



Specifications



Construction

- Standard with 2ft,4ft,8ft and can be extended by row connector and occlusion block.
- Fixture channel,cover and plates are formed from cold rolled steel.
- Housing components act as heat sink for LED heat dissipation.
- Optional internal pluggable wiring harness for reduced labor cost in row mounting applications.
- Fixture may be surface or suspension mounted with appropriate mounting options (see accessories).

Optics

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

Electrical

- Universal 120-277 VAC input voltage.
- Wattage adjustable: 10W/16W/20W/24W; 22W/28W/34W/40W; 46W/54W/62W/70W; 50W/60W/70W/86W.
- 0-10V dimming standard for a dimming range of 100% to 10%.
- PF >90%, THD <20%.
- Operating Temperature Range: -20°C to 40°C (-4°F - + 104°F).

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

Controls

- Optional PIR Sensor or Bluetooth Smart Control Sensor available for further energy saving.
- The option sensor receptacle can quickly install sensors on site.
- Optional for Emergency Battery Backup.

Installation

- Surface (default)
- V-Hook(sold separately)
- Aircraft cable (sold separately)
- T bar bracket (sold separately)

Lifespan

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

Warranty

- Five-year limited warranty.

Certifications

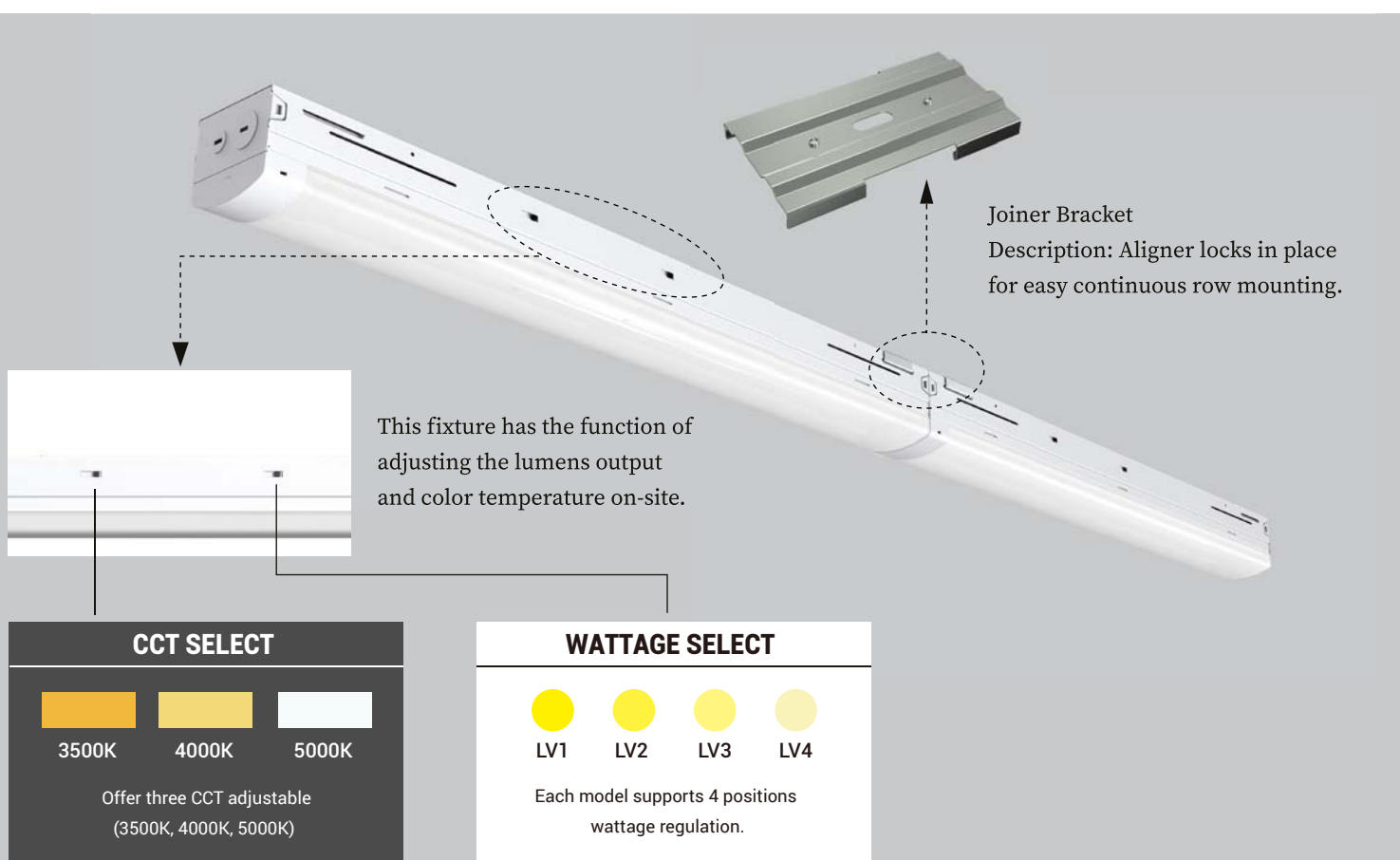
- UL cUL damp location listed.

Applications

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

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 subject to change without notice.



Performance data

IMLF04 24W 2FT							
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	24W	3264	136	3408	142	3360	140
LV2	20W	2760	138	2900	145	2840	142
LV3	16W	2240	140	2368	148	2304	144
LV4	10W	1430	143	1520	152	1470	147

IMLF04 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

IMLF04 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

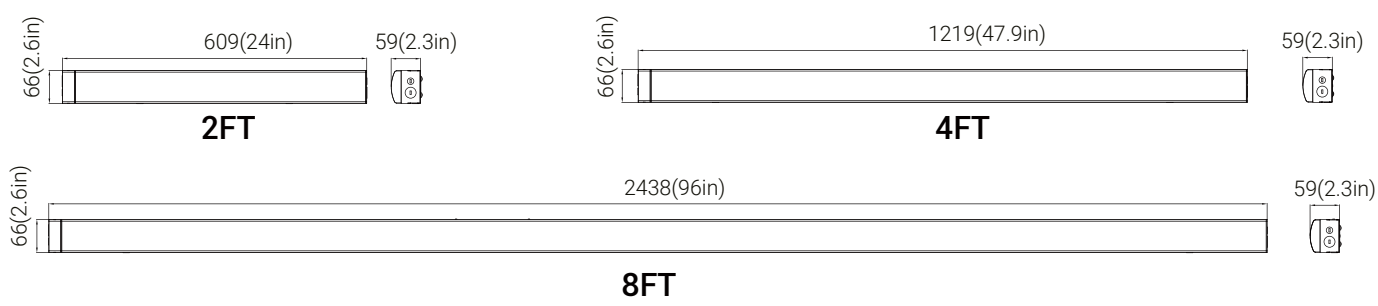
IMLF04 86W 8FT							
SETTING	SYSTEM WATTS	3500K(80CRI)		4000K(80CRI)		5000K(80CRI)	
		LUMENS(lm)	LPW(lm/w)	LUMENS(lm)	LPW(lm/w)	LUMENS(lm)	LPW(lm/w)
LV1	86W	11700	136	12300	143	12040	140
LV2	70W	9730	139	10220	146	10010	143
LV3	60W	8520	142	9000	150	8760	146
LV4	50W	7350	147	7700	154	7500	150

Electrical data

Number Of Drivers	Driver Current(mA)	Nominal Power(W)	INPUT VOLTAGE(V)	CURRENT(Amps)
1	510	24	120	0.20
		24	208	0.12
		24	240	0.10
		24	277	0.09
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

Dimension

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.



Way to install

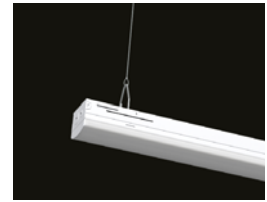
Surface Mount
(Default)



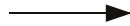
Chain Suspended
Mount (Sold Separately)



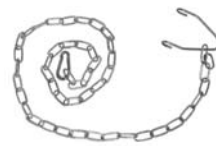
Aircraft cable
(Sold Separately)



T Bar installation
(Sold Separately)



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 STB41A-08WLi-55 8W 900lm 90min (Sold separately)	 Joiner Bracket (Sold separately)

ORDERING GUIDE

IMLF04 2F 24W 27V DDK Y Y Y Y Y

IUS	Fixture Type	Size	Power	Voltage	CCT	Finish	Sensor (Option)	Backup Battery (Option)	Mounting	Adjustment dial	Internal Code
I	MLF04 Linear Fixture	2F 2ft 4F 4ft 8F 8ft	24W 24W 40W 40W 70W 70W 86W 86W	27V 120-277V	DDK Adjustable color temperature	W White	Blank Without Sensor M With Sensor	B Emergency Battery Blank Without Emergency Battery	SM Surface mount CI Chain installation SI Steel wire installation TG T-grid bracket	AD With adjustment dial	Blank Alphanumeric