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 1.4" 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	15° Tilt* F32 Fixed 30° Tilt* F42 Fixed 45° Tilt* *FIXED ANGLE TILT IS SET AS SPECIFIED, CANNOT BE CHANGED IN THE FIELD	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 Aluminum  06 Matte Aged Aluminum  07 Brushed Cast Brass  08 Matte Cast Brass  09 Brushed Light Patinated Bronze  10 Matte Light Patinated Bronze	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  80S11A 80+ CRI, 11 Watts Im Delivered - 1095  90S11A 90+ CRI, 11 Watts Im Delivered - 941  97S11A 97+ CRI, 11 Watts Im Delivered - 826  REMOTE STATIC WHITE  80S17A 80+ CRI, 17 Watts Im Delivered - 1655  90S17A 90+ CRI, 17 Watts Im Delivered - 1422  97S17A 97+ CRI, 17 Watts Im Delivered - 1249  WARM DIM  90W11A 90+ CRI, 11 Watts Incandescent Profile Im Delivered - 654  Halogen Profile Im Delivered - 658  REMOTE WARM DIM  90W18A 90+ CRI, 18 Watts Incandescent Profile Im Delivered - 1017  Halogen Profile Im Delivered - 1017  SEE PAGE 4 FOR WARM DIM PROFILE COMPARISON  REMOTE TUNABLE WHITE  90T17A 90+ CRI, 17W  Cool Profile: 5000K - 2700K Im Delivered - 888  Warm Profile: 4000K - 1800K Im Delivered - 896	35 3500K 40 4000K 24 2400K** 90+CRI only  27 2700K 30 3000K 35 3500K 40 4000K WL 2600K-1800K WD 2900K-1800K WD 3000K-1800K TH 5000K-1800K	<b>25</b> 25° (<10)	120-277V CE Electronic ELV / TRIAC 120V REMOTE (120V) RE Electronic ELV / TRIAC REMOTE (120V-277V) RA 0-10V Analog LH Lutron, Hi-Lume Ecosystem 1% Fade to Black, LP Lutron, Hi-Lume Premier Ecosystem 0.1% Fade to Black EG eldol ED, SOLOdrive 0.1% 0-10V, LOG EN eldoLED, SOLOdrive 0.1% 0-10V, LOG EN eldoLED, SOLOdrive 0.1% 0-10V, LOG EN eldoLED, DUALdrive 0.1% ASR includes shunt.) CS1 / Casambi Control ASR eldol ED, DUALdrive 0.1%* *Ilnctudes Athena Node. Increased lead time, consult factory. ASR includes shunt.) TUNABLE WHITE POWER SUPPLIES (120-277V) DD eldoLED, DUALdrive 0.1% 0-10V, LOG DN eldoLED, DUALdrive 0.1% 0-10V, LOG		ROUGH-IN  J JBMP 4" Sq. or 4/0 Junction Box Mounting Plate Features 2.6" diameter canop *(Mounting plate must be installed on junction box prior to ceiting installation)  FINISH OUT  C CMJB 1/2" and 3/4" Conduit Ceiting Mount Junction Box. Features matching 3.25' canopy.* *(Notavailable for Wet Location. Only available in powdercoat finishes. Aluminiat finish fixtures ship with Black powder coat CMJB)  G Zero Sightline Gypsum [1/16" Applique Features 2.6" diameter canopy.* *(Mounts to 4/0 junction box)  R Remodel 4.5" diameter Flange Overlay Canopy.* *(Mounts to existing 4// junction box)
<ul><li>CM1</li><li>Remo</li><li>Mour</li></ul>	Patinated Bronze  ALUMINA NOT RECOMMENDED FOR EXTERIOR APPLICATIONS, FINISHES ARE NOT	7017A 90+ CRI, 17W Cool Profile: 5000K - 2700K Im Delivered - 888 Warm Profile: 4000K - 1800K	2700K TR 4000K - 1800K	20 20° (<10) 25 25° (<10)	20 20° (<10) 25 25° (<10) 40 40° (<10) ADRIVED A DIVIDITION OF TOWN LIN ADRIVED A DIVIDITION OF TOWN LIN ADRIVED A DIVIDITION OF TOWN LIN ADRIVED A DRIVED A						





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### **FINISHES**

### **POWDERCOAT FINISHES**



### ALUMINA FINISHES BY LUCIFER LIGHTING™



### **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 V	Vhite
☐ 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.



### PERFORMANCE - 3000K

LUMEN		10° 0 FIELD RI		15° 0 SOFT FOC		20° 0 SOFT FOO		25° 0 SOFT FOO		40° 0 SOFT FOO		60° 0	
PACKAGE	WATTAGE	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
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
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

#### 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	-
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
FIELD REDUCER	SOFT FOCUS LENS				
>19	<16	<10	<10	<10	

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

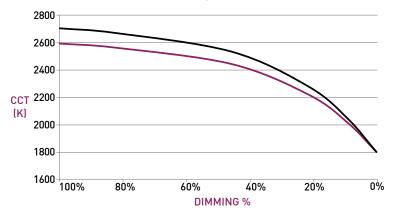
### INCANDESCENT DIMMING PROFILE

90W11AL 2600K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
CCT (K)	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%
CCT (K)	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

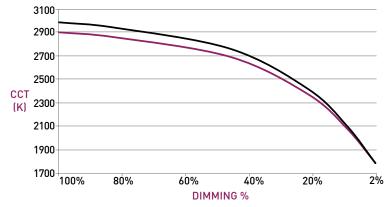
### HALOGEN WARM DIM PROFILE

90W11AD 2900K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed 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 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)	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



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

### 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.

### 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

Provided with 10° optic, includes honeycomb louver. 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

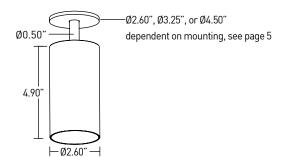
Features 90° tilt and 365° rotation. Only available for Dry / Damp locations.

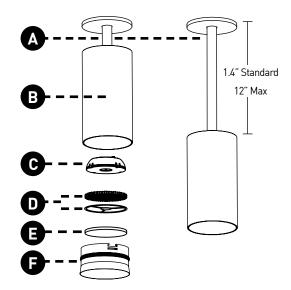
### FIXED FIXTURE

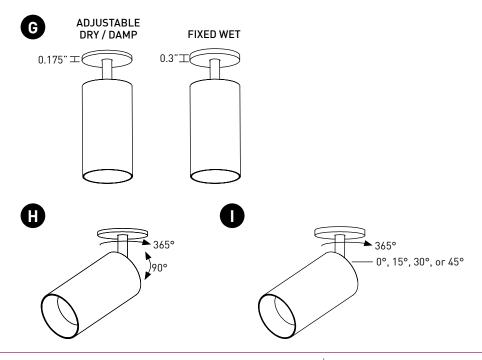
Available with pre-set tilts of  $0^{\circ}$ ,  $15^{\circ}$ ,  $30^{\circ}$ , or  $45^{\circ}$ , and features  $365^{\circ}$  rotation. Wet rated, may be used in Dry / Damp locations.

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**









### **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. Features minimalist 2.6" diameter canopy

Part Number - CM-JBMP.

### 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 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.

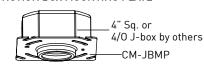
Part number - CM-CMJB-(Finish).

### M REMODEL / FLANGE OVERLAY

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

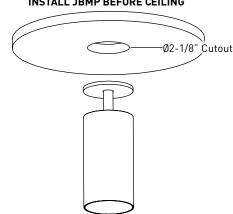
### **DIMENSIONS / DRAWINGS**

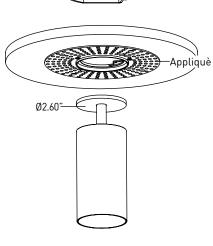
### JUNCTION BOX MOUNTING PLATE



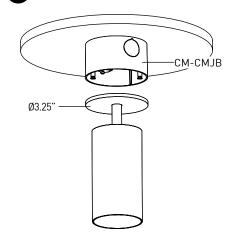


### **INSTALL JBMP BEFORE CEILING**

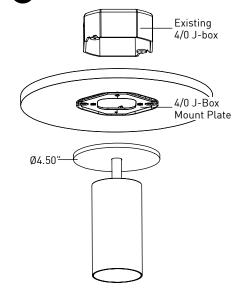




# **CEILING MOUNT JUNCTION BOX**



# REMODEL / FLANGE OVERLAY



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

pg. 6

### **REMOTE POWER SUPPLY**

- 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.

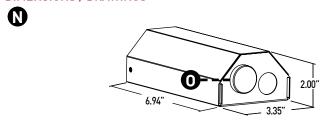
Athena Model Numbers: A-WN-D01-RF-BL & DFC-0EM-DBI

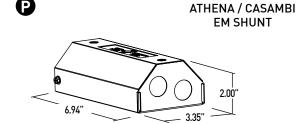
Casambi Model Number: BT-S1E1-5400

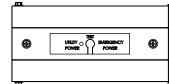
P ATHENA / CASAMBI EM SHUNT
Inlcuded with drivers specified as ASR,
ATR, CSR, or CTR. One required for each
wireless EM fixture, requires class 2 control
wiring between fixture and shunt. Features
integrated test switch.

Model Number: PS-RMT-SHUNT

### **DIMENSIONS / DRAWINGS**







### **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	ECO 0-10V							DAI	LI-2	ATH	ENA	CASA	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	-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				
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 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.





### DIMMING COMPATABILITY

### PHILIPS DRIVER COMPATIBILITY

Power supply <b>SG Manufacturer</b>	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**

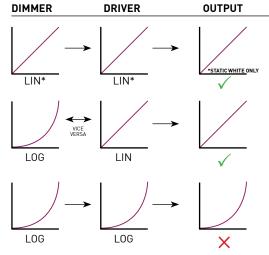
Power supply LH / LP Lutron Product Family	Part No.
PowPak Dimming Modules	RMJ-EC032-DV-B
PowPak Dimming Modules	FCJ/FCJS-EC0
Energi Savr Nodes	QSN-1ECO-S
GRAFIK Eye QS control unit Homeworks QS control unit	QSN-2ECO-S
GRAFIK Eye QS control unit Homeworks QS control unit	QSGRJE (wireless) QSGRE
Quantum 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 Manufacturer</b>	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 Manufacturer</b>	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



LIN = LINEAR

LOG = LOGARITHMIC

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