

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 ¹	Standard reverse-phase, forward-phase, TRIAC, and 0-10V dimming (down to 5%) ¹ 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 ²	5 years			

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

Ordering grids available on page 2.

¹See ELEMENT-Lighting.com for dimmer compatibility.

²Visit ELEMENT-Lighting.com for specific warranty limitations and details.

ENTRA™ 2" CYLINDER

FIXED CYLINDER

ORDERING GRIDS

CYLINDER

PRODUCT	MOUNTING	OUTPUT	CRI/CCT	BEAM SPREAD	FUNCTION	DRIVERS	REFLECTOR FINISH ⁸	CYLINDER FINISH
ENCY2R ENTRA CYLINDERS 2" ROUND	F FLUSH MOUNT ¹	-L08 8W ^{4,5}	835 80 CRI, 3500, 1-STEP	2 20°	D DOWNLIGHT	INTEGRATED DRIVERS 120V/277V -UNV UNIVERSAL PHASE/0-10V 5% ^{5,6} (AVAILABLE FOR SURFACE AND PENDANT MOUNT)	-B BLACK -W WHITE -A BRUSHED ALUMINUM	B BLACK W WHITE A BRUSHED ALUMINUM
	S SURFACE MOUNT (CANOPY)	-L12 12W	927 90 CRI, 2700K, 1-STEP	3 30°				
	P PENDANT MOUNT (CANOPY) ²		930 90 CRI, 3000K, 1-STEP	4 40°				
	C CONDUIT MOUNT (J-BOX) ³		9WD 90 CRI, WARM DIM, 3000-1800K, 3-STEP	6 60°				
						REMOTE DRIVERS 120V/277V⁶		
						-ELDO ELDOLED 0.1% 0-10V LINEAR		
						-ELD0A ELDOLED 0.1% 0-10V LOGARITHMIC		
						-ELDD ELDOLED 0.1% DALI		
						-HLECO LUTRON HI-LUME 0.1% ECOSYSTEM		
						-UNV UNIVERSAL PHASE/0-10V 5% ^{5,6} (AVAILABLE FOR FLUSH MOUNT AND CONDUIT MOUNT)		
						REMOTE DRIVERS 120V⁷		
						-HL2W LUTRON HI-LUME 1% 2-WIRE		
ENCY2R		-			D	-	-	

For dimming details, refer to dimmer compatibility chart.

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

²P - Pendant mount for use with CPS Cylinders pendant stems.

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

⁴L8 - Output with UNV driver dims down to 5% min. only.

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

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

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

⁸Standard 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 TOOL¹

PRODUCT
ENCY2TR ENTRA CYLINDERS 2" REFLECTOR TOOL
ENCY2TR

¹It 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 KIT¹

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

¹Required 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 STEMS¹

PRODUCT	LENGTH ²	FINISH
ECPS	12 12"	B BLACK
	24 24"	W WHITE
	36 36"	A BRUSHED ALUMINUM
	48 48"	
	60 60"	
	72 72"	
ECPS		

¹Required for pendant mount only.

²Consult Quotes Department for custom lengths to the inch.

VAULTED CEILING ADAPTER

PRODUCT	FINISH
ECVA PENDANT MOUNT ¹	B BLACK
ECVAD DIRECT MOUNT ²	W WHITE
	A BRUSHED ALUMINUM

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

²For use with Surface Mount. Accommodates slopes up to 45 degrees.

ENTRA™ 2" CYLINDER

FIXED CYLINDER

CYLINDERS

FLUSH MOUNT



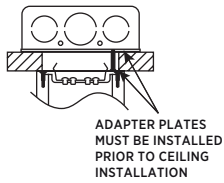
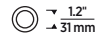
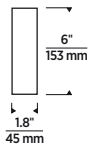
WHITE



BRUSHED ALUMINUM



BLACK



CONDUIT MOUNT (J-BOX)



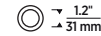
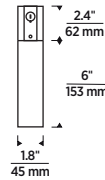
WHITE



BRUSHED ALUMINUM



BLACK



SURFACE MOUNT (CANOPY)



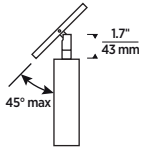
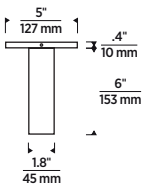
WHITE



BRUSHED ALUMINUM



BLACK



PENDANT MOUNT (CANOPY)



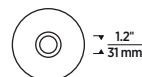
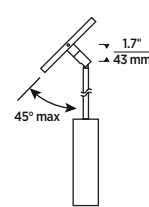
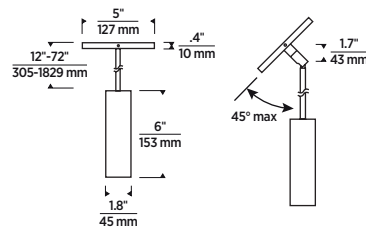
WHITE



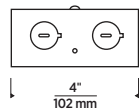
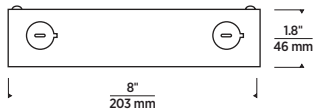
BRUSHED ALUMINUM



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

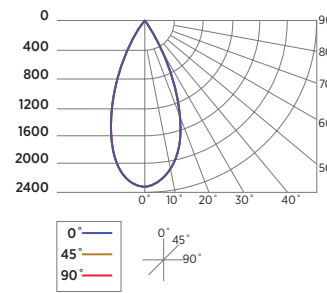
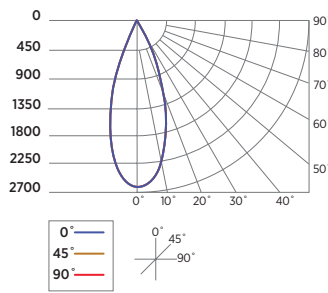
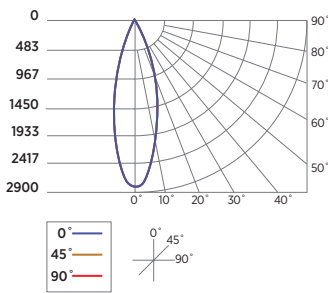
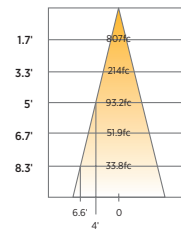
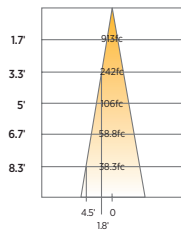
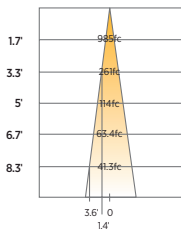
Lumen Efficacy (Lumens per Watt): 114

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

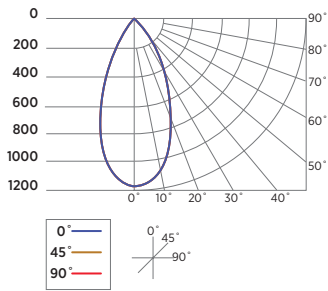
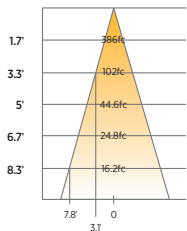
Input Power Factor: 0.99

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

JOB NAME AND INFORMATION

FIXTURE TYPE AND QUANTITY

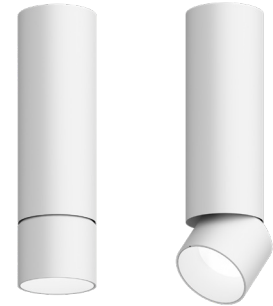
NOTES

ENTRA™ 2" CYLINDER

ADJUSTABLE CYLINDER

The ENTRA 2" Adjustable Cylinder provides a cost-effective option with a modern aesthetic for residential, hospitality and commercial applications. Engineered with a 0-45° tilt, 360° rotation and interchangeable optics, ENTRA 2" Adjustable Cylinders are a great solution for flexible illumination and aiming light where it's needed. Mounting options include flush mount, surface mount, pendant mount and conduit mount. LED is recessed in the cylinder minimizing glare with warm dimming and static white options. Available in Black, Brushed Aluminum, and White (field paintable).

- Tool-free aiming/locking: 0-45° tilt, 360° rotation
- Interchangeable optics: 20°, 30°, 40°, and 60°
- 1-step standard color binning
- 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. Static White data reflects 3500K 80 CRI values. Reference Lumen Multiplier Chart for CCT and CRI multipliers.

SPECIFICATIONS

WATTAGE	STATIC WHITE		WARM DIM	
	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 ¹	Standard reverse-phase, forward-phase, TRIAC, and 0-10V dimming (down to 5%) ¹ 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°			
ADJUSTABILITY	0-45° tilt, 360° rotation			
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 (JA8-2016, JA8-2019) (for 90 CRI versions).			
L70	50,000 hours min			
WARRANTY ²	5 years			

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

Ordering grids available on page 2.

¹See ELEMENT-Lighting.com for dimmer compatibility.

²Visit ELEMENT-Lighting.com for specific warranty limitations and details.

ENTRA™ 2" CYLINDER

ADJUSTABLE CYLINDER

ORDERING GRIDS

CYLINDER

PRODUCT	MOUNTING	OUTPUT	CRI/CCT	BEAM SPREAD	FUNCTION	DRIVERS	REFLECTOR FINISH ⁸	CYLINDER FINISH
ENCY2R ENTRA CYLINDERS 2" ROUND	F FLUSH MOUNT ¹	-L08 8W ^{4,5}	835 80 CRI, 3500, 1-STEP	2 20°	A ADJUSTABLE	INTEGRATED DRIVERS 120V/277V -UNV UNIVERSAL PHASE/0-10V 5% ^{5,6} (AVAILABLE FOR SURFACE AND PENDANT MOUNT) REMOTE DRIVERS 120V/277V -ELDO ELDOLED 0.1% 0-10V LINEAR -ELDOA ELDOLED 0.1% 0-10V LOGARITHMIC -ELDD ELDOLED 0.1% DALI -HLECO LUTRON HI-LUME 0.1% ECOSYSTEM -UNV UNIVERSAL PHASE/0-10V 5% ^{5,6} (AVAILABLE FOR FLUSH MOUNT AND CONDUIT MOUNT) REMOTE DRIVERS 120V⁷ -HL2W LUTRON HI-LUME 1% 2-WIRE	-B BLACK	B BLACK
	S SURFACE MOUNT (CANOPY)	-L12 12W	927 90 CRI, 2700K, 1-STEP	3 30°			-W WHITE	W WHITE
	P PENDANT MOUNT (CANOPY) ²		930 90 CRI, 3000K, 1-STEP	4 40°			-A BRUSHED ALUMINUM	A BRUSHED ALUMINUM
	C CONDUIT MOUNT (J-BOX) ³		9WD 90 CRI, WARM DIM, 3000-1800K, 3-STEP	6 60°				

ENCY2R

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For dimming details, refer to dimmer compatibility chart.

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

²P - Pendant mount for use with CPS Cylinders pendant stems.

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

⁴L8 - Output with UNV driver dims down to 5% min. only.

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

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

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

⁸Standard 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 TOOL¹

PRODUCT	FINISH
ENCY2TR ENTRA CYLINDERS 2" REFLECTOR TOOL	
ENCY2TR	

¹It 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 KIT¹

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

¹Required 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 STEMS¹

PRODUCT	LENGTH ²	FINISH
ECPS	12 12"	B BLACK
	24 24"	W WHITE
	36 36"	A BRUSHED ALUMINUM
	48 48"	
	60 60"	
	72 72"	
ECPS		

¹Required for pendant mount only.
²Consult Quotes Department for custom lengths to the inch.

VAULTED CEILING ADAPTER

PRODUCT	FINISH
ECVA PENDANT MOUNT ¹	B BLACK
ECVAD DIRECT MOUNT ²	W WHITE A BRUSHED ALUMINUM
ECVA	

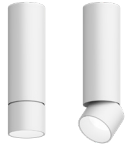
¹For use with pendant mount. Adds 1.7" to the overall length of the stem. Accommodates slopes up to 45 degrees.
²For use with Surface Mount. Accommodates slopes up to 45 degrees.

ENTRA™ 2" CYLINDER

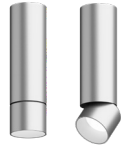
ADJUSTABLE CYLINDER

CYLINDERS

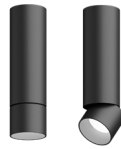
FLUSH MOUNT



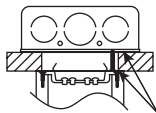
WHITE



BRUSHED ALUMINUM



BLACK



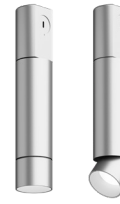
ADAPTER PLATES MUST BE INSTALLED PRIOR TO CEILING INSTALLATION



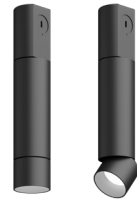
CONDUIT MOUNT (J-BOX)



WHITE



BRUSHED ALUMINUM



BLACK



SURFACE MOUNT (CANOPY)



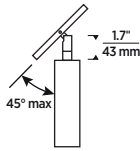
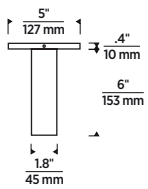
WHITE



BRUSHED ALUMINUM



BLACK



PENDANT MOUNT (CANOPY)



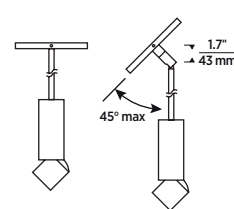
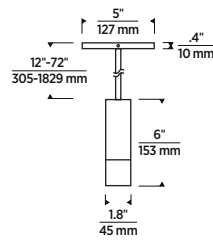
WHITE



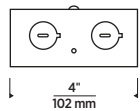
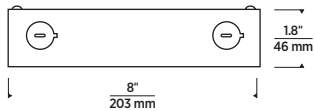
BRUSHED ALUMINUM



BLACK



REMOTE DRIVER J-BOX



ENTRA™ 2" CYLINDER

ADJUSTABLE CYLINDER

PHOTOMETRICS

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

Model: 2" Cylinder Adjustable

Input Power (Watts): 11.07

Input Power Factor: 0.99

Absolute Luminous Flux (Lumens): 907

Lumen Efficacy (Lumens per Watt): 82

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

Model: 2" Cylinder Adjustable

Input Power (Watts): 11.05

Input Power Factor: 0.99

Absolute Luminous Flux (Lumens): 979

Lumen Efficacy (Lumens per Watt): 89

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

Model: 2" Cylinder Adjustable

Input Power (Watts): 11.05

Input Power Factor: 0.99

Absolute Luminous Flux (Lumens): 1268

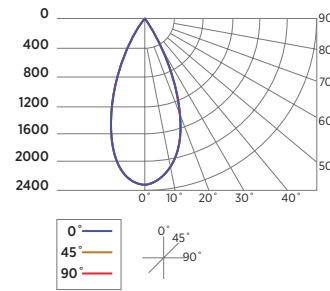
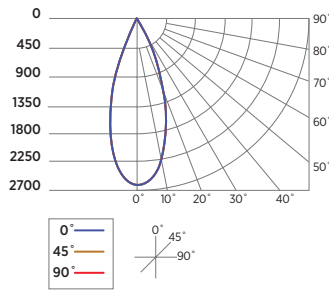
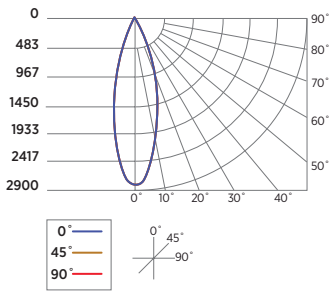
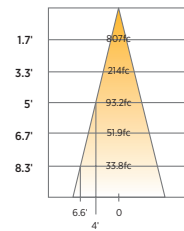
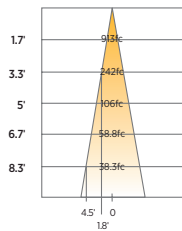
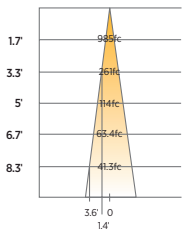
Lumen Efficacy (Lumens per Watt): 114

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

ADJUSTABLE CYLINDER

PHOTOMETRICS

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

Model: 2" Cylinder Adjustable

Input Power (Watts): 11.08

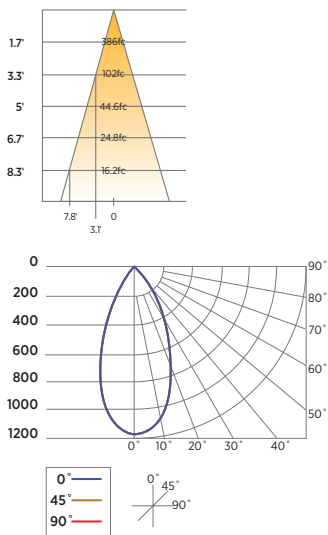
Input Power Factor: 0.99

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™ 3" CYLINDER

FIXED CYLINDER

The ENTRA 3" Fixed Cylinder provides a cost-effective option with a modern aesthetic for residential, hospitality and commercial applications. ENTRA 3" 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 (18°, 25°, 40° and 60°). 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: 18°, 25°, 40°, and 60°
- 1-step standard color binning
- Solite Soft Focus lens option

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 reflect 3500K/80 CRI values unless noted.

SPECIFICATIONS

	STATIC WHITE	WARM DIM
WATTAGE	Lumens	Efficacy
12W	1400	116
15W	1800	120
19W	2250	118
27W	2900	107
CRI	80+, 90+	90+
CBCP	18° - 8,192 25° - 6,907 40° - 4,517 60° - 3,209	
CCT	2700K, 3000K, or 3500K	3000K - 1800K
COLOR CONSISTENCY	1-step	3-step
VOLTAGE	120V or 277V	
DIMMING¹	Standard reverse-phase, forward-phase, TRIAC, and 0-10V dimming (down to 5%) ¹ 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: 18°, 25°, 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	
WARRANTY²	5 years	

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

Ordering grids available on page 2.

¹See ELEMENT-Lighting.com for dimmer compatibility.

²Visit ELEMENT-Lighting.com for specific warranty limitations and details.

ENTRA™ 3" CYLINDER

FIXED CYLINDER

ORDERING GRIDS

CYLINDER

PRODUCT	MOUNTING	OUTPUT	CRI/CCT	BEAM SPREAD	FUNCTION	DRIVERS	REFLECTOR FINISH ⁷	CYLINDER FINISH
ENCY3R ENTRA CYLINDERS 3" ROUND	F FLUSH MOUNT ¹	-L12 12W (1400 LMS)	835 80 CRI, 3500, 1-STEP	1 18°	D DOWNLIGHT	INTEGRATED DRIVERS 120V/277V -UNV UNIVERSAL PHASE/0-10V 5% ⁴	-B BLACK -W WHITE -A BRUSHED ALUMINUM	B BLACK W WHITE A BRUSHED ALUMINUM
	S SURFACE MOUNT (CANOPY)	-L15 15W (1800 LMS)	927 90 CRI, 2700K, 1-STEP	2 25°				
	P PENDANT MOUNT (CANOPY) ²	-L19 19W (2250 LMS) ⁴	930 90 CRI, 3000K, 1-STEP	4 40°				
	C CONDUIT MOUNT (J-BOX) ³	-L27 27W (2900 LMS) ⁴	9WD 90 CRI, WARM DIM, 3000-1800K, 3-STEP	6 60°				
						REMOTE DRIVERS 120V/277V⁵		
						-ELDO ELDOLED 0.1% 0-10V LINEAR		
						-ELD0A ELDOLED 0.1% 0-10V LOGARITHMIC		
						-ELDD ELDOLED 0.1% DALI		
						-HLECO LUTRON HI-LUME 0.1% ECOSYSTEM		
						REMOTE DRIVERS 120V⁵		
						-HL2W LUTRON HI-LUME 1% 2-WIRE ⁶		
ENCY3R	-				D	-	-	

For dimming details, refer to dimmer compatibility chart.

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

²P - Pendant mount for use with CPS Cylinders pendant stems.

³C - Conduit Mount includes custom junction box assembled at/below the ceiling.

⁴L19/L27 - L19 and L27 output with UNV driver dims down to 5% min only. Universal dimming is reverse-phase, forward-phase, TRIAC, and 0-10V. 277V is only compatible with 0-10V dimming.

⁵Remote drivers ship in 4" x 8" x 1.8" black enclosure for remote location mounting.

⁶HL2W - Lutron Hi-lume 2-wire driver standard phase dimming, 120V only. Not available with L19 output.

⁷Standard cylinder reflectors do not accommodate any lens accessories. To use with lens accessories (max. 2), order the ENCY3LK Lens / Louver Kit.

REPLACEMENT OPTICS

PRODUCT	BEAM SPREAD
353E4LEDCOPT	18 18° 25 25° 40 40° 60 60°
353E4LEDCOPT	

REFLECTOR OPTIC TOOL¹

PRODUCT	DESCRIPTION
ENCY3TR	ENTRA CYLINDERS 3" REFLECTOR TOOL
ENCY3TR	

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

LENS/LOUVER KIT¹

PRODUCT	TYPE	REFLECTOR FINISH
ENCY3LK	SB SANDBLASTED LENS	-B BLACK
	SF SOLITE SOFT FOCUS LENS	-W WHITE
	LL LINEAR SPREAD LENS	-A BRUSHED ALUMINUM
	EC EGGCRATE LOUVER	
ENCY3LK		-

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

PENDANT STEMS¹

PRODUCT	LENGTH ²	FINISH
ECPS	12 12"	B BLACK
	24 24"	W WHITE
	36 36"	A BRUSHED ALUMINUM
	48 48"	
	60 60"	
	72 72"	
ECPS		

¹Required for pendant mount only.

²Consult Quotes Department for custom lengths to the inch.

VAULTED CEILING ADAPTER

PRODUCT	FINISH
ECVA PENDANT MOUNT ¹	B BLACK
ECVAD DIRECT MOUNT ²	W WHITE
	A BRUSHED ALUMINUM

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

²For use with Surface Mount. Accommodates slopes up to 45 degrees.

ENTRA™ 3" CYLINDER

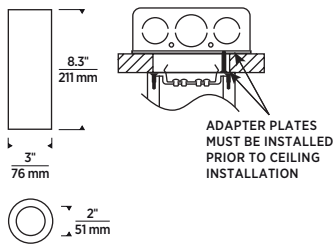
FIXED CYLINDER

CYLINDERS

FLUSH MOUNT



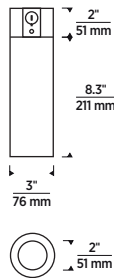
WHITE BRUSHED ALUMINUM BLACK



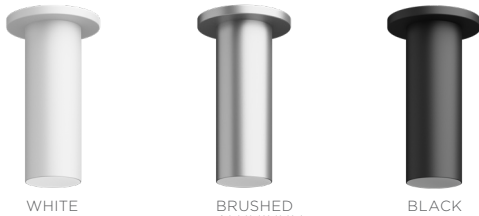
CONDUIT MOUNT (J-BOX)



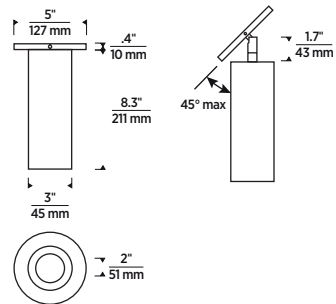
WHITE BRUSHED ALUMINUM BLACK



SURFACE MOUNT (CANOPY)



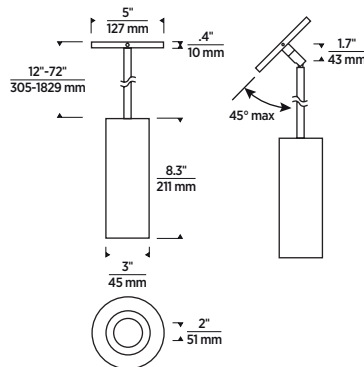
WHITE BRUSHED ALUMINUM BLACK



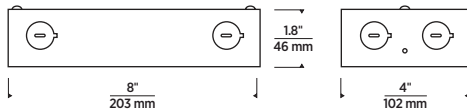
PENDANT MOUNT (CANOPY)



WHITE BRUSHED ALUMINUM BLACK



REMOTE DRIVER J-BOX



ENTRA™ 3" CYLINDER

FIXED CYLINDER

PHOTOMETRICS

Description: 3" Cylinder Fixed
18° Beam - 0° Tilt,
90 CRI, 3000K

Model: 3" Cylinder Fixed

Input Power (Watts): 32.9

Input Power Factor: 0.99

Absolute Luminous Flux (Lumens): 2494

Lumen Efficacy (Lumens per Watt): 76

Description: 3" Cylinder Fixed
25° Beam - 0° Tilt,
90 CRI, 3000K

Model: 3" Cylinder Fixed

Input Power (Watts): 32.7

Input Power Factor: 0.98

Absolute Luminous Flux (Lumens): 2456

Lumen Efficacy (Lumens per Watt): 75

Description: 3" Cylinder Fixed
40° Beam - 0° Tilt,
90 CRI, 3000K

Model: 3" Cylinder Fixed

Input Power (Watts): 32.8

Input Power Factor: 0.98

Absolute Luminous Flux (Lumens): 2584

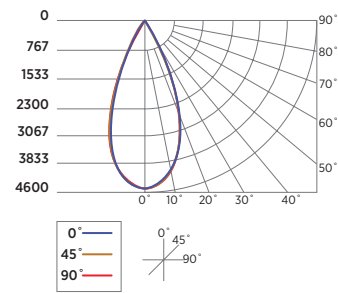
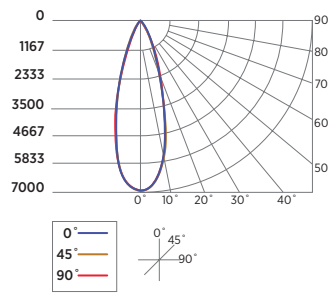
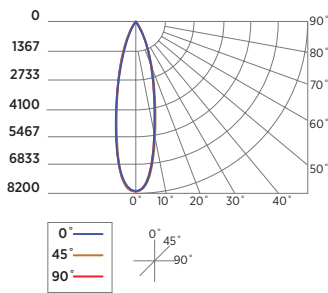
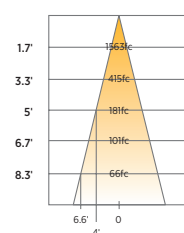
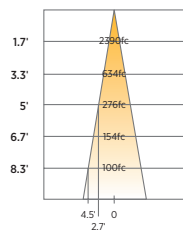
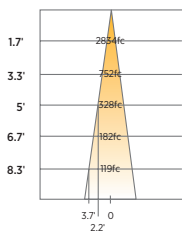
Lumen Efficacy (Lumens per Watt): 79

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

ANGLE	0°	45°	90°
0°	8192	8192	8192
5°	7438	7514	7532
10°	5277	5300	5297
15°	3190	3214	3209
20°	1898	1908	1900
25°	1066	1077	1064
30°	610	626	608
35°	319	386	325
40°	161	249	162
45°	94	145	94
50°	62	77	63
55°	37	49	37
60°	25	30	25
65°	12	16	13
70°	1	7	2
75°	0	0	0
80°	0	0	0
85°	0	0	0
90°	0	0	0

ANGLE	0°	45°	90°
0°	6907	6907	6907
5°	6578	6568	6565
10°	5455	5476	5467
15°	3575	3584	3595
20°	1856	1910	1947
25°	997	1040	1057
30°	623	654	660
35°	330	433	358
40°	153	276	165
45°	88	149	96
50°	57	73	61
55°	32	44	35
60°	19	25	21
65°	8	12	9
70°	0	4	1
75°	0	0	0
80°	0	0	0
85°	0	0	0
90°	0	0	0

ANGLE	0°	45°	90°
0°	4517	4517	4517
5°	4385	4393	4402
10°	4053	4071	4076
15°	3498	3518	3534
20°	2595	2648	2698
25°	1635	1620	1598
30°	860	850	804
35°	374	429	396
40°	179	224	190
45°	101	123	107
50°	60	75	64
55°	31	47	32
60°	19	26	20
65°	7	12	8
70°	1	3	1
75°	0	0	0
80°	0	0	0
85°	0	0	0
90°	0	0	0



ENTRA™ 3" CYLINDER

FIXED CYLINDER

PHOTOMETRICS

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

Model: 3" Cylinder Fixed

Input Power (Watts): 30.7

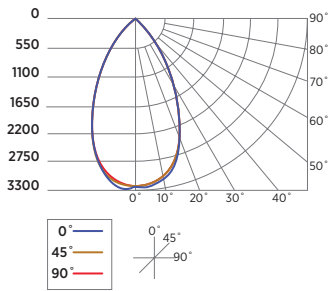
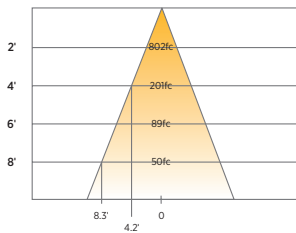
Input Power Factor: 0.98

Absolute Luminous
Flux (Lumens): 3178

Lumen Efficacy
(Lumens per Watt): 103.4

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

ANGLE	0°	45°	90°
0°	3209	3209	3209
5°	3215	3152	3158
10°	3103	3067	3068
15°	2869	2852	2881
20°	2428	2393	2468
25°	1881	1814	1930
30°	1398	1324	1441
35°	982	939	1038
40°	597	603	681
45°	334	359	393
50°	186	202	210
55°	89	118	98
60°	46	74	50
65°	25	38	27
70°	6	15	7
75°	4	4	4
80°	3	3	3
85°	1	1	1
90°	0	0	0

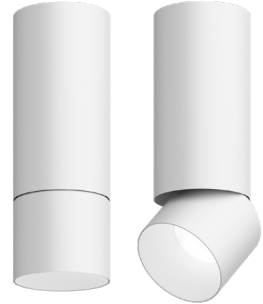


ENTRA™ 3" CYLINDER

ADJUSTABLE CYLINDER

The ENTRA 3" Adjustable Cylinder provides a cost-effective option with a modern aesthetic for residential, hospitality and commercial applications. Engineered with a 0-45° tilt, 360° rotation and interchangeable optics, ENTRA 3" Adjustable Cylinders are a great solution for flexible illumination and aiming light where it's needed. Mounting options include Flush mount, surface mount, pendant mount and conduit mount. LED is recessed in the cylinder minimizing glare with warm dimming and static white options. Available in Black, Brushed Aluminum, and White (field paintable).

- Tool-free aiming/locking: 0-45° tilt, 360° rotation
- Interchangeable optics: 18°, 25°, 40°, and 60°
- 1-step standard color binning
- Solite Soft Focus lens option



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 reflect 3500K/80 CRI values unless noted.

SPECIFICATIONS

WATTAGE	STATIC WHITE		WARM DIM	
	Lumens	Efficacy	Lumens	Efficacy
12W	1400	116	1000	75
15W	1800	120	1300	70
19W	2250	118	1600	68
27W	2900	107	2400	65
CRI	80+, 90+		90+	
CBCP	18° - 8,192 25° - 6,907 40° - 4,517 60° - 3,209			
CCT	2700K, 3000K, or 3500K		3000K - 1800K	
COLOR CONSISTENCY	1-step		3-step	
VOLTAGE	120V or 277V			
DIMMING ¹	Standard reverse-phase, forward-phase, TRIAC, and 0-10V dimming (down to 5%) ¹ 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: 18°, 25°, 40°, or 60°			
ADJUSTABILITY	0-45° tilt, 360° rotation			
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 ²	5 years			

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

Ordering grids available on page 2.

¹See ELEMENT-Lighting.com for dimmer compatibility.

²Visit ELEMENT-Lighting.com for specific warranty limitations and details.

ENTRA™ 3" CYLINDER

ADJUSTABLE CYLINDER

ORDERING GRIDS

CYLINDER

PRODUCT	MOUNTING	OUTPUT	CRI/CCT	BEAM SPREAD	FUNCTION	DRIVERS	REFLECTOR FINISH ⁷	CYLINDER FINISH
ENCY3R ENTRA CYLINDERS 3" ROUND	F FLUSH MOUNT ¹	-L12 12W (1400 LMS)	835 80 CRI, 3500, 1-STEP	1 18°	A ADJUSTABLE	INTEGRATED DRIVERS 120V/277V -UNV UNIVERSAL PHASE/0-10V 5% ⁴	-B BLACK -W WHITE -A BRUSHED ALUMINUM	B BLACK W WHITE A BRUSHED ALUMINUM
	S SURFACE MOUNT (CANOPY)	-L15 15W (1800 LMS)	927 90 CRI, 2700K, 1-STEP	2 25°				
	P PENDANT MOUNT (CANOPY) ²	-L19 19W (2250 LMS) ⁴	930 90 CRI, 3000K, 1-STEP	4 40°				
	C CONDUIT MOUNT (J-BOX) ³	-L27 27W (2900 LMS) ⁴	9WD 90 CRI, WARM DIM, 3000-1800K, 3-STEP	6 60°				
						REMOTE DRIVERS 120V/277V⁵		
						-ELDO ELDOLED 0.1% 0-10V LINEAR		
						-ELD0A ELDOLED 0.1% 0-10V LOGARITHMIC		
						-ELDD ELDOLED 0.1% DALI		
						-HLECO LUTRON HI-LUME 0.1% ECOSYSTEM		
						REMOTE DRIVERS 120V⁵		
						-HL2W LUTRON HI-LUME 1% 2-WIRE ⁶		
ENCY3R	-				A	-	-	

For dimming details, refer to dimmer compatibility chart.

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

²P - Pendant mount for use with CPS Cylinders pendant stems.

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

⁴L19/L27 - L19 and L27 output with UNV driver dims down to 5% min only. Universal dimming is reverse-phase, forward-phase, TRIAC, and 0-10V. 277V is only compatible with 0-10V dimming.

⁵Remote drivers ship in 4" x 8" x 1.8" black enclosure for remote location mounting.

⁶HL2W - Lutron Hi-lume 2-wire driver standard phase dimming, 120V only. Not available with L19 output.

⁷Standard cylinder reflectors do not accommodate any lens accessories. To use with lens accessories (max. 2), order the ENCY3LK lens/louver kit.

REPLACEMENT OPTICS

PRODUCT	BEAM SPREAD
353E4LEDCOPT	18 18° 25 25° 40 40° 60 60°
353E4LEDCOPT	

REFLECTOR OPTIC TOOL¹

PRODUCT	
ENCY3TR ENTRA CYLINDERS 3" REFLECTOR TOOL	
ENCY3TR	

¹It 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 KIT¹

PRODUCT	TYPE	REFLECTOR FINISH
ENCY3LK	SB SANDBLASTED LENS	-B BLACK
	SF SOLITE SOFT FOCUS LENS	-W WHITE
	LL LINEAR SPREAD LENS	-A BRUSHED ALUMINUM
	EC EGGRATE LOUVER	
ENCY3LK		-

¹Required 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 STEMS¹

PRODUCT	LENGTH ²	FINISH
ECPS	12 12"	B BLACK
	24 24"	W WHITE
	36 36"	A BRUSHED ALUMINUM
	48 48"	
	60 60"	
	72 72"	
ECPS		

¹Required for pendant mount only.

²Consult Quotes Department for custom lengths to the inch.

VAULTED CEILING ADAPTER

PRODUCT	FINISH
ECVA PENDANT MOUNT ¹	B BLACK
ECVAD DIRECT MOUNT ²	W WHITE
	A BRUSHED ALUMINUM

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

²For use with Surface Mount. Accommodates slopes up to 45 degrees.

ENTRA™ 3" CYLINDER

ADJUSTABLE CYLINDER

CYLINDERS

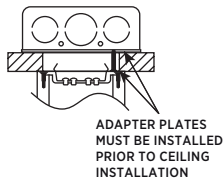
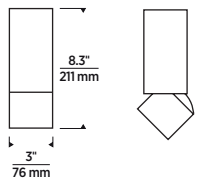
FLUSH MOUNT



WHITE

BRUSHED ALUMINUM

BLACK



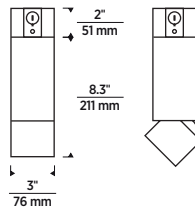
CONDUIT MOUNT (J-BOX)



WHITE

BRUSHED ALUMINUM

BLACK



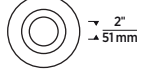
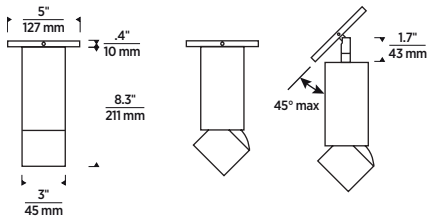
SURFACE MOUNT (CANOPY)



WHITE

BRUSHED ALUMINUM

BLACK



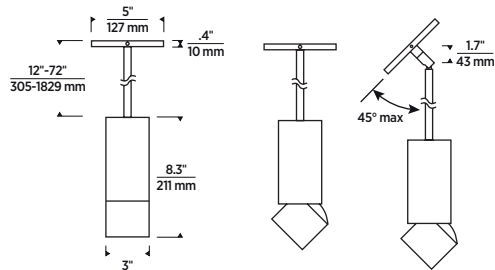
PENDANT MOUNT (CANOPY)



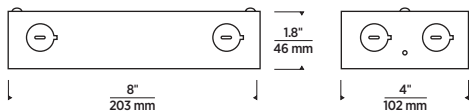
WHITE

BRUSHED ALUMINUM

BLACK



REMOTE DRIVER J-BOX



ENTRA™ 3" CYLINDER

ADJUSTABLE CYLINDER

PHOTOMETRICS

Description: 3" Cylinder Adjustable
18° Beam - 0° Tilt,
90 CRI, 3000K

Model: 3" Cylinder Adjustable

Input Power (Watts): 32.9

Input Power Factor: 0.99

Absolute Luminous Flux (Lumens): 2494

Lumen Efficacy (Lumens per Watt): 76

Description: 3" Cylinder Adjustable
25° Beam - 0° Tilt,
90 CRI, 3000K

Model: 3" Cylinder Adjustable

Input Power (Watts): 32.7

Input Power Factor: 0.98

Absolute Luminous Flux (Lumens): 2456

Lumen Efficacy (Lumens per Watt): 75

Description: 3" Cylinder Adjustable
40° Beam - 0° Tilt,
90 CRI, 3000K

Model: 3" Cylinder Adjustable

Input Power (Watts): 32.8

Input Power Factor: 0.98

Absolute Luminous Flux (Lumens): 2584

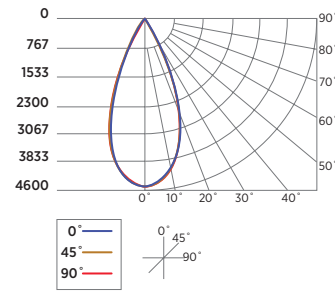
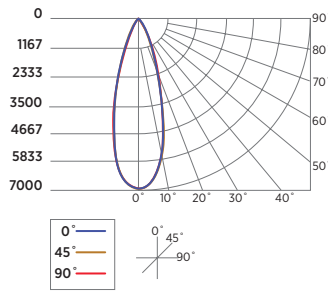
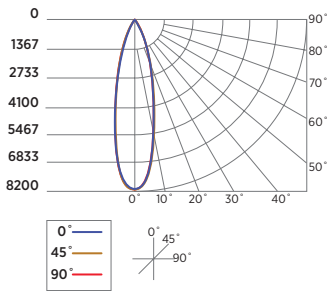
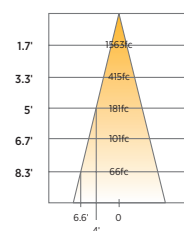
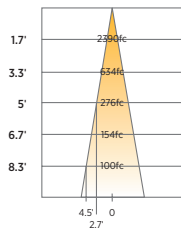
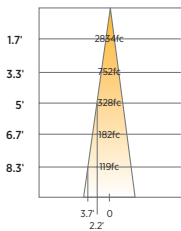
Lumen Efficacy (Lumens per Watt): 79

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

ANGLE	0°	45°	90°
0°	8192	8192	8192
5°	7438	7514	7532
10°	5277	5300	5297
15°	3190	3214	3209
20°	1898	1908	1900
25°	1066	1077	1064
30°	610	626	608
35°	319	386	325
40°	161	249	162
45°	94	145	94
50°	62	77	63
55°	37	49	37
60°	25	30	25
65°	12	16	13
70°	1	7	2
75°	0	0	0
80°	0	0	0
85°	0	0	0
90°	0	0	0

ANGLE	0°	45°	90°
0°	6907	6907	6907
5°	6578	6568	6565
10°	5455	5476	5467
15°	3575	3584	3595
20°	1856	1910	1947
25°	997	1040	1057
30°	623	654	660
35°	330	433	358
40°	153	276	165
45°	88	149	96
50°	57	73	61
55°	32	44	35
60°	19	25	21
65°	8	12	9
70°	0	4	1
75°	0	0	0
80°	0	0	0
85°	0	0	0
90°	0	0	0

ANGLE	0°	45°	90°
0°	4517	4517	4517
5°	4385	4393	4402
10°	4053	4071	4076
15°	3498	3518	3534
20°	2595	2648	2698
25°	1635	1620	1598
30°	860	850	804
35°	374	429	396
40°	179	224	190
45°	101	123	107
50°	60	75	64
55°	31	47	32
60°	19	26	20
65°	7	12	8
70°	1	3	1
75°	0	0	0
80°	0	0	0
85°	0	0	0
90°	0	0	0



ENTRA™ 3" CYLINDER

ADJUSTABLE CYLINDER

PHOTOMETRICS

Description: 3" Cylinder Adjustable
60° Beam - 0° Tilt,
80 CRI, 3000K

Model: 3" Cylinder Adjustable

Input Power (Watts): 30.7

Input Power Factor: 0.98

Absolute Luminous
Flux (Lumens): 3178

Lumen Efficacy
(Lumens per Watt): 103.4

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

ANGLE	0°	45°	90°
0°	3209	3209	3209
5°	3215	3152	3158
10°	3103	3067	3068
15°	2869	2852	2881
20°	2428	2393	2468
25°	1881	1814	1930
30°	1398	1324	1441
35°	982	939	1038
40°	597	603	681
45°	334	359	393
50°	186	202	210
55°	89	118	98
60°	46	74	50
65°	25	38	27
70°	6	15	7
75°	4	4	4
80°	3	3	3
85°	1	1	1
90°	0	0	0

