



Applications:

Security, pathway and perimeter lighting, Building entryways and walkways

Features

- Suitable for WET location/Outdoor
- Lumen output from 4800-14000lm, to replace 100-400W MH
- Full Cutoff and compliance to Dark Sky requirement
- Type III polycarbonate optical lens with UV stabilizers
- Built-in UL class 2 driver, optional for photocell
- Available in durable polyester dark bronze or black or white powder coat
- UL/cUL wet location listed and DLC qualified

Medium Size: 45W/50W/70W/75W



Large Size: 90W/95W/135W/145W



PERFORMANCE DATA

		4000K		5000K	
SYSTEM WATTS	VOLTAGE	LUMENS	LPW	LUMENS	LPW
45W	120-277VAC	4800lm	107 lm/W	4900lm	109 lm/W
50W	347VAC	4800lm	96 lm/W	5000lm	100 lm/W
70W	120-277VAC	7300lm	104 lm/W	7350lm	105 lm/W
75W	347VAC	7400lm	99 lm/W	7500lm	100 lm/W
90W	120-277VAC	9300lm	103 lm/W	9500lm	106 lm/W
95W	347VAC	9300lm	98 lm/W	9500lm	100 lm/W
135W	120-277VAC	13600lm	101 lm/W	14000lm	104 lm/W
145W	347VAC	13600lm	94 lm/W	14000lm	97 lm/W

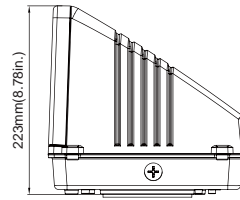
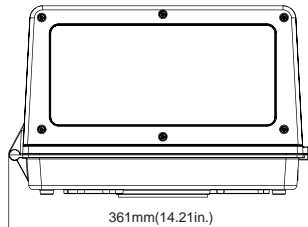
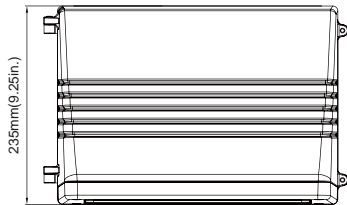
ELECTRICAL DATA

Number Of Drivers	Driver Current (Amps)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	1100	45	120	0.38
		45	208	0.22
		45	240	0.19
		45	277	0.16
		50	347	0.14
1	1750	70	120	0.58
		70	208	0.34
		70	240	0.29
		70	277	0.25
2	2200	75	347	0.22
		90	120	0.75
		90	208	0.43
		90	240	0.38
2	3500	90	277	0.32
		95	347	0.27
		135	120	1.13
		135	208	0.65
		135	240	0.56
2	3500	135	277	0.49
		145	347	0.42

DIMENSION

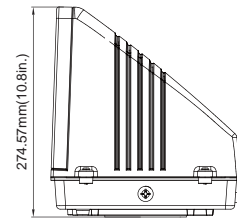
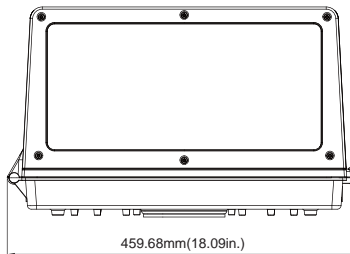
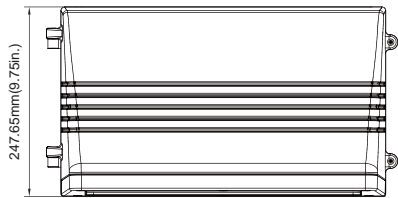
unit: inch/mm

Medium Size



Net Weight
45W: 9.48lb
70W: 9.81lb

Large Size

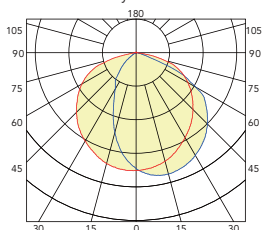


Net Weight
90W: 12.92lb
135W: 13.03lb

PHOTOMETRICS

Medium size

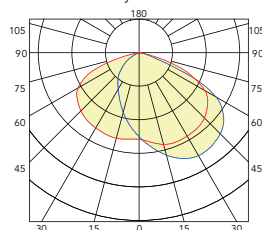
Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 102.7°

Large size

Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 109.7°

ORDERING GUIDE

Example: WPF90W27V40KDP1

Fixture Type	Wattage	Voltage	CCT	Finish	Photocell (Option)
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
WPF Full Cutoff Wall Pack	45 45W 50 50W 70 70W 75 75W 90 90W 95 95W 135 135W 145 145W	12V 120 27V 120-277V /230-277V 34V 347V	40K 4000K 50K 5000K	D Dark Bronze B Black W White	P0 120-277V Photocell P1 120V Photocell P2 277V Photocell Blank Without Photocell

- NOTES: 1. 277V driver operates on 120-277V (50/60 Hz), Specify 120 and 230-277 options only when ordering with photocell.
 2. The Watt is 45W when the voltage is 120-277V, while when it is 347/480V, the watt is 50W.
 3. The Watt is 70W when the voltage is 120-277V, while when it is 347/480V, the watt is 75W.
 4. The Watt is 90W when the voltage is 120-277V, while when it is 347/480V, the watt is 95W.
 5. The Watt is 135W when the voltage is 120-277V, while when it is 347/480V, the watt is 145W.

DLC Model NO.

SYSTEM WATTS	VOLTAGE	CCT	DLC NO.	DLC Classification
45W	120-277V	4000K	WPF45WZZV40KYY	Standard
		5000K	WPF45WZZV50KYY	Standard
50W	347V	4000K	WPF50W34V40KYY	Standard
		5000K	WPF50W34V50KYY	Standard
70W	120-277V	4000K	WPF70WZZV40KYY	Standard
		5000K	WPF70WZZV50KYY	Standard
75W	347V	4000K	WPF75W34V40KYY	Standard
		5000K	WPF75W34V50KYY	Standard
90W	120-277V	4000K	WPF90W[1227]V40KYY	Standard
		5000K	WPF90W[1227]V50KYY	Standard
135W	120-277V	4000K	WPF135W[1227]V40KYY	Standard
		5000K	WPF135W[1227]V50KYY	Standard

MESTER LED LIMITED