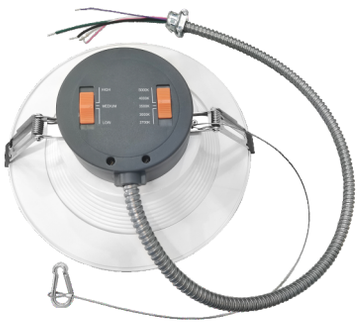
LEDSION

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.

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 application.

PERFORMANCE

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

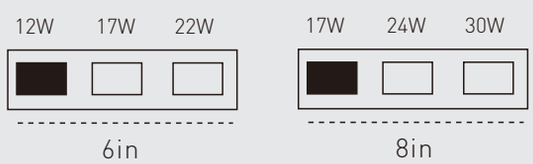
Specification/Model	LS-6CMCT22LRO5	LS-8CMCT30LRO5	LS-10CMCT38LRO5
LED Driver	UL Driver	UL Driver	UL Driver
Input power	12W/17W/22W	17W/24W/30W	22W/30W/38W
Lumens output	960LM/1360LM/1760LM	1360LM/1920LM/2400LM	1760LM/2400LM/3040LM
Efficiency	80LM/W	80LM/W	80LM/W
CRI	＞90	＞90	＞90
Color Temperature	27/30/35/40/50K	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℃	-20+45℃	-20+45℃
Junction temperature	＜75℃	＜75℃	＜75℃
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

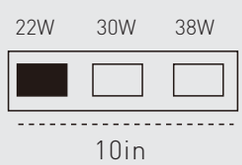
OPTIONAL ACCESSORIES

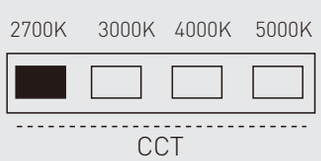


Emergency Battery Backup.
Style LSED20W

Power Tunable

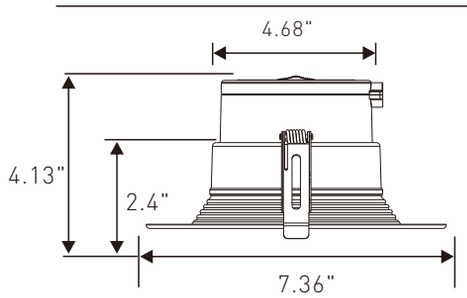




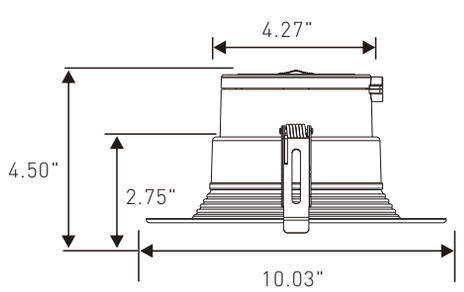


CCT tunable

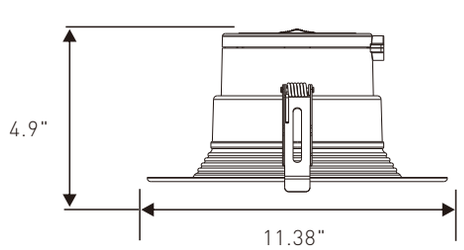
DIMENSION



6in



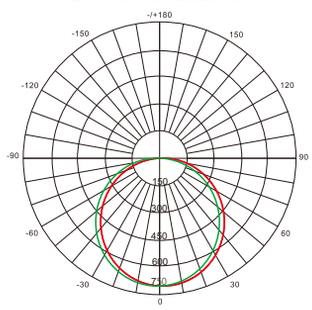
8in



10in

DISTRIBUTION DIAGRAM

LS-6CMCT22LRO5

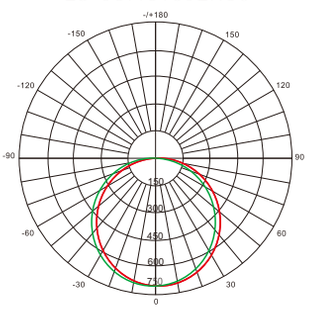


AVERAGE BEAM ANGLE(50%): 120°

Test Number:LS-6CMCT22LRO5
Lumens:960/LM1360LM/1760LM
Test Number:12W/17W/22W
Test Number:5000K

UNIT:CD
C0/180,110.9
C30/210,110.5
C60/240,109.3.
C90/270,109.1

LS-8CMCT30LRO5

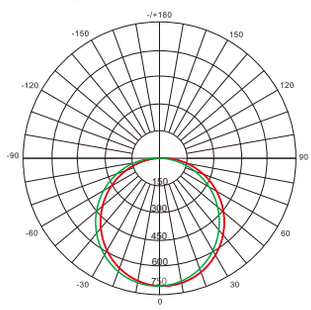


AVERAGE BEAM ANGLE(50%): 120°

Test Number:LS-8CMCT30LRO5
Lumens:1360LM/1920LM/2400LM
Test Number:17W/24W/30W
Test Number:5000K

UNIT:CD
C0/180,110.9
C30/210,110.5
C60/240,109.3.
C90/270,109.1

LS-8CMCT38LRO5



AVERAGE BEAM ANGLE(50%): 120°

Test Number:LS-10CMCT38LRO5
Lumens:1760LM/2400LM/3040LM
Test Number:22W/30W/38W
Test Number:5000K

UNIT:CD
C0/180,110.9
C30/210,110.5
C60/240,109.3.
C90/270,109.1

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 5.5inches.A template is provided to assist in properly locating and cutting the hole.

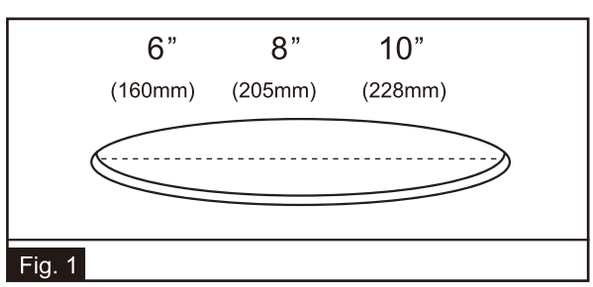


Fig. 1

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.

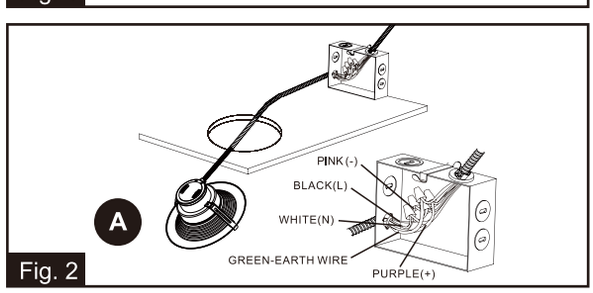
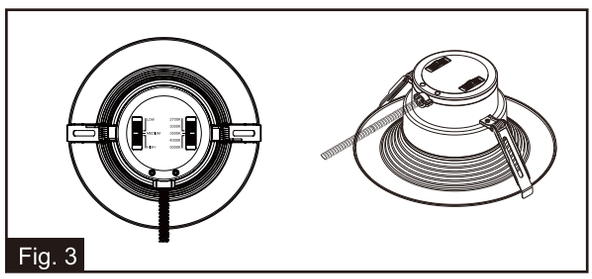


Fig. 2

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 theLED 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.

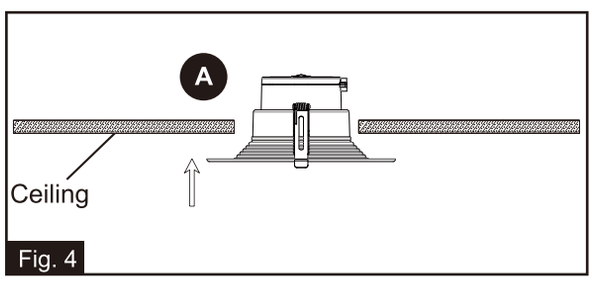


Fig. 4

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

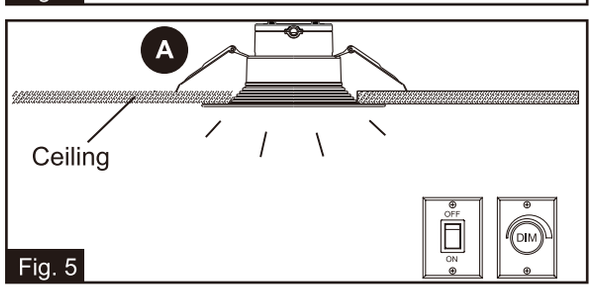


Fig. 5