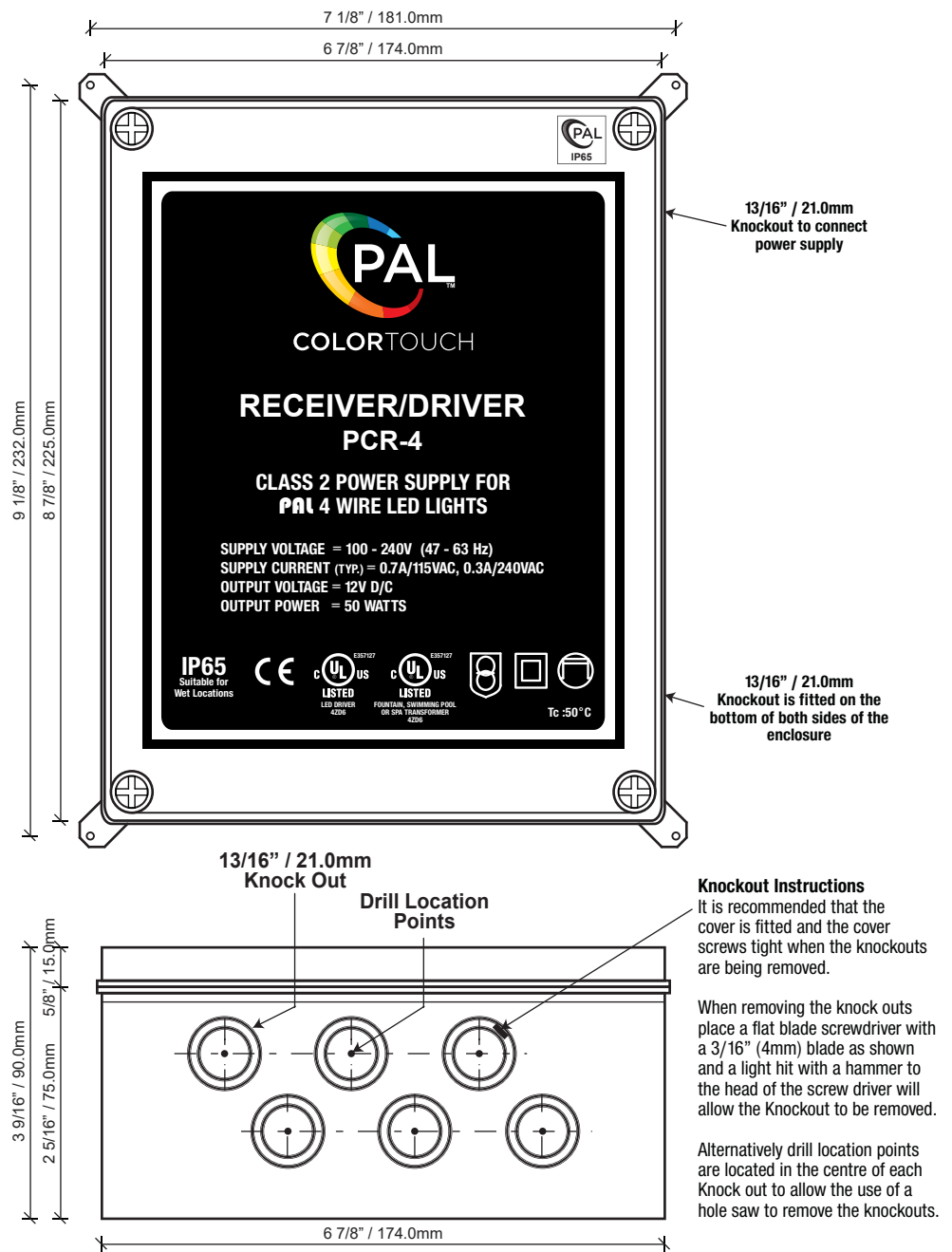


## DIMENSIONAL DETAILS



**Knockout Instructions**  
It is recommended that the cover is fitted and the cover screws tight when the knockouts are being removed.

When removing the knock outs place a flat blade screwdriver with a 3/16" (4mm) blade as shown and a light hit with a hammer to the head of the screw driver will allow the Knockout to be removed.

Alternatively drill location points are located in the centre of each Knock out to allow the use of a hole saw to remove the knockouts.

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# INSTALLATION & MAINTENANCE INSTRUCTIONS ON THE 50 WATT PCR-4 CLASS 2 OUTDOOR DRIVER/RECEIVER FOR 12V D/C PAL 4 WIRE LED LIGHTS

## FEATURES

- ☐ Easy to Install
- ☐ UL Listed Class 2 Power Supply also a Swimming Pool and Spa Transformer (WDGV)
- ☐ Remote Control Operation from PCT-1
- ☐ Optional Wi-Fi Control from Apple iOS Devices
- ☐ IP65 Wet Location Construction
- ☐ Constant 12V DC Output Voltage over the Supply Voltage range of 100 - 240V AC.



## IMPORTANT INFORMATION

This PCR-4 Class 2 power supply is specifically designed to supply 12V D/C. to power the PAL 4 Wire UL Listed LED Pool lights.

The PCR-4 must be installed in accordance with the National Electrical Code by a Certified Electrician or Qualified Pool Technician.

**NOTE: No bonding is required from this Class 2 power supply to the UL Listed PAL Pool Light fixtures as they are made of an all plastic construction and comply with NEC article 680 requirements.**

## INSTALLATION INSTRUCTIONS FOR PCR-4 RGB OUTDOOR DRIVER

Step 1. The **PCR-4** Class 2 Power Supply is a Weatherproof construction (IP65) and should be mounted on a flat surface using the mounting feet on the enclosure with the screw set supplied in a suitable position to suit the intended location of the PAL 4 Wire LED Pool Lights and installed to comply with all the requirements of the National Electrical Code (NEC) and all relevant local codes and ordinances.

**NOTE:** The Driver Enclosure must be located a minimum distance of 5 feet measured horizontally from the inside wall of the pool and not less than 1 foot above the maximum pool water level measured to the top of the Driver Enclosure.

**NOTE:** The enclosure must be mounted using the mounting feet on the enclosure with the 4x 6# x 3/4" long 316 grade stainless steel screw set supplied. If the enclosure is to be mounted on a concrete or block wall: Mark out the mounting hole locations and drill 3/16" holes using a masonry drill then fit the Star Plugs supplied into the holes and fix using the stainless steel screws supplied.

Step 2. Using the conduit entry in top right hand side of the PCR-4 (as shown) connect the 100-120V power supply to the NEC code requirements.

Step 3. Using the conduit entries at the bottom of the PCR-4 (as shown) Connect the 4 core wire from the PAL 4 WIRE LED LIGHTS. **Please ensure the 4 cores are connected to the correct terminals.**

**8 x output conduit entries are provided in the enclosure to connect up to 8 x PAL-LED 4 Wire Pool Lights fitted with LAU-4C LED Lamps**

Step 4. The PCR-4 Driver / Receiver should be factory set to operate with the PCT-1 Transmitter supplied. Just fit the 2 x batteries supplied with the PCT-1.

Please refer to the information supplied with the PCT-1 transmitter for full operating instructions and features of the system.

## INSTALLATION INSTRUCTIONS FOR PCR-4 RGB OUTDOOR DRIVER

