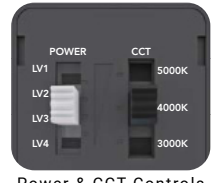
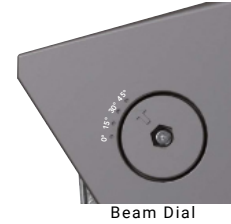


Project:	
Type:	
Catalog # :	

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



Power & CCT Controls

### SPECIFICATIONS

VOLTAGE	120-277VAC
WATTAGE	30W, 60W, 100W, 150W
POWER ADJUSTMENT	4 levels of output: 100%, 80%, 60%, 40%
COLOR TEMP	Adjustable: 3000K, 4000K & 5000K
OPERATING TEMP	-40°C to 40°C (-40°F - + 104°F)
HOUSING	Cast-Aluminum with Polyester Powder Paint
LENS	Glass
BEAM ANGLE	0°, 15°, 30° & 45°
POWER FACTOR	>90% / THD <15%.
LED LIFESPAN	Minimum 50,000h
DIMMING	1-10V Dimming
CONTROLS	PIR Sensor or Bluetooth Smart Control Sensor
WARRANTY	5 Year Limited Warranty

### KEY FEATURES

- **Adjustable CCT and Lumen Output:** Flexible color temperature settings (3000K/4000K/5000K) and lumen output levels (4,000 to 16,000 Lumens).
- **Rugged Construction:** Durable cast-aluminum housing with bronze polyester powder coating for long-lasting outdoor use, in 3 different sizes based on wattage.
- **Sealed Housing:** Protects against moisture and environmental contaminants, ensuring reliable performance.
- **Emergency Lighting:** Optional Emergency Battery
- **Energy-Efficient Controls:** Includes an optional dusk-to-dawn photocell and plug-and-play PIR or Bluetooth sensors for enhanced energy savings.

### LUMENS, OPTICS & DIMENSIONS

\*See Page 3 for All Photometry Diagrams.

\*See Page 2 for All Dimensions Diagrams.

### ACCESSORIES



#### Emergency Battery Backup

Description:  
8W 900lm 90min, suit for 60W, 90W, 120W  
5W 600lm 90min, suit for 40W



#### PIR Sensor

Description:  
10-15VDC input voltage Plug-in PIR sensor  
Preset for 5min hold time, 30 min standby time at 30% dim. daylight disabled.



#### CCT and Wattage controller

Description:  
Power adjustment range: 100%-80%-60%-40%,  
CCT adjustment range: 3000K, 4000K, 5000K.



#### Bluetooth PIR Sensor

Description:  
10-15VDC input voltage Plug-in Bluetooth PIR sensor Sensor and Fixture controller for HAISEN system

## ORDERING INFORMATION

### ORDERING GUIDE

Series	Wattage	Voltage	CCT	Color	Photocell	Emergency Battery	Sensor	Adjustment Dial CCT & Power Adjustable
WPK17	3 = 30W 6 = 60W 10 = 100W 15 = 150W	LV = 100-277 VAC HV = 277-480 VAC	V = Adjustable	DB = Dark Bronze B = Black W = White	P = 120V-277V Photocell BLANK = No Photocell	EM = Emergency Battery BLANK = Without Emergency Battery	P1 = PIR Sensor P2 = Bluetooth PIR Sensor BLANK = No Sensor	AD = With Dial BLANK = Without Dial

### DETAILS

#### Construction

- Rugged cast-aluminum housing with bronze polyester powder paint for outdoor applications.
- Casting thermally conducts LED heat to optimize performance and long life.
- The housing is completely sealed, providing excellent protection against moisture and environmental contaminants.

#### Optics

- Light engines are available in CCT adjustable, the CCT can be changed to 3000K/4000K/5000K.
- Scalable Lumen Packages from 4,000 to 16,000 Lumens and each model has four levels of light output adjustment: 100%, 80%, 60%, 40%.
- Professionally designed optical lens with durable glass material to control light distribution and ensure uniformity.
- Adjustable light throw: 0°, 15°, 30° and 45°.

#### Electrical

- Universal 120-277VAC input voltage.
- Optional 0-10V dimming and dimming range from 10%-100%.
- Four adjustable Wattage levels available for each model.
- Both drivers have a power factor >90%, THD <15%.
- Operating Temperature Range: -40°C to 40°C (-40°F - + 104°F).
- Note: Operating with emergency battery temperature range: 10°C to 40°C (+50°F - + 104°F).

#### Controls

- A switchable integrated photocell for easy dusk-to-dawn operation.
- Plug-and-play PIR Sensor or Bluetooth Smart Control Sensor available for further energy-saving.
- The standard sensor receptacle can quickly install sensors on site.
- Optional for Emergency Battery.

#### Lifespan

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

#### 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 25C(±5C) specifications subject to change without notice.



Plug-and-Play PIR Sensor (Optional)



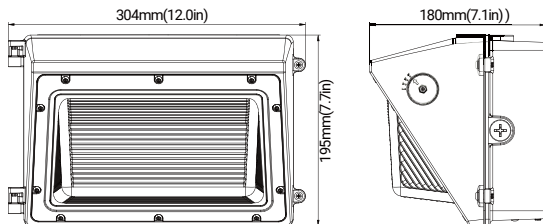
Switchable Photocell



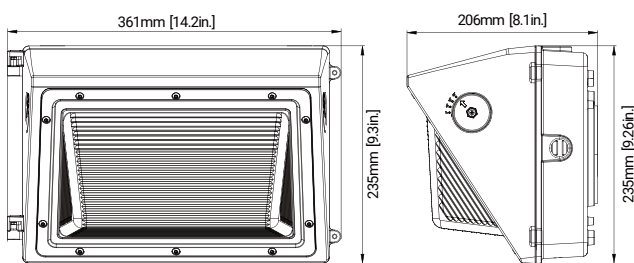
Beam Angle Dial and CCT/Wattage Controller

### DIMENSIONS

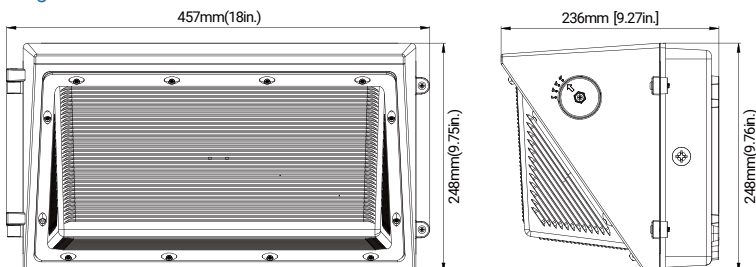
#### Small Size: 30W



#### Medium Size: 60W/100W

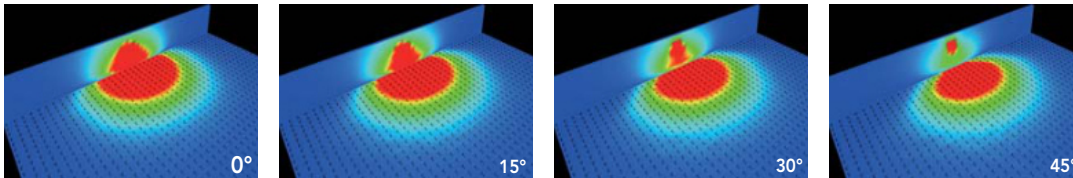


#### Large Size: 150W



### PHOTOMETRY

Choose 0°, 15°, 30°, or 45° to control where the light gets thrown.



### PERFORMANCE DATA

@45° light throw								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
Level 1	30W	80	4300lm	143lm/W	4500lm	150lm/W	4350lm	145lm/W
Level 2	24W	80	3600lm	150lm/W	3800lm	158lm/W	3650lm	152lm/W
Level 3	18W	80	2800lm	156lm/W	3000lm	167lm/W	2850lm	158lm/W
Level 4	12W	80	2000lm	167lm/W	2100lm	175lm/W	2030lm	169lm/W

@45° light throw								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
Level 1	60W	80	8400lm	140lm/W	8900lm	148lm/W	8600lm	143lm/W
Level 2	48W	80	7100lm	148lm/W	7500lm	156lm/W	7300lm	152lm/W
Level 3	36W	80	5600lm	156lm/W	6000lm	167lm/W	5700lm	158lm/W
Level 4	24W	80	3900lm	163lm/W	4200lm	175lm/W	4000lm	167lm/W

@45° light throw								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
Level 1	100W	80	13000lm	130lm/W	14000lm	140lm/W	13500lm	135lm/W
Level 2	80W	80	11000lm	138lm/W	12000lm	150lm/W	11400lm	143lm/W
Level 3	60W	80	8700lm	145lm/W	9500lm	158lm/W	9000lm	150lm/W
Level 4	40W	80	6000lm	150lm/W	6600lm	165lm/W	6250lm	156lm/W

@45° light throw								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
Level 1	150W	80	20000lm	133lm/W	22000lm	147lm/W	21000lm	140lm/W
Level 2	120W	80	16500lm	138lm/W	18500lm	154lm/W	17500lm	146lm/W
Level 3	90W	80	13000lm	144lm/W	14500lm	161lm/W	13800lm	153lm/W
Level 4	60W	80	9000lm	150lm/W	10000lm	167lm/W	9600lm	160lm/W