CYLINDER 1 INTERNATIONAL
SUSPENDED CABLE

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	OPTIC	MEDIA	POWER SUPPLY	MOUNTING
CP1X		**D**	**1**								**EXMP**
CP1X 64mm Ø	**096W** 96" White **192W** 192" White **096B** 96" Black **192B** 192" Black **XXXB** Black Cable* **XXXW** White Cable* ***(Specify length in inches)** ***(Cable is field cuttable)**	**D** Downlight	**1** Dry / Damp (IP30)	**POWDERCOAT FINISHES** **WH** White **AG** Satin Silver **AU** Cashmere Gold **AB** Architectural Bronze **BB** Burnt Bronze **BK** Black **CF** Custom Finish* *(Consult Factory) **ALUMINA FINISHES** **01** Brushed Obsidian **02** Matte Obsidian **03** Brushed Dark Patinated Bronze **04** Matte Dark Patinated Bronze **05** Brushed Aged Aluminum **06** Matte Aged Aluminum **07** Brushed Cast Brass **08** Matte Cast Brass **09** Brushed Light Patinated Bronze **10** Matte Light Patinated Bronze **FINISH IMAGES ON PAGE 2**	**POWDERCOAT FINISHES** **WH** White **AG** Satin Silver **AU** Cashmere Gold **AB** Architectural Bronze **BB** Burnt Bronze **BK** Black **CF** Custom Finish* *(Consult Factory) **ALUMINA FINISHES** **01** Brushed Obsidian **02** Matte Obsidian **03** Brushed Dark Patinated Bronze **04** Matte Dark Patinated Bronze **05** Brushed Aged Aluminum **06** Matte Aged Aluminum **07** Brushed Cast Brass **08** Matte Cast Brass **09** Brushed Light Patinated Bronze **10** Matte Light Patinated Bronze **FINISH IMAGES ON PAGE 2**	**STATIC WHITE** **80S11A** 80+ CRI, 11 Watts 1104 lm delivered **80S17A** 80+ CRI, 17 Watts 1643 lm delivered **90S11A** 90+ CRI, 11 Watts 952 lm delivered **90S17A** 90+ CRI, 17 Watts 1416 lm delivered **97S11A** 97+ CRI, 11 Watts 838 lm delivered **97S17A** 97+ CRI, 17 Watts 1246 lm delivered **WARM DIM** **90W18A** 90+ CRI, 18 Watts Incandescent Profile 1216 lm delivered Halogen Profile 1202 lm delivered ***SEE PAGE 3 FOR DETAILED PERFORMANCE CONFIGURATIONS AND WARM DIM PROFILE COMPARISON.** **TUNABLE WHITE (REMOTE DRIVER ONLY)** **90T17A** 90+ CRI, 17 Watts Cool Profile 1251 lm delivered Warm Profile 1291 lm delivered ***ALL DELIVERED LUMEN OUTPUTS REFLECT 3000K PAIRED WITH 60° OPTIC AND SOFT FOCUSLENS.**	**24** 2400K* *(90+CRI only) **27** 2700K **30** 3000K **35** 3500K **40** 4000K **WL** 2700K - 1800K **WD** 3000K - 1800K **TH** 5000K - 2700K **TR** 4000K - 1800K	**10** 10°* (<16) *(17 Watts only) **15** 15° (<16) **20** 20° (<10) **25** 25° (<10) **40** 40° (<10) **60** 60° (<16) **20** 20° (<10) **25** 25° (<10) **40** 40° (<10) **60** 60° (<16) **15** 15° (<16) **20** 20° (<10) **25** 25° (<10) **40** 40° (<10) **60** 60° (<16) ***SEE PAGE 3 FOR UGR VALUES**	**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) **4** Frosted Glass Lens (FGL) **6** Frosted Soft Focus Lens (FSFL) **7** Frosted Linear Spread Lens (FLSL) **C** Clear Glass Film w/ Honeycomb Louver **S** Soft Focus Film w/ Honeycomb Louver	**INTEGRAL** **2IE** Electronic Forward / Reverse 220V-240V **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 **TUNABLE WHITE REMOTE (220-277V)** **2DD** eldoLED, DUALdrive 0.1% DALI, LOG	**EXMP** Export Mounting Plate Features 76mm diameter canopy

PART NUMBER NOTES

- Ships as e.g., CP1X096BD1WHWH80S17A30402EG24
- Remote driver ships as e.g., PS-RMT-80S17A-2EA2

Part L Red List Approved Declare.

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CYLINDER 1 INTERNATIONAL SUSPENDED CABLE

ACCESSORIES

REPLACMENT MEDIA

- ☐ **SFL-CY1X-03** Soft Focus Lens
- ☐ **HCL-CY1X-03** Honeycomb Louver *

***(Not available for Warm Dim)**

- ☐ **CGL-CY1X-03** Clear Glass Lens *

***(Not available for Warm Dim)**

- ☐ **FGL-CY1X-03** Frosted Glass Lens
- ☐ **FSFL-CY1X-03** Frosted Soft Focus Lens
- ☐ **FLSL-CY1X-03** Frosted Linear Spread Lens
- ☐ **CGL-HCL-CY1X-03** Clear Glass Film W/ Honeycomb Louver
- ☐ **SFL-HCL-CY1X-03** Soft Focus Film W/ Honeycomb Louver

STATIC WHITE REPLACEMENT OPTICS

- ☐ **RO-50-15-S** 15° optic
- ☐ **RO-50-20-S** 20° optic
- ☐ **RO-50-25-S** 25° optic
- ☐ **RO-50-40-S** 40° optic
- ☐ **RO-50-60-S** 60° optic

WARM DIM REPLACEMENT OPTICS

- ☐ **RO-50-20-W** 20° optic
- ☐ **RO-50-25-W** 25° optic
- ☐ **RO-50-40-W** 40° optic
- ☐ **RO-50-60-W** 60° optic

TUNABLE WHITE REPLACEMENT OPTICS

- ☐ **RO-50-15-T** 15° optic
- ☐ **RO-50-20-T** 20° optic
- ☐ **RO-50-25-T** 25° optic
- ☐ **RO-50-40-T** 40° optic
- ☐ **RO-50-60-T** 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.**

POWDERCOAT FINISHES

(WH) White Powder Coat | (AG) Satin Silver Powder Coat | (AU) Cashmere Gold Powder Coat | (AB) Architectural Bronze Powder Coat | (BB) Burnt Bronze Powder Coat | (BK) Black Powder Coat

ALUMINA FINISHES BY LUCIFER LIGHTING™

(01) Brushed Obsidian | (03) Brushed Dark Patinated Bronze | (05) Brushed Aged Aluminum | (07) Brushed Cast Brass | (09) Brushed Light Patinated Bronze

(02) Matte Obsidian | (04) Matte Dark Patinated Bronze | (06) Matte Aged Aluminum | (08) Matte Cast Brass | (10) Matte Light Patinated Bronze

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CYLINDER 1 INTERNATIONAL SUSPENDED CABLE

STATIC WHITE PERFORMANCE - 3000K

LUMEN PACKAGE	WATTS	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
80S11A	11	-	-	891	76	1080	98	1088	98	1002	91	1104	100
80S17A	17	587	35	1451	73	1623	95	1624	95	1495	88	1643	96
90S11A	11	-	-	846	76	931	84	938	85	864	78	952	86
90S17A/C	17	506	30	1251	73	1399	82	1400	82	1291	75	1416	83
97S11A	11	-	-	744	67	819	74	825	75	760	69	838	76
97S17A/C	17	437	26	1101	64	1231	72	1232	72	1136	66	1246	73
90W18AL (2700K-1800K)	18	-	-	-	-	1049	61	1023	60	930	54	997	58
90W18AD (3000K-1800K)	18	-	-	-	-	1039	61	1014	59	934	54	979	57
90T17ATR (4000K-1800K)	17	-	-	1112	65	1230	72	1234	72	1157	68	1291	75
90T17ATH (5000K-2700K)	17	-	-	1100	64	1213	71	1215	71	1174	69	1251	73

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

OUTPUT MULTIPLIER

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

MEDIA LIGHT LOSS FACTOR

MEDIA	LIGHT LOSS FACTOR
No Lens	1.07
CGL	0.99
SFL	1.00
FGL	0.90
FSFL	0.84
FLSL	0.85
HCL	0.68
SFL+HCL	0.63

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
<16	<16	<10	<10	<10	<16

TUNABLE WHITE MULTIPLIER

CCT	5000K-2700K	4000K-1800K
5000K	1.16	-
4000K	1.08	1.14
3500K	1.04	1.07
3000K	1.00	1.00
2700K	0.96	0.92
2400K	-	0.84
1800K	-	0.69

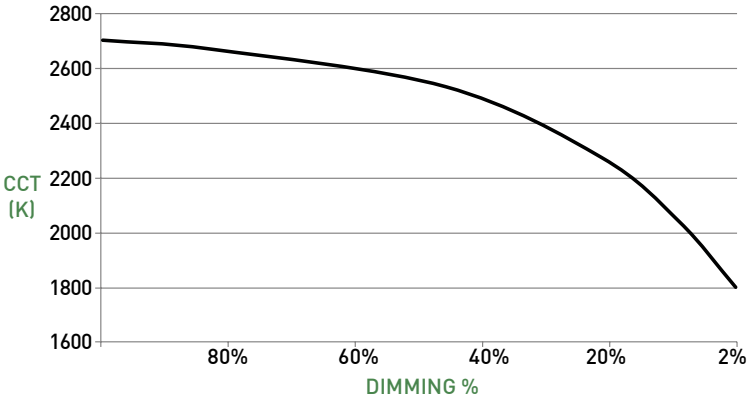
WARM DIM PERFORMANCE - SOFT FOCUS LENS - 60˚ OPTIC

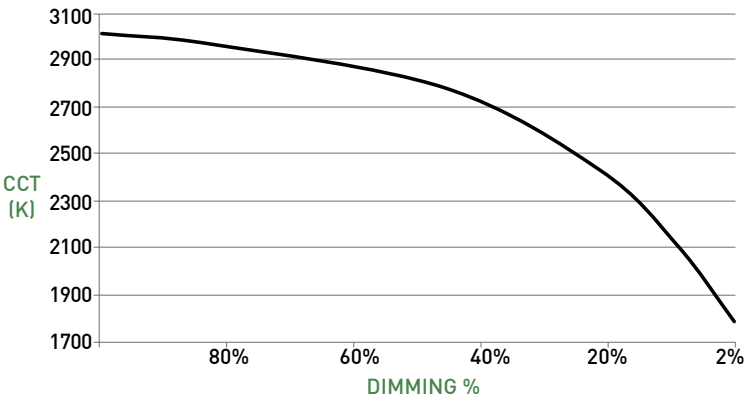
INCANDESCENT DIMMING PROFILE

90W18AL 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)	1216	973	851	608	243	122	24
Power (W)	18	14	13	9	4	2	0.4
Efficacy (LPW)	67	67	67	67	67	67	67

HALOGEN DIMMING PROFILE

90W18AD 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)	1202	962	841	601	240	120	24
Power (W)	18	14	13	9	4	2	0.4
Efficacy (LPW)	66	66	66	66	66	66	66





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PENDANT

A EXPORT MOUNTING PLATE
Export mounting plate (concealed) to be installed above ceiling substrate. Features minimalist 76mm diameter canopy.

B CANOPY
Die-cast 1.60" (41mm) canopy accommodates flat and slope ceiling conditions. Conceals hidden twist-on mounting hardware. Available with integral or remote driver.

C CABLE
Black or white cable 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 10%

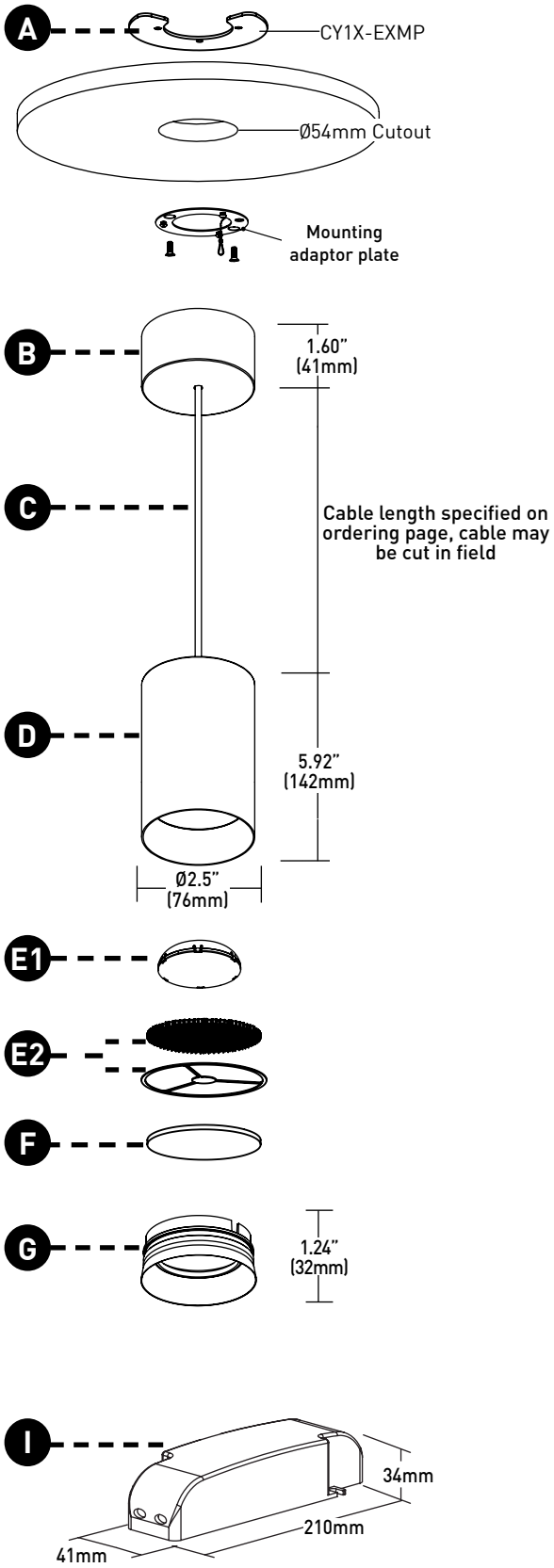
F MEDIA
Cylinder baffle assembly can accept 2 lenses; soft focus lens or no lens standard and sealed in place.

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 maxiumum allowable wiring distance. Must be installed in an accessible location.

DIMENSIONS / DRAWINGS



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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.

TUNABLE WHITE LED

3-Step MacAdam ellipse tunable white LED module available in 90+ CRI configuration. Features tuning range of 2700K to 5000K and 1800K to 4000K. Average rated lamp life of 50,000 hours. Driver assemblies are field-replaceable.

POWER SUPPLY PERFORMANCE AND DIMMING INFORMATION

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

	WIRE AWG				
DRIVER	12	14	16	18	20
2EG, 2EN, 2ED, 2LD, 2DD	-	-	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

CP1X / Mounting - 4 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

1. 2/15/2024: PART L COMPLIANCE ADDED
2. 3/15/2024: 10 DEGREE FIELD REDUCER ADDED, 10 DEGREE PERFORMANCE DATA UPDATED

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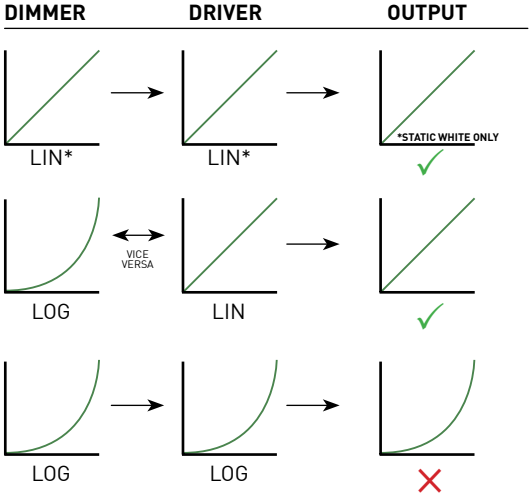
DIMMING COMPATIBILITY

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-AO8
Crestron®	DIN-4DIMFLV4
Crestron®	CLS-EXP-DIMFLV
Crestron®	CLCI-1DIMFLV2EX
Power supply **EN Manufacturer**	**Family/Model #**
Lutron Electronics	Nova T® - NTFTV
Lutron Electronics	Diva® - DVTV
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

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