

Project:	
Type:	
Catalog # :	

FME Lighting | 877 - 234 - 8460 | info@fmelighting.com



With Germicidal Light Option

## SPECIFICATIONS

### FEATURES

- **New: Internal Battery Backup**
- **New: Germicidal UV light option**
- **NO Vapor Tight Clips, Factory Sealed**
- **High performance LED LUXEON SMD**
- Lumen output 12,000 to 45,000 lumens
- Efficacy Up To 150lm/W
- LED Lifespan > 50,000 hours (Ta=30°C @L70).
- Aluminum alloy (AL6063) housing with white epoxy powder coat finish standard (Unpainted AL6063 available)
- 0-10V dimming. 80W-200W uses single driver, 300W uses double drivers.
- Consult factory for custom cord and wiring options. Fixture comes standard with 3ft whip and IP69K waterproof connector.
- Polycarbonate lens - safe for food processing applications.
- External PIR sensor (IP65) and motion sensor options available.

### MECHANICAL

- Robust AL6063 housing withstands harsh industrial environments.
- Stainless Steel suspended mounting cable and surface mounting brackets options available.
- Standard with mounting loops for chain hanging.

### ELECTRICAL

- 100-277V Standard. 200-480V available
- CCT: 3000K, 4000K, 5000K, 6000K, RGB, UV Germicidal

## WARRANTY & LISTING

- UL 1598-2008
- DLC premium
- IP69K rated
- NSF/ANSI 2 (approved for food zone non-contact, splash zone, and non-food zone)
- 1500psi hosedown
- -40°C to 55°C Cold Storage/High Temp (70C = [See the VF2-HT Here](#))
- 10 year warranty / Internal Battery 3 year warranty

## CONTROL OPTIONS

- Unit mounted dipswitches - CCT and wattage tunable
- Phone app/Bluetooth - TUYA: CCT and dimmable
- ZIGBEE - WiFi Gateway (contact factory)
- Rockwell PLC Control (contact factory)

## LUMENS, OPTICS & DIMENSIONS

\*See Page 3 for All Photometry Diagrams.

\*See Page 2 for All Dimensions Diagrams.

## ORDERING INFORMATION

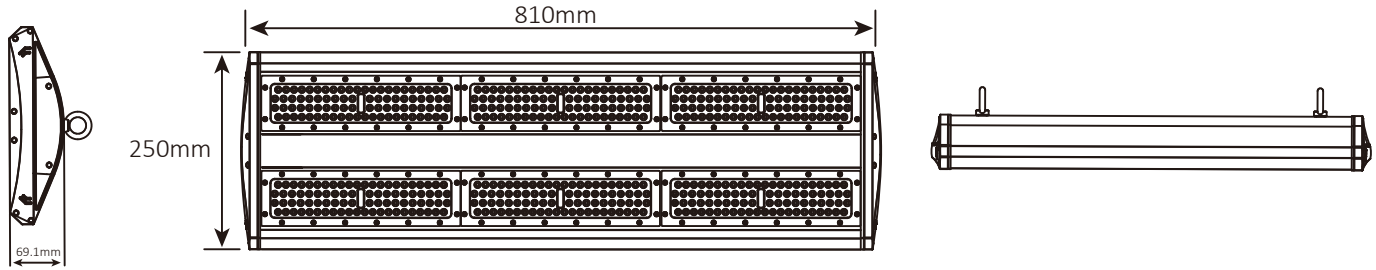
### ORDERING GUIDE

Series	Wattage		Voltage	CCT		CRI	Optic	Driver	Battery Backup	Accessories	
VF2	8 = 80W	T160 = 80-	LV = 100-277	S = 3000K	R = Red	7 = 70	15°	D = Dimming (Adds	EM1 = Internal battery backup*	CL_* = Cable Length	AH= Aluminum Housing
	12 = 120W	120-160W	VAC	I = 4000K	G = Green	8 = 80	25°	Dimming Wire to top)	EM2 = External battery backup	(*Specify cable length)	no paint
	16 = 160W	(Tunable)	HV = 200-480	C = 5000K	B = Blue	85 = 85	40°	ND = Non Dimmable		MS = Microwave Sensor	PM = Pendant mount
	20 = 200W	T161 = 100-	VAC	K = 6000K	C = Custom		60°			60C rated	3/4" Conduit Hub
	30 = 300W	120-160W		N =			90°			PIR = Passive Infrared	SM= Surface mount (no
	T120 = 80-	(Tunable		Adjustable			120°			Sensor 35C rated (Only	loops)
	100-120W	T200 = 80-		(4K,45K,5K)			30° x 15°			IP65)	SC = Suspension Mount
	(Tunable)	16-200W					49° x 21°			DS = Dip-switch (Tunable)	ZT = ZIGBEE
		(Tunable)					136° x 78°			MS-T = Bluetooth Tuya	RP = Rockwell
		T220 = 200-								phone app	RP = Rockwell PLC
		250-300W								BT = Bluetooth (Phone	Control
		(Tunable)								Tuya App)	HC-1 = (PIR)
											HC-2 = (Microwave)

\*Wattages supported are 80W, 120W, 160W, T120, T160, & T161  
 Note: order remote option for PIR and microwave sensors to change settings

## DIMENSIONS

Unit: mm (inch)



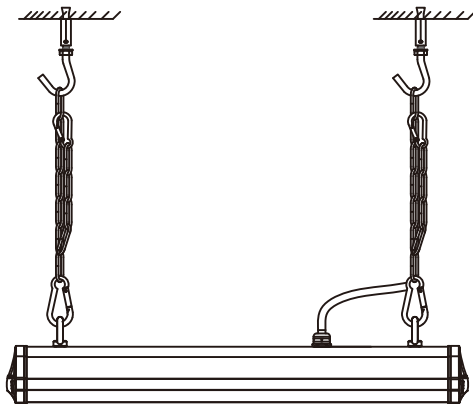
Model	Without: Internal Battery Backup	With: Internal Battery Backup
<b>80W</b> AC100-277V	<b>1.5ft</b> 448 x 250 x 69 mm	<b>2ft</b> 556 x 250 x 69 mm
<b>120W</b> AC100-277V	<b>2ft</b> 556 x 250 x 69 mm	<b>2ft</b> 556 x 250 x 69 mm
<b>160W</b> AC100-277V	<b>2ft</b> 556 x 250 x 69 mm	<b>3ft</b> 810 x 250 x 69 mm
<b>200W</b> AC100-277V	<b>2ft</b> 556 x 250 x 69 mm	-
<b>250W</b> AC100-277V	<b>3ft</b> 810 x 250 x 69 mm	-
<b>250W</b> AC100-277V	<b>3ft</b> 810 x 250 x 69 mm	-

\* Tunable version sizes reflect the size of the highest wattage value produced.  
 Ex. The VF2-T160 is 2ft for none EM version and 3ft for the EM.

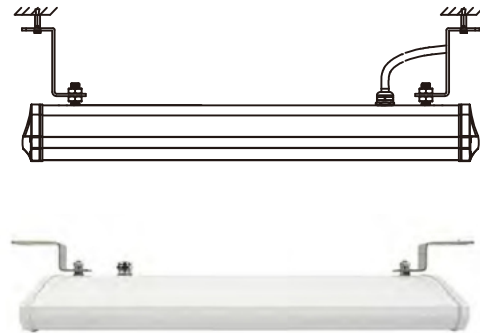
## EMERGENCY DRIVER INFORMATION

- Built in LiFePO4 battery
- Provide full-power backup up to 20W for 90 minutes
- Working temperature: 0°C~50°C
- 3 year warranty

## MOUNTING OPTIONS



Suspended chain - SC

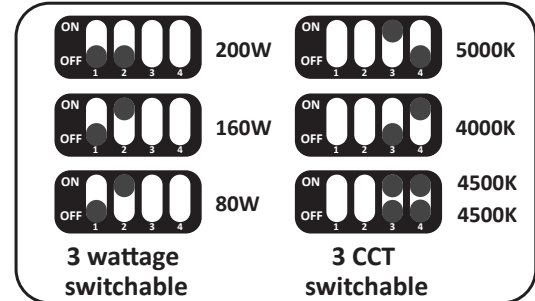


Surface mounted - SM

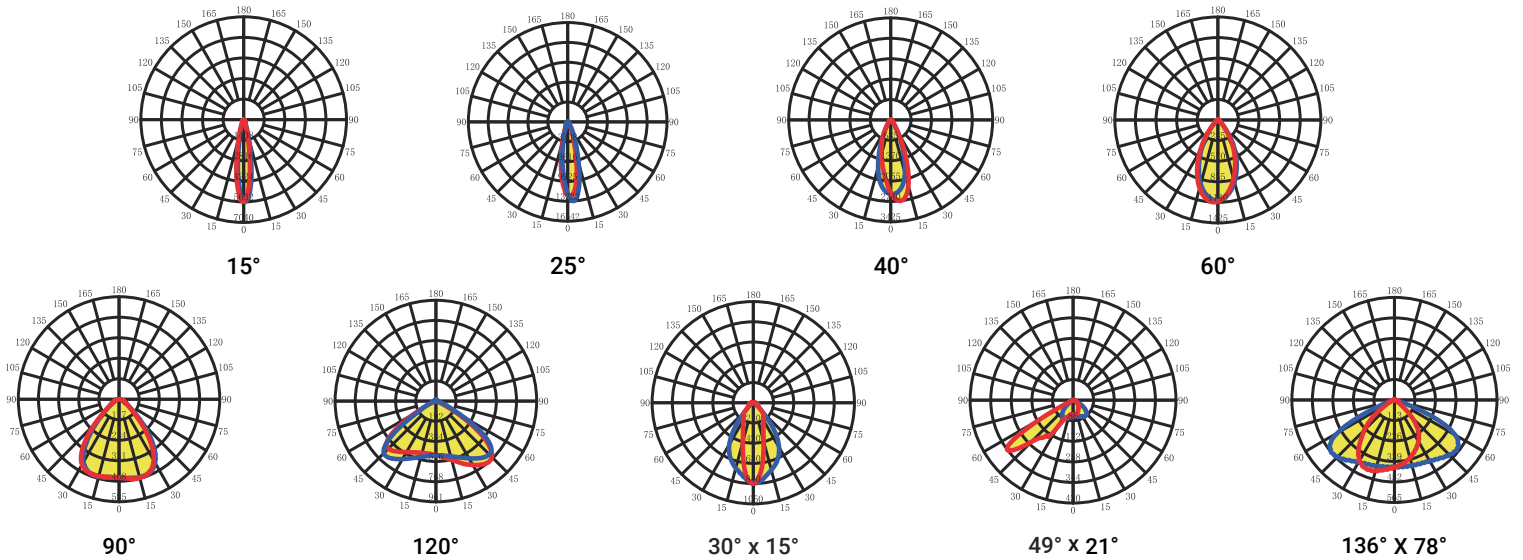
### LUMENS

Wattage <i>Input Voltage</i>	Lumens	Efficacy
80W <i>AC100-277V</i>	12000lm	150lm/w
120W <i>AC100-277V</i>	18000lm	150lm/w
160W <i>AC100-277V</i>	24000lm	150lm/w
200W <i>AC100-277V</i>	30000lm	150lm/w
250W <i>AC100-277V</i>	37500lm	150lm/w
250W <i>AC100-277V</i>	45000lm	150lm/w

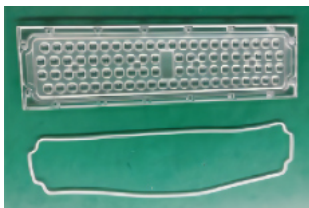
### Tunable Versions



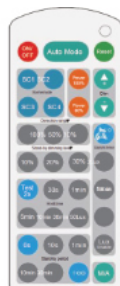
### PHOTOMETRY



### OPTIONS



Field Interchangeable  
Lenses  
*Contact Factory*



Handheld  
Controller  
HC-1 (PIR)  
HC-2 (Microwave)