



SGSAL Series

LED Canopy Light Battery Backup



SGSAL

LED CANOPY LIGHT Battery Backup



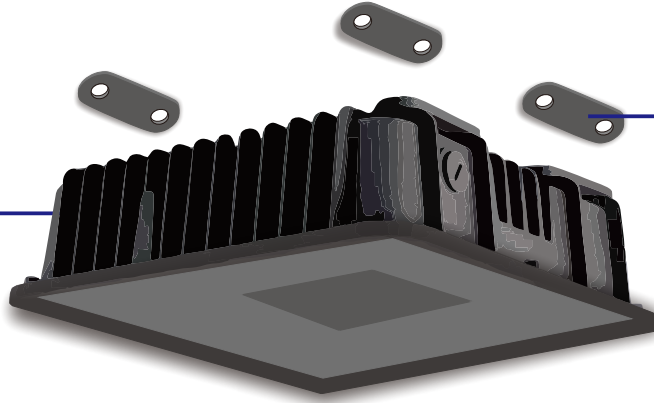
Looking for ways to reduce the cost of your LED canopy lighting?

DLC Premium Qualified LED canopy light fixtures emergency battery backup can guide people out of the garage or gas station in time under power outages, blackouts, fires, and lightning strikes, etc. In addition, these led garage ceiling lights usually are surface mounted or conduit mounted overhead ceiling lights. And they are ideal for indoor or outdoor commercial lighting, such as gas stations, workshops, garages, and warehouses.

LED Canopy Light Battery Backup

Low Profile Aluminum Case

Die-casting aluminum alloy heat sink with superior thermal performance. Waterproof IP 65 rated & Powder coating finish for rust-proof

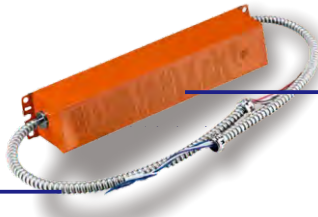


Mount Kits

Match with J-BOX installation or surface mounted on the ceiling.

Emergency Switch

Std. push-button for checking if it can work in emergency mode. Integrated with indicator lamp. Conduct a 30-second discharge test by depressing the test button monthly.



Intelligent Battery

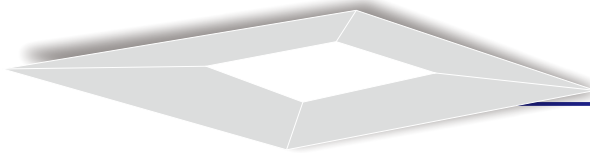
Switch to emergency mode automatically when power is off to keep safe in time. Provide 90~180 minutes of runtime in an emergency.



LED Driver

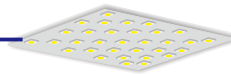
- UL Listed
- 100-277vac
- 1-10VDC Dimming available

Reflector



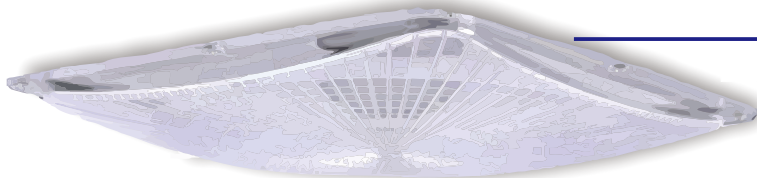
LED Chip Assem.

LM 80 High efficacy of SMD LED chips. High efficacy LED boards with dual copper cladding for thermal dissipation



Cover

Shatter-proof polycarbonate lens distribution design 120° beam angle. High lumen efficiency 120 LPW -130 LPW



Model #	LT-SGSAL-EM
Type	CEILING LIGHTS (G2)
Note	Ver B 2020-10

DESCRIPTION

LED canopy lights battery backup provide die-casting aluminum alloy heat sink and high shock-proof polycarbonate refractor. With battery backup, ceiling mounted canopy lights provide 90~180 minutes of work time. It meets the standards of UL924, EN61347-1, and EN613470-2-7. On the other hand, intelligent emergency automatic detection function is available. This to say, outdoor canopy emergency lights led can switch on emergency mode automatically.

CONSTRUCTION & MATERIALS

- ◆ High-duty die-casting aluminum housing, fully sealed to be dirt and bug proof
- ◆ Impact-proof polycarbonate cover
- ◆ Vandal Proof
- ◆ IP 65 rating waterproof protection
- ◆ Black polyester powder-coated finish (white finish is available)
- ◆ Test switch with remote for emergency mode
- ◆ Indicator lamp built with test switch
- ◆ Emergency automatic detection function

EMERGENCY BATTERY

- ◆ Lithium or NI-MH
- ◆ UL 924 & CEC title 20 compliant
- ◆ Charge time: 24 hrs
- ◆ Emergency time: 90~180 minutes
- ◆ Charge cycle: >500 times

MOUNTING AND WIRING

- ◆ Surface mount/Conduit mount

ENVIRONMENTAL SYSTEM

- ◆ Outdoor wet/damp location

ELECTRICAL SYSTEM

- ◆ Input voltage 100-277VAC /347VAC
- ◆ ETL/cETL, CE/RoHS.
- ◆ DLC Premium

OPTICAL SYSTEM

- ◆ 120 lm/w output efficacy
- ◆ Color temperature: 3000K, 4000K, 5000K and 5700K. Other color temperature available for special order, consult factory for lead time.
- ◆ 120° beam angle

LIGHTING CONTROL

- ◆ 0/1-10vdc dimming available
- ◆ Microwave motion sensor available
- ◆ Dusk to Dawn available

WARRANTY

- ◆ 5 Years

STANDARD

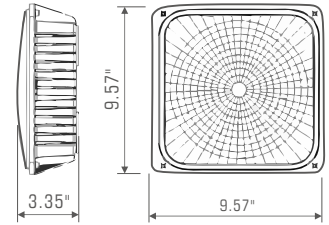
- ◆ EN61347-1, EN61347-2-13, EN60598-2-1, EN60598-1
- ◆ UL 924, UL 1598, CAN/CSA -C.22.2 NO. 250.0,



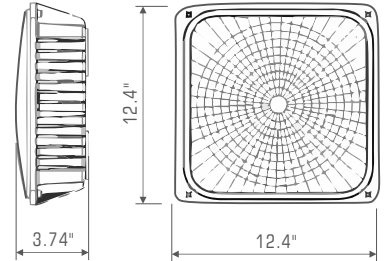
Built-in Battery Backup



DIMENSION



LT-SGSAL-40W-EM
LT-SGSAL-60W-EM



LT-SGSAL-90W-EM
LT-SGSAL-120W-EM

DATA SHEET

Model#	LT-SGSAL-40W-EM	LT-SGSAL-60W-EM	LT-SGSAL-90W-EM	LT-SGSAL-120W-EM
DLC Code	WWWBPG	WWWBPF	WWWBPE	Pending
LED Power	40W	60W	90W	120W
Lumen Output	4800 lm	7200 lm	11000 lm	14440 lm
Input Voltage	100-277VAC	100-277VAC	100-277VAC	100-277VAC
Emergency Power	4W	4W	8W	8W
Emergency Output	600 lm	600 lm	1200 lm	1200 lm
Duration	90 min.(120~180min)	90 min.(120~180min)	90 min.(120~180min)	90 min.(120~180min)
Battery	Lithium	Lithium	Lithium	Lithium
Lifespan (hrs)	50,000	50,000	50,000	50,000
Operating Temp.	0°C~+50°C	0°C~+50°C	0°C~+50°C	0°C~+50°C

ORDER INFORMATION

Sample Number: : LT-SGSAL-60W-50K-EM-STD.

Com.	Family Name	power	Voltage	CCT	Control Mode	Duration
LT	SGSAL	40W 60W 80W 90W 120W	Std.=100-277vac HV= 347VAC	30K=3000K 40K=4000K 50K=5000K 57K=5700K 65K=6500K	DM=0-10VDC Dimming PC=Photocell MS= Motion sensor EM= Emergency Backup	Std=90 minutes 2H=120 minutes 3H=180 minutes

ACCESSORIES



Emergency Backup
(Duration 90-180 min.)



MS= Motion Sensor
Microwave



Mount Kits

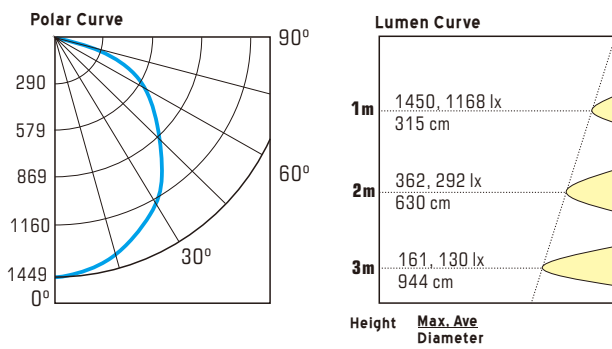
Model #	LT-SGSAL-EM
Type	CEILING LIGHTS (G2)
Note	Ver B 2020-10

PACKAGE

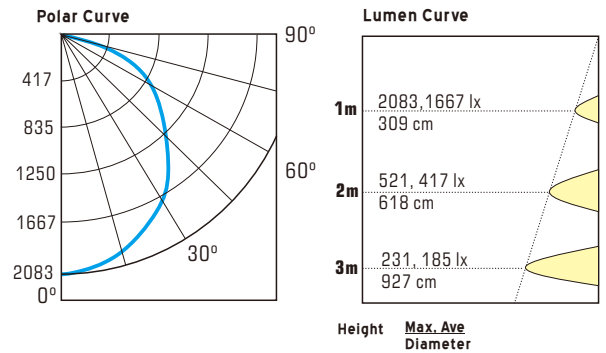
NO.	Model#	Carton Size (LXWXH)	G. W. / CTN	QTY/CTN
1	LT-SGSAL-40W-EM	33x33x15 cm	4.8 kg	1 pc
2	LT-SGSAL-60W-EM	33x33x15 cm	5.0 Kg	1 pc
3	LT-SGSAL-90W/120W-EM	38x38x17 cm	6.7 Kg	1 pc

PHOTOMETRICS

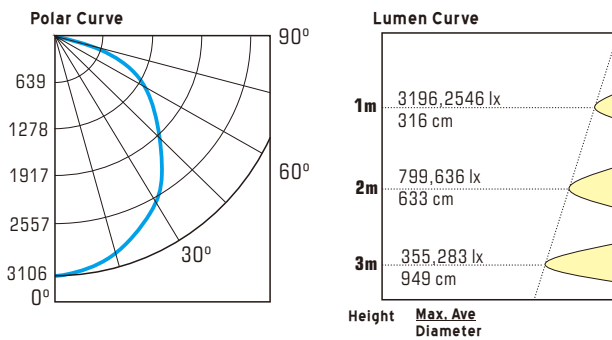
MODEL# LT-SGSAL-40W-EM



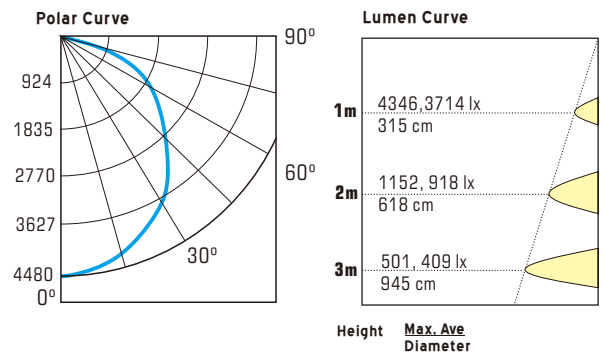
MODEL# LT-SGSAL-60W-EM



MODEL# LT-SGSAL-90W-EM



MODEL# LT-SGSAL-120W-EM



MOUNT GUIDE

This emergency led canopy light battery backup is easily installed to the ceiling with mount brackets. No hard-wiring is needed A lot of time and labor costs will be saved. Mount height is for installation reference.

