



LED LINEAR FIXTURE(LF01)

Applications:

Suitable for commercial, warehouse, industrial, retail, grocery and convention centers.

FEATURES

- Offers efficacy at 160lm/w
- Available in 4' and 8' rail sections
- Flexible trunking system with X, Tand L node connections
- Operates at 100-277VAC input voltage
- Trunking rail comes standard with 5, 8 or 12 conductors
- CCT: 3000K, 4000K, 5000K and low UGR
- Optics available in 30°, 60°, 90°, 120°, 120° frosted, 30*30 double assymetric, asymmetric right or left
- Operating temperature is -25°C to 60°C (-13°F to 140°F)
- CRI: 80 standard, 95 is optional
- Control options: DALI, 0-10Vdc dimming, microwave motion and daylight sensor
- Emergency power: Ni-MH battery, 6W or 12W, suitable for 90 minutes or 180 minutes
- Overload protection, short circuit and over voltage rotection with automatic restart



160lm/w





PERFORMANCE DATA

Wattage	Length	Beam angle	Voltage	3000K (CRI80)		4000K (CRI80)		5000K (CRI80)	
				Lumens	LPW	Lumens	LPW	Lumens	LPW
30w	4 Ft	Lens: 30°/60°/90°/120°/asymmetric/ double asymmetric PC: 120°	AC100-277V	4560lm	152lm/w	4800lm	160lm/w	4830lm	161lm/w
40W	4 Ft	Lens: 30°/60°/90°/120°/asymmetric/ double asymmetric PC: 120°	AC100-277V	6080lm	152lm/w	6400lm	160lm/w	6440lm	161lm/w
60W	4 Ft	Lens: 30°/60°/90°/120°/asymmetric/ double asymmetric PC: 120°	AC100-277V	9120lm	152lm/w	9600lm	160lm/w	9660lm	161lm/w
60w	8 Ft	Lens: 30°/60°/90°/120°/asymmetric/ double asymmetric PC: 120°	AC100-277V	9,000lm	150lm/w	9600lm	160lm/w	9720lm	161lm/w
80W	8 Ft	Lens: 30°/60°/90°/120°/asymmetric/ double asymmetric PC: 120°	AC100-277V	12,000lm	150lm/w	12,800lm	160lm/w	12,880lm	161lm/w
120W	8 Ft	Lens: 30°/60°/90°/120°/asymmetric/ double asymmetric PC: 120°	AC100-277V	17,760lm	148lm/w	19,200lm	160lm/w	19,320lm	161lm/w

ELECTRICAL DATA

STANDARD DRIVER – NO DIMMING

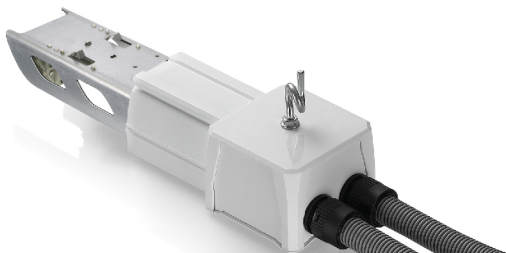
MODEL NO.	LF01-30	LF01-40	LF01-60	LF01-60	LF01-80	LF01-120
Length	4 Ft.	4 Ft.	4 Ft.	8 Ft.	8 Ft.	8 Ft.
Power	30W	40W	60W	60W	80W	120W
Input Voltage	100-277 VAC	100-277 VAC	100-277 VAC	100-277 VAC	100-277 VAC	100-277 VAC
Input Current	0.4A	0.5A	0.8A	0.8A	1.0A	1.6A
Output Voltage	30-40 Vdc	30-40 Vdc	30-40 Vdc	30-40 Vdc	30-40 Vdc	30-40 Vdc
Output Current	0.8A	1.1A	1.6A	1.6A	2.2A	3.2A
Inrush Current	5A	5A	5A	5A	5A	5A
Insulation Resistance	>100MΩ @500Vdc	>100MΩ @500Vdc	>100MΩ @500Vdc	>100MΩ @500Vdc	>100MΩ @500Vdc	>100MΩ @500Vdc
Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Efficiency	88%	88%	88%	88%	88%	88%
PF (@230V, 60 Hz, full load)	0.95	0.95	0.95	0.95	0.95	0.95
THD (@230 V, 60 Hz, full load)	≤15%	≤15%	≤15%	≤15%	≤15%	≤15%
Turn On Time	≤1s	≤1s	≤1s	≤1s	≤1s	≤1s
Turn Off Time	≤1s	≤1s	≤1s	≤1s	≤1s	≤1s
Hold on Time at Failure	10ms	10ms	10ms	10ms	10ms	10ms
Operating Humidity	10 – 80%	10 – 80%	10 – 80%	10 – 80%	10 – 80%	10 – 80%
Storage Humidity	10 – 80%	10 – 80%	10 – 80%	10 – 80%	10 – 80%	10 – 80%
Ambient Temperature	-25 - 60°C	-25 - 60°C	-25 - 60°C	-25 - 60°C	-25 - 60°C	-25 - 60°C
Maximum Casing Temperature	75°C	75°C	75°C	75°C	75°C	75°C
Storage Temperature	-40 - 85°C	-40 - 85°C	-40 - 85°C	-40 - 85°C	-40 - 85°C	-40 - 85°C

1-10 VDC DIMMING AND DALI DRIVER

XX: ADD 10 (1-10 VDC DIMMING), ADD DA (DALI CONTROL)

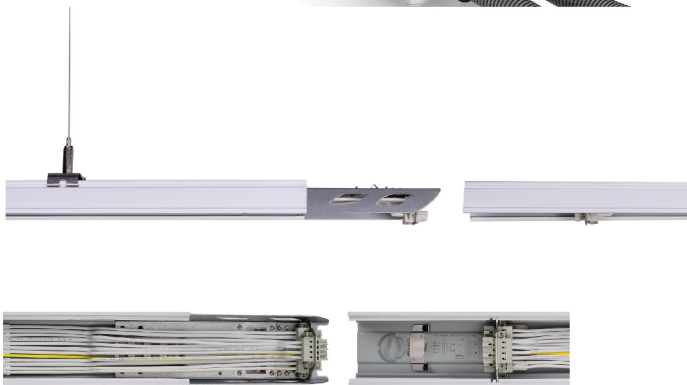
MODEL NO.	LF01-30-XX	LF01-40-XX	LF01-60-XX	LF01-60-XX	LF01-80-XX	LF01-120-XX
Length	4 Ft.	4 Ft.	4 Ft.	8 Ft.	8 Ft.	8 Ft.
Power	30W	40W	60W	60W	80W	120W
Input Voltage	100-277 VAC	100-277 VAC	100-277 VAC	100-277 VAC	100-277 VAC	100-277 VAC
Input Current	0.4A	0.5A	0.8A	0.8A	1.0A	1.6A
Output Voltage	30-40 Vdc	30-40 Vdc	30-40 Vdc	30-40 Vdc	30-40 Vdc	30-40 Vdc
Output Current	0.8A	1.1A	1.6A	1.6A	2.2A	3.2A
Inrush Current	5A	5A	5A	5A	5A	5A
Insulation Resistance	>100MΩ @500Vdc	>100MΩ @500Vdc	>100MΩ @500Vdc	>100MΩ @500Vdc	>100MΩ @500Vdc	>100MΩ @500Vdc
Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Efficiency	87%	87%	87%	87%	87%	87%
PF (@230V, 60 Hz, full load)	0.95	0.95	0.95	0.95	0.95	0.95
THD (@230 V, 60 Hz, full load)	≤15%	≤15%	≤15%	≤15%	≤15%	≤15%
Turn On Time	≤1s	≤1s	≤1s	≤1s	≤1s	≤1s
Turn Off Time	≤1s	≤1s	≤1s	≤1s	≤1s	≤1s
Hold on Time at Power Failure	10ms	10ms	10ms	10ms	10ms	10ms
Maximum Cable Length	980 Ft.	980 Ft.	980 Ft.	980 Ft.	980 Ft.	980 Ft.
Dimming	1-10 Vdc	1-10 Vdc	1-10 Vdc	1-10 Vdc	1-10 Vdc	1-10 Vdc
Dimming Range	10 – 100%	10 – 100%	10 – 100%	10 – 100%	10 – 100%	10 – 100%
Operating Humidity	10 – 80%	10 – 80%	10 – 80%	10 – 80%	10 – 80%	10 – 80%
Storage Humidity	10 – 80%	10 – 80%	10 – 80%	10 – 80%	10 – 80%	10 – 80%
Ambient Temperature	-25 - 60°C	-25 - 60°C	-25 - 60°C	-25 - 60°C	-25 - 60°C	-25 - 60°C
Maximum Casing Temperature	75°C	75°C	75°C	75°C	75°C	75°C
Storage Temperature	-40 - 85°C	-40 - 85°C	-40 - 85°C	-40 - 85°C	-40 - 85°C	-40 - 85°C

Our LED Linear Lighting System will save you money. This is where it all starts at.



Power Module

Less conduit and wire needed, lower installation cost.



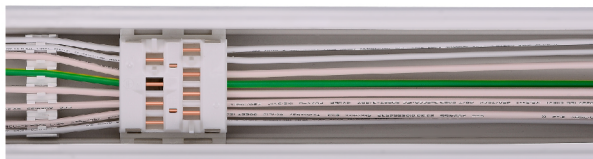
Trunk Rail

Continuous and seamless installation. Multi-functional; includes power supply, lighting control and connections for emergency lighting.



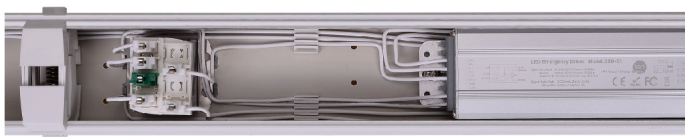
Luminaire

Luminaire snaps into trunk rail, simply push the two buttons and insert.



Wiring

Trunk rail is available with 5, 8 and 12 wire configurations. Can be designed for emergency lighting and various dimming options. Maximum current is 16A@220V allowing (88) 40w four foot fixtures to be connected in one serial row.



Emergency Power

Ni-MH battery, 6w or 12 w, suitable for 90 or 180 minutes.

ACCESSORIES



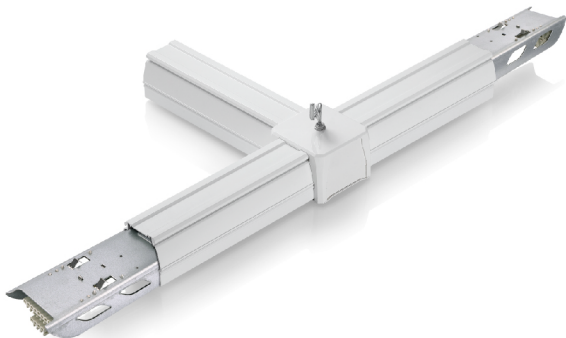
Microwave motion sensor with integral daylight sensor, offering additional energy savings.



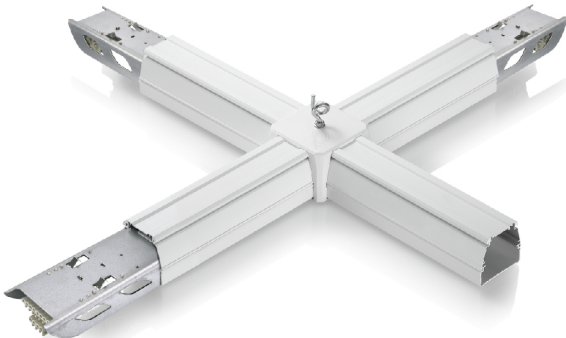
Adjustable track spotlight for accent lighting applications such as jewelry store, museums, sculptures or other merchandise needing focused on.

NODES

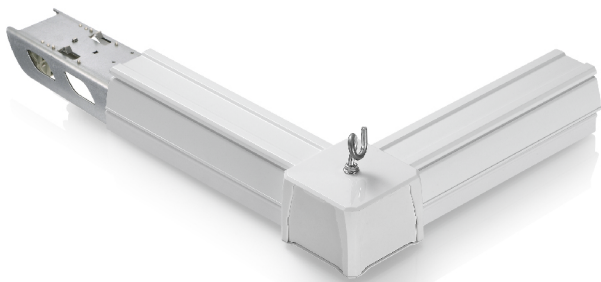
Features a continuous, seamless and toolless installation.



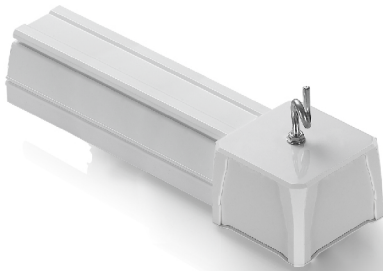
T- Connector



X- Connector



L- Connector



Terminal Box

PHOTOMETRICS



sharp
30°



narrow
60°



wide
90°



flood
120°



flat
120° frosted



asymmetric
(left or right)
30°



double
asymmetric
30° * 30°

Please note: For special applications where low UGR is required, a grill attachment is available.
Grill attachment works with wide 90° lens.

MOUNTING

Maximum suspension span is 10' to ensure quick and easy installation with fewer suspension points



Chain



Rod



Cable



Surface Mounted



Mounting clip

ORDERING GUIDE - 4 Foot (1200mm)

Example: AO-LF01-30-X-LV-YYK-Z-Z-Z

Fixture Type AO-	Wattage 	Controls 	Voltage 	CCT 	Sensor (Option) 	Backup Battery (Optional) 	Photometry
LF01 Linear Fixture Series	30 30W 40 40W 60 60W	Blank Without Controls 10 1-10V Dimming D DALI	LV 120-277V	30K 3000K 40K 4000K 50K 5000K 60K 6000K LU Low UGR	Blank Without Sensor M Multi Sensor	B Emergency Battery Blank Without Emergency Battery	S Sharp N Narrow W Wide F Flood FL Flat D Double Asymmetric R Right Asymmetric L Left Asymmetric

ORDERING GUIDE - 8 Foot (2400mm)

Example: AO-LF01-30-X-LV-YYK-Z-Z-Z

Fixture Type AO-	Wattage 	Controls 	Voltage 	CCT 	Multi-Sensor (Option) 	Backup Battery (Optional) 	Photometry
LF01 Linear Fixture Series	30 30W 60 60W 80 80W 120 120W	Blank Without Controls 10 1-10V Dimming D DALI	LV 120-277V	30K 3000K 40K 4000K 50K 5000K 60K 6000K LU Low UGR	Blank Without Sensor M Multi Sensor	B Emergency Battery Blank Without Emergency Battery	S Sharp N Narrow W Wide F Flood FL Flat D Double Asymmetric R Right Asymmetric L Left Asymmetric



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Specifications are subject to change without notice.
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