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LIGHTING PRODUCTS

MAGNAFIRE
OPTIMUM
SPECTRA
FOCUS

MODEL KR700
PORTABLE LIGHTING

INSTALLATION INSTRUCTIONS

Refer to the lamphead specific Safety Summary and Maintenance sheet before installing or performing maintenance.

When the portable light is equipped with the Hold Down option (-HD) or the Pole Mount Base option (-DM) a quick release knob is installed in the portable base. This provides the means to secure the portable light on a quick release pin.

Install Hold Down (-HD Option) for Portable Light

A quick release pin is mounted on a compartment shelf, vehicle deck, or any flat surface to hold the portable light in place.

1. Place the portable light in position and verify clearance on all sides and above.

2. Mark the quick release pin mounting hole location directly under the center of the portable light base.

3. Drill a through hole for 3/8" screw. Secure the quick release pin with 3/8-16 hardware.

4. Pull the quick release knob, drop the light over the quick release pin, release the knob to secure the portable light in position.

Install Pole Mount Base (-DM Option) for Portable Light

A quick release pin is part of the pin flange assembly that is mounted on a telescopic pole to hold the portable light in place.

Refer to drawings on page 2.

1. Feed the power cord from the pole up through the base plate, pin flange, and out of the strain relief.

Note: *The pin flange orientation on the base plate is critical. The strain relief must be aligned correctly for the portable light to mount on the plate.*

2. *Align the strain relief and cord as shown and secure the base plate and pin flange on the pole with the four screws.*

3. Secure the cord with the strain relief cap and install mating connectors on the light and pole power cords.

4. Pull the quick release knob, drop the light over the quick release pin, release the knob to secure the portable light to the base.

Wiring

120/240 VAC

Connect the GREEN wire to chassis GROUND.

Connect the WHITE wire to NEUTRAL (LINE 1 for 240V).

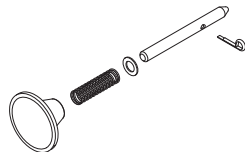Connect the BLACK wire to POWER (LINE 2 for 240V).

Spectra
SPAKR700

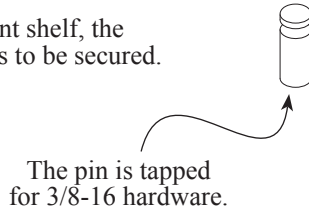Optimum
OPAKR700

Focus
FCAKR700

Magnafire Portable on
Pole Mount Base
KR-700-DM

Quick Release Knob - The knob and pin assembly is mounted in the bottom of the portable light base for the -HD and -DM options.
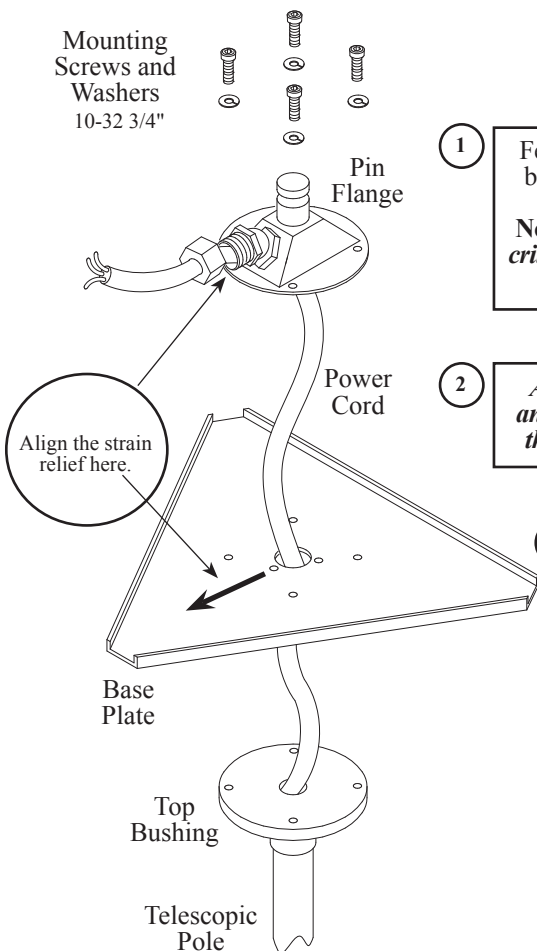
KR700-HD Option
Hold Down

Quick Release Pin - The pin is mounted on a compartment shelf, the vehicle deck, or any flat surface where the portable light is to be secured.

The pin is tapped for 3/8-16 hardware.

Hardware Recommendation
For KR700-HD Quick Release Pin:
3/8-16 SS

KR700-DM Option
Pole Mount Base

Quick Release Pin - The pin is a part of the pin flange assembly and is used to secure the portable light to the base plate.

Mounting Screws and Washers
10-32 3/4"

Pin Flange

Align the strain relief here.

Power Cord

Base Plate

Top Bushing

Telescopic Pole

1 Feed the power cord from the pole up through the base plate, pin flange, and out of the strain relief.

Note: *The pin flange orientation on the base plate is critical. The strain relief must be aligned correctly for the portable light to mount flush on the plate.*

2 *Align the strain relief and cord as shown and secure the base plate and pin flange on the pole top bushing with the four screws.*

3 Secure the cord with the strain relief cap and install mating connectors on the light and pole power cords.

4 Pull the quick release knob, drop the light over the quick release pin, release the knob to secure the portable light to the base.

10 3/4"

12 7/16"

2 3/8"