



**PLT-20273,
PLT-20274 Color
Selectable Ultra
Thin LED
Downlight**



PLT SOLUTIONS PLT-20273, PLT-20274 Color Selectable Ultra Thin LED Downlight Owner's Manual

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PLT SOLUTIONS PLT-20273, PLT-20274 Color Selectable Ultra Thin LED Downlight



Specifications

- **Item #:** PLT-20273 (4-inch), PLT-20274 (6-inch)
- **Wattage:** 7W (4-inch), 12W (6-inch)
- **Color Temperature (CCT):** 2700K, 3000K, 3500K, 4000K, 5000K
- **Voltage:** 120V
- **Replaces:** 40W Incandescent (4-inch), 75W Incandescent (6-inch)
- **CRI:** >90
- **LED L70 Life Hours:** >50,000 hours
- **Dimmable:** Yes

Product Usage Instructions

Installation

Add these color-selectable ultra-thin LED downlights during new construction or renovation projects following these steps:

Turn off the power supply to the installation area.

1. Drill a hole according to the size of the downlight.
2. Connect the wiring to the downlight following the manufacturer's instructions.
3. Secure the downlight in place using the provided mounting hardware.
4. Turn on the power supply and test the downlight.

Dimmer Compatibility

Ensure compatibility with dimmer switches by referring to the Selectable Table for approved brands and models. Lumens and efficacy values for each CCT are also provided for reference.

Maintenance

To maintain optimal performance, clean the downlights regularly with a soft, dry cloth. Avoid using harsh chemicals that may damage the finish or components.

FAQ

- **Q: Are these downlights suitable for damp locations?**
 - **A:** Yes, these downlights are suitable for damp locations. However, it is recommended to check the specific product labeling for detailed information on usage in damp or wet environments.
- **Q: Can I use these downlights outdoors?**
 - **A:** No, these downlights are designed for indoor use only. Using them outdoors may result in damage to the product and pose safety hazards.

project name	type
catalog number	
comments	voltage
approved by	date

APPLICATIONS

- Offices
- Lobbies
- Conference Rooms
- Living Rooms
- Hallways
- Bathrooms
- Laundry Rooms

DESCRIPTION

Add downlights as part of new construction or renovation projects with this easy-to-install color-selectable ultra-thin LED downlights.

FEATURES

- Energy efficient replacement for 40W or 75W incandescent
- A high color rendering index (CRI) of 90 makes color appear more naturally
- Light output varies depending on the color temperature selected; see Selectable Table for more information.
- Comes with a remote junction box that allows for installation around obstructions
- IC Rated
- Dimmable; see Compatible Dimmer section for full list of dimmers
- Color temperature can be adjusted via a switch on the j-box; see installation instructions for more information

LISTINGS

ETL Listed for wet locations

- IC Rated
- IP44
- RoHS

PERFORMANCE

- **CRI:** >90
- **CCT:** 2700K, 3000K, 3500K, 4000K, and 5000K
- LED L70 Life Hours @ 25°C: >50,000 hours

ELECTRICAL

- **THD:** <30%
- **Power Factor:** >0.9
- **Input Voltage:** 120V
- **Surge Protection:** 0.5kV

THERMAL

- -4°F to 104°F (-20°C to 40°C) operating temperature

CONSTRUCTION

- ADC 12 aluminum body and trim, both with white finish
- Frosted PC lens

WARRANTY

- 5-year limited warranty; see pltsolutions.com for warranty details

PERFORMANCE	Power Consumption*	7, 12 Watt
	CRI	>90
	CCT*	2700K, 3000K, 3500K, 4000K, 5000K
	Beam Angle	110°
	LED L70 Life Hours @ 25°C	>50,000 hours
ELECTRICAL	Power Factor	>0.9
	Input Voltage	120V
CONSTRUCTION	Finish	White
	Lens	Frosted
LISTINGS	Certifications	ETL Listed; IC Rated
	Material Usage	RoHS – No mercury or lead
	Environment	Wet Location Rated

See the Selectable Table for full breakdown

PERFORMANCE SUMMARY

Item #	Size	Wattage	CCT*	Voltage	Replaces	CRI	LED L70 Life Hours	Dimmable
PLT-2027 3	4"	7	2700K/ 3000K/ 3500K/ 4000K/ 5000K	120V	40W Incan.	>90	>50,000 hours	Yes
PLT-2027 4	6"	12	2700K/ 3000K/ 3500K/ 4000K/ 5000K	120V	75W Incan.	>90	>50,000 hours	Yes

SELECTABLE TABLE

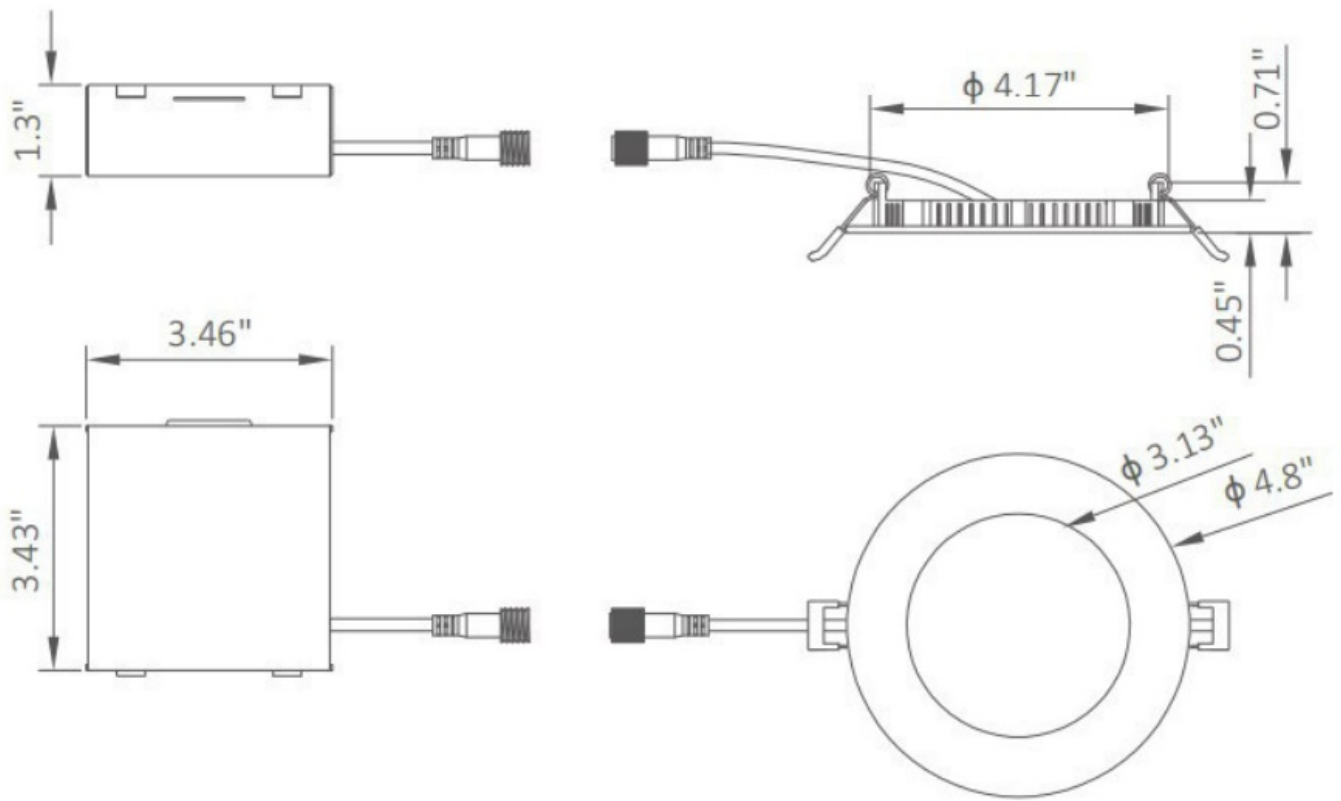
Wattage	CCT	Lumens	Efficacy
7	2700K	389	57
	3000K	402	60
	3500K	410	62
	4000K	408	61
	5000K	390	58
12	2700K	982	81
	3000K	1014	85
	3500K	1055	90
	4000K	1080	91
	5000K	1070	88

DIMMER COMPATIBILITY

Brand	Model #
Leviton	6674
Leviton	6633-P
Leviton	6613
Leviton	66EV
Leviton	DDE06
Lutron	DVCL-153P
Lutron	CTCL-153P
Lutron	MACL-153P
Lutron	SCL-153P
Lutron	SELV-303P
Lutron	DVSCSELV-300P

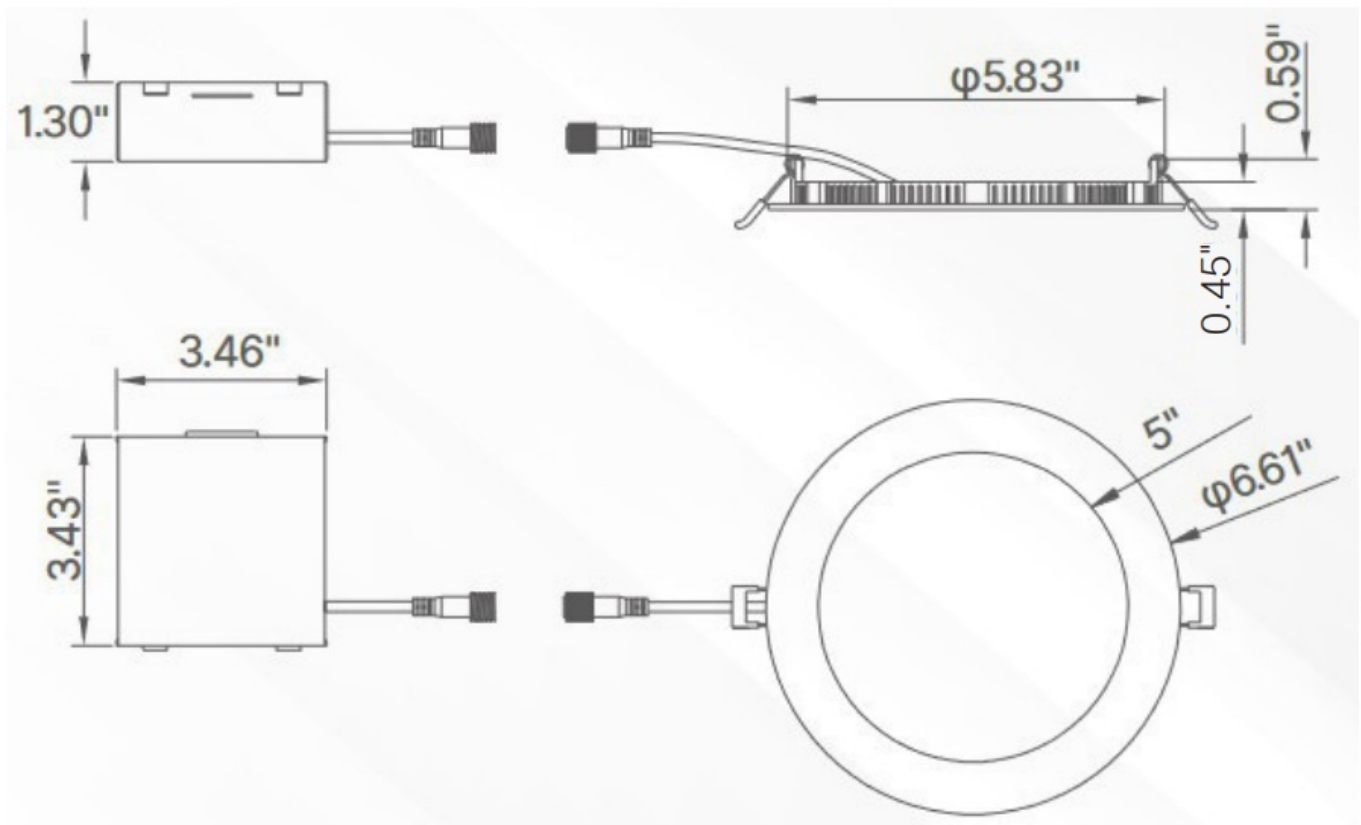
DIMENSIONS

7W DIMENSIONS:



- Outside Diameter – 4.25"
 - Inside Diameter – 2.6"
- Height – 0.67"
- Width (spring to spring) – 3.58"
- Cable Length (downlight half) – 3.94"
- Weight – 0.44 lbs
- Junction Box Length – 3.83"
- Junction Box Width – 2.36"
- Junction Box Height – 1.52"
- Combined Cable Length – 7.87"

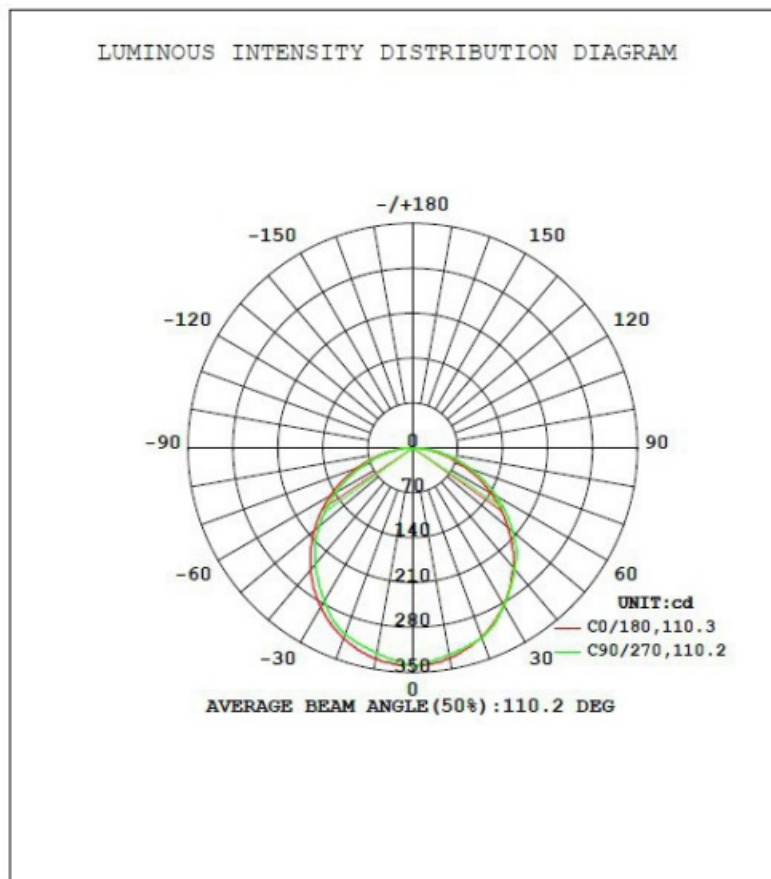
12W DIMENSIONS:



- Outside Diameter – 6.61"
- Inside Diameter – 5"
- Height – 0.83"
- Width (spring to spring) – 5.83"
- Cable Length (downlight half) – 3.94"
- Weight – 0.73 lbs
- Junction Box Length – 3.43"
- Junction Box Width – 3.46"
- Junction Box Height – 1.30"
- Combined Cable Length – 7.87"

PHOTO-METRICS

4000K



WARNINGS

- Only use this LED downlight with the dimmers listed in the compatibility list. Using this downlight with incompatible dimmers may cause performance issues including humming, buzzing, flickering, and poor dimming performance.
- Cutout size requirements: 3" – 3 7/8 "; 6" – 6 1/7 or 6.14"

CONTACTS

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PLTSOLUTIONS.COM

Documents / Resources



[PLT SOLUTIONS PLT-20273, PLT-20274 Color Selectable Ultra Thin LED Downlight](#) [pdf] Owner's Manual

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References

-  [PLT](#)
- [User Manual](#)

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