

EMERGENCY LED DRIVER FOR UFO HIGH BAY

**IP
65**



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
- ◆ Wireless remote control
- ◆ UL listed for factory and field installation
- ◆ CEC (CA Title 20) and US DOE Energy Efficiency Compliance.
- 5 years warranty

Specifications

Input Voltage	100-347VAC, 50/60Hz	Test Switch/Charging Indicator Light	<input type="checkbox"/> Remote Control
Output Voltage	170V DC	Battery	Li-ion battery
Output Current	≤460mA	Charging Time	≥ 24Hours
Input Power	15W Max	Output Power	<input type="checkbox"/> 30W <input type="checkbox"/> 40W <input type="checkbox"/> 60W
Emergency Time	90Minutes		
Warranty	5 Years	Weight	3. 6kg
Ambient Temp	5°C- 50°C	Dimensions	142.5x108.2x108.2 mm

Model No.

Model NO	Input Voltage	Emergency power	Emergency Time
BLD-UM30R	100-347V/AC	30	90Minutes
BLD-UM40R	100-347V/AC	40	90Minutes
BLD-UM60R	100-347V/AC	60	90Minutes

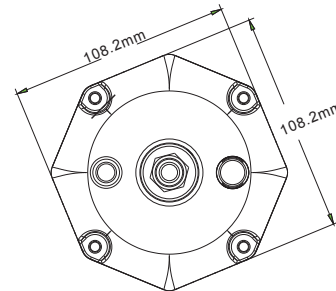
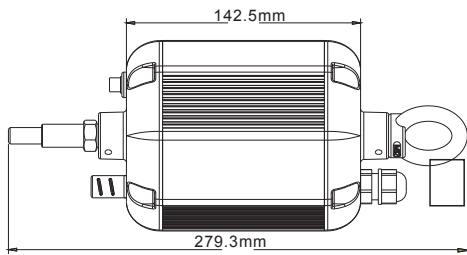
CAUTION:

- 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. Luminaire 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 luminaire 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 wil 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)

Product Size



Remote Version

Remote version:
Test Switch & Indicator

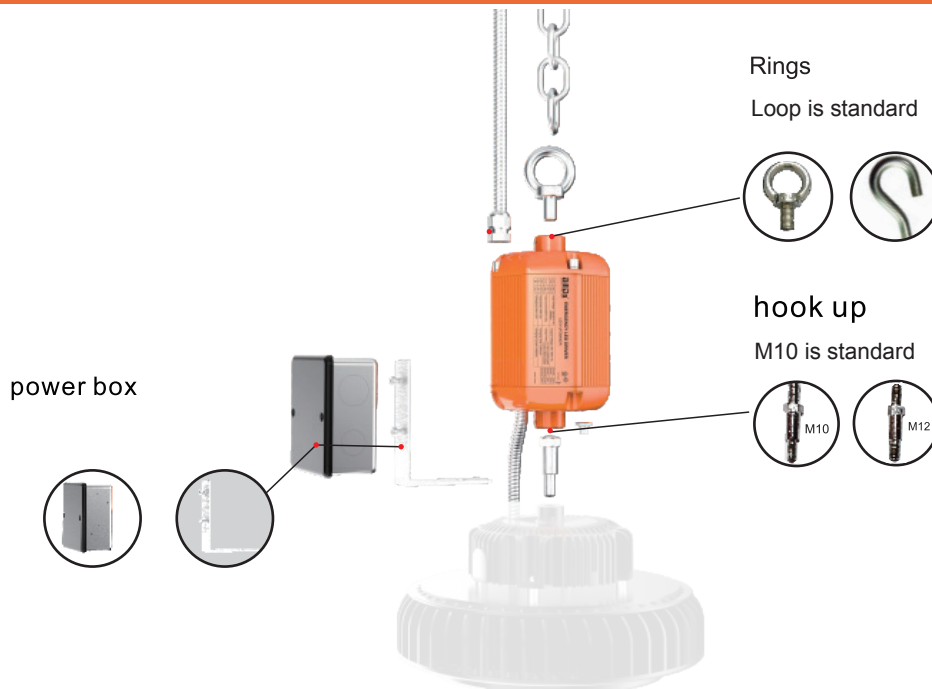
Red flashing: charging mode
Red stable: charging full
Red off: discharging mode

*** 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



Instructions For Remote Control



Remote Control
Model: RN1



Testing:

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

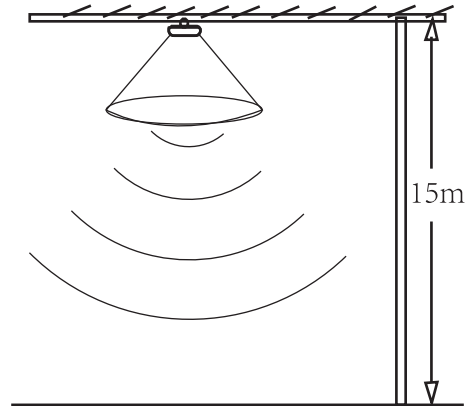
When mains supply is off (emergency mode), press the OFF button can turn off emergency function.



Please 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).

10-15M Highbay
altitude



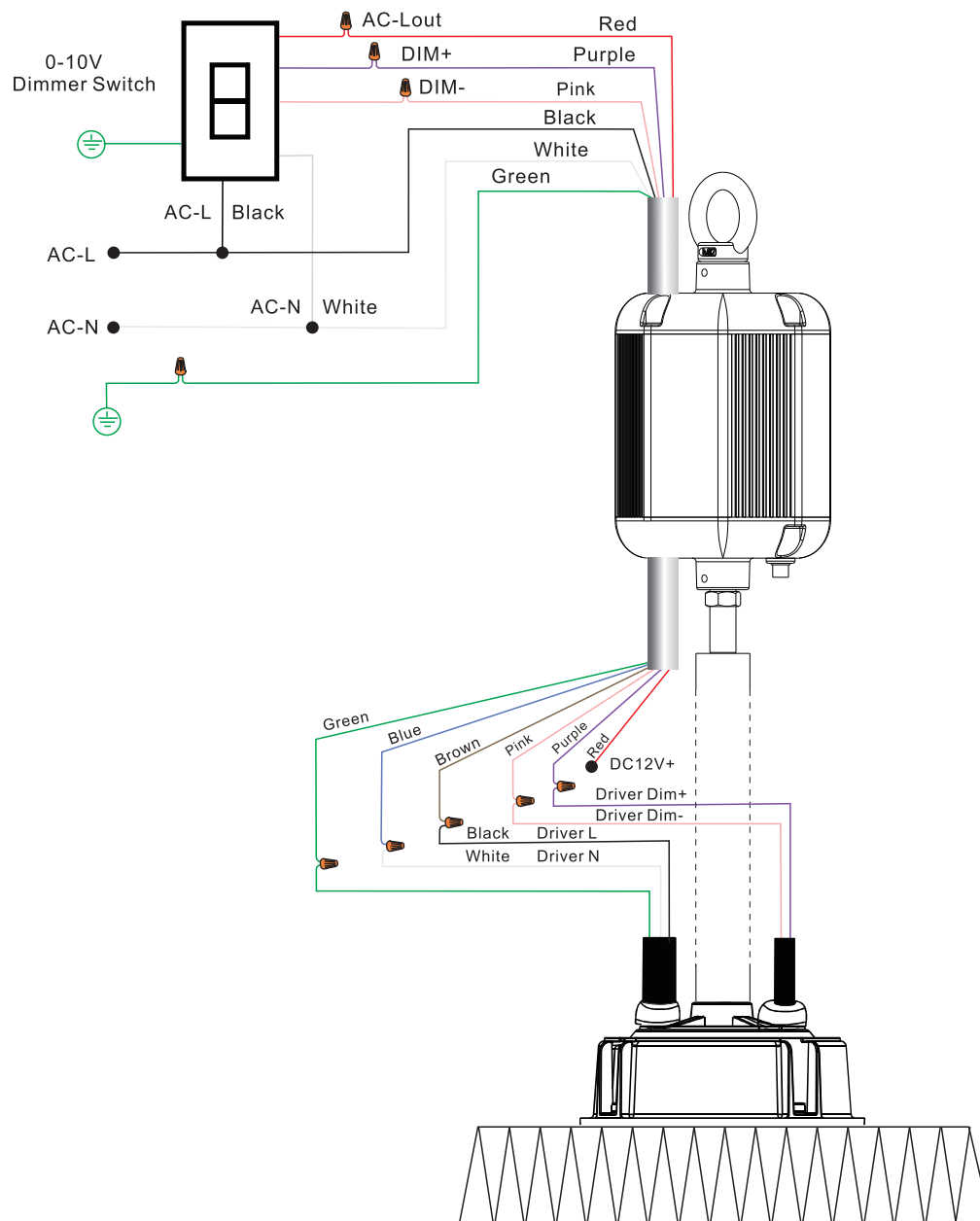
NOTE

When not in long-term use please remove the battery

Wiring Diagram

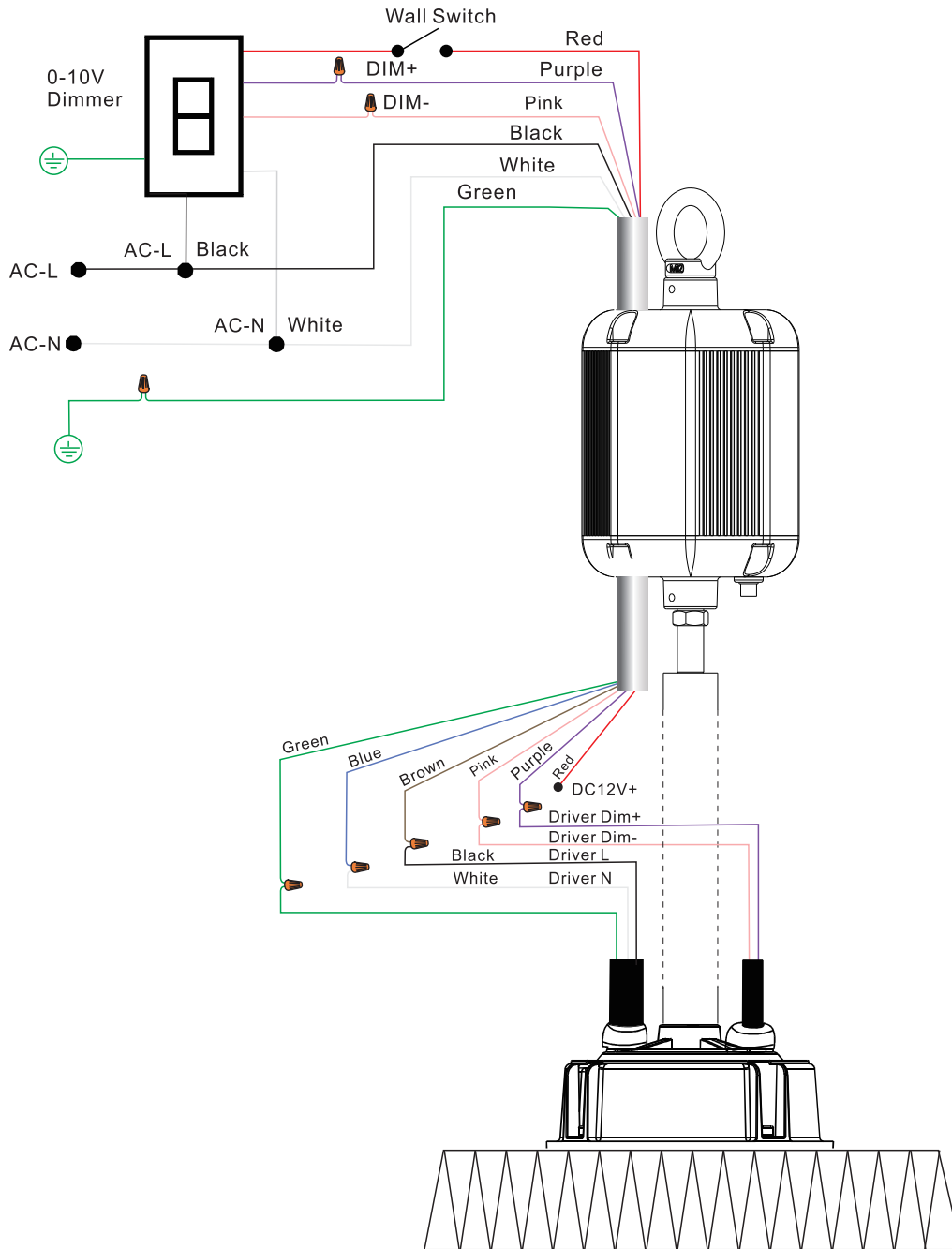
Note: the Emergency LED Drivers only work with 0/1-10V Dimmable UFO LED Highbay

0-10V Dimmer Switch



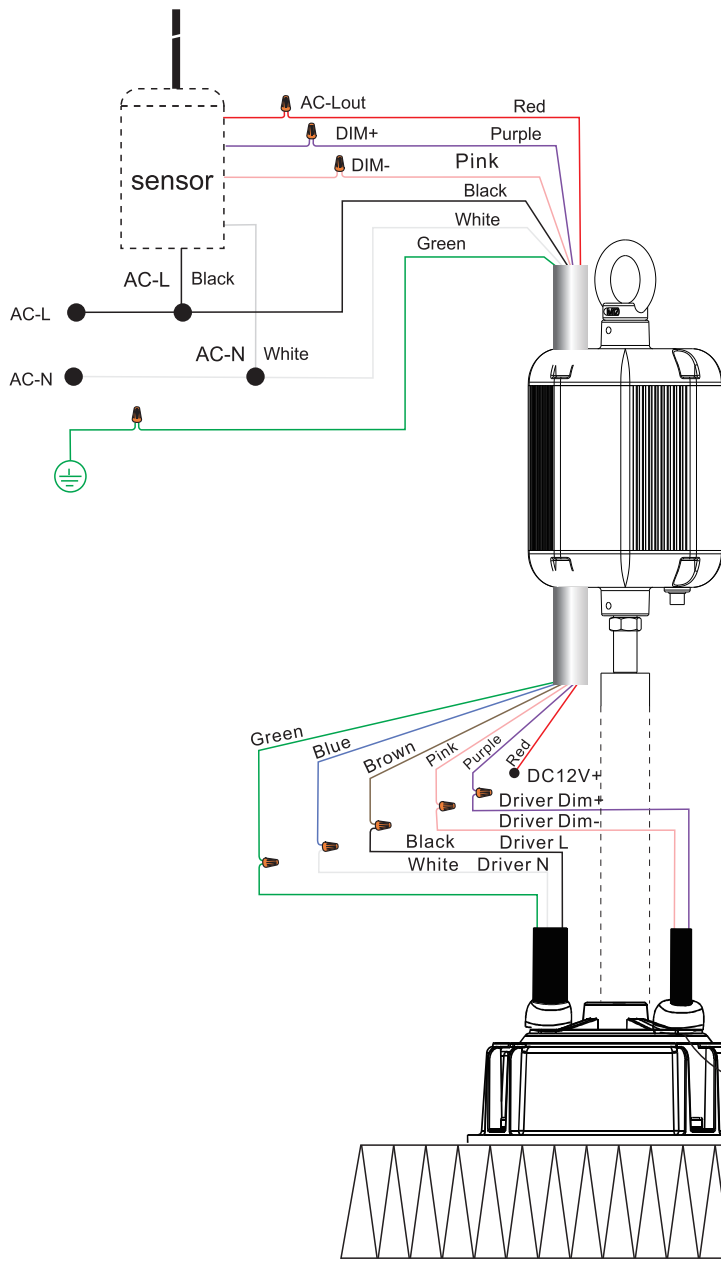
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0-10V Dimmer + Additional Switch



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

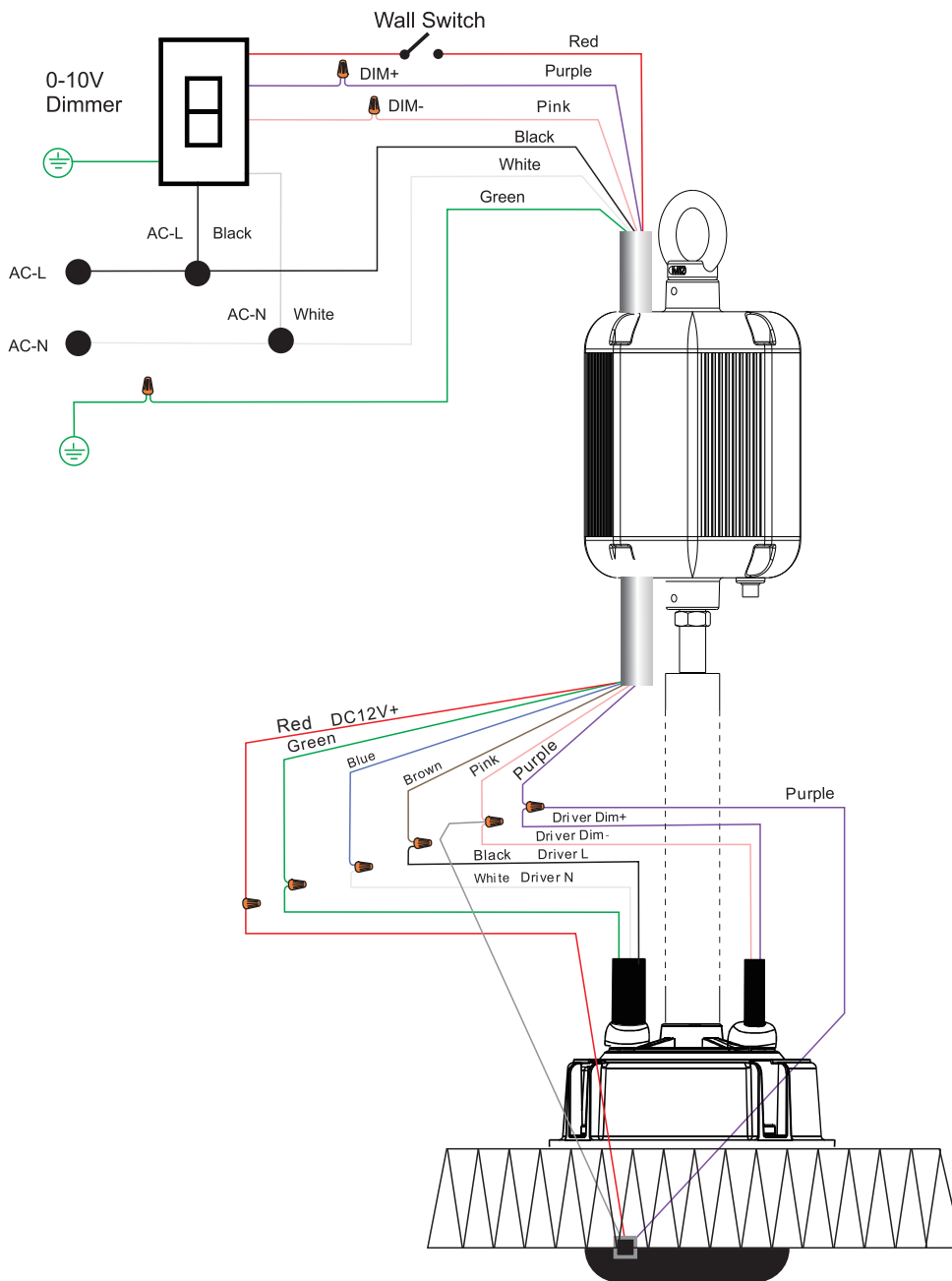
100-277V/347V AC Sensor



100-277V/347V AC Sensor

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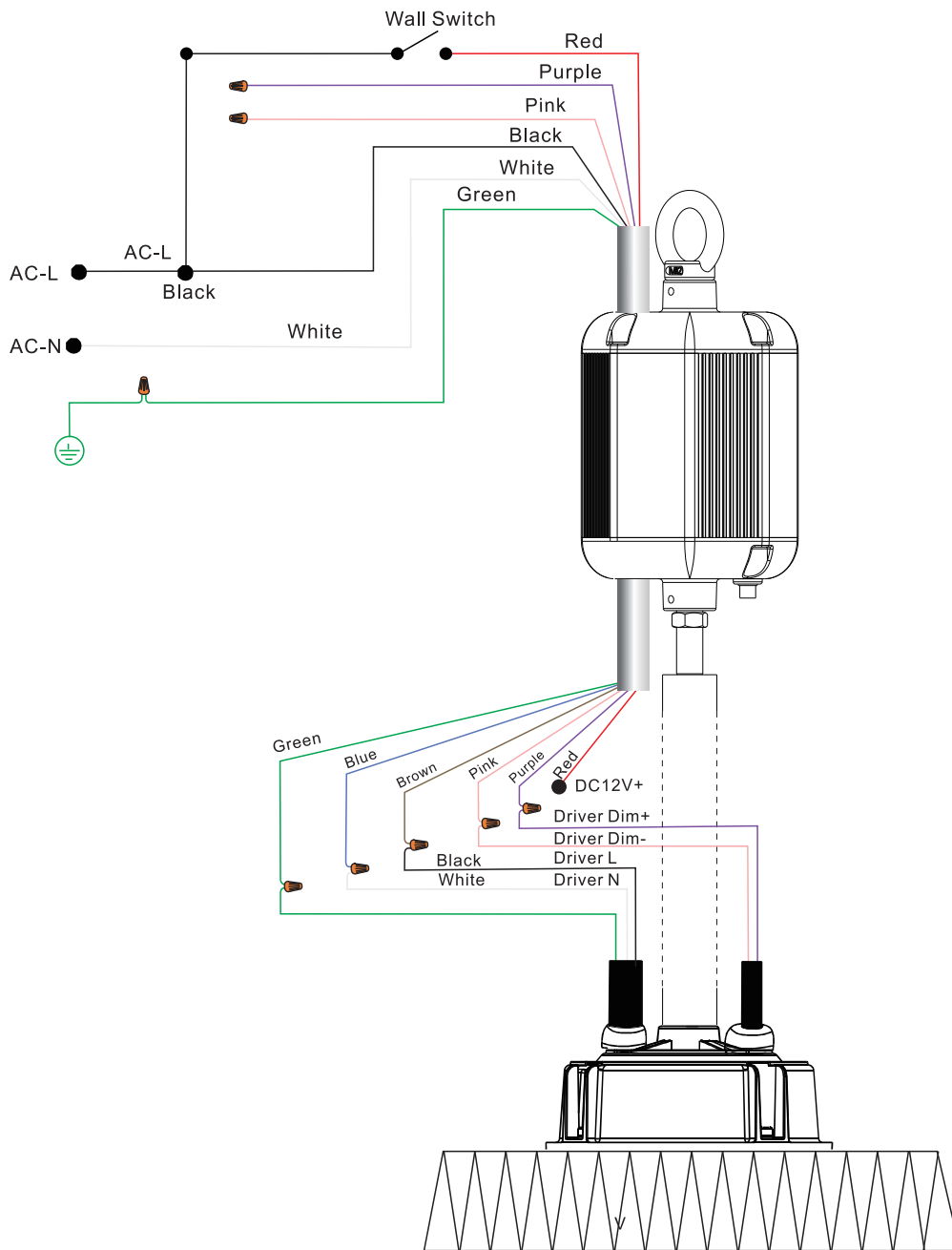
DC12V Sensor+With/Without 0-10V Dimmer Switch



DC12V Sensor

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With Wall Switch (Without Dimmer)



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Without Dimmer&Switch, 24hours Lighting

