PROJECT NAME:	TYPE:

	4	
	П	

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



148-2022 COMPLIANCE INDICATED BY SHADING

YLINDER	LENGTH	FIXTURE	BODY FINISH	BAFFLE FINISH	STEM FINISH	CRI/WATTAGE PACKAGE	ССТ	OPTIC (UGR)	DRIVER	MEDIA	MOUNTING			
CM2	SL	F92												
12 3.25"	LENGTHS SL 1.4" Standard STEM IS NOT FIELD CUTTABLE	FIXED ANGLE WET (1P65) F92 Fixed 90° Tilt	POWDERCOAT WH White BK Black AB Architectural Bronze AG Satin Silver AU Cashmere Gold BB Burnt Bronze CF Custom Finish* *(Consult Factory) ALUMINA INTERIOR APPLICATIONS ONLY	BB Burnt Bronze CF Custom Finish* *(Consult Factory) ALUMINA CONSULT FACTORY FOR ALUMINA	BB Burnt Bronze CF Custom Finish* *(Consult Factory) ALUMINA CONSULT FACTORY FOR ALUMINA	\$TATIC WHITE 80\$11A 80+ CRI, 11 Watts Im Delivered - 1216 80\$17A 80+ CRI, 17 Watts Im Delivered - 1843 90\$11A 90+ CRI, 11 Watts Im Delivered - 1045 90\$17A 90+ CRI, 17 Watts Im Delivered - 1583 97\$11A 97+ CRI, 17 Watts Im Delivered - 918 97\$17A 97+ CRI, 17 Watts Im Delivered - 1390 REMOTE	24 2400K* *[90+CRI only] 27 2700K 30 3000K 35 3500K 40 4000K	10 10° (>19) 15 15° (<13) 20 20° (<10) 25 25° (<10) 40 40° (<10) 60 60° (<16)	CE Electronic ELV / TRIAC 120V REMOTE (120V) RE Electronic ELV / TRIAC L2 Lutron, Hi-Lume 1%2-wire REMOTE (120V-277V) RA 0-10V Analog LH Lutron, Hi-Lume Ecosystem	STANDARD MEDIA 4 Soft Focus Lens* *(Required for 10* optic) ALTERNATE MEDIA 3 Clear Glass Lens* *(Standard with 10* optic. Not available for Warm Dim.) 5 Frosted Glass Lens 6 Frosted Soft	ROUGH-IN J JBMP 4" Sq. or 4/0 Junction Box Mounting Plate Features 2.6" diameter canno "Mounting plate must be installed on junctior box prior to substrate installation) FINISH OUT R Remodel 4.5" diameter Flange Overlay Canopy.* "Mounts to existing 4/			
	ONLY 01 Brushed Obsidian 02 Matte Obsidia 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 ALUMINA NOT RECOMMENDED FOR EXTERIOR APPLICATIONS,					 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 	FINISHES	FINISHES	STATIC WHITE 80528B 80+ CRI, 28 Watts Im Delivered - 2756 90528B 90+ CRI, 28 Watts Im Delivered - 2368 97528B 97+ CRI, 28 Watts Im Delivered - 2079 WARM DIM 90W18A 90+ CRI, 18 Watts Incandescent Profile Im Delivered - 1140 Halogen Profile Im Delivered - 1128 SEE PAGE 3 FOR WARM DIM PROFILE COM- PARISON.	30 3000K 35 3500K* *[Not available for 97+ CRI] 40 4000K WL 2700K - 1800K WD 3000K - 1800K	20 20° (<10) 25 25° (<10)	LP Lutron, Hi-Lume Premier Ecosystem 0.1% Fade to Black EG eldoLED, SOLOdrive 0.1% 0-10V, LOG EN eldoLED, SOLOdrive 0.1% 0-10V, LIN ED eldoLED, SOLOdrive 0.1% DALI-2, LOG AS1 / Athena Control ASR eldoLED, DUALdrive 0.1%* *Includes Athena Node. Increased lead time, consult factory. ASR includes shunt.] CS1 / Casambi Control CSR eldoLED, DUALdrive 0.11%* *Includes Athena Node.	Focus Lens Forsted Linear Spread Lens Soft Focus Lens W/ Honeycomb Louver Forsted Glass Lens W/ Honeycomb Louver	junction box)
DART NI		Bronze 10 Matte Light Patinated Bronze ALUMINA NOT RECOMMENDED FOR EXTERIOR APPLICATIONS, FINISHES ARE NOT			REMOTE TUNABLE WHITE 90T28A 90+ CRI, 28W Cool Profile: 5000K - 2700K Im Delivered - 1977 Warrn Profile: 4000K - 1800K Im Delivered 1995	TH 5000K - 2700K TR 4000K - 1800K	15 15° (<13) 20 20° (<13) 25 25° (<13) 40 40° (<13) 60 60° (<16)	0.1% DALİ-2, LOG DG1 eldoLED, DUALdrive 0.1% 0-10V, LOG DL1 eldoLED, DUALdrive 0.1% 0-10V, LIN AD1/Athena Control ADR eldoLED, DUALdrive 0.1%* *(Includes Athena Node.						
CM2 Remo Mour	ships as e.g ote driver sh nting ships s	g., CM2SLF9 nips as e.g., separate fro	2WHBKWH90S PS-RMT-90S-2 m fixture, part	28B-1L2* numbers listed	on page 5.	ALLLM DELIVERED AND T24 COMPLIANCE REFLECT 3000K PAIRED WITH 20° OPTIC AND SOFT FOCUS LENS		SEE PAGE 3 FOR UGR RATINGS	"Includes Athena Node. Increased lead time, consult, actory, ADR includes shunt, CD1 / Casambi Control CDR eldoLED, DUALdrive 0.1%* "Includes Casambi Node. Extended lead time, consult factory, CDR includes shunt)					





FINISHES

POWDERCOAT FINISHES



ALUMINA FINISHES BY LUCIFER LIGHTING™



ACCESSORIES

REPLACEMENT MEDIA

☐ **HCL-CT2** Honeycomb Louver*

*(Not available for Warm Dim)

☐ CGL-CT2 Clear Glass Lens*

*(Not available for Warm Dim)

□ **SFL-CT2** Soft Focus Lens □ **FGL-CT2** Frosted Glass Lens

☐ **FSFL-CT2** Frosted Soft Focus Lens ☐ **FLSL-CT2** Frosted Linear Spread Lens

TESE-CIZ Trosted Linear Spread

SECOND MEDIA GASKET

Replaces standard gasket when installing second media. Not required if two media are specified with fixture.

□ 2EDG-CT2 Two Media Gasket

REPLACEMENT OPTICS

Interchangeable optics accessible by removing baffle.

Static W	hite	Warm D	im	Tunable White			
☐ R0-70-15-S	15° optic	□ R0-70-20-W	20° optic	☐ R0-70-15-T	15° optic		
☐ R0-70-20-S	20° optic	☐ R0-70-25-W	25° optic	☐ R0-70-20-T	20° optic		
☐ R0-70-25-S	25° optic	□ R0-70-40-W	40° optic	☐ RO-70-25-T	25° optic		
☐ R0-70-40-S	40° optic	□ R0-70-60-W	60° optic	☐ R0-70-40-T	40° optic		
☐ R0-70-60-S	60° optic			☐ R0-70-60-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
 □ EMB-S-100-120-LEDX
 □ EMB-S-100-277-LEDX
 □ EMB-S-100-277-LEDX
 □ EMB-S-250-120/277-LEDX
 □ EMB-S-250-120/277-LEDX
 25 watt max capacity, 120 or 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 PACKAGE	WATTAGE	SOFT FOO	10° OPTIC SOFT FOCUS LENS DELIVERED LPW		15° OPTIC SOFT FOCUS LENS DELIVERED LPW		20° OPTIC SOFT FOCUS LENS DELIVERED LPW		25° OPTIC SOFT FOCUS LENS DELIVERED LPW		40° OPTIC SOFT FOCUS LENS DELIVERED LPW		60° OPTIC SOFT FOCUS LENS DELIVERED LPW	
		DELIVERED	LPVV	DELIVERED	LPW	DELIVERED	LPVV	DELIVERED	LPW	DELIVERED	LPVV	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	
90W18A (2700K-1800K)	18	-	-	-	-	1140	63	1128	63	1044	58	915	51	
90W18A (3000K-1800K)	18	-	-	-	-	1128	63	1126	63	1063	59	926	51	
90T28A (4000K-1800K)	28	-	-	1972	70	1995	71	1971	70	1837	66	1655	59	
90T28A (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
SOFT FOCUS LENS	SOFT FOCUS LENS	SOFT FOCUS LENS	SOFT FOCUS LENS	SOFT FOCUS LENS	SOFT FOCUS LENS
>19	<13	<13	<13	<13	

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				

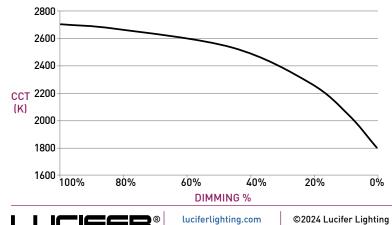
TUNABLE WHITE MULTIPLIER

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								

WARM DIM PERFORMANCE - SOFT FOCUS LENS - 20° OPTIC

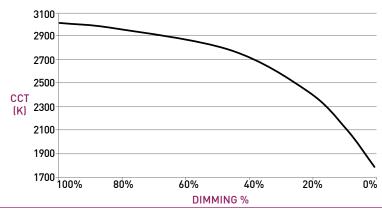
INCANDESCENT DIMMING PROFILE

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)	2700	2650	2620	2520	2180	1950	1800
Light Output (lm)	1128	902	790	564	226	113	23
Power (W)	18	14.4	12.6	9	3.6	1.8	0.36
Efficacy (LPW)	63	63	63	63	63	63	63



HALOGEN WARM DIM PROFILE

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)	1140	912	798	570	228	114	23
Power (W)	18	14.4	12.6	9	3.6	1.8	0.36
Efficacy (LPW)	62	62	62	62	62	62	62



MONOPOINT

Standard length is 1.4". 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.

OPTICS

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

LENS RETAINER

Accepts 2 media devices.

10° FIELD REDUCER

Included with 10° optic. Reduces field angle by 30%.

MEDIA

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

BAFFLE

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

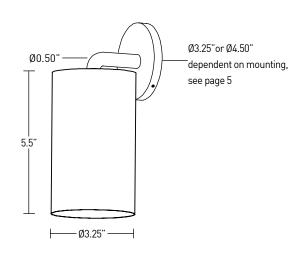
CANOPY

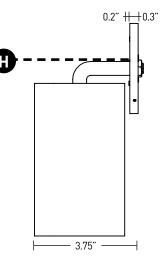
Features 0.3" deep canopy and mounting screws.

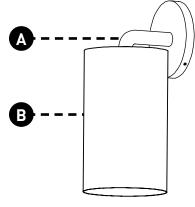
FIXED FIXTURE

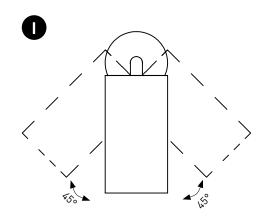
Available with pre-set tilt of 90° and can be aimed up to 45° off vertical. Wet rated, may be used in Dry / Damp locations.

DIMENSIONS / DRAWINGS

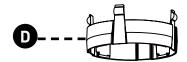




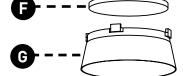












MOUNTING

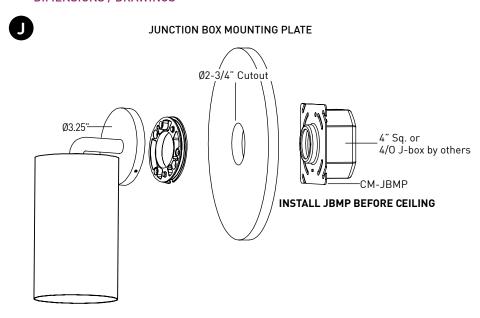
JUNCTION BOX MOUNTING PLATE Mounting plate (concealed) for standard 4" square or 4" 4/0 j-box. To be installed during rough-in prior to substrate. Features minimalist 3.25" diameter canopy

Part Number - CM1WM-JBMP.

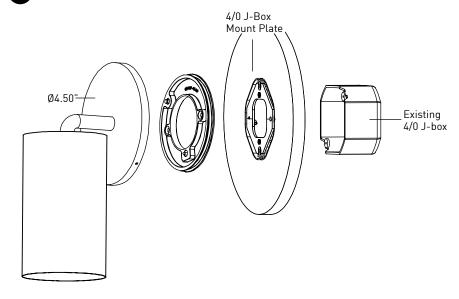
REMODEL / FLANGE OVERLAY

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.

DIMENSIONS / DRAWINGS



K REMODEL / FLANGE OVERLAY



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.

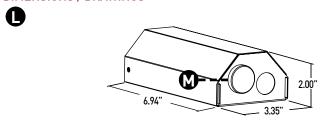
Athena Model Numbers: A-WN-D01-RF-BL & DFC-0EM-DBI

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







(

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 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

	PH	ASE	E	00		0-10V			DALI-2	ATHENA		CASAMBI		
Power Supply	CE/RE	L2	LH	LP	CA/RA	SG	SN	EG	EN	ED	AS	AT	CS	СТ
Minimum °C	-20 °C	0°C	0°C	0°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
Dimming %	2.0%	1.0%	1.0%	0.1%	2.0%	1.0%	1.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%

Note: For L2, LH, LP, SG, SN, EG and EN 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'
L2, LH, LP	60'	40'	25'	15'	-
EG, EN, ED, 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 CM2 Wall Mount 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.





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

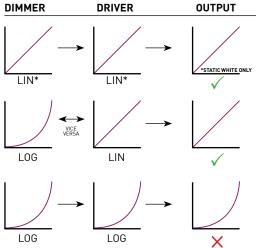
LUTRON DRIVER COMPATIBILITY

Power supply L2 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 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	QP2- 8C		
Homeworks QS power module myRoom Plus power module	LQSE-2ECO-D		

eldoLED DRIVER COMPATIBILITY

Power supply EG 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 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



LIN = LINEAR LOG = LOGARITHMIC

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

