

CYLINDER 3 INTERNATIONAL SUSPENDED CABLE UP/DOWN



Our best-selling cylinders keep getting better. Suspended cylinders are offered in a broad range of sizes and more than a dozen finish options, with field-cuttable cables and lumens from 800 to almost 4000lm.

PROJECT NAME:

TYPE:



ORDERING INFORMATION

CYLINDER	LENGTH	FUNCTION	RATING	CYLINDER FINISH	BAFFLE FINISH	CRI / WATTAGE PACKAGE	CCT	LOWER OPTIC (UGR)	LOWER MEDIA	POWER SUPPLY	MOUNTING
CP3X		U	1								EXMP
CP3X 99mm Ø	096W 96" White	U Up/Down	1 Dry / Damp (IP30)	POWDERCOAT FINISHES	POWDERCOAT FINISHES	 STATIC WHITE 80S11B 80+ CRI, 11W Down, 14W Up Down: 1240 lm delivered Up: 1235 lm delivered 80S17B 80+ CRI, 17W Down, 14W Up Down: 1943 lm delivered Up: 1235 lm delivered 90S11B 90+ CRI, 11W Down, 14W Up Down: 1060 lm delivered Up: 1074 lm delivered 90S17B 90+ CRI, 11W Down, 14W Up Down: 1661 lm delivered Up: 1074 lm delivered	24 2400K* *(90+ CRI only)	10 10°* (<10) *(17 Watts only)	STANDARD MEDIA 4 Soft Focus Lens (SFL)* *(Required for 10° optic) ALTERNATE MEDIA 0 No Lens* *(Not available for Warm Dim) 2 Honey Comb Louver (HCL)* *(Not available for Warm Dim) 3 Clear Glass Lens (CGL)* *(Not available for Warm Dim)	REMOTE (220-277V) 2EG eldoLED, SOLOdrive 0.1% 0-10V, LOG 2EN eldoLED, SOLOdrive 0.1% 0-10V, LIN 2ED eldoLED, SOLOdrive 0.1% DALI, LOG 2LD eldoLED, SOLOdrive 0.1% DALI, LIN	EXMP Export Mounting Plate Features 89mm diameter canopy
	192W 192" White			WH White	WH White						
	096B 96" Black			AG Satin Silver	AG Satin Silver						
	192B 192" Black			AU Cashmere Gold	AU Cashmere Gold						
	XXXB Black Cable*			AB Architectural Bronze	AB Architectural Bronze						
	XXXW White Cable*			BB Burnt Bronze	BB Burnt Bronze						
	*(Specify length in inches)			BK Black	BK Black						
	(Cable is field cuttable)			CF Custom Finish *(Consult Factory)	CF Custom Finish* *(Consult Factory)						
				ALUMINA FINISHES	ALUMINA FINISHES	 WARM DIM 90W24B 90+ CRI, 24W Down, 14W Up Down: 1777 lm delivered Up: 1227 lm delivered	WD 3000K - 1800K	20 20° (<10) 25 25° (<10) 40 40° (<10) 60 60° (<10)	4 Frosted Glass Lens (FGL) 6 Frosted Soft Focus Lens (FSFL) 7 Frosted Linear Spread Lens (FSL) C Clear Glass Film w/ Honeycomb Louver S Soft Focus Film w/ Honeycomb Louver		
				01 Brushed Obsidian	01 Brushed Obsidian						
				02 Matte Obsidian	02 Matte Obsidian						
				03 Brushed Dark Patinated Bronze	03 Brushed Dark Patinated Bronze						
				04 Matte Dark Patinated Bronze	04 Matte Dark Patinated Bronze						
				05 Brushed Aged Aluminum	05 Brushed Aged Aluminum						
				06 Matte Aged Aluminum	06 Matte Aged Aluminum						
				07 Brushed Cast Brass	07 Brushed Cast Brass						
				08 Matte Cast Brass	08 Matte Cast Brass						
				09 Brushed Light Patinated Bronze	09 Brushed Light Patinated Bronze						
				10 Matte Light Patinated Bronze	10 Matte Light Patinated Bronze						

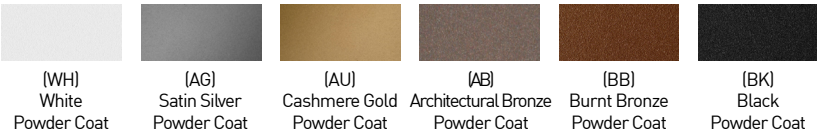
ALUMINA FINISHES BY LUCIFER LIGHTING™



PART NUMBER NOTES

- CP3X ships as e.g., CP3X048U1WHBK80S23B30402EG24
- Remote driver ships as e.g., PS-RMT-80S23B-2EA2

POWDERCOAT FINISHES



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ACCESSORIES

REPLACEMENT MEDIA

- ☐ **SFL-CY3X-03** Soft Focus Lens
- ☐ **HCL-CY3X-03** Honeycomb Louver *
- ☐ **CGL-CY3X-03** Clear Glass Lens *
- ☐ **FGL-CY3X-03** Frosted Glass Lens
- ☐ **FSFL-CY3X-03** Frosted Soft Focus Lens
- ☐ **FLSL-CY3X-03** Frosted Linear Spread Lens
- ☐ **CGL-HCL-CY3X-03** Clear Glass Film W/ Honeycomb Louver
- ☐ **SFL-HCL-CY3X-03** Soft Focus Film W/ Honeycomb Louver

STATIC WHITE REPLACEMENT OPTICS

- ☐ **RO-70-15-S** 15° optic
- ☐ **RO-70-20-S** 20° optic
- ☐ **RO-70-25-S** 25° optic
- ☐ **RO-70-40-S** 40° optic
- ☐ **RO-70-60-S** 60° optic

WARM DIM REPLACEMENT OPTICS

- ☐ **RO-70-20-W** 20° optic
- ☐ **RO-70-25-W** 25° optic
- ☐ **RO-70-40-W** 40° optic
- ☐ **RO-70-60-W** 60° optic

EMERGENCY LIGHTING - REMOTE MOUNT ONLY

During disruption of main power, emergency battery inverter provides temporary 120V or 277V to fixture.

- ☐ **EMB-S-25-120/277-LEDX** 25 watt max capacity, 120 or 277 VAC 60Hz
- ☐ **EMB-S-100-120-LEDX** 100 watt max capacity, 120 VAC 60Hz, 0-10V dimmable
- ☐ **EMB-S-100-277-LEDX** 100 watt max capacity, 277 VAC 60Hz, 0-10V dimmable
- ☐ **EMB-S-250-120/277-LEDX** 250 watt max capacity, 120 or 277 VAC 60Hz

***SHUNT REQUIRED FOR USE WITH ATHENA AND CASAMBI CONTROLS, CONSULT FACTORY FOR DETAILS.**

CYLINDER 3 INTERNATIONAL SUSPENDED CABLE UP/DOWN

STATIC WHITE PERFORMANCE - 3000K

LUMEN PACKAGE	WATTAGE	10° OPTIC SOFT FOCUS LENS		15° OPTIC SOFT FOCUS LENS		20° OPTIC SOFT FOCUS LENS		25° OPTIC SOFT FOCUS LENS		40° OPTIC SOFT FOCUS LENS		60° OPTIC SOFT FOCUS LENS	
		DLVD	LPW	DLVD	LPW	DLVD	LPW	DLVD	LPW	DLVD	LPW	DLVD	LPW
80S11B	11	-	-	1169	106	1240	112	1243	112	1185	107	1156	105
80S17B	17	819	48	1771	104	1943	114	1931	113	1858	109	1801	105
80S23B	23	-	-	2301	100	2559	111	2541	110	2409	104	2373	103
90S11B	11	-	-	1008	91	1060	96	1062	96	1013	92	988	89
90S17B	17	706	42	1527	89	1661	97	1650	97	1588	93	1539	90
90S23B	23	-	-	1984	86	2187	95	2172	94	2059	89	2028	88
90W24BL (2700K-1800K)	24	-	-	-	-	1642	68	1626	67	1556	64	1491	62
90W24BD (3000K-1800K)	24	-	-	-	-	1777	74	1742	72	1685	70	1600	66

MEDIA LIGHT LOSS FACTOR	
MEDIA	LIGHT LOSS FACTOR
No Lens	1.07
CGL	0.99
SFL	1.00
FGL	0.88
FSFL	0.91
FLSL	0.81
HCL	0.71
SFL+HCL	0.66

OUTPUT MULTIPLIER	
CCT	CCT SCALE
2400K	0.76
2700K	0.957
3000K	1.000
3500K	1.019
4000K	1.030

UPLIGHT PERFORMANCE BY CCT

LUMEN PACKAGE	WATTAGE	2700K CCT		3000K CCT		3500K CCT		4000K CCT		1800K-300K WARM DIM	
		DLVD	LPW	DLVD	LPW	DLVD	LPW	DLVD	LPW	DLVD	LPW
80S14L	14	1198	87	1235	88	1289	94	1336	97		
90S14L	14	988	73	1074	78	1129	82	1062	96		
90W14LD (2700K-1800K)	14									1227	77

Part L 75+ LPW configurations comply with residential Part L
95+ LPW configurations comply with commercial Part L

UNIFIED GLARE RATING

10° OPTIC SOFT FOCUS LENS	15° OPTIC SOFT FOCUS LENS	20° OPTIC SOFT FOCUS LENS	25° OPTIC SOFT FOCUS LENS	40° OPTIC SOFT FOCUS LENS	60° OPTIC SOFT FOCUS LENS
<10	<13	<10	<10	<10	<13

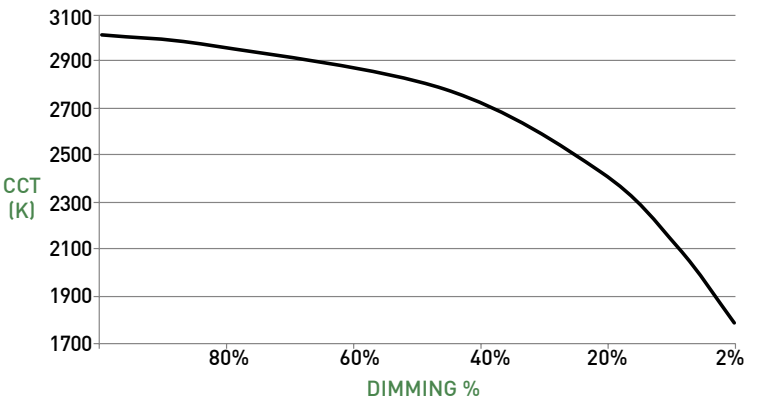
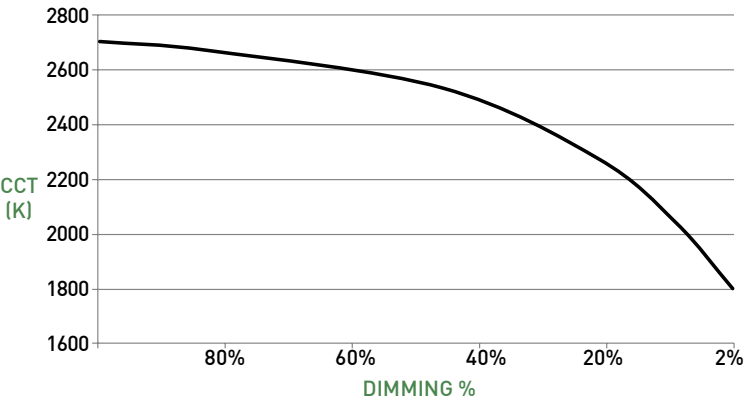
WARM DIM PERFORMANCE - SOFT FOCUS LENS - 20° OPTIC

INCANDESCENT DIMMING PROFILE

90W24BL 2700K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
CCT (K)	2700	2650	2620	2520	2180	1950	1800
Light Output (Lm)	1642	1314	1149	821	328	164	33
Power (W)	24	19	17	12	5	2.4	0.5
Efficacy (LPW)	68	68	68	68	68	68	68

HALOGEN DIMMING PROFILE

90W24BD 3000K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
CCT (K)	3000	2950	2920	2775	2375	2000	1800
Light Output (Lm)	1777	1422	1244	889	355	178	36
Power (W)	24	19	17	12	5	2.4	0.5
Efficacy (LPW)	74	74	74	74	74	74	74



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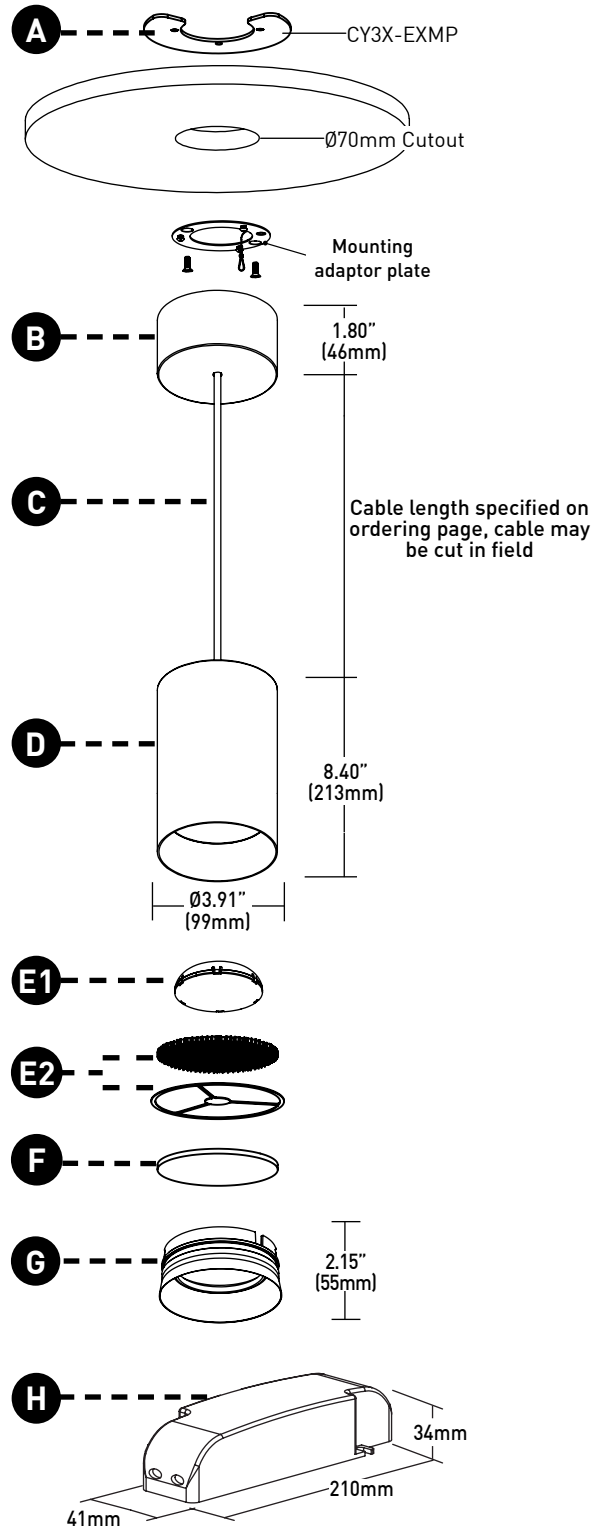
PENDANT

DIMENSIONS / DRAWINGS

- A EXPORT MOUNTING PLATE**
Export mounting plate (concealed) to be installed above ceiling substrate. Features minimalist 89mm diameter canopy.
- B CANOPY**
Die-cast 1.80" (46mm) canopy accommodates flat and slope ceiling conditions. Conceals hidden twist-on mounting hardware. Available with integral or remote driver.
- C CABLE**
Black and white wiring harness available; up to 192.0" length; cable may be cut in field.
- D LUMINAIRE**
Die-cast body with integral heat sink and LED.
- E1 OPTICS**
Robust light engine with optimized optic pairing integrates Reflection, Refraction, and TIR offering 10°, 15°, 20°, 25°, 40° & 60° beams.
- E2 10° FIELD REDUCER**
Included with 10° optic. Reduces field angle by 16%.
- F MEDIA**
Cylinder baffle assembly can accept 2 lenses; soft focus lens or no lens standard and sealed in place.
- G BAFFLE**
Die-cast baffle minimizes aperture glare and conceals view into fixture.

REMOTE POWER SUPPLY

- H Remote power supply** provides additional driver options. See page 5 for maximum allowable wiring distance. Must be installed in an accessible location.



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TECHNICAL

CONSTRUCTION

Pendant: Die-cast aluminum body with integrated heat sink; painted finishes are granulated powder coat. Alumina finishes are anodized aluminum.
Remote Power Supply: 22 Gauge galvanized steel.

STATIC WHITE LED

2-step MacAdam ellipse LED module available in 80+, 90+ and 97+ CRI configurations in color temperatures of 2700K, 3000K, 3500K and 4000K.
3-step MacAdam ellipse LED module available in 90+ CRI configuration in color temprtature of 2400K. Average rated lamp life: 50,000 hours. LED and driver assemblies are field-replaceable. Average rated lamp life of 50,000 hours. LED and driver assemblies are field-replaceable.

WARM DIM LED

3-step MacAdam ellipse warm dim LED module available in 90+ CRI configuration. 3000K or 2700K at full brightness, warming to 1800K at full dim. Average rated lamp life of 50,000 hours. LED and driver assemblies are field-replaceable.

POWER SUPPLY PERFORMANCE AND DIMMING INFORMATION

	PHASE		0-10V		DALI	
Power Supply	2IE	2EG	2EN	2ED	2LD	
Minimum °C	-20 °C	-20 °C	-20 °C	-20 °C	-20 °C	
Maximum °C	40 °C	40 °C	40 °C	40 °C	40 °C	
Dimming %	2.0%	0.1%	0.1%	0.1%	0.1%	

Note: For EG and EN drivers consult chart on page 6 to confirm appropriate dimming curve for compatibility with selected control.

MAXIMUM ALLOWABLE REMOTE DRIVER WIRING DISTANCES

DRIVER	WIRE AWG				
	12	14	16	18	20
2EG, 2EN, 2ED, 2LD	-	-	118'	72	46'

LISTING

Cylinders and drivers CE Listed for Dry / Damp locations.
Integral drivers ENEC and CB Listed.

DECLARE

LBC Red List Approved.

PART L

Part L compliant for all 75+ LPW residential and 95+ LPW commercial configurations.

FIXTURE WEIGHT

CP3X / Mounting - 5 lbs
Remote Driver - 1.4 lbs

WARRANTY

Manufacturer's 1-year warranty guarantees product(s) listed to be free from defects in material and workmanship under normal use and service. 5-year warranty on LED and power supply to operate with 70% of the original flux and remain within a range of 3 duv. 10-year Lutron Advantage limited warranty available on Lutron equipped systems. Warranty period begins from the date of shipment by Seller. Consult [website](#) for full warranty terms and conditions.

CHANGE LOG

- 2/15/2024: PART L COMPLIANCE ADDED
- 3/15/2024: 10 DEGREE FIELD REDUCER ADDED, 10 DEGREE PERFORMANCE DATA UPDATED

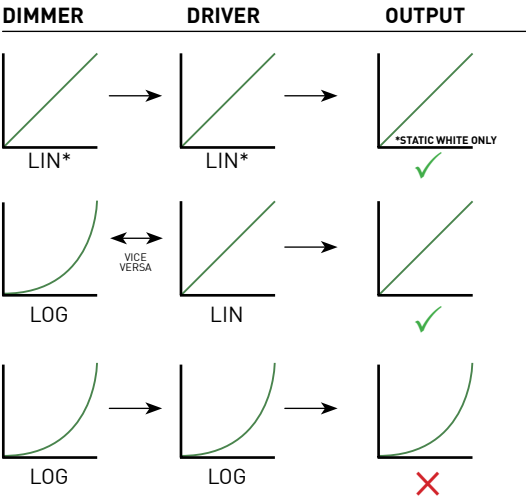
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DIMMING COMPATIBILITY

eldoLED DRIVER COMPATIBILITY

Power supply EG Manufacturer	Family/Model #
Busch-Jaeger	2112U-101
Jung	240-10
Leviton Lighting Controls	IP710-DLX
Lightolier Controls	ZP600FAM120
Merten	5729
Pass & Seymour	CD4FB-W
The Watt Stopper	DCLV1
Synergy	ISD BC
Crestron®	GLX-DIMFLV8
Crestron®	GLXP-DIMFLV8
Crestron®	GLPAC-DIMFLV4-*
Crestron®	GLPAC-DIMFLV8-*
Crestron®	GLPP-DIMFLVEX-PM
Crestron®	GLPP-1DIMFLV2EX-PM
Crestron®	GLPP-1DIMFLV3EX-PM
Crestron®	DIN-A08
Crestron®	DIN-4DIMFLV4
Crestron®	CLS-EXP-DIMFLV
Crestron®	CLCI-1DIMFLV2EX
Power supply EN Manufacturer	Family/Model #
Lutron Electronics	Nova T® - NTFTV
Lutron Electronics	Diva® - DDTV
Lutron Electronics	Nova® - NFTV
Lutron Electronics	GrafixEye® GRX-TVI w GRX3503
Lutron Electronics	Energy Savr Node™ - QSN-4T16-S
Lutron Electronics	TVM2 Module
Sensor Switch	nIO EZ
ABB	SD/S 2.16.1

ANALOG DRIVERS AND DIMMERS



LIN = LINEAR
LOG = LOGARITHMIC
*LIN-TO-LIN NOT COMPATIBLE FOR WARM DIM