

Date Project

Part #



100-200W version



201W-400W version

Applications

- Aisle Lighter, High Racks
- Corridors

The Filamento aisle lighter's exceptional optical distribution enables up to:

- 50% energy saving at same spacing
- 50% energy saving & 50% fewer fixture at wider spacing

Features

- 17,226 to 63,754 Lumens
 - Option for 5 Selectable Power Levels:
 - 100W, 118W, 140W, 167W, 200W
 - 201W, 236W, 280W, 334W, 400W
- 100-277 VAC or 277-480 VAC
- 80 CRI Standard
- 4000K or 5000K CCT
- Wireless and non-wireless control options
- Five year warranty²
- See website for installation guide and IES file

Available with:

- 0-10v Analog
- Pogo Pin Receptacle

World Wide Certifications

- UL
- See regional section for applicable certification
- DLC



Lumen Maintenance

Hours					
0	30,000	45,000	60,000	100,000	>102,000
100%	95%	92%	90%	84%	70%

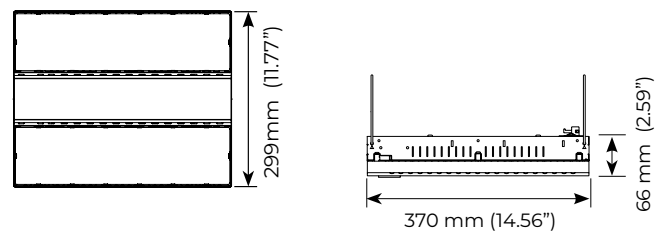
Control Options

- Control Ready:
 - Control module receptacle with 12V power and 0-10V dimming
- Dims to 10% then to off

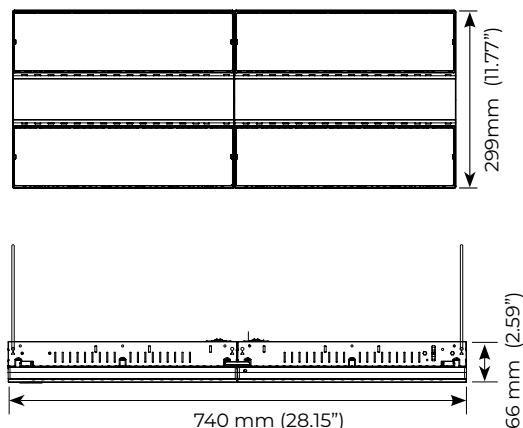
Mechanical & Accessories

- 100W-200W: 4.9 lbs / 2.24 kg
- 201W-400W: 9.8 lbs / 4.48 kg
- Available separately: Power cord, aircraft cable or safety cable

100W-200W version



201W-400W version



Photometry

- UGR < 26 @ 200W (32,604 lumens)

CRI	Power	Lumens @ CCT				
		2700K	3000K	3500K	4000K	5000K
80	100W	-	-	-	17,226	17,226
80	118W	-	-	-	20,100	20,100
80	140W	-	-	-	23,508	23,508
80	167W	-	-	-	27,602	27,602
80	200W	-	-	-	32,604	32,604
80	201W	-	-	-	34,369	34,369
80	236W	-	-	-	40,203	40,203
80	280W	-	-	-	46,687	46,687
80	334W	-	-	-	54,727	54,727
80	400W	-	-	-	63,754	63,754

Selectable Power Levels:

Ordering Code	Power Levels				
20A	100W	118W	140W	167W	200W
40A	201W	236W	280W	334W	400W

Electrical

- VS: 100-277 VAC, 50-60Hz, V4: 277-480 VAC, 50-60 Hz
- <1% Flicker
- PF > 0.9, THD<20%
- Surge: 6 kV (L-N), 10kV (L-G, N-G)

	Amps @ Line Voltage (VAC)				
	VS				
	100V	120V	220V	240V	277V
100W	1.00A	0.83A	0.45A	0.42A	0.36A
118W	1.18A	0.98A	0.54A	0.49A	0.43A
140W	1.40A	1.17A	0.64A	0.58A	0.51A
167W	1.67A	1.39A	0.76A	0.70A	0.60A
200W	2.00A	1.67A	0.91A	0.83A	0.72A
201W	2.01A	1.68A	0.91A	0.84A	0.73A
236W	2.36A	1.97A	1.07A	0.98A	0.85A
280W	2.80A	2.33A	1.27A	1.17A	1.01A
334W	3.34A	2.78A	1.52A	1.39A	1.21A
400W	4.00A	3.33A	1.82A	1.67A	1.44A

	Amps @ Line Voltage (VAC)	
	V4	
	347V	480V
100W	0.29A	0.21A
118W	0.34A	0.25A
140W	0.40A	0.29A
167W	0.48A	0.35A
200W	0.58A	0.42A
201W	0.58A	0.42A
236W	0.68A	0.49A
280W	0.81A	0.58A
334W	0.96A	0.70A
400W	1.15A	0.83A

1. Unless otherwise specified, all values are typical at 25°C 277VAC ± 10% tolerance
2. [See limited warranty for details](#)
3. Specifications subject to change without notice
4. Not intended for use in environments containing airborne corrosive agents such as chemicals, solvents, or cutting fluids

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Applicable Regions

- North America
- UL



Summary

- Line Voltage 100-277 VAC Or 277-480VAC
- Certified to UL/ULC standard

Model

Series	Region	Power	CRI	CCT	Driver	
LA1	Aisle Lighter	FIX North America	20A 100-200W 40A 201-400W 100 100W 118 118W 140 140W 167 167W 200 200W 201 201W 236 236W 280 280W 334 334W 400 400W	8 80 CRI	40 4000K 50 5000K	VS 100-277V EM Emergency Battery 100-277V V4 277-480V E4 Emergency Battery 277-480V

Example Part Number

Power	CCT	Driver	Control	Part Number	Product Code
Adjustable 100-200W	4000K	100-277V	Pogo Pin Receptacle with dimming	LA1-FIX-20A-8-40-VS	00626
	5000K			LA1-FIX-20A-8-50-VS	03645
	4000K	100-277V & Emergency Battery		LA1-FIX-20A-8-40-EM	00623
	5000K			LA1-FIX-20A-8-50-EM	00690
400W	4000K	100-277V		LA1-FIX-400-8-40-VS	03584
	5000K			LA1-FIX-400-8-50-VS	03588
	4000K	100-277V & Emergency Battery		LA1-FIX-400-8-40-EM	03582
	5000K			LA1-FIX-400-8-50-EM	03586

Accessories

Controls	Aisle PIR Occupancy & Daylight Sensor
Bluetooth	-3GA
Non-Wireless	-3NA

*Contact Factory for Other Control Options

Accessories	
	Description
-CAB06	6ft Power Cord
-CAB10	10ft Power Cord
-CAB15	15ft Power Cord
-CAB20	20ft Power Cord
-GPL10	10ft Aircraft cable with gripple
-GPL15	15ft Aircraft cable with gripple
-GPL20	20ft Aircraft cable with gripple
-WRG	Wire Guard