



GreenUp Highbay– BY550



2015 Red Dot Design Owner, *GreenUp Highbay BY550* is a high efficient and reliable LED highbay for industrial high ceiling facilities without humidity and dust protection requirements.

Integrated with ZigBee wireless control and PIR/DDR sensor, GreenUp BY550 helps to save more money on both operation and maintenance. It is an ideal solution delivers point to point replacement to HID up to 400W T5 highbay up to 6x54W with easy installation.

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
- Safe and Reliable
- Application flexibility (multiple beams)
- Networked lighting

Features

- High system efficacy 130lm/W
- CRI 85, UGR 18
- Lifetime 70Khrs @L70B50; Philips Fortimo Module with LGIT LEDs & Xitanium Driver
- Wide Beam, Narrow Beam & High Rack Optic Beam
- Provides flexible intelligent control solution with ZigBee control and PIR/DDR sensor

Applications

- General Industry Application: Factory, Warehouse, Distribution center
- Indoor sport hall
- Other high ceiling indoor applications



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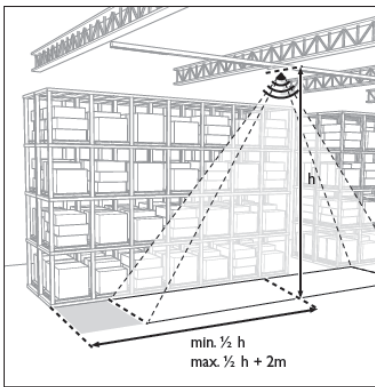
Wireless zoning



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



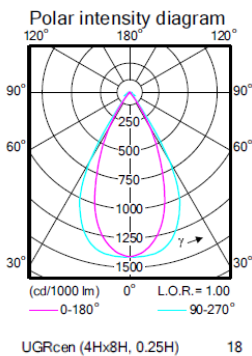
Occupancy sensor improves energy efficiency significantly.

Daylight harvest ensures a constant working lux.

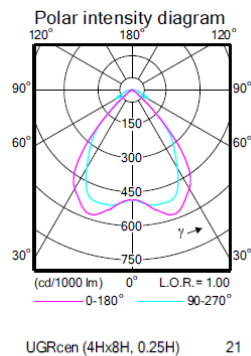
Application illustration with Actilume 2 wireless control

Photometric

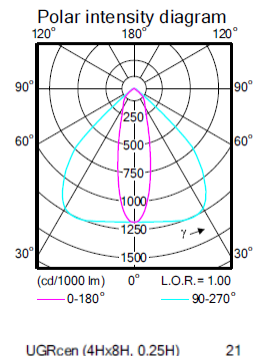
NB



WB



HRO





Product Specification

Product family	Fix/Dali	Intelligent
Product spec.	BY550P	BY550X
System output	10500/ 13650/ 21000lm	10500/ 13650/ 21000lm
System power	80/ 105/ 160W	80/ 105/ 160W
System efficacy	130lm/W	130lm/W
Driver	FIXED / DALI	DALI
Lifetime	70000hrs	70000hrs (life time extend to 100000hrs with average 30% dimming down)
Control	no	ActiLume Wireless DALI Gen2 (effective in 10m)
Sensor	no	ActiLume G2 Indus Sensor H513 (5~12m: 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	Suspended	

Order Information

Description	12NC	Lumen	CCT	Power	Optic	Control
BY550P LED100/CW PSU NB	911401524621	10500	6500	80	NB	Fixed
BY550P LED100/CW PSU WB	911401524521	10500	6500	80	WB	Fixed
BY550P LED100/CW PSU HRO	911401524421	10500	6500	80	HRO	Fixed
BY550P LED100/NW PSU NB	911401524321	10500	4000	80	NB	Fixed
BY550P LED100/NW PSU WB	911401524121	10500	4000	80	WB	Fixed
BY550P LED100/NW PSU HRO	911401522221	10500	4000	80	HRO	Fixed
BY550P LED140/CW PSU NB	911401525221	13650	6500	105	NB	Fixed
BY550P LED140/CW PSU WB	911401525121	13650	6500	105	WB	Fixed
BY550P LED140/CW PSU HRO	911401525021	13650	6500	105	HRO	Fixed
BY550P LED140/NW PSU NB	911401524921	13650	4000	105	NB	Fixed
BY550P LED140/NW PSU WB	911401524821	13650	4000	105	WB	Fixed
BY550P LED140/NW PSU HRO	911401524721	13650	4000	105	HRO	Fixed
BY550P LED200/CW PSU NB	911401522121	21000	6500	160	NB	Fixed
BY550P LED200/CW PSU WB	911401522021	21000	6500	160	WB	Fixed
BY550P LED200/CW PSU HRO	911401521921	21000	6500	160	HRO	Fixed
BY550P LED200/NW PSU NB	911401522321	21000	4000	160	NB	Fixed
BY550P LED200/NW PSU WB	911401525421	21000	4000	160	WB	Fixed
BY550P LED200/NW PSU HRO	911401525321	21000	4000	160	HRO	Fixed

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Order Information

Description	12NC	Lumen	CCT	Power	Optic	Control
BY550P LED100/CW PSD NB	911401523221	10500	6500	80	NB	DALI
BY550P LED100/CW PSD WB	911401523521	10500	6500	80	WB	DALI
BY550P LED100/CW PSD HRO	911401522721	10500	6500	80	HRO	DALI
BY550P LED100/NW PSD NB	911401522621	10500	4000	80	NB	DALI
BY550P LED100/NW PSD WB	911401522521	10500	4000	80	WB	DALI
BY550P LED100/NW PSD HRO	911401522421	10500	4000	80	HRO	DALI
BY550P LED140/CW PSD NB	911401524021	13650	6500	105	NB	DALI
BY550P LED140/CW PSD WB	911401523921	13650	6500	105	WB	DALI
BY550P LED140/CW PSD HRO	911401523821	13650	6500	105	HRO	DALI
BY550P LED140/NW PSD NB	911401523721	13650	4000	105	NB	DALI
BY550P LED140/NW PSD WB	911401523621	13650	4000	105	WB	DALI
BY550P LED140/NW PSD HRO	911401523421	13650	4000	105	HRO	DALI
BY550P LED200/CW PSD NB	911401522821	21000	6500	160	NB	DALI
BY550P LED200/CW PSD WB	911401523021	21000	6500	160	WB	DALI
BY550P LED200/CW PSD HRO	911401522921	21000	6500	160	HRO	DALI
BY550P LED200/NW PSD NB	911401523121	21000	4000	160	NB	DALI
BY550P LED200/NW PSD WB	911401523321	21000	4000	160	WB	DALI
BY550P LED200/NW PSD HRO	911401524221	21000	4000	160	HRO	DALI
BY550X LED100/CW ACW2 IS NB	911401538221	10500	6500	80	NB	Intelligent
BY550X LED100/CW ACW2 IS WB	911401538721	10500	6500	80	WB	Intelligent
BY550X LED100/CW ACW2 IS HRO	911401538321	10500	6500	80	HRO	Intelligent
BY550X LED100/NW ACW2 IS NB	911401538421	10500	4000	80	NB	Intelligent
BY550X LED100/NW ACW2 IS WB	911401538521	10500	4000	80	WB	Intelligent
BY550X LED100/NW ACW2 IS HRO	911401538621	10500	4000	80	HRO	Intelligent
BY550X LED140/CW ACW2 IS NB	911401537021	13650	6500	105	NB	Intelligent
BY550X LED140/CW ACW2 IS WB	911401537821	13650	6500	105	WB	Intelligent
BY550X LED140/CW ACW2 IS HRO	911401537921	13650	6500	105	HRO	Intelligent
BY550X LED140/NW ACW2 IS NB	911401538021	13650	4000	105	NB	Intelligent
BY550X LED140/NW ACW2 IS WB	911401538121	13650	4000	105	WB	Intelligent
BY550X LED140/NW ACW2 IS HRO	911401537721	13650	4000	105	HRO	Intelligent
BY550X LED200/CW ACW2 IS NB	911401537421	21000	6500	160	NB	Intelligent
BY550X LED200/CW ACW2 IS WB	911401537321	21000	6500	160	WB	Intelligent
BY550X LED200/CW ACW2 IS HRO	911401537621	21000	6500	160	HRO	Intelligent
BY550X LED200/NW ACW2 IS NB	911401537221	21000	4000	160	NB	Intelligent
BY550X LED200/NW ACW2 IS WB	911401536921	21000	4000	160	WB	Intelligent
BY550X LED200/NW ACW2 IS HRO	911401537121	21000	4000	160	HRO	Intelligent



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