



PHILIPS

Indoor Lighting

GreenUp Highbay G2



Innovation meets Simplicity

Intelligent lighting revolutionizes HighBay illumination

Height is not an issue any more, maximum 16m movement detection together with the wireless ZigBee control, GreenUp HighBay G2, light up your space smartly.

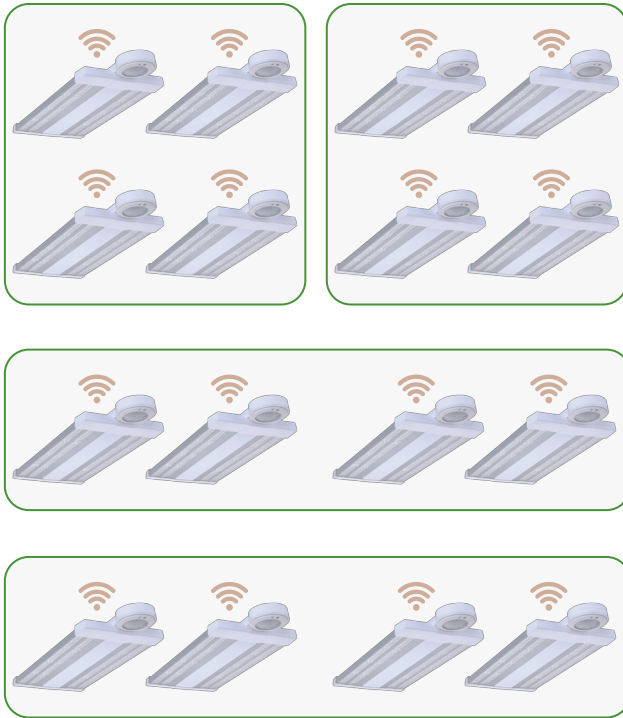
Features and benefits

- ZigBee wireless control and PIR/DDR sensor maximum your saving on energy bill and operation cost
- System efficacy 140lm/W enables significant energy savings up to 80% comparing to HID and T5 system
- IP40 provides better protection against dusts and insects
- Long lifetime 65,000 hours @35°C

Application

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

Control your space – mesh network and wireless zoning

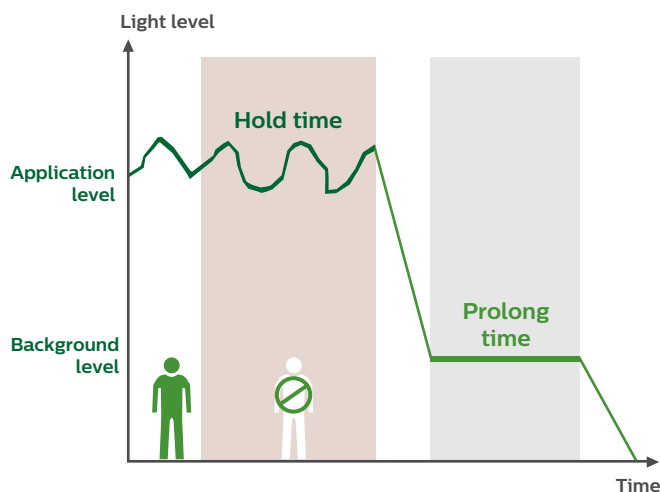


- The size, shape and location of zones can be designed to match the occupation and routing density of people and forklift, allowing optimum balancing of comfort and safety with energy saving.
- Re-zoning is a breeze – it can be done via remote control without any need for specialized devices or technicians, thereby shortening design and planning periods and reducing overall cost of ownership.
- Each zone allows up to 50 adjacent ZigBee devices, which enables optimal space design and utilization.

Light as need – occupancy and daylight detection

- Occupancy sensor improves energy efficiency significantly.
- Consistent light coverage enhances comfort, safety and work efficiency
- Daylight harvest ensures a constant working lux.

Application mode



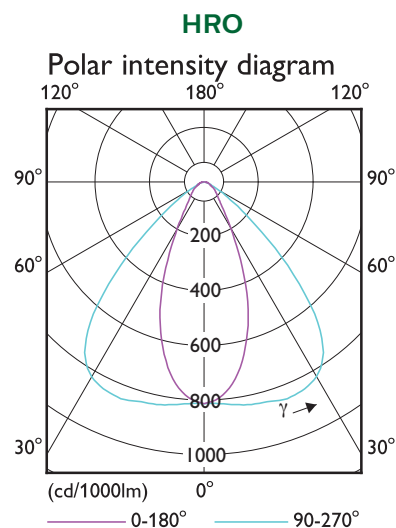
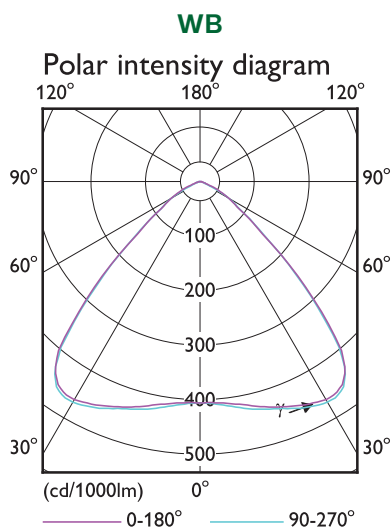
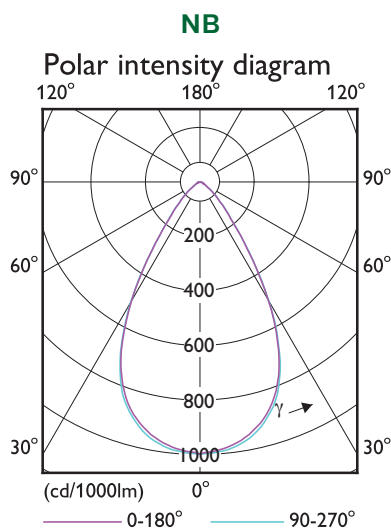
OP mode	Economic	Comfort	Safe
Mode	06	09	10
Motion Detect	on	on	on
Daylight harvest	off	off	on
Hold time (min)	2	5	5
Background	10	20	10
Prolong time (min)	0	255	30
After powered on	off	on	on

The above is the recommended modes, more options available, and could do customization via remote control as well .

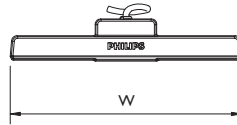
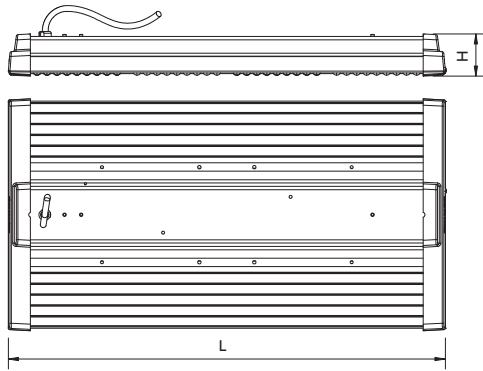
Product data

Product family		GreenUp Highbay G2		
(BY560P/BY560X)		LED105	LED160	LED210
System	Flux packages (lm)	10500lm	16000lm	21000lm
	CCT/color	4000K/6500K		
	CRI	>80		
	System efficacy(typical)	140lm/W	133lm/W	137lm/W
	System wattage	75W	120W	153W
	Color consistency	<5 SDCM		
Optics	Light distribution	WB; NB; HRO		
	Lens	PC		
Electrical	Input voltage	220-240V~ 50/60Hz		
	Power factor	>0.95		
	Driver	Fixed; Dali (Code Lighting possible)		
	THD	< 15%		
	Flicker	< 5%		
	Controller	ActiLume Wireless DALI gen2 LLC1685		
	Sensor	LRI1668	LRI1672	
	Interface to main	flying wire (length 1.5m)		
	Serviceability electrical	Driver		
Lifetime	Luminaire life time	65k hours (L70B50 @35°C)		
Environment	Operating temperature	-20°C < Ta < +45°C		
	IP rate	IP40		
	IK rating	IK03		
Mechanical	Mounting	BY560P: Hook/Pipe/Suspension (hook included in the package) BY560X: Pipe/Suspension (BY218Z Pendant for Pipe included in the package)		
	Housing material	Aluminum Extrusion		
	Endcap material	ABS (ANSI/UL94)		
Approbation / Norms	Approbation	CCC/CB/EMC/CE/SAA/IEC60598		
	Sustainability	RoHS		

Photometry

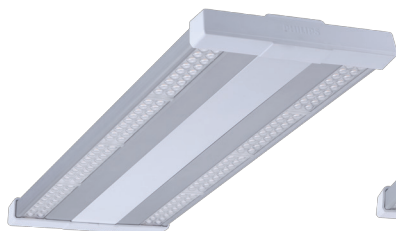


Dimension (Basic version)



Type	Dimension (mm)		
	L	W	H
BY560P LED 105	525	190	35
BY560P LED 160	405	280	50
BY560P LED 210	525	280	50

Visuals



BY560P LED105



BY560P LED160

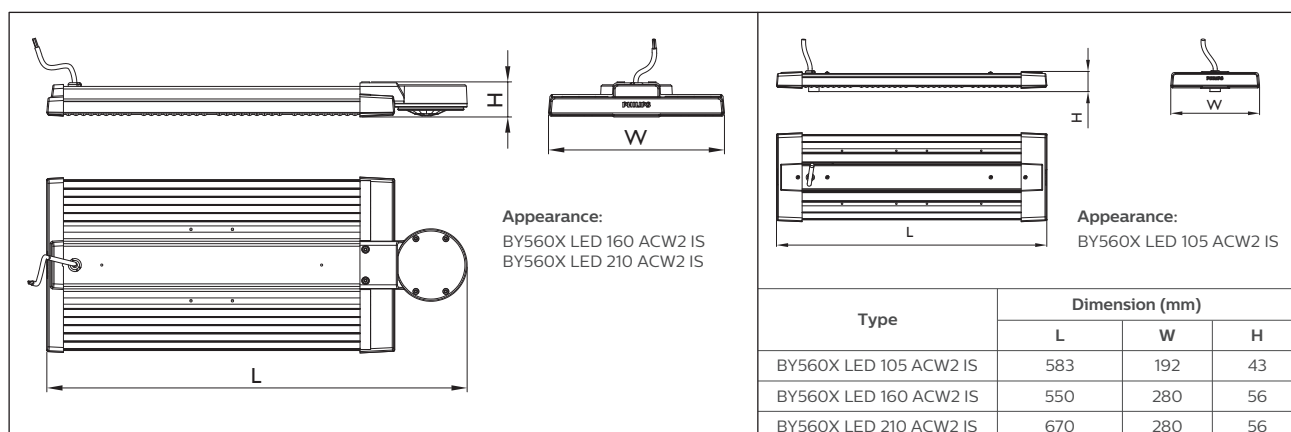


BY560P LED210

Order information

12NC	Description	Specification
911401503351	BY560P LED105/CW PSU HRO	75W, 10500lm, 6500K, fixed output, High Rack Optical
911401503251	BY560P LED105/CW PSU NB	75W, 10500lm, 6500K, fixed output, Narrow Beam
911401503451	BY560P LED105/CW PSU WB	75W, 10500lm, 6500K, fixed output, Wide Beam
911401503051	BY560P LED105/NW PSU HRO	75W, 10500lm, 4000K, fixed output, High Rack Optical
911401504251	BY560P LED105/NW PSU NB	75W, 10500lm, 4000K, fixed output, Narrow Beam
911401502951	BY560P LED105/NW PSU WB	75W, 10500lm, 4000K, fixed output, Wide Beam
911401504151	BY560P LED160/CW PSU HRO	120W, 16000lm, 6500K, fixed output, High Rack Optical
911401503151	BY560P LED160/CW PSU NB	120W, 16000lm, 6500K, fixed output, Narrow Beam
911401504351	BY560P LED160/CW PSU WB	120W, 16000lm, 6500K, fixed output, Wide Beam
911401503551	BY560P LED160/NW PSU HRO	120W, 16000lm, 4000K, fixed output, High Rack Optical
911401503951	BY560P LED160/NW PSU NB	120W, 16000lm, 4000K, fixed output, Narrow Beam
911401504051	BY560P LED160/NW PSU WB	120W, 16000lm, 4000K, fixed output, Wide Beam
911401503751	BY560P LED210/CW PSU HRO	153W, 21000lm, 6500K, fixed output, High Rack Optical
911401503651	BY560P LED210/CW PSU NB	153W, 21000lm, 6500K, fixed output, Narrow Beam
911401503851	BY560P LED210/CW PSU WB	153W, 21000lm, 6500K, fixed output, Wide Beam
911401502751	BY560P LED210/NW PSU HRO	153W, 21000lm, 4000K, fixed output, High Rack Optical
911401502451	BY560P LED210/NW PSU NB	153W, 21000lm, 4000K, fixed output, Narrow Beam
911401502351	BY560P LED210/NW PSU WB	153W, 21000lm, 4000K, fixed output, Wide Beam
911401502551	BY560P LED105/CW PSD/CL HRO	75W, 10500lm, 6500K, Dali dimmable, High Rack Optical
911401502851	BY560P LED105/CW PSD/CL NB	75W, 10500lm, 6500K, Dali dimmable, Narrow Beam
911401502251	BY560P LED105/CW PSD/CL WB	75W, 10500lm, 6500K, Dali dimmable, Wide Beam
911401502651	BY560P LED105/NW PSD/CL HRO	75W, 10500lm, 4000K, Dali dimmable, High Rack Optical
911401507151	BY560P LED105/NW PSD/CL NB	75W, 10500lm, 4000K, Dali dimmable, Narrow Beam
911401507051	BY560P LED105/NW PSD/CL WB	75W, 10500lm, 4000K, Dali dimmable, Wide Beam
911401506751	BY560P LED160/CW PSD/CL HRO	120W, 16000lm, 6500K, Dali dimmable, High Rack Optical
911401506951	BY560P LED160/CW PSD/CL NB	120W, 16000lm, 6500K, Dali dimmable, Narrow Beam
911401507651	BY560P LED160/CW PSD/CL WB	120W, 16000lm, 6500K, Dali dimmable, Wide Beam
911401506851	BY560P LED160/NW PSD/CL HRO	120W, 16000lm, 4000K, Dali dimmable, High Rack Optical
911401507351	BY560P LED160/NW PSD/CL NB	120W, 16000lm, 4000K, Dali dimmable, Narrow Beam
911401507451	BY560P LED160/NW PSD/CL WB	120W, 16000lm, 4000K, Dali dimmable, Wide Beam
911401506651	BY560P LED210/CW PSD/CL HRO	153W, 21000lm, 6500K, Dali dimmable, High Rack Optical
911401506551	BY560P LED210/CW PSD/CL NB	153W, 21000lm, 6500K, Dali dimmable, Narrow Beam
911401507251	BY560P LED210/CW PSD/CL WB	153W, 21000lm, 6500K, Dali dimmable, Wide Beam
911401507751	BY560P LED210/NW PSD/CL HRO	153W, 21000lm, 4000K, Dali dimmable, High Rack Optical
911401507851	BY560P LED210/NW PSD/CL NB	153W, 21000lm, 4000K, Dali dimmable, Narrow Beam
911401507551	BY560P LED210/NW PSD/CL WB	153W, 21000lm, 4000K, Dali dimmable, Wide Beam

Dimension (Intelligent version)



Visuals



Order information

12NC	Description	Specification
911401522051	BY560X LED105/CW ACW2 IS HRO	75W, 10500lm, 6500K, Wireless & Sensor, High Rack Optical
911401522251	BY560X LED105/CW ACW2 IS NB	75W, 10500lm, 6500K, Wireless & Sensor, Narrow Beam
911401522551	BY560X LED105/CW ACW2 IS WB	75W, 10500lm, 6500K, Wireless & Sensor, Wide Beam
911401522851	BY560X LED105/NW ACW2 IS HRO	75W, 10500lm, 4000K, Wireless & Sensor, High Rack Optical
911401522751	BY560X LED105/NW ACW2 IS NB	75W, 10500lm, 4000K, Wireless & Sensor, Narrow Beam
911401522651	BY560X LED105/NW ACW2 IS WB	75W, 10500lm, 4000K, Wireless & Sensor, Wide Beam
911401521551	BY560X LED160/CW ACW2 IS HRO	120W, 16000lm, 6500K, Wireless & Sensor, High Rack Optical
911401521751	BY560X LED160/CW ACW2 IS NB	120W, 16000lm, 6500K, Wireless & Sensor, Narrow Beam
911401521451	BY560X LED160/CW ACW2 IS WB	120W, 16000lm, 6500K, Wireless & Sensor, Wide Beam
911401521651	BY560X LED160/NW ACW2 IS HRO	120W, 16000lm, 4000K, Wireless & Sensor, High Rack Optical
911401521851	BY560X LED160/NW ACW2 IS NB	120W, 16000lm, 4000K, Wireless & Sensor, Narrow Beam
911401522451	BY560X LED160/NW ACW2 IS WB	120W, 16000lm, 4000K, Wireless & Sensor, Wide Beam
911401520351	BY560X LED210/CW ACW2 IS HRO	153W, 21000lm, 6500K, Wireless & Sensor, High Rack Optical
911401521151	BY560X LED210/CW ACW2 IS NB	153W, 21000lm, 6500K, Wireless & Sensor, Narrow Beam
911401520751	BY560X LED210/CW ACW2 IS WB	153W, 21000lm, 6500K, Wireless & Sensor, Wide Beam
911401521051	BY560X LED210/NW ACW2 IS HRO	153W, 21000lm, 4000K, Wireless & Sensor, High Rack Optical
911401520951	BY560X LED210/NW ACW2 IS NB	153W, 21000lm, 4000K, Wireless & Sensor, Narrow Beam
911401521251	BY560X LED210/NW ACW2 IS WB	153W, 21000lm, 4000K, Wireless & Sensor, Wide Beam