

# 6" 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.
- For EM Backup use KEM-ERT

## Specifications

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

## Options



All White



All Black



All Bronze

## 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 4 1/4" for this product. Suitable installation for t-grid and drop ceiling applications.

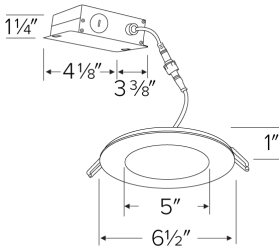
**Electrical:** Driver connects directly to 120V power supply. Standard input wattage is 9W, 55 lumens per watt. Replaces 50W incandescent.

**Dimmability:** Works with 120V Triac and ELV type dimmers. Dims down to 10%. For full list of dimmers, refer to the ELM System Dimmer Compatability List.

**Listings:** ETL Listed for Wet Locations. Meets ENERGY STAR® requirements. IC-Rated for direct contact with insulation. California Title 24 Compliant.

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

## Dimensions



## Product Numbers

Item	Lamp type	Lumens	CCT	Watts	Voltage	Dimming	Finish
ERT612CT5W	LED	950 lm	2700K, 3000K, 3500K, 4000K, 5000K	15W	120V	Triac/ELV	All White
ERT612CT5B	LED	950 lm	2700K, 3000K, 3500K, 4000K, 5000K	15W	120V	Triac/ELV	All Black
ERT612CT5BZ	LED	950 lm	2700K, 3000K, 3500K, 4000K, 5000K	15W	120V	Triac/ELV	All Bronze

Product Number Builder

Example: ERT612CT5W

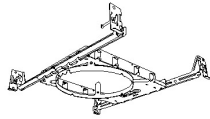
6" Ultra Slim LED Panel Light	Wattage/Lumen	Color Temp.	Finish
<div>ERT6</div>	<div></div> <div>12 15W / 950 lm</div>	<div></div> <div>CT5 2700K - 5000K</div>	<div></div> <div>W All White B All Black BZ All Bronze</div>

# Compatible Products

For use with 6" Elm™ System Slim Panels

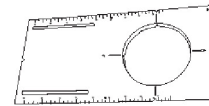


## 6" Elm™ New Construction Frames



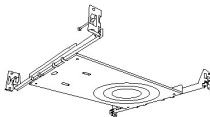
Frame with Hanger Bars  
**New Construction**

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



Round Mounting Plates  
**New Construction**

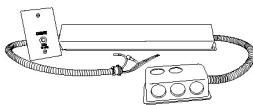
CAT NO.	SPECIFICATIONS
EMP6 (6" Round)	17 1/4" L x 8 3/8" W x 6 1/4" Opening



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

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

## Accessories



90 minutes  
**Emergency Battery Backup**

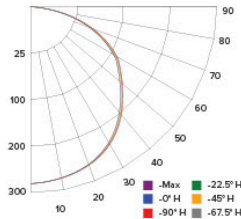
CAT NO.	SPECIFICATIONS
KEM-ERT	6W, 120/277V,

# Photometric Report

## 6" Ultra Slim LED Round Panel Light with 5-CCT Switch

### PHOTOMETRIC REPORT

Product #: ERT611CT5 @2700K  
Wattage / Lumens: 11W / 811.3 lm  
Luminaire LPW: 73.75 lm/W



### CANDLE POWER SUMMARY

Degree Vertical	0°
0	290
5	289
15	279
25	259
35	229
45	192
55	149
65	103
75	55
85	11
90	0

### ILLUMINANCE AT A DISTANCE

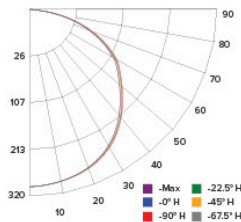
Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4'	18.1	11.5'
6'	8.06	17.3'
8'	4.54	23.0'
10'	2.90	28.8'

### ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	224.1	27.6
0-40°	365.6	45.1
0-60°	641.8	79.1
0-90°	811.3	100

### PHOTOMETRIC REPORT

Product #: ERT611CT5 @3000K  
Wattage / Lumens: 11W / 877.4 lm  
Luminaire LPW: 79.7 lm/W



### CANDLE POWER SUMMARY

Degree Vertical	0°
0	314
5	313
15	302
25	280
35	247
45	207
55	161
65	111
75	60
85	12
90	0

### ILLUMINANCE AT A DISTANCE

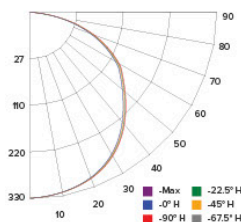
Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4'	19.6	11.5'
6'	8.72	17.3'
8'	4.90	23.1'
10'	3.14	28.8'

### ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	242.3	27.6
0-40°	395.4	45.1
0-60°	694.1	79.1
0-90°	877.4	100

### PHOTOMETRIC REPORT

Product #: ERT611CT5 @3500K  
Wattage / Lumens: 11W / 910.9 lm  
Luminaire LPW: 82.8 lm/W



### CANDLE POWER SUMMARY

Degree Vertical	0°
0	326
5	325
15	313
25	290
35	257
45	215
55	167
65	116
75	62
85	13
90	0

### ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4'	20.4	11.5'
6'	9.05	17.3'
8'	5.09	23.1'
10'	3.26	28.8'

### ZONAL LUMEN SUMMARY

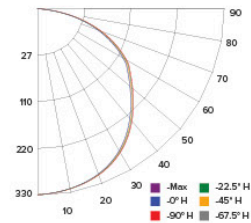
Zone	Lumens	%Luminaire
0-30°	251.5	27.6
0-40°	410.5	45.1
0-60°	720.6	79.1
0-90°	910.8	100

# Photometric Report

## 6" Ultra Slim LED Round Panel Light with 5-CCT Switch

### PHOTOMETRIC REPORT

Product #: ERT611CT5 @4000K  
Wattage / Lumens: 11.3W / 917.8 lm  
Luminaire LPW: 81.2 lm/W



### CANDLE POWER SUMMARY

Degress Vertical	0°
0	328
5	328
15	316
25	293
35	259
45	217
55	169
65	117
75	63
85	13
90	0

### ILLUMINANCE AT A DISTANCE

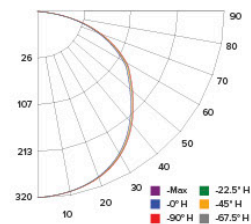
Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4'	20.5	11.5'
6'	9.12	17.3'
8'	5.13	23.0'
10'	3.28	28.8'

### ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	253.4	27.6
0-40°	413.5	45.1
0-60°	726.0	79.1
0-90°	917.7	100

### PHOTOMETRIC REPORT

Product #: ERT611CT5 @5000K  
Wattage / Lumens: 11.5W / 888.3 lm  
Luminaire LPW: 77.3 lm/W



### CANDLE POWER SUMMARY

Degress Vertical	0°
0	318
5	316
15	305
25	283
35	250
45	210
55	163
65	113
75	61
85	12
90	0

### ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4'	19.8	11.5'
6'	8.82	17.3'
8'	4.96	23.1'
10'	3.18	28.9'

### ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	245.2	27.6
0-40°	400.2	45.1
0-60°	702.6	79.1
0-90°	888.2	100



**ELCO Lighting**

# Dimmer Compatibility Chart

## The ELM System

### 5-CCT Slim Panel Lights

#### For Reference Only

Testing conducted by ELCO Lighting is not a substitute for and does not imply certification by an independent laboratory or any other standards certification. Refer to manufacturer specifications for more detailed information on product certifications and standards. Consult the dimmer manufacturer prior to installation to ensure compatibility.

Manufacturer	Product	Part Number	Dimmed Light Output Range
<b>120V Only</b>			
Lutron	Maestro® Series CL Dimmer, Single Pole/Multi-location, Phase-Selectable, 250W LED/CFL, 500W Incandescent/Halogen/ELV, or 400W MLV	MA-PRO-WH	10% - 100%
	Vive® Series CL dimmer, Single Pole/Multi-Location, 150W LED/CFL or 600W Incandescent/Halogen/MLV	MRF2S-6CL-WH	10% - 100%
	Caseta® Series Wireless CL dimmer, 150W LED/CFL or 600W Incandescent/Halogen	PD-6WCL-WH	10% - 100%
	DIVA® Series 250W LED/CFL or 600W Incandescent/Halogen Single Pole/3-Way Dimmer	DVCL-253P	10% - 100%
	DIVA® Series 150W or 600W Incandescent/Halogen Single Pole/3-Way Dimmer	DVCL-153P	10% - 100%
	Maestro® Series 150W Single Pole/3-Way/Multi-Location Dimmer	MACL-153M	10% - 100%
	Skylark® Series 150W LED/CFL or 600W Incandescent/Halogen Single Pole/3-Way Dimmer	SCL-153P	10% - 100%
	RA2 Select/RadioRA2 600W Dimmer	RRD-6ND-WH	10% - 100%
	RA2 Select/RadioRA2 250W CFL/LED, 500W Incandescent/Halogen/ELV, 400VA MLV Phase Selectable Dimmer	RRD-PRO-WH	10% - 100%

\*NOTE: Refer to dimmer manufacturer's documentation for installation instructions and circuit details

Disclaimer: Minimum and maximum loads for LEDs and CFLs are given in number of lamps and may vary depending on the lamp being used. Testing conducted by ELCO Lighting is not a substitute for and does not imply certification by an independent laboratory or any other standards certification. Refer to manufacturer specifications for more detailed information on product certifications and standards.