



POLAR STAR LED High Bay



Shenzhen Mason Technologies Co., Ltd (Headquarter)
Address: 18F, east building, great China international exchange square,
Futian district, Shenzhen, Guangdong province, China.
Tel: +86-755-33378929

Guangdong Mason Technologies Co., Ltd (Production Base)
Address: No.1, West Industrial 1st Road, Songshan Lake, Dongguan 523808, China
Tel: +86-769-89950999
Fax: +86-769-89950329
E-mail: market@masonled.com

80W-240W

- ⦿ The luminous efficiency range from 160-180 lm/w.
- ⦿ IK08
- ⦿ IP65
- ⦿ Motion sensor optional.
- ⦿ Additional reflector and refractor optional.
- ⦿ Various installation accessories cover different application area requirements.
- ⦿ Lumen package/power changeable through DIP switch.
- ⦿ Branded LED driver and quality LED components used.



4 sizes and different wattages



PRODUCT FEATURES



Features

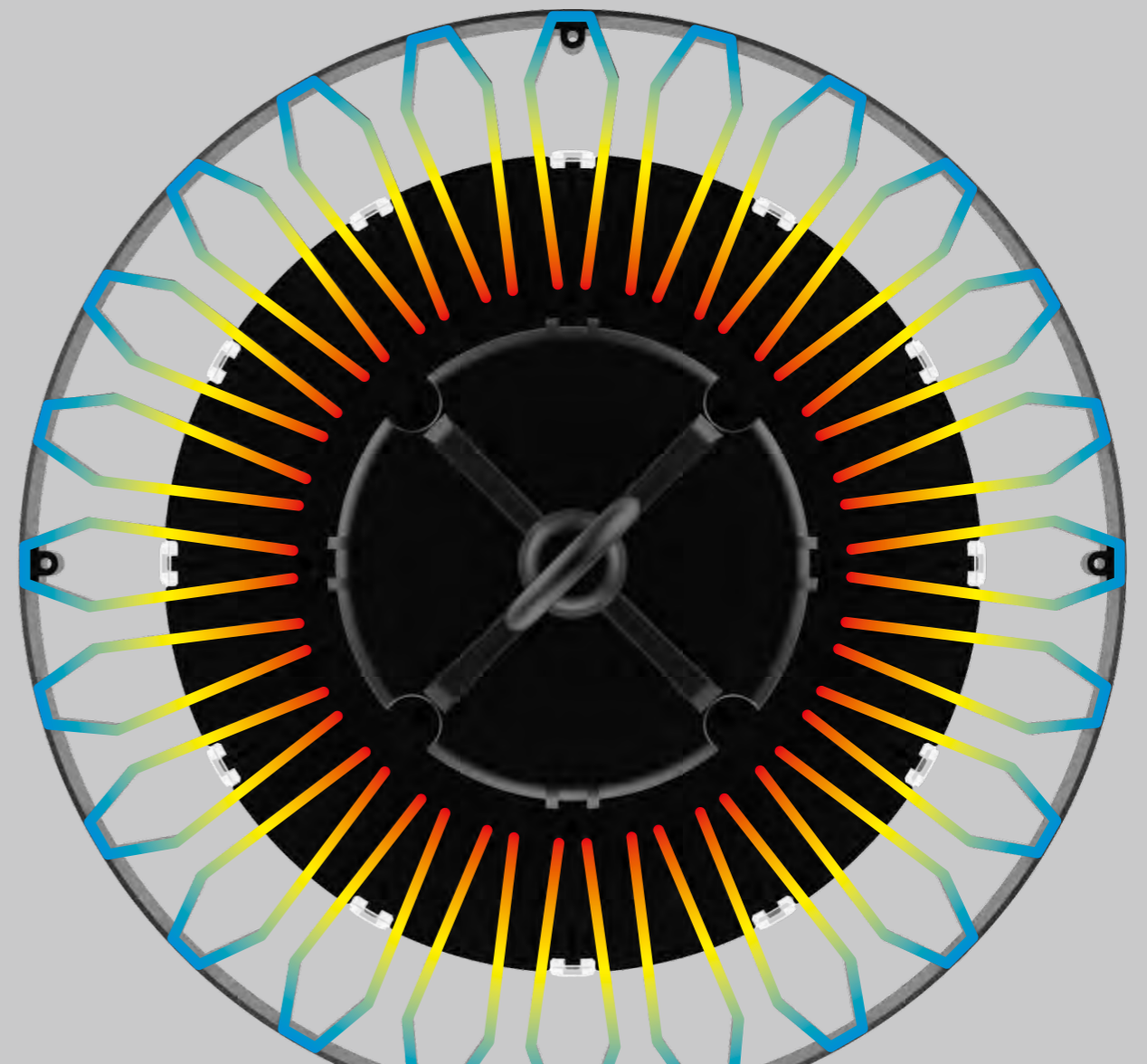
- ◆ Die casting aluminium housing with efficiency heat dissipation effect.
- ◆ Multiple optic lens optional, beam angle 60°, 90°, 120° offered.
- ◆ Mason own design and tooling.
- ◆ Motion sensor for option, more energy saving.
- ◆ Convenient for installation and maintenance.

Product introduction

- ◆ Mason own designed polar star LED high bay light, adopting die-casting aluminium alloy housing.
- ◆ Ring lens design, offer more flexible solutions for luminaire efficiency.
- ◆ Reserved with motion sensor installation position, can make customer's warehouse illumination solution with more diverse options.
- ◆ Total designed with 4 different housing sizes, each size housing with 3 different output beam angles.

Application area

- ◆ Warehouse
- ◆ Garage,
- ◆ Supermarket,
- ◆ Workshop,
- ◆ Stadium,
- ◆ Hall and other indoor public/private places.



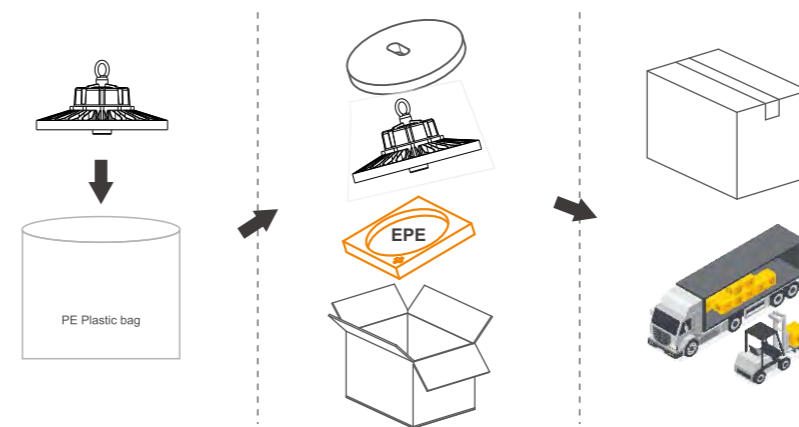
TECHNICAL SPECIFICATIONS

Item No:	MS-SP265080	MS-SP266100	MS-SP267120	MS-SP268150	MS-SP269200	MS-SP270240
System power	80W	100W	120W	150W	200W	240W
Input voltage (V ac)	100/120V-240/277V					
Frequency	50/60Hz					
Beam angle	60°;90°;120°					
Color temperature	3000K;4000K;5000K;6500K					
CRI	70/80					
SDCM	≤5					
Lumens output	11200	14000	16800	21000	28000	33600
Efficiency	160-180 lm/W					
Dimmable /None dimmable	Dimmable & Non-dimmable for options					
Flicker	Flicker free					
Power Factor	≥0.9					
Dimensions:	φ270*H160		φ290*H165		φ310*H180	φ350*H185
Weight	2.8KG		3.2KG		3.6KG	4.5KG
Color	Black					
Working temperature.(°C)	-30~50°C					
IP rate	IP65					
IK rate	IK08					
Designed Lifetime	50,000H					
LED brand	CREE,OSRAM,Lumileds,Mason					
Photobiological class	RG0/1					

One Fixture get Different Lumens Packages Through DIP Switch

0/1-10V, DALI dimmable version optional

PACKAGING



Luminaire power	80W	100W	120W	150W	200W	240W
Carton size (outer box)(mm)	681*681*150		721*721*150		761*761*174	841*841*174
Qty per carton	4					
Packing volume (outer box)	0.07		0.078		0.1	0.12



ACCESSORIES



Standard Version



Motion Sensor Version



With refractor version



With reflector version



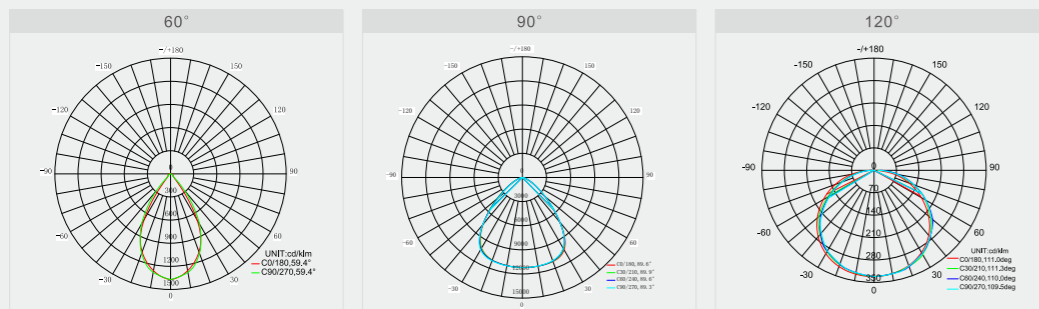
Emergency Version



Remote controller for motion sensor data setting.

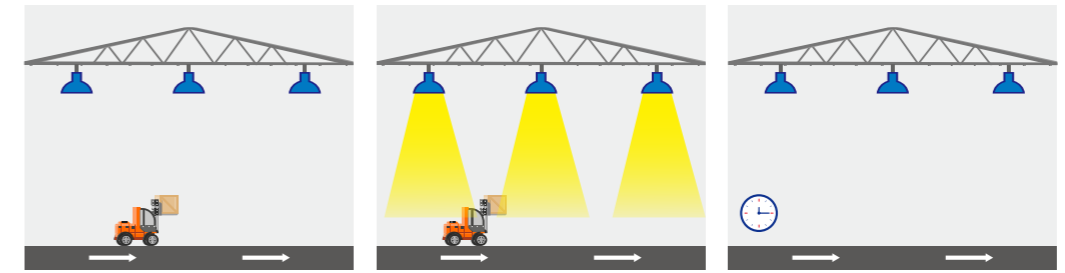


LIGHT DISTRIBUTION CURVE



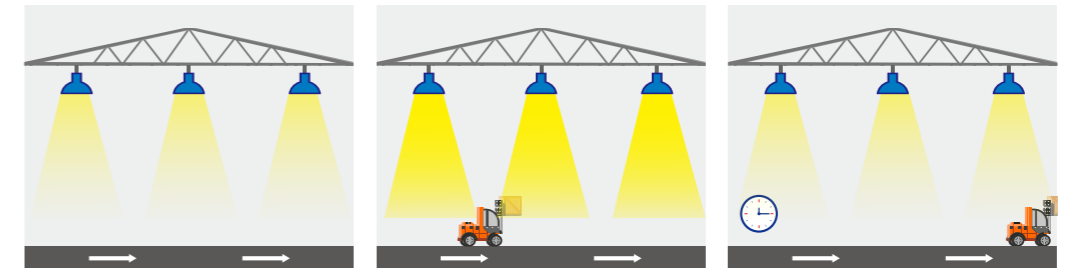
LUMINAIRE WITH MOTION SENSOR MAIN FUNCTIONS

ON/OFF Function (stand-by period be set to "0's")



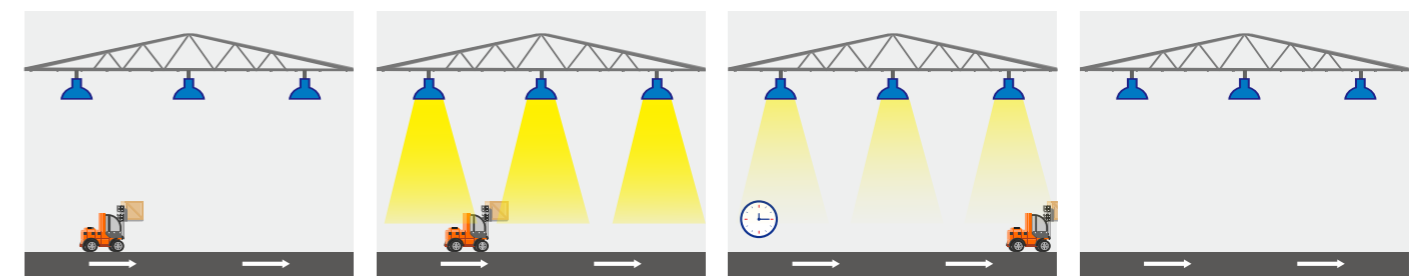
With sufficient ambient light, the light will not be switched on even if with motion signal. With insufficient ambient light, the sensor switches on the light when motion is detected. After elapse of hold time, the sensor switches off the light when no motion is detected.

2-step dimming function (stand-by period be set to "+ ∞")



If there is no motion detected, the light will be remained at a low light level all the time. When motion is detected, the sensor will switch on the light to 100% brightness. After elapse of hold time, the sensor dims the light at the present low light level if no motion is detected.

3-step dimming function (stand-by period be set to "10S/1min/3min/5min/10min/30min")



With sufficient ambient light, the light will not be switched on even if with motion signal. With insufficient ambient light, the sensor switches on the light when motion is detected. After elapse of hold time, the sensor dims the light at a low light level if no new motion is detected. After elapse of standby period, the sensor switches off the light if no motion is detected in the detection zone.