

LSC-3G

Project Name:

Type:



CASAMBI

APPLICATION

This is design for LED surface mount luminaire. Ideal for walkways, building exterior, entrances, mall areas and perfect for hard to service locations.

FEATURES:

- Sealed die-casting aluminum housing for indoor and outdoor applications.

MOUNTING:

- Ceiling surface mounting and pendant mounting available.

LED:

- LM79, LM80 Compliant.
- Estimated 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.
- Lumen Maintenance L70 greater than 100,000 hours IESNA TM-21.
- Lumen output from 3750-16000lm with efficacy up to 171lm/W.
- Replacing 100-400W Metal Halide.
- Color temperature: 3000/4000/5000 (K)
- CRI +70

ELECTRICAL:

- 120-277V, 0-10V dimming standard.
- Operating temperature: -40°C to 40°C (-40°F to 104°F).

LISTING:

- Listed to UL 1598 and UL 8750.
- UL / cUL wet location listed.
- DLC Premium listed. ²
- IP65.
- 5 years warranty.
- ARRA compliant. (optional)

ORDERING INFORMATION

EXAMPLE: LSC-3G-27LED-UNV-50K-BZ-DM-UNV

MODEL	LED		COLOR TEMP.		FINISH		DRIVER	
LSC-3G	27LED	27W LED	-50K	5000K (Std.)	BZ	Dark Bronze	DM	0-10V Dimmable
	40LED	40W LED			*BK	Black RAL#9011		
	60LED	60W LED	-3T	3000/4000/5000K Field Selectable	*WH	White RAL#9016		
	3SL	60/48/36/25W Field Selectable			*GR	Gray RAL#7045		
	3SH	110/85/63/41W Field Selectable	-3T	3000/4000/5000K Field Selectable	**CC	Custom Color		

* Non-standard finish with extra charge.
** Additional charge & set up fee.

VOLTAGE		OPTIONS	
UNV	120-277V (Std.)	MS-xx	On/Off motion sensor. "xx" for lens type; L1 or L2 ¹
		BRI-xx	Bi-level occupancy sensor with daylight, 0-10V, adjustable via DIP switch. "xx" for lens type; L1 or L2 ¹
		RC-100	Remote control for the BRI sensor
		MWS	Integrated built-in microwave sensor
		EMG8W	Wet location suitable, 8W EM Battery Backup
		ARRA	Assembled in USA for Buy American act
		SP10	Integrated 10kV/10kA surge protection
		CASAMBI	Contact factory for CASAMBI READY options

NOTES:

- L1: Max 25ft mounting height
L2: Max 40ft mounting height
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

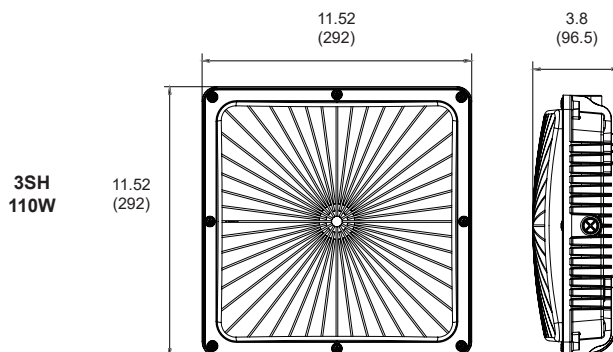
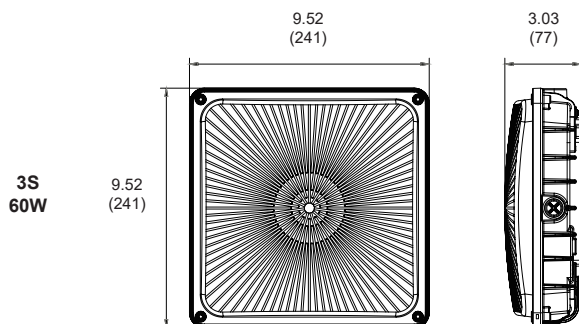
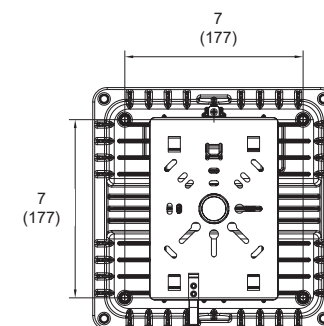
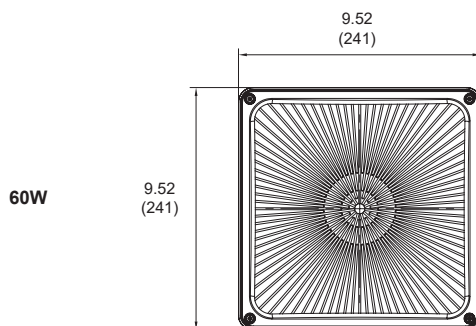
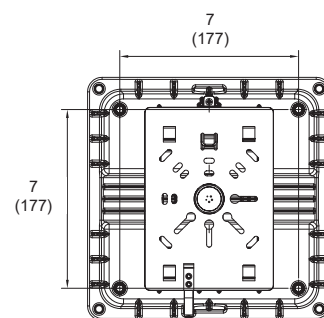
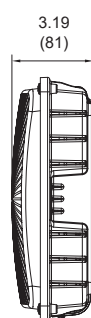
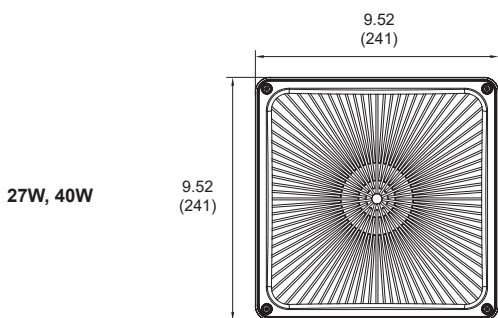
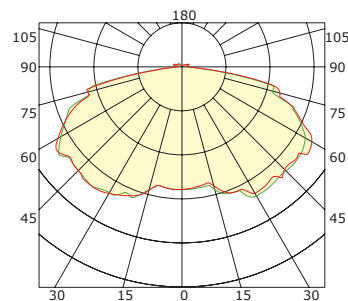
LSC-3G

CONFIGURATIONS

Series	LED	Lumen Output (4000K)	Lumen Efficiency	Lumen Output (5000K)	Lumen Efficiency	Weight
LSC-3G	27LED	3750 lm	139 lm/W	3800 lm	141 lm/W	3.6lb / 1.6 kg
	40LED	5350 lm	134 lm/W	5450 lm	136 lm/W	4.1lb / 1.8 kg
	60LED	7800 lm	130 lm/W	8000 lm	133 lm/W	5.07lb / 2.3 kg

Series	LED	Lumen Output (5000K)	Lumen Efficiency
LSC-3G-3S	60W/48W/36W/25W	8000/6600/5300/3800 lm	133/137/147/152 lm/W

Series	LED	Lumen Output (5000K)	Lumen Efficiency
LSC-3G-3SH	110W/85W/63W/41W	16000/13000/10000/7000 lm	145/153/159/171 lm/W



* All dimensions are in inches (millimeters).

LED SURFACE CANOPY LUMINAIRE

Housing

One piece die cast housing better waterproofing, suitable for both indoor and outdoor application.

Mounting Bracket

Suitable for J-BOX mounting, and easy for installation, also support pendant mounting, wires coming out from the back for easier wire connections.

PHOTOMETRY

Parking Garage Photometry and polycarbonate optical lens with heat resisting.

1/2inch knock hole

Support wires coming from the hole for easier wire connections. Optional PIRsensor and EmergencyBattery.



EMG8W

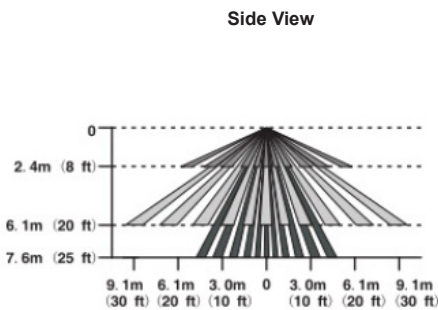
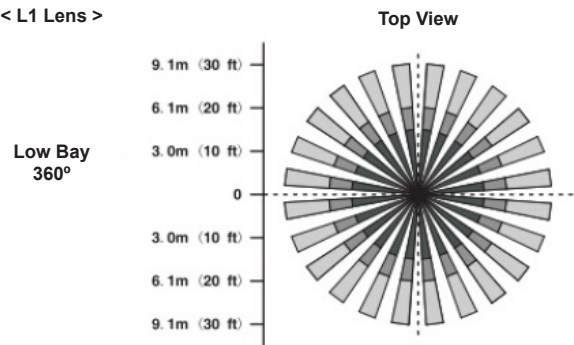


SENSOR (MS / BRI)

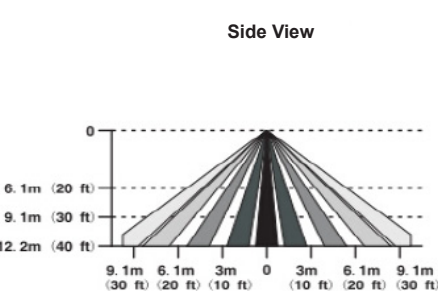
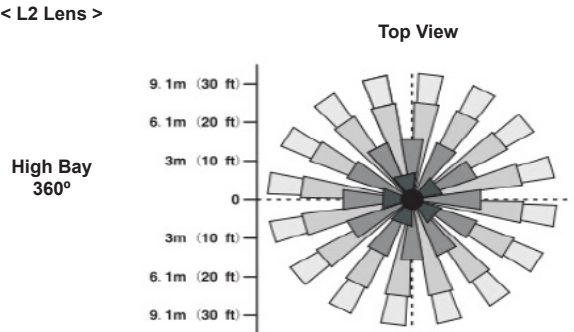
MS / BRI sensor specifications	
Power Supply	120-277VAC, 50/60Hz
Max. Load	800W @ 120V, 1200W @ 277V
Detection Radius	L1 lens: 30FT @ 25FT height, 360°
	L2 lens: 30FT @ 40FT height, 360°
Humidity	Max. 95% RH
Temperature	-40°F to 167°F (-40°C to 75°C)

BRI default setting	
Sensitivity	20%/50%/75%/100%
Time	10sec/1min/5min/15min
Light Level	disabled/10lux/30lux/50lux
Stand-by Level	0%/10%/30%/50%
Stand-by Time	Infinite/1min/30min/60min

< L1 Lens >



< L2 Lens >



LSC-3G

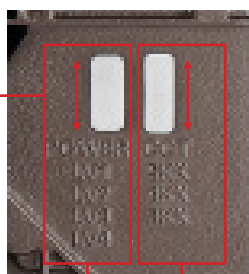
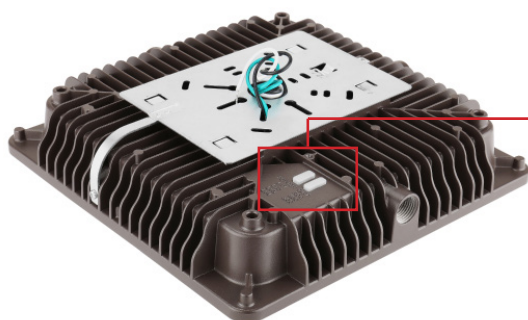


Microwave Sensor (MWS)







Surface Mounted With J-Box




Conduit Pendant Mount



CCT AND WATTAGE SELECTABLE

This fixture has the function of adjusting the lumens output and color temperature on-site.

WATTAGE SELECT			
			
40%	60%	80%	100%
Each model supports 4 positions wattage regulation: 100%, 80%, 60%, 40%			

CCT SELECT		
		
3000K	4000K	5000K
Offer three CCT adjustable (3000K, 4000K, 5000K)		