

JR Series Installation Manual



APPLICATION

JR luminaires are designed for use indoors, outdoors, wet locations, and areas containing moisture, dirt, corrosion, vibration, and rough usage. The JR luminaire is also certified for use on marine vessels inside, outside and in other severely wet saltwater environments. Models JRX-XXX-XXX-XX-HZ-XX are certified for use in hazardous location areas.

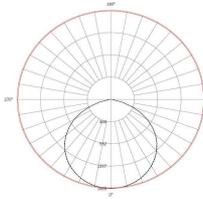
JR luminaires are suitable for use in the following areas as defined by the National Electrical Code (NEC) and the Canadian Electrical Code (CEC):

LC File Numbers:	Nemalux General Location: LC22294-1 Nemalux Hazardous Location: LC22294-1
Standards that apply to all models:	UL844, UL 1598, UL 1598A and UL 8750; CSA C22.2 No. 250.0 and CSA C22.2 No. 250.13
Standards that apply only to Hazardous Location models (JRX-XXX-XXX-XX-HZ-XX):	UL 844, CSA C22.2 No. 137
Hazardous Location Certification:	Class I, Division 2, Groups ABCD T3; Class II, Division 1, Groups FG T3; Class III, Division 1 and Division 2
Housing:	Copper-free high pressure die-cast aluminum housing, glass or polycarbonate protective lens, stainless steel fasteners
Input Voltage:	Based on luminaire suffix in table below: Suffix - AC: 120-277 VAC
Ambient Temperature Range:	-40°C to +60°C
Connections:	4 x 3/4" NPT Conduit Black: Line White: Neutral/Line 2 Green: Ground <i>Optional: Violet (Purple): 0-10V Dimming (+) Grey: 0-10V Dimming (-)</i> For connections use wire rated to a minimum of 90°C. Class 1 Wiring only. All supply field wiring must be rated 300V minimum for luminaires with suffix AC, 600V minimum for luminaires with suffix HV.
Ingress Protection:	IP66/67 Suitable For Wet Locations. Marine Outside Type (Salt Water)

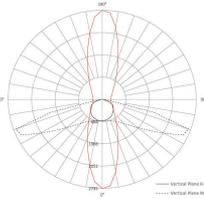
APPLICATION Cont.

Electrical Ratings & Optic Options

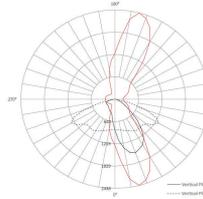
— Vertical Plane 0-180°
 - - - Vertical Plane 90-270°
 — Max Horizontal Plane



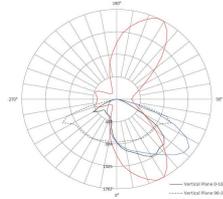
GWC - Wide Beam (No Optics)



GT1 - IESNA Type 1



GT2 - IESNA Type 2



GT3 - IESNA Type 3

AC MODELS (5000K CCT, minimum)

MODEL	LUMENS	WATTS	LUMENS/WATT
JR2	2874	18	164
JR4	5227	36	144

MODEL	LUMENS	WATTS	LUMENS/WATT
JR2	2033	19	107
JR4	3609	38	95

MODEL	LUMENS	WATTS	LUMENS/WATT
JR2	2084	19	110
JR4	3700	38	97

MODEL	LUMENS	WATTS	LUMENS/WATT
JR2	2091	19	110
JR4	3613	37	95

Note: Standard offering above, alternate optical profiles available upon request. Contact Nemalux Sales representative for further details. Minimum order quantities, additional costs and lead times may be applicable.

WARNING / ATTENTION

To avoid the risk of fire, explosion, or electric shock, this product should be installed, inspected, and maintained by a qualified electrician only, in accordance with all applicable electrical codes.

Éviter tout risque d'incendie, d'explosion ou d'électrocution, ce produit doit être installé, inspecté et entretenu par un électricien qualifié uniquement, conformément à tous codes électriques applicables.

WARNING / ATTENTION

To reduce the risk of electric shock, disconnect the luminaire from the supply circuit before opening for installation and servicing. Keep tightly closed when in operation.

Pour réduire le risque de choc électrique, débranchez le luminaire du circuit d'alimentation avant l'ouverture pour l'installation et l'entretien. Gardez hermétiquement fermé pendant le fonctionnement.

WARNING ATTENTION Potential Electrostatic Charging Hazard / Risque potentiel de charge électrostatique

Avoid electrostatic discharge:

- Clean exterior lens surface with damp cloth only
- Éviter les décharges électrostatiques: nettoyer la surface extérieure de la lentille uniquement avec un chiffon humide

JR-SM – SURFACE/CEILING MOUNT INSTALLATION (Ordered Separately)

Refer to alternate instructions if using Conduit, Hook, Wall, Pole or Yoke Mount

This JR-SM kit is intended for use with LC Listed JR luminaire as marked on the luminaire nameplate.

Accessory Package Contents

JR-SM	QTY	PART NAME
	2	SURFACE/SUSPENSION MOUNT BRACKET
	4	M6 X 12mm HEX HEAD CAP SCREW
	4	M6 FLAT WASHER



INSTALLATION STEPS

STEP 1.

Inspect shipping package and contents to ensure no damage has occurred during shipping.

STEP 2.

Install Surface/Suspension Mount Brackets using the 4x M6 hex cap bracket mounting screws. See diagram for orientation of brackets. Torque M6 bolts to 5 Nm (45 in-lbs).

STEP 3.

A) For surface mounting configuration, mount luminaire in desired locations using 4x 1/4-20 OR 4x M6 fasteners and washers (Not provided).

STEP 4.

Open JR Wiring Cover and allow cover to hang via retention strap.

STEP 5.

Open JR Wiring Cover and allow cover to hang via retention strap.

Note:

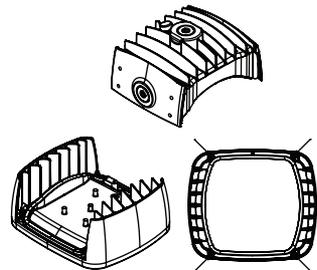
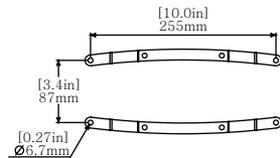
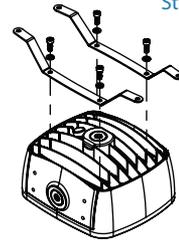
Screws are captive fasteners and will remain attached to the cover for ease of reinstall and to prevent loss of fasteners.

STEP 6.

Make wiring connections from branch circuit conductors to factory provided lead wires using one of the 3/4" NPT threaded entries. Follow wiring method requirements of the Canadian Electrical Code or National Electrical Code for the specific location of the installation. If installing a hazardous location model (JR-X-XXX-XXX-XX-HZ-XX) in a hazardous location, follow the hazardous location wiring method requirements of the Canadian Electrical Code or National Electrical Code.

For 0-10V Analog Dimming Control. Ensure dimming control is certified and suitable for the classification of the area of installation. Connect Violet (Purple) (+) and Gray (-), driver lead wires, to 0-10VDC control wiring.

Step 1-3



JR-SM – SURFACE/CEILING MOUNT INSTALLATION CONT.

INSTALLATION STEPS CONT.

STEP 6. CONT.

- LED Drivers will source a combined maximum of 200µA for control needs
- 0-10V Controller must sink current from LED driver
0-10V control connections

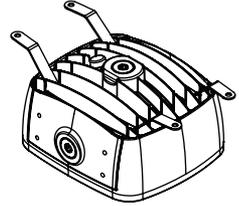
NOTE:

To aid in assembly and provide protection against ingress, use of a petrolatum or soap thickened mineral oil based thread lubricant/sealant is necessary.

Unused conduit opening must be plugged to maintain the integrity of the enclosure.

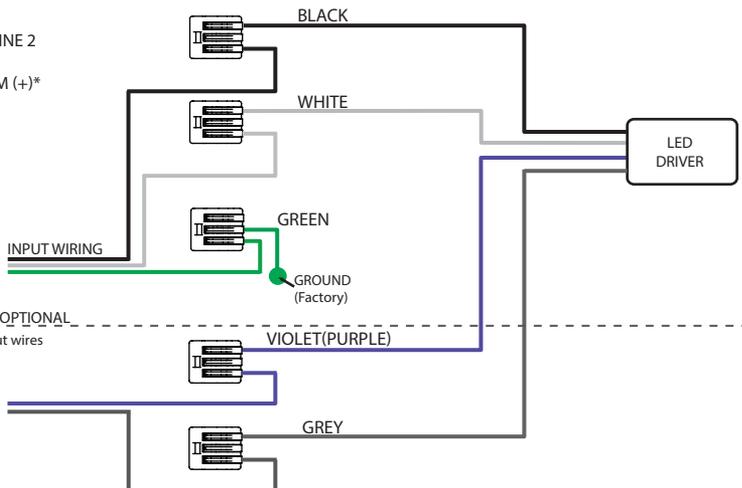
STEP 7.

Close JR cover. Ensure the retention cable is not pinched between JR Head and the JR cover. Tighten cover bolts to 1.7 N-m (15 in-lbs).



WIRING DIAGRAM

- BLACK - LINE
- WHITE - NEUTRAL/LINE 2
- GREEN - GROUND
- VIOLET (PURPLE) - DIM (+)*
- GREY - DIM (-)*



0-10V DIMMING WIRING OPTIONAL

*Omit purple and grey input wires if dimming is not enabled.

JR-PM – POLE MOUNT INSTALLATION (Ordered Separately)

Refer to alternate instructions if using Conduit, Hook, Wall or Yoke Mount

This JR-PM kit is intended for use with LCListed JR luminaire as marked on the luminaire nameplate.

Accessory Package Contents



JR-PM	QTY	PART NAME
	1	POLE MOUNT
	1	POLE MOUNT GASKET
	4	M6 X 25mm HEX HEAD CAP SCREW
	4	M6 FLAT WASHER
	1	M6 X 16mm HEX HEAD CAP SCREW
	1	3/4 NPT THREADED SMOOTH BORE BUSHING

INSTALLATION STEPS

STEP 1.

Inspect shipping package and contents to ensure no damage has occurred during shipping.

STEP 2.

Install the provided plastic 3/4" bushing into side 3/4" NPT entry.

STEP 3.

Install Pole Mount and gasket with adhesive side applied to mount using included M6 bolts and washers. Torque to 5 Nm (45 in-lbs)

STEP 4.

Thread luminaire assembly onto 1.5" NPT pole.

NOTE:

To aid in assembly and provide protection against ingress, use of a petrolatum or soap thickened mineral oil based thread lubricant/sealant is necessary.

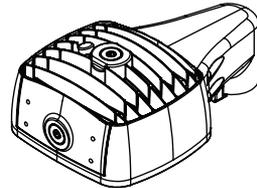
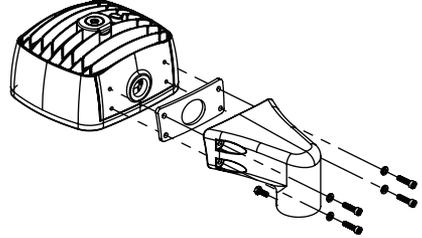
Unused conduit opening must be plugged to maintain the integrity of the enclosure.

STEP 5.

Insert and tension M6 set screw to pole to lock rotation.

STEP 6.

Resume installation instructions provided with luminaire (STEP 4 on PAGE 3).



JR-WM – WALL MOUNT INSTALLATION (Ordered Separately)

Refer to alternate instructions if using Pole, Yoke, Conduit or Hook Mount

This JR-WM kit is intended for use with LC Listed JR luminaire as marked on the luminaire nameplate.

Accessory Package Contents

JR-WM	QTY	PART NAME
	1	WALL MOUNT
	1	WALL MOUNT PLATE
	1	WALL MOUNT PLATE SIDE GASKET
	1	WALL MOUNT GASKET
	4	6 x 25mm SOCKET HEAD CAP SCREW
	4	M4x 10mm FLAT HEAD SOCKET CAP SCREW
	4	M6 FLAT WASHER
	3	3/4 NPT HEX CAP PLUG
	1	3/4 NPT THREADED SMOOTH BORE BUSHING



INSTALLATION STEPS

STEP 1:

Inspect shipping package and contents to ensure no damage has occurred during shipping.

STEP 2:

Install provided 3/4" NPT conduit plugs in desired locations. To maintain ingress rating all NPT entries not used for wiring connections are required to be plugged. Torque to 10 Nm (88 in-lbs)

NOTE:

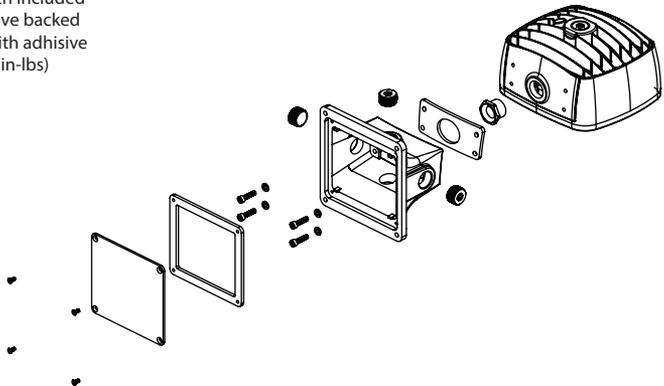
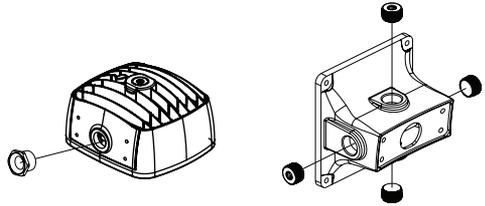
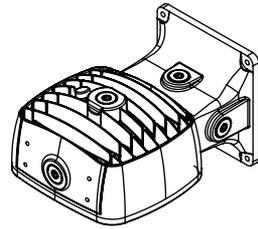
To aid in assembly and protection against ingress use of a petrolatum or soap thickened mineral oil based thread lubricant/sealant is necessary.

STEP 3:

Install provided 3/4" NPT plastic bushing.

STEP 4:

Install Wall Mount main body with included M6 bolts and washers and adhesive backed gasket. Apply gasket to mount with adhesive backed side. Torque to 7 N-m (62 in-lbs)



JR-WM – WALL MOUNT INSTALLATION (Ordered Separately)

STEP 5:

Install Back Cover Plate with 4x M4 Flat head screws and adhesive backed gasket. Apply gasket with adhesive side applied to mount main body.

Torque to 2 N-m (17 in-lbs)

STEP 6:

Mount fixture assembly to desired location using 4x 1/4-20 OR M6 Screws or Bolts.

STEP 7:

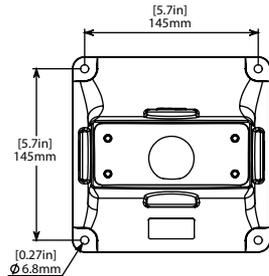
Install appropriate Listed 3/4" NPT cable gland for cable size to desired entry location and be sure to follow all applicable local electrical codes for the specific hazardous locations. Torque cable gland base and dome nut to manufacturer's recommended specification. OR Install Direct Rigid Conduit as per local electrical code. For direct rigid conduit installation, torque hand tight plus 2 to 3 turns.

NOTE:

To aid in assembly and protection against ingress use of a petrolatum or soap thickened mineral oil based thread lubricant/sealant is necessary.

STEP 8:

Resume installation instructions provided with fixture. (STEP 4)



JR-WM2 – WALL MOUNT 2 INSTALLATION (Ordered Separately)

Refer to alternate instructions if using Conduit, Hook, Pole or Yoke Mount

This JR-WM2 kit is intended for use with LC Listed JR luminaire as marked on the luminaire nameplate.

Accessory Package Contents

JR-WM2	QTY	PART NAME
	1	WALL MOUNT
	1	WALL MOUNT LID
	1	WALL MOUNT GASKET
	4	6 x 25mm SOCKET HEAD CAP SCREW
	2	M6 x 20mm SOCKET HEAD CAP SCREW
	4	M6 FLAT WASHER
	3	3/4 NPT HEX CAP PLUG
	1	3/4 NPT THREADED SMOOTH BORE BUSHING
	1	WIRE EXTENSION KIT



INSTALLATION STEPS

STEP 1.

Inspect shipping package and contents to ensure no damage has occurred during shipping.

STEP 2.

Install provided 3/4" NPT conduit plugs in desired locations on wall mount. To maintain ingress rating all NPT entries not used for wiring connections are required to be plugged. Torque to 10 Nm (88 in-lbs)

NOTE:

To aid in assembly and provide protection against ingress, use of a petrolatum or soap thickened mineral oil based thread lubricant/sealant is necessary.

Un-used conduit opening must be plugged to maintain the integrity of the enclosure.

STEP 3.

Open JR Luminaire by removing 4 face bolts, note screws are captive for easy reinstallation. Install provided 3/4" smooth bore bushing in side NPT entry. Extend supply wires through bushing with provided wire extensions.

Close JR & torque fasteners to 1.7 N-m (15 in-lbs).

STEP 4.

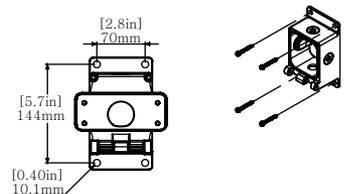
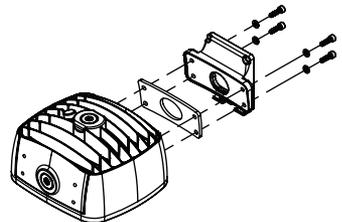
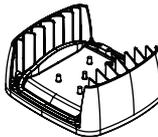
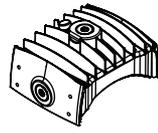
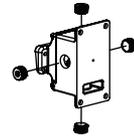
Attach Gasket to WM cover face and then fasten to JR body with the provided M6 screws and washers. Torque to 5N-m (45in-lbs).

STEP 5.

Mount WM Base in desired location through the 4 10mm (3/8") Mounting holes using appropriate fasteners and washers for the supporting material (fasteners not provided)

STEP 6.

Route branch conductors to WM Base. Follow wiring method requirements of the Canadian Electrical Code or National Electrical Code for the specific location of the installation. If installing a hazardous location model (JRXX-XXX-XXX-XX-HZ-XX) in a hazardous location, follow the hazardous location wiring method requirements of the Canadian Electrical Code or National Electrical Code.



JR-WM2 – WALL MOUNT 2 INSTALLATION CONT.

INSTALLATION STEPS CONT.

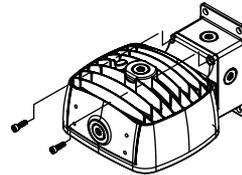
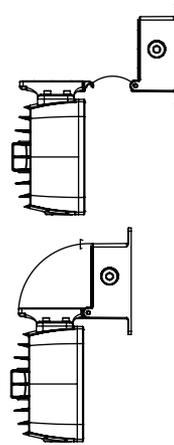
Step 7 -
Hang JR Luminaire/WM Cover over hinge pins in preparation for wiring

Step 8 -
Make wiring connections from luminaire wires branch circuit conductors, ensuring bonding connection with WM Base (Wiring diagram on pg 4). Follow wiring method requirements of the Canadian Electrical Code or National Electrical Code for the specific location of the installation. If installing a hazardous location model (JRXX-XXX-XXX-XX-HZ-XX) in a hazardous location, follow the hazardous location wiring method requirements of the Canadian Electrical Code or National Electrical Code.

For 0-10V Analog Dimming Control ensure dimming control is certified and suitable for the classification of the area of installation. Connect Violet (Purple) (+) and Gray (-), driver lead wires, to 0-10VDC control wiring. LED Drivers will source a combined maximum of 200µA for control needs

• 0-10V Controller must sink current from LED driver

Step 9 -
Swing JR/WM Cover upward closing the junction box. Care required to ensure no wires are pinched between lid and body. Secure lid to body with two provided M6 fasteners.



JR-YK – HIGH VIBRATION YOKE INSTALLATION (Ordered Separately)

Refer to alternate instructions if using Conduit, Hook, Pole, Wall Mount, or Yoke Mount

This JR-YK kit is intended for use with LC Listed JR luminaire as marked on the luminaire nameplate.

Accessory Package Contents

JR-YK	QTY	PART NAME
	1	JR HIGH VIBRATION YOKE
	2	CHEEK PLATE
	8	M6 x 1 x 25mm SOCKET FLAT HEAD CAP SCREW
	4	M6 FLAT WASHER
	4	M6 x 1 x 16mm SOCKET HEAD CAP SCREW



INSTALLATION STEPS

STEP 1.

Inspect shipping package and contents to ensure no damage has occurred during shipping.

STEP 2.

Mount JR high vibration yoke to mounting surface using a minimum of 4x ¼-20 or M6 fasteners (not provided).

STEP 3.

Make wiring connections from branch circuit conductors to factory provided lead wires using one of the ¾" NPT threaded entries. Follow wiring method requirements of the Canadian Electrical Code or National Electrical Code for the specific location of the installation. If installing a hazardous location model (JRXX-XXX-XXX-XX-HZ-XX) in a hazardous location, follow the hazardous location wiring method requirements of the Canadian Electrical Code or National Electrical Code.

NOTE: To aid in assembly and protection against ingress use of a petrolatum or soap thickened mineral oil based thread lubricant/sealant is necessary.

Un-used conduit opening must be plugged to maintain the integrity of the enclosure.

STEP 4.

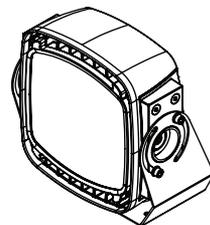
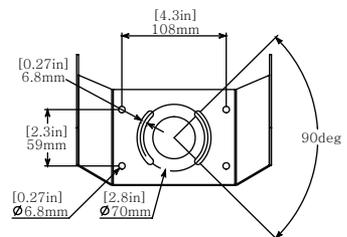
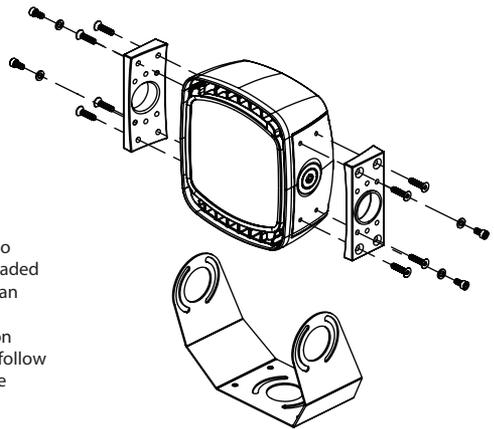
Mount JR Cheek Plates to sides of JR luminaire using 4x M6 flat head cap screws per side. Thread one cheek plate over installed wiring during assembly. Torque fasteners to 5 Nm (45 in-lbs).

STEP 5.

Thread installed wiring through opening in JR high vibration yoke mount and install JR luminaire into yoke. The raised circular bosses on the JR cheek plates should register inside of the large circular holes on the JR high vibration yoke mount arms. Rotate luminaire to aim in the desired direction and fasten in place using 2x M6 socket head cap screws and flat washers per side. Torque fasteners to 5 Nm (45 in-lbs).

STEP 6.

Resume installation instructions provided with luminaire (STEP 4 on PAGE 3).



JR-YM – YOKE MOUNT INSTALLATION (Ordered Separately)

Refer to alternate instructions if using Conduit, Hook, Pole or Wall Mount

This JR-YM kit is intended for use with LC Listed JR luminaire as marked on the luminaire nameplate.

Accessory Package Contents

JR-YM	QTY	PART NAME
	1	YOKE MOUNT A
	1	YOKE MOUNT B
	1	CHEEK PLATE
	4	1/4-20 HEX NUT
	4	1/4" FLAT WASHER
	4	1/4-20 x 0.5in CARRIAGE BOLT
	4	M6 x 25mm HEX HEAD CAP SCREW

INSTALLATION STEPS

STEP 1.

Inspect shipping package and contents to ensure no damage has occurred during shipping.

STEP 2.

Make wiring connections from branch circuit conductors to factory provided lead wires using one of the 3/4" NPT threaded entries. Follow wiring method requirements of the Canadian Electrical Code or National Electrical Code for the specific location of the installation. If installing a hazardous location model (JRXX-XXX-XXX-XX-HZ-XX) in a hazardous location, follow the hazardous location wiring method requirements of the Canadian Electrical Code or National Electrical Code.

NOTE: To aid in assembly and provide protection against ingress, use of a petrolatum or soap thickened mineral oil based thread lubricant/sealant is necessary.

Unused conduit opening must be plugged to maintain the integrity of the enclosure.

STEP 3.

Loosely assemble Yoke mount with carriage bolts on inside and washers and nuts on the outside.

NOTE: Depending on which mounting hole is used in the curved slot, the luminaire may be configured for an upward or downward adjustable swing.

STEP 4.

Thread installed wiring through openings in yoke mount cheek plate and yoke mount bracket. Mount yoke assembly to luminaire using 4x M6 Socket Head Cap Screws and Washers (Provided). Torque fasteners to 5 Nm (45 in-lbs).

STEP 5.

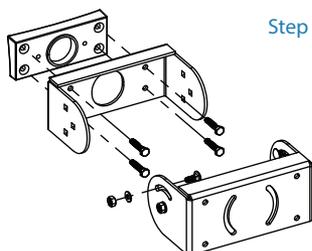
Mount luminaire assembly to desired location using 4x 1/4-20 OR M6 Screws or Bolts (Not Provided).

STEP 6.

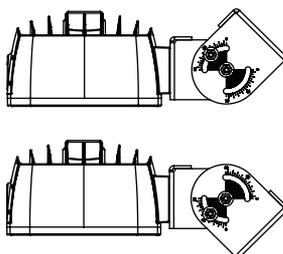
Adjust and aim luminaire to desired position. Torque hardware nuts to 9 N-m (80 in-lbs).

STEP 7.

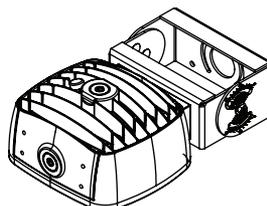
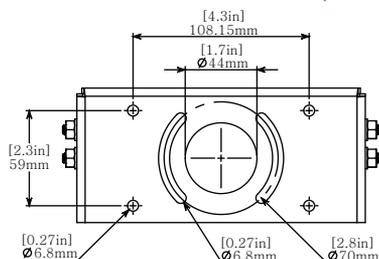
Resume installation instructions provided with luminaire (STEP 4 on PAGE 3).



Step 3



Step 5



JR-HK – HOOK PENDANT INSTALLATION (Ordered Separately)

Refer to alternate instructions if using Pendant, Wall, Pole or Yoke Mount

This JR-HK kit is intended for use with LC Listed JR luminaire as marked on the luminaire nameplate.

Accessory Package Contents

JR-HK	QTY	PART NAME
	1	PENDANT HOOK ASSEMBLY
	1	ANTI-ROTATION ASSEMBLY

INSTALLATION STEPS

STEP 1.

Inspect shipping package and contents to ensure no damage has occurred during shipping.

STEP 2.

It is recommended to install Secondary Safety Cable by looping appropriate steel cable or chain through the outer band of the unit and fastening a closed loop. Secondary safety hardware must be rated for a minimum of 50lbs. Secondary safety cables made from stainless steel aircraft cable are available upon request.

STEP 3.

Slide anti-rotation lock onto suspension hook assembly and install hook assembly into 3/4" NPT threaded entry. Tighten to hand tight plus 1 to 2 turns. Slide anti-rotation lock into place and tighten set screw to lock unit in place.

NOTE:

To aid in assembly and provide protection against ingress, use of a petrolatum or soap thickened mineral oil based thread lubricant/sealant is necessary.

Unused conduit opening must be plugged to maintain the integrity of the enclosure.

STEP 4.

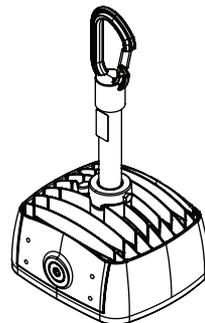
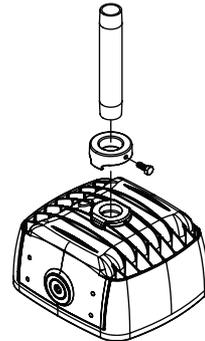
Latch hook onto eye-bolt or other fixed mounting loop. Mounting point must be rated for a minimum of 50lbs.

STEP 5.

Install remaining loop of secondary safety chain or steel cable to suitable mounting location and fasten securely.

STEP 6.

Resume installation instructions provided with luminaire (STEP 4 on PAGE 3).



JR-CM – CONDUIT MOUNT INSTALLATION (Ordered Separately)

Refer to alternate instructions if using Wall, Hook, Pole or Yoke Mount

This JR-CC kit is intended for use with LC Listed JR luminaire as marked on the luminaire nameplate.

JR-CC	QTY	PART NAME
	1	ANTI-ROTATION BRACKET ASSEMBLY



INSTALLATION STEPS

STEP 1.

Inspect shipping package and contents to ensure no damage has occurred during shipping.

STEP 2.

When using the XR-CC anti-rotation lock, slide it first onto suitably mounted hanging conduit or luminaire hanger loosely tighten set screw. Fixed Rigid Metal Conduit or luminaire hanger must be suitably mounted to prevent rotation and system must be rated for 50 lbs.

Install luminaire onto 3/4" NPT threaded nipple. Tighten to hand tight contact plus 1 to 2 turns. When using the XR-CC loosen set screw and slide XR-CC into place with flats aligned to those on luminaire hub and tighten set screw to lock unit in place.

NOTE:

To aid in assembly and provide protection against ingress, use of a petrolatum or soap thickened mineral oil based thread lubricant/sealant is necessary.

Unused conduit opening must be plugged to maintain the integrity of the enclosure.

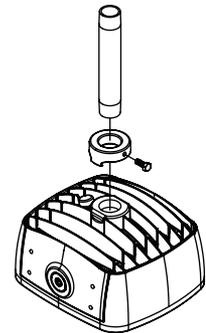
STEP 3.

If utilizing the Secondary Safety Cable, install it by looping appropriate steel cable or chain through the outer band of the unit and fastening a closed loop. Secondary safety hardware must be rated for a minimum of 50lbs.

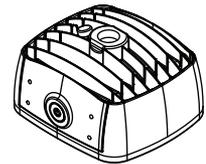
Install remaining loop of secondary safety chain or steel cable to suitable mounting location and fasten securely. Secondary safety hardware must be rated for 50lbs.

STEP 4.

Resume installation instructions provided with luminaire (STEP 4 on PAGE 3).



This kit contains Anti-Rotation-Lock



JR-SFY – SLIP FITTER YOKE MOUNT INSTALLATION (Ordered Separately)

Refer to alternate instructions if using Wall, Hook, Pole or Yoke Mount

This JR-SFY kit is intended for use with LC Listed JR luminaire as marked on the luminaire nameplate.



WARNING/ATTENTION

Listing for Class I, Division 2, Zone 22, Class III and Nonrecessed Marine Luminaire and the IP66 or IP66/67 rating are Limited to using the mount for mechanical support only and not part of the wiring system.

Luminaires marins de classe II, division 2, zone 22, classe III, non-encastré et la classification IP66 ou IP66 / 67 sont limitées à l'utilisation du support pour un support mécanique uniquement (l'entrée de conduit 1/4" NPT couverte par le support doit être branchée à l'aide des bouchons fournis). Il n'est pas autorisé à être utilisé pour le système de câblage.

Accessory Package Contents

JR-SFY	QTY	PART NAME
	2	M6 X 16mm FLAT HEX HEAD SOCKET CAP SCREW
	1	SEALED CAP
	2	M8 X 25mm SOCKET HEAD CAP SCREWS
	6	3/8" HEX BOLTS
	4	M6 X 16mm HEX HEAD CAP SCREW
	1	SLIP FITTER YOKE MOUNT (2x PIECES)

INSTALLATION STEPS

STEP 1.

Inspect shipping package and contents to ensure no damage has occurred during shipping.

STEP 2.

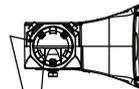
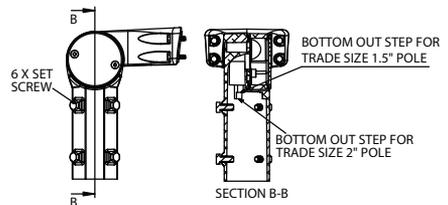
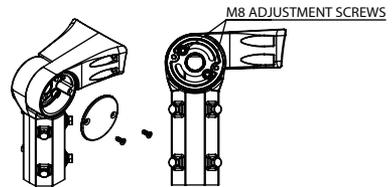
Remove both M6 flat head cap screws using a 4mm hex key and remove sealed cap. If required angle is known, adjust luminaire angle by loosening two M8 socket head cap screws inside the slip fitter pole mount using a 6mm hex key. After aiming torque M8 socket head cap screws to 17N-m (13ft-lb).

NOTE:

Aiming angle can be adjusted after Step 6.

STEP 3: Install slip fitter pole mount onto pole. Poles equivalent in size to 1-1/2" or 2" trade size pipe or conduit are to be used. Ensure slip fitter pole mount is fully seated on top of pole at the internal stops. Aim and secure slip fitter pole mount using the six provided 3/8" hex bolts. Torque to 27N-m (20ft-lb)

NOTE: *Aiming can be adjusted up to 180° in either direction after installation by loosening the 6 hex bolts and tightening again to 27 N-m (20 ft-lb). DO NOT TURN BEYOND 180° as this will induce twist and strain on conductors after wiring.*



INNER STEP BORE SIZED FOR 1.5" TRADE SIZE POLE
46mm - 50mm (1 13-16" TO 2")
BORE SIZED FOR 2" TRADE SIZE POLE
53-63mm (2 1-8" TO 2 7-16") DIAMETER

JR-SFY – SLIP FITTER YOKE MOUNT INSTALLATION CONT.

INSTALLATION STEPS CONT.

STEP 4:

Warning: Listing for Class II, Division 2, Zone 22, Class III and Nonrecessed Marine Luminaire and the IP66 or IP66/67 rating are Limited to using the mount for mechanical support only (¾" NPT Conduit entry covered by mount is to be plugged using provided plugs) and not part of the wiring system.

Attention: Lors de l'installation de la luminaire JR sur le support SFY, la lentille du luminaire ne doit pas être orientée vers le haut au-delà de la position verticale pour les installations en zones dangereuses de Classe II, Division 2, Zone 22 et Classe III. Reportez-vous à la figure.

Install a suitable wiring system that complies with the wiring methods permitted in the Canadian Electrical Code or the National Electrical Code for the classification of the hazardous locations area of installation.

STEP 5: Ensure wiring system has appropriate strain relief in the luminaire by tying a large enough knot using the supply field wiring in the wiring compartment such that it cannot be pulled through the 3/4" inch NPT entry of the luminaire.

STEP 6: Secure slip fitter pole mount to luminaire with four M6 hex head cap screws provided using a 10mm socket. Torque to 7N-m (62in-lbs)

Step 7: Close sealed cap on slip fitter pole mount. Torque to 7N-m (62in-lbs)

Step 8: Follow the wiring instructions specified in the main installation instructions provided with the JR luminaire as applicable for making connections with the luminaire lead wires and testing the system.

