**PROJECT NAME:** 

TYPE:

# MONOPOINT **CM1 WALL MOUNT**

Elegant design mounts seamlessly and invisibly to the wall. An inventive elbow built into the fixture body that features a full 90 degree tilt.

### **ORDERING INFORMATION - MONOPOINT**

YLINDER	LENGTH	FIXTURE	BODY FINISH	BAFFLE FINISH	stem Finish	CRI/WATTAGE PACKAGE	сст	optic (Ugr)	DRIVER	MEDIA	MOUNTING
CM1	SL	F92									
<b>CM1</b> 2.60"	LENGTHS SL 1.4" Standard	FIXED ANGLE WET (IP65) F92 Fixed	POWDERCOAT WH White BK Black	POWDERCOAT WH White BK Black	POWDERCOAT WH White BK Black	STATIC WHITE 80511A 80+ CRI, 11 Watts Im Delivered - 1095	24 2400K* *(90+ CRI only) 27 2700K	<b>10</b> 10° (>19) <b>15</b> 15° (<13) <b>20</b> 20° (<10)	120-277V	STANDARD MEDIA 4 Soft Focus	ROUGH-IN J JBMP 4" Sq. or 4/0
	STEM IS NOT Field Cuttable	90° Tilt	<ul><li>AB Architectural Bronze</li><li>AG Satin Silver</li></ul>	<ul><li>AB Architectural Bronze</li><li>AG Satin Silver</li></ul>	<ul><li>AB Architectural Bronze</li><li>AG Satin Silver</li></ul>	<b>90511A</b> 90+ CRI, 11 Watts Im Delivered - 941 <b>97511A</b> 97+ CRI, 11 Watts Im Delivered - 826	<ul><li>30 3000K</li><li>35 3500K</li><li>40 4000K</li></ul>	<b>25</b> 25° (<10) <b>40</b> 40° (<10) <b>60</b> 60° (<13)	<b>KE</b> Electronic	Lens* *(Required for 10° optic) ALTERNATE MEDIA	Junction Box Mounting Plate Features 2.6" diameter cano *(Mounting plate mus
			AU Cashmere Gold BB Burnt Bronze CF Custom Finish* *(Consult Factory)	AU Cashmere Gold BB Burnt Bronze CF Custom Finish* *(Consult Factory)	AU Cashmere Gold BB Burnt Bronze CF Custom Finish* *(Consult Factory)	REMOTE STATIC WHITE 80517A 80+ CRI, 17 Watts	<b>24</b> 2400K* *(90+ CRI only)	<b>10</b> 10° (>19) <b>15</b> 15° (<16) <b>20</b> 20° (<10)	KA U-TUV AHALOU	3 Clear Glass Lens* *(Standard with 10° optic. Not available for	be installed on junction box prior to substrate installation) FINISH OUT
			ALUMINA INTERIOR APPLICATIONS ONLY 01 Brushed	ALUMINA CONSULT FACTORY FOR ALUMINA FINISHES	ALUMINA Consult Factory For Alumina Finishes	Im Delivered - 1655 90517A 90+ CRI, 17 Watts Im Delivered - 1422 97517A 97+ CRI, 17 Watts Im Delivered - 1249	<ol> <li>27 2700K</li> <li>30 3000K</li> <li>35 3500K</li> <li>40 4000K</li> </ol>	<b>25</b> 25° (<10) <b>40</b> 40° (<10)	En Euton, in-Eutrie Ecosystem 1% Fade to Black, LP Lutron, Hi-Lume Premier Ecosystem 0.1% Fade to Black	<ul> <li>Warm Dim.)</li> <li>Frosted Glass Lens</li> <li>Frosted Soft Focus Lens</li> </ul>	R Remodel 4.5" diameter Flange Overla Canopy.* *(Mounts to existing 4 junction box)
			Obsidian Obsidian			WARM DIM		<b>20</b> 20° (<10)	EG eldoLED, SOLOdrive 0.1% 0-10V, LOG EN eldoLED, SOLOdrive	7 Frosted Linear Spread Lens	
			03 Brushed Dark Patinated Bronze			<b>90W11A</b> 90+ CRI, 11 Watts Incandescent Profile Im Delivered - 654	<b>WL</b> 2600K - 1800K	<b>40</b> 40° (<10) <b>60</b> 60° (<13)	0.10/ 0.10// 1.00/	S Soft Focus Lens w/ Honeycomb Louver	
			04 Matte Dark Patinated Bronze			Halogen Profile Im Delivered - 658	WD 2900K- 1800K		AS1/Athena Control ASR eldoLED, DUALdrive 0.1%*	F Frosted Glass Lens w/ Honeycomb	
			05 Brushed Aged Aluminum			REMOTE WARM DIM		<b>20</b> 20° (<10) <b>25</b> 25° (<10)	*(Includes Athena Node. Increased lead time, consult factory. ASR includes shunt.)	Louver	
			<ul><li>06 Matte Aged Aluminum</li><li>07 Brushed</li></ul>			<b>90W18A</b> 90+ CRI, 18 Watts Incandescent Profile Im Delivered - 1017	<b>WL</b> 2700K - 1800K	<b>40</b> 40° (<10) <b>60</b> 60° (<13)	CS1/Casambi Control CSR eldoLED, DUALdrive 0.1%* *(Includes Athena Node.		
			Cast Brass 08 Matte Cast Brass			Halogen Profile Im Delivered - 1017	WD 3000K- 1800K		Increased lead time, consult factory. CSR includes shunt.)		
			<ul> <li>09 Brushed Light Patinated Bronze</li> <li>10 Matte Light</li> </ul>			SEE PAGE 4 FOR WARM DIM PROFILE COMPARISON			TUNABLE WHITE POWER SUPPLIES (120-277V) DD eldoLED, DUALdrive 0.1% DALI-2, LOG		
			Patinated Bronze			REMOTE TUNABLE WHITE	TH 5000K - 2700K	<b>15</b> 15° (<13) <b>20</b> 20° (<10)			
			ALUMINA NOT Recommended For exterior			<b>90T17A</b> 90+ CRI, 17W Cool Profile: 5000K - 2700K Im Delivered - 888	<b>TR</b> 4000K - 1800K	20 20 (10)	AD1 / Athena Control ADR eldoLED, DUALdrive		
			APPLICATIONS, FINISHES ARE NOT UV RATED			Warm Profile: 4000K - 1800K Im Delivered 896			0.1%* *(Includes Athena Node. Increased lead time, consult factory. ADR includes shunt.)		
CM1 Remo	ote driver sh	., CM1SLF92 ips as e.g., l	2WHBK90S11* PS-RMT-90S-1 m fixture, part r -	1A-1RE*	on page 6.	ALL LM DELIVERED AND T24 COMPLIANCE REFLECT 3000K PAIRED WITH 25° OPTIC AND SOFT FOCUS J FNS		SEE PAGE 3 FOR UGR RATINGS	CD1 / Casambi Control CDR eldoLED, DUALdrive 0.1%* *(Includes Casambi Node. Extended lead time, consult factory. CDR includes shunt)		

- Mounting ships separate from fixture, part numbers listed on page 6.



luciferlighting.com ©2024 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.

SOFT FOCUS LENS





### ACCESSORIES

### REPLACEMENT MEDIA

□ HCL-CT1 Honeycomb Louver\*
 \*(Not available for Warm Dim)
 □ CGL-CT1 Clear Glass Lens\*
 \*(Not available for Warm Dim)
 □ SFL-CT1 Soft Focus Lens
 □ FGL-CT1 Frosted Glass Lens
 □ FSFL-CT1 Frosted Soft Focus Lens
 □ FLSL-CT1 Frosted Linear Spread Lens

### **REPLACEMENT OPTICS**

Interchangeable optics accessible by removing baffle.

Static W	hite	Warm D	im	Tunable White			
🗆 R0-50-15-S	15° optic	🗆 R0-50-20-W	20° optic	🗆 R0-50-15-S	15° optic		
🗆 R0-50-20-S	20° optic	🗆 R0-50-25-W	25° optic	🗆 R0-50-20-S	20° optic		
🗆 R0-50-25-S	25° optic	🗆 R0-50-40-W	40° optic	🗆 R0-50-25-S	25° optic		
🗆 R0-50-40-S	40° optic	🗆 R0-50-60-W	60° optic	🗆 R0-50-40-S	40° optic		
🗆 R0-50-60-S	60° optic			🗆 R0-50-60-S	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, Non-Dimmable
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, 0-10V Dimmable

\*SHUNT REQUIRED FOR USE WITH ATHENA AND CASAMBI CONTROLS, CONSULT FACTORY FOR DETAILS.



©2024 Lucifer Lighting Company

### PERFORMANCE - 3000K

		10° C	IPTIC	15° 0	PTIC	20° 0	PTIC	25° 0	IPTIC	40° 0	PTIC	60° 0	PTIC
LUMEN	WATTAGE	FIELD R	EDUCER	SOFT FOC	US LENS								
PACKAGE	WATTAGE	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW
80S11A	11	454	41	991	90	1093	99	1095	100	1019	93	1145	104
80S17A	17	619	36	1435	84	1701	100	1655	97	1513	89	1640	96
90S11A	11	391	35	851	86	939	95	941	96	875	89	984	100
90S17A	17	532	31	1233	76	1461	90	1422	87	1300	80	1409	86
	1												
97S11A	11	337	30	747	68	824	75	826	75	768	70	864	79
97S17A	17	460	27	1083	64	1283	75	1249	73	1141	67	1237	73
90W11A (2600K-1800K)	11	-	-	-	-	667	60	654	59	605	54	635	58
90W11A (2900K-1800K)	11	-	-	-	-	661	60	658	59	600	54	640	58
90W18A (2700K-1800K)	18	-	-	-	-	1019	56	1017	56	927	57	997	62
90W18A (3000K-1800K)	18	-	-	-	-	1043	57	1017	56	943	58	991	61
	1	n T	- -										
90T17A (4000K-1800K)	17	-	-	798	47	917	54	896	53	811	48	910	54
90T17A (5000K-2700K)	17	-	-	791	47	909	53	888	52	803	47	902	53

### JA8-2022 INDICATED BY SHADING

### UNIFIED GLARE RATING

10° OPTIC	15° OPTIC	20° OPTIC	25° OPTIC	40° OPTIC	60° OPTIC
FIELD REDUCER	SOFT FOCUS LENS				
>19	<16	<10	<10	<10	

### MEDIA LIGHT LOSS MULTIPLIER

MEDIA	LIGHT LOSS FACTOR				
No Lens	1.05				
CGL	1.00				
SFL	1.00				
FGL	0.85				
FSFL	0.82				
FLSL	0.78				
HCL	0.75				
SFL W/ HCL	0.68				
FGL W/ HCL	0.47				

### OUTPUT MULTIPLIER

CCT SCALE
0.85
0.97
1.000
1.03
1.08

### 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		

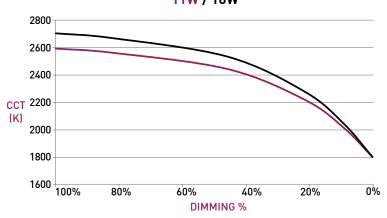


©2024 Lucifer Lighting Company

### WARM DIM PERFORMANCE - SOFT FOCUS LENS - 25° OPTIC

	I	NCANDESC	ENT DIMMI	NG PROFIL	E		
90W11AL 2600K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
ССТ (К)	2600	2550	2520	2450	2200	1925	1800
Light Output (lm)	654	523	457	327	130	65	13
Power (W)	11	8.8	7.7	5.5	2.2	1.1	.22
Efficacy (LPW)	59	59	59	59	59	59	59
90W18AL 2700K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
ССТ (К)	2600	2650	2620	2520	2180	1950	1800
Light Output (lm)	1017	813	711	508	203	101	203
Power (W)	18	14.4	12.6	9	3.6	1.8	.36
Efficacy (LPW)	56	56	56	56	56	56	56

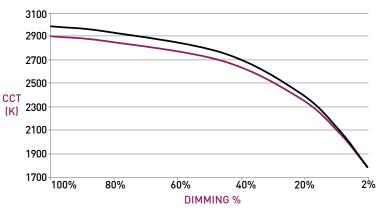
### 11W / 18W



#### 90W11AD Full on Dimmed Dimmed Dimmed Dimmed Dimmed Dimmed 2900K - 1800K 100% to 80% to 70% to 50% to 20% to 10% to 2% CCT (K) 2900 2850 2800 2720 2350 1975 1800 Light Output (lm) 658 526 460 329 131 65 13 Power (W) 11 8.8 7.7 5.5 2.2 1.1 .22 Efficacy (LPW) 59 59 59 59 59 59 59 90W18AD 3000K - 1800K Full on Dimmed Dimmed Dimmed Dimmed Dimmed Dimmed 100% to 80% to 70% to 50% to 20% to 10% to 2% CCT (K) 3000 2950 2920 2775 2375 2000 1800 Light Output (lm) 1017 813 711 203 101 203 508 Power (W) 18 14.4 12.6 9 3.6 1.8 .36 Efficacy (LPW) 56 56 56 56 56 56 56

HALOGEN WARM DIM PROFILE

11W / 18W





©2024 Lucifer Lighting Company

### MONOPOINT

### A STEM

Standard length is 1.4". Stem is not field cuttable. Powdercoat finishes standard, consult factory for Alumina finishes.

### BODY

Available in powdercoat finishes and Alumina finishes (interior applications only). Power supply integrated into fixture body.

### OPTICS

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

### 10° FIELD REDUCER

Soft Focus Lens, Honeycomb Louver, and Field Reducer provided with 10° optic. Reduces field angle by 30%.

### MEDIA

Soft Focus Lens standard. Wet location media sealed in place.

### **B**AFFLE

Accepts 2 media devices. Baffle minimizes aperture glare and conceals view into fixture. Powdercoat finishes standard, consult factory for Alumina finishes.

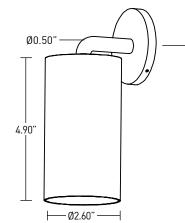
#### G CANOPY

Features 0.3" deep canopy and mounting screws.

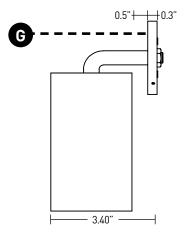
### **FIXED FIXTURE**

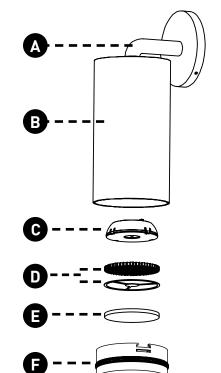
Available with pre-set tilt of 90° and can be aimed up to 45° off vertical. Wet rated, may be used in Dry / Damp locations.

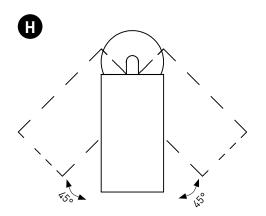




Ø2.60"or Ø4.50" —dependent on mounting, see page 5









luciferlighting.com

©2024 Lucifer Lighting Company

### MOUNTING

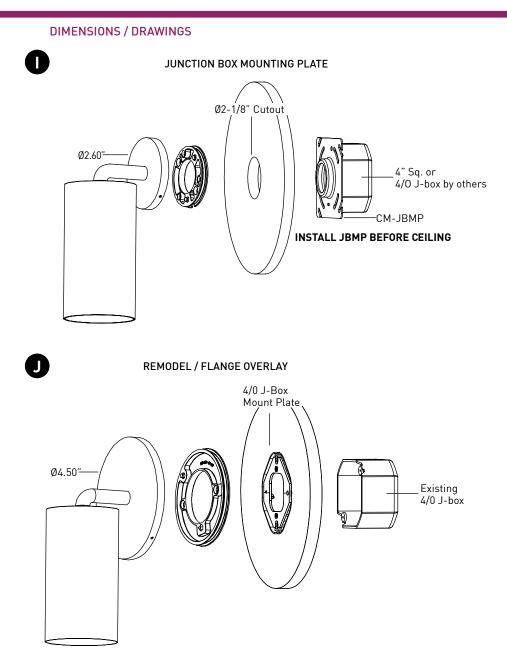
JUNCTION BOX MOUNTING PLATE
Mounting plate (concealed) for standard
4" square or 4" 4/0 j-box . To be installed

4 square or 4 4/0 J-box. To be installed during rough-in, prior to substrate, for ceiling thicknesses up to 0.75". Fixture to mount flush with minimalist transition to ceiling.

Part Number - CM1WM-JBMP.

### REMODEL / FLANGE OVERLAY

Provided with oversized canopy and mounting plate for standard 4" 4/0 junction boxes. Ideal for existing applications and features oversized 4.5" canopy to cover standard 4" octagon box cutout.





luciferlighting.com

©2024 Lucifer Lighting Company

### **REMOTE POWER SUPPLY**

0

Remote power supply provides additional driver options. See page 8 for maximum allowable wiring distance. Must be installed in an accessible location.

ATHENA / CASAMBI CONTROL Controls integrated into remote driver assembly. All equipment is serviceable.

Athena Model Numbers: A-WN-D01-RF-BL & DFC-0EM-DBI

Casambi Model Number: BT-S1E1-5400

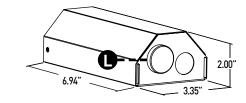
### M ATHENA / CASAMBI EM SHUNT

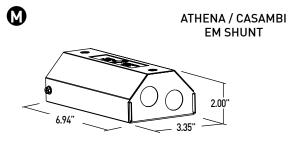
Inlcuded with drivers specified as ASR, ATR, CSR, or CTR. One required for each wireless EM fixture, requires class 2 control wiring between fixture and shunt. Features integrated test switch.

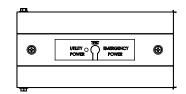
Model Number: PS-RMT-SHUNT

### **DIMENSIONS / DRAWINGS**











©2024 Lucifer Lighting Company

### TECHNICAL

### CONSTRUCTION

<u>Monopoint</u>: Machined aluminum body; painted finishes are granulated powder coat; Alumina finishes are anodized aluminum. <u>Remote Power Supply</u>: 22 Gauge galvanized steel. <u>Appliqué</u>: Machined Aluminum

### 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 configurations in color temperature of 2400K. Average rated lamp life of 50,000 hours.

### 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.

### TUNABLE WHITE LED

3-step MacAdam ellipse tunable white LED module available in 90+ CRI configuration. Features tuning ranges of 1800K to 4000K and 2700K to 5000K. Average rated lamp life of 50,000 hours.

### POWER SUPPLY PERFORMANCE AND DIMMING INFORMATION

	PHASE	E ECO			0-10V				DAI	_l-2	ATH	ENA	CAS	AMBI		
Power Supply	CE/RE	LH	LP	CA/RA	SG	SN	EG	EN	DG	DN	ED	DD	AS	AT	CS	СТ
Minimum °C	-20 °C	0°C	0°C	-20°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					
Dimming %	2.0%	1.0%	0.1%	2.0%	1.0%	1.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%

Note: For LH, LP, SG, SN, EG, EN, DG, and DN drivers consult chart on page 9 to confirm appropriate dimming curve for compatibility with selected control.

### MAXIMUM ALLOWABLE REMOTE DRIVER WIRING DISTANCES

	WIRE AWG					
DRIVER	12	14	16	18	20	
RA, RE	-	164'	105'	66'	40'	
SG, SN	285'	180'	113′	71'	45'	
LH, LP	60'	40'	25'	15'	-	
EG, EN, ED, DG, DN, DD, AS, AT, CS, CT	-	-	118'	72	46'	

#### LISTING

cTUVus listed to UL1598 standard for IP65 Wet locations. Title 24 JA8-2022 Listed. NEMA 410 Compliant.

### DECLARE

LBC Red List Approved.

**BUY AMERICA ACT** 

All CM1 Wall Mount Adjustable and Fixed fixtures are BAA compliant.

### LIMITED WARRANTY

Manufacturer's Limited Warranty guarantees product(s) listed to be free from defects in material and workmanship under normal use and service for 1-year. LED and power supplies are warranted to operate with 70% of original flux and remain within a range of 3 duv for a period of 5-years. 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

1.02/13/2024: ADDED TUNABLE WHITE OFFERING.

2.03/18/2024: UPDATED 10 DEGREE NARROW BEAM TO UTILIZE FILED REDUCER.

3.07/15/2024: REMOVED L2 DRIVER OFFERING.

4.09/19/2024: UPDATED WITH NEW BAFFLE DESIGN.





©2024 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 pg. 8 [FAX] +1-210-227-4967

### DIMMING COMPATABILITY

### PHILIPS DRIVER COMPATIBILITY

Power supply <b>SG</b> 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	IllumaTch IP7 series
Philips	Sunrise - SR1200ZTUNV

### LUTRON DRIVER COMPATIBILITY

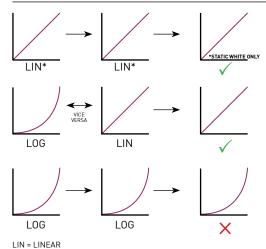
Power supply LH / LP Lutron Product Family	Part No.
PowPak Dimming Modules	RMJ-EC032-DV-B
PowPak Dimming Modules	FCJ/FCJS-ECO
Energi Savr Nodes	QSN-1ECO-S
GRAFIK Eye QS control unit Homeworks QS control unit	QSN-2ECO-S
GRAFIK Eye QS control unit Homeworks QS control unit	QSGRJE (wireless) QSGRE
Quantum 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 <b>EG, DG</b> 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-A08
Crestron®	DIN-4DIMFLV4
Crestron®	CLS-EXP-DIMFLV
Crestron®	CLCI-1DIMFLV2EX
Power supply <b>EN, DN</b> 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 DIMMER DRIVER OUTPUT



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



©2024 Lucifer Lighting Company