

INSTALLATION INSTRUCTIONS

LED Canopy Retrofit Kit

TRMUNV065ECxyyZ
 TRAUNV065ECxyyZ

1.0 INSTALLATION WARNINGS

1. "THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND HAZARDS INVOLVED."
2. "Warning - Risk of fire or electric shock. LED Retrofit kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician."
3. "Warning - Risk of fire or electric shock. Install this kit only in the luminaires that has the construction features and dimensions shown in the photographs and/or drawings and where the input rating of the retrofit kit does not exceed the input rating of the luminaire."
4. "Warning - To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects."
5. "CAUTION - RISK OF FIRE. CONSULT A QUALIFIED ELECTRICIAN TO ENSURE CORRECT BRANCH CIRCUIT CONDUCTOR."
6. "THE RETROFIT KIT IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY THE AUTHORITIES HAVING JURISDICTION."

1.0 AVERTISSEMENTS D'INSTALLATION

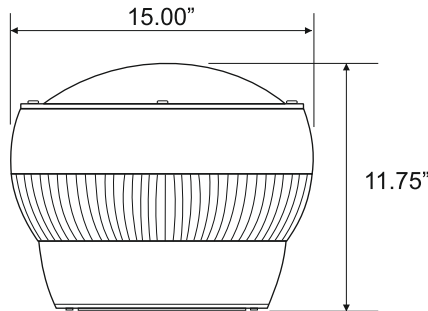
1. CE PRODUIT DOIT ÊTRE INSTALLÉ SELON LE CODE D'INSTALLATION PERTINENT, PAR UNE PERSONNE QUI CONNAÎT BIEN LE PRODUIT ET SON FONCTIONNEMENT AINSI QUE LES RISQUES INHÉRENTS.
2. AVERTISSEMENT - Risque d'incendie ou de choc électrique. L'installation de ce nécessaire de modernisation exige une personne familière avec la construction et le fonctionnement du système électrique du luminaire et des risques associés. Toute personne qui n'est pas qualifiée ne doit faire aucune tentative d'installation et doit contacter une personne qualifiée.
3. AVERTISSEMENT - Risque d'incendie ou de choc électrique. N'installer ce nécessaire que dans les luminaires dont les caractéristiques de construction et les dimensions sont conforme à celles illustrées dans les photos et/ou les dessins et dont la puissance d'entrée nominale du nécessaire de modernisation ne dépasse pas celle du luminaire.
4. AVERTISSEMENT - Afin de prévenir l'endommagement ou l'abrasion des câbles, éviter tout contact entre ces derniers et le bord d'un objet tranchant tel qu'une tôle.
5. ATTENTION – RISQUE D'INCENDIE, CONSULTER UN ÉLECTRICIEN QUALIFIÉ POUR VOUS ASSURER QUE LES CONDUCTEURS DE LA DÉRIVATION SONT ADÉQUATS.
6. LE NÉCESSAIRE DE MODERNISATION EST ACCEPTÉ À TITRE DE COMPOSANT D'UN LUMINAIRE LORSQUE LA PERTINENCE DE LA COMBINAISON DOIT ÊTRE DÉTERMINÉE PAR LES AUTORITÉS COMPÉTENTES.

2.0 ORIGINAL LUMINAIRE DIMENSIONS

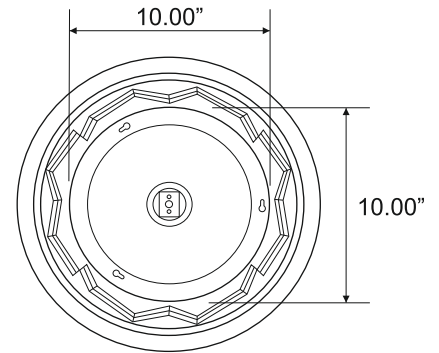
Original Luminaire



Minimum Luminaire Dimensions



Minimum Mounting Surface Dimensions



- Remove all the original luminaire parts, hardware, Socket and lamp in order to begin the retrofit.
- The original luminaire Housing, diffuser, Luminaire plate (remove original socket), grommet and ground wire will need to be kept for this retrofit.
- This kit can be retrofitted into any similar designed shaped luminaire with volume greater or equal to the minimum dimensions described above.

3.0 RETROFIT KIT COMPONENTS

Retrofit kit components will be provided as listed below:



LED Engine
(LED driver comes pre installed)



Mounting Hardware

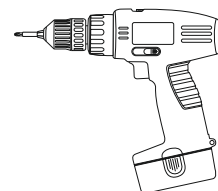
4.0 RECOMMENDED TOOLS (Not Included)



Small Flat Screw Driver

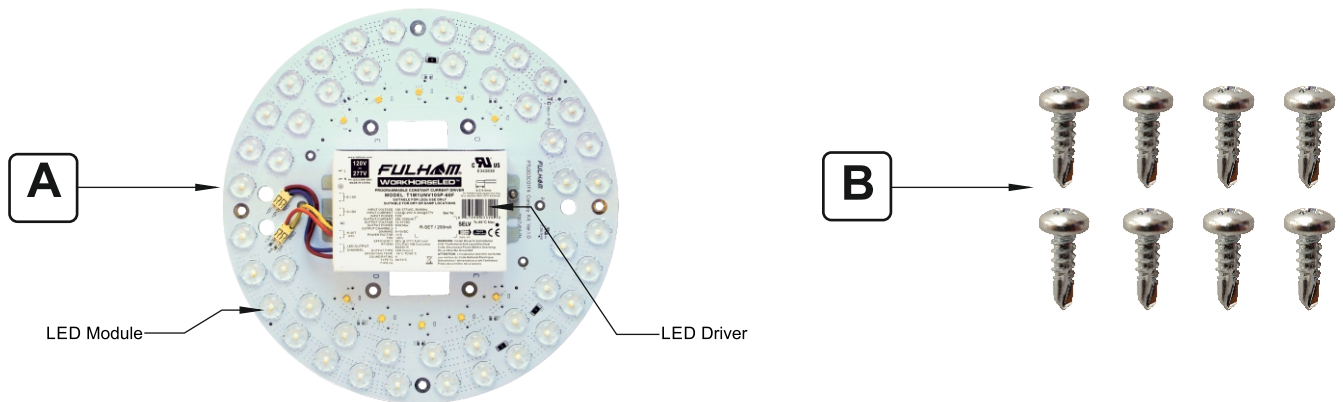


P2 Philips Screw Driver



Power Drill

5.0 RETROFIT KIT DESCRIPTION



ITEM	DESCRIPTION	QTY
A.	LED Engine (Module + Driver)	1
B.	Mounting Hardware 6-20 X 3/8" Pan Head Self Drilling Screws	8

6.0 ORIGINAL LUMINAIRE DISASSEMBLY

1. Start by loosening the four screws and removing the luminaire lens see figure A.
2. Remove the lamp from the socket see figure B.
3. Loosen the three screws holding the original luminaire plate and remove it from the luminaire. see figure B.
4. Detach the socket from the original luminaire plate by removing the two screws at the bottom of the luminaire plate. see figure C.
5. Remove the four screws from the original mounting straps indicated in figure C to remove the original components.
NOTE: The original luminaire ground wire will need to be kept for this retrofit.

Disassembled luminaire should look like figure E.

The luminaire is now ready to be retrofitted please proceed to the next step.

Note: If the LED Driver will be remote mounted skip to page 7 for alternate mounting.

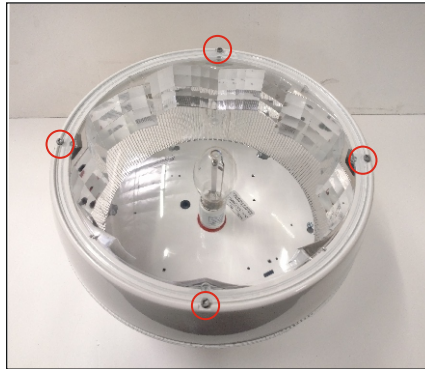


Figure A



Figure B

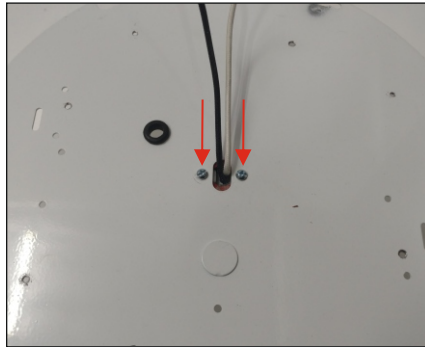


Figure C

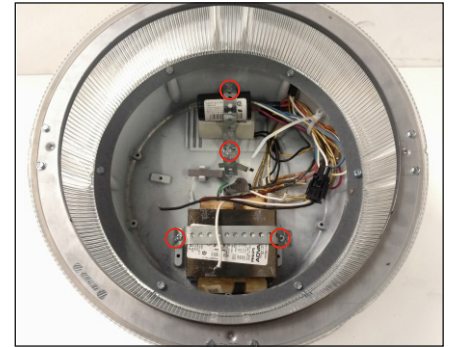


Figure D



Figure E



7.0 RETROFIT KIT ASSEMBLY

1. Pass the LED Engine (A) input wires through the original grommet of the luminaire plate. see figure 1.
2. Place the LED Engine (A) onto the original luminaire plate and center it as shown in figure 2.
3. Secure LED Engine (A) to the original luminaire plate using the 6-20 x 3/8" Self Drilling Screws (B). See figure 2.
4. Connect the LED Engine (A) input wires to the power source in accordance with the wiring instructions at the bottom of the page. See figure 3.
5. Place the original luminaire plate assembly onto the luminaire housing and secure using the three original screws. See figure 4.
6. Place the provided labels on the luminaire in a readily visible location to anyone attempting to service the luminaire. See figure 5.
7. Replace the luminaire lens and fasten the four screws. see figure 6

Completed retrofit should look like figure 6.



Figure 1

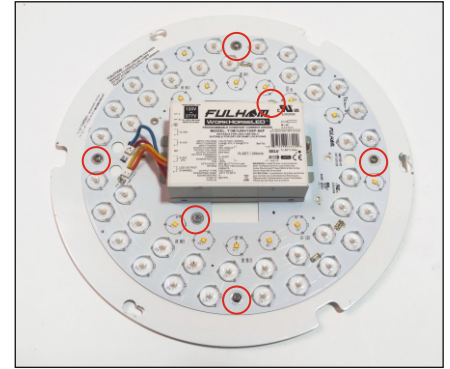


Figure 2

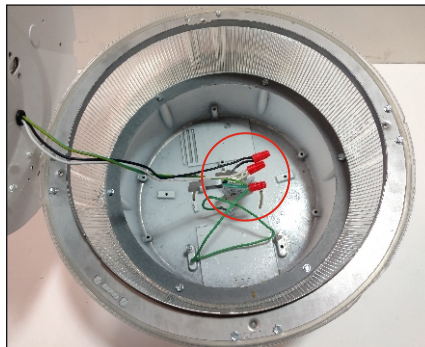


Figure 3

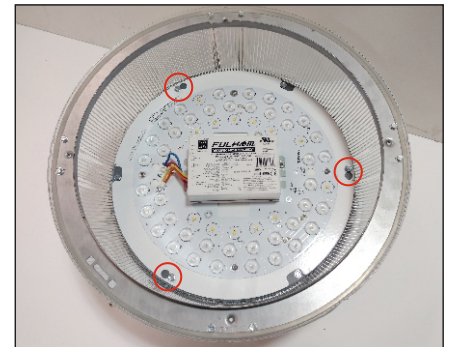


Figure 4

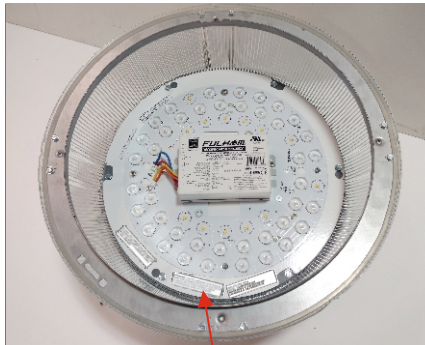


Figure 5

CAUTION: THIS LUMINAIRE HAS BEEN MODIFIED TO OPERATE LED LAMPS. DO NOT ATTEMPT TO INSTALL OR OPERATE FLUORESCENT LAMPS. **NE PAS INSTALLER DE LAMPES FLUORESCENTES DANS CE LUMINAIRE.**

ATTENTION : CETTE LUMINAIRE A ÉTÉ MODIFIÉE FAIRE FONCTIONNER LED. NE PAS TENTER DE INSTALLER OU FONCTIONNER LAMPES FLUORESCENTES DANS CE LUMINAIRE.

REPLACE ONLY WITH:
MODEL: THUNV05CxyyZ
DRIVER MODEL #: T1MUNV105P-50F
LED MODULE #: TMU15005SCxyyA



Figure 6

Connecting Power to Canopy Retrofit Kit

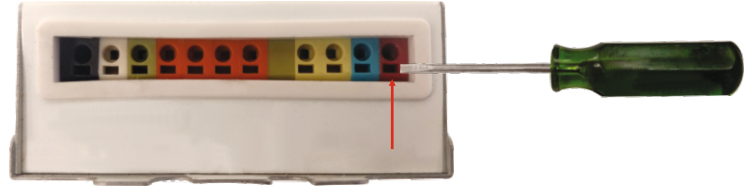
- 1) Connect the green wire (Ground) from the LED engine and luminaire to the Ground that is being fed by the power source. Connect these three wires by using a wire connector with a minimum 18AWG rating.
- 2) Connect the white wire (Neutral) from the LED engine to the Neutral being fed by the power source. Connect these two wires by using a wire connector with a minimum 18AWG rating.
- 3) Connect the Black wire (Line) from LED engine to the Line being fed by the power source. Connect these two wires by using a wire connector with a minimum 18AWG rating.

8.0 WARRANTY

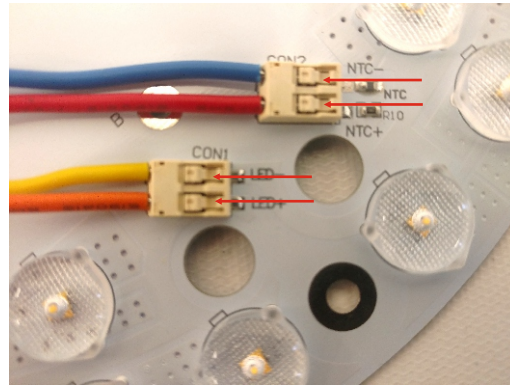
- Please refer to LED Canopy Retrofit kit spec sheet for warranty information

9.0 LED ENGINE DISASSEMBLY

- To remove pre-installed cables on the LED Driver, please insert a small flat head screw driver into the wire release slot found on the LED driver connector and pull cable.



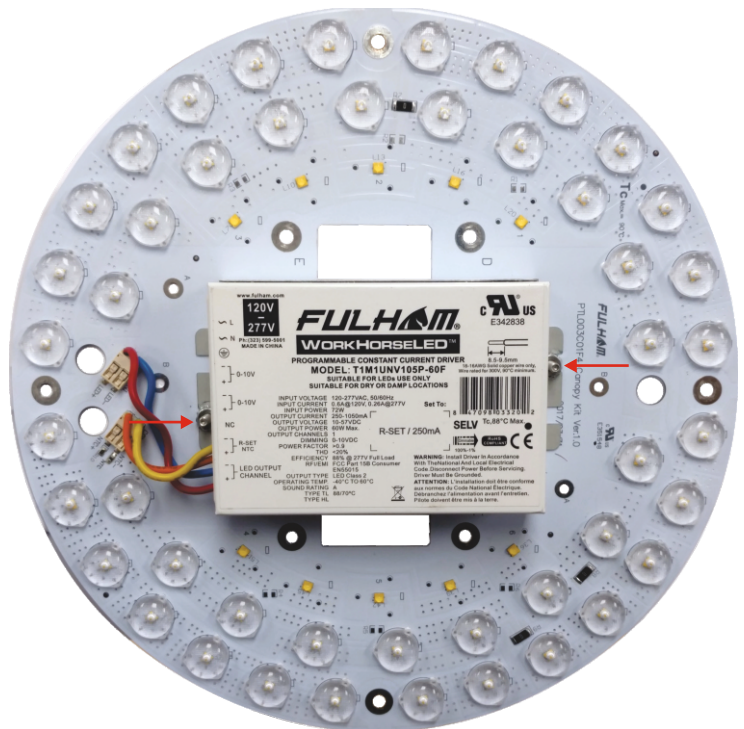
- To remove cables connected to the LED module push down on the cable release button found on the LED module connector and pull cable out.



- To remove the LED driver from the LED module remove the two hex nuts.

Please note, installer will need to provide adequate cables with the following min specs to remote mount the LED driver. Cable colors should match LED driver connections.

- *18AWG, (Solid Cable Only)
- *Rated for 105°C, 600V
- *min. UL recognized



10.0 ALTERNATE MOUNTING

1. Place the LED Driver onto the luminaire housing on the location indicated in figure 7.
2. Secure the LED Driver to the luminaire housing using the two original screws. See figure 7.
3. Pass the LED Module input/NTC wires through the grommet of the original luminaire plate. See figure 8.
4. Place the LED Module onto the original luminaire plate and center it as shown in figure 8.
5. Secure LED Module to the original luminaire plate using the 6-20 x 3/8" Self Drilling Screws (B). See figure 8.
6. Connect the LED Module input/NTC wires to the LED Driver. See figure 9.
7. Connect the LED Driver input wires to the power source in accordance with the wiring instructions at the bottom of the page. See figure 9.
8. Place the original luminaire plate assembly into the luminaire housing and secure using the three original screws. See figure 10.
9. Place the provided labels on the luminaire in a readily visible location to anyone attempting to service the luminaire. See figure 11.
10. Replace the luminaire lens and fasten the four screws. see figure 12.



Figure 7

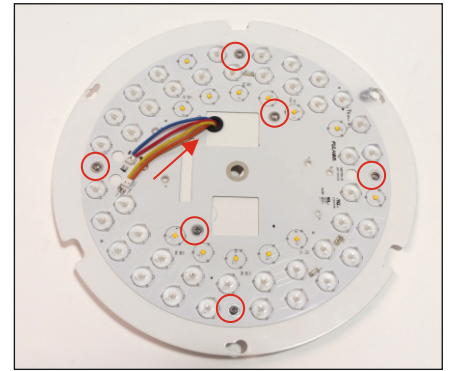


Figure 8

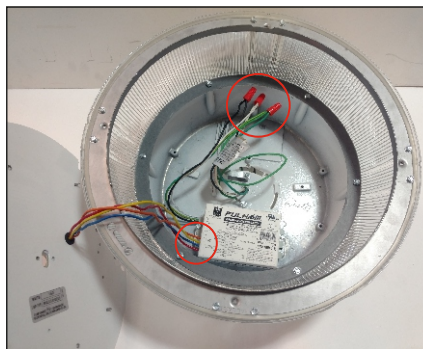


Figure 9

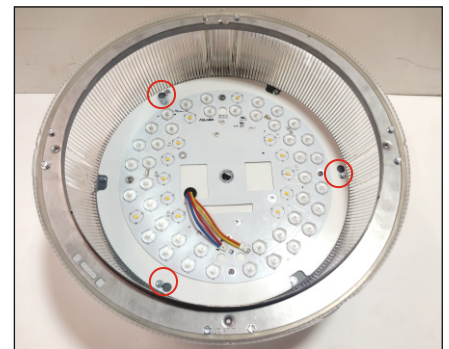


Figure 10

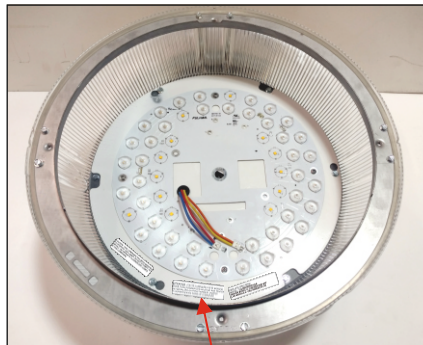


Figure 11



Figure 12

Completed retrofit should look like figure 12.

CAUTION: THIS LUMINAIRE HAS BEEN MODIFIED TO OPERATE LED LAMPS. DO NOT ATTEMPT TO INSTALL OR OPERATE FLUORESCENT LAMPS IN THIS LUMINAIRE.

ATTENTION : CETTE LUMINAIRE A ÉTÉ MODIFIÉE POUR FONCTIONNER À LÉD. NE PAS TENTER DE INSTALLER OU FONCTIONNER LAMPES FLUORESCENTES DANS CE LUMINAIRE.

REPLACE ONLY WITH:
MODEL: T8XUNV85Cxyz
DRIVER MODEL #: T8XUNV10SP-80P
LED MODULE #: T8XUNV85CxyzA

Connecting Power to Canopy Retrofit Kit

- 1) Connect the green wire (Ground) from the LED Driver and luminaire to the Ground that is being fed by the power source. Connect these three wires by using a wire connector with a minimum 18AWG rating.
- 2) Connect the white wire (Neutral) from the LED driver to the Neutral being fed by the power source. Connect these two wires by using a wire connector with a minimum 18AWG rating.
- 3) Connect the Black wire (Line) from LED driver to the Line being fed by the power source. Connect these two wires by using a wire connector with a minimum 18AWG rating.

11.0 WARRANTY

- Please refer to LED Canopy Retrofit kit spec sheet for warranty information