



LED SURFACE MOUNT DOWNLIGHT

DESCRIPTION

Easily add downlights to your ceilings by installing these 6-inch LED surface mount downlights.

FEATURES

- Energy efficient replacement for 100W incandescents
- Comes with wire nuts (3) and screws (4)
- Dimmable; see Compatible Dimmers section for full list of dimmers

LISTINGS

- UL Listed for wet locations
- FCC
- RoHS

PERFORMANCE

- CRI: 80
- CCT: 3000K, 4000K, and 5000K
- LED L70 Life Hours: 56,000 hours

ELECTRICAL

- Power Factor: 0.7
- Input Voltage: 120V
- Surge Protection: 2.5kV Ring-wave

THERMAL

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

INSTALLATION

- Designed for installation to standard j-boxes (mounting hardware included); see installation instructions for more details

CONSTRUCTION

- Aluminum body with plastic trim, both with white finish
- Polycarbonate 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 | 15 Watt |
| | Lumens | 1050 |
| | Efficacy (LPW) | 70 |
| | CRI | 80 |
| | CCT | 3000K, 4000K, 5000K |
| | Beam Angle | 106° |
| | LED L70 Life Hours | 56,000 |
| ELECTRICAL | Power Factor | 0.7 |
| | Input Voltage | 120V |
| CONSTRUCTION | Finish | White |
| | Lens | Frosted |
| LISTINGS | Certifications | UL Listed, FCC |
| | Material Usage | RoHS – No mercury or lead |
| | Environment | Wet Location Rated |

PERFORMANCE SUMMARY

| Item # | Lumens | Wattage | LPW | Voltage | Replaces | CCT | CRI | LED L70 Life Hours | Dimmable |
|-----------|--------|---------|-----|---------|-------------|-------|-----|--------------------|----------|
| PLT-12415 | 1050 | 15 | 70 | 120V | 100W Incan. | 3000K | 80 | 56,000 | Yes |
| PLT-12416 | 1050 | 15 | 70 | 120V | 100W Incan. | 4000K | 80 | 56,000 | Yes |
| PLT-12417 | 1050 | 15 | 70 | 120V | 100W Incan. | 5000K | 80 | 56,000 | Yes |

COMPATIBLE DIMMERS

| Brand | Model # |
|----------|----------------|
| Lutron | MAELV-600-WH |
| Lutron | DVCL-153PR-WH |
| Lutron | CTCL-153PDH-WH |
| OLEGRAND | RHCL453PW |

DIMENSIONS



4" DIMENSIONS:

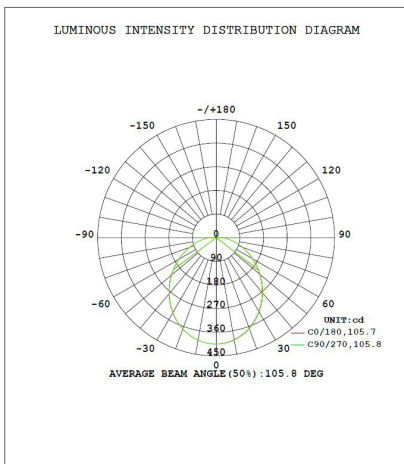
Outside Diameter: 7.2"

Inside Diameter: 5.25"

Height: 1.04"

Weight: 0.39 lbs

PHOTOMETRICS



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.