

METAL HALIDE BOLLARD, SPIKE SPOT, SINGLE & TWIN POLE LITE LUMINAIRES INSTALLATION INSTRUCTIONS



NOTE: THESE INSTRUCTIONS MUST NOT CONTRAVENE YOUR LOCAL ELECTRICAL AUTHORITY REGULATIONS, WITH WHICH ALL INSTALLATIONS HERE IN MUST COMPLY. PLEASE KEEP INSTRUCTIONS FOR FUTURE REFERENCE.

Make a slurry of concrete, make sure the conduit is protruding out of the concrete slurry and there is at least 500mm (20") of cable protruding out of the conduit. Unscrew the grub screws from the middle section and detach the pole. Push the pole into the concrete with the conduit and cable in protruding out of the middle of the pole. Make sure that there is concrete in the bottom of the pole and that the pole is vertical before the concrete sets. There must be concrete in the bottom of the pole to stop moisture build up. Unscrew the orange PVC connection on the bottom of the ballast section and slide over the 240volt supply cable. Connect the phase (active) wire to the white wire and the neutral wire to the black wire of the ballast. Connect the green wire to the earth wire. Screw the orange PVC connection back onto the orange nipple of the luminaire and fit the ballast section onto the top of the pole using the stainless steel grubs provided.

WARNING: Take care to place luminaire in a suitably safe position due to operating temperature of luminaire.

DO NOT connect to a dimmer control.

DO NOT connect in close proximity to inductive loads. eg. air conditioning systems, water pumps etc. without appropriate mains filtering. Use a suppression interface module for every six luminaires connected to the circuit. **DO NOT** carry out a Megger or insulation test on a circuit with a Metal Halide luminaire connected to it

DO NOT connect to a circuit that has an electronic soft start motor starter on it.

DO NOT connect to any Electronic Home Automation System without checking with system's Manufacturer that is suitable for the control of this Metal Halide fixture.

Recommendation: Run all cables in conduit for extra protection. Do not over-tighten lens ring as this will make removal difficult and may cause lamp to break.

Stainless Steel Maintenance: To maintain the finish of 316 stainless steel it is recommended to wash the luminaire with water from time to time to stop salt and corrosive elements building up. If tea staining appears, a commercially available stainless steel cleaner is recommended to remove this staining.

LAMP CHANGING

CAUTION: Make sure that the power to the luminaire is switched off before attempting to change the lamp. Beware of hot luminaire and lamp. Make absolutely sure when changing lamps that the correct wattage and type of lamp is installed. i.e. 20 watt GX10 MR16 Metal Halide lamps.

Lamp Changing Sequence

Unscrew lens ring, remove gasket and lens. Hold lamp and remove lamp with other hand very carefully. Carefully push the lamp back into the ceramic lamp holder and rotate a ¼ turn clockwise. When replacing gasket and lens, make sure there is no dirt or grit on the gasket. Dirt or grit on the gasket may cause luminaire to leak.

GLARE GUARD INSTALLATION (POLE LITES)

Carefully remove lens ring making sure not to drop the glass lens and cause damage to it, keeping gasket in place. Hold body of luminaire tightly and screw Glare Guard ring onto light luminaire. Still holding body of luminaire tightly rotate glare guard to desired position.

**INSTRUCTIONS PERTAINING TO A RISK OF FIRE, OR INJURY TO PERSONS
IMPORTANT SAFETY INSTRUCTIONS:**
Lighted lamp is HOT!

WARNING - To reduce the risk of FIRE OR INJURY TO PERSONS:

Turn off / unplug and allow to cool before replacing lamp.

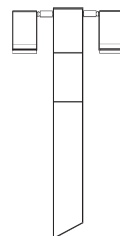
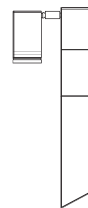
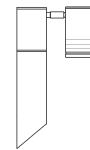
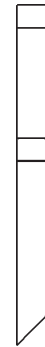
Lamp gets HOT quickly! Contact only switch/plug when turning on.

DO NOT touch hot lens, guard or enclosure.

Keep lamp away from materials that may burn.

DO NOT touch the lamp at any time. Use a soft cloth. Oil from skin may damage lamp.

DO NOT operate the luminaire fitting with a missing or damaged lens.



METAL HALIDE BOLLARD, SPIKE SPOT, SINGLE & TWIN POLE LITE LUMINAIRES INSTALLATION INSTRUCTIONS



NOTE: THESE INSTRUCTIONS MUST NOT CONTRAVENE YOUR LOCAL ELECTRICAL AUTHORITY REGULATIONS, WITH WHICH ALL INSTALLATIONS HERE IN MUST COMPLY. PLEASE KEEP INSTRUCTIONS FOR FUTURE REFERENCE.

Make a slurry of concrete, make sure the conduit is protruding out of the concrete slurry and there is at least 500mm (20") of cable protruding out of the conduit. Unscrew the grub screws from the middle section and detach the pole. Push the pole into the concrete with the conduit and cable in protruding out of the middle of the pole. Make sure that there is concrete in the bottom of the pole and that the pole is vertical before the concrete sets. There must be concrete in the bottom of the pole to stop moisture build up. Unscrew the orange PVC connection on the bottom of the ballast section and slide over the 240volt supply cable. Connect the phase (active) wire to the white wire and the neutral wire to the black wire of the ballast. Connect the green wire to the earth wire. Screw the orange PVC connection back onto the orange nipple of the luminaire and fit the ballast section onto the top of the pole using the stainless steel grubs provided.

WARNING: Take care to place luminaire in a suitably safe position due to operating temperature of luminaire.

DO NOT connect to a dimmer control.

DO NOT connect in close proximity to inductive loads. eg. air conditioning systems, water pumps etc. without appropriate mains filtering. Use a suppression interface module for every six luminaires connected to the circuit. **DO NOT** carry out a Megger or insulation test on a circuit with a Metal Halide luminaire connected to it

DO NOT connect to a circuit that has an electronic soft start motor starter on it.

DO NOT connect to any Electronic Home Automation System without checking with system's Manufacturer that is suitable for the control of this Metal Halide fixture.

Recommendation: Run all cables in conduit for extra protection. Do not over-tighten lens ring as this will make removal difficult and may cause lamp to break.

Stainless Steel Maintenance: To maintain the finish of 316 stainless steel it is recommended to wash the luminaire with water from time to time to stop salt and corrosive elements building up. If tea staining appears, a commercially available stainless steel cleaner is recommended to remove this staining.

LAMP CHANGING

CAUTION: Make sure that the power to the luminaire is switched off before attempting to change the lamp. Beware of hot luminaire and lamp. Make absolutely sure when changing lamps that the correct wattage and type of lamp is installed. i.e. 20 watt GX10 MR16 Metal Halide lamps.

Lamp Changing Sequence

Unscrew lens ring, remove gasket and lens. Hold lamp and remove lamp with other hand very carefully. Carefully push the lamp back into the ceramic lamp holder and rotate a ¼ turn clockwise. When replacing gasket and lens, make sure there is no dirt or grit on the gasket. Dirt or grit on the gasket may cause luminaire to leak.

GLARE GUARD INSTALLATION (POLE LITES)

Carefully remove lens ring making sure not to drop the glass lens and cause damage to it, keeping gasket in place. Hold body of luminaire tightly and screw Glare Guard ring onto light luminaire. Still holding body of luminaire tightly rotate glare guard to desired position.

**INSTRUCTIONS PERTAINING TO A RISK OF FIRE, OR INJURY TO PERSONS
IMPORTANT SAFETY INSTRUCTIONS:**
Lighted lamp is HOT!

WARNING - To reduce the risk of FIRE OR INJURY TO PERSONS:

Turn off / unplug and allow to cool before replacing lamp.

Lamp gets HOT quickly! Contact only switch/plug when turning on.

DO NOT touch hot lens, guard or enclosure.

Keep lamp away from materials that may burn.

DO NOT touch the lamp at any time. Use a soft cloth. Oil from skin may damage lamp.

DO NOT operate the luminaire fitting with a missing or damaged lens.

