

LFO-30DB

5.5W DUAL BEND OPTIC LED STRIP

Project _____

Location _____

Quote/ Ref # _____

LFO-30DB is a 24V flexible indoor and outdoor optical LED strip. With its unique design, the LFO-30DB is able to bend horizontally or vertically, making it easy to create customized lighting arrangements. Its linear design and multiple angle options are ideal for creating a dramatic accent wall or simply adding a touch of warmth to your living space. Available in multiple color temperatures, this LED strip is the perfect choice for your decorative lighting needs.



SPECIFICATIONS

POWER CONSUMPTION	5.5W per Ft.
LUMEN OUTPUT	560 Lm/Ft.
NO. OF LEDS	7 LEDs per Ft.
CRI	90+
COLOR TEMPERATURE	27K/ 30K/ 40K
DIMMING/ CONTROL	MLV, ELV, 0-10 and TRIAC
MAXIMUM RUN LENGTH	16.4 Ft.
CUT INTERVALS	Every 9.84 in. (250mm)
OPERATING VOLTAGE	24V DC
OPERATING TEMPERATURE	-4°F (-20°C) to 113°F (45°C)
BEAM ANGLE	15°/ 25°/ 30°/ 45°/ 70°
IP RATING	IP67
CERTIFICATIONS	CE, RoHS, UL Listed
LUMEN MAINTENANCE	50,000 Hrs.

FEATURES

- 5.5W/ Ft.
- 24V DC
- 90+ CRI
- Continuous Run up to 16.4 Ft.
- Flexible, Silicone encapsulated
- Dual Bend
- CE, RoHS, UL Listed

**This product is factory-cut only. Do not field modify.*

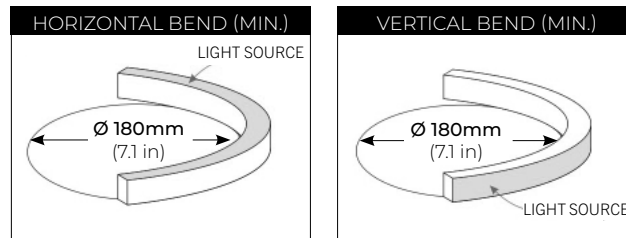
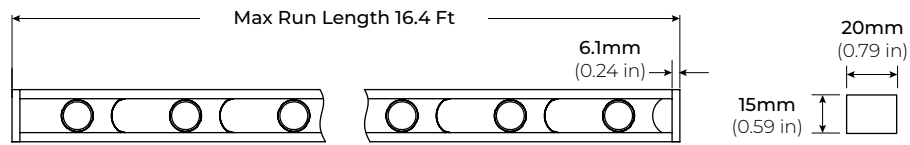


MODEL	COLOR TEMP	OPTIC	LENGTH	VOLTAGE	POWER FEED	FEED LENGTH
LFO-30DB	27K 2700K	15 15°	1'XX per Ft.	24 24V DC	BF Bottom Feed	HW3 3 Ft. Power Feed
	30K 3000K	25 25°			SFL Side Feed Left	HW10 10 Ft. Power Feed
	40K 4000K	30 30°			SFR Side Feed Right	HW15 15 Ft. Power Feed
		45 45°			EF End Feed	
		70 70°				
			*1 = Custom length per FT. (cut point every 9.84") [Do not Field Modify]			

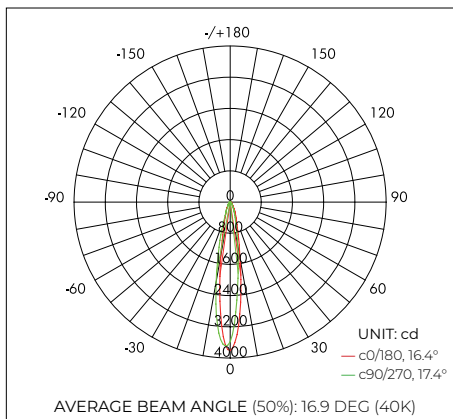
LFO-30DB

5.5W DUAL BEND OPTIC LED STRIP

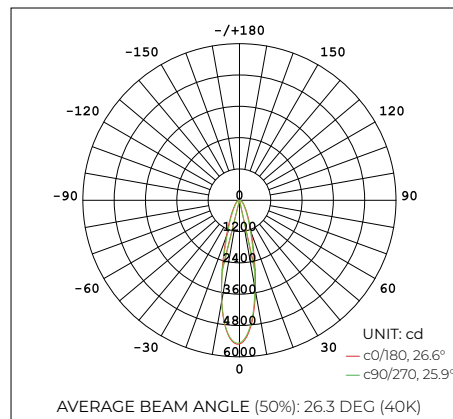
DIMENSIONS



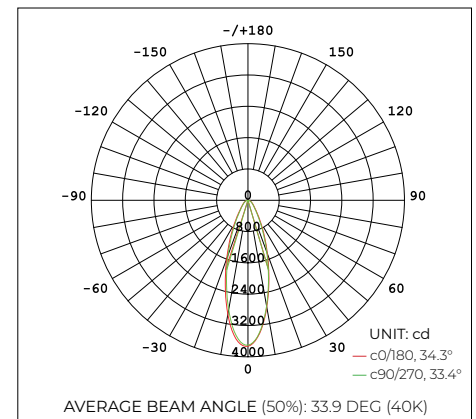
OPTICS



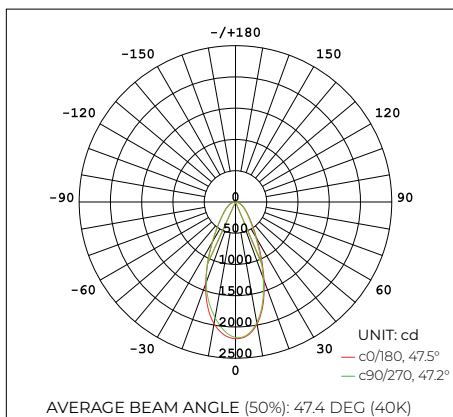
15°



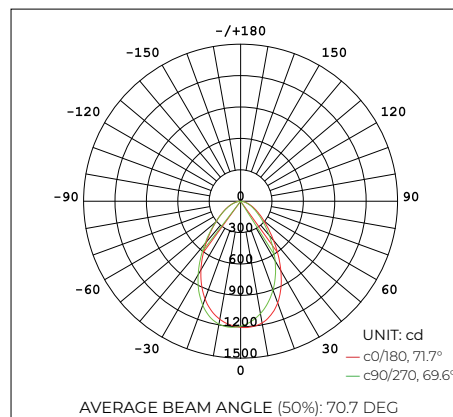
25°



30°



45°



70°

LFO-30DB

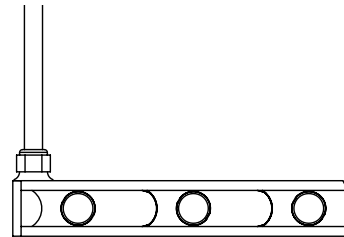
5.5W DUAL BEND OPTIC LED STRIP

POWER FEED

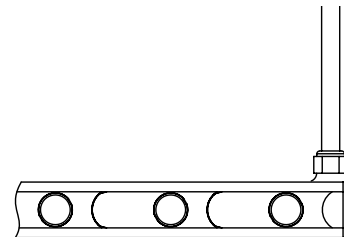
BF
BOTTOM FEED



SFL
SIDE LEFT FEED



SFR
SIDE RIGHT FEED



EF
END FEED



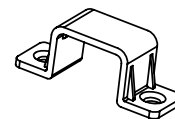
LFO-30DB

5.5W DUAL BEND OPTIC LED STRIP

MOUNTING ACCESSORIES

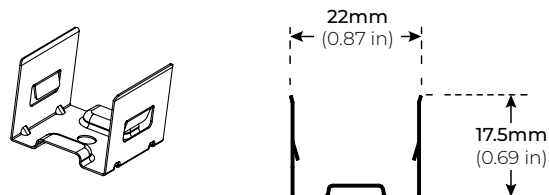
LFO-30-MC

ALUMINUM MOUNTING CLIP



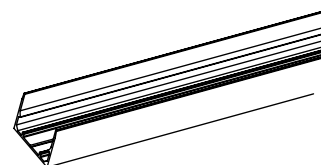
LFO-30-MB

ALUMINUM MOUNTING BRACKET



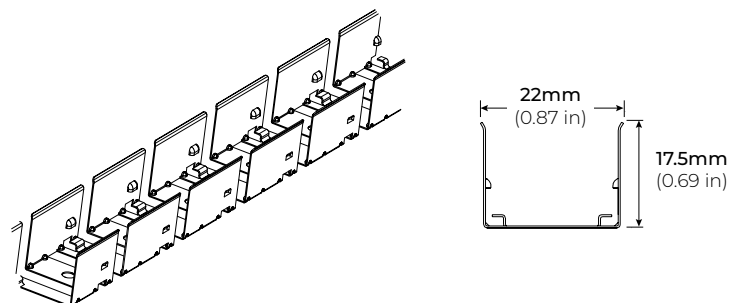
LFO-30-AC39

ALUMINUM PROFILE



LFO-30-FX39

ROTATING ADJUSTABLE BRACKET



LFO-30DB

5.5W DUAL BEND OPTIC LED STRIP

LIGHT DISTRIBUTION

1m	2505, 3807 lx	28.90cm
2m	626.1, 951.8 lx	57.79cm
3m	278.3, 423.0 lx	86.69cm
4m	156.5, 238.0 lx	115.58cm
5m	100.2, 152.3 lx	144.48cm
6m	69.57, 105.8 lx	173.37cm
7m	51.11, 77.70 lx	202.27cm
8m	39.13, 59.49 lx	231.16cm
9m	30.92, 47.00 lx	260.06cm
10m	25.05, 38.07 lx	288.95cm

15°
(4000K)

1m	3859, 5514 lx	45.89cm
2m	964.8, 1378 lx	91.78cm
3m	428.8, 612.7 lx	137.67cm
4m	241.2, 344.6 lx	183.56cm
5m	154.4, 220.6 lx	229.44cm
6m	107.2, 153.2 lx	275.33cm
7m	78.76, 112.5 lx	321.22cm
8m	60.30, 86.16 lx	367.11cm
9m	47.65, 68.07 lx	413.00cm
10m	38.59, 55.14 lx	458.89cm

25°
(4000K)

1m	2452, 3732 lx	59.59cm
2m	613.1, 932.9 lx	119.17cm
3m	272.5, 414.6 lx	178.76cm
4m	153.3, 233.2 lx	238.35cm
5m	98.10, 149.3 lx	297.93cm
6m	68.12, 103.7 lx	357.52cm
7m	50.05, 76.16 lx	417.11cm
8m	38.32, 58.31 lx	476.69cm
9m	30.28, 46.07 lx	536.28cm
10m	24.52, 37.32 lx	595.87cm

30°
(4000K)

1m	1381, 2187 lx	86.91cm
2m	345.2, 546.7 lx	173.81cm
3m	153.4, 243.0 lx	260.72cm
4m	86.29, 136.7 lx	347.63cm
5m	55.23, 87.47 lx	434.54cm
6m	38.35, 60.75 lx	521.44cm
7m	28.18, 44.63 lx	608.35cm
8m	21.57, 34.17 lx	695.26cm
9m	17.05, 27.00 lx	782.17cm
10m	13.81, 21.87 lx	869.07cm

45°
(4000K)

1m	663.1, 1207 lx	138.90cm
2m	165.8, 301.7 lx	277.81cm
3m	73.67, 134.1 lx	416.71cm
4m	41.44, 75.42 lx	555.61cm
5m	26.52, 48.27 lx	694.51cm
6m	18.42, 33.52 lx	833.42cm
7m	13.53, 24.63 lx	972.32cm
8m	10.36, 18.86 lx	1111.22cm
9m	8.186, 14.90 lx	1250.13cm
10m	6.631, 12.07 lx	1389.03cm

70°
(4000K)

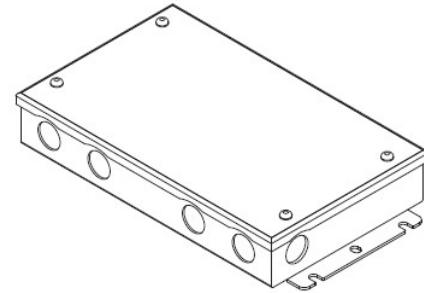
LFO-30DB

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COMPATIBLE TRANSFORMERS

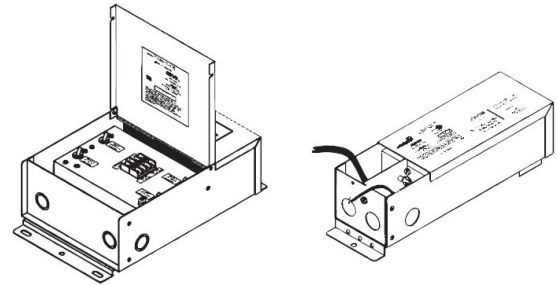
PSDL SERIES TRIAC DIMMABLE

PSDL-30W-24V	CLASS 2	6.5" X 3.63" X 1.03"
PSDL-60W-24V	CLASS 2	7.4" X 3.63" X 1.03"
PSDL-96W-24V	CLASS 2	8.67" X 3.67 X 1.62"
PSDL-150W-24V		8.67" X 3.67" X 1.62"
PSDL-192W-24V	CLASS 2	10.25" X 4.06" X 1.82"
PSDL-200W-24V		10.25" X 4.06" X 1.82"
PSDL-288W-24V	CLASS 2	10.25" X 4.06" X 1.82"
PSDL-300W-24V		10.25" X 4.06" X 1.82"



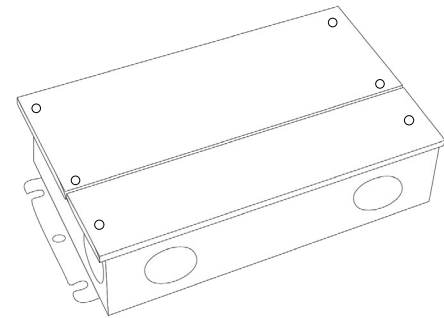
PSDH SERIES HIGH PERFORMANCE MAGNETIC LOW VOLTAGE (MLV)

PSDH-48W-24V	CLASS 2	11.25" X 3.37" X 3.25"
PSDH-96W-24V	CLASS 2	11.25" X 3.37" X 3.25"



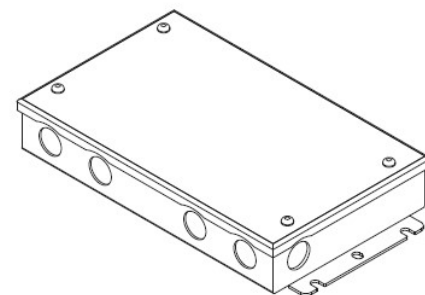
PSRX SERIES 4-IN-1 DIMMING DRIVER

PSRX-30W-24V	CLASS 2	6.5" X 3.72" X 1.57"
PSRX-60W-24V	CLASS 2	7.4" X 3.72" X 1.57"
PSRX-96W-24V	CLASS 2	8.66" X 3.72" X 1.57"
PSRX-150W-24V		10.24" X 4.13" X 1.77"
PSRX-192W-24V	CLASS 2	11" X 4" X 1.82"
PSRX-200W-24V		10.24" X 4.13" X 1.77"
PSRX-288W-24V	CLASS 2	11.85" X 4.25" X 1.82"
PSRX-300W-24V		10.94" X 4.33" X 1.77"



PSVT SERIES 0-10V DIMMING DRIVER

PSVT-60W-24V	CLASS 2	7.4" X 3.72" X 1.57"
PSVT-96W-24V	CLASS 2	8.66" X 3.72" X 1.57"
PSVT-200W-24V		10.24" X 4.13" X 1.77"
PSVT-288W-24V	CLASS 2	11.85" X 4.25" X 1.81"
PSVT-300W-24V		10.94" X 4.33" X 1.77"



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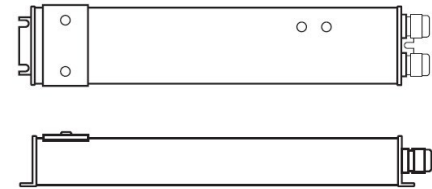
5.5W DUAL BEND OPTIC LED STRIP

COMPATIBLE TRANSFORMERS

PSDE SERIES

0-10V DIMMING W/ JUNCTION BOX

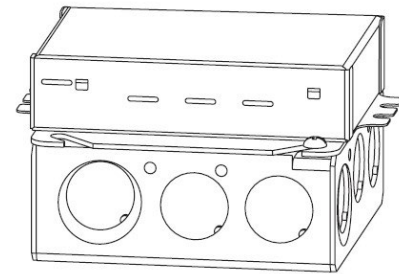
PSDE-60W-24V-010-JB	CLASS 2	12.1" X 2.36" X 1.4"
PSDE-96W-24V-010-JB	CLASS 2	12.1" X 2.36" X 1.4"



LUTRON 1%

3-WIRE DIMMING

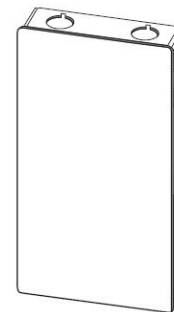
L3DA4U1UKL-CV240	CLASS 2	4.89" X 4" X 2.62"
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LUTRON 1%

3-WIRE DIMMING

PSDE-96W-24V-ECO	CLASS 2	10.5" X 3.0" X 2.0"
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NON-DIMMING DRIVERS (COMPATABLE WITH ALL SYSTEMS)

PSHK SERIES

NON-DIMMING CONSTANT VOLTAGE WITH JUNCTION BOX

PSHK-30W-24V	CLASS 2	6.5" X 3.6" X 1.02"
PSHK-60W-24V	CLASS 2	7.4" X 3.62" X 1.02"
PSHK-96W-24V	CLASS 2	8.66" X 3.66" X 1.61"
PSHK-150W-24V		10.24" X 4.06" X 1.81"
PSHK-200W-24V		10.24" X 4.06" X 1.81"
PSHK-288W-24V	CLASS 2	11.85" X 4.25" X 1.82"
PSHK-300W-24V		10.24" X 4.25" X 1.81"

