JC-LGL
JCLGL-LED.COM

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RMS-H2309

KEY ADVANTAGES

- Light Efficiency up to 150lm/W
- Best choice for replacing fluorescent lamps
- Visual comfortable light comes from a simple contour
- Standard AC120-277V, optional HVU 347V/480V
- Standard Semi-frosted diffuser with high transmittance
- Optional prismatic diffuser reduces glare light toughly
- Optional frosted diffuser delivers best light uniformity
- Standard 1-10V dimming
- Optional pluggable sensor
- Optional power adjustable
- Optional emergency battery backup
- Standard aircraft cable mounting
- Optional pendant or surface mounting
- Projected lifespan of 50,000 hrs.
- Suitable for use in -40°C to 55°C (-40°F to 131°F)
- UL/cUL damp location listed, CE/RoHS/FCC approval
- 5 years warranty

TYPES OF APPLICATION

- Warehouses&Aisles
- Distribution Centers
- Schools
- Municipalities
- Gymnasiums
- Retail centers

WAREHOUSES &AISLES

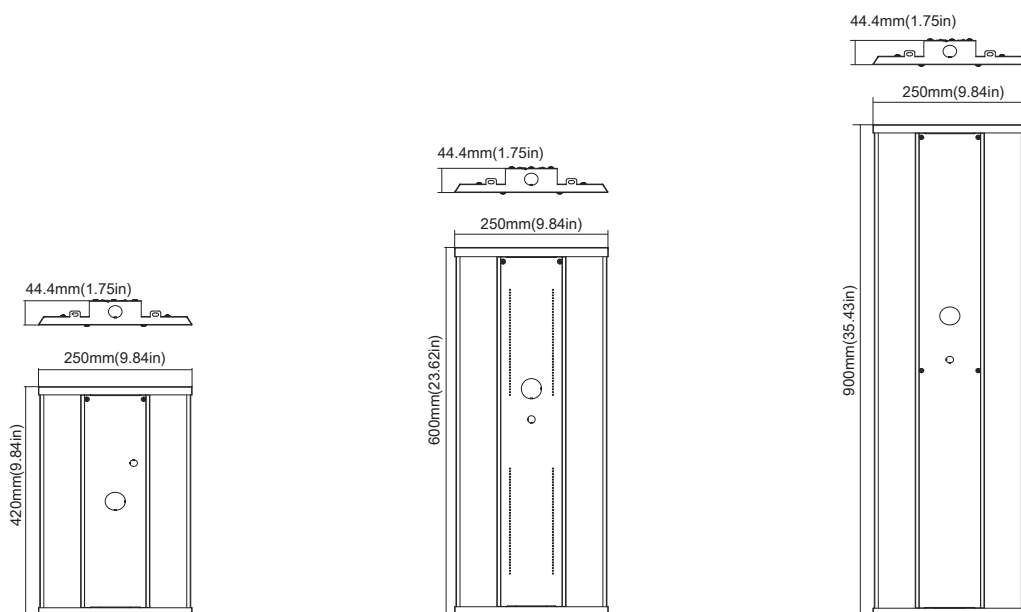DISTRIBUTION CENTERS

SCHOOLS

RETAIL CENTERS

GYMNASIUMS

MUNICIPALITIES

RMS-H2309 | CHARACTERISTICS

SPECIFICATIONS

Model No.	Wattage	Luminous Flux(lm)	Diffuser	Beam Angle	Input Voltage	LED Type	Dimmable	CRI	CRI	Waterproof Grade	Installation Way
RMS-H230990	90W	13500lm	Semi-frosted	90°	AC120-277V, 50-60Hz	Epistar	0-10V	≥70	≥0.9	Damp Location	Suspended Mounting
		12600lm	Prismatic								
		11700lm	Frosted								
RMS-H2309130	130W	19500lm	Semi-frosted	90°	AC120-277V, 50-60Hz	Epistar	0-10V	≥70	≥0.9	Damp Location	Suspended Mounting
		18200lm	Prismatic								
		16900lm	Frosted								
RMS-H2309175	175W	26250lm	Semi-frosted	90°	AC120-277V, 50-60Hz	Epistar	0-10V	≥70	≥0.9	Damp Location	Suspended Mounting
		14500lm	Prismatic								
		22750m	Frosted								
RMS-H2309210	210W	31500lm	Semi-frosted	90°	AC120-277V, 50-60Hz	Epistar	0-10V	≥70	≥0.9	Damp Location	Suspended Mounting
		29400lm	Prismatic								
		27300lm	Frosted								
RMS-H2309270	270W	40500lm	Semi-frosted	90°	AC120-277V, 50-60Hz	Epistar	0-10V	≥70	≥0.9	Damp Location	Suspended Mounting
		37800lm	Prismatic								
		35100lm	Frosted								
RMS-H2309300	300W	45000lm	Semi-frosted	90°	AC120-277V, 50-60Hz	Epistar	0-10V	≥70	≥0.9	Damp Location	Suspended Mounting
		42000lm	Prismatic								
		39000lm	Frosted								

DIMENSION

Weight:

90W: 4.63lb

130W: 4.63lb

175W: 5.67lb

210W: 5.80lb

270W/300W: 9.02lb

44.4mm(1.75in)
250mm(9.84in)
420mm(9.84in)

90W/130W

44.4mm(1.75in)
250mm(9.84in)
600mm(23.62in)

175W/210W

44.4mm(1.75in)
250mm(9.84in)
900mm(35.43in)

270W/300W

OPTICS OPTIONS

Various optics diffusers and mounting options covering all your application needs

Semi-frosted Diffuser (High efficacy)

Prismatic Diffuser (Low glare)

Frosted Diffuser (Soft light)

DETAILS

Diffuser Panel
3 types of diffusers are available:
Semi-frosted diffuser for max lumens;
Prismatic diffuser for least glare light;
Frosted diffuser for best light uniformity.

Emergency Battery（Optional）
Work during power outages,
for emergency lighting.

Housing
Advanced thermal management
aluminum alloy with white coat finish.
Avialable for pendant mount or
sling mount.

Threaded Conduit
Support wires coming from the hole
for easier wire connections.

PIR Sensor (Optional)
Optional PIR sensor allows
for security and energy saving.

PACKAGING

POWER	PACKAGE SIZE	QTY/CTN	SINGLE PIECE VOLUME	NET WEIGHT	GROSS WEIGHT	20GP	40HQ
90W	45x44.5x17.5cm	6PCS/CTN	0.035m³	12.44kg	13.91kg	5466pcs	12756pcs
130W	45x44.5x17.5cm	6PCS/CTN	0.035m³	12.57kg	14.05kg	5466pcs	12756pcs
175W	63x44.5x17.5cm	6PCS/CTN	0.049m³	15.28kg	17.07kg	3972pcs	9132pcs
210W	63x44.5x17.5cm	6PCS/CTN	0.049m³	15.64kg	17.43kg	3972pcs	9132pcs
270W	92.5x44x5.5cm	2PCS/CTN	0.022m³	8.13kg	9.14kg	2900pcs	6678pcs
300W	92.5x44x5.5cm	2PCS/CTN	0.022m³	8.13kg	9.14kg	2900pcs	6678pcs

Easy installation saves time and money !

• Light weight, compact size, full lighting performance.

• One installer can manage and install a volume of units from a single lift truck.

• Bulk packaging reduces overall cost of storage, handling, unpacking and clean-up.

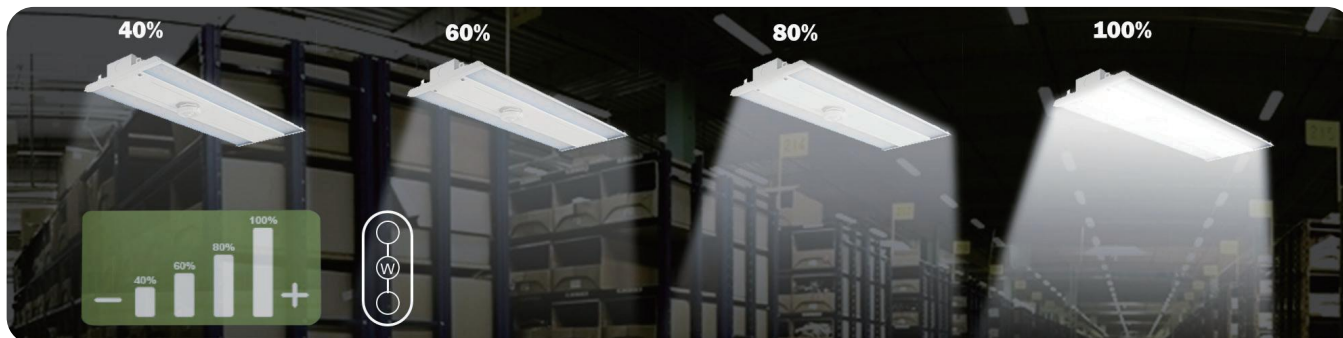Fit up to 3X more on a pallet and lift platform

Up to **30%**

faster to handle,stage, install and clean-up
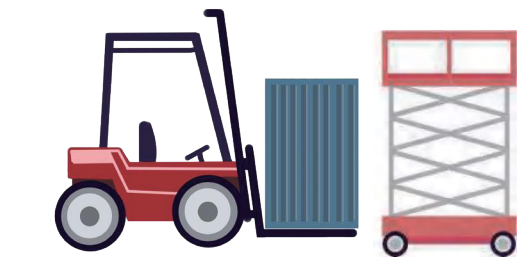
Only one person
is required to
complete the
installation

POWER ADJUSTABLE

PLUGABLE SENSOR

• Typical installation height is 40ft, detective range is 30ft

Plug-and-Play Microwave Sensor

Plug-and-Play PIR Sensor

40ft

30ft

UPGRADE YOUR PROJECT WITH BLUETOOTH NETWORKED CONTROLS

• Increase profit margins with additional incentives for energy rebate programs.
• Reliable controls with user-friendly software that is thoroughly tested with our products.

Remote control

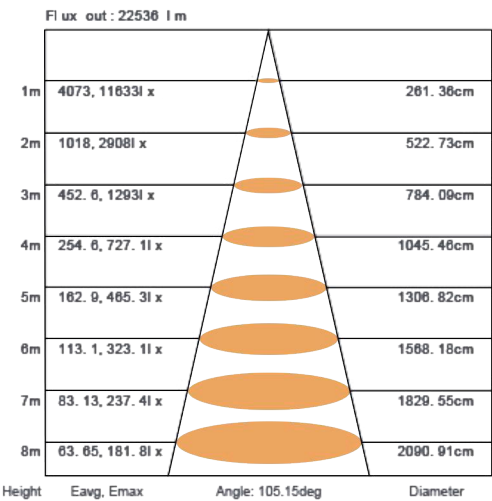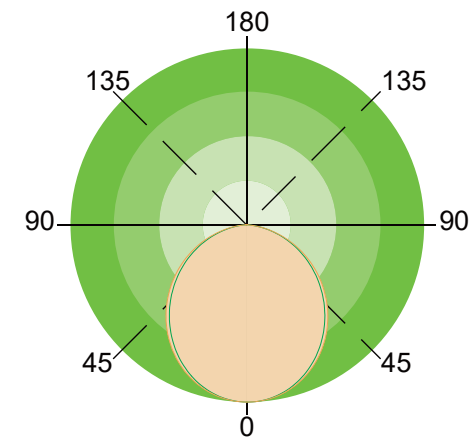Grouping

Scheduling

0-10V Dimming

Occupancy Sensor

Bluetooth Controls allow the lighting professional to completely customize a lighting solution for each new project. Each fixture receives a Plug & Play Controller or a Plug & Play Sensor & Controller, enabling it to be connected to the Bluetooth Mesh Network in 2 simple stages.

LIGHT DISTRIBUTIONS

PHOTOMETRICS
General

Flux out : 22536 lm

Height	Eavg, Emax	Angle: 105.15deg	Diameter
1m	4073, 11633lx		261.36cm
2m	1018, 2908lx		522.73cm
3m	452.6, 1293lx		784.09cm
4m	254.6, 727.1lx		1045.46cm
5m	162.9, 465.3lx		1306.82cm
6m	113.1, 323.1lx		1568.18cm
7m	83.13, 237.4lx		1829.55cm
8m	63.65, 181.8lx		2090.91cm

OPTIONAL ACCESSORIES

Prismatic Diffuser (Low glare)

Frosted Diffuser (Soft light)

Semi-frosted Diffuser (High efficacy)

Plug-and-Play Microwave Sensor

Plug-and-Play PIR Sensor

Wire Guard

Suspended Mounting

Pendant Mounting

Surface Mounting

Emergency Battery
15W, 90 min