

2" High Lumen 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), and maximum flexibility by mix-&-matching any round or square trim (sold separately) with desire reflector or baffle finish (sold separately) to complete the assembly. Designed to be installed without the need for a housing.



Features

- Mix-&-Match Choosing Between Baffle or Reflector and Flexa™ Round or Square Trim (Sold separately)
- Baffle, Reflector, and Trims available in White, Black, Haze & Bronze color finishes (Sold separately)
- Compatible with Universal Frame only
- IC Rated for Direct Connect with Insulation
- 120V
- 5-CCT Switch
- CRI 90+
- ETL listed
- Triac/ELV Dimmable (dims to 10% on most dimmers)

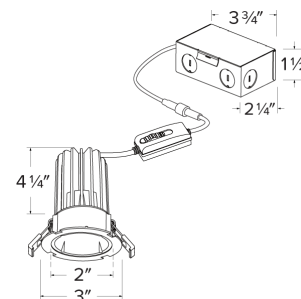
Specifications

Wattage	12W - 15W
Lumens	850 lm - 1000 lm
Voltage	120V
Color Temp.	2700K, 3000K, 3500K, 4000K, 5000K
Dimmable	Triac/ELV (dims to 10% on most dimmers)
Lamp Type	LED
Beam Angle	38°
CRI	90+
Damp Location	Listed

Options



Dimensions



Product Numbers

Item	Description	Lamp type	Lumens	CCT	Watts	Voltage	Dimming	Beam Angle
ERT2HL08CT5	2" Highlumen LED Downlight	LED	850 lm	2700K, 3000K, 3500K, 4000K, 5000K	12W	120V	Triac/ELV (dims to 10% on most dimmers)	38°
ERT2HL10CT5	2" Highlumen LED Downlight	LED	1000 lm	2700K, 3000K, 3500K, 4000K, 5000K	15W	120V	Triac/ELV (dims to 10% on most dimmers)	38°

Product Number Builder

Example: ERT2HL08CT5

2" Highlumen LED Round Elm™ Downlight

Lumens

Color Temperature

ERT2HL

- 08 850 lm (12W)
- 10 1000 lm (15W)

CT5 2700K-5000K

Compatible Products

For use with 2" ERT2HL08CT5 Downlight



2" Reflector & Baffle to Mix-&-Match



for 2" LED Elm™ Downlights
Reflector

CAT NO.	SPECIFICATIONS
ERT210W	White Finish
ERT210B	Black Finish
ERT210H	Haze Finish
ERT210BZ	Bronze Finish



for 2" LED Elm™ Downlights
Baffle

CAT NO.	SPECIFICATIONS
ERT214W	White Finish
ERT214B	Black Finish
ERT214BZ	Bronze Finish

2" Flexa™ Round & Square Trims to Mix-&-Match



for 2" LED Elm™ Downlights
Round Flexa™ Trim

CAT NO.	SPECIFICATIONS
ERT2RW	White Finish
ERT2RB	Black Finish
ERT2RBZ	Bronze Finish



for 2" LED Elm™ Downlights
Square Flexa™ Trim

CAT NO.	SPECIFICATIONS
ERT22SQW	White Finish
ERT22SQB	Black Finish

Compatible Products

For use with **2" ERT2HL08CT5 Downlight**



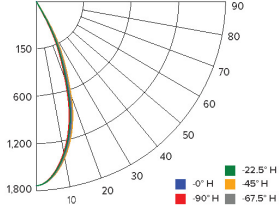
2" Elm™ New Construction Frames

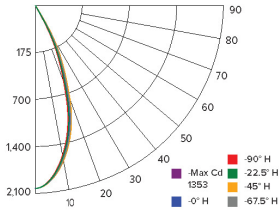


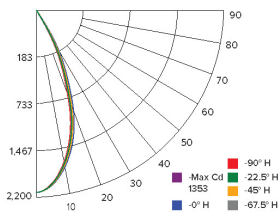
Universal Frame for 2", 4" and 6"
New Construction

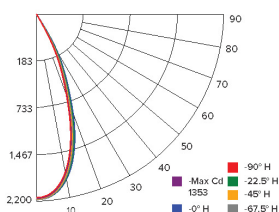
CAT NO.	SPECIFICATIONS
E246LF1	For 2", 4" and 6"

ELM™ SYSTEM - 2" CANLESS LED DOWNLIGHTS

PHOTOMETRIC REPORT	CANDLE POWER SUMMARY		ILLUMINANCE AT A DISTANCE		
Product #: ERT2HL08CT5 2700K Wattage / Lumens: 12W / 776 lm Luminaire LPW: 64 lm/W 	Degress Vertical	0°	Distance to Target Plane	Center Beam Footcandles	Beam Diameter
	0	1751	4'	109	2.6'
	5	1682	6'	48.7	3.8'
	15	1113	8'	27.4	5.1'
	25	485	10'	17.5	6.4'
	35	111	ZONAL LUMEN SUMMARY		
	45	38			
	55	21	Zone	Lumens	%Luminaire
	65	12	0-30°	643.9	82.9
	75	6	0-40°	710.4	91.5
	85	2	0-60°	757.2	97.5
	90	0	0-90°	776.3	100

PHOTOMETRIC REPORT	CANDLE POWER SUMMARY		ILLUMINANCE AT A DISTANCE		
Product #: ERT2HL08CT5 3000K Wattage / Lumens: 12W / 896 lm Luminaire LPW: 74 lm/W 	Degress Vertical	0°	Distance to Target Plane	Center Beam Footcandles	Beam Diameter
	0	1997	4'	125	2.6'
	5	1943	6'	55.5	3.9'
	15	1310	8'	31.2	5.1'
	25	564	10'	20.0	6.4'
	35	131	ZONAL LUMEN SUMMARY		
	45	44			
	55	25	Zone	Lumens	%Luminaire
	65	14	0-30°	742.4	82.8
	75	7	0-40°	819.9	91.5
	85	2	0-60°	874.1	97.5
	90	0	0-90°	896.2	100

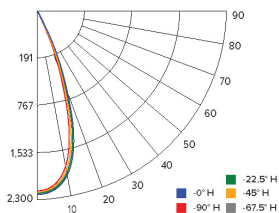
PHOTOMETRIC REPORT	CANDLE POWER SUMMARY		ILLUMINANCE AT A DISTANCE		
Product #: ERT2HL08CT5 3500K Wattage / Lumens: 12W / 976 lm Luminaire LPW: 81 lm/W 	Degress Vertical	0°	Distance to Target Plane	Center Beam Footcandles	Beam Diameter
	0	2148	4'	134	2.6'
	5	2115	6'	59.7	3.9'
	15	1451	8'	33.6	5.2'
	25	622	10'	21.5	6.5'
	35	146	ZONAL LUMEN SUMMARY		
	45	48			
	55	27	Zone	Lumens	%Luminaire
	65	15	0-30°	807.2	82.7
	75	8	0-40°	892.5	91.4
	85	2	0-60°	951.9	97.5
	90	0	0-90°	976.0	100

PHOTOMETRIC REPORT	CANDLE POWER SUMMARY		ILLUMINANCE AT A DISTANCE		
Product #: ERT2HL08CT5 4000K Wattage / Lumens: 12W / 989 lm Luminaire LPW: 82 lm/W 	Degress Vertical	0°	Distance to Target Plane	Center Beam Footcandles	Beam Diameter
	0	2156	4'	135	2.6'
	5	2142	6'	59.9	3.9'
	15	1490	8'	33.7	5.2'
	25	637	10'	21.6	6.5'
	35	152	ZONAL LUMEN SUMMARY		
	45	49			
	55	28	Zone	Lumens	%Luminaire
	65	15	0-30°	816.8	82.6
	75	8	0-40°	903.9	91.4
	85	2	0-60°	964.3	97.5
	90	0	0-90°	988.7	100

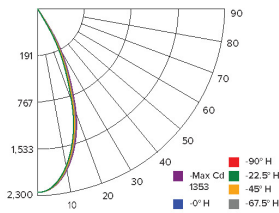
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ELM™ SYSTEM - 2" CANLESS LED DOWNLIGHTS

PHOTOMETRIC REPORT	CANDLE POWER SUMMARY		ILLUMINANCE AT A DISTANCE		
Product #: ERT2HL08CT5 5000K Wattage / Lumens: 12W / 1008 lm Luminaire LPW: 84 lm/W 	Degress Vertical	0°	Distance to Target Plane	Center Beam Footcandles	Beam Diameter
	0	2192	4'	137	2.6'
	5	2196	6'	60.9	3.9'
	15	1589	8'	34.2	5.2'
	25	697	10'	21.9	6.5'
	35	173	ZONAL LUMEN SUMMARY		
	45	54			
	55	30	Zone	Lumens	%Luminaire
	65	16			
	75	8	0-30°	831.9	82.5
	85	3	0-40°	920.9	91.4
	90	1	0-60°	982.9	97.5
			0-90°	1,008.0	100

ELM™ SYSTEM - 2" CANLESS LED DOWNLIGHTS

PHOTOMETRIC REPORT	CANDLE POWER SUMMARY		ILLUMINANCE AT A DISTANCE		
Product #: ERT2HL10CT5 + ERT210W + ERT2RW (@3000K) Wattage / Lumens: 15W / 1078 lm Luminaire LPW: 71 lm/W 	Degress Vertical	0°	Distance to Target Plane	Center Beam Footcandles	Beam Diameter
	0	2221	4'	139	2.8'
	5	2134	6'	61.7	4.2'
	15	1463	8'	34.7	5.6'
	25	615	10'	22.2	7.0'
	35	99	ZONAL LUMEN SUMMARY		
	45	38			
	55	24	Zone	Lumens	%Luminaire
	65	15	0-30°	908.4	85.3
	75	6	0-40°	989.6	93
	85	0	0-60°	1,041.2	97.8
	90	0	0-90°	1,064.5	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.



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