



# 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 LED100



LED module 14,000 lm - - Power supply unit with DALI interface -  
Narrow beam - Tempered glass - 70°

### 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 (I)

Optical cover/lens type PCC

Driver included Yes

ENEC mark -

Flammability mark NO

Gear -

Glow-wire test 650/30

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
911401524321	BY550P LED100/NW PSU NB	Not applicable
911401537821	BY550X LED140/CW ACW2 IS WB	1% (depends on dimmer, ELV)

## Controls and Dimming

Order Code	Full Product Name	Dimmable
911401524321	BY550P LED100/NW PSU NB	No

Order Code	Full Product Name	Dimmable
911401537821	BY550X LED140/CW ACW2 IS WB	Yes

## General Information

Order Code	Full Product Name	Lamp family code	Number of gear units	Optic type
911401524321	BY550P LED100/NW PSU NB	LED105	1 unit	NB

Order Code	Full Product Name	Lamp family code	Number of gear units	Optic type
911401537821	BY550X LED140/CW ACW2 IS WB	LED140	2 units	WB

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color	Initial input power
		Temperature	
911401524321	BY550P LED100/NW PSU NB	4000 K	80 W
911401537821	BY550X LED140/CW ACW2 IS WB	6500 K	110 W

