

LED ROUND LIGHT ENGINE

Safety Warnings

ELECTRICAL HAZARD - TURN OFF POWER AT MAIN CIRCUIT BREAKER BEFORE INSTALLATION

General Safety Requirements

- Commercial installations must be performed by a qualified, licensed electrician
- Confirm supply voltage matches luminaire specifications
- Use only UL-listed wire connectors and conductors rated for 90°C minimum
- Do not look directly at illuminated light source
- Allow fixture to cool completely before handling or bulb replacement
- Keep packaging materials away from children (choking hazard)

Important Reminder

- Please check that all accessories are included upon delivery. If anything is missing, contact customer service immediately for a replacement.

Installation Precautions

- Inspect fixture for damage before installation
- Do not expose wiring to sharp edges or modify enclosure holes
- Do not relocate pre-installed green ground screw
- Secure all connections and dispose of residues/fingerprints
- Suitable for dry or damp locations only

Description

Versatile retrofit solution for ceiling lights, flush mounts, and fan lights. Available in 4 sizes (4", 5.5", 7", 8.5") with driver-on-board 120V AC drive technology. Features field-selectable CCT (2700K-5000K), 90 CRI, and 140° beam angle delivering 1100-3100 lumens. Dimmable to 5% with ELV/LED dimmers. Energy Star certified, Title 24 qualified, flicker rate <30%. UL approved for damp locations. Multiple installation options easily integrate into existing fixture construction. L70 >50,000 hours lifespan. 5-year warranty.

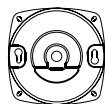
APPLICATIONS

Model Number	Parts/Components Included in Kit	Target Luminaire		
		Applications	Type	Lamp-Holder
- All	- Installation Instructions - LED module - Luminaire Marking Labels	- Pendant Luminaires - Fluorescent Luminaire - Surface Mounted	- Closed type (Diffuser or Lens/Cover)	- N/A

This units are intended to retrofit surface mount, with or without a diffuser, the minimum dimension of luminaires are tabulated below.

Model	4"	5.5"	7"	8.5"
#Pieces	1	1	1	1
Inside Diameter (mm)	213	213	233	310
Inside Height (mm)	30	30	90	110

PACKAGE INCLUDE



Light engine x 1



50mm threaded tube x 1
(Not included in 3" light engine)



Crossbar x 1
(Not included in 3" light engine)



4mm machine screw x 2



3mm self-tapping screw x 4



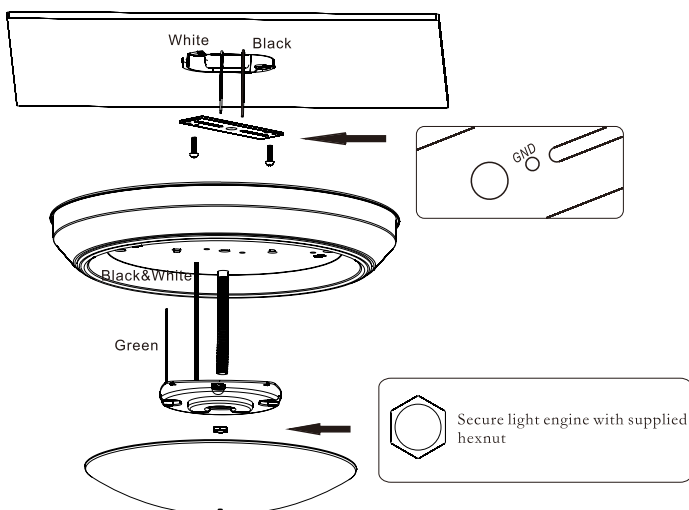
10mm hexagonal nut x 4
(Not included in 3" light engine)

INSTALLATION METHODS

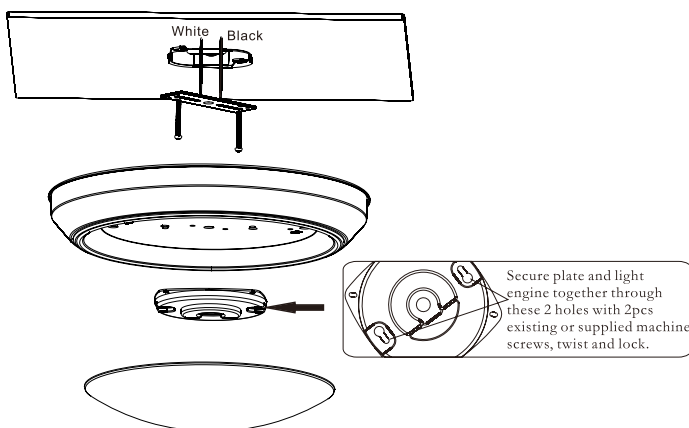
Installation Steps:

1. Turn off power to light fixture at the breaker.
2. Remove diffuser from the fixture and disconnect between AC cables and fixture
3. Disconnect fixture mains wiring from junction box mains wires
4. Remove bulb sockets, fixture wire, bulb brackets, and fluorescent ballast from fixture.
5. Route LED retrofit wire harness wires (1-white, 1-black) and ground wire (1-green) through wire opening in fixture. Confirm wires will not be pinched by ground LED mounting plate or other fixture hardware when reassembled.
6. Three installation proposals for the retrofitting:

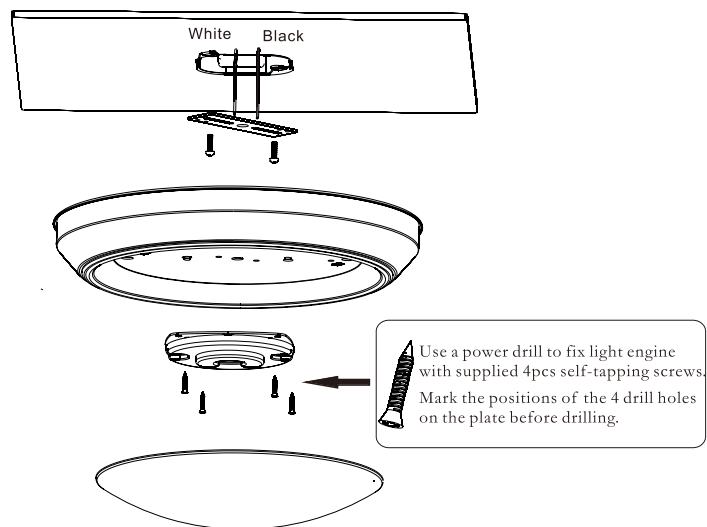
A - Dome installation



B - Junction-box installation



C - Surface mounting



7. Connect wire harness leads to main wiring inside junction box using 3 wire nuts.
 - a. Green wire to ground wire (bare or green)
 - b. Black or blue wire to line conductor (black)
 - c. White wire to neutral conductor (white)
8. Place the provide label in the outer space of the luminaire after the LED engine installation has been completed. Label must be visible.

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

9. Re-attach and secure the lens to luminaire or not, with or without a diffuser both workable.

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