

L70
25°C

50,000 Hours



NOTES:

FIXTURE TYPE:

PROJECT:



CONSTRUCTION

- Standard lengths are 2ft, 4ft, 8ft, and it can be extended via row connectors and occlusion blocks.
- The fixture channel, cover, and plates are formed from cold-rolled steel.
- Housing components act as a heat sink for LED heat dissipation.
- The fixture can be surface or suspension mounted with appropriate mounting options provided (see accessories).

OPTICS

- Light engines are available in color selectable version, the CCT can be changed to three CCT's (3500K, 4000K, 5000K)
- Scalable lumen packages range from 3,360 to 12,300 lumens, with efficacy up to 140 lm/W.
- <5 SDCM color consistency, 80 CRI.
- Features acrylic lens is designed to shape the light uniformity and comfortable light.

LIFESPAN

- Estimated 50,000-hour LED lifespan based on IES LM-80 and TM-21 calculations.

APPLICATIONS

- Suitable for commercial, warehouses, parking lot, corridor, retail spaces.

ELECTRICAL

- Universal 120-277 VAC input voltage.
- Selectable Wattage Levels: 22W/28W/34W/40W; 46W/54W/62W/70W; 50W/60W/70W/86W.
- 0-10V dimming driver with 10%-100% dimming range.
- PF > 90%, THD < 20%.
- Operating Temperature Range: -20°C to 40°C (-4 F - + 104 F).

Note: Operating temperature range with emergency battery : 10°C to 40°C (+50 F - + 104 F).

CONTROLS

- Optional PIR sensor or Bluetooth smart control sensor available for further energy savings.
- The optional sensor receptacle enables quick on-site installation of sensors.
- Emergency battery backup optional.

INSTALLATION

- Surface Mount - Standard.
- V-Hook (sold separately)
- Aircraft Cable (sold separately)
- T-bar bracket (sold separately)

WARRANTY

- Five-year limited warranty.

CERTIFICATIONS

- UL cUL damp location listed.

NOTE

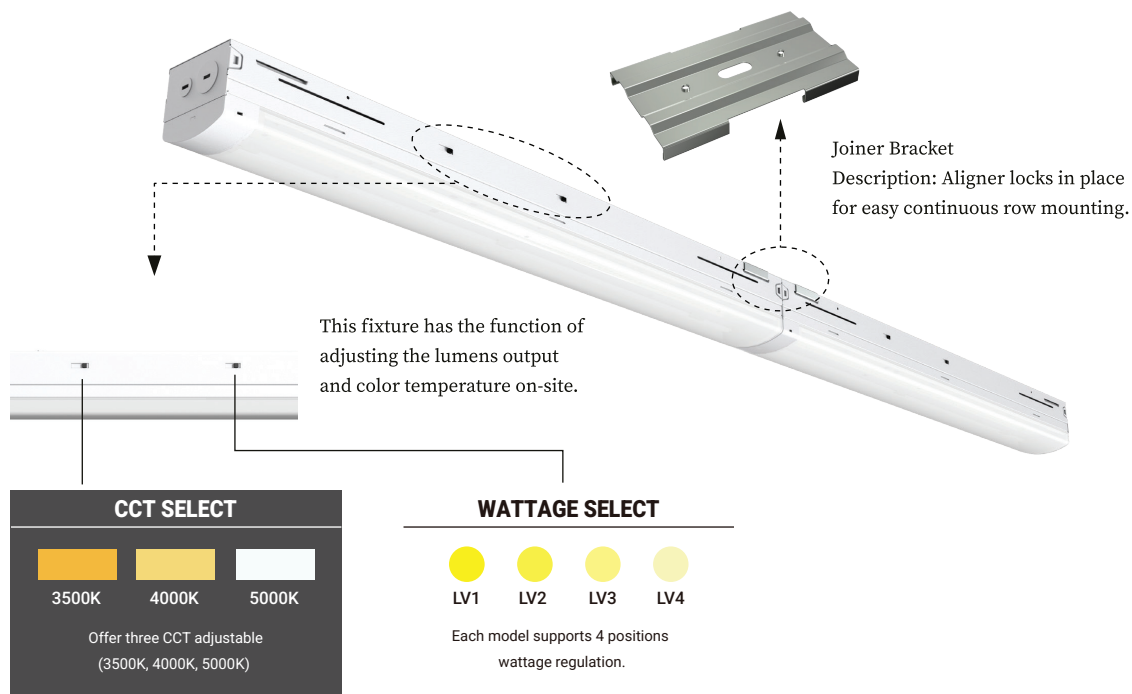
Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C (±5°C). Specifications are subject to change without notice.

ORDERING INFORMATION

EXAMPLE: MLF04-2F-40W-27V-DDK-W-M-B-AD

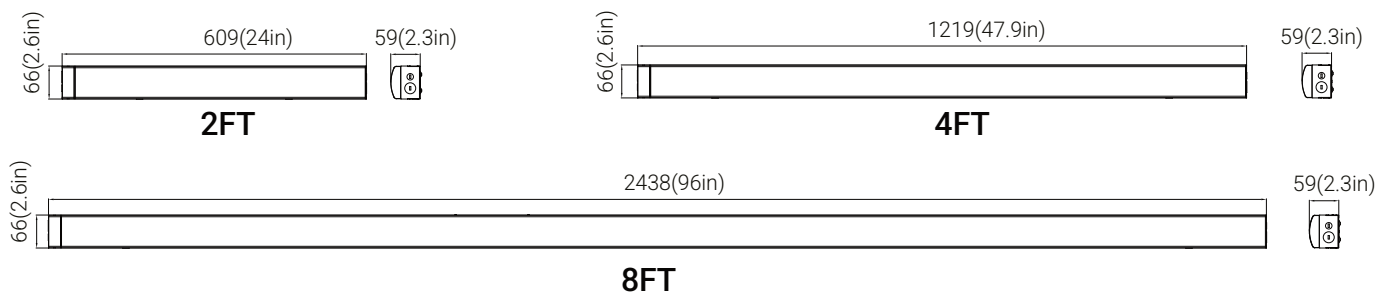


Model	Size	Power	Voltage	CCT	Finish	Sensor (Option)	Backup Battery (Option)	Mounting	Adjustment Dial
MLF04 = Linear Fixture	2F = 2FT 4F = 4FT 8F = 8FT	40W = 40Watts 70W = 70Watts 86W = 86Watts	27V = 120-277V	DDK = Selectable Color Temperature	W = White	M = With Sensor Blank = Without Sensor	B = Emergency Battery Blank = Without Emergency Battery	SM = Surface mount CI = Chain installation SI = Steel wire installation TG = T-grid bracket	AD = Adjustment Dial



DIMENSIONS

unit: mm/inch



PLUG-IN PIR SENSOR

The optional receptacle for plug-and-play sensor eliminates the need for on-site modifications, making installation quick and hassle-free.



PERFORMANCE DATA

MLF04 40W 4FT

SETTING	SYSTEM WATTS	3500K(80CRI)		4000K(80CRI)		5000K(80CRI)	
		LUMENS(lm)	LPW(lm/w)	LUMENS(lm)	LPW(lm/w)	LUMENS(lm)	LPW(lm/w)
LV1	40W	5440	136	5720	143	5600	140
LV2	34W	4726	139	4964	146	4828	142
LV3	28W	3976	142	4172	149	4060	145
LV4	22W	3190	145	3366	153	3256	148

MLF04 70W 8FT

SETTING	SYSTEM WATTS	3500K(80CRI)		4000K(80CRI)		5000K(80CRI)	
		LUMENS(lm)	LPW(lm/w)	LUMENS(lm)	LPW(lm/w)	LUMENS(lm)	LPW(lm/w)
LV1	70W	9520	136	10010	143	9800	140
LV2	62W	8618	139	9052	146	8866	143
LV3	54W	7668	142	8100	150	7884	146
LV4	46W	6716	146	7084	154	6900	150

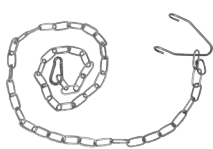
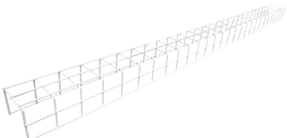
MLF04 86W 8FT

SETTING	SYSTEM WATTS	3500K(80CRI)		4000K(80CRI)		5000K(80CRI)	
		LUMENS(lm)	LPW(lm/w)	LUMENS(lm)	LPW(lm/w)	LUMENS(lm)	LPW(lm/w)
LV1	86W	11700	136	12300	143	12040	140
LV2	70W	9730	139	10220	146	10010	143
LV3	60W	8520	142	9000	150	8760	146
LV4	50W	7350	147	7700	154	7500	150

ELECTRICAL DATA

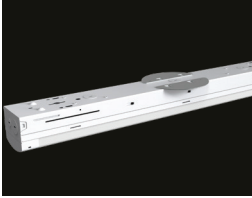
Number Of Drivers	Driver Current(mA)	Nominal Power(W)	INPUT VOLTAGE(V)	CURRENT(Amps)
1	830	40	120	0.33
		40	208	0.19
		40	240	0.17
		40	277	0.14
1	1470	70	120	0.58
		70	208	0.34
		70	240	0.29
		70	277	0.25
1	1900	86	120	0.72
		86	208	0.41
		86	240	0.36
		86	277	0.31

ACCESSORIES (OPTIONAL)

 Mounting Plate (Default)	 Aircraft Cable Suspended (Sold separately)	 Chain Suspended (Sold separately)	 T-Grid Bracket (Sold separately)
 Wire Guard (Sold separately)	 3 Second Plug-in PIR sensor (Sold separately)	 Emergency Battery 8W 900lm 90min (Sold separately)	 Joiner Bracket (Sold separately)

WAYS TO INSTALL

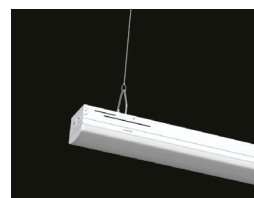
Surface Mount
(Default)



V-hook Mount
(Sold Separately)



Aircraft cable
(Sold Separately)



T Bar installation
(Sold Separately)

