MONOPOINT CN

tive elbow built into the fixture body that allows a full 90 degree tilt and drop lengths of up to 1' extend adjustability.

42 SURFACE MOUNT	
	0

Elegant design means this monopoint does more. An inven-



TYPE:

PROJECT NAME:

CYLINDER LENG		FIXTURE	BODY	BAFFLE	STEM	CRI/WATTAGE	сст	OPTIC	DRIVER	MEDIA	MOUNTING
СМ2			FINISH	FINISH	FINISH	PACKAGE		(UGR)			
M2 3.25"	LENGTHS SL 1.4" Standard 06 6" 12 12" CUSTOM LENGTHS XX Specify in 1" increments between 2"-11" (Ex. 4" = 04)* *(Increased 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 30° Tilt* F42 Fixed 45° Tilt* F42 Fixed 45° Tilt* F42 Fixed AS° Tilt* TILT IS SET AS SPECIFIED, CANNOT BE CHANGED IN THE FIELD	 BB Burnt Bronze CF Custom Finish* *(Consult Factory) ALUMINA INTERIOR APPLICATIONS ONLY O1 Brushed Obsidian O2 Matte Obsidian O3 Brushed Dark Patinated Bronze O4 Matte Dark Patinated Bronze O5 Brushed Aged Aluminum O7 Brushed Cast Brass O8 Matte Cast Brass O8 Matte Cast Brass O9 Brushed Light Patinated Bronze O1 Matte Light Patinated Bronze ALUMINA NOT RECOMMENDED FOR EXTERIOR APPLICATIONS, FINISHES ARE NOT 	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 - 1216 80517A 80+ CRI, 17 Watts Im Delivered - 1843 90511A 90+ CRI, 17 Watts Im Delivered - 1045 90517A 90+ CRI, 17 Watts Im Delivered - 1583 97511A 97+ CRI, 17 Watts Im Delivered - 1583 97517A 97+ CRI, 17 Watts Im Delivered - 918 97517A 97+ CRI, 17 Watts Im Delivered - 2368 97528B 80+ CRI, 28 Watts Im Delivered - 2368 97528B 90+ CRI, 28 Watts Im Delivered - 2368 97528B 97+ CRI, 28 Watts Im Delivered - 2368 97528B 97+ CRI, 28 Watts Im Delivered - 2368 97528B 97+ CRI, 28 Watts Im Delivered - 2079 WARM DIM 90L17A 90+ CRI, 17 Watts Incandescent Profile Im Delivered - 1309 SEE PAGE 3 FOR WARM DIM PROFILE COM- PARISON. REMOTE 70728B 90+ CRI, 28W Cool Profile: 5000K - 2700K Im Delivered - 1977 Warm Profile: 4000K - 1800K Im Delivered - 1995	24 2400K* *'(90- CRI only) 27 27 2700K 35 3500K 40 4000K 27 2700K 30 3000K 35 3500K 40 4000K 35 3500K * * 30 3000K 35 3500K* * * 40 4000K WL 2700K - 1800K WD 3000K - 2700K - 1800K TH 5000K - 2700K TR 4000K - 1800K	10 10 10 10 20 20° (-10) 25 25° (-10) 40 40° (-10) 60 60° (-16) 15 15° (-13) 20 20° (-10) 25 25° (-10) 25 25° (-10) 40 40° (-10) 60 60° (-16) 15 15° (-13)	CA 0-10V Analog 120-277V CE Electronic ELV / TRIAC 120V REMOTE (120V) RE Electronic ELV / TRIAC 120V RE Electronic ELV / TRIAC 120V RE 0-10V Analog *118W Maxl LI Lutron, Hi-Lume Ecosystem 1% Fade to Black, LP Lutron, Hi-Lume Premier Ecosystem 0.1% Fade to Black, LP Lutron, Hi-Lume Premier Ecosystem 0.1% Fade to Black, LP Lutron, Hi-Lume Premier Ecosystem 0.1% Fade to Black, EG eldoLED, SOLOdrive 0.1% 0-10V, LIN ED eldoLED, SOLOdrive 0.1% 0-10V, LIN ED eldoLED, SOLOdrive 0.1% 0-10V, LIN ED eldoLED, SOLOdrive 0.1% 0-10V, LIN ED eldoLED, SOLOdrive 0.1% ASR eldoLED, DUALdrive 0.1% *1Includes Athena Node. Increased lead time, consult factory. SR includes shunt.] CS1 / Casambi Control CSR eldoLED, DUALdrive 0.1% *1Includes Athena Node. Increased lead time, consult factory. CSR includes shunt.] TUNABLE WHITE PUWER SUPPLIES (120-277V) DD eldoLED, DUALdrive 0.1% 0-10V, LIN ADI / Athena Control	STANDARD MEDIA 4 Soft Focus Lens* *(Required for 10° optic) ALTERNATE MEDIA 2 Honeycomb Louver* *(Not available for Wet Location) 3 Clear Glass Lens 5 Frosted Glass Lens 5 Frosted Glass Lens 5 Forsted Linear Spread Lens 5 Soft Focus Lens w/ Honeycomb Louver F Frosted Glass Lens w/ Honeycomb Louver N No Lens* *(Not available for Wet Location)	ROUGH-IN J JBMP 4" Sq. or 4/0 Junction Box Mounting Plate Features 3.25" diameter canop "(Mounting plate must be installed on junctio box prior to ceiling installation). FINISH OUT C CMJB 1/2" and 3/4" Conduit Ceilin Mount Junctio Box. Features matching 3.25 canopy. "Notavailable for Wet Location. Only available in powdercoat finishes Aumina finish fixture ship with Black powde coat CMJB) G Zero Sightline Gypsum 11/16" Appliqu Features 2.6" diameter canopy* "Mounts to 4/0 junction box! R Remodel 4.5" diameter Flange Overlar Canopy* "Mounts to existing 4, junction box!
CM2 Rem Mou	ote driver sl nting ships s	g., CM202AD nips as e.g., separate fro		511*3040CA*4 28B-1RE* numbers listed	on page 5.	ALL LM DELIVERED AND T24 COMPLIANCE REFLECT 3000K PAIRED WITH 20° OPTIC AND			AD1 / Athena Control ADR eldoLED, DUALdrive 0.1%* *Increased lead time, consult factory. ADR includes shunt.] CD1 / Casambi Control CDR eldoLED, DUALdrive 0.1%* *Increased Sasambi Node.		



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ACCESSORIES

REPLACEMENT MEDIA

□ HCL-CT2	Honeycomb Louver
	Clear Glass Lens
SFL-CT2	Soft Focus Lens
□ FGL-CT2	Frosted Glass Lens
□ FSFL-CT2	Frosted Soft Focus Lens
□ FLSL-CT2	Frosted Linear Spread Lens

REPLACEMENT OPTICS

Interchangeable optics accessible by removing baffle.

Static W	hite	Warm D	im	Tunable White			
🗆 R0-70-15-S	15° optic	🗆 R0-70-15-W	15° optic	🗆 R0-70-15-S	15° optic		
🗆 R0-70-20-S	20° optic	🗆 R0-70-20-W	20° optic	🗆 R0-70-20-S	20° optic		
🗆 R0-70-25-S	25° optic	🗆 R0-70-25-W	25° optic	🗆 R0-70-25-S	25° optic		
🗆 R0-70-40-S	40° optic	🗆 R0-70-40-W	40° optic	🗆 R0-70-40-S	40° optic		
🗆 R0-70-60-S	60° optic	🗆 R0-70-60-W	60° optic	🗆 R0-70-60-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.



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MONOPOINT CM2 SURFACE MOUNT

PERFORMANCE - 3000K

LUMEN		10° OPTIC FIELD REDUCER		15° 0		20° 0		25° C		40° OPTIC SOFT FOCUS LENS		60° C	
PACKAGE	WATTAGE			SOFT FOC		SOFT FOC		SOFT FOO				SOFT FOO	
PACKAGE		DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW
80S11A	11	613	55	1143	104	1216	111	1202	109	1124	102	949	86
80S17A	17	828	49	1750	103	1843	108	1823	107	1690	99	1440	85
80S28B	28	-	-	2571	92	2756	98	2694	96	2529	90	2072	74
90S11A	11	528	48	982	89	1045	95	1033	94	966	88	815	74
90S17A	17	714	42	1503	88	1583	91	1566	92	1452	85	1237	73
90S28B	28	-	-	2209	79	2368	85	2314	83	2193	78	1780	64
97S11A	11	456	41	862	78	918	83	907	82	848	77	716	65
97S17A	17	616	36	1320	78	1390	82	1375	81	1275	75	1086	64
97S28B	28	-	-	1939	69	2079	74	2032	73	1908	68	1563	56
90L17A (2700K-1800K)	17	-	-	1249	73	1244	73	1229	72	1177	69	1046	62
90L17A (3000K-1800K)	17	-	-	1314	77	1309	77	1293	76	1238	73	1100	65
90T28B (4000K-1800K)	28	-	-	1972	70	1995	71	1971	70	1837	66	1655	59
90T28B (5000K-2700K)	28	-	-	1954	70	1977	71	1953	70	1820	65	1640	59

JA8-2022 INDICATED BY SHADING

UNIFIED GLARE RATING

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

0011 01 14	OEIII EIEIN
ССТ	CCT SCALE
2400K	0.85
2700K	0.97
3000K	1.000
3500K	1.03
4000K	1.08

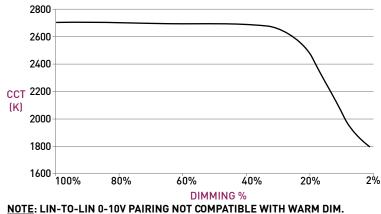
TUNABLE WHITE MULTIPLIER

сст	5000K- 2700K	4000K- 1800K
5000K	1.16	-
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

WARM DIM PERFORMANCE - SOFT FOCUS LENS - 20° OPTIC

INCANDESCENT PROFILE

90L17AWL 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)	2700	2700	2700	2700	2500	1950	1800
Light Output (Lm)	1244	995	871	622	249	124	25
Power (W)	17	8.8	7.7	5.5	2.2	1.1	0.2
Efficacy (LPW)	73	73	73	73	73	73	73



HALOGEN PROFILE 90L17AWD Full on Dimmed Dimmed Dimmed Dimmed Dimmed Dimmed to 20% 3000K - 1800K 100% to 80% to 50% to 10% to 70% to 2% CCT (K) 3000 3000 3000 3000 3000 2150 1800 Light Output (Lm) 1309 1047 916 655 262 131 26 Power (W) 17 8.8 7.7 5.5 2.2 1.1 0.2 Efficacy (LPW) 77 77 77 77 77 77 77 3100 2900 2700



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MONOPOINT CM2 SURFACE MOUNT

MONOPOINT

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.

BODY

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

O 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 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.

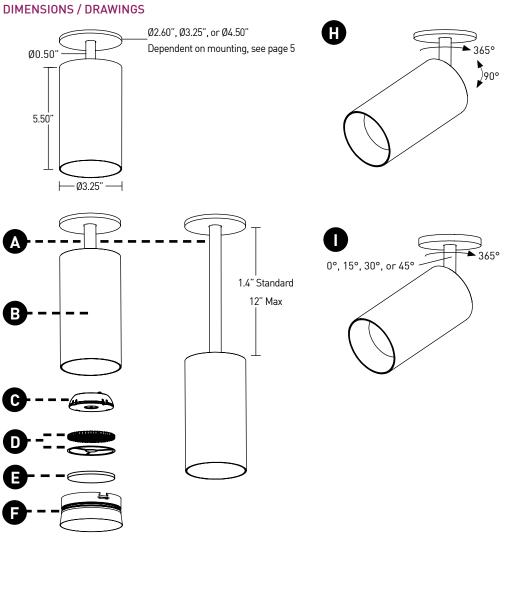
ADJUSTABLE FIXTURE

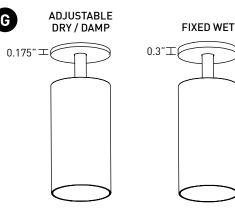
Features 90° tilt and 365° rotation. Only available for Dry / Damp locations.

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.







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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.

Ø ZERO-SIGHTLINE

Provided with mud-in appliquè that mounts to standard 4" 4/0 juntion box. Allows fixture canopy to be recessed into ceiling for a flush or 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

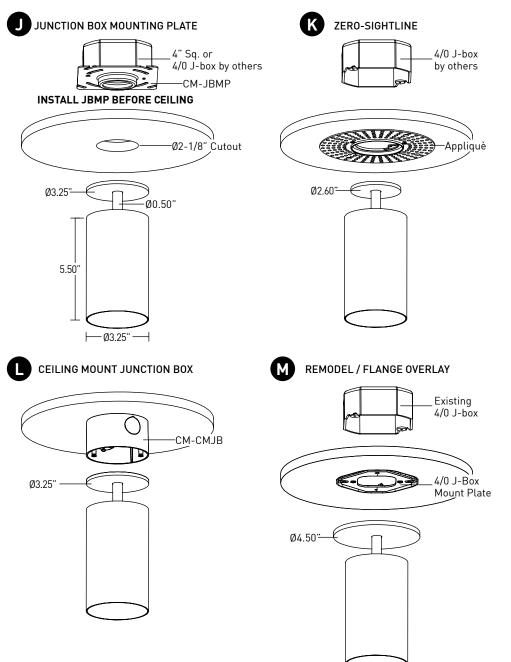
Ceiling mount junction box perfectly matches canopy profile for a continuous, integrated look where exposed ceiling mount junction box and conduit applications apply. For use with 1/2" and 3/4" EMT conduit only. Features two conduit entrances on either side and one conduit knockout on top of j-box. J-box 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.







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MONOPOINT CM2 SURFACE MOUNT

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

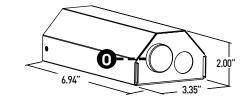
Casambi Model Number: BT-S1E1-5400

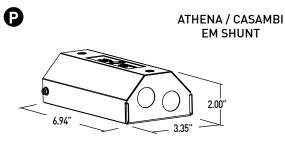
ATHENA / CASAMBI EM SHUNT

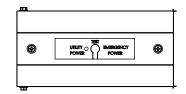
Inlcuded with drivers specified as ASR, ATR, CSR, or CTR. One required for each wireless EM fixture, requires class 2 control wiring between fixture and shunt. Features integrated test switch.

Model Number: PS-RMT-SHUNT

DIMENSIONS / DRAWINGS









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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

CHANGE LOG

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. 9.05/07/2025: UPDATED WARM DIM OFFERING.

	PHASE	E	CO		0-10V					0-10V DALI-2		DALI-2 ATHENA		ENA	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	-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 CM2 Adjsutable 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.





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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

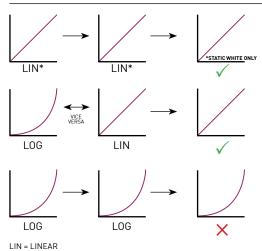
Power supply LH / LP Lutron Product Family	Part No.
PowPak Dimming Modules	RMJ-EC032-DV-B
PowPak Dimming Modules	FCJ/FCJS-ECO
Energi Savr Nodes	QSN-1ECO-S
GRAFIK Eye QS control unit Homeworks QS control unit	QSN-2ECO-S
GRAFIK Eye QS control unit Homeworks QS control unit	QSGRJE (wireless) QSGRE
Quantum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

ANALOG DRIVERS AND DIMMERS DIMMER DRIVER OUTPUT



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



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