Elegant design means this monopoint does more. An inventive elbow built into the fixture body that allows a full 90 degree tilt and drop lengths of up to 1' extend adjustability.

PROJECT NAME:	TYPE:





ORDERING INFORMATION - MONOPOINT



JA8-2022 COMPLIANCE INDICATED BY SHADING

CYLINDER	LENGTH	FIXTURE	BODY FINISH	BAFFLE FINISH	STEM FINISH	CRI/WATTAGE PACKAGE	сст	OPTIC (UGR)	DRIVER	MEDIA	MOUNTING
CM1											
CM1 2.60"	" LENGTHS SL 14" Standard 06 6" 12 12" CUSTOM LENGTHS XX Specify in 1" increments between 2"-11" [Ex. 4" = 04]* "Ilncreased lead time] STEMS ARE NOT FIELD CUTTABLE	ADJUSTABLE DRY / DAMP AD1 Adjustable 90° Tilt FIXED ANGLE WET (IP65) F02 Fixed 0° No Tilt* F12 Fixed 15° Tilt* F32 Fixed 30° Tilt* F42 Fixed 45° Tilt* F15 SET AS SPECIFIED, CANNOT BE CHANGED IN THE FIELD	AB Architectural Bronze AG Satin Silver AU Cashmere Gold BB Burnt Bronze CF Custom Finish* *(Consult Factory) ALUMINA INTERIOR APPLICATIONS ONLY 01 Brushed Obsidian 02 Matte Obsidian 03 Brushed Dark Patinated Bronze 04 Matte Dark Patinated Bronze 05 Brushed Aged	POWDERCOAT WH White BK Black AB Architectural Bronze AG Satin Silver AU Cashmere Gold BB Burnt Bronze CF Custom Finish* *(Consult Factory) ALUMINA CONSULT FACTORY FOR ALUMINA FINISHES	POWDERCOAT WH White BK Black AB Architectural Bronze AG Satin Silver AU Cashmere Gold BB Burnt Bronze CF Custom Finish* *(Consult Factory) ALUMINA CONSULT FACTORY FOR ALUMINA FINISHES	STATIC WHITE 80511A 80+ CRI, 11 Watts Im Delivered - 1095 90511A 90+ CRI, 11 Watts Im Delivered - 941 97511A 97+ CRI, 11 Watts Im Delivered - 826 REMOTE STATIC WHITE 80517A 80+ CRI, 17 Watts Im Delivered - 1655 90517A 90+ CRI, 17 Watts Im Delivered - 1422 97517A 97+ CRI, 17 Watts Im Delivered - 1249 WARM DIM 90L11A 90+ CRI, 11 Watts Im Delivered - 920 Halogen Profile Im Delivered - 967 REMOTE WARM DIM REMOTE WARM DIM	24 2400K* *[90+ CRI only] 27 2700K 30 3000K 35 3500K 40 4000K 24 2400K* *[90+ CRI only] 27 2700K 30 3000K 35 3500K 40 4000K WL 2700K 1800K WD 3000K 1800K	25 25° (<10) 40 40° (<13) 60 60° (<13) 10 10°* (>19) *(17W package only) 15 15° (<16) 20 20° (<10) 25 25° (<10) 40 40° (<16) 15 15° (<13) 20 20° (<10) 25 25° (<10) 40 40° (<10) 60 60° (<13) 15 15° (<13)	CA	ALTERNATE MEDIA 2 Honeycomb Louver* *(Not available for Wet Location) 3 Clear Glass Lens 5 Frosted Glass Lens 6 Frosted Soft Focus Lens 7 Frosted Linear Spread Lens S Soft Focus Lens w/ Honeycomb Louver F Frosted Glass Lens w/ Honeycomb	ROUGH-IN J JBMP 4" Sq. or 4/0 Junction Box Mounting Plate. Features 2.6" diameter canopy "Mounting plate must be installed on junction box prior to ceiling installation) FINISH OUT C CMJB 1/2" and 3/4" Conduit Ceiling Mount Junction Box. Features matching 3.25" canopy.* "(Not available for Wet Location. Only available in powdercoat finishes. Alumina finish fixtures ship with Black powder coat CMJB) G Zero Sightline Gypsum 1/1/6" Applique Features 2.6" diameter
		06 Matte Aç Aluminu 07 Brushec Cast Bre 08 Matte Cast Bre 09 Brushec Patinate Bronze	Cast Brass 99 Brushed Light Patinated Bronze			90L17A 90+ CRI, 17 Watts Incandescent Profile Im Delivered - 1227 Halogen Profile Im Delivered - 1291 SEE PAGE 4 FOR WARM DIM PROFILE COMPARISON	WL 2700K - 1800K WD 3000K - 1800K		factory) CS1 Casambi Control eldoLED, DUALdrive 0.1%* *(Includes Athena Node. Increased lead time, consult factory) TUNABLE WHITE POWER SUPPLIES (120-277V) DD eldoLED, DUALdrive 0.1% DALI-2 DT8,	Location)	canopy.* *(Mounts to 4/0 junction box) R Remodel 4.5" diameter Flange Overla Canopy.* *(Mounts to existing 4/1 junction box)
CM1 Remo	ote driver sh nting ships s	RECOMMENDED FOR EXTERIOR APPLICATIONS, FINISHES ARE NOT UV RATED			REMOTE TUNABLE WHITE 90T17A 90+ CRI, 17W Cool Profile: 5000K - 2700K Im Delivered - 888 Warm Profile: 4000K - 1800K Im Delivered 896 ALLLM DELIVERED AND T24 COMPLIANCE REFLECT 3000K PAIRED WITH 25° OPTIC AND SOFT FOCUS LENS		15 15° (<13) 20 20° (<10) 25 25° (<10) 40 40° (<10) 60 60° (<13)	LOG DG eldoLED, DUALdrive 0.1% 0-10V, LOG DN eldol FD DUAL drive			





FINISHES

POWDERCOAT FINISHES



ALUMINA FINISHES BY LUCIFER LIGHTING™



ACCESSORIES

REPLACEMENT MEDIA

☐ HCL-CT1 Honevcomb Louver* ☐ CGL-CT1 Clear Glass Lens Soft Focus Lens ☐ SFL-CT1 Frosted Glass Lens ☐ FGL-CT1 ☐ FSFL-CT1 Frosted Soft Focus Lens ☐ FLSL-CT1 Frosted Linear Spread Lens

REPLACEMENT OPTICS

Interchangeable optics accessible by removing baffle.

Static WI	hite	Warm D	im	Tunable White			
☐ R0-50-15-S	15° optic	□ R0-50-15-W	15° optic	☐ R0-50-15-S	15° optic		
☐ R0-50-20-S	20° optic	☐ R0-50-20-W	20° optic	☐ R0-50-20-S	20° optic		
☐ R0-50-25-S	25° optic	☐ R0-50-25-W	25° optic	☐ R0-50-25-S	25° optic		
☐ R0-50-40-S	40° optic	☐ R0-50-40-W	40° optic	☐ R0-50-40-S	40° optic		
☐ R0-50-60-S	60° optic	□ R0-50-60-W	60° optic	☐ R0-50-60-S	60° optic		

EMERGENCY LIGHTING - REMOTE MOUNT ONLY

☐ 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

250 watt max capacity, 120 or 277 VAC 60Hz ☐ EMB-S-250-120/277-LEDX

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

NOTE: CONSULT FACTORY FOR USE WITH WIRELESS CONTROLS.

REPLACEMENT BAFFLE ASSEMBLY (INCLUDES MEDIA)

ASSEMBLY	SHAPE	RATING	FINISH MED	IA
RBA -	CM1		-	
REPLACEMENT BAFFLE ASSEMBLY	CM1 2.60°	1 IP20 Dry/Damp 2 IP65 Wet* * (Requires provided suction cup to service)	WH White BK Black AB Architectural Bronze AU Cashmere Gold BB Burnt Bronze PR Primer CF Custom Finish *(Consult Factory) *(Dot available for Wet Location) *(CGL Clear Glass Lens FGL Frosted Glass Lens FSFL Frosted Soft Focus Lens FLSL Frosted Linear Spread Lens NL No Lens *(Not available for Wet Location)	

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

pg. 2

PERFORMANCE - 3000K

LUMEN	WATTAGE	10° 0 FIELD RI		15° 0 SOFT FOC		20° 0 SOFT FOO		25° 0 SOFT FOO		40° 0 SOFT FOO		60° 0	
PACKAGE	WAITAGE	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
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
90L11A													
(2700K-1800K)	11	-	-	830	75	945	86	920	84	851	77	918	83
90L11A (3000K-1800K)	11	-	-	872	79	993	90	967	88	895	81	964	88
90L17A (2700K-1800K)	17	-	-	1107	65	1261	74	1227	72	1135	67	1223	72
90L17A (3000K-1800K)	17	-	-	1164	68	1326	78	1291	76	1194	70	1287	76
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

24

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	<16

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

ССТ	CCT SCALE
2400K	0.85
2700K	0.97
3000K	1.000
3500K	1.03
4000K	1.08

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		

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

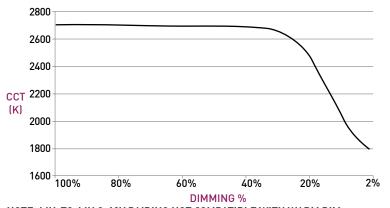
WARM DIM PERFORMANCE - SOFT FOCUS LENS - 25° OPTIC

INCANDESCENT PROFILE

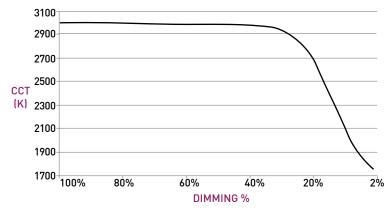
90L11AWL 2700K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
CCT (K)	2700	2700	2700	2600	2200	1900	1800
Light Output (Lm)	920	736	644	460	184	92	18
Power (W)	11	8.8	7.7	5.5	2.2	1.1	0.2
Efficacy (LPW)	84	84	84	84	84	84	84
90L17AWL 2700K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
CCT (K)	2700K	2700K	2700K	2700K	2500K	1950K	1800K
Light Output (Lm)	1227	982	859	614	245	123	25
Power (W)	22	17.6	15.4	11	4.4	2.2	0.4
Efficacy (LPW)	72	72	72	72	72	72	72

HALOGEN PROFILE

90L11AWD 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	3000	3000	3000	2500	1900	1800
Light Output (Lm)	967	774	677	484	193	97	19
Power (W)	11	8.8	7.7	5.5	2.2	1.1	0.2
Efficacy (LPW)	88	88	88	88	88	88	88
90L17AWD 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)	3000K	3000K	3000K	3000K	3000K	2150K	1800K
Light Output (Lm)	1291	1033	904	646	258	129	26
Power (W)	22	17.6	15.4	11	4.4	2.2	0.4
Efficacy (LPW)	76	76	76	76	76	76	76



 $\underline{\text{NOTE}}\textsc{:}\ \text{LIN-TO-LIN}\ \text{O-10V}\ \text{PAIRING}\ \text{NOT}\ \text{COMPATIBLE}\ \text{WITH WARM}\ \text{DIM}.$



MONOPOINT

A STEM

Standard length is 1.4", available in eveninch increments between 2"-12". Stem is not field cuttable. Powdercoat finishes standard, consult factory for Alumina finishes.

B BODY

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

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

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.

BAFFLE

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

G CANOPY

Adjustable Dry/Damp fixture features 0.175" and Fixed Wet fixture features 0.3" tall canopy

ADJUSTABLE FIXTURE

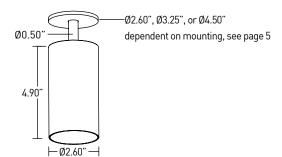
Features 90° tilt and 365° rotation. Only available for Dry / Damp locations.

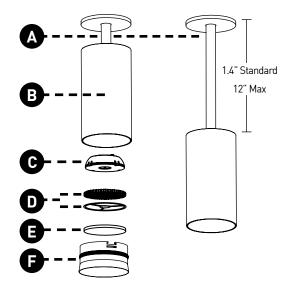
FIXED FIXTURE

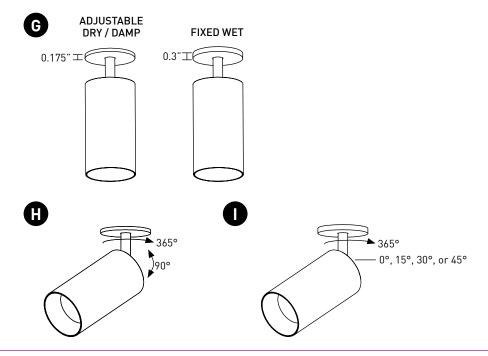
Available with pre-set tilts of 0°, 15°, 30°, or 45°, and features 365° rotation. Wet rated, may be used in Dry / Damp locations.

IMPORTANT: FIXED FIXTURE TILT CANNOT BE ADJUSTED OR CHANGED IN THE FIELD. FIXTURES MUST BE RETURNED TO FACTORY FOR TILT CHANGES AT ADDITIONAL COST.

DIMENSIONS / DRAWINGS









pg. 5

MOUNTING

JUNCTION BOX MOUNTING PLATE

Mounting plate (concealed) for standard 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 - CM-JBMP.

ZERO-SIGHTLINE

Provided with mud-in applique that mounts to standard 4" 4/0 juntion box. Allows fixture canopy to be recessed into ceiling for a flush zero-sightline aesthetic. Standard plaster stop thickness of 1/16". Not recommended for stucco applications.

Dry / Damp Part Number - DLA-APP-CM Wet Part Number - DLA-APP-CM-2

CEILING MOUNT JUNCTION BOX

Ceiling mount junction box perfectly matches canopy 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 (Dry / Damp); powdercoat finishes only. Blank off plugs included.

Part number - CM-CMJB-(Finish).

M 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.

REMOTE POWER SUPPLY

Remote power supply provides additional driver options. See page 7 for maximum allowable wiring distance. Must be installed in an accessible location.

ATHENA / CASAMBI CONTROL

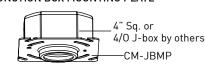
Controls integrated into remote driver assembly. All equipment is serviceable.

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

Casambi Model Number: BT-S1E1-5400

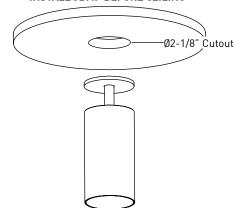
DIMENSIONS / DRAWINGS

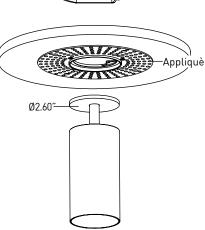
JUNCTION BOX MOUNTING PLATE



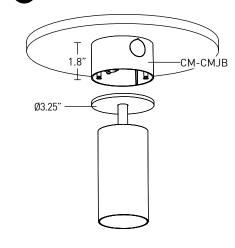




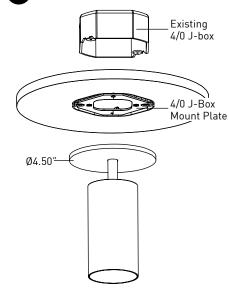


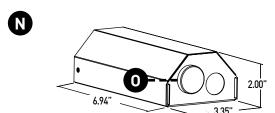


CEILING MOUNT JUNCTION BOX











TECHNICAL

CONSTRUCTION

<u>Monopoint</u>: Machined aluminum body; painted finishes are granulated powder coat; Alumina finishes are anodized aluminum.

Remote Power Supply: 22 Gauge galvanized steel.

Appliqué: 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 I FD



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	00		0-10V					DALI-2		ATHENA		CASAMBI		
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	-20 °C	-20 °C	-20°C	-20 °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	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 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
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 Dry / Damp and IP65 Wet locations. Title 24 JA8-2022 Listed. NEMA 410 Compliant.

DECLARE

LBC Red List Approved.

BUY AMERICA ACT

All CM1 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.



1.04/27/2023: ADDED AU AND BB FINISHES OPTIONS FOR BODY AND STEM

2.04/27/2023: ADDED DECLARE LBC RED LIST APPROVED.

3.08/07/2023: ADDED NEW LED AND OPTIC OFFERINGS.

REMOVED 2400K OFFERING.

4.01/17/2024: ADDED WET RATED FIXED FIXTURE, ATHENA AND CASAMBI CONTROL, AND INTEGRAL WARM DIM OFFERINGS.

5.02/13/2024: ADDED TUNABLE WHITE OFFERING.

6.03/18/2024: UPDATED 10 DEGREE NARROW BEAM TO UTILIZE FILED REDUCER.

7.07/15/2024: REMOVED L2 DRIVER OFFERING. 8.09/19/2024: UPDATED WITH NEW BAFFLE DESIGN. 9.09/23/2025: DISCONTINUED EM SHUNT OFFERINGS.





DIMMING COMPATABILITY

PHILIPS DRIVER COMPATIBILITY

Power supply SG 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 EG, DG 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 EN, DN 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	

LOG = LOGARITHMIC

*LIN-TO-LIN NOT COMPATIBLE FOR WARM-DIM