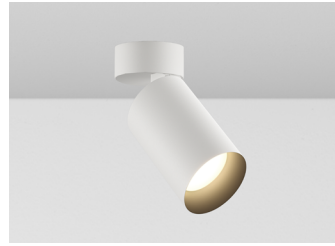


CYLINDER 0 INTERNATIONAL SURFACE MOUNT

Our best-selling cylinders keep getting better. Adjustable, fixed, and wallwash are all offered in a broad range of sizes, with lumens from 500 to almost 5000lm, standard 90° tilt, and more than a dozen finish options. Now, there's a fixture for anywhere you need to illuminate anything.



ORDERING INFORMATION

CYLINDER	FIXTURE	RATING	CYLINDER FINISH	BAFFLE FINISH	CRI	WATTAGE	CCT	OPTIC(UGR)	MEDIA	POWER SUPPLY	MOUNTING
CY0X											EXMP
CY0X 48mm Ø	AS 90° Adjustable Shallow Canopy FB Fixed WW Wallwash Fixed	1 Dry/Damp (IP30) 2 Wet (IP65)	POWDERCOAT FINISHES WH White AG Satin Silver AU Cashmere Gold AB Architectural Bronze BB Burnt Bronze BK Black CF Custom Finish* *(Consult Factory) ALUMINA FINISHES 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 FINISH IMAGES ON PAGE 2 ALUMINA NOT RECOMMENDED FOR EXTERIOR APPLICATIONS, FINISHES ARE NOT UV RATED	POWDERCOAT FINISHES WH White AG Satin Silver AU Cashmere Gold AB Architectural Bronze BB Burnt Bronze BK Black CF Custom Finish* *(Consult Factory) ALUMINA FINISHES 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 FINISH IMAGES ON PAGE 2	STATIC WHITE 80S 80+ 90S 90+ 95S 95+	STATIC WHITE 13D 13W, 1015 Lm	24 2400K* *[90CRI only] 27 2700K 30 3000K 35 3500K 40 4000K	10 10** (<10)* *[Uses 09H Wattage] 15 15° (<10) 25 25° (<10) 35 35° (<13) 50 50° (<13) WW Wallwash* *[Required for WW] AZ Adjustable Zoom* *[AD/AS/FB only. 24°, 30°, 42°, and 48° beam spreads]	STANDARD MEDIA 4 Soft Focus Lens [SFL]* *[Required for 10° optic] ALTERNATE MEDIA 0 No Lens* *[Not available for Wet Location] 2 Honey Comb Louver [HCL]* *[Not available for Wet Location] 3 Clear Glass Lens [CGL] 5 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 W Wallwash Lens* *[Required for WW]	REMOTE (220-277V) 2EG eldoLED, SOLOdrive 0.1% 0-10V, LOG ZEN eldoLED,SOLOdrive 0.1% 0-10V, LIN 2ED eldoLED, SOLOdrive 0.1% DALI, LOG 2LD eldoLED, SOLOdrive 0.1% DALI, LIN TUNABLE WHITE REMOTE (220-277V) 2DD eldoLED, DUALdrive 0.1% DALI, LOG	EXMP Export Mounting Plate Features 64mm Ø Canopy
					WARM DIM 90L 90+	WARM DIM 13D 13W Incandescent Profile 825 Lm Halogen Profile 874 Lm *SEE PAGE 4 FOR WARM DIM PROFILE COMPARISON.	WL 2700K - 1800K WD 3000K - 1800K	15 15° (<10)* *[Not available with 0, 2, 3 or C media] 25 25° (<10) 35 35° (<13) 50 50° (<13) WW Wallwash* *[Required for WW]			
					TUNABLE WHITE 90T 90+	TUNABLE WHITE 10D 10W Warm Profile 660 Lm Cool Profile 581 Lm *ALL DELIVERED LUMEN OUTPUTS REFLECT 90CRI, 3000K PAIRED WITH 25° OPTIC AND SOFT FOCUSLEN.S.	TR 4000K - 1800K TH 5000K - 2700K	15 15° (<10) 25 25° (<10) 35 35° (<13) 50 50° (<13) WW Wallwash* *[Required for WW]			

PART NUMBER NOTES

- CY0X ships as e.g., CY0XAS1WHWH80S13D305041RMT
- Remote driver ships as e.g., PS-RMT-80S13D-2EG2
- Mounting part numbers listed on page 5

CYLINDER 0 INTERNATIONAL SURFACE MOUNT

ACCESSORIES

REPLACEMENT MEDIA - INCLUDES LENS RETAINER

Dry / Damp location only, consult factory for wet location replacements

- ☐ **SFL-CY0X-01** Soft Focus Lens
- ☐ **HCL-CY0X-01** Honeycomb Louver
- ☐ **CGL-CY0X-01** Clear Glass Lens
- ☐ **FGL-CY0X-01** Frosted Glass Lens
- ☐ **FSFL-CY0X-01** Frosted Soft Focus Lens
- ☐ **FLSL-CY0X-01** Frosted Linear Spread Lens
- ☐ **CGL-HCL-CY0X-01** Clear Glass Film W/ Honeycomb Louver
- ☐ **SFL-HCL-CY0X-01** Soft Focus Film W/ Honeycomb Louver

STATIC WHITE REPLACEMENT OPTICS

- ☐ **RO-35-15-S** 15° optic
- ☐ **RO-35-25-S** 25° optic
- ☐ **RO-35-35-S** 35° optic
- ☐ **RO-35-50-S** 50° optic

WARM DIM REPLACEMENT OPTICS

- ☐ **RO-35-25-W** 25° optic
- ☐ **RO-35-35-W** 35° optic
- ☐ **RO-35-50-W** 50° optic

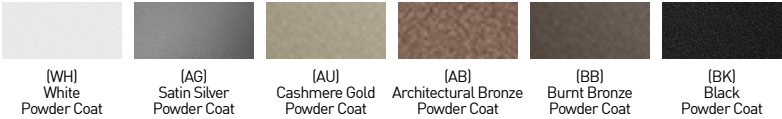
TUNABLE WHITE REPLACEMENT OPTICS

- ☐ **RO-35-15-T** 15° optic
- ☐ **RO-35-25-T** 25° optic
- ☐ **RO-35-35-T** 35° optic
- ☐ **RO-35-50-T** 50° optic

SUCTION CUP TOOL

- ☐ **CYX-TOOL-SUCTION** Baffle removal tool, provided with every 5 fixtures

POWDERCOAT FINISHES

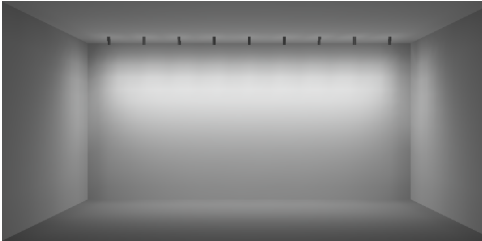


ALUMINA FINISHES BY LUCIFER LIGHTING™



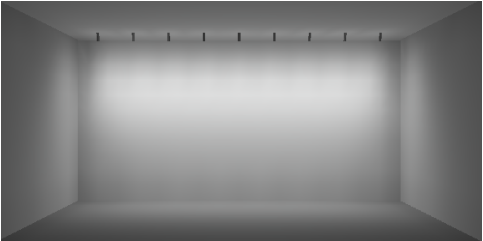
CYLINDER 0 INTERNATIONAL SURFACE MOUNT

WALLWASH DESIGN GUIDE



30" SETBACK / 30" ON CENTER SPACING

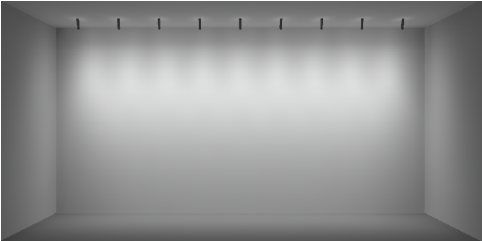
- 10FT CEILING SHOWN / 8-12FT IDEAL
- AVERAGE FC: 21.92
- MAX / MIN: 4.65
- 9 FIXTURES / 25FT WALL SHOWN



RECOMMENDED

36" SETBACK / 36" ON CENTER SPACING

- 10FT CEILING SHOWN / 8-12FT IDEAL
- AVERAGE FC: 17.19
- MAX / MIN: 4.90
- 9 FIXTURES / 30FT WALL SHOWN



42" SETBACK / 42" ON CENTER SPACING

- 10FT CEILING SHOWN / 8-12FT IDEAL
- AVERAGE FC: 15.81
- MAX / MIN: 3.98
- 9 FIXTURES / 35FT WALL SHOWN

ADDITIONAL SETBACKS AND SPACINGS

ON CENTER SPACING	SETBACK		
	30"	36"	42"
30"	SHOWN ABOVE	AVERAGE FC: 20.07 MAX / MIN: 5.33	AVERAGE FC: 18.50 MAX / MIN: 6.02
36"	AVERAGE FC: 16.14 MAX / MIN: 5.60	SHOWN ABOVE	AVERAGE FC: 18.13 MAX / MIN: 4.24
42"	AVERAGE FC: 14.07 MAX / MIN: 5.45	AVERAGE FC: 14.94 MAX / MIN: 4.50	SHOWN ABOVE

***ALL DATA REFLECTS 90S13D WATTAGE PACKAGE**

CYLINDER 0 INTERNATIONAL SURFACE MOUNT

STATIC WHITE PERFORMANCE - 3000K

LUMEN PACKAGE	WATTAGE	10° OPTIC FIELD REDUCER		15° OPTIC SOFT FOCUS LENS		25° OPTIC SOFT FOCUS LENS		35° OPTIC SOFT FOCUS LENS		50° OPTIC SOFT FOCUS LENS		WALLWASH WALLWASH LENS	
		DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW
80S13D/09H	13	348	27	1205	92	1198	92	1126	86	1166	89	915	70
90S13D/09H	13	300	33	1021	78	1015	78	954	73	988	76	775	59
95S13D/09H	13	259	20	919	70	914	70	859	66	889	68	697	53
90L13DL (2700K-1800K)	13	-	-	827	64	825	63	773	59	789	61	680	52
90L13DD (3000K-1800K)	13	-	-	876	67	874	67	819	63	836	64	721	55
90T10DR (4000K-1800K)	10	-	-	649	67	660	68	609	63	660	68	514	53
90T10DH (5000K-2700K)	10	-	-	571	59	581	60	536	55	581	60	453	47

Part L 75+ LPW configurations comply with residential Part L

UNIFIED GLARE RATING

10° OPTIC FIELD REDUCER	15° OPTIC SOFT FOCUS LENS	25° OPTIC SOFT FOCUS LENS	35° OPTIC SOFT FOCUS LENS	50° OPTIC SOFT FOCUS LENS	WALLWASH WALLWASH LENS
<10	<10	<10	<13	<13	>19

OUTPUT MULTIPLIER

CCT	CCT SCALE
2400K	0.76
2700K	0.95
3000K	1.000
3500K	1.05
4000K	1.06

MEDIALIGHT LOSS FACTOR

MEDIA	LIGHT LOSS FACTOR
No Lens	1.05
CGL	0.98
SFL	1.00
FGL	0.86
FSFL	0.86
FLSL	0.80
HCL	0.73
SFL+HCL	0.73

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

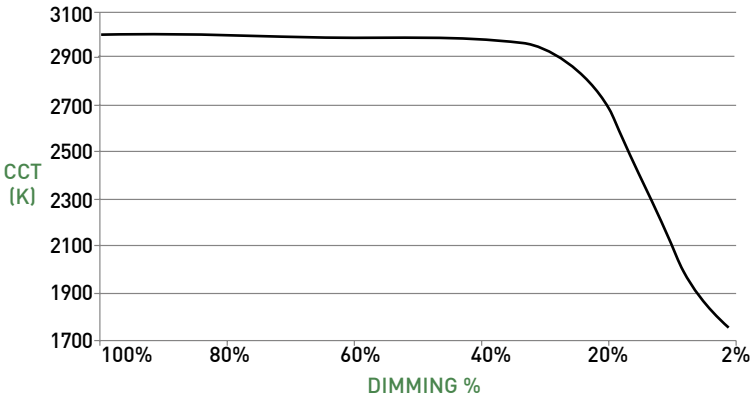
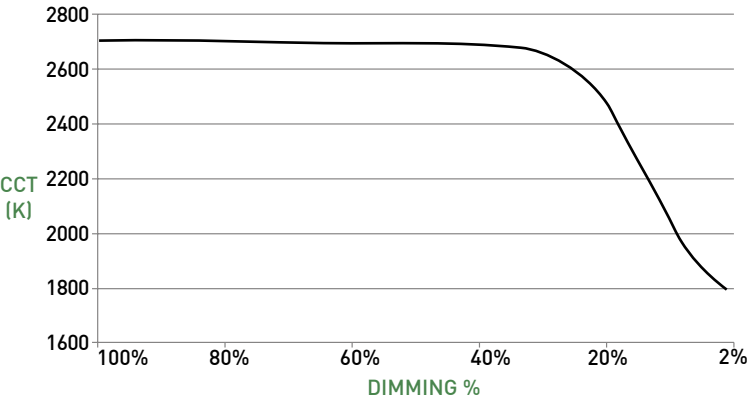
WARM DIM PERFORMANCE - SOFT FOCUS LENS - 25° OPTIC

INCANDESCENT PROFILE

90L13DL 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	2200K	1900K	1800K
Light Output (Lm)	825	660	578	415	106	83	17
Power (W)	13	10.4	9.1	6.5	2.6	1.3	0.3
Efficacy (LPW)	67	67	67	67	67	67	67

HALOGEN PROFILE

90L15DD 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	2300K	1850K	1800K
Light Output (Lm)	874	699	612	437	175	87	17
Power (W)	13	10.4	9.1	6.5	2.6	1.3	0.3
Efficacy (LPW)	67	67	67	67	67	67	67



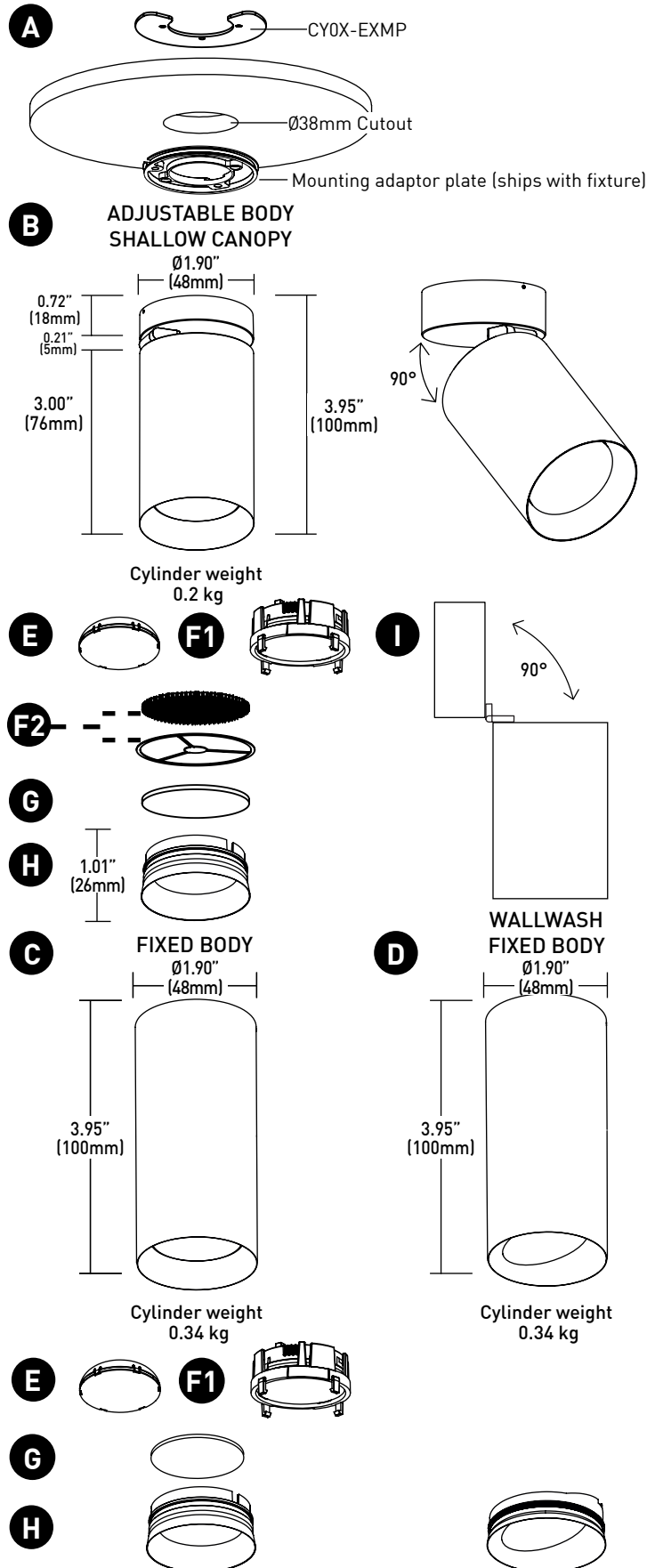
NOTE: LIN-TO-LIN 0-10V PAIRING NOT COMPATIBLE WITH WARM DIM.

CYLINDER 0 INTERNATIONAL SURFACE MOUNT

CYLINDER ASSEMBLY

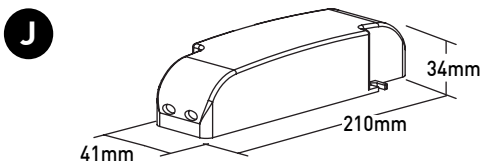
- A EXPORT MOUNTING PLATE**
Export mounting plate (concealed) to be installed above ceiling substrate. Features minimalist 64mm diameter canopy.
- B ADJUSTABLE - SHALLOW CANOPY**
Canopy accommodates flat and slope ceiling conditions. Conceals hidden mounting hardware. "AS" (90° tilt, 365° rotation) canopy features 0.72" (18mm) tall canopy. Requires remote power supply.
- C FIXED BODY**
Body with integrated heat sink and LED. Conceals mounting hardware. Remote driver only.
- D WALLWASH FIXED BODY**
- E OPTICS**
Robust light engine with optimized optic pairing integrates Reflection, Refraction, and TIR offering 10°, 15°, 25°, 35° & 50° beams.
- F1 ADJUSTABLE ZOOM OPTIC**
Proprietary optic integrates Refraction and TIR. Allows precision tuning to beam spreads of 24°, 30°, 36°, 42°, and 48°. Not available for Warm Dim.
- F2 10° FIELD REDUCER**
Soft Focus Lens, Honeycomb Louver, and Field Reducer provided with 10 degree beam selection. Reduces field angle by 30%
- G MEDIA**
Cylinder accepts two lenses; soft focus lens, no lens, or wallwash lens standard depending on fixture type. Sealed in place for Wet locations.
- H BAFFLE**
Die-cast baffle minimizes aperture glare and conceals view into fixture.
- I WALL-MOUNT**
Cylinder may be wall mounted using any mounting option.

DIMENSIONS / DRAWINGS



REMOTE POWER SUPPLY

- J** Remote power supply provides additional driver options. See page 6 for maximum allowable wiring distance. Must be installed in an accessible location.



CYLINDER 0 INTERNATIONAL SURFACE MOUNT

TECHNICAL

CONSTRUCTION

Cylinder: Machined 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 95+ 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.

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

	0-10V		DALI		
Power Supply	2EG	2EN	2ED	2LD	2DD
Minimum °C	-20 °C	-20 °C	-20 °C	-20 °C	-20 °C
Maximum °C	40 °C	40 °C	40 °C	40 °C	40 °C
Dimming %	0.1%	0.1%	0.1%	0.1%	0.1%

Note: For EG and EN drivers consult chart on page 7 to confirm appropriate dimming curve for compatibility with selected control.

MAXIMUM ALLOWABLE REMOTE DRIVER WIRING DISTANCES

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

FIXTURE SPACING

Recommended fixture on-center spacing is 8" (203mm) at minimum. In slat ceiling applications, fixture must have 0.5" (13mm) minimum clearance on no more than two sides. Recessed conditions require 1.5" (38mm) setbacks on all sides.

WALLWASH SPACING

Recommended fixed spacing is 36" (914mm) on center spacing with 48" (1219mm) setback from wall plane.

MOUNTING NOTES

Fixtures are surface mount and must have access to free air. For applications involving slat ceilings or confined mounting, consult Comprehensive Install Guide for required clearances for proper air flow and servicing.

LISTING

Cylinders and drivers CE Listed for Dry / Damp and IP65 Wet locations. Integral drivers ENEC and CB Listed. NOM Certified.

DECLARE

LBC Red List Approved.

PART L

Part L compliant for all 75+ LPW residential configurations.

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
- 11/15/2024: UPDATED FIXED BODY PRODUCT DIMENSIONS, REMOVED "AD" FIXTURE TYPE.
- 05/07/2025: UPDATED WARM DIM OFFERINGS AND PERFORMANCE

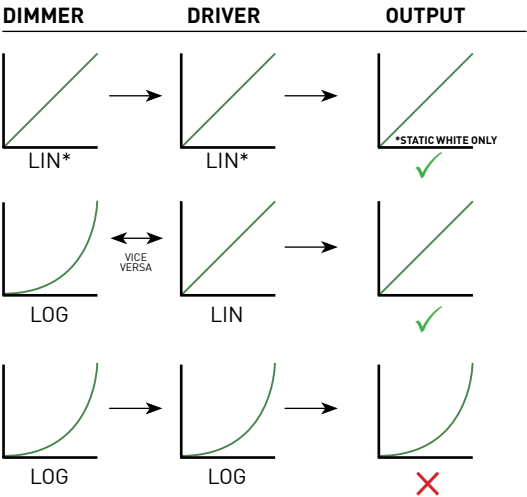
CYLINDER 0 INTERNATIONAL SURFACE MOUNT

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	nI0 EZ
ABB	SD/S 2.16.1

ANALOG DRIVERS AND DIMMERS



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