



4" 3Watts 5CCT commercial downlights



Date: _____ Location: _____

Product: _____ Project: _____

Quantity: _____ Catalog# _____

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
- safetychain for secure installation onto existing ceilings

SUITABLE APPLICATIONS

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

CONSTRUCTION:

Alluminumhousing,Integrated trim with snap clips.

ELECTRICAL:

Availableas120-277Vinput. -20°C to 45°C.

OPTICALSYSTEM:

HightransmissionPCLense,100°beam angle

INSTALLATION&MOUNTING:

4"openholesize byflashmountingwithclipsfor easy installation.

WARRANTY:

5-yearlimitedwarranty. 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

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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°C
Junction temperature	<75°C
lamps efficiency	≥90%
Certificate	ENERGY STAR ETL cETL
Equivalent	24-60W MH/HPS

OPTIONAL ACCESSORIES



Emergency Battery Backup.Style
LSED20W

Power Tunable

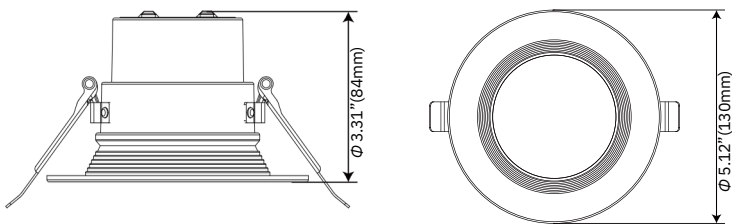
6W 9W 12W 2700K/3000K/3500K/4000K/5000K



4in

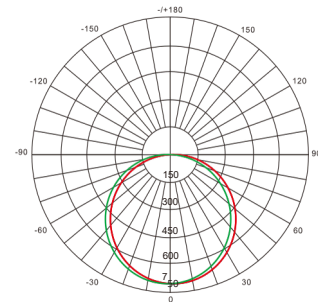
CCT tunable

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

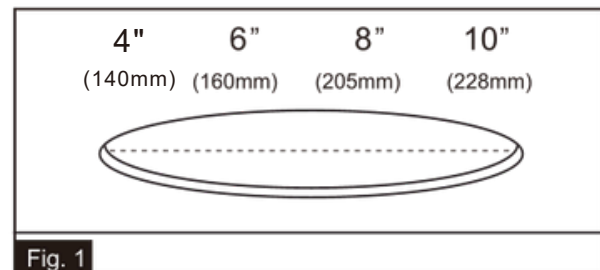
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INSTALLATION INSTRUCTIONS

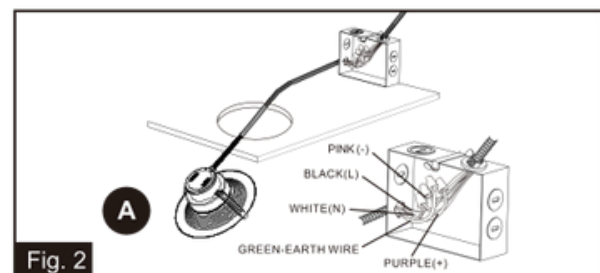
WARNING

- 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.

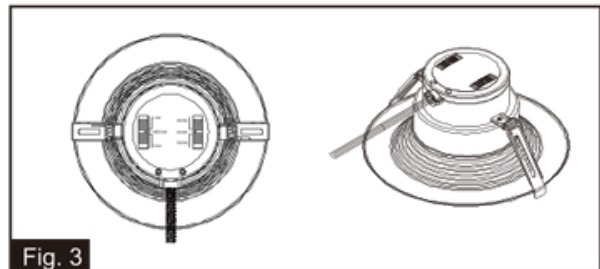
1. Locate a suitable location for the fixture and cut a 4" (110mm) 6" (160mm) 8" (205mm) 10" (228mm) round hole where the LED Downlight (A) will be installed. Ensure this location has access to a junction box with electrical wire from the switch (power supply) and allows for clearanced depth of 5.5 inches. A template is provided to assist in properly locating and cutting the hole.



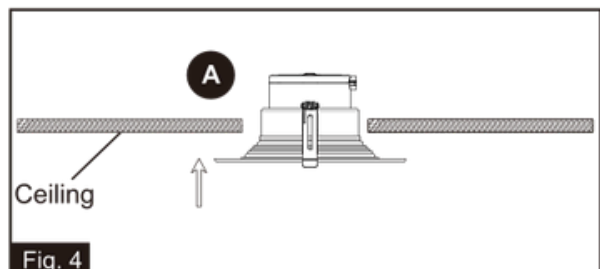
2. Connect AC and dimming supply cables inside hardwire junction box (not included) in the following manner: black to black, white to white, pink to pink or grey, and purple to purple. Place all wiring connections back into the hardwire junction box and close the cover.



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



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 / dry wall.



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

