ELCO Lighting

Project name:

Fixture type:

Date:

3" Round Adjustable Eyeball Downlight with 5-CCT Switch

The innovative 3″ Floating Eyeball offers 360˚ rotation and a 90˚ tilt range for added versatility

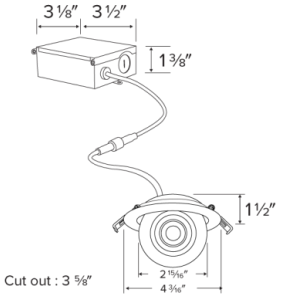
Features

- 6W / 450 lm
- IC Rated for direct contact to insulation
- CRI 90+
- ETL Listed for damp locations
- CA Title 24 compliant
- 120V, Dimmable Triac/ELV
- For EM Backup use KEM-ERT

Specifications

Wattage	6W
Lumens	450 lm
Voltage	120V
Color Temp.	2700K, 3000K, 3500K, 4000K, 5000K
Dimmable	Triac/ELV
Lamp Type	LED
CRI	90+

Dimensions



Technical Details

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

Construction: Aluminum die-cast trim with durable powdercoat finish. 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 proper trim installation.

Electrical: Included driver connects directly to 120V power supply. Standard input wattage is 6W, 75 lumens per watt. Replaces 75W incandescent. Open Driver box to switch color temperatures

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 DAMP Locations. IC-Rated for direct contact with insulation. Air Tight certified in accordance with ASTM E283-2004. Califonia Title 24 Compliant (JA8-2016-E)

Warranty: 5-year limited warranty.

360˚ Rotation

90˚ Tilt Range

Product Numbers

Item	Lamp type	Lumens	CCT	Watts	Voltage	Dimming	Finish
ERT317CT5W	LED	450 lm	2700K, 3000K, 3500K, 4000K, 5000K	6W	120V	Triac/ELV	All White

Product Number Builder

Example: **ERT317CT5W**

3″ Round Adjustable Eyeball Downlight	Color Temp.	Finish
ERT317		
	CT5 2700K - 5000K	**W** All White

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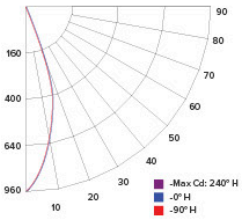
Photometric Report

3″ LED Adjustable Eyeball Downlights with 5-CCT Switch

PHOTOMETRIC REPORT

Product #: ERT317CT5
Wattage / Lumens: 6.25W / 451.3 lm
Luminaire LPW: 72 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	870
5	759
15	396
25	144
35	55
45	21
55	11
65	7
75	4
85	0
90	0

ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4′	54.3	3.2′
6′	24.1	3.6′
8′	13.5	4.8′
10′	8.7	6.1′

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	329.1	73
0-40°	383.0	84.9
0-60°	418.8	92.8
0-90°	437.8	97.1

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Dimmer Compatibility Chart for The ELM™ System

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	Number of Fixtures Per Dimmer*			
			Fixture Wattage			
			9W	12W	15W	33W
120V Only						
Lutron	DIVA® Series 600W Single Pole Dimmer	DV-600P	15	11	9	4
	DIVA® Series 600W 3-Way Dimmer	DV-603P	15	11	9	4
	Maestro® Series 150W Single Pole/3-Way/Multi-Location Dimmer	MACL-153M	15	11	9	4
Leviton	Decora SureSlide® Single Pole Slide-To-Off with Optional Locator Light	6631	15	11	9	4
	Decora SureSlide® Single Pole/3-Way with Present ON/OFF switch with Optional Locator Light	6633	15	11	9	4
	Decora SureSlide® Universal Dimmer	6674	15	11	9	4

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

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