CYLINDER 3

SUSPENDED CABLE UP/

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.





ORDERING INFORMATION

Quick Ship Product. All rough in components ship within 10 days

PROJECT NAME:

148-2022 COMPLIANCE INDICATED BY SHADING

CYLINDER	LENGTH	FUNCTION	RATING	CYLINDER FINISH	BAFFLE FINISH	CRI / WATTAGE PACKAGE	ССТ	LOWER OPTIC (UGR)	LOWER MEDIA	POWER SUPPLY	MOUNTING
СРЗХ		U	1								
11 0 11 X X *(996W 96" White 192W 192" White 196B 96" Black 192B 192" Black CXXB Black Cable* CXXW White Cable* (CXCH United and Inches) 1 (Cable is field Cuttable)	U Up/Down		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	 05 Brushed Aged Aluminum 06 Matte Aged Aluminum 07 Brushed Cast Brass 	90W15A 90+ CRI, 15 Down, 14W Up Incandescent Profile Down: 1144 Im delivered Up: 1227 Im delivered Halogen Profile Down: 1076 Im delivered Up: 1227 Im delivered 90W24B 90+ CRI, 24W Down, 14W Up Incandescent Profile Down: 1642 Im delivered Up: 1227 Im delivered	24 2400K* *190+CRI only) 27 2700K 30 3000K 35 3500K 40 4000K WL 2700K- 1800K WL 2700K- 1800K WL 2700K- 1800K	*117 Watts only) 15 15° (<13) 20 20° (<10) 25 25° (<10) 40 40° (<13) 60 60° (<13) 20 20° (<10) 25 25° (<10) 40 40° (<10) 60 60° (<10)	*(Required for 10° optic) ALTERNATE MEDIA O No Lens* *(Not available for Warm Dim) Houver (HCL)* *(Not available for Warm Dim) Clear Glass Lens (CGL)* *(Not available for Warm Dim) For Sted Glass Lens (FGL) Frosted Glass Lens (FGL) Frosted Soft Focus Lens (FSFL)	INTEGRAL 1SN 0-10V, 1% LIN 1SG 0-10V, 1% LIN 1SG 0-10V, 1% LOS PH6 Forward/Reverse Phase, 1%* *I11B & 15A packages only REMOTE [120V] (17 WATI MAXIMUM) 1TR Philips, 2% Forward/Reverse 1RE Forward/Reverse REMOTE [120-277V] URA 0-10V Analog* *INOT Analog*	Flate FINISH OUT CMJB * 1/2" and 3/4" Conduit Ceiling Mount Junction Box* *(Available in powdercoat finishes. Alumina finish fixtures ship with Black powdercoat CMJB.] SMK3 3/0 Surface Mount Kit* SMK4 4/0 Surface Mount Kit* *(Available in powdercoat finishes.)

POWDERCOAT FINISHES

luciferlighting.com



Burnt Bronze Powder Coat





PART NUMBER NOTES

- CP3X ships as e.g., CP3X048U1WHBK80S23B1SN4
- Remote driver ships as e.g., PS-RMT-80S23B-11SN
- Mounting part numbers listed on page 5

ALUMINA FINISHES BY LUCIFER LIGHTING™









ACCESSORIES

REPLACMENT MEDIA

□ SFL-CY3X-03 Soft Focus Lens
□ HCL-CY3X-03 Honeycomb Louver *

*(Not available for Warm Dim)

□ CGL-CY3X-03 Clear Glass Lens *

*(Not available for Warm Dim)

□ 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

 □ R0-70-15-S
 15° optic

 □ R0-70-20-S
 20° optic

 □ R0-70-25-S
 25° optic

 □ R0-70-40-S
 40° optic

 □ R0-70-60-S
 60° optic

WARM DIM REPLACEMENT OPTICS

 □ R0-70-20-W
 20° optic

 □ R0-70-25-W
 25° optic

 □ R0-70-40-W
 40° optic

 □ R0-70-60-W
 60° optic

SUCTION CUP TOOL

□ CYX-TOOL-SUCTION Baffle removal tool, provided with every 5 fixtures

EMERGENCY LIGHTING - REMOTE MOUNT ONLY

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

□ **EMB-S-100-120-LEDX**□ **EMB-S-100-277-LEDX**100 watt max capacity, 120 VAC 60Hz, 0-10V dimmable
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.

STATIC WHITE PERFORMANCE - 3000K

LUMEN	WATTAGE	10° C FIELD R	PTIC EDUCER		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	
PACKAGE		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/C	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/C	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	
90W15AL (2700K-1800K)	15	-	-	-	-	1642	71	1626	70	1556	67	1491	65	
90W15AD (3000K-1800K)	15	-	-	-	-	1777	77	1742	75	1685	73	1600	69	
90W24BL (2700K-1800K)	24	-	-	-	-	1642	71	1626	70	1556	67	1491	65	
90W24BD (3000K-1800K)	24	-	-	-	-	1777	77	1742	75	1685	73	1600	69	



UNIFIED GLARE RATING

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

UPLIGHT PERFORMANCE BY CCT

ССТ	WATTAGE	805	14L	90S14L		
CCI	WATTAGE	DLVD	LPW	DLVD	LPW	
2700K	14	1198	87	988	73	
3000K	14	1235	88	1074	78	
3500K	14	1289	94	1129	82	
4000K	14	1336	97	1062	96	
ССТ	WATTAGE	(30		14LD K WARM DIM)		
		DL	VD	LPW		
3000K- 1800K	14	11	98	7	3	

OUTPUT MULTIPLIER

ССТ	CCT SCALE
2400K	0.76
2700K	0.957
3000K	1.000
3500K	1.019

1.030

MEDIA LIGHT LOSS FACTOR

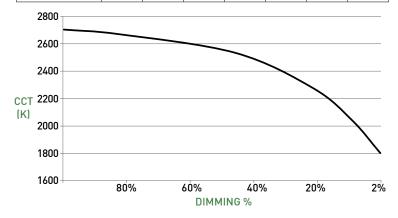
MEDIA	LIGHT LOSS FACTOR
No Lens	1.07
CGL	0.99
SFL	1.00
FGL	0.88
FSFL	0.91
FLSL	0.81
HCL	0.71
SFL+HCL	0.66

WARM DIM PERFORMANCE - SOFT FOCUS LENS - 20° OPTIC

INCANDESCENT DIMMING PROFILE

90W15AL 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)	1076	861	753	538	215	108	22
Power (W)	15	12	11	8	3	1.5	0.3
Efficacy (LPW)	72	72	72	72	72	72	72

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	18	16	12	5	2.3	0.5
Efficacy (LPW)	71	71	71	71	71	71	71

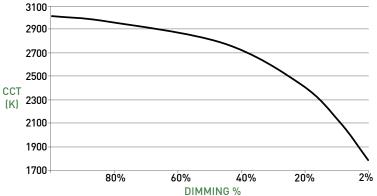


HALOGEN DIMMING PROFILE

4000K

90W15AD 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)	1144	915	801	572	229	114	23
Power (W)	15	12	11	8	3	1.5	0.3
Efficacy (LPW)	76	76	76	76	76	76	76

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	18	16	12	5	2.3	0.5
Efficacy (LPW)	74	74	74	74	74	74	74



PENDANT

A CANOPY

Die-cast 2.15" (55mm) canopy accommodates flat and slope ceiling conditions. Conceals hidden twist-on mounting hardware. Available with integral or remote driver.

B CABLE

Black and white wiring harness available; up to 192.0" length; cable may be cut in field.

C LUMINAIRE

Die-cast body with integral heat sink and LED.

OPTICS

Robust light engine with optimized optic pairing integrates Reflection, Refraction, and TIR offering 10°, 15°, 20°, 25°, 40° & 60° beams. Uplight does not feature optic.

10° FIELD REDUCER

Included with 10° optic. Reduces field angle by 16%.

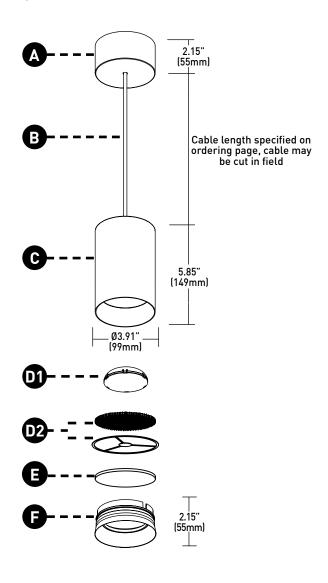
MEDIA

Cylinder baffle assembly can accept 2 lenses; soft focus lens or no lens standard. Uplight media features high performance diffusion film.

BAFFLE

Die-cast baffle minimizes aperture glare and conceals view into fixture.

DIMENSIONS / DRAWINGS





MOUNTING

Ø **JBMP**

Mounting plate (concealed) for standard 4" square or 4" 4/0 j-box . To be installed during rough-in prior to substrate. Fixture to mount flush with minimalist transition to ceiling.

Part Number - CP3X-JBMP

Surface mount kit includes mounting plate and 4" concealer plate that installs between fixture and standard 3" 3/0 j-box for existing applications where standard j-box cutout is to be concealed.

Part Number - CP3X-SMK-3/0-(FINISH)

SMK4

Surface mount kit includes mounting plate and 5" concealer plate that installs between fixture and standard 4" 4/0 j-box for existing applications where standard j-box cutout is to be concealed.

Part Number - CP3X-SMK-4/0-(FINISH)

CMJB

Ceiling mount junction box perfectly matches the cylinder profile for a continuous, integrated look where exposed ceiling mount junction box and conduit applications apply. For use with 1/2" and 3/4" EMT conduit only. Features two conduit entrances on either side and one conduit knockout on top of j-box. J-box is IP10 rated; painted finishes only. Blank off plugs included.

Part Number - CP3X-CMJB-(FINISH)

MOUNTING NOTES

- JBMP and SMK-3/0 & 4/0 not recommended for use with pancake style j-box.
- Fixtures are surface mount and must have access to free air. For applications involving slat ceilings or confined mounting, consult Comprehensive Install Guide for required clearances for proper air flow and servicing.

REMOTE POWER SUPPLY

PS-RMT

Remote power supply must be mounted in accessible area. Mounting device still required. Consult page 7 for dimming compatibility list. Consult install guide for complete details of suitable controls, wiring diagrams, and maximum allowable secondary run lengths between PS-RMT and cylinder.

ATHENA / CASAMBI CONTROL

Controls integrated into remote driver assembly. All equipment is serviceable.

Athena Model Number: A-WN-D01-RF-BL & DC-0EM-DBI

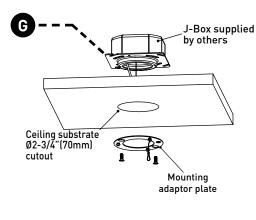
Casambi Model Number: BT-S1E1-5400

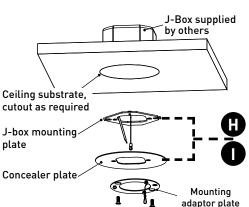
ATHENA / CASAMBI EM SHUNT

Inlcuded with drivers specified as ASR, ADR, CSR, or CDR. One required for each wireless EM fixture, requires class 2 control wiring between fixture and shunt. Features integrated test switch

Model Number: PS-RMT-SHUNT

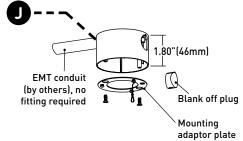
DIMENSIONS / DRAWINGS

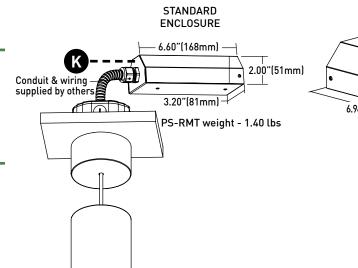




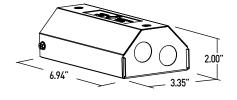
ATHENA / CASAMBI

ENCLOSURE

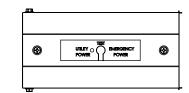








reserves the right to change or withdraw specifications without prior notice.





pg. 5

TECHNICAL

CONSTRUCTION

Pendant: Die-cast aluminum body with integrated heat sink; painted finishes are granulated powder coat. Alumina finishes are anodized aluminum.

CMJB: Die-cast aluminum body; painted finishes are granulated powder coat.

Remote Power Supply: 22 Gauge galvanized steel.

STATIC WHITE LED

2-step MacAdam ellipse LED module available in 80+, 90+ and 95+ 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.

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 fieldreplaceable.

POWER SUPPLY PERFORMANCE AND DIMMING INFORMATION

	PHA	SE		0-10V				EC0	D/	ALI	ATHENA	CASAMBI
Power Supply	PH6	1TR	URA	UAN	ULN	UEG	UEN	ULH	UED	ULD	UAS	UCS
Minimum °C	-20 °C	-20°C	-20°C	-20°C	-20°C	-20°C	-20°C	0°C	-20°C	-20°C	0°C	-20°C
Maximum °C	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C
Dimming %	1.0%	2.0%	1.0%	1.0%	1.0%	0.1%	0.1%	1.0%	0.1%	0.1%	0.1%	0.1%

Note: For 1TR, ULH, UAN, ULN, UEG and UEN drivers consult chart on page 8 to confirm appropriate dimming curve for compatibility with selected control.

MAXIMUM ALLOWABLE REMOTE DRIVER WIRING DISTANCES

		٧	VIRE AW	G	
DRIVER	12	14	16	18	20
PH6	-	164	105'	66'	40'
URA, 1TR, UAN, ULN	285	180′	113'	71'	45'
ULH	60'	40'	25	15'	-
UEG, UEN, UED, ULD, UAS, UCS	-	-	118'	72	46'

Cylinder is supplied with a mounting adaptor plate, which integrates with required additional mounting accessories specified separately according to field application conditions, providing a minimalist transition from standard 4/0 or 4" square junction boxes and accommodating ceiling thicknesses of 0.44" (12mm) to 0.75" (19mm). Ceiling-mount junction box available for 1/2" (13mm) and 3/4" (19mm) conduit and feature concealed internal clamps for clean fitting-free conduit exit and entry.

cTUVus listed to UL1598 standard for Dry / Damp (IP30) location. Title 24 JA8-2022 Listed. NEMA 410 Compliant. Buy American Act compliant.

DECLARE

LBC Declared.

FIXTURE WEIGHT

CP3X / Mounting - 5 lbs Remote Driver - 1.4 lbs

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

1.03/15/2024: ADDED 10 DEGREE FIELD REDUCER, UPDATED 10 DEGREE PERFORMANCE DATA.

2.05/06/2024: ADDED 15W WARM DIM DOWNLIGHT PACKAGE, UPDATED DRIVER WATTAGE PARAMETERS.

3.07/22/2024: REMOVED L2 DRIVER.





reserves the right to change or withdraw specifications without prior notice.

DIMMING COMPATIBILITY

PHILIPS DRIVER COMPATIBILITY

Power supply 1TR Manufacturer	Family/Model #
Lutron Electronics	DV-600P
Lutron Electronics	DVELV-303P
Lutron Electronics	NTELV-600
Lutron Electronics	MAELV-600
Lutron Electronics	SELV-300P
Lutron Electronics	DVLV-600P
Lutron Electronics	NFTU-5A
Lutron Electronics	CTCL-153P
Lutron Electronics	GL-600H
Lutron Electronics	S-600P
Lutron Electronics	PHPM
Power supply UAN / ULN Manufacturer	Family/Model #
Lutron Electronics	DVTV plus PP-DV
Lutron Electronics	DVSCTV plus PP-DV
Lutron Electronics	DVSTV
Lutron Electronics	DVSCSTV
Lutron Electronics	QSGRJ-XP plus GRX-TVI
Lutron Electronics	QSGRJ-XE plus GRX-TVI
Lutron Electronics	QSGR-XE plus GRX-TVI
Lutron Electronics	NFTV plus PP-DV
Lutron Electronics	NTSTV
Lutron Electronics	RMJ-5T
Lutron Electronics	RMJS-8T
Edit off Etooti offico	
Lutron Electronics	FCJS-010
	FCJS-010 IllumaTch IP7 series

LUTRON DRIVER COMPATIBILITY

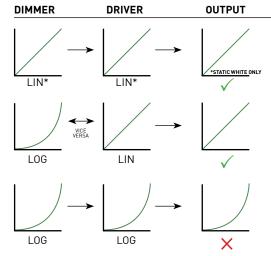
Power supply ULH Lutron Product Family	Part No.
PowPak Dimming Modules	RMJ-EC032-DV-B
PowPak Dimming Modules	FCJ/FCJS-ECO
Energi Savr Nodes	QSN-1ECO-S
GRAFIK Eye QS control unit Homeworks QS control unit	QSN-2ECO-S
GRAFIK Eye QS control unit Homeworks QS control unit	QSGRJE (wireless) QSGRE
Quantum Hub	QP22C
Quantum Hub	QP24C
Quantum Hub	QP26C
Quantum Hub	QP28C
Homeworks QS power module myRoom Plus power module	LQSE-2ECO-D



eldoLED DRIVER COMPATIBILITY

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

ANALOG DRIVERS AND DIMMERS



LIN = LINEAR LOG = LOGARITHMIC

*LIN-TO-LIN NOT COMPATIBLE FOR WARM DIM