



IP 65

HIGH VOLTAGE OUTPUT 170VDC
 CONSTANT POWER
 Self Test

BillDa
 EMERGENCY LED DRIVER
 BLD-UM30X-YYY | BLD-UM40X-YYY | BLD-UM60X-YYY

CAUTION:

- This emergency LED driver only work with LED fixture with dimming wires. During AC operation, remember no touch or remove any wires in case of electric shock.
- Customers are advised to charge the emergency power supply at least every six months to prevent battery overdischarge.

READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

- Risk of fire or electric shock. Luminare wiring and electrical parts may be damaged when drilling for installation of LED Emergency Backup. Check for enclosed wiring and components.
- Risk of fire or electric shock. This LED Emergency Backup installation requires knowledge of luminare, electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
- Before installing, make certain the AC power to the fixture is off.
- The electrical rating of this product is 100-347Vac. Installer must confirm that there is 100-347Vac to the fixture before installation.
- To prevent electrical shock only mate unit connector after installation is complete and before the AC power to the fixture is back on.
- This LED Emergency Backup unit requires an un-switched AC power source of 100-347Vac, 50/60Hz. The AC driver must be on the same branch circuit as the LED Emergency Backup unit.
- Do not let power supply cords touch hot surfaces.
- Do not mount near gas or electric heaters.
- Do not connect battery pack connector until all other wiring is complete and AC power is on.
- Equipment should be mounted in locations and at heights where it is not be subjected to tampering by unauthorized personnel.
- The use of accessory equipment is not recommended by the manufacturer and may cause an unsafe condition.
- Do not use this equipment for other than its intended use.
- Use with grounded, UL Listed, dry or damp location rated fixtures.
- Make sure the load is not greater than 300W, more than this parameter will result in shortening discharge time.
- Repairs and maintenance must be carried out by qualified personnel
- For BLD-UM30X-YYY suggested to use for LED lamp less than 200W (When dimming to minimum, the power needs to be less than 25W). For BLD-UM40X-YYY suggested to use for LED lamp less than 300W (When dimming to minimum, the power needs to be less than 35W)

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Features

- High output voltage DC170V, directly connect to LED driver AC input and dimming wires, simple wiring.
- Constant power output 30W/40W/60W
- Universal input range, AC100-347V
- Optimized design for UFO highbay fixture
- Protection: Over-Voltage, Short-Circuit, Over-Load
- Self-diagnostic every month and year.
- Wireless remote control or non-remote control for emergency test are optional
- UL listed for factory and field installation
- CEC (CA Title 20) and US DOE Energy Efficiency Compliance.



Model NO.

Model NO	Input Voltage	Emergency power	Emergency Time
BLD-UM30X-YYY	100-347V/AC	30	90Minutes
BLD-UM40X-YYY	100-347V/AC	40	90Minutes
BLD-UM60X-YYY	100-347V/AC	60	90Minutes

Remark: "X" can be "R" or "D" stands for remote control, "D" stands for non-remote control. "YYY" Maybe any number or letter or blank for sales purpose

Specifications

Input Voltage	100-347VAC, 50/60Hz	Test Switch/Charging Indicator Light	Non-Remote Control Remote Control
Output Voltage	170V DC	Battery	Li-ion battery
Input Current	≤ 200mA	Charging Time	≥ 24Hours
Input Power	15W Max	Output Power	□30W □40W □60W
Emergency Time	90Minutes	Weight	3.6kg
Warranty	5 Years	Dimensions	142.5x108.2x108.2 mm
Ambient Temp	5°C-50°C		

Remote version

Non-Remote version:
 Test Switch & Indicator
 Green flashing: charging mode
 Green stable: charging full
 Red stable: discharging mode

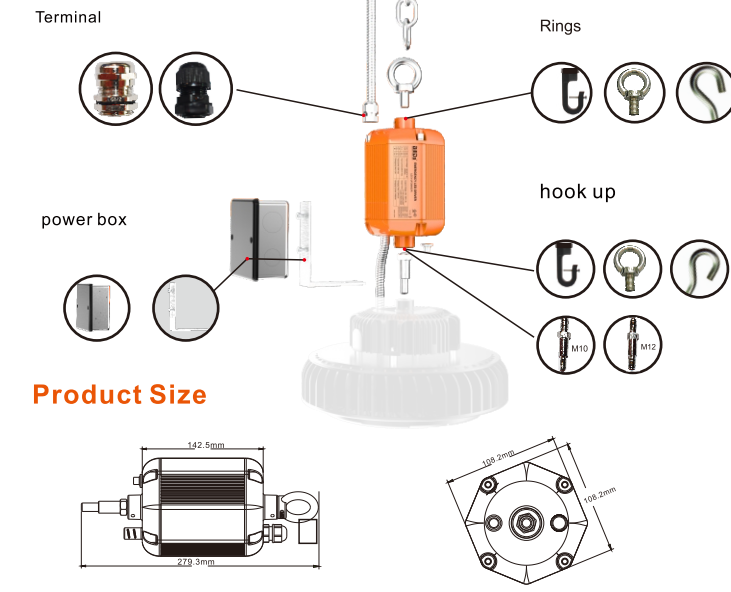
* Note: AC power on, click the test switch, switch to emergency mode and lasts 3S, then automatically back to the working mode of AC power supply

Remote version:
 Test Switch & Indicator
 Red flashing: charging mode
 Red stable: charging full
 Red off: discharging mode

* Remote control
 Press the ON button to test emergency function. The light will switch to its emergency lighting and indicator light will turn off. Press the OFF button, the light will recover to normal lighting.

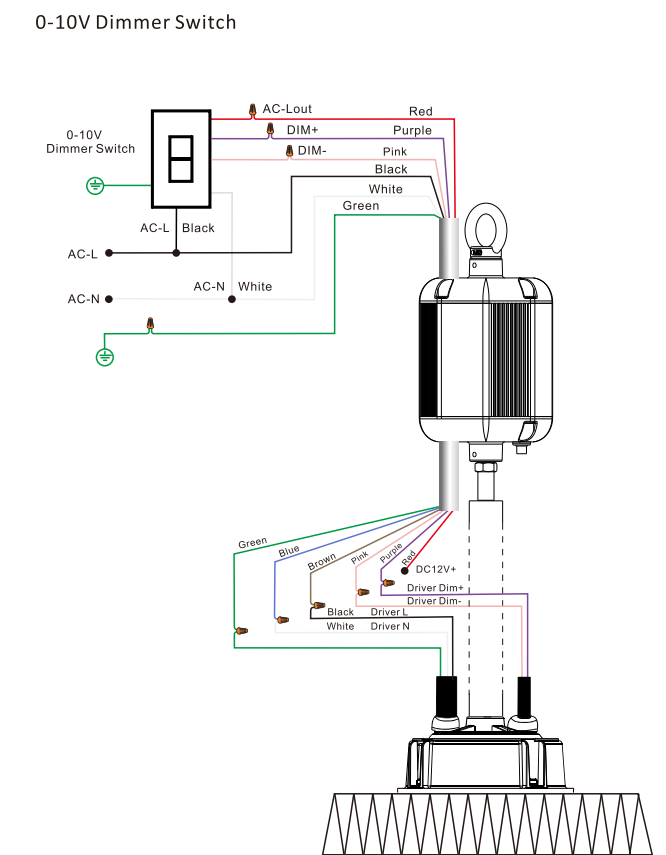
Note: Remote must be pointed at the indicator light and be within a 45 degree angle to receive a signal/command. Remote needs two AAA batteries to operate (not included).

Optional accessories



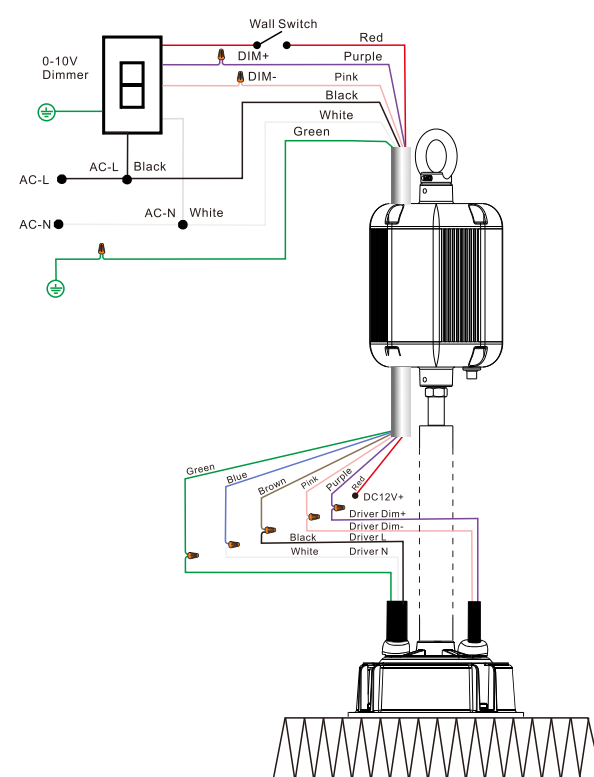
Wiring Diagram

Note: the Emergency LED Drivers only work with 0/1-10V Dimmable UFO LED Highbay



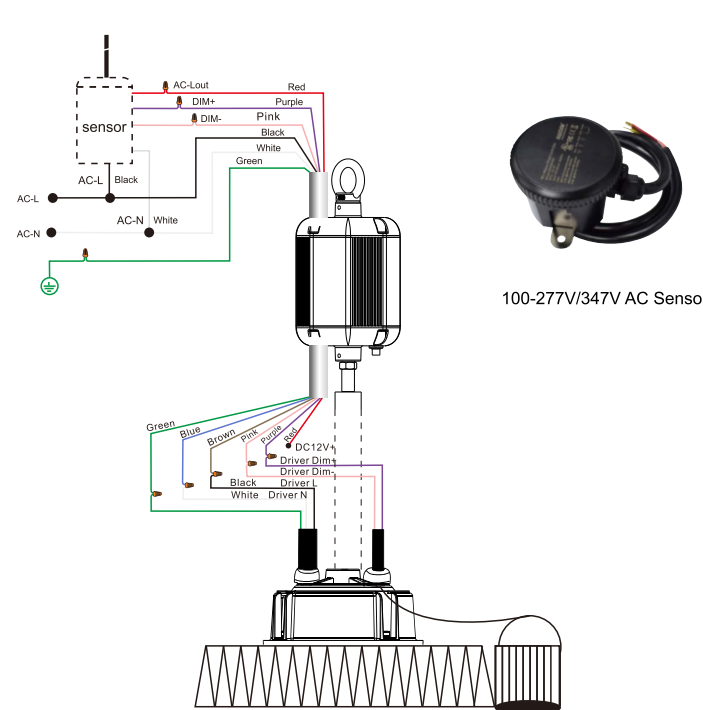
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0-10V Dimmer +Additional Switch



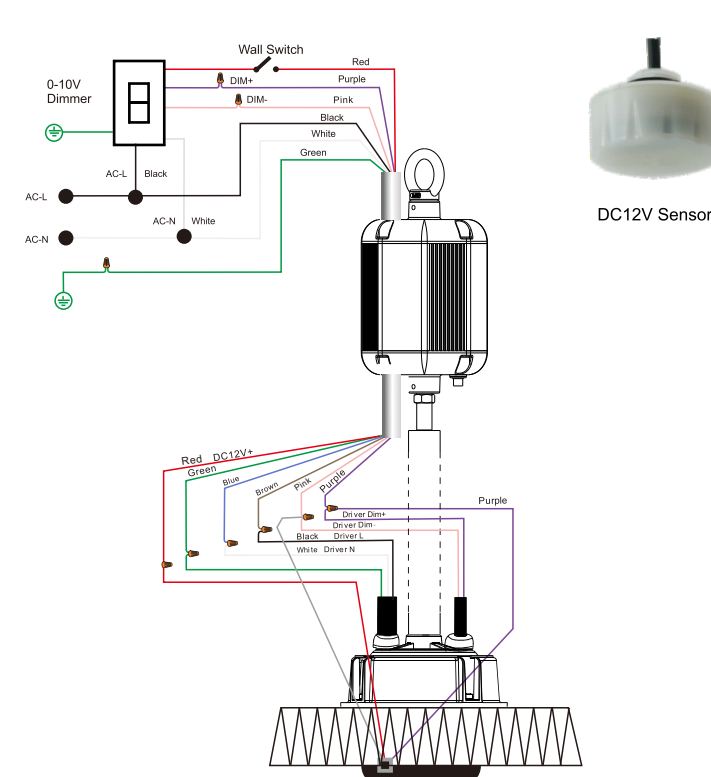
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100-277V/347V AC Sensor



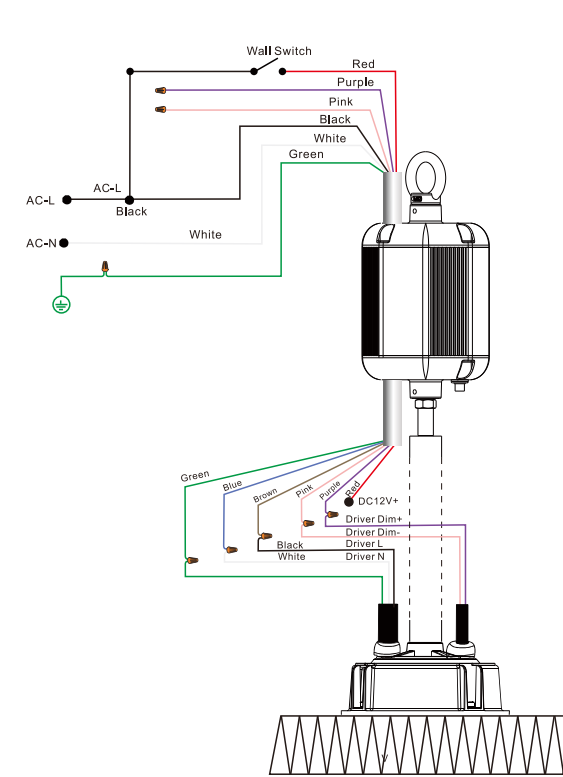
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DC12V Sensor+With/Without 0-10V Dimmer Switch



Note: the Emergency LED Drivers only work with 0/1-10V Dimmable UFO LED Highbay

With Wall Switch(Without Dimmer)



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Without Dimmer&Switch,24hours Lighting

