4" 3Watts 5CCT commercial downlights

Date: ---------- Location: ----------

Product: ---------- Project: ----------

Quantity: ---------- Catalog# ----------



Selectable CCT
2700K, 3000K, 3500K, 4000K, 5000K





FEATURES

- 4in 3 Watts 5 CCT highest 1200lm.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.

OPTICALSYSTEM:

High transmission PC lense,100°beam angle

INSTALLATION&MOUNTING:

4" 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/CurrentInput		Size	Light Efficiency	Tunable CCT
			120V(A)	277V(A)			
LS-4CMCT12LR05	6W/9W/12W	0-10V	0.05-0.10	0.02-0.05	4inch	90-100LM/W	27/30/35/40/50K

LIGHTING

Electric Characteristic

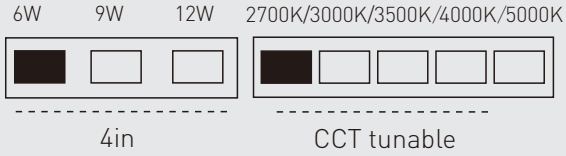
Specification/Model	LS-4CMCT12LR05
LED Driver	UL Driver
Input power	6W/9W/12W
Lumens output	600LM/900LM/1200LM
Efficiency	100LM/W
CRI	＞90
Color Temperature	27/30/35/40/50K
Input voltage	120-277V/AC
Light distribution type	100D
Working temperature	-20+45℃
Junction temperature	＜75℃
lamps efficiency	≥90%
Certificate	ENERGY STAR ETL cETL
Equivalent	24-60W MH/HPS

OPTIONAL ACCESSORIES

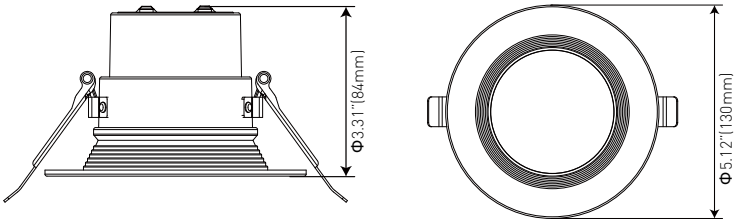


Emergency Battery Backup.Style LSED20W

Power Tunable

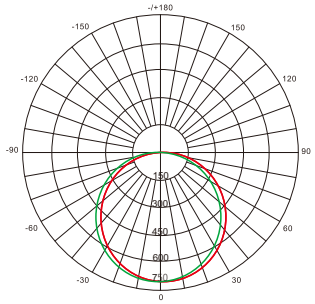


DIMENSION



DISTRIBUTION DIAGRAM

LS-4CMCT12LR05



AVERAGE BEAM ANGLE(50%): 120°

Test Number:LS-4CMCT12LR05
Lumens:600LM900LM/1200LM
Test Number:6W/9W/12W
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 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 permitpower cord or housing to contact any surface having a sharp edge. To do so may damage or cut the wireinsulation, 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 a4"(110mm)6" (160mm)8"(205mm) 10"(228mm)roundholewhere theLEDDownlight(A)willbeinstalled.Ensurethislocation hasaccesstoajunctionboxwithelectricalwirefromthe switch(powersupply)andallowsforclearancedepthof 5.5inches.Atemplateisprovidedtoassistinproperlylocating andcuttingthehole.

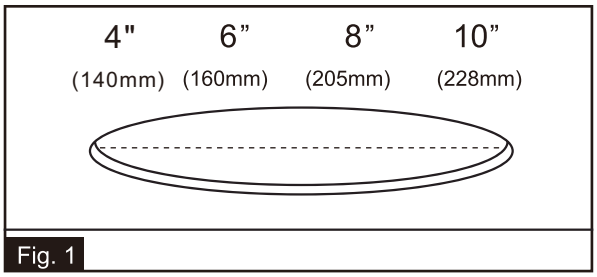


Fig. 1

2、Connect AC and dimming supply cables insidehardwire junction box (not included) in the followingmanner:blackto black,whitetowhite,pinktopinkorgrey,andpurpleto purple.Placeallwiringconnectionsbackintothehardwire junctionboxandclosethecover.

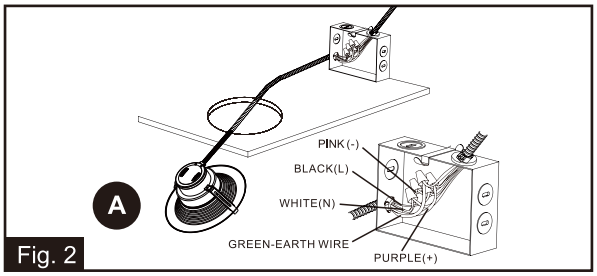
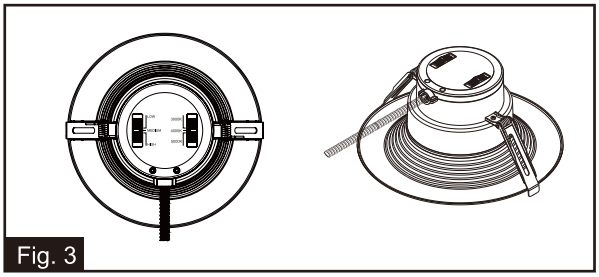


Fig. 2

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


Fig. 3

4、Push the spring loaded clips on the LEDDownlight (A)upwardsandinsertthebaseoftheLEDUltra-Thin Downlight(A)intothemountingholeestablishedin Step1.Releasetheclipsandthefixturewillgripflushwith theceiling/drywall.

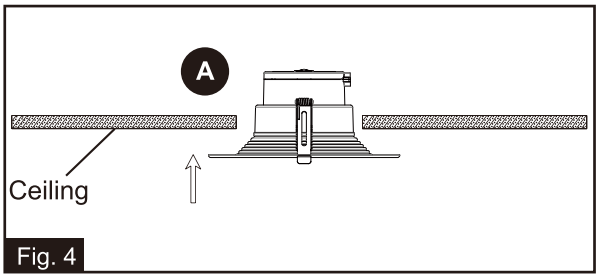


Fig. 4

5、Once assembly is complete, turn on power tcconfirm the fixtureis working properly.

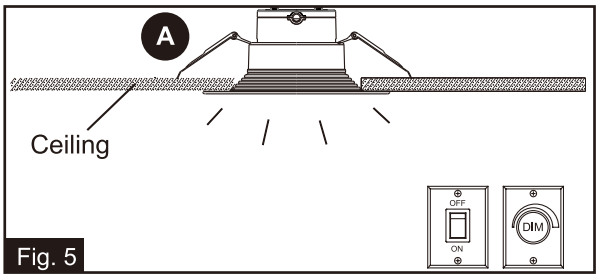


Fig. 5