



Electrical Information					
Model No.	LHB05-100	LHB05-150	LHB05-200	LHB05-300	LHB05-400
Power Consumption (±5%)	100W	150W	200W	300W	400W
Power Supply	SOSEN				
Input Voltage	120-277 VAC / 277-480 VAC				120-277 VAC
Power Factor	>0.95				
Surge Protection	6kV line-line, 10kV line-earth				
Driver Type	Constant Current (CC)				
Control	Dimmable				
	Microwave sensor / PIR sensor				

Optic Information					
LED Type	LED 3030				
Luminous Flux (±10%)	14000LM	21000LM	28000LM	42000LM	56000LM
Efficacy (5000K Ra70)	140LM/W				
Correlated Color Temperature	4000K, 5000K				
Color Rendering Index	Ra80				
Beam Angle	L04501, L04502, L00401, L00402, L00403				

Description

Mod offers a large light-emitting surface, which delivers high light uniformity and excellent performance with low glare. Its Glare UGR value is a low 19 with anti-glare grid, and is ideal for manufacturing, warehouse, commercial and industrial facility applications.

Additionally, it is a perfect solution for indoor sports facilities and is designed to the DIN 57710-13 sports hall ball test. This durable and robust high bay has a variety of control options including photocell, PIR sensor, Zigbee, Dali, 0-10V dimming, EM capability as well as an anti-glare lens for visual comfort. With a range from 14K to 56K lumens, and 30 years of life at 12 hours a day, this is a workhorse.

Key Features

- 100W/150W/200W/300W/400W
- 140lm/W
- Low UGR
- IP66 IK10 rated
- Specialized asymmetrical optic 40°*140° for aisle, workshop and warehouse.
- Smart control all in one, including PIR, Microwave motion sensor, photocell, Zigbee, Emergency.
- Pendant mounting, pipe mounting for multiple installation.

Applications

- Indoor and outdoor high ceiling application
- Warehouse
- Factory
- Industrial facility
- Exhibition centers
- Stadiums
- Toll stations

* Lumen output and light distribution are only for reference. Not all product variations listed on this page are DLC Standard/Premium qualified. Visit www.designlights.org/search to confirm qualification.

Dimensions and Mount

Product Dimension	340×325×60mm (13.38×12.8×2.36")		680×325×60 (26.77×12.8×2.36")		1020×325×60 (40.16×12.8×2.36")
Luminaire Net Weight	3.5±0.3kg (7.72±0.66Lbs)	3.7±0.3kg (8.16±0.66Lbs)	6.7±0.3kg (14.77±0.66Lbs)	7.8±0.3kg (17.20±0.66Lbs)	10.7±0.3kg (23.59±0.66Lbs)
Export Carton Size	420×385×135mm (16.54×15.16×5.31")		760×385×135mm (29.92×15.16×5.31")		1100×385×135mm (43.31×15.16×5.31")
Gross Weight	4.2±0.3kg (9.26±0.66Lbs)	4.4±0.3kg (9.70±0.66Lbs)	7.5±0.3kg (16.53±0.66Lbs)	8.6±0.3kg (18.96±0.66Lbs)	11.65±0.3kg (25.68±0.66Lbs)
Mounting Option	Suspension mounting Ceiling bracket & ±60deg rotatable bracket mounting				
Material	Aluminum Alloy Polycarbonate Optical Lens				
Finish	Powder Coating				
Fixture Color	Silver gray				
EPA	NA				
IK Rating	IK10				
IP Rating	IP66				

Lifespan and Warranty

Operating Temperature	-30°C to + 50°C (-22°F to 122°F)
Life Time of LED @Ta=25°C	40,000hrs-L90
	82,000hrs-L80
	131,000hrs-L70
Warranty	5 Years

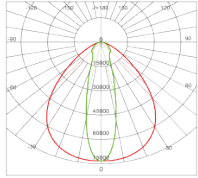
New Features

- Integral Emergency backup, illumination time 90 mins.
- Field-adjustable output for optional.
- Ball test approved.
- Play and plug sensor, external sensor with brackets is for optional
- Easily linkable
- Higher efficacy up to 180lm/w for optional.

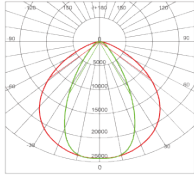
* *Please consult us for details.*

Photometry

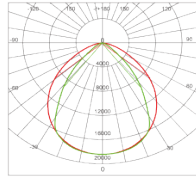
Strip optic lens



A00401
25x85°

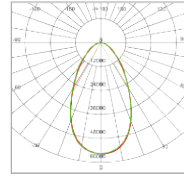


A00402
60x100°

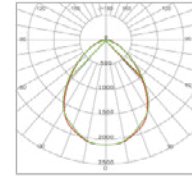


A00403
80x100°

Dotted optic lens

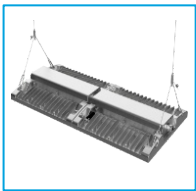


S004501
60°

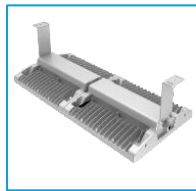


S004502
90°

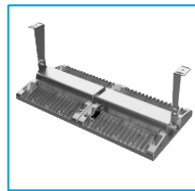
Mounting Options



Loop mounting



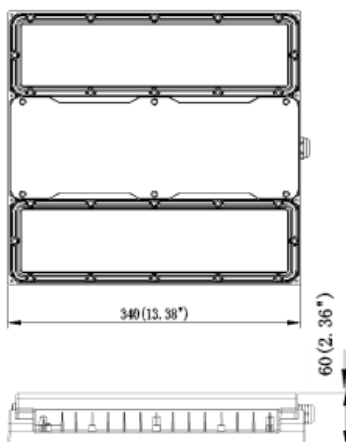
Ceiling mounting



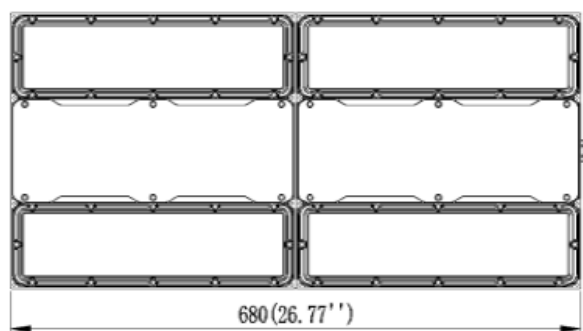
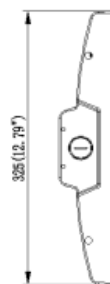
± 60 rotatable
bracket mounting

Dimensions

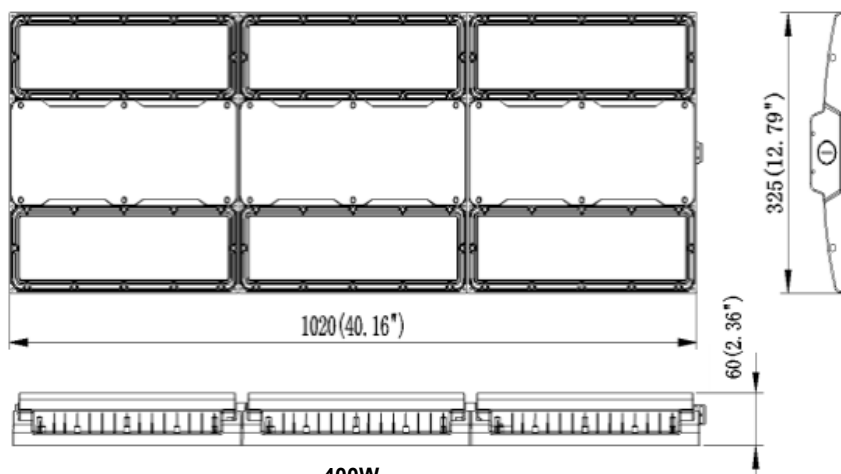
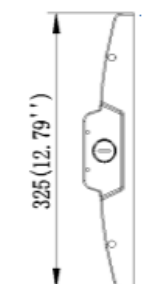
Unit:mm



100/150W



200/300W



400W

Accessories



Safety line
Stainless steel materials



±60deg rotatable bracket
SPCC materials.



Ceiling mount bracket
SPCC materials.



Microwave motion sensor
120-277Vac input, IP65 rating,
max detect height is 15m.

Remote control



PIR sensor
120-277Vac input, IP65 rating,
max detect height is 15m.



Daylight sensor
1-10V DC input, IP20 rating,
daylight Harvesting function.



Optic lens
PC materials.