Manuals+ — User Manuals Simplified.

-90350 Color and Wattage Selectable LED Panel with Emergency Backup

PLT-90350 Color and Wattage Selectable LED Panel with Emergency Backup Owner's Manual

Contents

PLT-90350 Color and Wattage Selectable LED Panel with Emergency Backup

Specifications

- Product: Color and Wattage Selectable LED Panel Fixture with Emergency Backup
- Performance Summary:
    - Size: 2×2 or 2×4
    - Wattage: 25W, 30W, 40W, 50W
    - CCT (Correlated Color Temperature): 3500K, 4000K, 5000K
    - CRI (Color Rendering Index): 80
    - Dimming: 0-10V
    - Voltage: 120-277V
    - Emergency Operation: Yes
    - Recharge Time: 90 minutes
    - Emergency Output Lumens: 1000 to 1500
    - Replaces: 2 or 3 Lamp Fluorescent
- DLC #: PLTM521511 for 40W, 5000K | PLTM532511 for 50W, 5000K
- DLC Level: 5.1 Standard

Product Usage Instructions

Selectable Table
Choose the desired wattage and CCT from the selectable table based on your requirements.

Dimensions

- **2×2 Dimensions:**
- Length: 23.7″
- Height: 1.5″
- Width: 23.74″
- Weight: 6.88 lbs
- **2×4 Dimensions:**
- Length: 47.8″
- Height: 1.5″
- Width: 23.74″

- Weight: 10.32 lbs

Frequently Asked Questions (FAQ)

- **Q: How do I select the wattage and color temperature for the LED panel fixture?**

  A: Refer to the Selectable Table to choose the desired wattage and CCT settings.

- **Q: What is the emergency backup feature in the LED panel fixture?**

  A: The fixture comes with built-in emergency backup to provide light during power failures for up to 90 minutes.

- **Q: What is the DLC Level mentioned in the specifications?**

  A: The DLC Level is 5.1 Standard, indicating the product meets specific energy efficiency and performance criteria.

COLOR AND WATTAGE SELECTABLE LED PANEL FIXTURE WITH EMERGENCY BACKUP

DESCRIPTION
Create a modern look in your space by installing these color and wattage selectable LED panels. These fixtures come with a built-in emergency backup, ensuring you have light in the event of a power failure.

FEATURES

- Efficiently replaces up to a 3 lamp fluorescent fixture
- Built-in emergency backup operates fixtures for at least 90 minutes in the event of a power failure; recharges in 24 hours
- Red test switch located on the frame
- 0-10V dimming
- Light output varies depending on wattage and color temperature selected; see Selectable Table for full breakdown
- Wattage and color temperature is selectable via switches on the driver box; see installation instruction for more information

LISTINGS

- UL rated for damp locations
- IC Rated
- FCC
- DesignLights Consortium® 5.1 Standard – meets the requirements for the highest DLC qualification for efficacy and lumen maintenance

PERFORMANCE• CRI: 80

- CCT: 3500K, 4000K, and 5000K
- LED L70 Life Hours @ 70°C: >100,000 hours

EMERGENCY OPERATION

- Operation: 90 minutes
- Charging Time: 24 Hours
- Input Voltage: 100-277V
- Output Power: 8W
- Output Lumens: 1000 to 1500

THERMAL
-4°F to 122°F (-20°C to 50°C) operating temperature

ELECTRICAL

- THD: <20%
- Power Factor: >0.9
- Input Voltage: 120-277V
- Dimmable power supply (0-10V)
- Surge Protection: 2kV

INSTALLATION

- Designed for recessed installation in a T-grid ceiling; see installation instructions for more information

CONSTRUCTION

- Stamped sheet metal housing with white powder coat finish
- Frosted PS lens protects LEDs while evenly distributing light

project name	type
catalog number	
comments	voltage
approved by	date
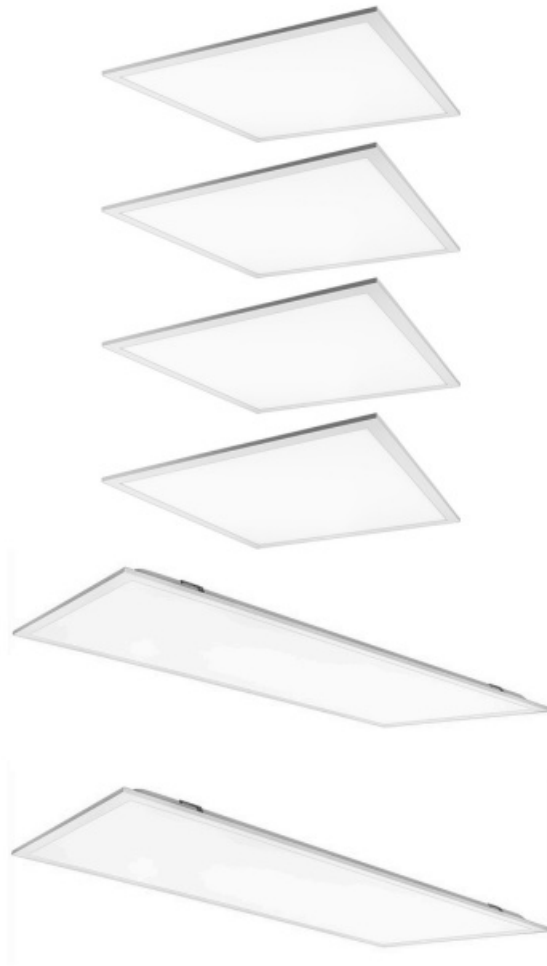
WARRANTY

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

APPLICATIONS

- Conference Rooms
- Retail
- Offices
- Hospitality
- Healthcare
- Schools
- Reception Areas
- Corridors
- Foyer

PERFORMANCE SUMMARY

Item #	Size	Watts*	CCT*	CRI	Dimming	Voltage	Emergency Operation	Recharge Time	Emergency Output Lumens	Replaces	Default Settings	DLC #	DLC Level
PLT-90350	2×2	25/ 30/ 40	3500K/ 4000K/ 5000K	80	0-10V	120-277V	90 minutes	24 Hours	1000 to 1500	2 or 3 Lamp Fluorescent	40W, 5000K	PLTM521511	5.1 Standard
PLT-90351	2×4	30/ 40/ 50	3500K/ 4000K/ 5000K	80	0-10V	120-277V	90 minutes	24 Hours	1000 to 1500	3 Lamp Fluorescent	50W, 5000K	PLTM532511	5.1 Standard

SELECTABLE TABLE

Item #	Wattage	CCT	Lumens	Efficacy
PLT-90350	25	3500K	3208	128
		4000K	3386	135
		5000K	3253	130
	30	3500K	3862	128
		4000K	4124	137
		5000K	3818	130
	55	3500K	4832	120
		4000K	5222	130
		5000K	4882	122
PLT-90351	30	3500K	3943	131
		4000K	4029	134
		5000K	3938	131
	40	3500K	4930	123
		4000K	5230	130
		5000K	5055	126
	50	3500K	5793	115
		4000K	6194	123
		5000K	5935	118

DIMENSIONS

2X2 DIMENSIONS

- Length: 23.7″
- Height: 1.5″
- Width: 23.74″
- Weight: 6.88 lbs

23.74"

23.74"

1.5"
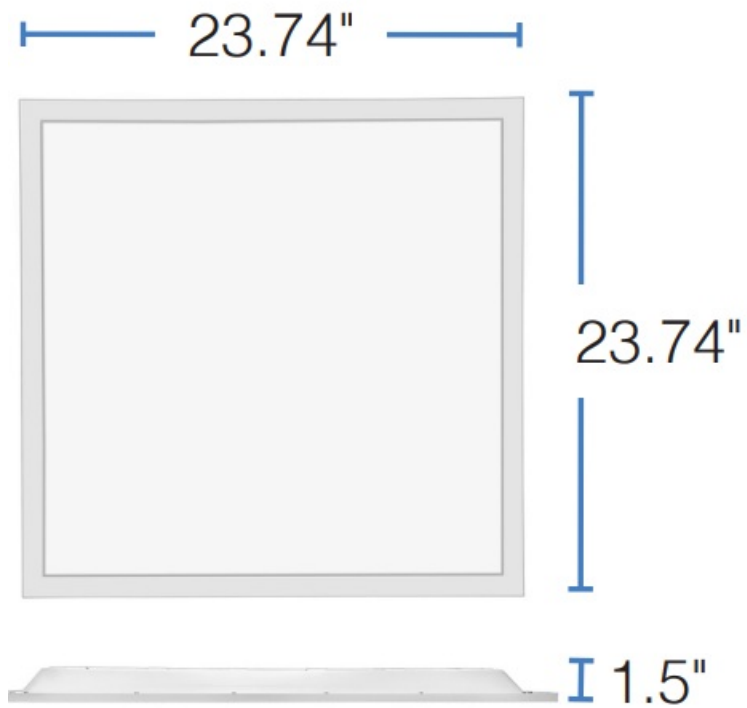
2X4 DIMENSIONS

- Length: 47.8″
- Height: 1.5″
- Width: 23.74″
- Weight: 10.32 lbs

47.8"

23.74"

1.5"
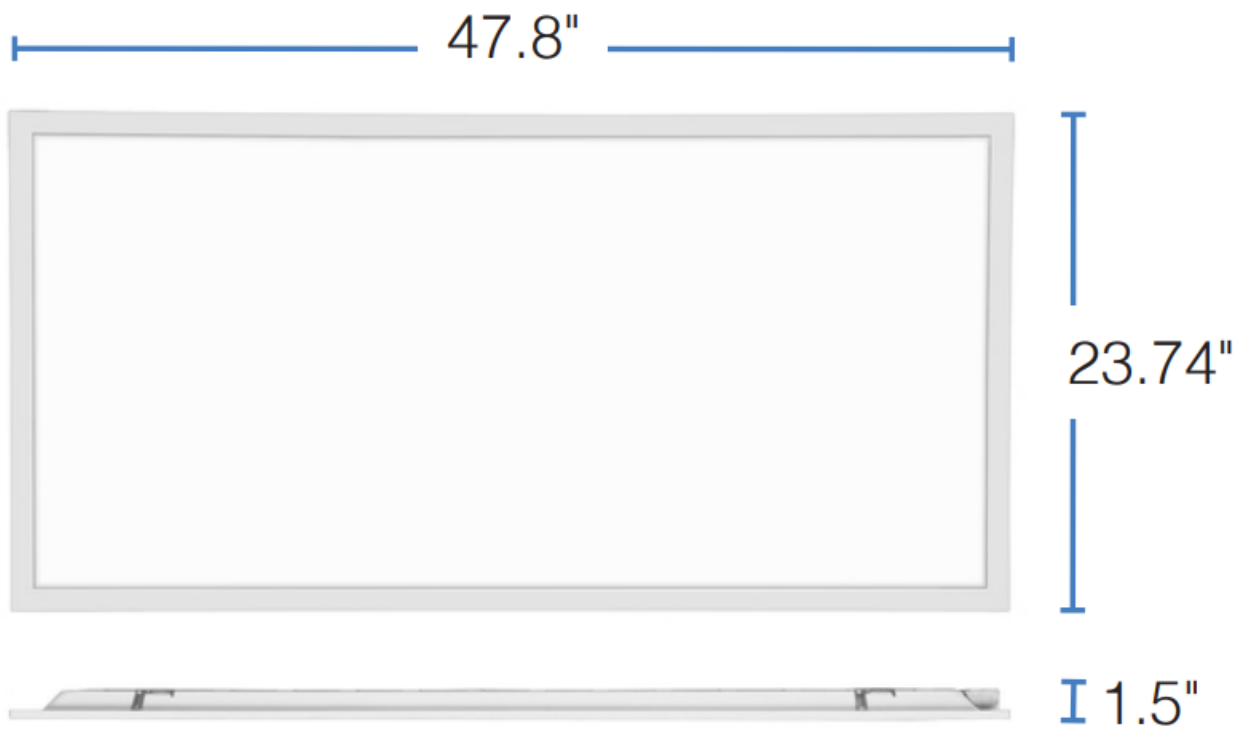
PHOTOMETRICS

2X2

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

```
                    -/+180
          -150                  150

    -120                              120


  -90              0                    90

                  400

                  800
    -60                              60
                 1200
                                  UNIT:cd
                 1600      ──  C0/180,114.1
                           ──  C90/270,113.5
      -30      2000      30
                  0
        AVERAGE BEAM ANGLE(50%):113.8 DEG
```

2X4

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

UNIT:cd
C0/180,113.5
C90/270,114.5

AVERAGE BEAM ANGLE(50%):114.0 DEG
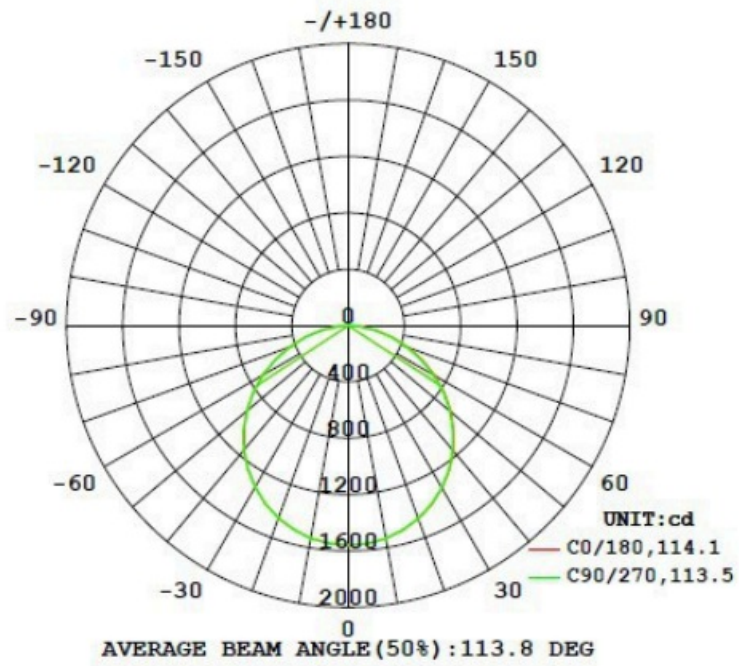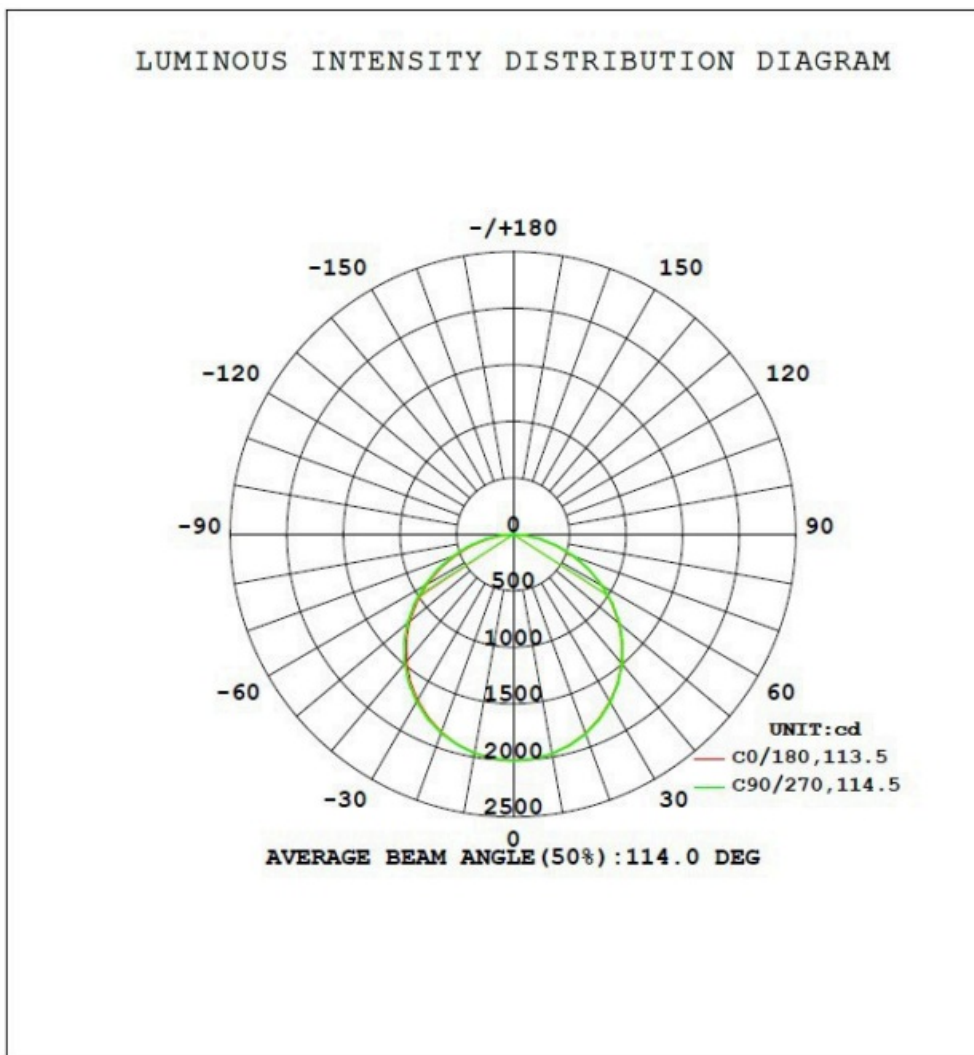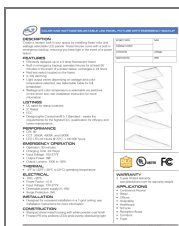
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Documents / Resources

PLT PLT-90350 Color and Wattage Selectable LED Panel with Emergency Backup [pdf] Owner's Manual
PLT-90350, PLT-90351, PLT-90350 Color and Wattage Selectable LED Panel with Emergency Backup, PLT-90350, Color and Wattage Selectable LED Panel with Emergency Backup, Selectable LED Panel with Emergency Backup, LED Panel with Emergency Backup, with Emergency Backup, Emergency Backup, Backup

References

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