



3Watts 5CCT Commercial Downlights



Date:_____ Location: _____

Product:_____ Project:_____

Quantity:_____ Catalog# _____

FEATURES

- 6 8 10" 3 Watts 5 CCT all in one. Replaces legacy CFL, HID or incandescent downlights
- Provides comfortable diffused light with no dark spots
- Dimmable from 100%- 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.

OPTICALSYSTEM:

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 application.

PERFORMANCE

Model NO	Tunable Wattage	Dimmable	Voltage/Current Input		Size	Light Efficiency	Tunable CCT
			120V(A)	277V(A)			
LS-6CMCT22LRO5	12W/17W/22W	0- 10 V	0.1/0.14/0.18	0.05/0.06/0.07	6inch	90-	27/30/35/40/50
LS-8CMCT30LRO5	17W/24W/30W	0- 10 V	0.14/0.2/0.25	0.06/0.08/0.1	8inch	100LM/W	K
LS-10CMCT38LRO5	22W/30W/38W	0- 10 V	0.18/0.25/0.31	0.07/0.1/0.13	10inch	90-	27/30/35/40/50
		10				100LM/W	K
		0-				90-	27/30/35/40/50
		10				100LM/W	K

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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

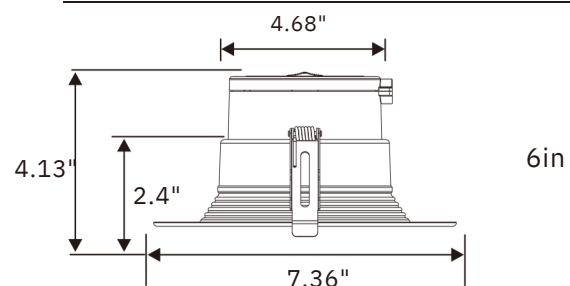
2700K 3000K 4000K 5000K



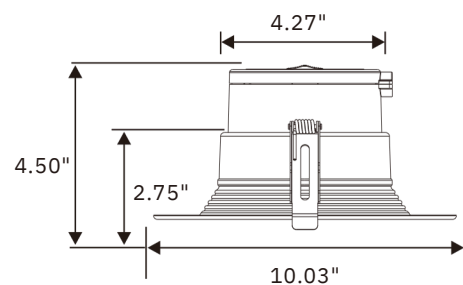
CCT

CCT tunable

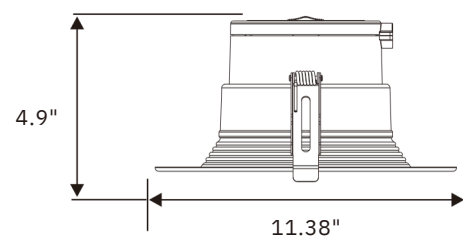
DIMENSION



6in

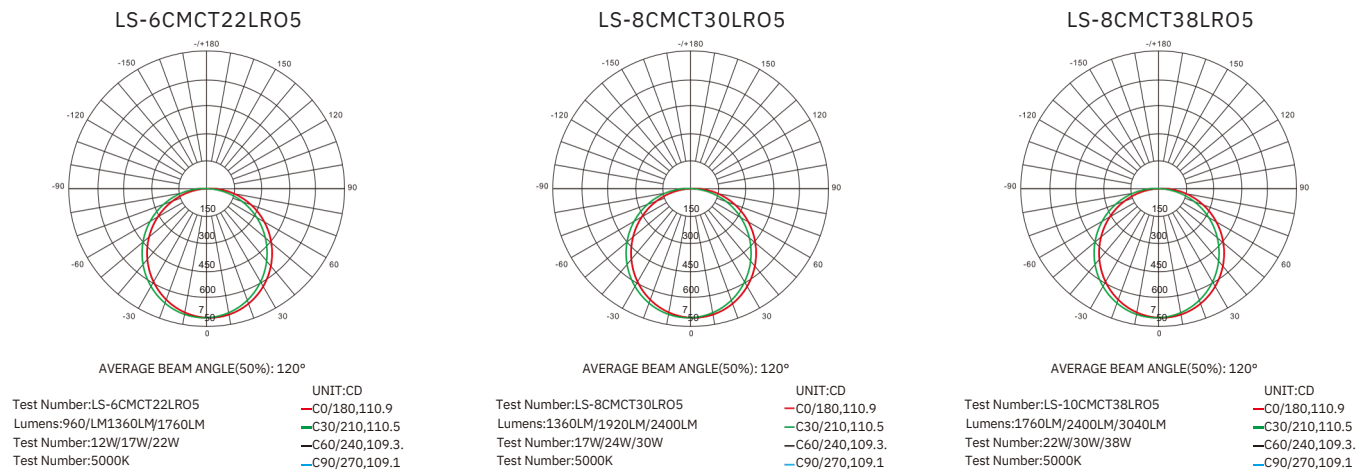


8in



10in

DISTRIBUTION DIAGRAM



INSTALLATION INSTRUCTIONS

WARNING

- Turn off electricity at main fuse box (or circuit breaker box) before begin 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 let 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 require 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.

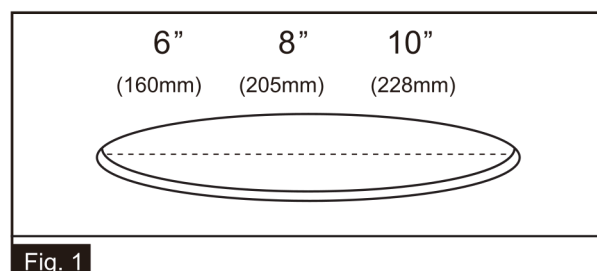


Fig. 1

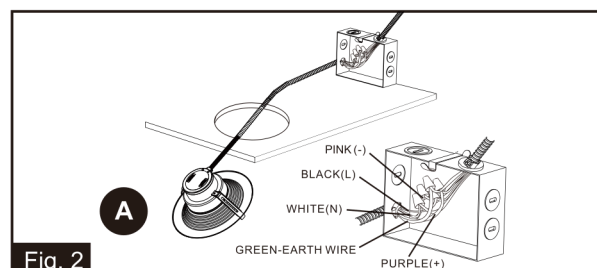


Fig. 2

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

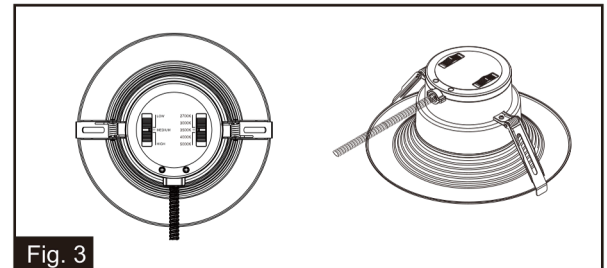


Fig. 3

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.

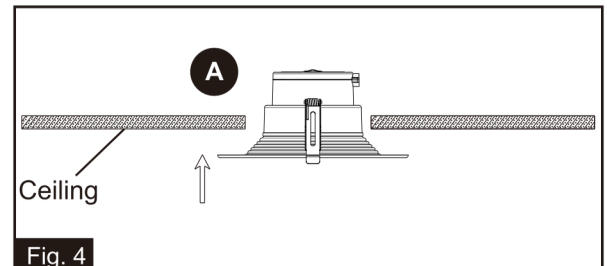


Fig. 4

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

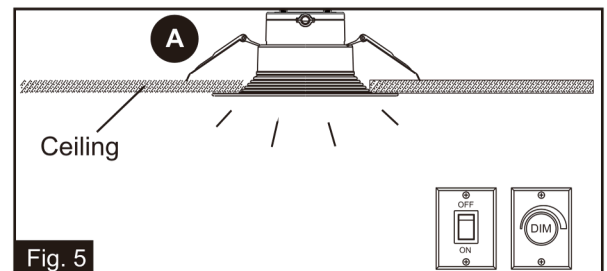


Fig. 5