Manuals+ — User Manuals Simplified.

**PLT Series Color
Selectable LED
Downlight**

PLT SOLUTIONS PLT Series Color Selectable LED Downlight Owner's Manual

Contents

PLT SOLUTIONS PLT Series Color Selectable LED Downlight

Product Specifications

- Product: Color Selectable LED Downlight
- Features: 5 selectable color temperatures, driver box
- Listings: Wet Location Rated
- Performance Summary:
    - Item #: PLT-20269
    - UPC: 842821120754
    - Size: 3 inches
    - Wattage: 6W
    - CCT*: 2700K / 3000K / 3500K / 4000K / 5000K
    - Voltage: 120-277V
    - Replaces: 40W Incandescent
    - CRI: >90
    - Beam Angle: 54,000 hours
    - L70 Life: LED
    - Dimmable: Yes
    - Energy Star: Yes

Product Usage Instructions

- Turn off the power to the ceiling fixture before installation.

- Follow the provided installation instructions for proper mounting and wiring of the downlight.
- Ensure the downlight is securely fixed to the ceiling to prevent any accidents.
- Use the selectable table to choose from the available color temperatures.
- Adjust the color temperature according to your preference by following the provided guidelines.
- Verify dimmer compatibility with the listed brands before attempting to dim the LED downlight.
- Connect the downlight to a compatible dimmer switch for dimming functionality.

FAQ

- **Q:** Is the LED downlight suitable for wet locations?
- **A:** Yes, the LED downlight is Wet Location Rated, making it safe for use in areas exposed to moisture.
- **Q:** Can I replace my existing incandescent light with this LED downlight?
- **A:** Yes, the LED downlight is designed to replace higher-wattage incandescent bulbs while providing energy-efficient lighting.
- **Q:** How do I know which color temperature to select?
- **A:** Refer to the provided CCT* specifications and choose a color temperature based on your lighting preferences and needs.

DESCRIPTION

- Easily add versatile lighting to your ceilings by installing these color-selectable LED downlights featuring 5 selectable color temperatures.

FEATURES

- Energy efficient replacement for 40W, 60W, 75W, and 120W incandescents
- High color rendering index (CRI) of 90 makes colors appear more naturally
- Light output varies depending on the color temperature selected; see Selectable Table for more information.
- IC Rated
- 0-10V dimming; see Compatible Dimmers section for a full list of compatible dimmers
- Color temperature can be adjusted via a switch inside of the driver box; see installation instructions for more information

LISTINGS

- ETL Listed for wet locations
- Energy Star
- IC Rated
- RoHS

PERFORMANCE

- CRI: >90
- CCT: 2700K, 3000K, 35000K, 4000K, and 5000K

- LED L70 Life Hours @ 25°C: 54,000 hours

THERMAL

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

ELECTRICAL

- THD: <15
- Power Factor: ≥0.9
- Input Voltage: 120-277V
- Surge Protection: 0.5-1k

CONSTRUCTION

- Aluminum body with trim, both with white finish
- Frosted PMMA lens

WARRANTY

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

project name	type
catalog number	
comments	voltage
approved by	date

APPLICATIONS

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

PERFORMANCE	**Power Consumption***	10, 15 Watt
	CRI	>90
	CCT*	2700K, 3000K, 3500K, 4000K, 5000K
	Beam Angle	90°, 95°
	LED L70 Life Hours	54,000
ELECTRICAL	**Power Factor**	>0.9
	THD	120-277V
	Input Voltage	White
CONSTRUCTION	**Housing**	Frosted
	Lens	ETL Listed; IC Rated
LISTINGS	**Certifications**	RoHS – No mercury or lead
	Environment	Wet Location Rated

PERFORMANCE SUMMARY

Item #	UPC	Size	Wattage*	CCT*	Voltage	Replaces	CRI	Beam Angle	LED L70 Life Hours	Dimmable	Energy Star
PLT-2 0269	842821 120754	3"	6	2700K / 3000 K / 3500K 4000K / 5000 K	120-2 77V	40W Incan.	>90	90°	54,000	Yes	PLTSB H9551
PLT-2 0270	842821 120761	4"	10	2700K / 3000K / 3500 K / 4000K / 5000 K	120-2 77V	60W Incan.	>90	95°	54,000	Yes	PLTSBF 1551
PLT-2 0271	842821 120778	6"	15	2700K / 3000 K / 3500K 4000K / 5000 K	120-2 77V	80W Incan.	>90	95°	54,000	Yes	PLTSB D2551
PLT-2 0272	842821 120785	8"	25	2700K / 3000 K / 3500K 4000K / 5000 K	120-2 77V	120W Inca.	>90	95°	54,000	Yes	PLTSBL C551

See the Selectable Table for a full breakdown

SELECTABLE TABLE

Wattage	CCT	Lumen	Efficacy
6	2700K	400	67
	3000K	450	75
	3500K	460	77
	4000K	460	77
	5000K	450	75
10	2700K	850	73
	3000K	900	80
	3500K	980	87
	4000K	980	87
	5000K	900	80
15	2700K	1100	73
	3000K	1200	80
	3500K	1300	87
	4000K	1300	87
	5000K	1200	80
25	2700K	1800	72
	3000K	2000	80
	3500K	2100	84
	4000K	2100	84
	5000K	2100	84

DIMMER COMPATIBILITY

Brand	Model
LEGRAND	RH4FBL3PTCCCV6
LEGRAND	RH4FBL3PTC
LUTRON	DVSTV-WH
LUTRON	DVSTV-36WH29
LUTRON	MS-Z101
LUTRON	RMJS-8TN-DV-B
LEVITON	IP710-LFZ

DIMENSIONS

3" DOWNLIGHT

- Outside Diameter – 3.3″
- Inside Diameter – 2.05″
- Height – 1.7
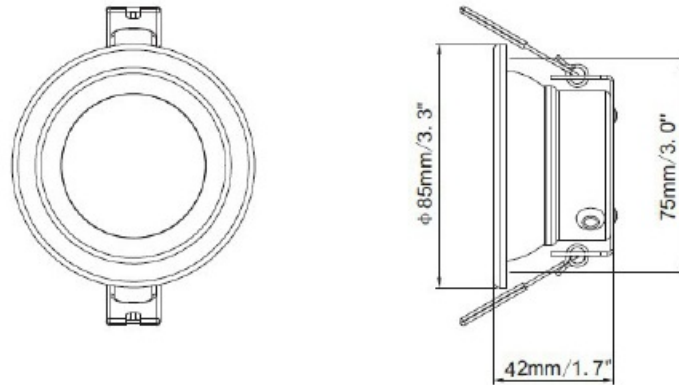
6" DOWNLIGHT

- Outside Diameter – 7.36″
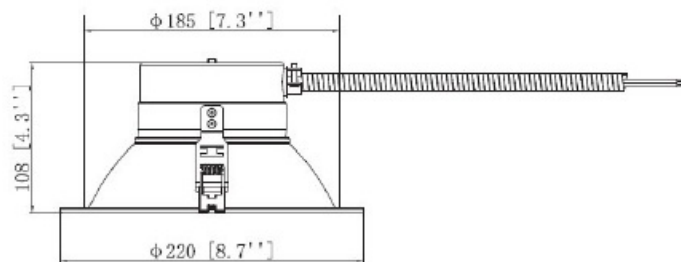- Inside Diameter – 3.41″
- Height – 2.17″
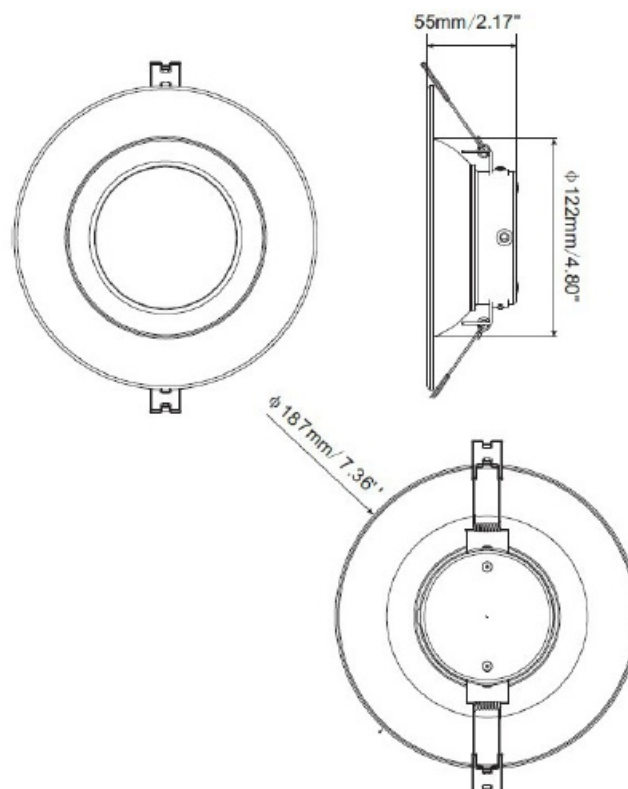
4" DOWNLIGHT

- Outside Diameter – 5.04″

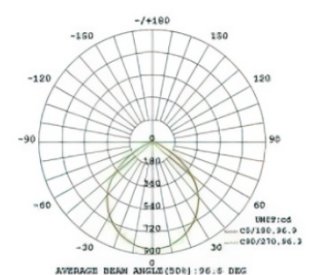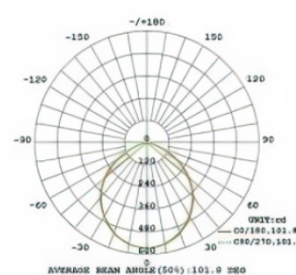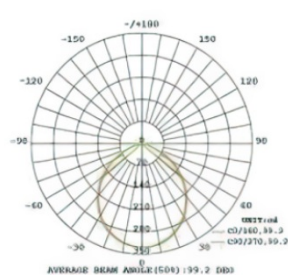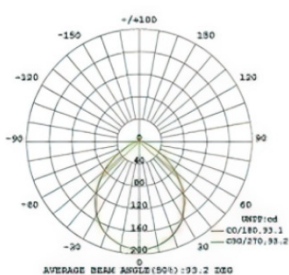- Inside Diameter – 3.41″
- Height – 1.9″
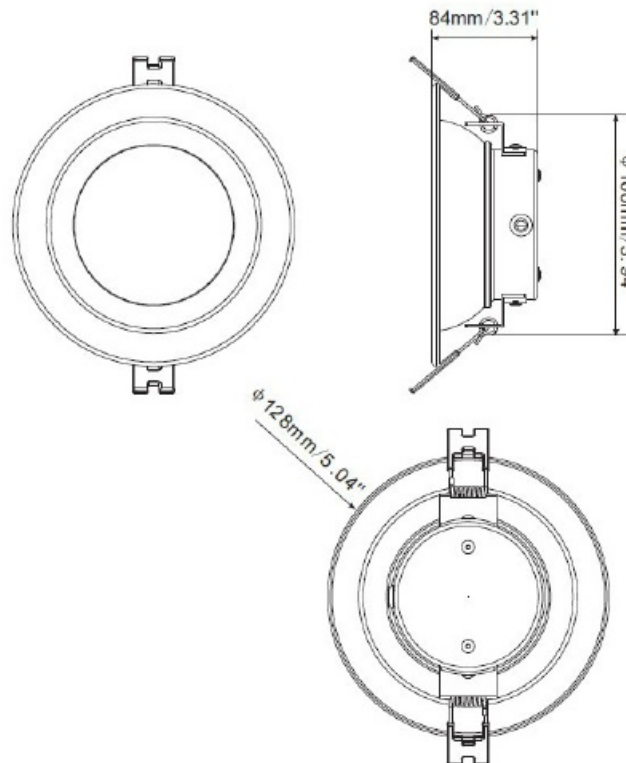
8" DOWNLIGHT

- Outside Diameter – 8.66″
- Inside Diameter – 4.31″
- Height – 3.15″

PHOTOMETRICS

3" DOWNLIGHT   4" DOWNLIGHT   6" DOWNLIGHT   8" DOWNLIGHT

WARNINGS: Cutout size requirements: 3" – 3.13"; 4" – 4.65"; 6" – 5.5"; 8" – 7.28"

CONTACT

- **972-535-0926**
- **PLTSOLUTIONS.COM**
- ver 030424

Documents / Resources

PLT SOLUTIONS PLT Series Color Selectable LED Downlight [pdf] Owner's Manual PLT-20269, PLT-20270, PLT-20271, PLT-20272, PLT Series Color Selectable LED Downlight, PLT Series, Color Selectable LED Downlight, Selectable LED Downlight, LED Downlight, Downlight

References

- **PLT**
- **User Manual**