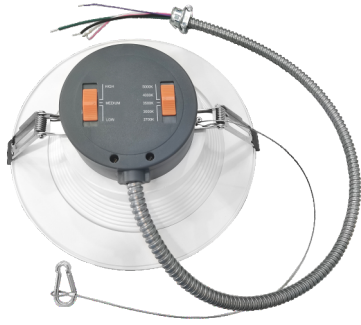




V2 3Watts 5CCT commercial downlights



Date: ..... Location: .....

Product: ..... Project: .....

Quantity: ..... Catalog# .....

## FEATURES

- 6in 8in 3 Watts 5 CCT all in one. Replaces legacy CFL, HID or incandescent downlights
- Provides comfortable diffused light with no dark spots
- Dimmable to 10% with a wide array of dimmers
- Pre-wired with poke-in connectors for easy installation
- safety chain for secure installation onto existing ceilings

## SUITABLE APPLICATIONS

- Office Lighting
- Meeting room lighting
- Store lighting
- Restaurant lighting

## CONSTRUCTION:

Alluminum housing, Integrated trim with snap clips.

## ELECTRICAL:

Available as 120-277V input. -20°C to 45°C.

## OPTICAL SYSTEM:

High transmission PC lense, 100° beam angle

## INSTALLATION & MOUNTING:

Different open hole size by flash mounting with clips for easy installation.

## WARRANTY:

5-year limited warranty. Actual performance may differ as a result of end-user environment and application.

## PERFORMANCE

Model NO	Tunable Wattage	dimmable	Voltage/Current Input		Size	Light Efficiency	Tunable CCT
			120V(A)	277V(A)			
LS-6CMCT22LR05	12W/17W/22W	0-10V	0.1/0.14/0.18	0.05/0.06/0.07	6inch	90-100LM/W	27/30/35/40/50K
LS-8CMCT30LR05	17W/24W/30W	0-10V	0.14/0.2/0.25	0.06/0.08/0.1	8inch	90-100LM/W	27/30/35/40/50K
LS-10CMCT38LR05	22W/30W/38W	0-10V	0.18/0.25/0.31	0.07/0.1/0.13	10inch	90-100LM/W	27/30/35/40/50K

## Electric Characteristic

Specification/Model	LS-6CMCT22LR05	LS-8CMCT30LR05	LS-10CMCT38LR05
LED Driver	UL Driver	UL Driver	UL Driver
Input power	12W/17W/22W	17W/24W/30W	22W/30W/38W
Lumens output	960LM/1360LM/1760LM	1360LM/1920LM/2400LM	1760LM/2400LM/3040LM
Efficiency	80LM/W	80LM/W	80LM/W
CRI	>90	>90	>90
Color Temperature	27/30/35/40/50K	27/30/35/40/50K	27/30/35/40/50K
Input voltage	120-277V/AC	120-277V/AC	120-277V/AC
Light distribution type	100D	100D	100D
Working temperature	-20+45°C	-20+45°C	-20+45°C
Junction temperature	<75°C	<75°C	<75°C
lamps efficiency	≥90%	≥90%	≥90%
Certificate	ENERGY STAR ETL cETL	ENERGY STAR ETL cETL	ENERGY STAR ETL cETL
Equivalent	24-60W MH/HPS	35-90W MH/HPS	44-114W MH/HPS

### OPTIONAL ACCESSORIES



Emergency Battery Backup Style  
LSED20W

#### Power Tunable

12W 17W 22W



6in

17W 24W 30W



8in

22W 30W 38W



10in

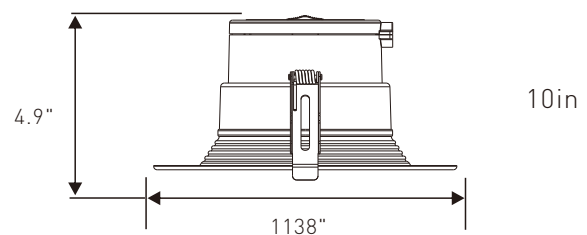
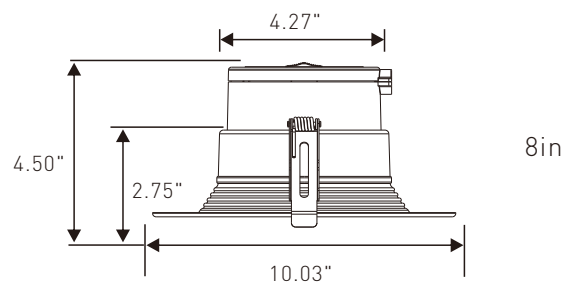
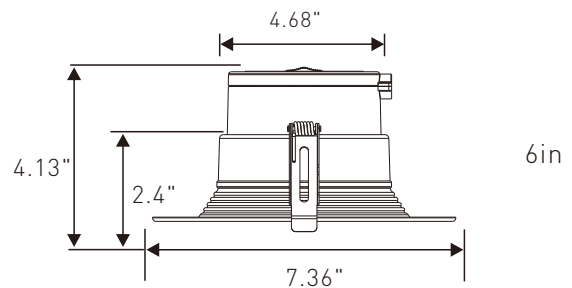
2700K 3000K 4000K 5000K



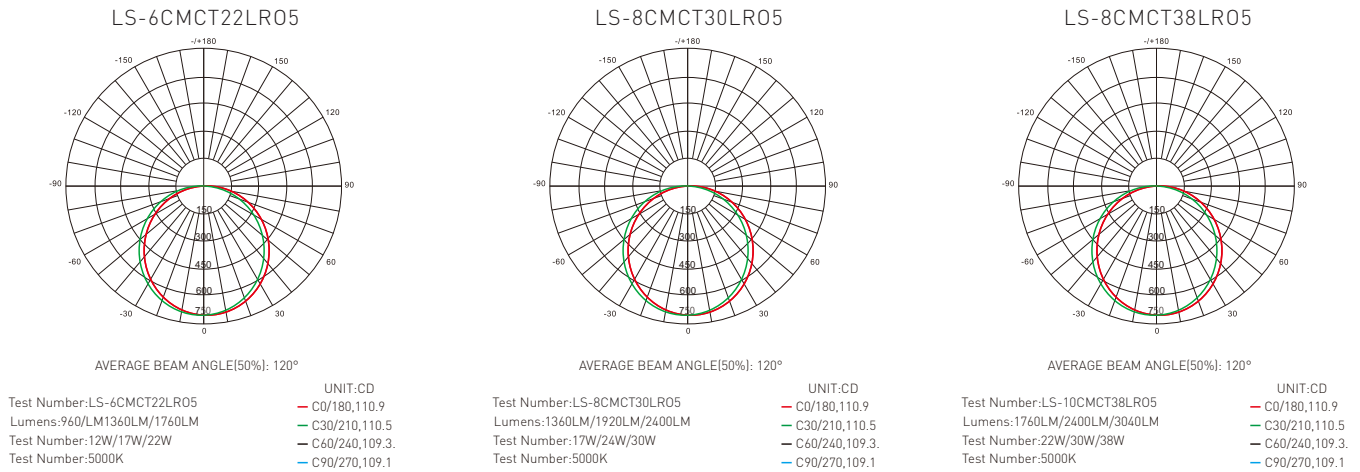
CCT

CCT tunable

### DIMENSION



## DISTRIBUTION DIAGRAM



## INSTALLATION INSTRUCTIONS

### WARNING

- Turn off electricity at main fuse box (or circuit breaker box) before beginning installation by removing fuse (or switching off circuit breaker).
- Be careful not to damage or cut the wire insulation (covering) during fixture installation. Do not permit power cord or housing to contact any surface having a sharp edge. To do so may damage or cut the wire insulation, which could cause serious injury or death from electric shock.
- This fixture requires 100-277V power input. The installer must confirm the input power at the source prior to installation.

1. Locate a suitable location for the fixture and cut a 6" (160mm) 8" (205mm) 10" (228mm) round hole where the LED Downlight (A) will be installed. Ensure this location has access to a junction box with electrical wire from the switch (power supply) and allows for clearance depth of 5.5 inches. A template is provided to assist in properly locating and cutting the hole.

2. Connect AC and dimming supply cables inside hardwire junction box (not included) in the following manner: black to black, white to white, pink to pink or grey, and purple to purple. Place all wiring connections back into the hardwire junction box and close the cover.

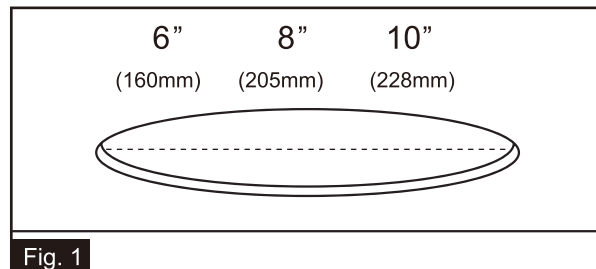


Fig. 1

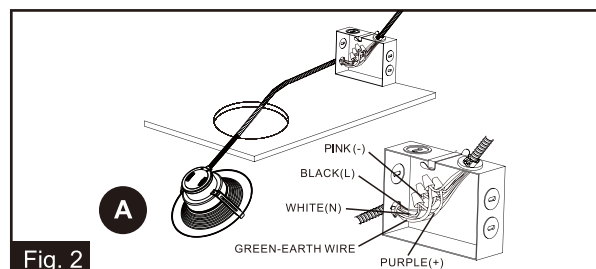


Fig. 2

3. Adjust the CCT (correlated color temperature) and Lumen/Power to the desired levels by using the switches on the back of the fixture.

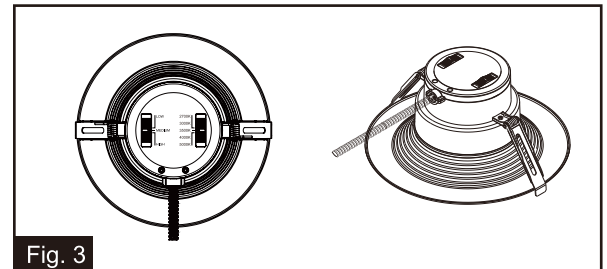


Fig. 3

4. Push the spring loaded clips on the LED Downlight (A) upwards and insert the base of the LED Ultra-Thin Downlight (A) into the mounting hole established in Step 1. Release the clips and the fixture will grip flush with the ceiling/drywall.

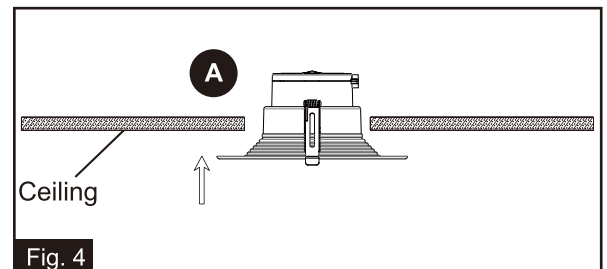


Fig. 4

5. Once assembly is complete, turn on power to confirm the fixture is working properly.

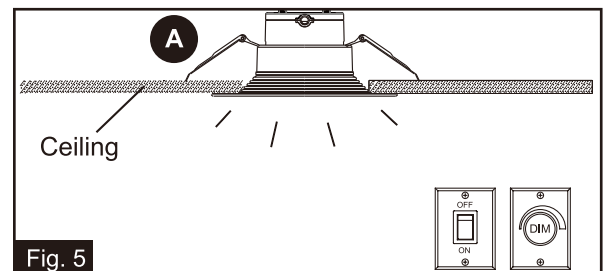


Fig. 5