



# 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



LED module 14,000 lm - - - Power supply unit with DALI interface - High-rack optic - Tempered glass - 90°



Application Conditions	
Ambient temperature range	-20 to +40 °C
Average ambient temperature	35 °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 (I)
Optical cover/lens type	PCC
Driver Included	Yes
ENEC mark	-
Flammability mark	NO
Gear	-
Glow-wire test	650/30
Light source replaceable	No
Number of gear units	2 units
UL mark	No
Initial Performance (IEC Compliant)	
Initial chromaticity	-
Init. Corr. Colour Temperature	6500 K
Init. Colour Rendering Index	>85
Luminous flux tolerance	+/-7.5%
Mechanical and Housing	
Colour	white

Application Conditions

Order Code	Full Product Name	Maximum dim level
911401521921	BY550P LED200/CW PSU HRO	Not applicable
911401525221	BY550P LED140/CW PSU NB	Not applicable
911401537921	BY550X LED140/CW ACW2 IS HRO	1% (depends on dimmer, ELV)

Controls and Dimming

Order Code	Full Product Name	Dimmable
911401521921	BY550P LED200/CW PSU HRO	No
911401525221	BY550P LED140/CW PSU NB	No

## General Information

Order Code	Full Product Name	Lamp family code	Optic type
911401521921	BY550P LED200/CW PSU HRO	LED206	HRO
911401525221	BY550P LED140/CW PSU NB	LED140	NB

## Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial input power
911401521921	BY550P LED200/CW PSU HRO	160 W
911401525221	BY550P LED140/CW PSU NB	110 W

Order Code	Full Product Name	Dimmable
911401537921	BY550X LED140/CW ACW2 IS HRO	Yes

Order Code	Full Product Name	Lamp family code	Optic type
911401537921	BY550X LED140/CW ACW2 IS HRO	LED140	HRO

Order Code	Full Product Name	Initial input power
911401537921	BY550X LED140/CW ACW2 IS HRO	110 W

