



**WPF Full-Cutoff Wall Pack**

**DESCRIPTION**

The WPF full-cut off wall pack provides high performance outdoor illumination in a familiar form factor. An advanced polycarbonate lens provides uniform illumination and reduces glare when compared to traditional lighting sources. The WPF wall pack luminaire is suitable for wet locations and is ideal for pathway illumination, building entrances, vehicle ramps, schools, tunnels, stairways, and loading docks.

**APPLICATIONS**

Commercial, Retail, Institution, Warehouse, and Industrial

**FEATURES**

**Construction**

Rugged, die-cast housing suitable for indoor or outdoor application. Available in Dark Bronze finish. 3G vibration compliant according to ANSI C136.31.

**Optical System**

Polycarbonate optical lens providing a Type III distributions.

**Warranty**

5 Year Warranty.  
See warranty documentation for more information.



Not all products are qualified on the DLC® QPL. To view our DLC® qualified products, please consult the DLC® Qualified Products List at [www.designlights.org/qpl](http://www.designlights.org/qpl).



**WPF**

- 27W (3,750 lm)
- 45W (6,100 lm)
- 70W (9,450 lm)
- 90W (12,200 lm)
- 135W (18,000 lm)

Reported L70: 50,000 hours  
Warranty: 5 Years  
Efficacy: 100+ LpW

**Electrical**

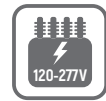
Input Voltage: 120-277VAC  
8W Emergency backup driver available (Only for 27W/45W/70W/90W)

**Installation/ Mounting**

J-Box Mounting and Surface Mounting 1/2" NPT surface mounted conduit

**Controls/Dimming**

Photocell option available.  
Bi-level Occupancy/Daylight Harvesting Sensor available.



120-277VAC



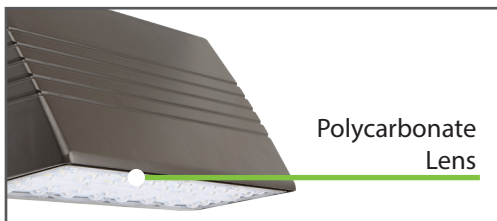
Suitable for Wet Location



Motion Sensor Option



Photocell Option



**Ordering Information**

**EXAMPLE: WPF-45W-50K-U-D-BAA**

Series	Wattage	CCT	Input Voltage	Finish	BAA
WPF	27W 45W 70W 90W 135W	50K - 5000K *40K - 4000K	U - 120-277VAC	D - Dark Bronze	BAA

**Control Option/Accessories**

- WP-PH (Photocell)
- WPF-MS (Bi-level Occupancy/Daylight Harvesting Sensor)
- RC-RC-100 (TGS- Wireless Configuration Tool)
- WPF-EM (8W Emergency Battery Backup - for 45W/70W/90W)

**Optional accessories are purchased separately.**

Specifications and Dimensions subject to change without notice.

\*MOQ and longer lead times may apply, please contact customer service for more information.

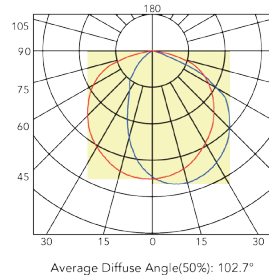
Performance Information

Input Voltage	120-277VAC
Input Frequency	50/60Hz
Wattage	See Performance Table
Delivered Lumens	See Performance Table
Efficacy	See Performance Table
CRI	>80
Available CCT	4000K, 5000K
Reported L70	50,000+ hours
Power Factor	>0.9
THD	<20%
Operating Temp.	-40°~113°F
IP Rating	Suitable for wet location

Photometric Data

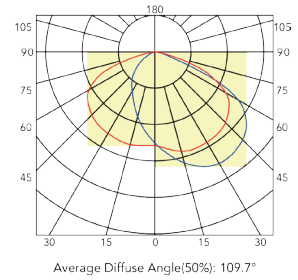
\* IESNA LM-63 IES Available

Medium size  
Luminous Intensity Distribution Curve



27/45W/70W

Large size  
Luminous Intensity Distribution Curve



90W/135W

Performance Table

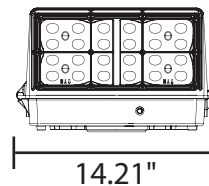
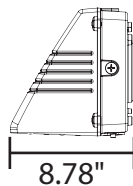
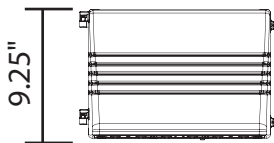
SKU	Wattage (W)	5000K	
		Delivered Lumens (lm)	Efficacy (lm/W)
WPF-27W-50K-U-D-BAA	27	3750	139
WPF-45W-50K-U-D-BAA	45	6100	136
WPF-70W-50K-U-D-BAA	70	9450	135
WPF-90W-50K-U-D-BAA	90	12200	136
WPF-135W-50K-U-D-BAA	135	18000	133

Electrical Load

Wattage (W)	Current (A)			
	120V	208V	240V	277V
	Input Voltage			
27	0.23	0.13	0.11	0.10
45	0.38	0.22	0.19	0.16
70	0.58	0.34	0.29	0.25
90	0.75	0.43	0.38	0.32
135	1.13	0.65	0.56	0.49

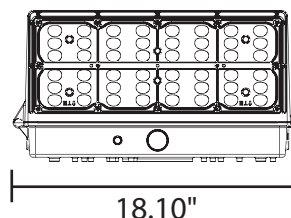
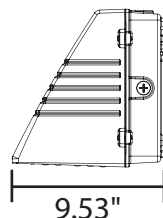
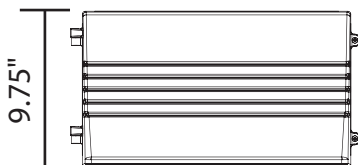
Product Dimensions

27W/45W/70W



(27W) Weight: 6.57 lbs.  
(45W) Weight: 6.94 lbs.  
(70W) Weight: 7.14 lbs.

90W/135W



(90W) Weight: 10.72 lbs.  
(135W) Weight: 11.20 lbs.

## Controls Options



Photocell  
[WPF-PH]



Bi-level Occupancy/  
Daylight Harvesting Sensor  
[WPF-MS]



TGS- Wireless Configuration Tool  
(Sold Separately)  
[RC-RC-100]

## Control Pre-Commissioning

Default settings are indicated by \*

High-end Trim/ Tuning	Sensitivity Range	Time Delay	Daylight Harvesting	Stand-by Light Level Setting	Stand-by Time Setting
70%	20%	10s	<b>*Light sensor disabled</b>	0%	∞
80%	50%	1min	1 FC (10 lux)	<b>*10%</b>	1min
90%	75%	<b>*5min</b>	3 FC (30 lux)	30%	30min
<b>*100%</b>	<b>*100%</b>	15min	5 FC (50 lux)	50%	<b>*60min</b>

### High-End Trim/Tuning:

Setting that determines the maximum lumen output through high-end trim turning, can be reduced by up to 30 percent.

### Sensitivity Range:

Setting that determines the sensitivity range of the motion sensor is when the daylight sensor is disabled.

### Time Delay:

The light can be set to stay ON for any period of time between approx. 10 sec. to a maximum of 60 min. Any movement detected before this time elapse will re-start the timer.

### Daylight Harvesting:

The chosen light response threshold can be disabled or respond when photocell detect foot candle levels 1-5 FC

### Standy-by Light Level:

Setting determines how much lumen output is dimmed down to when no motion is detected.

### Stand-by Time:

Setting determines how long after stand-by light level occurs the light will shut off. Up to 60 minutes.