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

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



148-2022 COMPLIANCE INDICATED BY SHADING

CYLINDER	LENGTH	FUNCTION	RATING	CYLINDER FINISH	BAFFLE FINISH	CRI/WATTAGE PACKAGE	ССТ	OPTIC(UGR)	MEDIA	POWER SUPPLY	MOUNTING
СРЗХ		D	1								
))) 1	192W 192" White 096B 96" Black	D Downlight * UP/DOWN SPECIFICATIONS ON SEPARATE DOCUMENT	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	04 Matte Dark Patinated Bronze 05 Brushed Aged Aluminum 06 Matte Aged Aluminum 07 Brushed Cast Brass 08 Matte Cast Brass	97517B 97+ CRI, 17 Watts 1528 Im delivered 97523B 97+ CRI, 23 Watts 2012 Im delivered 97532B 97+ CRI, 32 Watts 2651 Im delivered 97538B* 97+ CRI, 38 Watts 3092 Im delivered		*(17 Watts only) 15 15° (<13)	*(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) 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	UCA 0-10V Analog 120-277V 1CE 120V Electronic Forward/Reverse REMOTE (120V) 111 & 17 WATTS ONLY) 1TR Philips, 2% Forward/Reverse 1RE Forward/Reverse REMOTE (120-277V) URA 0-10V Analog* *111 & 17 WATTS only) ULH Lutron Hi-Lume Ecosystem 1% Fade to Black UAN Philips Xitanium 19%0-10V, LIN UEG eldoLED, 0.11%0-10V, LIOG UEN eldoLED,	FINISH OUT CMJB * 1/2" and 3/ Conduit Ceiling Mou Junction Bo *(Available in powderco finishes. Alumina finish fixtures ship with Black powdercoat CMJB.) SMK3 3/0 Surface Mount Kit* *(Available in powdercoat finishes.)

PART NUMBER NOTES

- CP3X ships as e.g., CP3X048WFB1WHBK80S32B14UCA3
- Remote driver ships as e.g., PS-RMT-80S32B-1RA3
- Mounting part numbers listed on page 5





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)

Frosted Glass Lens ☐ FGL-CY3X-03 ☐ 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

15° optic
20° optic
25° optic
40° optic
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

TUNABLE WHITE REPLACEMENT OPTICS

☐ RO-70-15-T	15° optio
□ R0-70-20-T	20° optio
☐ RO-70-25-T	25° optio
☐ RO-70-40-T	40° optio
□ RO-70-60-T	60° optio

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-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 100 watt max capacity, 277 VAC 60Hz, 0-10V dimmable ☐ EMB-S-100-277-LEDX

☐ 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



Powder Coat

ALUMINA FINISHES BY LUCIFER LIGHTING™



STATIC WHITE PERFORMANCE - 3000K

LUMEN	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	
PACKAGE	WATTAGE	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	1171	104	1943	114	1931	113	1858	109	1801	105	
80S23B	23	-	-	2301	100	2559	111	2541	110	2409	104	2373	103	
80S32B	32	-	-	2913	91	3372	105	3339	104	3170	99	3111	97	
80S38B	38	-	-	3226	84	3932	103	3856	101	3680	96	3614	95	
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	
90S32B	32	-	-	2511	78	2882	90	2854	89	2709	84	2659	83	
90S38B	38	-	-	2781	73	3361	88	3296	86	3121	82	3089	81	
97S11B	11	-	-	887	80	975	88	977	88	932	84	909	82	
97S17B/C	17	609	36	1344	79	1528	89	1518	89	1461	85	1416	83	
97S23B	23	-	-	1746	75	2012	87	1998	86	1894	82	1866	81	
97S32B	32	-	-	2210	69	2651	82	2626	82	2492	77	2446	76	
97S38B	38	-	-	2447	64	3092	81	3032	79	2893	76	2842	74	
90W24BL (2700K-1800K)	24	-	-	-	-	1642	71	1626	70	1556	67	1491	64	
90W24BD (3000K-1800K)	24	-	-	-	-	1777	77	1742	75	1685	73	1600	69	
90T32BTR 4000K-1800K)	32	-	-	2251	70	2325	72	2319	72	2359	73	2352	73	
90T32BTH 5000K-2700K)	32	-	-	2458	76	2580	80	2533	79	2394	74	2291	71	

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

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

TUNABLE WHITE MULTIPLIER

ССТ	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

JA8-2022 INDICATED BY SHADING

UNIFIED GLARE RATING

10° OPTIC	15° OPTIC	20° OPTIC	25° OPTIC	40° OPTIC	60° OPTIC	WALLWASH
FIELD REDUCER	SOFT FOCUS LENS	WALLWASH LENS				
<10	<13	<10	<10	<10	<13	>19

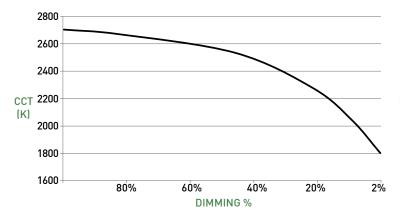
WARM DIM PERFORMANCE - SOFT FOCUS LENS - 20° OPTIC

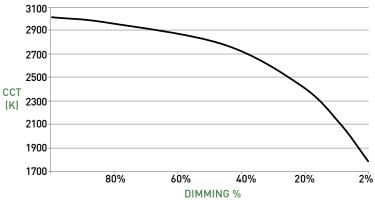
INCANDESCENT DIMMING PROFILE

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

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	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 twiston mounting hardware. Available with integral or remote driver.

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.

02 10° FIELD REDUCER

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

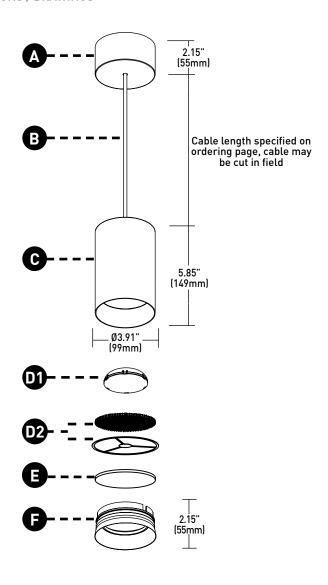
MEDIA

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

BAFFLE

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

DIMENSIONS / DRAWINGS





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

♠ SMK3

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)

SMK

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)

🚺 СМЈВ

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

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

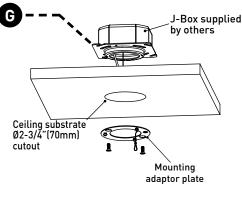
Casambi Model Number: BT-S1E1-5400

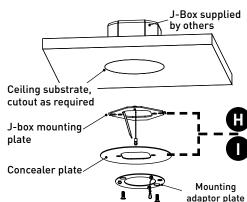
M ATHENA / CASAMBI EM SHUNT

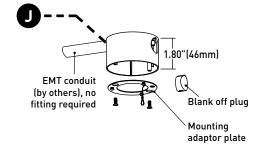
Inlcuded with drivers specified as ASR, ADR, CSR, or CDR. One required for each wireless EM fixture, requires class 2 control wiring between fixture and shunt. Features integrated test switch.

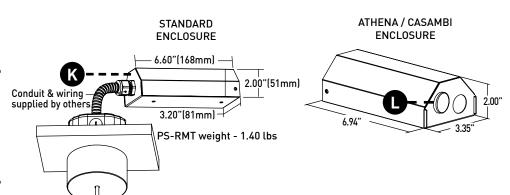
Model Number: PS-RMT-SHUNT

DIMENSIONS / DRAWINGS

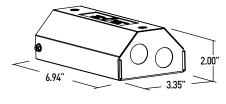


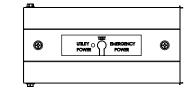














TECHNICAL

CONSTRUCTION

Pendant: Machined aluminum body with integrated heat sink; painted finishes are granulated powder coat. Alumina finishes are anodized aluminum. <u>CMJB</u>: 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.

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.

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

	PHA	PHASE			0-10V					EC0	DALI			ATHENA	CASAMBI
Power Supply	1CE/1RE	1TR	UCA/ URA	UAN	ULN	UEG	UEN	UDG	UDN	ULH	UED	ULD	UDD	UAS/UAD	UCS/UCD
Minimum °C	-20°C	-20°C	-20°C	-20°C	-20°C	-20°C	-20°C	-20°C	-20°C	0°C	-20 °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	40 °C	40 °C	40 °C
Dimming %	1.0%	2.0%	1.0%	1.0%	1.0%	0.1%	0.1%	0.1%	0.1%	1.0%	0.1%	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

	WIRE AWG				
DRIVER	12	14	16	18	20
URA, 1RE	-	164'	105'	66'	40"
1TR, UAN, ULN	285	180'	113'	71'	45'
ULH	60'	40'	25'	15'	-
UEG, UEN, UED, ULD, DD1, DG1, DN1, UAS, UCS, UAD, UCD	-	-	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 / Mounting - 5 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

1.03/14/2024: ADDED 10 DEGREE FIELD REDUCER, UPDATED 10 DEGREE PERFORMANCE. 2.07/22/2024: REMOVED L2 DRIVER.







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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	RMJ-5T RMJS-8T				
Lutron Electronics	RMJS-8T				

LUTRON DRIVER COMPATIBILITY

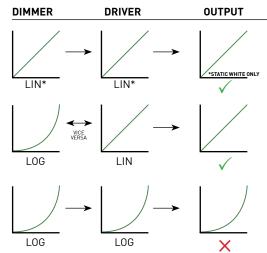
Power supply ULH Lutron Product Family	Part No.			
PowPak Dimming Modules	RMJ-EC032-DV-B			
PowPak Dimming Modules	FCJ/FCJS-ECO			
Energi Savr Nodes	QSN-1ECO-S			
GRAFIK Eye QS control unit Homeworks QS control unit	QSN-2ECO-S			
GRAFIK Eye QS control unit Homeworks QS control unit	QSGRJE (wireless) 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®	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

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