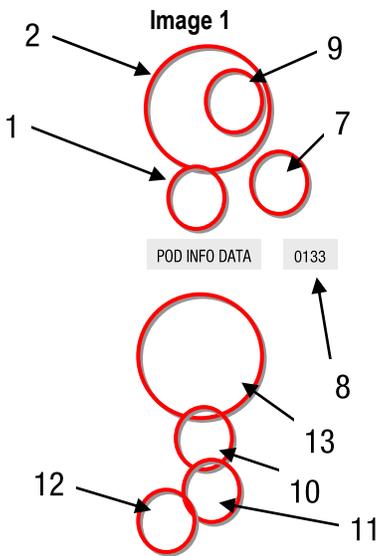installation instructions:

Metrolight Smart EcoPOD™ High Bay HID Fixture

Please review the installation instructions before installing the light fixture and read the POD DATA INFO label on the pod. For more information, please contact your local Metrolight distributor.

IMPORTANT SAFETY INSTRUCTIONS

- The installation should only be undertaken by a qualified electrician in accordance with the National Electrical Code and applicable local codes and ordinances.
- Make sure that mains power is turned off before installing or servicing the unit.
- Ensure line is protected with a suitable circuit breaker.
- Verify mains voltage is compatible with fixture ballast and ensure lamp is suitable for configuration (type, lamp orientation, wattage).
- Please note that the hook is designed to support up to 30lbs/13.5kgs

INSTALLATION INSTRUCTIONS

Image 1

POD INFO DATA   0133

Image 2

Hook Mounting
- Open the two locking screws (1) using an Allen Key
- Thread the hook (2) into the pod all the way to the end. (There should be no gap between the hook nut and the pod surface.)
- Lock the two locking screws (1)

Refractor/Reflector Height Adaptor
- The pod is assembled with an adjustable refractor/reflector height adaptor (3) locked in the highest position. If you do not need the adaptor, remove it by unscrewing the four mounting screws (4).
- If the height needs to be adjusted, follow the below instructions:
  A. Unscrew the four screws (5) - two on each side of the adaptor
  B. Adjust the height
  C. Lock the adjuster in place by tightening the screws (5)
- Connect the collar (if using a refractor) or the reflector directly to the pod using the four screws (4) or to the height adaptor using the four screws (6)

Communication & Control
- Image 1 illustrates a fixture without communication and control.
- If communication or control is required, add a bushing (if not attached) instead of the coin plug (7), insert a communications/control cable via the bushing and connect the cable according to the instructions and wiring diagram found on the next page
- Record the ballast address (8) on the site map. Ensure that every address is unique and that there are no duplicate addresses in the same network.

Final Assembly
- Open the hook safety screw (9)
- Hang the pod in position. Ensure the pod is secure and cannot fall by taking into consideration the full weight of the pod (~13lbs/6kgs). Fully close the safety screw (9)
- Connect the power cable directly to the mains or via an appropriate plug (refer to the wiring instructions). Use the standard color code:

For the U.S.
  A. Black - Phase (10)
  B. White - Neutral (11)
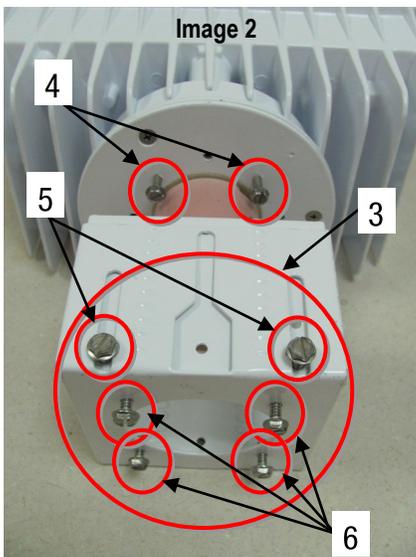 C. Green - Ground (12)
Thread the lamp in the mogul socket (13) (should be a protected lamp)
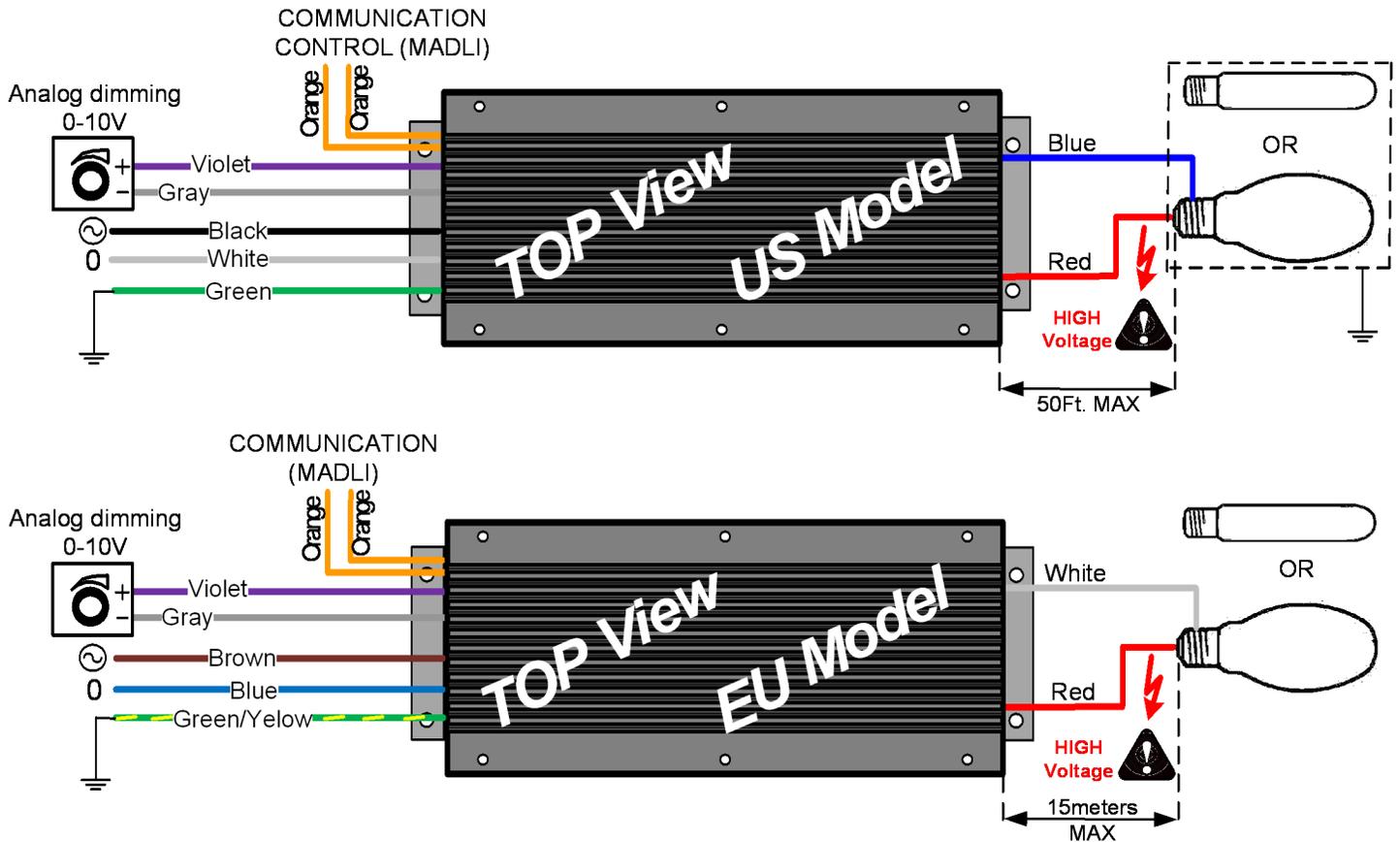
For the EU
  A. Brown - Phase (10)
  B. Blue - Neutral (11)
  C. Yellow/Green - Ground (12)
Thread the lamp in the E-40 socket (13) (should be a protected lamp)

- Activate the power and wait for the lamp to start

QUICK WIRING GUIDE

- For MH Lamps: use only PULSE START lamps
- Visit Metrolight's website for Lamp Compatibility List (www.metrolight.com)

Always verify lamp compatibility and technical data as labeled on the EcoPOD

COMMUNICATION AND CONTROL

Digital Communication
- Digital control device should be connected between the ballast's orange leads using a shielded 2x(16-18AWG) cable parallel connection.
- Supports a maximum of 400 units to one digital communication device.
- Maximum communication cable length is 1km/0.5miles.
- **Please note:** Units are addressable. Ensure that no address is duplicated in same network.

Analog Control
- The controller can be connected to the ballast using a parallel connection between the ballast's purple and grey wires using a shielded 2x(16-18AWG). Please keep polarity and follow the connection diagram.
- One control device, such as an occupancy sensor, dimmer or photocell, can be used to control a group of SmartHID™ ballasts.
- Each ballast provides a control current of up to 1.5mA
- Ensure that the control device is capable of sinking 2mA per ballast.