



PLC RECESSED SLIM DOWNLIGHT

JL-4EB-PLC09-SRCT | JL-6EB-PLC12-SRCT

DESCRIPTION

4"/6" PLC Recessed Slim Downlight | Simple Installation | Type IC |
PLC Smart Switch(Matter)-Applicable



CONSTRUCTION

Durable solid frame, prefabricated paint with matte white finished. Slim profile design.

ELECTRICAL

Available as 108V-132V AC input.

PLC Smart Switch(Matter)-Applicable

Matter-Certified
Regardless of brand, all Matter-certified devices can work together. Matter devices can be controlled by most major smart home platforms.

Support Matter over Wi-Fi, seamlessly integrating with Alexa, Google Home, and Apple Home etc for effortless voice, app, and Schedules automated control.

Easy Control
Turn on/off,
Smooth Dimming(5%-100%),
Smooth Adjustable Color Temperature(2700K-6500K)
Three Scene Mode-Work mode/Leisure mode/Night light mode
(Can be changed indeed)

SIMPLE INSTALLATION

Connect the provided Junction Box to the light using male/female cable and use spring clip to fix it on the ceiling, hassle free, install in seconds.

APPLICATIONS

The lights apply widely in basements, Kitchens, Hallways, bedrooms, bathrooms and so on.

LISTING

ETL

FEATURES

Size	4"/6"
Wattage	4": 9W(5%-100% Smooth Adjustable)
Use PLC Smart Switch(Matter)	6": 12W(5%-100% Smooth Adjustable)
CCT	2700K-6500K(Smooth Adjustable)
Use PLC Smart Switch(Matter)	
Efficiency	82lm/W
Lumens	4": 738lm/ 6": 984lm
Beam Angle	120°
Input Voltage	108V-132V AC
Frequency Range	50/60Hz
CRI	80
PF	>0.9
THD	<=20%
Lifetime	50,000 hours
Operating Temperature	-4°F to 113°F (-20°C to 45°C)



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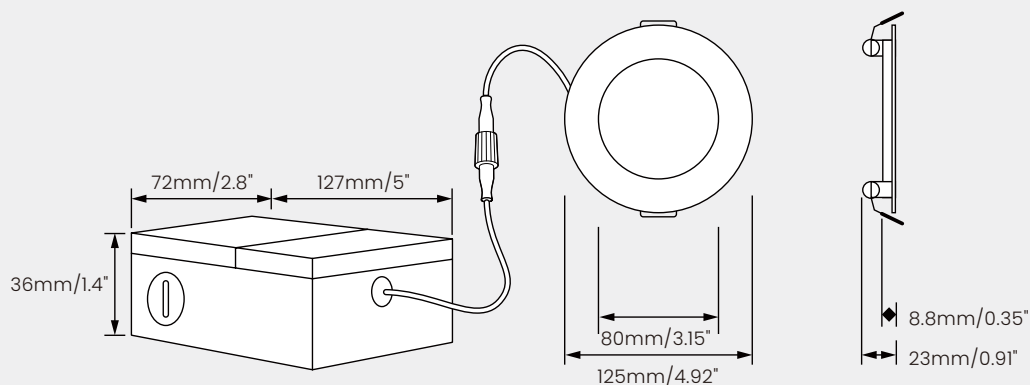
ORDERING INFORMATION

Model	Size	Wattage (With PLC Smart Switch)	Voltage	Lumens	Efficacy	CCT (With PLC Smart Switch)	CRI	Certifications
JL-4EB-PLC09-SRCT	4"	9W (5%-100% Smooth Adjustable)	108V-132V	738lm	82lm/W	2700K-6500K (Smooth Adjustable)	80	ETL
JL-6EB-PLC12-SRCT	6"	12W (5%-100% Smooth Adjustable)	108V-132V	984lm	82lm/W	2700K-6500K (Smooth Adjustable)	80	ETL

PHYSICAL SPECIFICATIONS

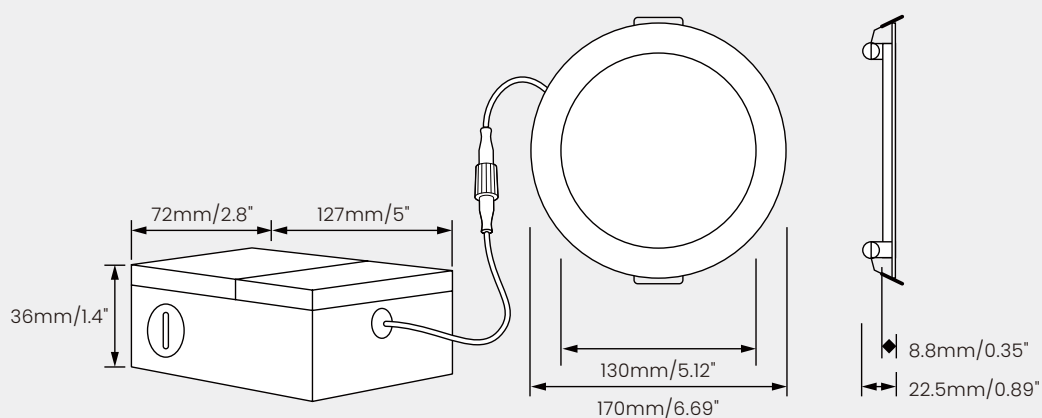
4"

Hole Cutout: 110mm/4.33"



6"

Hole Cutout: 160mm/6.3"



Dimensional tolerances: (+1.5mm, -1.0mm)



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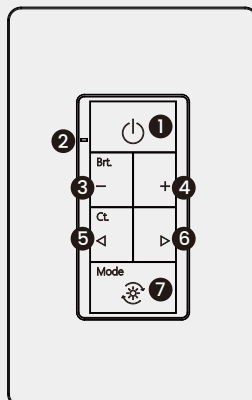
Used with PLC Smart Switch(Matter)



Regardless of brand, all Matter-certified devices can work together. Matter devices can be controlled by most major smart home platforms. Works with more smart home devices than any other smart lighting control brand



- ① **ON/OFF**
Press to toggle the light on and off.
- ② **Status LED**
Provides connectivity and device status feedback.
- ③ **Brt. - (Darker)**
Dim lights.
- ④ **Brt. + (Brighter)**
Brighten lights.
- ⑤ **Ct. < (Warm)**
Decrease CCT.
- ⑥ **Ct. > (White)**
Increase CCT.
- ⑦ **Mode**
With 3 scene modes adjustable.



Voice Control
(*Smart speaker - sold separately)



Remote App Control

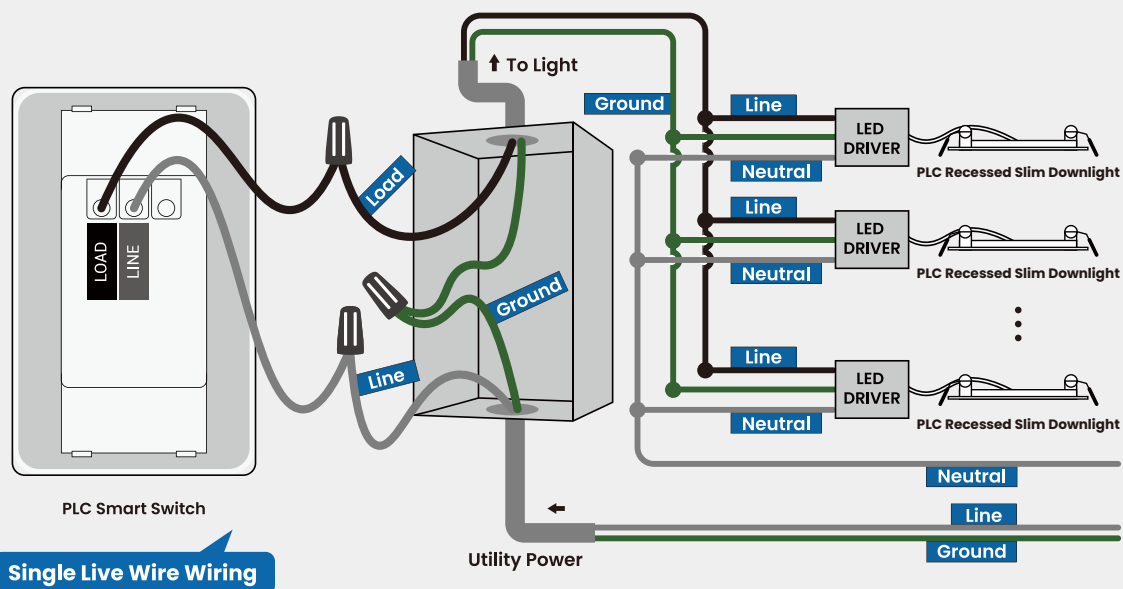


Scheduling & Timer



The PLC Recessed Slim Downlight must be paired with PLC Smart Switch(Matter), if not the Brightness, color temperature, and the smart control capabilities cannot be implemented.

Wire Diagram



MAX CONNECT TOTAL WATTAGE

	7z120-F361WTD1	7z120-F381WTD1
120-277Vac 50/60Hz	≤600W/5.1A	≤800W/6.8A



For safety standards, do not connect more than the rated power of the PLC Smart Switch(Matter).