GLOBALUX
LIGHTING & FANS

PROJECT	NOTES	TYPE	DATE	CAT. No.

EM2-LDL

Emergency Battery Backup for 6" & 8" LED Disk Light

Emergency operation of your lighting package is a simple decision with Integral Emergency Back-Ups in a surface mount collar. The EM2-LDL accessory can be installed during the final stages of construction or remodel. With use with product line LDL series that includes "EMTB". *Light fixture sold separately

OUTPUT VOLTAGE	120V	LED Emerg Output Current	100mA-700mA
INPUT FREQUENCY	50/60 Hz	LED Output Protection	Self Resetting PTC
RECHARGE TIME	24-48 HRS	Illumination Time	90 min-350 min
INPUT CURRENT	0.07A	Output Power	8W (6"), 16W (8")
INPUT VOLTAGE	100-277VAC	DIMMING	N/A
OUTPUT CLASSIFICATION	UL924/Class2	OPERATING TEMP.	-25-+55C
COMPATIBLE BATTERIES	LiFePo4, NiCd, 9.6VDC	BEAM ANGLE	N/A

ORDER INFO / EXAMPLE: EM2-LDL-7-WH

SERIES	DIAMETER	FINISH
EM2-LDL	6	WH
EM2-LDL Emergency Battery Backup collar kit for LED Disk Light only *Disk Light Sold Separately (Refer to LDL2S or LDL4S Spec Sheet)	**6-**8" **8-**8"	**BL-** Black **BN-** Brushed Nickel **WH-** White **ORB-** Oil Rubbed Bronze

QUICK SHIP
EM2-LDL-6-WH

INSTALLATION

1.Preparing for installation
A. Disconnect electrical power before installing or servicing any part of this fixture .
B. Remove fixture from carton; remove components from hardware kit.
C. Install the battery housing (1) to the junction box (not included) with two #8-32 screws through the corresponding slots to secure it.
D. Pull down the supply power source black, white and green wires from the junction box.
2.Wiring.
All wiring must take place inside junction box.Caution:
Caution: Make sure power is off at fuse or circuit breaker box. Check power wires for damage or scrapes. If the power supply wires are within three inches of the driver, use a wire suitable for at least 90°C (194°F). Note: Most dwellings built before 1985 have supply wire rated to 60°C. Consult a qualified electrician before installing.
A. Make all wire connections to appropriate wire. Secure with wire nuts (provided).
B. Connect both green leads from fixture (2 – not included) and battery housing (1) to the supply power source ground wire. C. Connect white battery housing (1) lead marked “emergency driver WHITE AC-N (continuous)” to the white (N) wire from continuous supply power source.
D. Connect black battery housing (1) lead marked “emergency driver BLACK AC-L (continuous)” to the black (L) wire from continuous supply power source.
E. Connect the “SWITCH LINE BLACK” from the fixture to the black (L) wire from wall switch supply power source.
F. Connect the battery power cell clear connector (red and black wire) together. Note: battery power cell maybe fully charged from factory, therfore take caution as this is now fully energized and fixture will come on even under no AC power to the fixture has been restored. In the event it doesn’t come on is due to low charge battery condition and will need to be recharged for 24hrs minimum to maintain fully charged when power is restored.
G. Connect fixture (2) by inserting the white and black wires into the mating connector with corresponding wire color of the opposing side. H. Do not mix wires. Pull on each wire lead to make sure connections are secure. Make certain no bare wires are exposed outside of wire connectors. Tuck all connections neatly into junction box
3.Fixture mounting.
A. Line up the prongs of the clip on the fixture (2) with the receiving slots on the battery housing (1) then gently push up untul the clip locks securely into place
4.Power to the fixture can now be restored
5.Operational guide

COMPATIBLE JUNCTION BOX

4” PVC

4” Octagon

4” PVC Ceiling Box

3-1/2” Octagon

4” Round Pancake

4” Octagon / V Bracket

