TOP HAT ADAPTER ASSEMBLY INSTRUCTIONS

RETROFIT LED REPLACEMENT

This kit is intended for use with Nemalux luminaire as marked on the luminaire nameplate. Nemalux top hat adapters are available for retrofitting Eaton Crouse-Hinds compatible mounting bases.

TOP-HAT	ITEM NO.	PART NAME	QTY.
	1	TOP HAT ADAPTER	1
	2	ANTI-ROTATION LOCK	1
	3	CONDUIT	1
	4	NEMALUX FIXTURE (JR, MR, or XR)	1

WARNING

To avoid the risk of fire, explosion or electric shock, a qualified electrician should install, inspect, and maintain this product using all applicable electrical codes.

ATTENTION

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

NEM-TH-EA conforms with UL1598 & CSA22.2 NO 250 only when installed with Nemalux JR/MR/XR series luminaires and Eaton Crouse-Hinds compatible mounting bases.
PENDANT – APM2, APM3, HPM2
WALL – TWM2, TWM3
STANCHION – JM5, PM5
QUAD – QM25

If the NEM-TH-EA Mounting Adapter is already affixed to the luminaire, proceed to step 7.

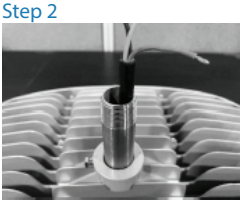
Follow these steps if the NEM-TH-EA Mounting Adapter is not affixed to the new luminaire.

INSTALLATION STEPS

STEP 1.
Follow conduit attachment instructions for mating Nemalux luminaire. Ensure the anti-rotation lock is installed and engaged.

STEP 2.
The NEM-TH-EA permits wiring terminations in either the mounting base or the luminaire. If terminating wiring inside the mounting base, follow Nemalux luminaire instructions and connect wiring extensions from the luminaire through the attached conduit nipple to be terminated inside the mounting base.

Step 2

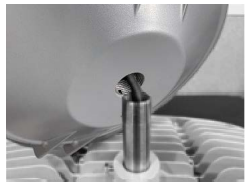


If supply wires feed into luminaire from mounting base without a connection inside the mounting base, proceed with instructions for attaching the conduit nipple and mounting adapter without extending the luminaire wiring.

INSTALLATION STEPS CONT.

STEP 3.
If making wire terminations inside the top hat adapter, feed wires into the top hat adapter and thread onto the nipple. If supply lines are passing through the NEM-TH-EA adapter to the luminaire then thread the NEM-TH-EA adapter onto the conduit nipple. The inside of the top hat is to be facing away from the luminaire.

Step 3



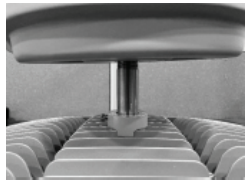
NOTE:
To aid in assembly and provide protection against ingress, apply a petrolatum or soap-thickened mineral oil-based thread lubricant/sealant to the conduit nipple threads.

STEP 4.
Thread NEM-TH-EA onto pipe nipple finger tight 18-inch pounds | 2 NM of torque.

STEP 5.
Tighten NEM-TH-EA another 1 to 2 revolutions, tightening the NPT connection and adjusting rotation so the luminaire is oriented as needed with the top hat. The torque should be no more than 50 ft-lbs | 68 NM.

STEP 6.
Secure the conduit nipple with the anti-rotation fastener inside NEM-TH-EA.

Step 6



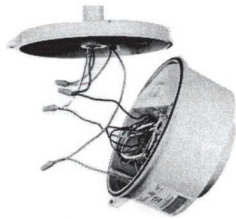
STEP 7.
Ensure the circuit is de-energized before proceeding with any wiring/installation changes.

STEP 8.
Access the existing luminaire ballast and lamp wiring by removing the screw on the side of the base.

STEP 9.
Disconnect existing luminaire wiring.

STEP 10.
Remove the original lamp & ballast assembly, leaving the base with supply conductors only.

Step 10



STEP 11.
Inspect the base flange for any debris and clean it to ensure good gasket interaction.

STEP 12.
Hang the new luminaire with the NEM-TH-EA Mounting adapter onto the existing base hook.

INSTALLATION STEPS CONT.

STEP 13.
If using the base for wiring terminations, make wire connections, ensuring the ground is connected to the NEM-TH-EA and the luminaire. If making terminations inside the fixture, connect the NEM-TH-EA bonding conductor and feed the supply wires through the center conduit entry into the luminaire.

STEP 14.
To minimize the chances of condensation buildup inside the luminaire from the conduit system. It is recommended that the wiring passage be plugged with a DUCT seal around the supply conductors.

Step 14

STEP 15.
Swing top hat and luminaire up into place and secure with screw, torque to 5 ft-lbs (6.8 nm).

STEP 16.
Test operation by energizing the circuit.

Step 16