



GreenUp Highbay– BY550



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; Additional up to 13% saving can be achieved from intelligent version ((depends on usage behavior)
- Comfortable light with low glare and accurate color
- Easy to use, easy to design in and low installation cost
- Smart Comfort combined with Actilume 2 wireless control (dimmable version)
- Application flexibility (multiple beam)

Features

- High system efficiency (125lm/w)
- CRI 85, UGR 17
- Reliable (70KHrs, Lumileds Chips & Xitanium Driver)
- Wide Beam, Narrow Beam & High Rack Optic Beam
- Unique air convection design enables efficient heat dissipation
- Connected lighting

Applications

- General Industry Application
- High Rack Warehouse



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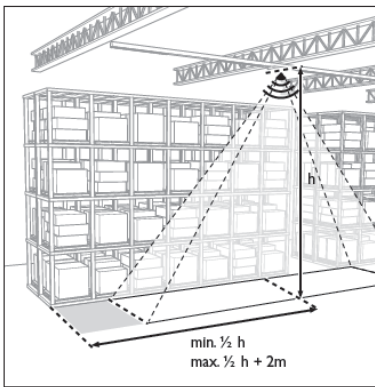
Wireless zoning



The size, shape and location of zones can be designed to match the occupation and routing density of people and forklift, allowing optimum balancing of comfort and safety with energy saving.

Any sensor in each zone can trigger all luminaires to be on and off for employers via wireless communication.

Motion & Daylight detector

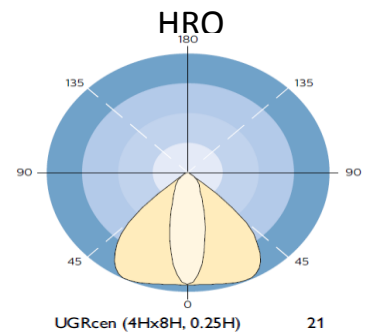
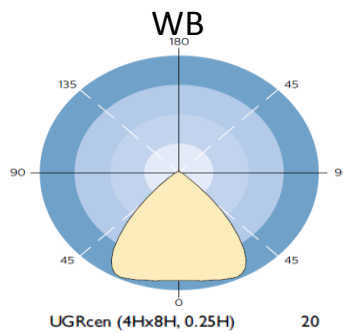
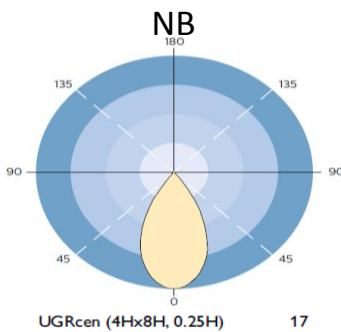


Occupancy sensor improves energy efficiency significantly.

Daylight harvest ensures a constant working lux.

Application illustration with Actilume 2 wireless control

Photometric





Product Specification

Product family	Fix/Dali	Intelligent
Product spec.	BY550P	BY550X
System output	10000/ 13000/ 20000lm	10000/ 13000/ 20000lm
System power	80/ 110/ 160W	80/ 110/ 160W
System efficiency	125lm/W	125lm/W
Control	fixed / DALI	wireless
Lifetime	70000hrs	70000hrs (life time extend to 100000hrs with average 30% dimming down)
Controller	no	ActiLume Wireless DALI Gen2 (effective in 10m)
Sensor	no	ActiLume G2 Indus Sensor H513 (5~13m: effective sensing height)
Control features	no	movement detection, daylight harvest, wireless zoning
CCT	CW (6500K)/ NW (4000K)	
CRI	>85	
SDCM	<3.5 SDCM	
Optic	WB/ NB/ HRO	
Temperature	-20°C~+40°C / Ta35°C	
Driver	Philips Xitanium driver	
Materials	body: steel ; cover: engineering plastic ; lens: optic PMMA	
Color	white	
IP	IP20	
Classification	class I	
Input voltage	220-240V, 50/60 Hz	
Power factor	> 0.90	
Installation	Suspend	

Order Information

Description	12NC	Lumen	CCT	Power	Optic	Control
BY550P LED100/CW PSU NB	911401524621	10000	6500	80	NB	Fixed
BY550P LED100/CW PSU WB	911401524521	10000	6500	80	WB	Fixed
BY550P LED100/CW PSU HRO	911401524421	10000	6500	80	HRO	Fixed
BY550P LED100/NW PSU NB	911401524321	10000	4000	80	NB	Fixed
BY550P LED100/NW PSU WB	911401524121	10000	4000	80	WB	Fixed
BY550P LED100/NW PSU HRO	911401522221	10000	4000	80	HRO	Fixed
BY550P LED140/CW PSU NB	911401525221	13000	6500	110	NB	Fixed
BY550P LED140/CW PSU WB	911401525121	13000	6500	110	WB	Fixed
BY550P LED140/CW PSU HRO	911401525021	13000	6500	110	HRO	Fixed
BY550P LED140/NW PSU NB	911401524921	13000	4000	110	NB	Fixed
BY550P LED140/NW PSU WB	911401524821	13000	4000	110	WB	Fixed
BY550P LED140/NW PSU HRO	911401524721	13000	4000	110	HRO	Fixed
BY550P LED200/CW PSU NB	911401522121	20000	6500	160	NB	Fixed
BY550P LED200/CW PSU WB	911401522021	20000	6500	160	WB	Fixed
BY550P LED200/CW PSU HRO	911401521921	20000	6500	160	HRO	Fixed
BY550P LED200/NW PSU NB	911401522321	20000	4000	160	NB	Fixed
BY550P LED200/NW PSU WB	911401525421	20000	4000	160	WB	Fixed
BY550P LED200/NW PSU HRO	911401525321	20000	4000	160	HRO	Fixed

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Order Information

Description	12NC	Lumen	CCT	Power	Optic	Control
BY550P LED100/CW PSD NB	911401523221	10000	6500	80	NB	DALI
BY550P LED100/CW PSD WB	911401523521	10000	6500	80	WB	DALI
BY550P LED100/CW PSD HRO	911401522721	10000	6500	80	HRO	DALI
BY550P LED100/NW PSD NB	911401522621	10000	4000	80	NB	DALI
BY550P LED100/NW PSD WB	911401522521	10000	4000	80	WB	DALI
BY550P LED100/NW PSD HRO	911401522421	10000	4000	80	HRO	DALI
BY550P LED140/CW PSD NB	911401524021	13000	6500	110	NB	DALI
BY550P LED140/CW PSD WB	911401523921	13000	6500	110	WB	DALI
BY550P LED140/CW PSD HRO	911401523821	13000	6500	110	HRO	DALI
BY550P LED140/NW PSD NB	911401523721	13000	4000	110	NB	DALI
BY550P LED140/NW PSD WB	911401523621	13000	4000	110	WB	DALI
BY550P LED140/NW PSD HRO	911401523421	13000	4000	110	HRO	DALI
BY550P LED200/CW PSD NB	911401522821	20000	6500	160	NB	DALI
BY550P LED200/CW PSD WB	911401523021	20000	6500	160	WB	DALI
BY550P LED200/CW PSD HRO	911401522921	20000	6500	160	HRO	DALI
BY550P LED200/NW PSD NB	911401523121	20000	4000	160	NB	DALI
BY550P LED200/NW PSD WB	911401523321	20000	4000	160	WB	DALI
BY550P LED200/NW PSD HRO	911401524221	20000	4000	160	HRO	DALI
BY550X LED100/CW ACW2 IS NB	911401538221	10000	6500	80	NB	Intelligent
BY550X LED100/CW ACW2 IS WB	911401538721	10000	6500	80	WB	Intelligent
BY550X LED100/CW ACW2 IS HRO	911401538321	10000	6500	80	HRO	Intelligent
BY550X LED100/NW ACW2 IS NB	911401538421	10000	4000	80	NB	Intelligent
BY550X LED100/NW ACW2 IS WB	911401538521	10000	4000	80	WB	Intelligent
BY550X LED100/NW ACW2 IS HRO	911401538621	10000	4000	80	HRO	Intelligent
BY550X LED140/CW ACW2 IS NB	911401537021	13000	6500	110	NB	Intelligent
BY550X LED140/CW ACW2 IS WB	911401537821	13000	6500	110	WB	Intelligent
BY550X LED140/CW ACW2 IS HRO	911401537921	13000	6500	110	HRO	Intelligent
BY550X LED140/NW ACW2 IS NB	911401538021	13000	4000	110	NB	Intelligent
BY550X LED140/NW ACW2 IS WB	911401538121	13000	4000	110	WB	Intelligent
BY550X LED140/NW ACW2 IS HRO	911401537721	13000	4000	110	HRO	Intelligent
BY550X LED200/CW ACW2 IS NB	911401537421	20000	6500	160	NB	Intelligent
BY550X LED200/CW ACW2 IS WB	911401537321	20000	6500	160	WB	Intelligent
BY550X LED200/CW ACW2 IS HRO	911401537621	20000	6500	160	HRO	Intelligent
BY550X LED200/NW ACW2 IS NB	911401537221	20000	4000	160	NB	Intelligent
BY550X LED200/NW ACW2 IS WB	911401536921	20000	4000	160	WB	Intelligent
BY550X LED200/NW ACW2 IS HRO	911401537121	20000	4000	160	HRO	Intelligent



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