PROJECT NAME:	TYPE:

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



JA8-2022 COMPLIANCE INDICATED BY SHADING

					up to q	uantities of 100.	TAROUS			- INDICALED BY	
CYLINDER	LENGTH	FUNCTION	RATING	CYLINDER FINISH	BAFFLE FINISH	CRI/WATTAGE PACKAGE	ССТ	OPTIC (UGR)	MEDIA	POWER SUPPLY	MOUNTING
CP2X		D	1								
CP2X 3.125" Ø	096W 96" White 192W 192" White 096B 96" Black 192B 192" Black XXXB Black Cable* XXXW White Cable* *[Specify length in ches] *[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	04 Matte Dark Patinated Bronze 05 Brushed Aged Aluminum 06 Matte Aged Aluminum 07 Brushed Cast Brass 08 Matte Cast Brass	97511B 97+ CRI, 11 Watts 874 Im delivered 97517B 97+ CRI, 17 Watts 1357 Im delivered 97523B 97+ CRI, 23 Watts 1803 Im delivered WARM DIM 90W24B 90+ CRI, 24 Watts Incandescent Profile 1469 Im delivered Halogen Profile 1698 Im delivered *SEE PAGE 3 FOR DETAILED PERFORMANCE CONFIGURATIONS AND WARM DIM PROFILE COMPARISON. TUNABLE WHITE IREMOTE DENIVER ONLY) 90T32B 90+ CRI, 32 Watts Warm Profile	24 2400K* *190-CRI only, 17W maxl 27 2700K 30 3000K 35 3500K 40 4000K WL 2700K- 1800K TR 4000K- 1800K TH 5000K- 2700K	*(17W packages only) 15	ALTERNATE MEDIA O No Lens* **INot available for Warm Dim) Louver [HCL]* **INot available for Warm Dim) 3 Clear Glass Lens [CGL]* **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	INTEGRAL UCA 0-10V Analog 120-277V 1CE 120V Electronic Forward/Reverse REMOTE (120V) 1TR Philips, 2% Forward/Reverse* *I11 & 17 Watts only) 1L2 Lutron Hi-Lume 1%, 2-Wire 1RE Forward/Reverse* *I11 & 17 Watts only) REMOTE (120-277V) URA 0-10V Analog* *I11 & 17 Watts only) ULH Lutron Hi-Lume Ecosystem 1% Fade to Black UAN Philips Xitanium 1%0-10V, LOG ULN Philips Xitanium 1%0-10V, LOG ULN Philips Xitanium 1%0-10V, LOG ULN DeldoLED, 0.1%0-10V, LIN UEG eldoLED, 0.1%0-10V, LIN UED eldoLED, 0.1%0-10V, LIN UED eldoLED, 0.1%0-10V, LIN UED eldoLED, 0.1%0-10V, LOG ULN EldoLED, 0.1%0-10V, LOG ULN EldoLED, 0.1%0-10V, LOG UCSR EldoLED, 0.1%0-10V, LOG UCSR EldoLED, 0.1%1-2, LOG UCSR EldoLED, 0.1%1-20-277V* *Includes Node. Extended lead time, consult factory. UASR/UCSR includes shunt.] TUNABLE WHITE REMOTE (0.1%, 120-277V) UDD eldoLED, DUALdrive DALI-2, LOG UDG eldoLED, DUALdrive 0-10V, LOG UDN eldoLED, DUALdrive 0-10V, LOG UDN eldoLED, DUALdrive 0-10V, LOG UDD eldoLED, DUALdrive 0-10V, LOG	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.)

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As part of its policy of continuous research and product development, the company

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

PART NUMBER NOTES

- CP2X ships as e.g., CP2X048WFB1WHBK180S23B21UCA3
- Remote driver ships as e.g., PS-RMT-80S23B-1RA3
- Mounting part numbers listed on page 5





LIGHTING COMPANY

ACCESSORIES

REPLACMENT MEDIA

☐ SFL-CY2X-03 Soft Focus Lens ☐ HCL-CY2X-03 Honeycomb Louver *

*(Not available for Warm Dim)

☐ CGL-CY2X-03 Clear Glass Lens *

*(Not available for Warm Dim)

☐ FGL-CY2X-03 Frosted Glass Lens ☐ FSFL-CY2X-03 Frosted Soft Focus Lens ☐ FLSL-CY2X-03 Frosted Linear Spread Lens

☐ CGL-HCL-CY2X-03 Clear Glass Film W/ Honeycomb Louver ☐ SFL-HCL-CY2X-03 Soft Focus Film W/ Honeycomb Louver

STATIC WHITE REPLACEMENT OPTICS

☐ R0-70-15-S 15° optic 20° optic ☐ R0-70-20-S 25° optic □ R0-70-25-S 40° optic ☐ R0-70-40-S ☐ R0-70-60-S 60° optic

WARM DIM REPLACEMENT OPTICS

□ R0-70-20-W 20° optic 25° optic □ R0-70-25-W 40° optic □ R0-70-40-W 60° optic □ R0-70-60-W

TUNABLE WHITE REPLACEMENT OPTICS

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

☐ 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



ALUMINA FINISHES BY LUCIFER LIGHTING™



pg. 2

STATIC WHITE PERFORMANCE - 3000K

LUMEN	WATTAGE	10° OPTIC 15° OPTIC FIELD REDUCER SOFT FOCUS LENS		20° C SOFT FOO	PTIC CUS LENS	25° (SOFT FO	PTIC CUS LENS	40° OPTIC SOFT FOCUS LENS		60° OPTIC SOFT FOCUS LENS			
PACKAGE	WAITAGE	DLVD	LPW	DLVD	LPW	DLVD	LPW	DLVD	LPW	DLVD	LPW	DLVD	LPW
80S11B	11	-	-	1095	99	1151	104	1151	104	1073	97	1018	92
80S17B/C	17	776	46	1651	97	1768	103	1789	105	1654	97	1583	93
80S23B	23	-	-	2201	95	2360	102	2374	103	2201	95	2112	91
90S11B	11	-	-	936	85	984	89	984	89	917	83	870	79
90S17B/C	17	671	39	1411	83	1511	88	1529	89	1414	83	1353	79
90S23B	23	-	-	1881	81	2017	87	2029	88	1882	81	1805	78
97S11B	11	-	-	861	78	905	82	905	82	844	76	800	72
97S17B/C	17	579	34	1298	76	1390	81	1407	82	1301	76	1245	73
97S23B	23	-	-	1731	75	1856	80	1867	81	1731	75	1661	72
90W24BL (2700K-1800K)	24	-	-	-	-	1530	66	1516	65	1425	61	1344	58
90W24BD (3000K-1800K)	24	-	-	-	-	1592	69	1582	68	1495	65	1419	61
90T32BTR (4000K-1800K)	32	-	-	2360	73	2472	77	2468	77	2326	72	2224	69
90T32BTH (5000K-2700K)	32	-	-	2254	70	2351	72	2334	71	2208	67	2105	59

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				
<13	<13	<10	<10	<10	<16	

MEDIA LIGHT LOSS FACTOR

MEDIA	LIGHT LOSS FACTOR
No Lens	1.07
CGL	0.98
SFL	1.00
FGL	0.94
FSFL	0.93
FLSL	0.85
HCL	0.72
SFL+HCL	0.66

OUTPUT MULTIPLIER

сст	CCT 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	1
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

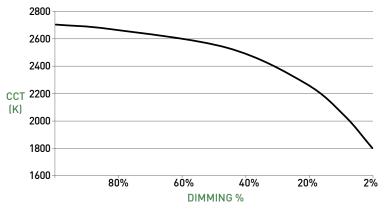
90W24BL 2700K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
CCT (K)	2700	2650	2620	2520	2180	1950	1800
Light Output (Lm)	1530	1224	1071	765	306	153	31
Power (W)	24	18	16	12	5	2.3	0.5
Efficacy (LPW)	66	66	66	66	66	66	66

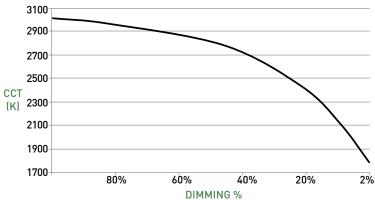
INCANDESCENT DIMMING PROFILE

WARM DIM PERFORMANCE - SOFT FOCUS LENS - 20° OPTIC

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)	1592	1274	1114	796	318	159	32
Power (W)	24	18	16	12	5	2.3	0.5
Efficacy (LPW)	69	69	69	69	69	69	69







pg. 3

PENDANT

A 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.

CABLE

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

LUMINAIRE

Die-cast body with integral heat sink and LED.

O

Robust light engine with optimized optic pairing integrates Reflection, Refraction, and TIR offering 10°, 15°, 20°, 25°, 40° & 60° beams.

10° FIELD REDUCER

Included with 10° optic. Reduces field angle by 56%

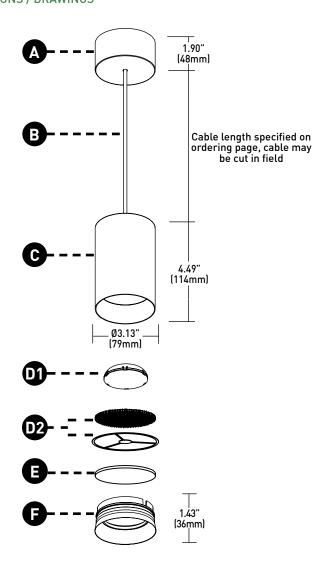
MEDIA

Cylinder can accept 2 lenses; soft focus lens or no lens standard. Wet location lens sealed in place.

BAFFLE

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

DIMENSIONS / DRAWINGS





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

pg. 4

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 - CP2X-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 - CP2X-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 - CP2X-SMK-4/0-(FINISH)

О 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 - CP2X-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

R 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

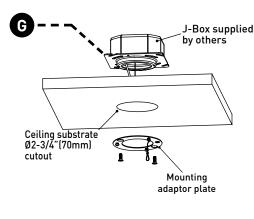
Casambi Model Number: BT-S1E1-5400

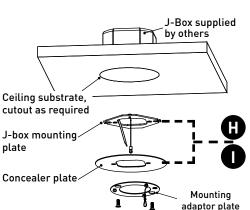
M ATHENA / CASAMBI EM SHUNT

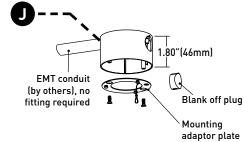
Inlcuded with drivers specified as ASR, ADR, CSR, or CDR. One required for each wireless EM fixture, requires class 2 control wiring between fixture and shunt. Features integrated test switch.

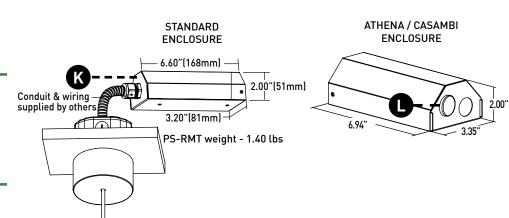
Model Number: PS-RMT-SHUNT

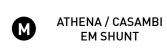
DIMENSIONS / DRAWINGS

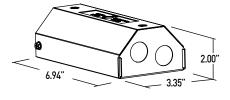


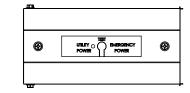












TECHNICAL

CONSTRUCTION

Pendant: 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 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				EC0	ECO DALI			ATHENA	CASAMBI		
Power Supply	1CE/1RE	1TR	1L2	UCA/ URA	UAN	ULN	UEG	UEN	UDG	UDN	ULH	UED	ULD	UDD	UAS/UAD	UCS/UCD
Minimum °C	-20°C	-20°C	0°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	40 °C
Dimming %	1.0%	2.0%	1.0%	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, 1L2, 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'
1L2, 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

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

CP2X / Mounting - 4.8 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.



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







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 Flectronics	FCJS-010
Edit off Etectionics	
Leviton	IllumaTch IP7 series

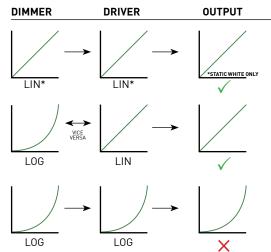
LUTRON DRIVER COMPATIBILITY

Power supply 1L2 Lutron Product Family	Part No.	
Maestro WirelessR 600 W dimmer	MRF2-6ND-120-	
Maestro WirelessR 1000 W dimmer	MRF2-10ND-120-	
Caséta® Wireless Pro 1000 W dimmer	PD-10NXD-	
GRAFIK T™ CL® dimmer	GT-250M- GTJ-250M-	
HomeWorks® QS adaptive dimmer	HQRD-6NA-	
HomeWorks® QS 600 W dimmer	HQRD-6ND-	
HomeWorks® QS 1000 W dimmer	HQRD-10ND-	
RadioRA® 2 adaptive dimmer	RRD-6NA-	
RadioRA® 2 1000 W dimmer	RRD-10ND	
myRoom™ DIN power module	MQSE-4A1-D	
HomeWorks® QS DIN power module	LQSE-4A1-D	
HomeWorks® QS wallbox power module	HQRJ-WPM-6D-120	
HomeWorks® wallbox power module	HWI-WPM-6D-120	
GRAFIK Eye® QS control unit	QSGR-, QSGRJ-	
GRAFIK Eye® 3000 control unit	GRX-3100- GRX-3500-	
RPM-4U module (LCP, HomeWorks® QS, GRAFIK Systems™, Quantum®)	HW-RPM-4U-120 LP-RPM-4U-120	
RPM-4A module (LCP, HomeWorks® QS, GRAFIK Systems™, Quantum®)	HW-RPM-4A-120, LP-RPM-4A-120	
GP dimming panels	Various	
Ariadni CL 250W dimmer	AYCL-253P-	
Diva CL 250W dimmer	DVCL-253P- DCSCCL-253P-	
Nova T CL 250W dimmer	NTCL-250-	
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	
0 . 0	GLPP-1DIMFLV2FX-PM	
Crestron®	GLPP-IDIMPLVZEX-PM	
Crestron® Crestron®	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