

4" LED Round Elm™

Downlight with 5-CCT Switch

Energy-efficient Elm™ System LED Downlights featuring 5-CCT Switch to choose desired color temperature (2700K-5000K). Twist-on design for easy trims installation (sold separately). Designed to be installed without a housing.



Features

- LED Downlight to be used with Round (ERT415) or Square (ERT445) Trims (Sold separately)
- Twist-on mechanism for easy trim installation
- IC rated for direct contact with insulation
- 5-CCT Switch to manually choose desire color temperature (2700K-5000K)
- CRI 90+
- ETL listed for wet locations
- Triac/ELV Dimmable
- Life span of 50,000 hours L70

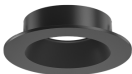
Specifications

Wattage	15W
Lumens	1000 lm
Voltage	120V
Color Temp.	2700K, 3000K, 3500K, 4000K, 5000K
Dimmable	Triac/ELV
Lamp Type	LED
CRI	90+
Wet Location	Listed

Options



ERT415 - Round Trim



ERT415 - Black Round Trim

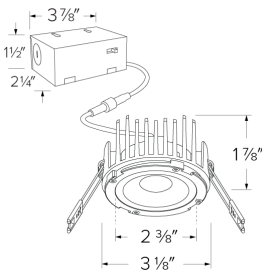


ERT445 - White Square Trim

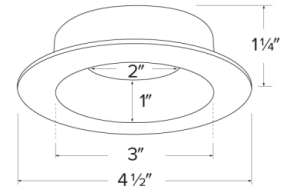


ERT445 - Black Square Trim

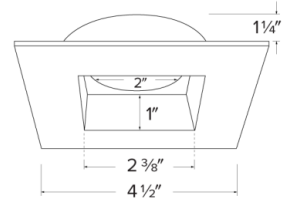
Dimensions



ERT415W Dimensions



ERT445W Dimensions



Product Numbers

Item	Description	Lamp type	Lumens	CCT	Watts	Voltage	Dimming	Finish
ERT4L10CT5	4" LED Round ELM™ Downlight	LED	1000 lm	2700K, 3000K, 3500K, 4000K, 5000K	15W	120V	Triac/ELV	
ERT415W	4" Round Reflector Trim							All White
ERT415BB	4" Round Reflector Trim							All Black
ERT445W	4" Square Reflector Trim							All White
ERT445BB	4" Square Reflector Trim							All Black

Product Number Builder

Example: ERT4L10CT5

4" LED Round Elm™ Downlight

ERT4L10

Color Temperature

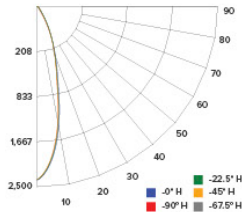
CT5 2700K - 5000K

Photometric Report

4" LED Round Elm™ Downlight with 5-CCT Switch

PHOTOMETRIC REPORT

Product #: ERT4L10CT5 @2700K
Wattage / Lumens: 13.8W / 810 lm
Luminaire LPW: 58.7 lm/W



CANDLE POWER SUMMARY

Degree Vertical	0°
0	2402
5	2172
15	1196
25	374
35	82
45	17
55	8
65	6
75	3
85	0
90	0

ILLUMINANCE AT A DISTANCE

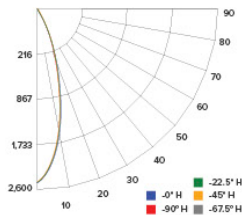
Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4'	150	2.2'
6'	66.7	3.3'
8'	37.5	4.5'
10'	24.0	5.6'

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	719.0	88.8
0-40°	776.9	96
0-60°	799.6	98.8
0-90°	809.5	100

PHOTOMETRIC REPORT

Product #: ERT4L10CT5 @3000K
Wattage / Lumens: 13.6W / 856.1 lm
Luminaire LPW: 62.9 lm/W



CANDLE POWER SUMMARY

Degree Vertical	0°
0	2536
5	2301
15	1277
25	397
35	86
45	18
55	9
65	6
75	3
85	0
90	0

ILLUMINANCE AT A DISTANCE

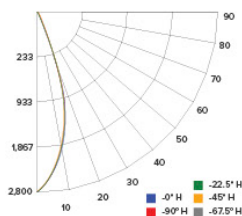
Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4'	159	2.2'
6'	70.5	3.3'
8'	39.6	4.4'
10'	25.4	5.6'

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	760.4	88.9
0-40°	821.4	96
0-60°	845.2	98.8
0-90°	855.5	100

PHOTOMETRIC REPORT

Product #: ERT4L10CT5 @3500K
Wattage / Lumens: 13.3W / 943.4 lm
Luminaire LPW: 70.9 lm/W



CANDLE POWER SUMMARY

Degree Vertical	0°
0	2787
5	2542
15	1427
25	443
35	97
45	20
55	9
65	7
75	3
85	0
90	0

ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4'	174	2.2'
6'	77.4	3.3'
8'	43.6	4.4'
10'	27.9	5.6'

ZONAL LUMEN SUMMARY

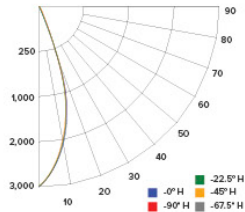
Zone	Lumens	%Luminaire
0-30°	838.3	88.9
0-40°	905.3	96
0-60°	931.4	98.8
0-90°	942.8	100

Photometric Report

4" LED Round Elm™ Downlight with 5-CCT Switch

PHOTOMETRIC REPORT

Product #: ERT4L10CT5 @4000K
Wattage / Lumens: 13.3W / 984.6 lm
Luminaire LPW: 73.6 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	2898
5	2648
15	1506
25	465
35	102
45	21
55	10
65	7
75	3
85	0
90	0

ILLUMINANCE AT A DISTANCE

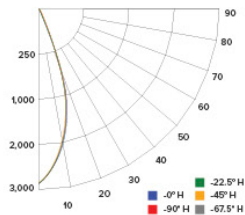
Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4'	181	2.2'
6'	80.5	3.3'
8'	45.3	4.5'
10'	29.0	5.6'

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	874.6	88.9
0-40°	944.8	96
0-60°	972.0	98.8
0-90°	983.9	100

PHOTOMETRIC REPORT

Product #: ERT4L10CT5 @5000K
Wattage / Lumens: 13.9W / 996.7 lm
Luminaire LPW: 71.6 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	2908
5	2670
15	1540
25	473
35	105
45	22
55	10
65	8
75	3
85	0
90	0

ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4'	182	2.2'
6'	80.8	3.4'
8'	45.4	4.5'
10'	29.1	5.6'

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	883.4	88.7
0-40°	955.5	95.9
0-60°	983.8	98.8
0-90°	996.2	100



ELCO Lighting

Dimmer Compatibility Chart

Elm™ System High Lumen LED Downlights

For ERT215, ERT218, ERT318, ERT411, ERT412, ERT416, ERT425
ERT611, ERT612Series, ERT2HL08CT5, ERT2HL10CT5, and ERT4L10CT5

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
Lutron	Ariadni, 120V AC, 60Hz, 150W LED/CFL, 600W Incandescent/Halogen, Single Pole, 3-Way	AYCL-153P	10% - 100%
	Diva, 120V AC, 60Hz, 600W Incandescent/Halogen, Single Pole, 3-Way	DV-600PR	1% - 100%
	Diva, 120V, 60Hz, 150W LED/CFL, 600W Incandescent/Halogen, Single Pole, 3-Way	DVCL-153P	10% - 100%
	Maestro, 120V, 50/60Hz, 150W LED/CFL, 600W Incandescent/Halogen, Single Pole, 3-Way	MACL-153M	10% - 100%
	Nova, 120V AC, 60Hz, 600W Incandescent/Halogen, Single Pole, 3-Way	D-600P	10% - 100%
	Nova, 120V AC, 300W Load Rating, Single Pole, 3-Way, Residential/Commercial Application	NTELV-300P	10% - 100%
	Skylark, Single Pole 600W Incandescent/Halogen, Slide-to-Off Dimmer	S-600P	10% - 100%
	Skylark Contour, 120V, 60Hz, 600W Incandescent/Halogen, Single Pole, 3-Way	CT-600P	1% - 100%
	Skylark, 120V, 60Hz, 150W LED/CFL, 600W Incandescent/Halogen, Single Pole, 3-Way	CTCL-153P	10% - 100%
	Toggler, 120V AC, 60Hz, 600W Incandescent/Halogen, Single Pole, 3-Way	TG-600P	10% - 100%
	Toggler, 120V AC, 60Hz, 150W LED/CFL, 600W Incandescent, Single Pole, 3-Way	TGCL-153P	10% - 100%
Leviton	SureSlide, 120V AC 60Hz, 600W for LED and CFL, 600W for Incandescent, Single Pole, 3-Way, Polycarbonated Housing	6633	10% - 100%
	SureSlide Decora, 120V AC, 60Hz, 150W LED/CFL, 600W Incandescent, Single Pole, 3-Way, Commercial Application	6674	20% - 100%
	Trimatron, 120V AC, 60Hz, 600W Incandescent, Single Pole, 3-Way,	6602	20% - 100%
	ILLUMATECH Universal, 120V AC 60Hz, 150W LED/CFL, 600W Incandescent, Single Pole, 3-Way, Residential/Commercial Application	IPL06	1% - 100%
Legrand	Adorne Kit, 120V, 700W Load Rating, Single Pole, 3-Way	ADTP703TU	20% - 100%
	Harmony, 120V, 700W Incandescent, Single Pole, 3-Way	H703PTW	10% - 100%
Cooper	Aspire, 120V AC, 300W/600W Load Rating, Single Pole, 3-Way, Architectural Application	9540	10% - 100%
	Devine, 120V AC, 300W LED/CFL or 600W Incandescent/Halogen, Single Pole, 3-Way	DAL06P	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.

Integrating our lighting with your Smart Home System is a breeze. Simply check your Smart Home system for compatible smart switches and cross reference that with our Dimming Compatibility Chart. Once the switches are integrated with your Smart Home system your lights will be ready to go.



2042 E. Vernon Ave. Vernon CA 90058 Tel 323.231.2600 Fax 323.231.3200 elcolighting.com