

PJF1

LED Linear Strip



Key Features

- Available in 2 ft., 4 ft., or 8 ft. models with lumen packages up to 9,730L.
- Suspended or surface mounted.
- Designed to facilitate easier installations.
- Optional integrated motion sensor with daylight harvesting (Smart Blu™ 2.0).

Electrical

- 120VAC input. 277-347VAC input available.
- 0-10V dimming available.
- Photocell and motion sensor accessories are available.
- Operating temperature: -30°C to 40°C (-22°F to 104°F)

Mounting

- Luminaire is ready to be suspended or surface mounted.

Construction

- Housing is constructed from steel in a standard white finish.
- Lens is frosted acrylic for uniform light distribution that's glare-free.
- End caps are high-impact injection molded PMMA material.

Optics

- Industry leading LEDs in 3500K, 4000K, or 5000K CCT (minimum 80 CRI).
- Lumen Maintenance: >161,000 hours (L70) ¹
- Tunable white option available with integrated [Smart Blu lighting controls](#). ³

Warranty

- Backed by US LED's industry-leading Ten-Year Warranty.

Project	Date
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Catalog Number	Type
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Product Performance Summary

Lumen Output	Up to 9,730 lumens
Efficacy	Up to 145 LPW
CRI	≥ 80 CRI
Available CCT	3500K, 4000K, 5000K or Tunable White (2700K-6500K) ³
Warranty	Ten-Year Warranty

Product Overview

Utilizing patented LED technology, the PJF1 is a low-profile linear solution that offers outstanding value and energy efficiency without compromising illumination. Designed for versatility, the PJF1 provides best-in-class performance for virtually any indoor lighting need. It's Ideal for lighting up manufacturing, commercial, warehouse, retail, or other display applications.

Product Applications

- Educational Facilities
- Convenience Stores
- Office Spaces
- Hallways/Corridors
- Industrial/Warehouse
- Mall/Retail Areas
- Health Care Facilities
- Commercial Spaces

Product Certifications/Approvals

- Complies with UL1598 and CSA 22.2
- DLC Premium Listed
- Suitable for indoor damp Locations
- RoHS Compliant



Example: PJF1-1-4-1-35-ID-35-D

Ordering Information

PJF1								
Series	Variant	Size	Input Voltage	Power	Driver	CCT	Control	Accessories
1	Standard	2	1	17	ID	35	D	B
		4		25				
		8		30				
				35				
				50				
C			C	60		40		PC1
				70				

PJF1								
Series	Variant	Size	Input Voltage	Power	Driver	CCT	Control	Accessories
1	Standard	2	1	17	B	T ³	D	B
		4		30				
		8		60				
C			C			6500K		PC1

Smart Blu™ Combinations	
Size	Available Power
2 ft.	17W
4 ft.	30W
8 ft.	60W

1. US LED product 'Lifetimes' refer only to the LED light engine, not the power source, and are based on the Illuminating Engineering Society's TM21 Projected Lumen Maintenance methodology at a 25° C / 77° F ambient temperature. The lifetimes are solely meant to be a guide for expected LED degradation and not a warranty or predictive of their actual life, which can be affected by ambient temperatures and other factors.

2. Not available with 2 ft. option.

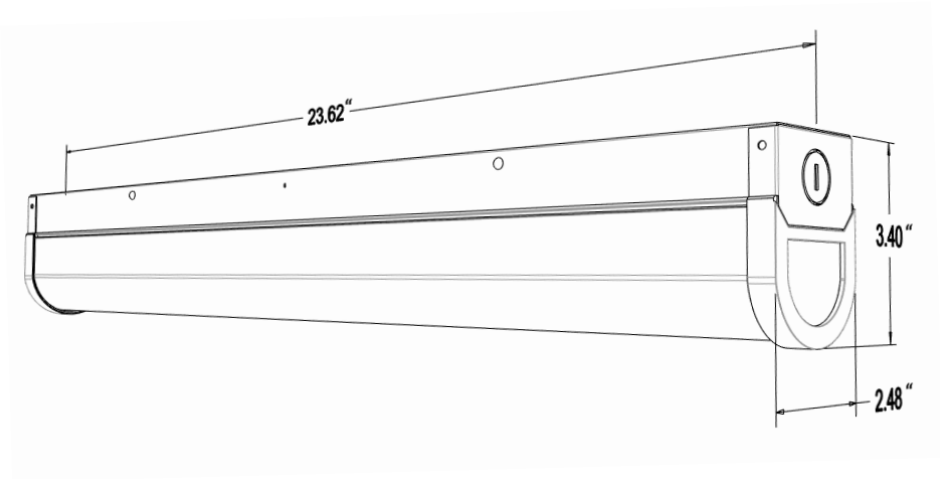
3. Tunable white option only available with Smart Blu™ Blu-Drive Driver.

PJF1

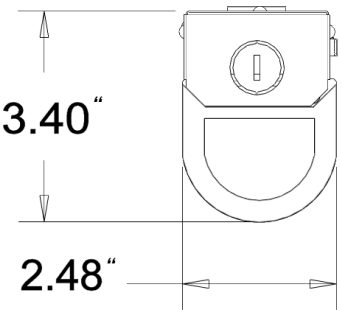
LED Linear Strip

Dimensions

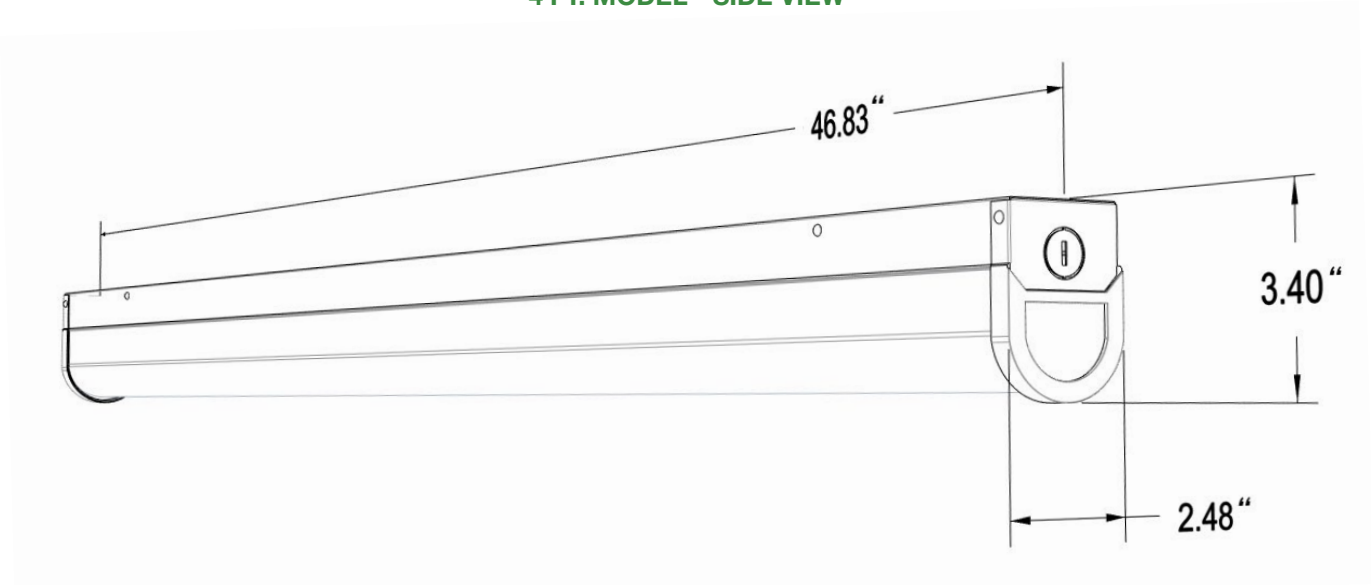
2 FT. MODEL - SIDE VIEW



ALL MODELS - END VIEW



4 FT. MODEL - SIDE VIEW



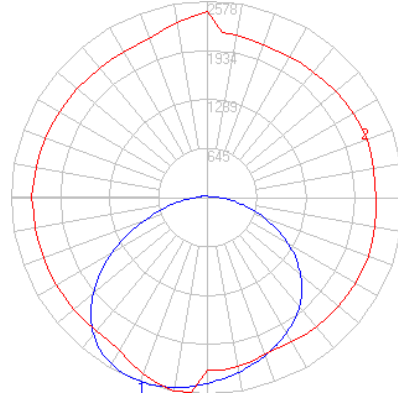
PJF1

LED Linear Strip

Performance Data

Luminaire Photometric Data

Model Number	PJF1-1-8-X-70-X-XX-X
Issue Date	07/09/2019
IESNA	LM-63-2002
Lamp	LED
Total Input Watts	68.8
Total Lumens	9,707
Efficacy	141 LPW
Spacing Criterion	0°-180° = 1.28 90°-270° = 1.46

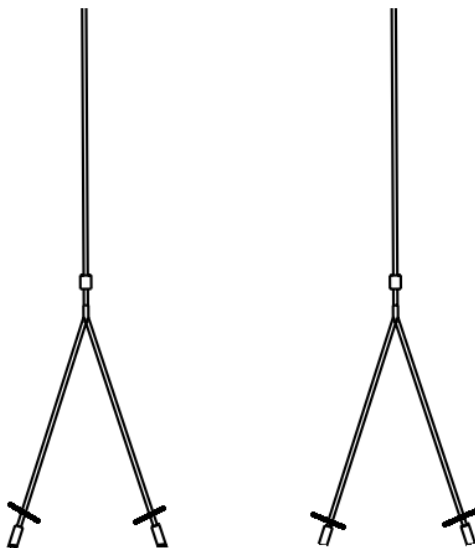


Model	System Level Power	Delivered Lumens	Efficacy	CCT	L70 Calculate Life	L85 Calculate Life
PJF1-1-2-X-17-X-35-X	16.7W	2,320L	139 LPW	3500K	161,000 Hours	75,000 Hours
PJF1-1-2-X-17-X-40-X	16.7W	2,340L	140 LPW	4000K	161,000 Hours	75,000 Hours
PJF1-1-2-X-17-X-50-X	16.7W	2,380L	143 LPW	5000K	161,000 Hours	75,000 Hours
PJF1-1-4-X-25-X-35-X	25.3W	3,570L	141 LPW	3500K	161,000 Hours	75,000 Hours
PJF1-1-4-X-25-X-40-X	25.3W	3,600L	142 LPW	4000K	161,000 Hours	75,000 Hours
PJF1-1-4-X-25-X-50-X	25.3W	3,660L	145 LPW	5000K	161,000 Hours	75,000 Hours
PJF1-1-4-X-30-X-35-X	30.0W	4,230L	141 LPW	3500K	161,000 Hours	75,000 Hours
PJF1-1-4-X-30-X-40-X	30.0W	4,260L	142 LPW	4000K	161,000 Hours	75,000 Hours
PJF1-1-4-X-30-X-50-X	30.0W	4,340L	145 LPW	5000K	161,000 Hours	75,000 Hours
PJF1-1-4-X-35-X-35-X	34.7W	4,850L	140 LPW	3500K	161,000 Hours	75,000 Hours
PJF1-1-4-X-35-X-40-X	34.7W	4,860L	140 LPW	4000K	161,000 Hours	75,000 Hours
PJF1-1-4-X-35-X-50-X	34.7W	4,860L	140 LPW	5000K	161,000 Hours	75,000 Hours
PJF1-1-8-X-50-X-35-X	50.6W	7,140L	141 LPW	3500K	161,000 Hours	75,000 Hours
PJF1-1-8-X-50-X-40-X	50.6W	7,200L	142 LPW	4000K	161,000 Hours	75,000 Hours
PJF1-1-8-X-50-X-50-X	50.6W	7,330L	145 LPW	5000K	161,000 Hours	75,000 Hours
PJF1-1-8-X-60-X-35-X	60.0W	8,450L	141 LPW	3500K	161,000 Hours	75,000 Hours
PJF1-1-8-X-60-X-40-X	60.0W	8,530L	142 LPW	4000K	161,000 Hours	75,000 Hours
PJF1-1-8-X-60-X-50-X	60.0W	8,680L	145 LPW	5000K	161,000 Hours	75,000 Hours
PJF1-1-8-X-70-X-35-X	68.8W	9,700L	141 LPW	3500K	161,000 Hours	75,000 Hours
PJF1-1-8-X-70-X-40-X	68.8W	9,720L	141 LPW	4000K	161,000 Hours	75,000 Hours
PJF1-1-8-X-70-X-50-X	68.8W	9,730L	141 LPW	5000K	161,000 Hours	75,000 Hours

Mounting

PJF1-AC-10 10 ft. Cable Mounting Kit - Set of 2

(Sold Separately)



Also Available:

20 ft. Aircraft Cable Mounting Kit

10 ft. Aircraft Cable Mounting Kit

(Power Cable Required / Sold Separately)