



Slim Linear Fixture

The Slim is a thin profile, linear LED fixture that delivers high quality white light well suited for display cases, showcases, under shelves, exhibits, museum and cove applications.

Features

Typical Lumens

Warm White	130 (lm/ft, lm/305mm)
Neutral White	160 (lm/ft, lm/305mm)
Cool White	160 (lm/ft, lm/305mm)

Power Consumption¹

Warm White	3 (w/ft, w/305mm)
Neutral White	3 (w/ft, w/305mm)
Cool White	3 (w/ft, w/305mm)

Efficacy¹

Warm White	43 (lm/w)
Neutral White	53 (lm/w)
Cool White	53 (lm/w)

Color Temperature (CCT)

Warm White	2950K
Neutral White	4100K
Cool White	5200K

Color Rendering Index (CRI)²

Warm White	78
Neutral White	70
Cool White	70

Rated Life

50,000 Hours @
70% Lumen Maintenance

Housing

Standard	Black
Optional	Natural Aluminum

Mounting

All Options Included

Connections

Available with multiple series of fixtures

Lens

Polycarbonate

Beam Spread

50°

Operating Temperature

-40°C to +40°C

Voltage

20 Volts DC (24VDC Max.)

Warranty

3 Year Limited

Standards

UL48, UL2108

Certification



Environment



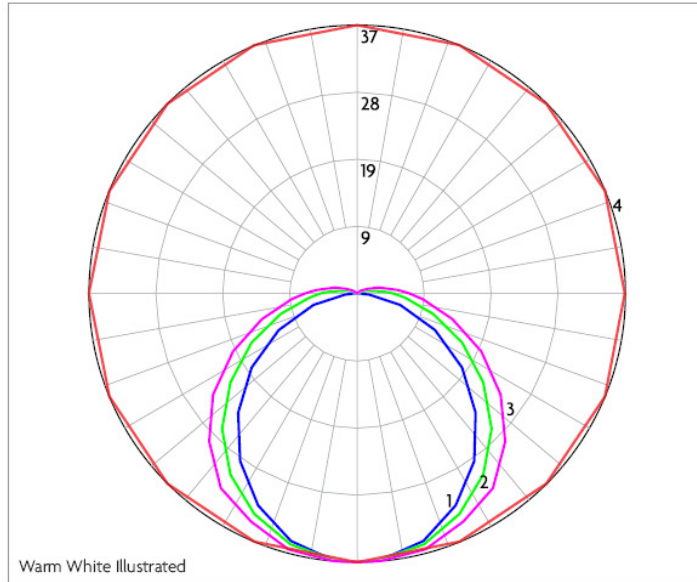
Benefits

- Low Energy Consumption.
 - 3 (w/ft, w/305mm).
- Free of UV and IR emissions.
- No product and packaging discoloration.
- Lower Maintenance Cost.
- 50,000 hour life.
- Environmentally Friendly.
- No mercury or other hazardous materials.
- Fully Recyclable

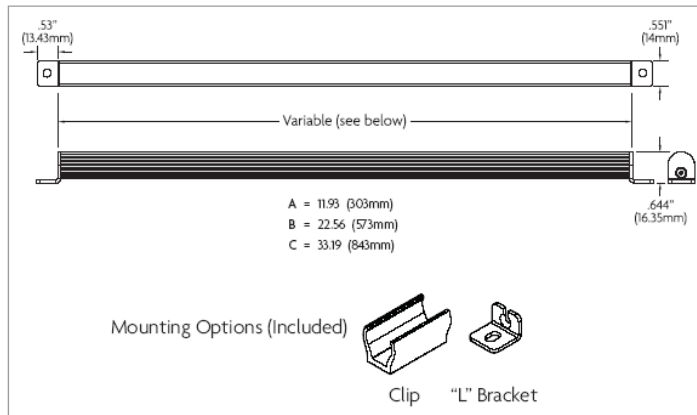
¹ Fixture power consumption for 24.0 VDC is 5 watts per foot max.

² Engineering data, pending photometric testing.

Fixture Tested: Warm White, A



Maximum candela = 37 Located at Horizontal Angle = 0, Vertical Angle = 0
 #1—Vertical Plane Through Horizontal Angles (0–180) (Through Max. Cd.) : BLUE
 #2—Vertical Plane Through Horizontal Angles (45–225) : GREEN
 #3—Vertical Plane Through Horizontal Angles (90–270) : MAGENTA
 #4—Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.) : RED



Dimensions shown in inches (mm)

Cautions

- Dry location use only.
- Fixtures are suitable for cabinet use or for surface mounting inside a cabinet.
- UL and ETL recognition is valid when fixtures are used only with 24 VDC, 4 Amp max output Class 2 power units that are cord connected or direct plug-in.

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	11,880	10,946	11,212
55°	11,125	10,085	10,455
65°	10,079	9,105	9,539
75°	6,441	8,080	8,565
85°	6,389	7,446	7,940

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixt
0–30	20.78	N.A.	16.3
0–40	38.29	N.A.	30.1
0–60	78.04	N.A.	61.4
0–90	120.73	N.A.	95
90–120	5.87	N.A.	4.6
90–130	6.29	N.A.	4.9
90–150	6.37	N.A.	5
90–180	6.37	N.A.	5
0–180	127.1	N.A.	100.0

Product Order Code:

Order Code Example: LLT-5-SL-CW-11.93-MTL-18-DFF-BLK

LLT	5	SL				DFF	
				Fixture Length	Power Connection	DC Cable Wire Length	Finish
			CW	11.93	MTL	6	BLK
			NW	22.56	SGM	18	NTL
			WW	33.19		48	
				CUSTOM		CUSTOM	

All mounting hardware included with each unit. Custom DC extension cables available to order as a separate unit.

1. Male connector on one end, female on opposite end to connect a series of fixtures.
2. Please contact a representative for available options.
3. For lead time contact a representative.

Supply Part No.	Length (Max) (Inches/Mm)	Output Voltage	Input Voltage	Output Wattage	AC Cord ¹ Options	DC Cord (Inches/Mm)	Certifications	IP Rating	Operating Temp	Frequency	Weight (Ounces/Grams)
Fixture Only (w/ft, w/305mm) 4											
PS 025W 1 ³ 6	72 / 1828	21 VDC	120 VAC	25W	Wall-Mount USA Plug	1 - 48 / 1 - 1219	UL, cUL, VCCI, CB	Dry Location	0° to 40°C	60Hz	5.2 / 145
PS 025W 2/3 ³	72 / 2134	21 VDC	100-240 VAC	25W	Univ. AC, Wall-Mount, UK, EU, Japan	1 - 48 / 1 - 1219	UL, cUL, VCCI, CB	Dry Location	0° to 40°C	50/60 Hz	9.4 / 262
PS 025 1 ⁶	72 / 21344	24 VDC	85-277 VAC	25W	NEMA 5-15P	1 - 48 / 1 - 1219	UL ² , cUL ² , CE, ETL, FCC	Dry Location	-25° to 50°C	50/60 Hz	11b-9.6oz / 725
PS 025 2					UK-Type G						
PS 025 3					EU-Type E						
PS 025 4					AU-Type I						
PS 060 1 ⁴ 6	168 / 4267	24 VDC	100-240 VAC	60W	NEMA 5-15P	2 - 48 / 2 - 1219	UL, cUL, CE, ETL, FCC	IP64	-25° to 50°C	50/60 Hz	21b-3.6oz / 1010
PS 060 2 ⁴					UK-Type G						
PS 060 3 ⁴					EU-Type E						
PS 060 4 ⁴					AU-Type I						
Dimmable⁵											
PSDM 060 1 ⁴ 6	168 / 4267	24 VDC	100-240 VAC	60W	NEMA 5-15P	2 - 48 / 2 - 1219	Pending	IP64	-30° to 70°C	47 to 63 Hz	21b-9oz / 1177
PSDM 060 2 ⁴		(Adjustable)			UK-Type G						
PSDM 060 3 ⁴					EU-Type E						
PSDM 060 4 ⁴					AU-Type I						
PS 096 1 ⁶	NA / NA	24 VDC	90-240 VAC	96W	NEMA 5-15P	3 - 48 / 3 - 1219	UL, cUL, CE, ETL, FCC, CISPR, Class B	IP66**	-30° to 70°C	47 to 63 Hz	21b-9.1oz / 1177
PS 096 2		(Adjustable)	OR		UK-Type G						
PS 096 3			90-277 VAC		EU-Type E						
PS 096 4					AU-Type I						
Dimmable⁵											
PSDM 096 1 ⁶	NA / NA	24 VDC	90-240 VAC	96W	NEMA 5-15P	2 - 48 / 2 - 1219	Pending	IP66**	-30° to 70°C	47 to 63 Hz	21b-9oz / 1177
PSDM 096 2		(Adjustable)	OR		UK-Type G						
PSDM 096 3			90-277 VAC		EU-Type E						
PSDM 096 4					AU-Type I						

1. Power Supply P/N with "1" suffix is USA/Japan Plug, "2" is European UK Plug, "3" is EU Plug, "4" is Australian/New Zealand, "5" is Wire Leads.

2. Approval pending.

3. Minimum length of 60" (1524mm) required.

4. Minimum length of 144" (3659mm) required.

5. Currently tested for use with the following 3-wire dimmers Leviton Illumatech IP710-DLX; Lutron® Nova NTFTV; Lithonia Control Systems Advance Mark VII, and Hunt Control Systems PS-010.

6. Products using a NEMA 5-15P AC connector for the input cord must be marked with 120 VAC per UL and ETL guidelines; even if the power supply capability is 100-277 VAC.

* IP66 in accordance to EN60529. Contact factory for conditions of acceptability.

**The power supply primary strain relief must be changed by the customer for a connection to liquid tight conduit fitting. The liquid tight shall be provided by the customer with listed (QCRV) 1/2 inch, liquid tight conduit fittings. When field wired, a junction box is not provided. Installer is to use a UL listed junction box suitable for use in wet location for primary leads connection.