

# ENTRA™ 2" CYLINDER

## FIXED CYLINDER

The ENTRA 2" Fixed Cylinder provides a cost-effective option with a modern aesthetic for residential, hospitality and commercial applications. ENTRA 2" Fixed Cylinders are a great solution for illumination in exposed ceiling applications. Mounting options include flush mount, surface mount, pendant mount and conduit mount with interchangeable optics. LED is recessed in the cylinder minimizing glare with warm dimming and static white options. Available in Black, Brushed Aluminum, and White (field paintable).



SHOWN IN WHITE

- Interchangeable optics: 20°, 30°, 40°, and 60°
- 1-step standard color binning
- Several lens and louver options including Solite Soft Focus

### LUMEN MULTIPLIER (CRI/CCT)

CCT	80 CRI MULTIPLIER	90 CRI MULTIPLIER
2700K	—	0.75
3000K	—	0.80
3500K	1.00	—

Lumen output will vary by CCT and CRI. See photometric charts for output information. Static white data reflects 3500K 80 CRI values. Reference lumen multiplier chart for CCT and CRI multipliers.

### SPECIFICATIONS

	STATIC WHITE		WARM DIM	
WATTAGE	Lumens	Efficacy	Lumens	Efficacy
8W	806	101	479	60
12W	1267	106	850	71
CRI	80+, 90+		90+	
CCT	2700K, 3000K, or 3500K		3000K - 1800K	
COLOR CONSISTENCY	1-step		3-step	
VOLTAGE	120V or 277V			
DIMMING <sup>1</sup>	Standard reverse-phase, forward-phase, TRIAC, and 0-10V dimming (down to 5%) <sup>1</sup> Lutron Hi-lume EcoSystem (down to 0.1%) Lutron Hi-lume 2-wire (down to 1%)   eldoLED 0-10V or Dali (down to 0.1%)			
POWER SUPPLY	Constant current driver with +0.9 power factor and +80% efficiency			
BEAM SPREAD	Interchangeable optics: 20°, 30°, 40°, or 60°			
CEILING APPEARANCE	Flush mount Surface mount (canopy) Pendant mount (canopy) Conduit mount (j-box)			
CONSTRUCTION	Cylinder: Aluminum			
FINISH	Reflector: White, Black, or Brushed Aluminum Cylinder: White, Black, or Brushed Aluminum			
GENERAL LISTINGS	ETL Listed, Damp Location.			
CALIFORNIA TITLE 24	Registered CEC appliance database. Complies with CEC 2019 Title 24 Part 6 (JAB-2016, JAB-2019) (for 90 CRI versions).			
L70	50,000 hours min			
WARRANTY <sup>2</sup>	5 years			

Data in chart reflect 3500K/80 CRI values unless noted.

Ordering grids available on page 2.

<sup>1</sup>See ELEMENT-Lighting.com for dimmer compatibility.

<sup>2</sup>Visit ELEMENT-Lighting.com for specific warranty limitations and details.

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### ORDERING GRIDS

#### CYLINDER

PRODUCT	MOUNTING	OUTPUT	CRI/CCT	BEAM SPREAD	FUNCTION	DRIVERS	REFLECTOR FINISH <sup>8</sup>	CYLINDER FINISH
ENCY2R ENTRA CYLINDERS 2" ROUND	F FLUSH MOUNT <sup>1</sup>	-L08 8W4.5	835 80 CRI, 3500, 1-STEP	2 20°	D DOWNLIGHT	<b>INTEGRATED DRIVERS 120V/277V</b> <b>-UNV</b> UNIVERSAL PHASE/0-10V 5% <sup>5,6</sup> (AVAILABLE FOR SURFACE AND PENDANT MOUNT)	<b>-B</b> BLACK <b>-W</b> WHITE <b>-A</b> BRUSHED ALUMINUM	<b>B</b> BLACK <b>W</b> WHITE <b>A</b> BRUSHED ALUMINUM
	S SURFACE MOUNT (CANOPY)	-L12 12W	927 90 CRI, 2700K, 1-STEP	3 30°				
	P PENDANT MOUNT (CANOPY) <sup>2</sup>		930 90 CRI, 3000K, 1-STEP	4 40°				
	C CONDUIT MOUNT (J-BOX) <sup>3</sup>		9WD 90 CRI, WARM DIM, 3000-1800K, 3-STEP	6 60°				
						<b>REMOTE DRIVERS 120V/277V<sup>6</sup></b> <b>-ELDO</b> ELDOLED 0.1% 0-10V LINEAR <b>-ELD0A</b> ELDOLED 0.1% 0-10V LOGARITHMIC <b>-ELDD</b> ELDOLED 0.1% DALI <b>-HLECO</b> LUTRON HI-LUME 0.1% ECOSYSTEM <b>-UNV</b> UNIVERSAL PHASE/0-10V 5% <sup>5,6</sup> (AVAILABLE FOR FLUSH MOUNT AND CONDUIT MOUNT)		
						<b>REMOTE DRIVERS 120V<sup>7</sup></b> <b>-HL2W</b> LUTRON HI-LUME 1% 2-WIRE		
ENCY2R	-	-	-	-	D	-	-	-

For dimming details, refer to dimmer compatibility chart.

<sup>1</sup>F - Flush mount includes adapter plate to assemble to standard 4" square or octagonal junction boxes prior to ceiling install.

<sup>2</sup>P - Pendant mount for use with CPS Cylinders pendant stems.

<sup>3</sup>C - Conduit mount includes custom junction box assembled at/below the ceiling.

<sup>4</sup>L8 - Output with UNV driver dims down to 5% min. only.

<sup>5</sup>Universal dimming is reverse-phase, forward-phase, TRIAC, and 0-10V. 277V is only compatible with 0-10V dimming.

<sup>6</sup>UNV - The LED driver is housed within the junction box for pendant and surface mount products and remotely for flush and conduit mounted products.

<sup>7</sup>Remote drivers ship in 4" x 8" x 1.8" black enclosure for remote location mounting.

<sup>8</sup>Standard Cylinder reflectors do not accommodate any lens accessories. To use with lens accessories (max. 2), order the ENCY2LK lens/louwer kit.

#### REPLACEMENT OPTICS

PRODUCT	BEAM SPREAD
353LEDGATOPT	20 20°
	30 30°
	40 40°
	60 60°
353LEDGATOPT	-

#### REFLECTOR OPTIC TOOL<sup>1</sup>

PRODUCT	FINISH
ENCY2TR ENTRA CYLINDERS 2" REFLECTOR TOOL	
ENCY2TR	-

<sup>1</sup>It is highly recommended to order a reflector optic tool when purchasing lens/louwer kits as this will make removal of the existing reflector significantly easier.

#### LENS/LOUWER KIT<sup>1</sup>

PRODUCT	TYPE	REFLECTOR FINISH
ENCY2LK	SB SANDBLASTED LENS	<b>-B</b> BLACK
	SF SOLITE SOFT FOCUS LENS	<b>-W</b> WHITE
	LL LINEAR SPREAD LENS	<b>-A</b> BRUSHED ALUMINUM
	EC EGGCRATE LOUWER	
ENCY2LK	-	-

<sup>1</sup>Required for use with lenses or louwers for Cylinders. Lens/louwer kits include a reflector and 1 lens. To add additional lenses (max. 2), see accessories page. It is highly recommended to order a reflector optic tool when purchasing lens/louwer kits as this will make removal of the existing reflector significantly easier.

#### PENDANT STEMS<sup>1</sup>

PRODUCT	LENGTH <sup>2</sup>	FINISH
ECPS	12 12"	<b>B</b> BLACK
	24 24"	<b>W</b> WHITE
	36 36"	<b>A</b> BRUSHED ALUMINUM
	48 48"	
	60 60"	
	72 72"	
ECPS	-	-

<sup>1</sup>Required for pendant mount only.

<sup>2</sup>Consult Quotes Department for custom lengths to the inch.

#### VAULTED CEILING ADAPTER<sup>1</sup>

PRODUCT	FINISH
ECVA	<b>B</b> BLACK <b>W</b> WHITE <b>A</b> BRUSHED ALUMINUM
ECVA	-

<sup>1</sup>For use with pendant mount. Adds 1.7" to the overall length of the stem. Accommodates slopes up to 45 degrees.

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CYLINDERS

FLUSH MOUNT



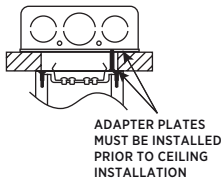
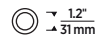
WHITE



BRUSHED ALUMINUM



BLACK



CONDUIT MOUNT (J-BOX)



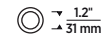
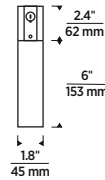
WHITE



BRUSHED ALUMINUM



BLACK



SURFACE MOUNT (CANOPY)



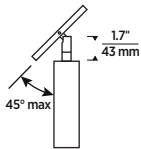
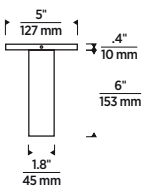
WHITE



BRUSHED ALUMINUM



BLACK



PENDANT MOUNT (CANOPY)



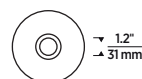
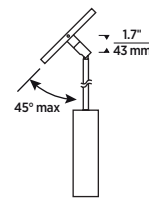
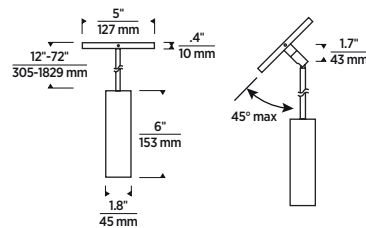
WHITE



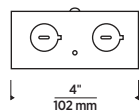
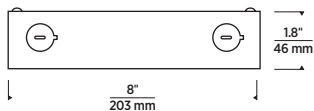
BRUSHED ALUMINUM



BLACK



REMOTE DRIVER J-BOX



# ENTRA™ 2" CYLINDER

## FIXED CYLINDER

PHOTOMETRICS

Description: 2" Cylinder Fixed  
20° Beam - 0° Tilt,  
90 CRI, 3000K

Model: 2" Cylinder Fixed

Input Power (Watts): 11.07

Input Power Factor: 0.99

Absolute Luminous Flux (Lumens): 907

Lumen Efficacy (Lumens per Watt): 82

Description: 2" Cylinder Fixed  
30° Beam - 0° Tilt,  
90 CRI, 3000K

Model: 2" Cylinder Fixed

Input Power (Watts): 11.05

Input Power Factor: 0.99

Absolute Luminous Flux (Lumens): 979

Lumen Efficacy (Lumens per Watt): 89

Description: 2" Cylinder Fixed  
40° Beam - 0° Tilt,  
80 CRI, 3500K

Model: 2" Cylinder Fixed

Input Power (Watts): 11.05

Input Power Factor: 0.99

Absolute Luminous Flux (Lumens): 1268

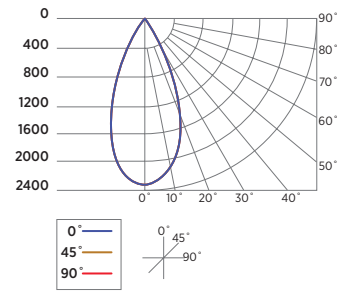
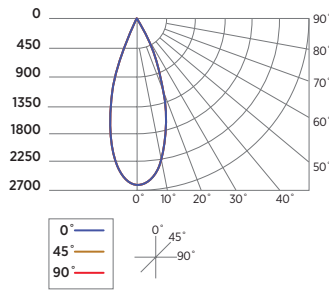
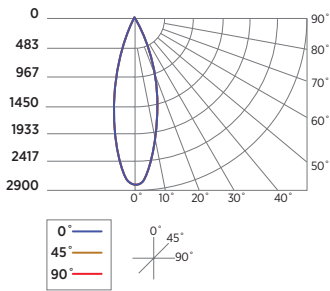
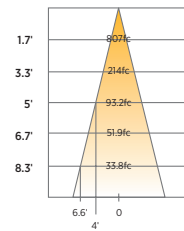
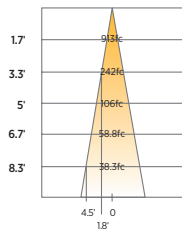
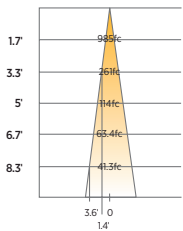
Lumen Efficacy (Lumens per Watt): 114

Output difference between CCTs - 5%, CRIs - 15%.

ANGLE	0°	45°	90°
0°	2847	2847	2847
5°	2519	2528	2522
10°	1835	1842	1847
15°	1157	1194	1170
20°	716	739	735
25°	425	438	442
30°	205	216	216
35°	89	93	94
40°	55	57	56
45°	40	41	42
50°	30	30	30
55°	20	20	20
60°	16	17	17
65°	13	13	13
70°	9	8	8
75°	5	5	4
80°	1	1	1
85°	0	0	0
90°	0	0	0

ANGLE	0°	45°	90°
0°	2638	2638	2638
5°	2501	2498	2502
10°	2031	2035	2036
15°	1370	1389	1365
20°	821	842	816
25°	458	471	454
30°	237	245	227
35°	98	100	96
40°	52	53	52
45°	37	38	38
50°	25	25	25
55°	15	15	15
60°	12	12	12
65°	9	9	9
70°	6	6	6
75°	3	3	3
80°	0	0	0
85°	0	0	0
90°	0	0	0

ANGLE	0°	45°	90°
0°	2331	2331	2331
5°	2244	2050	2248
10°	2031	2035	2017
15°	1685	1695	1685
20°	1262	1263	1257
25°	804	811	814
30°	426	435	431
35°	179	192	190
40°	88	90	92
45°	48	49	50
50°	28	29	30
55°	17	18	18
60°	13	13	14
65°	10	10	10
70°	6	6	6
75°	2	3	3
80°	0	0	0
85°	0	0	0
90°	0	0	0



# ENTRA™ 2" CYLINDER

## FIXED CYLINDER

PHOTOMETRICS

Description: 3" Cylinder Fixed  
60° Beam - 0° Tilt,  
90 CRI, 3000K

Model: 3" Cylinder Fixed

Input Power (Watts): 11.08

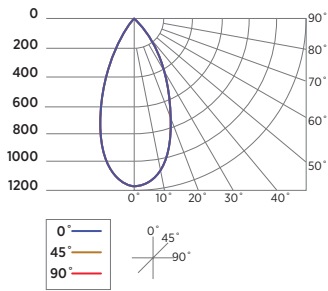
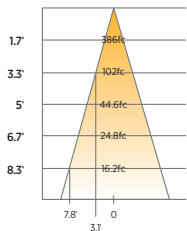
Input Power Factor: 0.99

Absolute Luminous  
Flux (Lumens): 1019

Lumen Efficacy  
(Lumens per Watt): 92

Output difference between CCTs - 5%, CRIs - 15%.

ANGLE	0°	45°	90°
0°	1115	1115	1115
5°	1090	1093	1096
10°	1021	1021	1028
15°	909	910	920
20°	776	782	788
25°	624	631	636
30°	464	468	471
35°	316	318	320
40°	202	198	200
45°	108	104	104
50°	62	60	58
55°	35	34	33
60°	20	20	19
65°	9	9	8
70°	6	6	6
75°	4	4	4
80°	2	2	2
85°	0	0	0
90°	0	0	0



# ENTRA™ 2" CYLINDER

FIXED CYLINDER

**PROJECT INFORMATION**

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**JOB NAME AND INFORMATION**

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**FIXTURE TYPE AND QUANTITY**

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**NOTES**

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