401522321	BY550P LED200/NW PSU NB	LED206	2 units	Narrow beam
911401523121	BY550P LED200/NW PSD NB	LED206	2 units	Narrow beam
911401523321	BY550P LED200/NW PSD WB	LED206	2 units	Wide beam
911401524221	BY550P LED200/NW PSD HRO	LED206	2 units	High-rack optic
911401525321	BY550P LED200/NW PSU HRO	LED206	2 units	High-rack optic
911401525421	BY550P LED200/NW PSU WB	LED206	2 units	Wide beam
911401522221	BY550P LED100/NW PSU HRO	LED105	1 unit	High-rack optic
911401522421	BY550P LED100/NW PSD HRO	LED105	1 unit	High-rack optic
911401522521	BY550P LED100/NW PSD WB	LED105	1 unit	Wide beam
911401522621	BY550P LED100/NW PSD NB	LED105	1 unit	Narrow beam
911401524121	BY550P LED100/NW PSU WB	LED105	1 unit	Wide beam
911401524321	BY550P LED100/NW PSU NB	LED105	1 unit	Narrow beam
911401524421	BY550P LED100/CW PSU HRO	LED105	1 unit	High-rack optic
911401524521	BY550P LED100/CW PSU WB	LED105	1 unit	Wide beam

Order Code	Full Product Name	Lamp family code	Number of gear units	Optic type
911401523421	BY550P LED140/NW PSD HRO	LED140	2 units	High-rack optic
911401523621	BY550P LED140/NW PSD WB	LED140	2 units	Wide beam
911401523721	BY550P LED140/NW PSD NB	LED140	2 units	Narrow beam
911401524721	BY550P LED140/NW PSU HRO	LED140	2 units	High-rack optic
911401524821	BY550P LED140/NW PSU WB	LED140	2 units	Wide beam
911401524921	BY550P LED140/NW PSU NB	LED140	2 units	Narrow beam
911401525021	BY550P LED140/CW PSU HRO	LED140	2 units	High-rack optic
911401536921	BY550X LED200/NW ACW2 IS WB	LED206	2 units	Wide beam
911401537121	BY550X LED200/NW ACW2 IS HRO	LED206	2 units	High-rack optic
911401537221	BY550X LED200/NW ACW2 IS NB	LED206	2 units	Narrow beam
911401537721	BY550X LED140/NW ACW2 IS HRO	LED140	2 units	High-rack optic
911401537821	BY550X LED140/CW ACW2 IS WB	LED140	2 units	Wide beam
911401538021	BY550X LED140/NW ACW2 IS NB	LED140	2 units	Narrow beam
911401538121	BY550X LED140/NW ACW2 IS WB	LED140	2 units	Wide beam
911401538421	BY550X LED100/NW ACW2 IS NB	LED105	1 unit	Narrow beam
911401538521	BY550X LED100/NW ACW2 IS WB	LED105	1 unit	Wide beam
911401538621	BY550X LED100/NW ACW2 IS HRO	LED105	1 unit	High-rack optic

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial Input power
911401521921	BY550P LED200/CW PSU HRO	6500 K	160 W
911401522021	BY550P LED200/CW PSU WB	6500 K	160 W

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial Input power
911401522121	BY550P LED200/CW PSU NB	6500 K	160 W
911401522321	BY550P LED200/NW PSU NB	4000 K	160 W

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial input power
911401523121	BY550P LED200/NW PSD NB	4000 K	160 W
911401523321	BY550P LED200/NW PSD WB	4000 K	160 W
911401524221	BY550P LED200/NW PSD HRO	4000 K	160 W
911401525321	BY550P LED200/NW PSU HRO	4000 K	160 W
911401525421	BY550P LED200/NW PSU WB	4000 K	160 W
911401522221	BY550P LED100/NW PSU HRO	4000 K	80 W
911401522421	BY550P LED100/NW PSD HRO	4000 K	80 W
911401522521	BY550P LED100/NW PSD WB	4000 K	80 W
911401522621	BY550P LED100/NW PSD NB	4000 K	80 W
911401524121	BY550P LED100/NW PSU WB	4000 K	80 W
911401524321	BY550P LED100/NW PSU NB	4000 K	80 W
911401524421	BY550P LED100/CW PSU HRO	6500 K	80 W
911401524521	BY550P LED100/CW PSU WB	6500 K	80 W
911401523421	BY550P LED140/NW PSD HRO	4000 K	110 W
911401523621	BY550P LED140/NW PSD WB	4000 K	110 W
911401523721	BY550P LED140/NW PSD NB	4000 K	110 W
911401524721	BY550P LED140/NW PSU HRO	4000 K	110 W

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial input power
911401524821	BY550P LED140/NW PSU WB	4000 K	110 W
911401524921	BY550P LED140/NW PSU NB	4000 K	110 W
911401525021	BY550P LED140/CW PSU HRO	6500 K	110 W
911401536921	BY550X LED200/NW ACW2 IS WB	4000 K	160 W
911401537121	BY550X LED200/NW ACW2 IS HRO	4000 K	160 W
911401537221	BY550X LED200/NW ACW2 IS NB	4000 K	160 W
911401537721	BY550X LED140/NW ACW2 IS HRO	4000 K	110 W
911401537821	BY550X LED140/CW ACW2 IS WB	6500 K	110 W
911401538021	BY550X LED140/NW ACW2 IS NB	4000 K	110 W
911401538121	BY550X LED140/NW ACW2 IS WB	4000 K	110 W
911401538421	BY550X LED100/NW ACW2 IS NB	4000 K	80 W
911401538521	BY550X LED100/NW ACW2 IS WB	4000 K	80 W
911401538621	BY550X LED100/NW ACW2 IS HRO	4000 K	80 W

