

CYLINDER 2 INTERNATIONAL 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-cutttable cables and lumens from 800 to almost 4000lm.

PROJECT NAME:	TYPE:
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ORDERING INFORMATION

CYLINDER	LENGTH	FUNCTION	RATING	CYLINDER FINISH	BAFFLE FINISH	CRI	WATTAGE	CCT	OPTIC(UGR)	MEDIA	POWER SUPPLY	MOUNTING
CP2X		D	1									EXMP
CP2X 79mm Ø	096W 96" White 192W 192" White 096B 96" Black 192B 192" Black XXXB Black Cable* XXXW White Cable* *(Specify length in inches) *(Cable is field cuttable)	Downlight	1 Dry / Damp (IP30)	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	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 90S 97S WARM DIM 90L TUNABLE WHITE 90T	STATIC WHITE 11B 11W, 950 Lm 17B 17W, 1475 Lm 23B 23W, 1960 Lm WARM DIM 17A 17W 24B 24W Incandescent Profile 17A - 1298 Lm 24B - 1693 Lm Halogen Profile 17A - 1366 Lm 24B - 1866 Lm *SEE PAGE 4 FOR DETAILED PERFORMANCE CONFIGURATIONS AND WARM DIM PROFILE COMPARISON. TUNABLE WHITE (REMOTE DRIVER ONLY) 32B 32W Warm Profile 2430 Lm Cool Profile 2277 Lm *ALL DELIVERED LUMEN OUTPUTS REFLECT 90CRI, 3000K PAIRED WITH 20° OPTIC AND SOFT FOCUS LENS.	24 2400K* *(only, 17W max) 27 2700K 30 3000K 35 3500K 40 4000K WL 2700K - 1800K WD 3000K - 1800K TR 4000K - 1800K TH 5000K - 2700K	10 10°* (<13) *(17W only) 15 15° (<13) 20 20° (<10) 25 25° (<10) 40 40° (<10) 60 60° (<16) 15 15° (<10) 20 20° (<10) 25 25° (<10) 40 40° (<10) 60 60° (<13) 15 15° (<13) 20 20° (<10) 25 25° (<10) 40 40° (<10) 60 60° (<13)	STANDARD MEDIA 4 Soft Focus Lens (SFL)* *(Required for 10° optic) ALTERNATE MEDIA 0 No Lens 2 Honey Comb Louver (HCL) 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	INTEGRAL 2IE Electronic Forward / Reverse 220V-240V* *(17W Max) UCA 0-10V Analog 120-277V, LIN 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 TUNABLE WHITE REMOTE (220-277V) 2DD eldoLED, DUALdrive 0.1% DALI, LOG	EXMP Export Mounting Plate Features 89mm Ø canopy

PART NUMBER NOTES

- CP2X ships as e.g., CP2X048WFB1WHBK180S23B30402EG24
- Remote driver ships as e.g., PS-RMT-80S23B-2EG2

CYLINDER 2 INTERNATIONAL SUSPENDED CABLE

ACCESSORIES

REPLACEMENT MEDIA - INCLUDES LENS RETAINER

- ☐ **SFL-CY2X-01** Soft Focus Lens
- ☐ **HCL-CY2X-01** Honeycomb Louver
- ☐ **CGL-CY2X-01** Clear Glass Lens
- ☐ **FGL-CY2X-01** Frosted Glass Lens
- ☐ **FSFL-CY2X-01** Frosted Soft Focus Lens
- ☐ **FLSL-CY2X-01** Frosted Linear Spread Lens
- ☐ **CGL-HCL-CY2X-01** Clear Glass Film W/ Honeycomb Louver
- ☐ **SFL-HCL-CY2X-01** 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

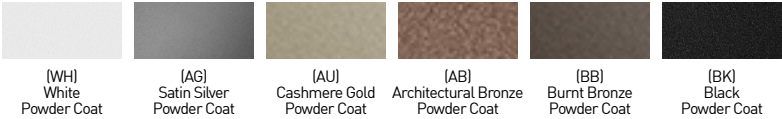
TUNABLE WHITE REPLACEMENT OPTICS

- ☐ **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

SUCTION CUP TOOL

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

POWDERCOAT FINISHES



ALUMINA FINISHES BY LUCIFER LIGHTING™



CYLINDER 2 INTERNATIONAL SUSPENDED CABLE

STATIC WHITE PERFORMANCE - 3000K

LUMEN PACKAGE	WATTAGE	10° OPTIC FIELD REDUCER		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	-	-	1095	99	1151	104	1151	104	1073	97	1018	92
80S17B/C	17	779	46	1651	97	1768	103	1789	105	1654	97	1583	93
80S23B	23	-	-	2201	95	2360	102	2374	103	2201	95	2112	91
90S11B	11	-	-	936	85	984	89	984	89	917	83	870	79
90S17B/C	17	671	39	1411	83	1511	88	1529	89	1414	83	1353	79
90S23B	23	-	-	1881	81	2017	87	2029	88	1882	81	1805	78
97S11B	11	-	-	861	78	905	82	905	82	844	76	800	72
97S17B/C	17	579	34	1298	76	1390	81	1407	82	1301	76	1245	73
97S23B	23	-	-	1731	75	1856	80	1867	81	1731	75	1661	72
90L17AL (2700K-1800K)	17	-	-	1242	73	1298	76	1277	75	1204	71	1150	68
90L17AD (3000K-1800K)	17	-	-	1306	77	1366	80	1344	79	1266	74	1210	71
90L24BL (2700K-1800K)	24	-	-	1600	67	1693	71	1688	70	1587	66	1522	63
90L24BD (3000K-1800K)	24	-	-	1785	74	1866	78	1836	77	1730	72	1653	69
32BTR (4000K-1800K)	32	-	-	2360	73	2472	77	2468	77	2326	72	2224	69
32BTH (5000K-2700K)	32	-	-	2254	70	2351	72	2334	71	2208	67	2105	59

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

UNIFIED GLARE RATING

10° OPTIC FIELD REDUCER	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
<13	<13	<10	<10	<10	<16

OUTPUT MULTIPLIER

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

MEDIA LIGHT LOSS FACTOR

MEDIA	LIGHT LOSS FACTOR
No Lens	1.07
CGL	0.98
SFL	1.00
FGL	0.94
FSFL	0.93
FLSL	0.85
HCL	0.72
SFL+HCL	0.66

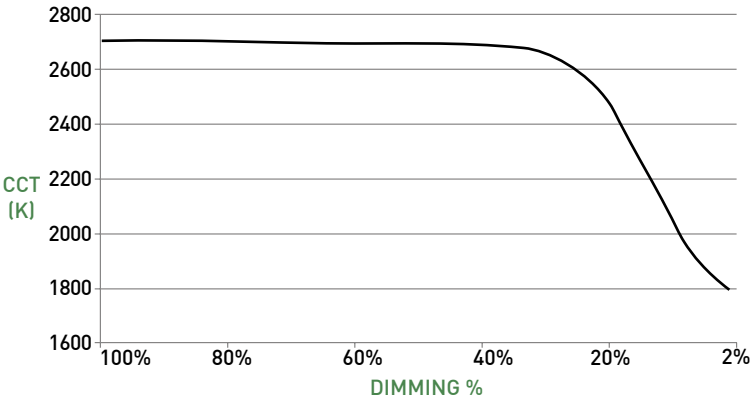
TUNABLE WHITE MULTIPLIER

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

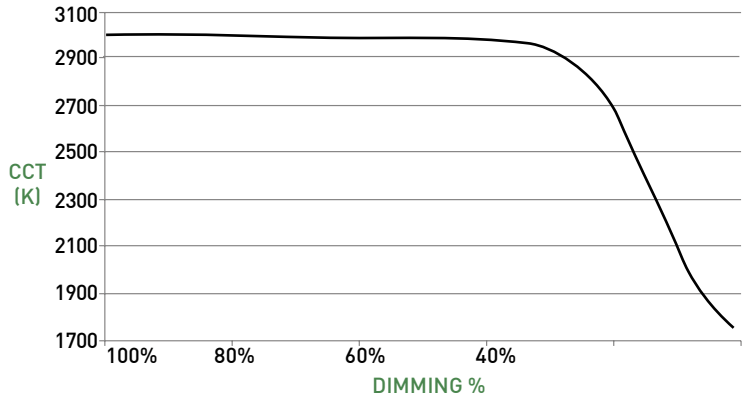
INCANDESCENT PROFILE

90L17AL 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	2500K	1950K	1800K
Light Output (Lm)	1298	1038	909	649	360	130	26
Power (W)	17	13.6	11.9	8.5	3.4	1.7	0.3
Efficacy (LPW)	76	76	76	76	76	76	76
90L24BL 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	2000K	1900K	1800K
Light Output (Lm)	1693	1354	1185	847	339	169	34
Power (W)	24	19.2	16.8	12	4.8	2.4	.5
Efficacy (LPW)	67	67	67	67	67	67	67



HALOGEN PROFILE

90L17AD 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	3000K	2150K	1800K
Light Output (Lm)	1366	1093	956	683	273	137	27
Power (W)	17	13.6	11.9	8.5	3.4	1.7	0.3
Efficacy (LPW)	80	80	80	80	80	80	80
90L24BD 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	2050K	1800K	1800K
Light Output (Lm)	1866	1493	1306	933	373	187	37
Power (W)	24	19.2	16.8	12	4.8	2.4	.5
Efficacy (LPW)	78	78	78	78	78	78	78



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

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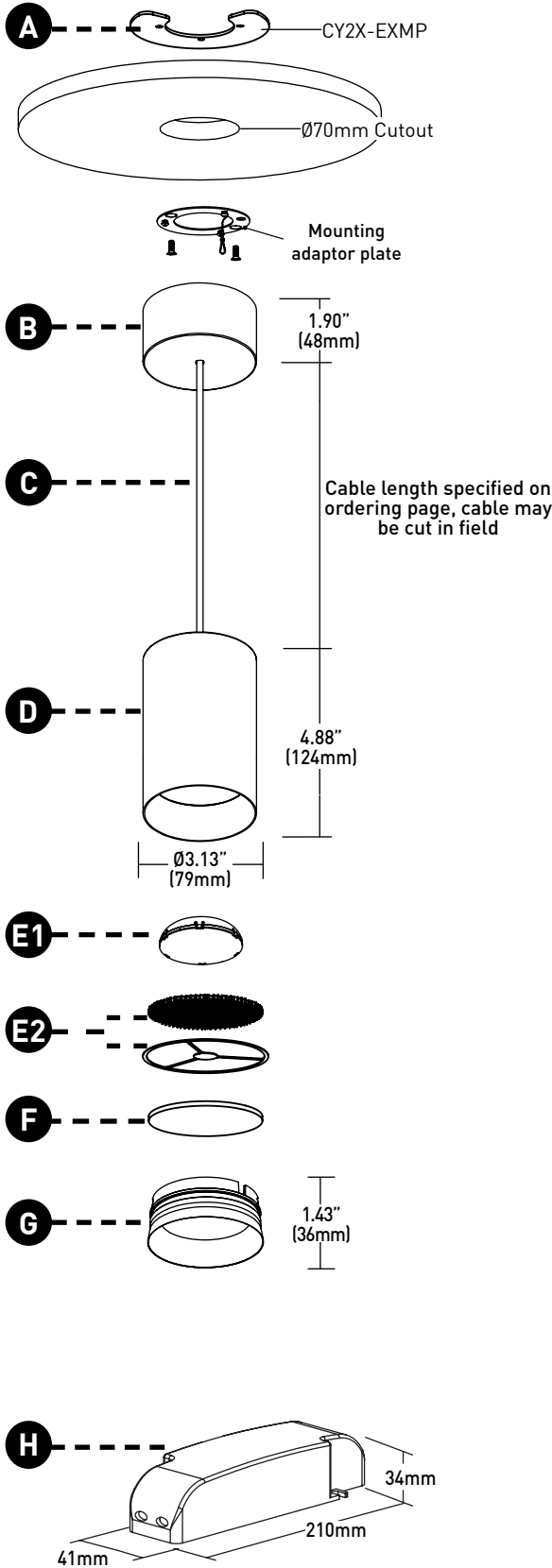
PENDANT

- A EXPORT MOUNTING PLATE**
Export mounting plate (concealed) to be installed above ceiling substrate. Features minimalist 89mm diameter canopy.
- B CANOPY**
Die-cast 1.90" (48mm) canopy accommodates flat and slope ceiling conditions. Conceals hidden twist-on mounting hardware. Available with integral or remote driver.
- C CABLE**
Black or white cable 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**
Soft Focus Lens, Honeycomb Louver, and Field Reducer provided with 10 degree beam selection. Reduces field angle by 56%
- F MEDIA**
Cylinder can accept 2 lenses; soft focus lens or no lens standard. Wet location lens 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.

DIMENSIONS / DRAWINGS



CYLINDER 2 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/UCA	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'

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 locations.
Integral drivers ENEC and CB Listed. NOM Certified.

DECLARE

LBC Red List Approved.

PART L

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

FIXTURE WEIGHT

CP2X - 1.36 kg

Remote Driver - 0.64 kg

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
- 05/07/2025: UPDATED WARM DIM OFFERINGS AND PERFORMANCE

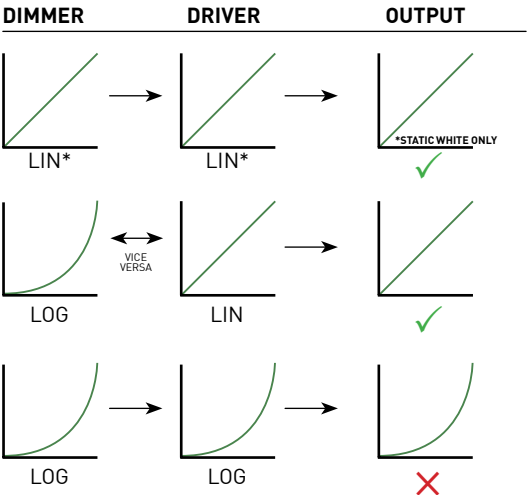
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DIMMING COMPATIBILITY

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