

# 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-cutable cables and lumens from 800 to almost 4000lm.




## ORDERING INFORMATION



Quick Ship Product. All rough in components ship within 10 days up to quantities of 100.



JA8-2022 COMPLIANCE INDICATED BY SHADING

CYLINDER	LENGTH	FUNCTION	RATING	CYLINDER FINISH	BAFFLE FINISH	CRI / WATTAGE PACKAGE	CCT	LOWER OPTIC (UGR)	LOWER MEDIA	POWER SUPPLY	MOUNTING				
CP3X		U	1												
CP3X 3.91" Ø	096W 96" White	U Up/Down	1 Dry / Damp (IP30)	POWDERCOAT FINISHES	POWDERCOAT FINISHES	 STATIC WHITE		24 2400K* *(90+ CRI only)	10 10** (<10) *(17 Watts only)	STANDARD MEDIA 4 Soft Focus Lens (SFL)* *(Required for 10" optic)	INTEGRAL 15N 0-10V, 1% LIN 15G 0-10V, 1% LOG PH6 Forward/Reverse Phase, 1%* *(11B & 15A packages only)  REMOTE (120V) 1TR Philips, 2% Forward/Reverse* *(17W Max) 1RE Forward/Reverse  REMOTE (120-277V) URA 0-10V Analog ULH Lutron Hi-Lume Ecosystem 1% Fade to Black UAN Philips Xitanium 1% 0-10V, LOG ULN Philips Xitanium 1% 0-10V, LIN UEG eldoLED, 0.1% 0-10V, LOG UEN eldoLED, 0.1% 0-10V, LIN UED eldoLED, 0.1% DALI-2, LOG ULD eldoLED, 0.1% DALI-2, LIN UAS1/ Athena Control EldoLED 0.1% 120-277V* UCS1/Casambi Control UCSR EldoLED 0.1% 120-277V* *(Includes Node. Extended lead time, consult factory. UASR/UCSR includes shunt.)	ROUGH-IN JBMP 4" Sq. or 4/0 Junction Box Mounting Plate			
	192W 192" White			WH White	WH White			80S11B 80+ CRI, 11W Down, 14W Up Down: 1240 lm delivered Up: 1235 lm delivered	27 2700K				15 15° (<13)		
	096B 96" Black			AG Satin Silver	AG Satin Silver	80S17B 80+ CRI, 17W Down, 14W Up Down: 1943 lm delivered Up: 1235 lm delivered	30 3000K	20 20° (<10)	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) 5 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						
	192B 192" Black			AU Cashmere Gold	AU Cashmere Gold	80S23B 80+ CRI, 23W Down, 14W Up Down: 2559 lm delivered Up: 1235 lm delivered	35 3500K	25 25° (<10)							
	XXXB Black Cable*			AB Architectural Bronze	AB Architectural Bronze	90S11B 90+ CRI, 11W Down, 14W Up Down: 1060 lm delivered Up: 1074 lm delivered	40 4000K	40 40° (<10)							
	XXXW White Cable*			BB Burnt Bronze	BB Burnt Bronze	90S17B 90+ CRI, 17W Down, 14W Up Down: 1661 lm delivered Up: 1074 lm delivered		60 60° (<13)							
	*(Specify length in inches)			BK Black	BK Black	90S23B 90+ CRI, 23W Down, 14W Up Down: 1642 lm delivered Up: 1074 lm delivered									
	*(Cable is field cuttable)			CF Custom Finish* *(Consult Factory)	CF Custom Finish* *(Consult Factory)	ALUMINA FINISHES	ALUMINA FINISHES								
				01 Brushed Obsidian	01 Brushed Obsidian	90W15A 90+ CRI, 15 Down, 14W Up Incandescent Profile Down: 1144 lm delivered Up: 1227 lm delivered	WL 2700K - 1800K	20 20° (<10)							
				02 Matte Obsidian	02 Matte Obsidian	Halogen Profile Down: 1076 lm delivered Up: 1227 lm delivered	WD 3000K - 1800K	25 25° (<10)							
				03 Brushed Dark Patinated Bronze	03 Brushed Dark Patinated Bronze	90W24B 90+ CRI, 24W Down, 14W Up Incandescent Profile Down: 1642 lm delivered Up: 1227 lm delivered	WL 2700K - 1800K	40 40° (<10)							
				04 Matte Dark Patinated Bronze	04 Matte Dark Patinated Bronze	Halogen Profile Down: 1777 lm delivered Up: 1227 lm delivered	WD 3000K - 1800K	60 60° (<10)							
				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										
							*ALL DELIVERED LUMEN OUTPUTS AND REFLECT 3000K PAIRED WITH 20° OPTIC AND SOFT FOCUS LENS.		*SEE PAGE 3 FOR UGR VALUES						

## POWDERCOAT FINISHES



## ALUMINA FINISHES BY LUCIFER LIGHTING™



## 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



# Declare.

**LUCIFER®**  
LIGHTING COMPANY

[luciferlighting.com](http://luciferlighting.com)

©2025 Lucifer® Lighting Company

As part of its policy of continuous research and product development, the company reserves the right to change or withdraw specifications without prior notice.

[PH] +1-210-227-7329  
[FAX] +1-210-227-4967

pg. 1

# CYLINDER 3 SUSPENDED CABLE UP/DOWN

## ACCESSORIES

### REPLACEMENT MEDIA - INCLUDES LENS RETAINER

- ☐ **SFL-CY3X-01** Soft Focus Lens
- ☐ **HCL-CY3X-01** Honeycomb Louver \*
- ☐ **CGL-CY3X-01** Clear Glass Lens \*
- ☐ **FGL-CY3X-01** Frosted Glass Lens
- ☐ **FSFL-CY3X-01** Frosted Soft Focus Lens
- ☐ **FLSL-CY3X-01** Frosted Linear Spread Lens
- ☐ **CGL-HCL-CY3X-01** Clear Glass Film W/ Honeycomb Louver
- ☐ **SFL-HCL-CY3X-01** 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

### 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** 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 SUSPENDED CABLE UP/DOWN

## STATIC WHITE PERFORMANCE - 3000K

LUMEN PACKAGE	WATTAGE	10° OPTIC FIELD REDUCER		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/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

**TITLE 24** JA8-2022 INDICATED BY SHADING

### UNIFIED GLARE RATING

10° OPTIC FIELD REDUCER	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

## UPLIGHT PERFORMANCE BY CCT

CCT	WATTAGE	80S14L		90S14L	
		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
CCT	WATTAGE	90W14LD (3000K-1800K WARM DIM)			
		DLVD		LPW	
3000K-1800K	14	1198		73	

### OUTPUT MULTIPLIER

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

### MEDIA LIGHT LOSS FACTOR

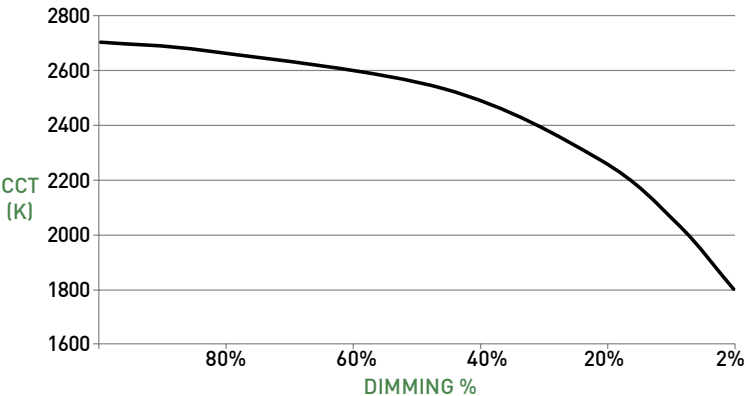
MEDIA	LIGHT LOSS FACTOR
No Lens	1.07
CGL	0.99
SFL	1.00
FGL	0.88
FSFL	0.91
FLSL	0.81
HCL	0.71
SFL+HCL	0.66

## 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

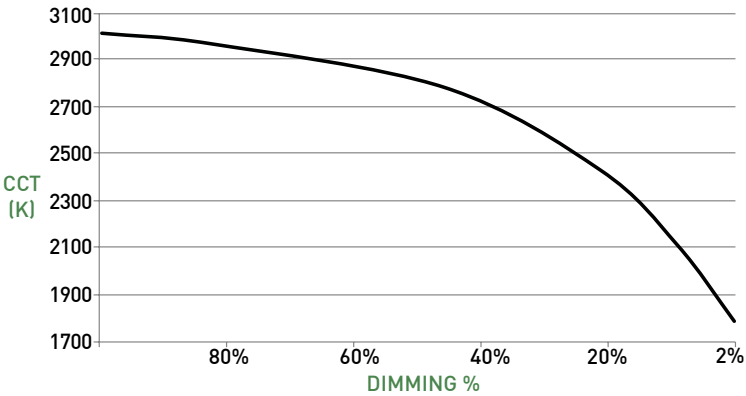
90W24BL 2700K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
CCT (K)	2700	2650	2620	2520	2180	1950	1800
Light Output (Lm)	1642	1314	1149	821	328	164	33
Power (W)	24	18	16	12	5	2.3	0.5
Efficacy (LPW)	71	71	71	71	71	71	71



### HALOGEN DIMMING PROFILE

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

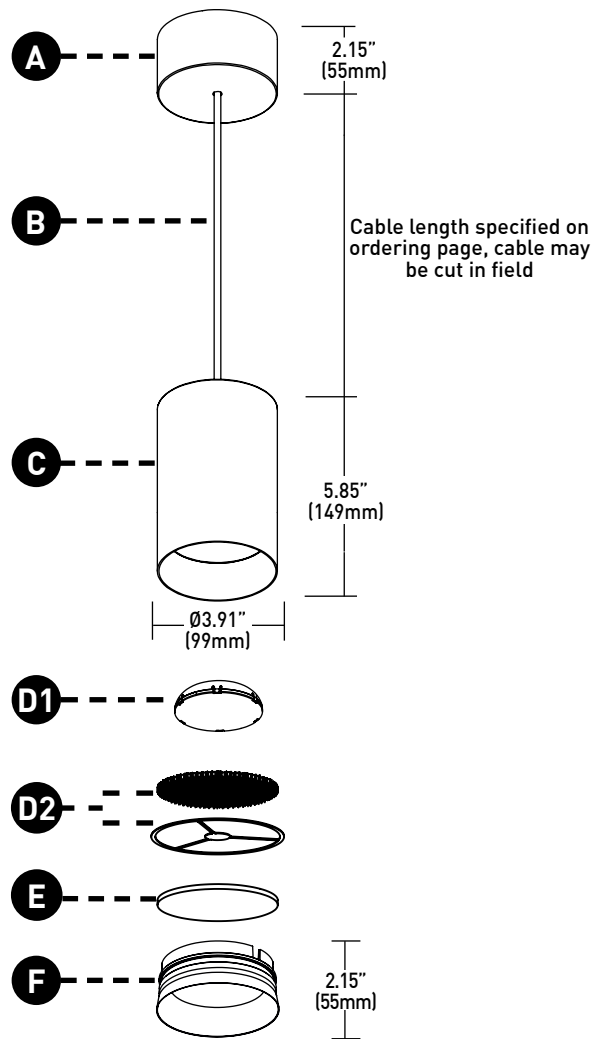


# CYLINDER 3 SUSPENDED CABLE UP/DOWN

## PENDANT

## DIMENSIONS / DRAWINGS

- 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.
- D1 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.
- D2 10° FIELD REDUCER**  
Soft Focus Lens, Honeycomb Louver, and Field Reducer provided with 10 degree beam selection. Reduces field angle by 16%.
- E MEDIA**  
Cylinder baffle assembly can accept 2 lenses; soft focus lens or no lens standard. Uplight media features high performance diffusion film.
- F BAFFLE**  
Die-cast baffle minimizes aperture glare and conceals view into fixture.

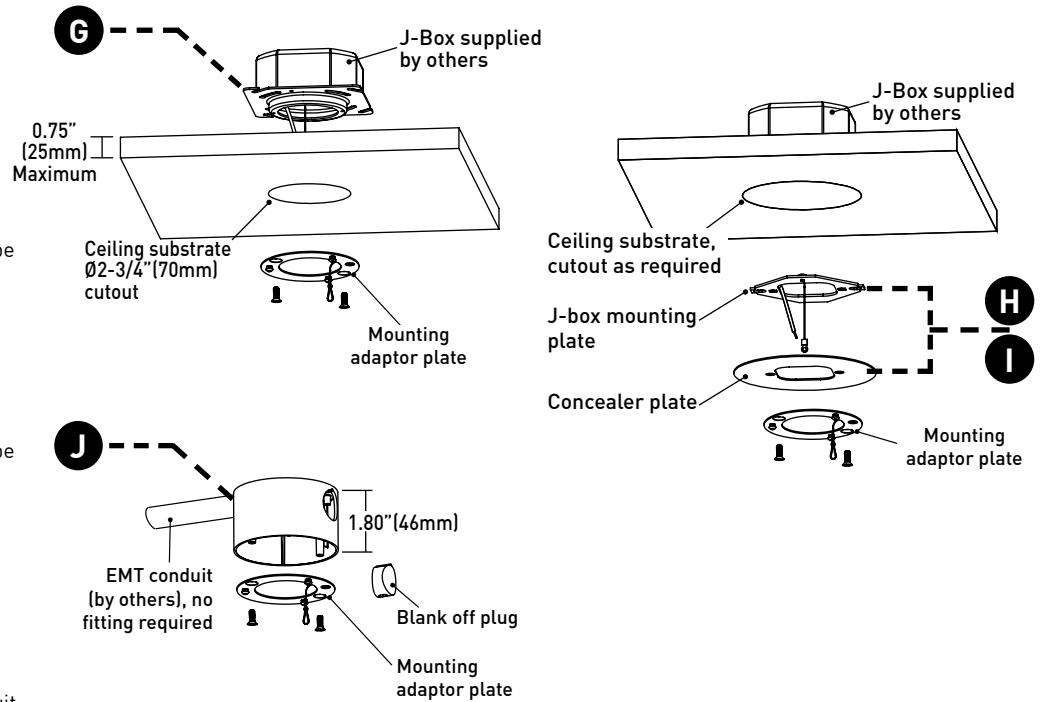


# CYLINDER 3 SUSPENDED CABLE UP/DOWN

## MOUNTING

- G 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
- H SMK3**  
Surface mount kit includes mounting plate and 4" concealer plate that installs between fixture and standard 4" 3/0 j-box for existing applications where standard j-box cutout is to be concealed.  
Part Number - CP3X-SMK-3/0-(FINISH)
- I 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)
- J 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)

## DIMENSIONS / DRAWINGS

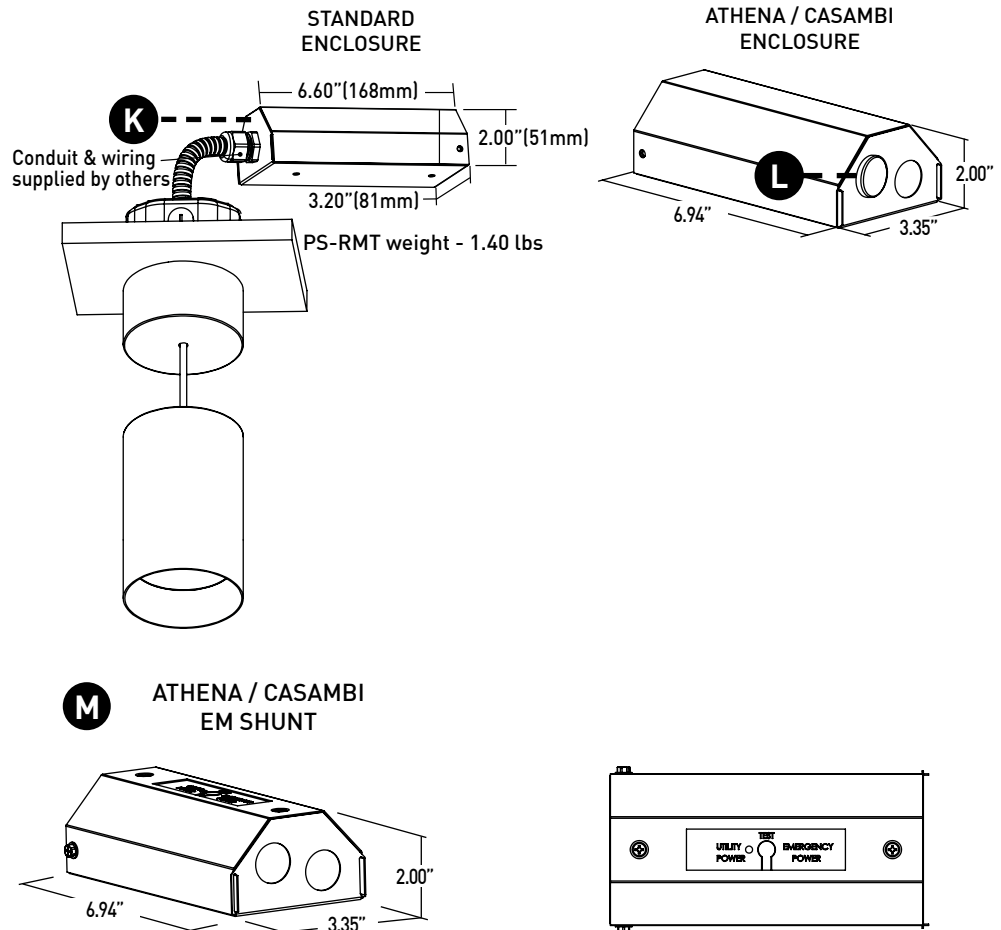


## MOUNTING NOTES

- 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

- K 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.
- L ATHENA / CASAMBI CONTROL**  
Controls integrated into remote driver assembly. All equipment is serviceable.  
Athena Model Number: A-WN-D01-RF-BL & DC-OEM-DBI  
Casambi Model Number: BT-S1E1-5400
- M ATHENA / CASAMBI EM SHUNT**  
Included 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



# CYLINDER 3 SUSPENDED CABLE UP/DOWN

## 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 temperature 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 field-replaceable.

### POWER SUPPLY PERFORMANCE AND DIMMING INFORMATION

	PHASE		0-10V					ECO	DALI		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 7 to confirm appropriate dimming curve for compatibility with selected control.

### MAXIMUM ALLOWABLE REMOTE DRIVER WIRING DISTANCES

DRIVER	WIRE AWG				
	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'

### MOUNTING

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.

### LISTING

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 - 3.45 lbs  
Remote Driver - 1.4 lbs

### LIMITED 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

- 1.03/15/2024: 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.

# CYLINDER 3 SUSPENDED CABLE UP/DOWN

## 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
Lutron Electronics	FCJS-010
Leviton	IlumaTch IP7 series
Philips	Sunrise - SR1200ZTUNV

### LUTRON DRIVER COMPATIBILITY

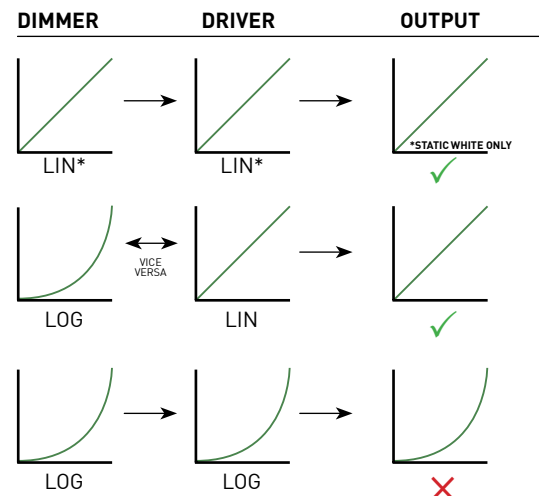
Power supply ULH Lutron Product Family	Part No.
PowPak Dimming Modules	RMJ-EC032-DV-B
PowPak Dimming Modules	FCJ/FCJS-ECO
Energi Savr Nodes	QSN-1ECO-S
GRAFIK Eye QS control unit	QSN-2ECO-S
Homeworks QS control unit	QSGRJ- _E (wireless)
GRAFIK Eye QS control unit	QSGR- _E
Homeworks QS control unit	QP2- _ _ 2C
Quantum Hub	QP2- _ _ 4C
Quantum Hub	QP2- _ _ 6C
Quantum Hub	QP2- _ _ 8C
Homeworks QS power module	LQSE-2ECO-D
myRoom Plus power module	



### 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® - DDTV
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 Manufacturer	GrafixEye® GRX-TVI w GRX3503
Lutron Electronics	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®	GLPP-1DIMFLV2EX-PM
Crestron®	GLPP-1DIMFLV3EX-PM
Crestron®	DIN-A08
Crestron®	DIN-4DIMFLV4
Crestron®	CLS-EXP-DIMFLV
Crestron®	CLCI-1DIMFLV2EX
ABB	SD/S 2.16.1

## ANALOG DRIVERS AND DIMMERS



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