

CYLINDER 3

SUSPENDED CABLE

Our best-selling cylinders keep getting better. Suspended cylinders are offered in a broad range of sizes and more than a dozen finish options, with field-cuttable cables and lumens from 800 to almost 4000lm.

PROJECT NAME:

TYPE:



ORDERING INFORMATION



Quick Ship Product. All rough in components ship within 10 days up to quantities of 100.

CYLINDER	LENGTH	FUNCTION	RATING	CYLINDER FINISH	BAFFLE FINISH	CRI / WATTAGE PACKAGE	CCT	OPTIC (UGR)	MEDIA	POWER SUPPLY	MOUNTING
CP3X		D	1								EXMP
CP3X 99mm Ø	096W 96" White	D Downlight * UP/DOWN SPECIFICATIONS ON SEPARATE DOCUMENT	1 Dry / Damp (IP30)	POWDERCOAT FINISHES	POWDERCOAT FINISHES	STATIC WHITE	24 2400K* *(90+CRI only, 17W max)	10 10°* (<10) *(17 Watts only)	STANDARD MEDIA 4 Soft Focus Lens (SFL)* *(Required for 10° optic) ALTERNATE MEDIA 0 No Lens* *(Not available for Warm Dim) 2 Honey Comb Louver (HCL)* *(Not available for Warm Dim) 3 Clear Glass Lens (CGL)* *(Not available for Warm Dim) 4 Frosted Glass Lens (FGL) 6 Frosted Soft Focus Lens (FSFL) 7 Frosted Linear Spread Lens (FLSL) C Clear Glass Film w/ Honeycomb Louver S Soft Focus Film w/ Honeycomb Louver	INTEGRAL 2IE Electronic Forward / Reverse 220V-240V REMOTE (220-277V) 2EG eldoLED, SOLOdrive 0.1% 0-10V, LOG 2EN eldoLED, SOLOdrive 0.1% 0-10V, LIN 2ED eldoLED, SOLOdrive 0.1% DALI, LOG 2LD eldoLED, SOLOdrive 0.1% DALI, LIN	EXMP Export Mounting Plate Features 89mm diameter canopy
	192W 192" White			WH White	WH White	80S11B 80+ CRI, 11 Watts 1240 lm delivered	27 2700K	15 15° (<13)			
	096B 96" Black			AG Satin Silver	AG Satin Silver	80S17B 80+ CRI, 17 Watts 1943 lm delivered	30 3000K	20 20° (<10)			
	192B 192" Black			AU Cashmere Gold	AU Cashmere Gold	80S23B 80+ CRI, 23 Watts 2559 lm delivered	35 3500K	25 25° (<10)			
	XXXB Black Cable*			AB Architectural Bronze	AB Architectural Bronze	80S32B 80+ CRI, 32 Watts 3372 lm delivered	40 4000K	40 40° (<10)			
	XXXW White Cable*			BB Burnt Bronze	BB Burnt Bronze	80S38B* 80+ CRI, 38 Watts 3932 lm delivered *(Remote driver required)		60 60° (<13)			
	*(Specify length in inches)			BK Black	BK Black	90S11B 90+ CRI, 11 Watts 1060 lm delivered					
	(Cable is field cuttable)			CF Custom Finish *(Consult Factory)	CF Custom Finish* *(Consult Factory)	90S17B 90+ CRI, 17 Watts 1661 lm delivered					
				ALUMINA FINISHES	ALUMINA FINISHES	90S23B 90+ CRI, 23 Watts 2187 lm delivered					
				01 Brushed Obsidian	01 Brushed Obsidian	90S32B 90+ CRI, 32 Watts 2882 lm delivered					
				02 Matte Obsidian	02 Matte Obsidian	90S38B* 90+ CRI, 38 Watts 3361 lm delivered *(Remote driver required)					
				03 Brushed Dark Patinated Bronze	03 Brushed Dark Patinated Bronze	97S11B 97+ CRI, 11 Watts 975 lm delivered					
				04 Matte Dark Patinated Bronze	04 Matte Dark Patinated Bronze	97S17B 97+ CRI, 17 Watts 1528 lm delivered					
				05 Brushed Aged Aluminum	05 Brushed Aged Aluminum	97S23B 97+ CRI, 23 Watts 2012 lm delivered					
				06 Matte Aged Aluminum	06 Matte Aged Aluminum	97S32B 97+ CRI, 32 Watts 2651 lm delivered					
				07 Brushed Cast Brass	07 Brushed Cast Brass	97S38B* 97+ CRI, 38 Watts 3092 lm delivered *(Remote driver required)					
				08 Matte Cast Brass	08 Matte Cast Brass	90W24B 90+ CRI, 24 Watts Incandescent Profile 1642 lm delivered	WL 2700K - 1800K	20 20° (<10) 25 25° (<10) 40 40° (<10) 60 60° (<10)			
				09 Brushed Light Patinated Bronze	09 Brushed Light Patinated Bronze	Halogen Profile 1777 lm delivered	WD 3000K - 1800K				
				10 Matte Light Patinated Bronze	10 Matte Light Patinated Bronze	*SEE PAGE 3 FOR DETAILED PERFORMANCE CONFIGURATIONS AND WARM DIM PROFILE COMPARISON.					
				FINISH IMAGES ON PAGE 2	FINISH IMAGES ON PAGE 2	TUNABLE WHITE (REMOTE DRIVER ONLY)		15 15° (<13) 20 20° (<10) 25 25° (<10) 40 40° (<10) 60 60° (<13)			
						90T32B 90+ CRI, 32 Watts Warm Profile 2325 lm delivered	TR 4000K - 1800K				
						Cool Profile 2580 lm delivered	TH 5000K - 2700K				
						*ALL DELIVERED LUMEN OUTPUTS REFLECT 3000K PAIRED WITH 20° OPTIC AND SOFT FOCUS LENS.		*SEE PAGE 3 FOR UGR VALUES			
										TUNABLE WHITE REMOTE (220-277V) 2DD eldoLED, DUALdrive 0.1% DALI, LOG	

PART NUMBER NOTES

- CP3X ships as e.g., CP3X048WFB1WHBK80S32B30402EG24
- Remote driver ships as e.g., PS-RMT-80S32B-2EA2

CYLINDER 3 INTERNATIONAL SUSPENDED CABLE

ACCESSORIES

REPLACEMENT MEDIA

- ☐ **SFL-CY3X-03** Soft Focus Lens
- ☐ **HCL-CY3X-03** Honeycomb Louver *
- ☐ **CGL-CY3X-03** Clear Glass Lens *
- ☐ **FGL-CY3X-03** Frosted Glass Lens
- ☐ **FSFL-CY3X-03** Frosted Soft Focus Lens
- ☐ **FLSL-CY3X-03** Frosted Linear Spread Lens
- ☐ **CGL-HCL-CY3X-03** Clear Glass Film W/ Honeycomb Louver
- ☐ **SFL-HCL-CY3X-03** Soft Focus Film W/ Honeycomb Louver

STATIC WHITE REPLACEMENT OPTICS

- ☐ **RO-70-15-S** 15° optic
- ☐ **RO-70-20-S** 20° optic
- ☐ **RO-70-25-S** 25° optic
- ☐ **RO-70-40-S** 40° optic
- ☐ **RO-70-60-S** 60° optic

WARM DIM REPLACEMENT OPTICS

- ☐ **RO-70-20-W** 20° optic
- ☐ **RO-70-25-W** 25° optic
- ☐ **RO-70-40-W** 40° optic
- ☐ **RO-70-60-W** 60° optic

TUNABLE WHITE REPLACEMENT OPTICS

- ☐ **RO-70-15-T** 15° optic
- ☐ **RO-70-20-T** 20° optic
- ☐ **RO-70-25-T** 25° optic
- ☐ **RO-70-40-T** 40° optic
- ☐ **RO-70-60-T** 60° optic

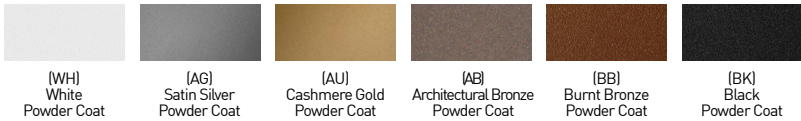
EMERGENCY LIGHTING - REMOTE MOUNT ONLY

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

- ☐ **EMB-S-25-120/277-LEDX** 25 watt max capacity, 120 or 277 VAC 60Hz
- ☐ **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

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

POWDERCOAT FINISHES



ALUMINA FINISHES BY LUCIFER LIGHTING™



CYLINDER 3 INTERNATIONAL SUSPENDED CABLE

STATIC WHITE PERFORMANCE - 3000K

LUMEN PACKAGE	WATTAGE	10° OPTIC SOFT FOCUS LENS		15° OPTIC SOFT FOCUS LENS		20° OPTIC SOFT FOCUS LENS		25° OPTIC SOFT FOCUS LENS		40° OPTIC SOFT FOCUS LENS		60° OPTIC SOFT FOCUS LENS	
		DLVD	LPW	DLVD	LPW	DLVD	LPW	DLVD	LPW	DLVD	LPW	DLVD	LPW
80S11B	11	-	-	1169	106	1240	112	1243	112	1185	107	1156	105
80S17B	17	819	48	1171	104	1943	114	1931	113	1858	109	1801	105
80S23B	23	-	-	2301	100	2559	111	2541	110	2409	104	2373	103
80S32B	32	-	-	2913	91	3372	105	3339	104	3170	99	3111	97
80S38B	38	-	-	3226	84	3932	103	3856	101	3680	96	3614	95
90S11B	11	-	-	1008	91	1060	96	1062	96	1013	92	988	89
90S17B	17	706	42	1527	89	1661	97	1650	97	1588	93	1539	90
90S23B	23	-	-	1984	86	2187	95	2172	94	2059	89	2028	88
90S32B	32	-	-	2511	78	2882	90	2854	89	2709	84	2659	83
90S38B	38	-	-	2781	73	3361	88	3296	86	3121	82	3089	81
97S11B	11	-	-	887	80	975	88	977	88	932	84	909	82
97S17B	17	609	36	1344	79	1528	89	1518	89	1461	85	1416	83
97S23B	23	-	-	1746	75	2012	87	1998	86	1894	82	1866	81
97S32B	32	-	-	2210	69	2651	82	2626	82	2492	77	2446	76
97S38B	38	-	-	2447	64	3092	81	3032	79	2893	76	2842	74
90W24BL (2700K-1800K)	24	-	-	-	-	1642	68	1626	67	1556	64	1491	62
90W24BD (3000K-1800K)	24	-	-	-	-	1777	74	1742	72	1685	70	1600	66
90T32BTR (4000K-1800K)	32	-	-	2251	70	2325	72	2319	72	2359	73	2352	73
90T32BTH (5000K-2700K)	32	-	-	2458	76	2580	80	2533	79	2394	74	2291	71

Part L 75+ LPW configurations comply with residential Part L
95+ LPW configurations comply with commercial Part L

UNIFIED GLARE RATING

10° OPTIC SOFT FOCUS LENS	15° OPTIC SOFT FOCUS LENS	20° OPTIC SOFT FOCUS LENS	25° OPTIC SOFT FOCUS LENS	40° OPTIC SOFT FOCUS LENS	60° OPTIC SOFT FOCUS LENS
<10	<13	<10	<10	<10	<13

MEDIA LIGHT LOSS FACTOR

MEDIA	LIGHT LOSS FACTOR
No Lens	1.07
CGL	0.99
SFL	1.00
FGL	0.88
FSFL	0.91
FLSL	0.81
HCL	0.71
SFL+HCL	0.66

OUTPUT MULTIPLIER

CCT	CCT SCALE
2400K	0.76
2700K	0.957
3000K	1.000
3500K	1.019
4000K	1.030

TUNABLE WHITE MULTIPLIER

CCT	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

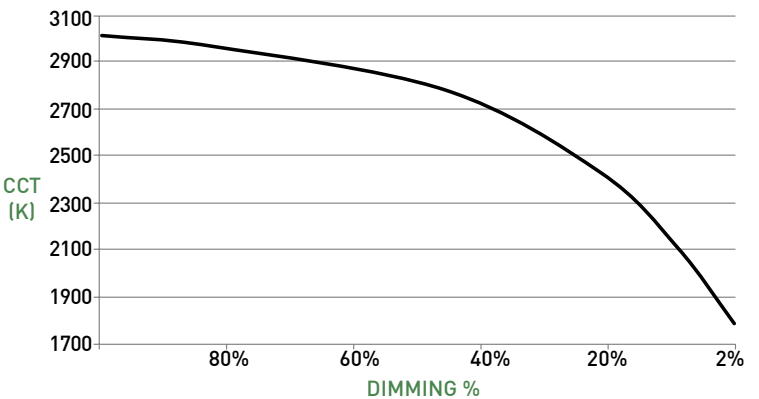
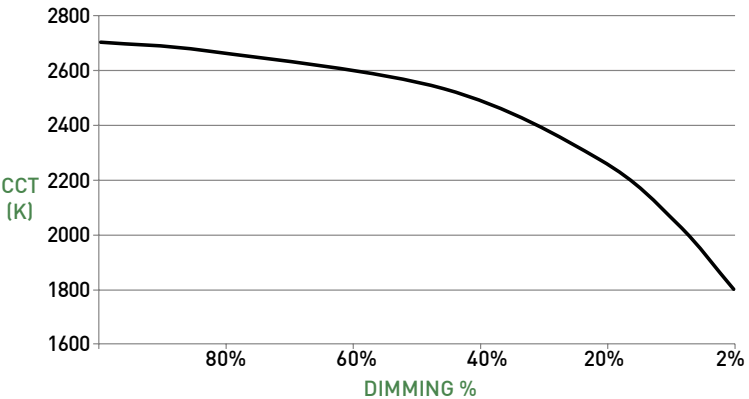
WARM DIM PERFORMANCE - SOFT FOCUS LENS - 20° OPTIC

INCANDESCENT DIMMING PROFILE

90W24BL 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)	1642	1314	1149	821	328	164	33
Power (W)	24	19	17	12	5	2.4	0.5
Efficacy (LPW)	68	68	68	68	68	68	68

HALOGEN DIMMING PROFILE

90W24BD 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)	1777	1422	1244	889	355	178	36
Power (W)	24	19	17	12	5	2.4	0.5
Efficacy (LPW)	74	74	74	74	74	74	74

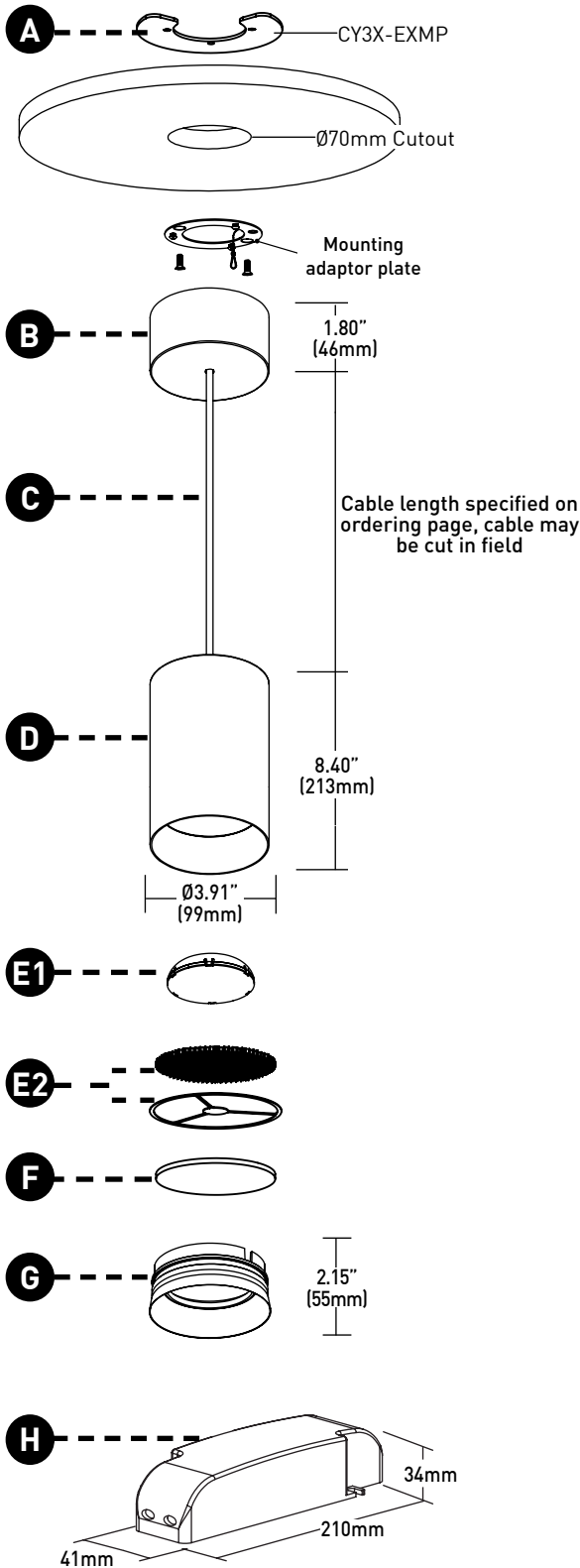


CYLINDER 3 INTERNATIONAL SUSPENDED CABLE

PENDANT

DIMENSIONS / DRAWINGS

- A EXPORT MOUNTING PLATE**
Export mounting plate (concealed) to be installed above ceiling substrate. Features minimalist 89mm diameter canopy.
- B CANOPY**
Die-cast 1.80" (46mm) canopy accommodates flat and slope ceiling conditions. Conceals hidden twist-on mounting hardware. Available with integral or remote driver.
- C CABLE**
Black and white wiring harness available; up to 192.0" length; cable may be cut in field.
- D LUMINAIRE**
Die-cast body with integral heat sink and LED.
- E1 OPTICS**
Robust light engine with optimized optic pairing integrates Reflection, Refraction, and TIR offering 10°, 15°, 20°, 25°, 40° & 60° beams.
- E2 10° FIELD REDUCER**
Included with 10° optic. Reduces field angle by 16%
- F MEDIA**
Cylinder baffle assembly can accept 2 lenses; soft focus lens or no lens standard and sealed in place.
- G BAFFLE**
Die-cast baffle minimizes aperture glare and conceals view into fixture.



REMOTE POWER SUPPLY

- H Remote power supply** provides additional driver options. See page 5 for maximum allowable wiring distance. Must be installed in an accessible location.

CYLINDER 3 INTERNATIONAL SUSPENDED CABLE

TECHNICAL

CONSTRUCTION

Pendant: Die-cast aluminum body with integrated heat sink; painted finishes are granulated powder coat. Alumina finishes are anodized aluminum.

Remote Power Supply: 22 Gauge galvanized steel.

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 configuration in color temperature of 2400K. Average rated lamp life: 50,000 hours. LED and driver assemblies are field-replaceable. Average rated lamp life of 50,000 hours. LED and driver assemblies are field-replaceable.

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. LED and driver assemblies are field-replaceable.

TUNABLE WHITE LED

3-Step MacAdam ellipse tunable white LED module available in 90+ CRI configuration. Features tuning range of 2700K to 5000K and 1800K to 4000K. Average rated lamp life of 50,000 hours. Driver assemblies are field-replaceable.

POWER SUPPLY PERFORMANCE AND DIMMING INFORMATION

	PHASE			0-10V			DALI		
Power Supply	2IE	2EG	2EN	2ED	2LD	2DD	2ED	2LD	2DD
Minimum °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
Dimming %	2.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%

Note: For EG and EN drivers consult chart on page 6 to confirm appropriate dimming curve for compatibility with selected control.

MAXIMUM ALLOWABLE REMOTE DRIVER WIRING DISTANCES

DRIVER	WIRE AWG				
	12	14	16	18	20
2EG, 2EN, 2ED, 2LD, 2DD	-	-	118'	72'	46'

LISTING

Cylinders and drivers CE Listed for Dry / Damp locations. Integral drivers ENEC and CB Listed.

DECLARE

LBC Red List Approved.

PART L

Part L compliant for all 75+ LPW residential and 95+ LPW commercial configurations.

FIXTURE WEIGHT

CP3X / Mounting - 5 lbs

Remote Driver - 1.4 lbs

WARRANTY

Manufacturer's 1-year warranty guarantees product(s) listed to be free from defects in material and workmanship under normal use and service. 5-year warranty on LED and power supply to operate with 70% of the original flux and remain within a range of 3 duv. 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

- 2/15/2024: PART L COMPLIANCE ADDED
- 3/15/2024: 10 DEGREE FIELD REDUCER ADDED, 10 DEGREE PERFORMANCE DATA UPDATED

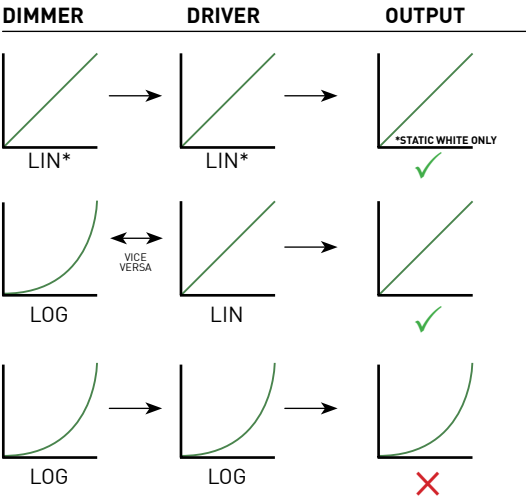
CYLINDER 3 INTERNATIONAL SUSPENDED CABLE

DIMMING COMPATIBILITY

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® - DDTV
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