

# 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, conduit mount, pendant mount, and cord 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).

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



SHOWN IN WHITE

### 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. Data in chart reflects 3500K/80 CRI values, unless otherwise noted.

### SPECIFICATIONS

	STATIC WHITE		WARM DIM	
<b>WATTAGE</b>	Lumens	Efficacy	Lumens	Efficacy
8W	806	101	479	60
12W	1267	106	850	71
<b>CRI</b>	80+, 90+		90+	
<b>CCT</b>	2700K, 3000K, or 3500K		3000K - 1800K	
<b>COLOR CONSISTENCY</b>	1-step		2-step	
<b>VOLTAGE</b>	120V or 277V			
<b>DIMMING<sup>1</sup></b>	Standard reverse-phase, forward-phase, TRIAC, and 0-10V dimming down to 1% for 12W and 5% for 8W eidoLED 0-10V or DALI-2 down to 0.1% Lutron Hi-lume EcoSystem down to 0.1%			
<b>POWER SUPPLY</b>	Constant current driver with +0.9 power factor and +80% efficiency			
<b>BEAM SPREAD</b>	Interchangeable optics: 20°, 30°, 40°, or 60°			
<b>CEILING APPEARANCE</b>	Flush Mount, Surface Mount (Canopy), Conduit Mount (J-Box), Pendant Mount (Canopy), or Cord Mount (Canopy)			
<b>CONSTRUCTION</b>	Cylinder: Aluminum			
<b>FINISH</b>	Reflector: White, Black, or Brushed Aluminum Cylinder: White, Black, or Brushed Aluminum			
<b>GENERAL LISTINGS</b>	ETL Listed. Damp Location.			
<b>CALIFORNIA TITLE 24</b>	Registered CEC appliance database. Complies with CEC 2019 Title 24 Part 6 (JA8-2016, JA8-2019) (for 90 CRI versions).			
<b>L70</b>	50,000 hours min			
<b>WARRANTY<sup>2</sup></b>	5 years			

Data in chart reflects 3500K/80 CRI values, unless otherwise noted.

Ordering grids available on page 2.

<sup>1</sup>See visualcomfort.com for dimmer compatibility.

<sup>2</sup>Visit visualcomfort.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	CYLINDER FINISH
ENCY2R ENTRA CYLINDERS 2" ROUND	F FLUSH MOUNT <sup>1</sup>	-L08 8W (806 LMS)	835 80 CRI, 3500, 1-STEP	2 20°	D DOWNLIGHT	<b>INTEGRATED DRIVERS 120V/277V</b> -UNV UNIVERSAL PHASE/0-10V 1%/5% <sup>5</sup> (AVAILABLE FOR SURFACE MOUNT AND PENDANT MOUNT)	-B BLACK	B BLACK
	S SURFACE MOUNT (CANOPY)	-L12 12W (1267 LMS)	927 90 CRI, 2700K, 1-STEP	3 30°			-W WHITE	W WHITE
	C CONDUIT MOUNT (J-BOX) <sup>2</sup>		930 90 CRI, 3000K, 1-STEP	4 40°			-A BRUSHED ALUMINUM	A BRUSHED ALUMINUM
	P PENDANT MOUNT (CANOPY) <sup>3</sup>		9WD 90 CRI, WARM DIM, 3000-1800K, 2-STEP	6 60°				
	D CORD MOUNT (CANOPY) <sup>4</sup>					<b>REMOTE DRIVERS 120V/277V<sup>6</sup></b> -ELDO ELDOLED 0.1% 0-10V LINEAR -ELD0A ELDOLED 0.1% 0-10V LOGARITHMIC -ELDD ELDOLED 0.1% DALI-2 -UNV UNIVERSAL PHASE/0-10V 5% <sup>5,6</sup> (AVAILABLE FOR FLUSH MOUNT, CORD MOUNT, AND CONDUIT MOUNT) -HLECO LUTRON HI-LUME 0.1% ECOSYSTEM		
ENCY2R		-			D	-		

For dimming details, refer to dimmer compatibility chart.

Standard Cylinder reflectors do not accommodate any lens accessories. To use with lens accessories (max. 2), order the ENCY2LK Lens/Louver Kit.

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

<sup>2</sup>C - Conduit Mount includes custom junction box assembled at/below the ceiling.

<sup>3</sup>P - Pendant Mount for use with ECPS Cylinders pendant stems.

<sup>4</sup>D - Cord Mount includes 6 ft. of cord. Black cord used with Black and Brushed Aluminum Cylinders; White cord used with White Cylinders.

<sup>5</sup>UNV - Universal dimming is reverse-phase, forward-phase, TRIAC, and 0-10V. 277V is only compatible with 0-10V dimming. The LED driver is housed within the junction box for Pendant and Surface Mounted products and remotely for Flush, Cord, and Conduit Mounted products. Dims down to 1% for 12W and 5% for 8W.

<sup>6</sup>Remote drivers ship in 4" x 8" x 1.8" black enclosure for remote location mounting.

#### REPLACEMENT OPTICS

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

#### REFLECTOR OPTIC TOOL

PRODUCT <sup>1</sup>	
ENCY2TR ENTRA CYLINDERS 2" REFLECTOR TOOL	
ENCY2TR	

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

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

PRODUCT <sup>1</sup>	TYPE	REFLECTOR FINISH
ENCY2LK	SB SANDBLASTED LENS SF SOLITE SOFT FOCUS LENS LL LINEAR SPREAD LENS EC EGGCRATE LOUVER	-B BLACK -W WHITE -A BRUSHED ALUMINUM
ENCY2LK		-

<sup>1</sup>Required for use with lenses or louvers for Cylinders. Lens/louver 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/louver kits as this will make removal of the existing reflector significantly easier.

#### PENDANT STEMS

PRODUCT <sup>1</sup>	LENGTH <sup>2</sup>	FINISH
ECPS	12 12"	B BLACK
	24 24"	W WHITE
	36 36"	A 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

PRODUCT	FINISH
ECVA PENDANT MOUNT <sup>1</sup>	B BLACK
ECVAD SURFACE MOUNT <sup>2</sup>	W WHITE
	A BRUSHED ALUMINUM
ECVA	
ECVAD	

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

<sup>2</sup>For use with Surface Mount. Accommodates slopes up to 45 degrees.



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### CYLINDERS

#### FLUSH MOUNT



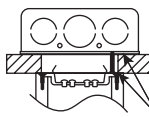
WHITE



BRUSHED ALUMINUM



BLACK



ADAPTER PLATES  
MUST BE INSTALLED  
PRIOR TO CEILING  
INSTALLATION



#### CONDUIT MOUNT (J-BOX)



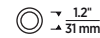
WHITE



BRUSHED ALUMINUM



BLACK



#### SURFACE MOUNT (CANOPY)



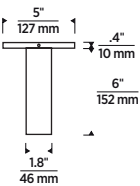
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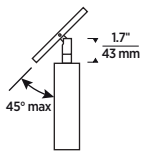
BRUSHED ALUMINUM



BLACK



VAULTED CEILING ADAPTER



#### PENDANT MOUNT (CANOPY)



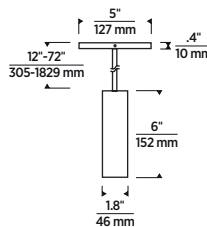
WHITE



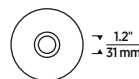
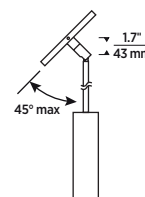
BRUSHED ALUMINUM



BLACK



VAULTED CEILING ADAPTER

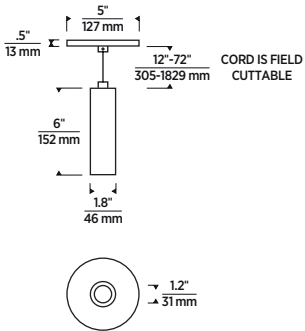


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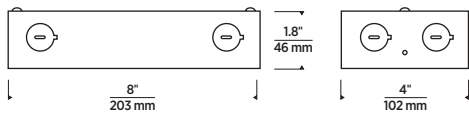
## FIXED CYLINDER

CYLINDERS, CONT.

### CORD MOUNT (CANOPY)



### 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

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

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

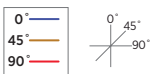
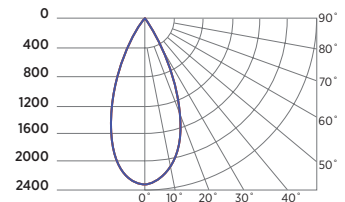
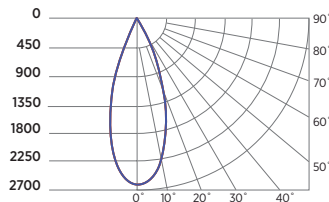
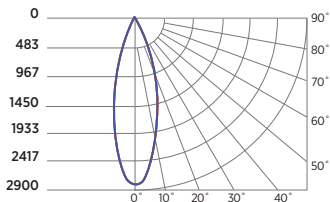
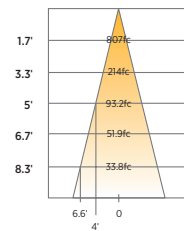
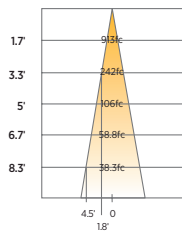
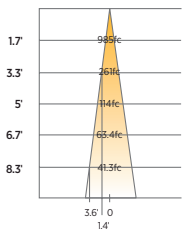
Absolute Luminous  
Flux (Lumens): 1268

Lumen Efficacy  
(Lumens per Watt): 114

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

Model: 2" 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

