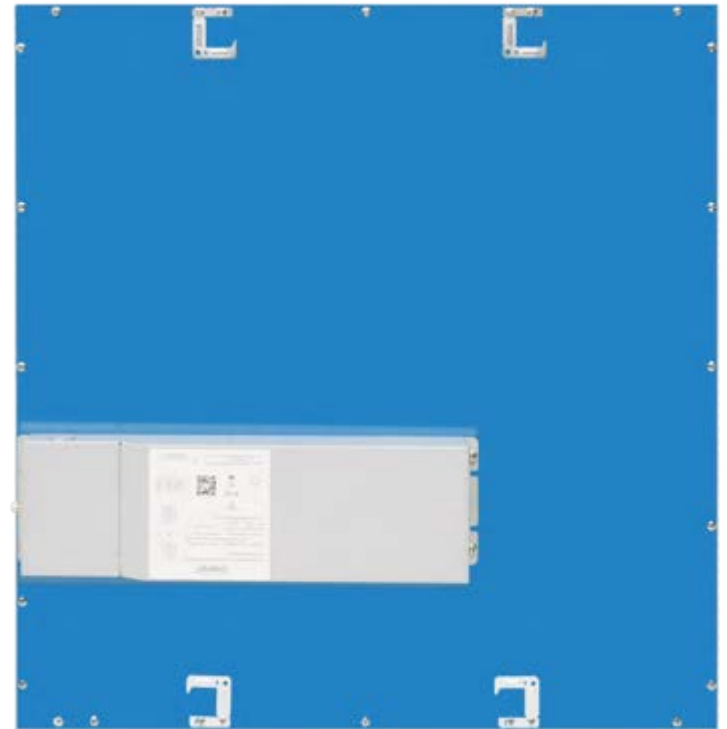


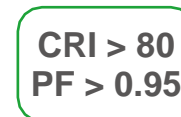


# EAG-LED Panel Light

## Emergency Backup Series



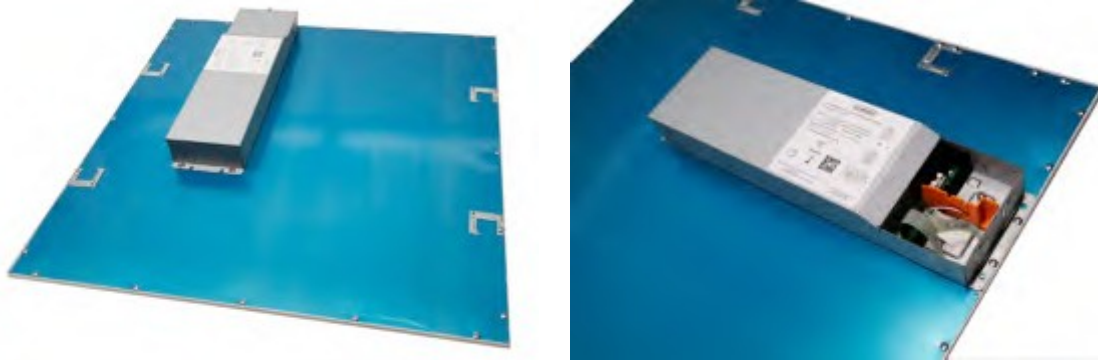
**Applications:** Offices / Classrooms / Malls / Hotel / Lobbies / Back of house / Restaurants / Bus Stations / Medical Facility





13046 Racetrack Rd  
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 Tampa FL 33626  
 813-463-2420  
 www.eag-led.com

## Battery Backup EAG-LED Panel Light



MODEL		Input Voltage	Output Voltage	Output Current	Output Power	Efficiency(220Vin)/40V load	PF(40V/40V Load)		
							100V AC	220V AC	277V AC
2 x 2 ft / 1 x 4 ft	Main power	100-277V AC	30-40V DC	1000mA±5% DC	40W	88%	0.98	0.95	0.9
	Emergency	20.5-25.2V DC	30-40V DC	500mA±5% DC	20W	95%			
2 x 2 ft / 1 x 4 ft	Main power	100-277V AC	30-40V DC	1000mA±5% DC	40W	88%	0.98	0.95	0.9
	Emergency	21-25.2V DC	30-40V DC	1000mA±5% DC	40W	95%			
2 x 4 ft	Main power	100-277V AC	30-40V DC	1250mA±5% DC	50W	88%	0.98	0.95	0.9
	Emergency	21-25.2V DC	30-40V DC	625mA±5% DC	25W	95%			
2 x 4 ft	Main power	100-277V AC	30-40V DC	1250mA±5% DC	50W	88%	0.98	0.95	0.9
	Emergency	21-25.2V DC	30-40V DC	1250mA±5% DC	50W	95%			



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## Features & Benefits:

- Rated input voltage ( 100-277V AC ) .
- Meets most safety standards for lighting.
- (0-10V /10v PWM/1-100K $\Omega$ ) Main power built-in 3 in 1 dimming function(0-10V/10v PWM/1-100k $\Omega$  Resistance).
- Low ripple and quiet, Flicker Free.
- Main power output current can be regulated by potentiometer.
- Main power protections: OCP/SCP/OVP.
- Built-in lithium battery as an emergency power supply energy.
- Emergency protections: OVP/LVP SCP/ TVP.
- Intelligent emergency automatic detection function.
- Emergency working time $\geq$ 120 minutes.
- Product warranty: 5 years.

# SIGNAL INDICATOR



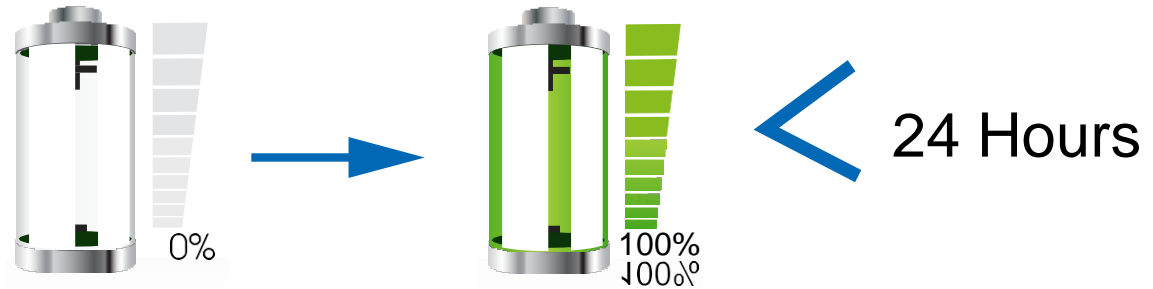
 Main Power	AC main power supply working: green LED is on
 Charging	<ul style="list-style-type: none"> <li>★ Emergency working or charging: the red LED is on</li> <li>★ When electric quantity is lower than 15% or battery voltage is lower than 22V, the red LED will flicker every 250ms.</li> </ul>
 Malfunction	<ul style="list-style-type: none"> <li>①When battery pack abnormal, the yellow LED will flicker every 250 ms, until the problem is eliminated.</li> <li>②When charger abnormal, the yellow LED will flicker every 1 s, until the problem is eliminated.</li> <li>③When emergency circuit is abnormal, the yellow LED will flicker every 2 s., until the problem is eliminated.</li> </ul>
 TEST	Test button, to switch the power supply between mains supply and battery, the default is the mains supply, press the button one time is the battery power, and then press the button again to turn back to the mains supply

When AC main power supply and the battery charging work at the same time : the green and red LEDs are normally on; when the battery pack is full of electricity, the red LED is off.

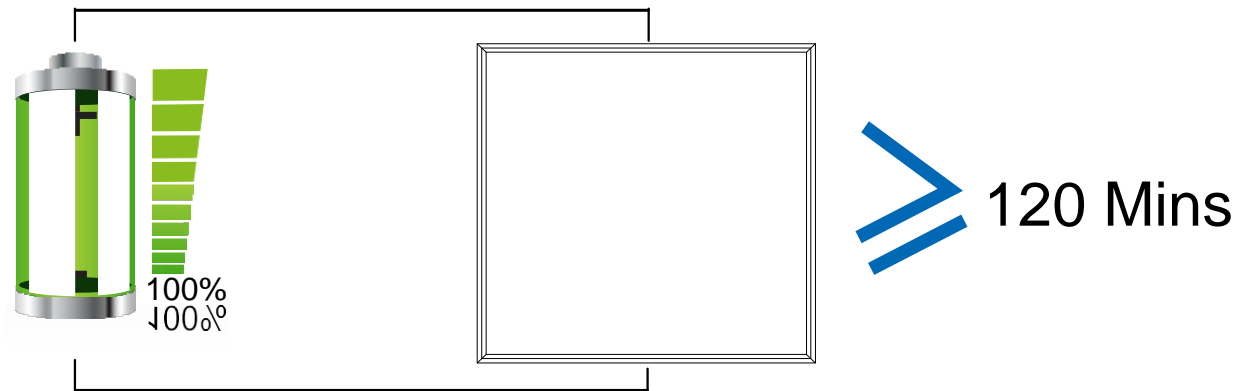
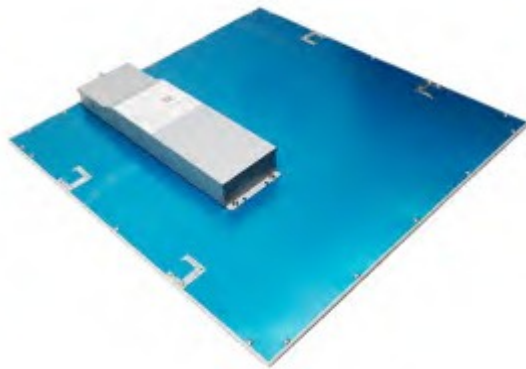
# CHARGING/DISCHARGING



Charging time < 24 hours



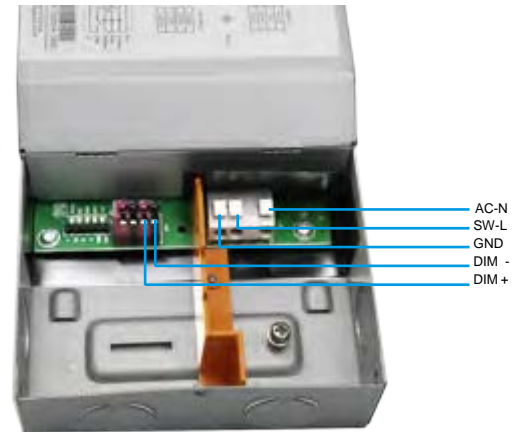
Emergency lighting time ≥ 120mins



# WIRE CONNECTION

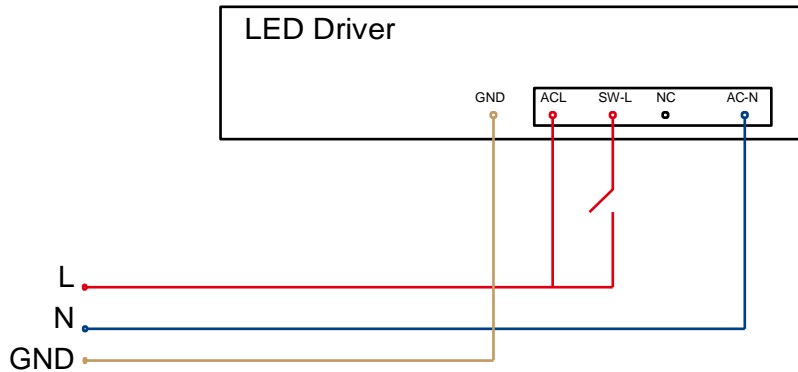


Restart



AC-N  
SW-L  
GND  
DIM -  
DIM +

Wire connection



Dimmer Wire connection

