

# 6" 120/277/347V Ultra Slim LED Round Panel Light with 5-CCT Switch



These unique 6" ultra slim panel light designed for quick and easy installation without a housing for both new construction and remodel applications, gives you the options you are looking for in one fixture. The manual switch allows you to choose between 2700K, 3000K, 3500K, 4000K or 5000K. This IC-rated fixture can be installed indoor or outdoors.

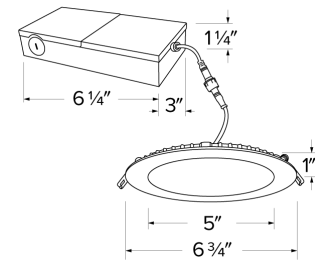
## Features

- IC Airtight for use with direct contact to insulation.
- Designed to fit in plenums as shallow as 2".
- Eliminates the need for housing.
- New Construction application requires mounting plate or frame.
- Remodel applications require no additional accessories.
- Wet Location allows for use indoors or outdoors.
- CA Title 24 and ENERGY STAR Compliant.
- Includes driver and Jbox.

## Specifications

<b>Wattage</b>	15W
<b>Lumens</b>	950 lm
<b>Voltage</b>	120/277/347V
<b>Color Temp.</b>	2700K, 3000K, 3500K, 4000K, 5000K
<b>Dimmable</b>	Triac/ELV/0-10V
<b>Lamp Type</b>	LED
<b>CRI</b>	90+
<b>Wet Location</b>	Listed

## Dimensions



## Technical Details

**Optics:** Polycarbonate lens diffuses light evenly throughout space with no LED pixelation.

**Construction:** IC rated driver and fixture are tested and approved for direct contact with insulation. Aluminum die-cast trim ring with durable powdercoat finish preventing rust and paint cracking. Plenum rated cable connector to connect from module to remote driver box. Isolated driver integrated inside aluminum remote box with two 7/8" knockouts with slots for pryout.

**Installation:** Designed for super shallow ceiling plenums without any housing. High strength steel spring clip for easy installation. Hole cut out template provided for accurate hole size for proper trim installation. Maximum hole size should not exceed 6 1/4" for this product. Suitable installation for t-grid and drop ceiling applications.

**Electrical:** Driver connects directly to 120/277/347V power supply. Standard input wattage is 15W, 63 lumens per watt. Replaces 100W incandescent.

**Dimmability:** Works with 120/277/347V dimmers. Dims down to 10%. For full list of dimmers, refer to the ELM System Dimmer Compatibility List.

**Listings:** ETL Listed for Wet Locations. IC-Rated for direct contact with insulation. Air Tight certified in accordance with ASTM E283-2004. California Title 24 compliant (JA8-2016-E)

**Warranty:** 5-year limited warranty.

## Product Numbers

Item	Lamp type	Lumens	CCT	Watts	Voltage	Dimming	Finish
ERT61DXCT5W	LED	950 lm	2700K, 3000K, 3500K, 4000K, 5000K	15W	120/277/347V	Triac/ELV/0-10V	All White

## Product Number Builder Example: ERT61DXCT5W

6" Ultra Slim LED Panel Light	Wattage/Lumen	ColorTemp.	Finish
<b>ERT6</b>	<b>1DX</b> 15W / 950lm	<b>CT5</b> 2700K-5000K	<b>W</b> All White

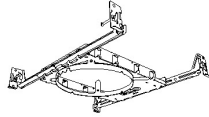
# Compatible Products

For use with 6" Elm™ System Slim Panels



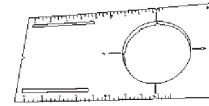
## 6" Elm™ New Construction Frames

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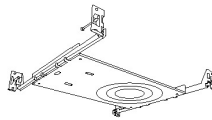
Frame with Hanger Bars  
**New Construction**

CAT NO.	SPECIFICATIONS
E6LF1 (6" Round)	9" L x 6 3/4" W x 6 1/4" Opening



Round Mounting Plates  
**New Construction**

CAT NO.	SPECIFICATIONS
EMP6 (6" Round)	17 1/4" L x 8 3/8" W x 6 1/4" Opening

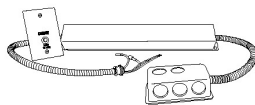


Universal Frame for 2", 4" and 6" Downlights  
**New Construction**

CAT NO.	SPECIFICATIONS
E246LF1	12 1/8" L x 7 5/8" W

## Accessories

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90 minutes  
**Emergency Battery Backup**

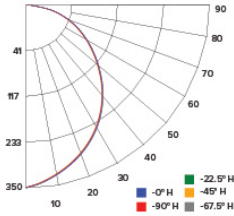
CAT NO.	SPECIFICATIONS
KEM-ERT	6W, 120/277V,

# Photometric Report

## 6" 120/277/347V Ultra Slim LED Round Panel Light with 5-CCT Switch

### PHOTOMETRIC REPORT

Product #: ERT61DXCT5W (3000K)  
 Wattage / Lumens: 14.4W / 974.4 lm  
 Luminaire LPW: 67.7 lm/W



### CANDLE POWER SUMMARY

Degress Vertical	0°
0	349
5	349
15	339
25	316
35	280
45	235
55	184
65	128
75	73
85	23
90	3

### ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4'	21.8	11.3'
6'	9.7	17.0'
8'	5.45	22.6'
10'	3.49	28.3'

### ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	269.1	27.6
0-40°	438.4	45
0-60°	766.9	78.7
0-90°	974.3	100