

# JADEMAR LIGHTING®

## JWP-FC SERIES VANDAL / IMPACT RESISTANT FULL CUT-OFF WALL PACK

**DISCONTINUED**



### Product Description

The JWP-FC Series of Full Cut-Off Wall Packs is designed for maximum adaptability in a vast range of commercial and industrial applications and rugged service environments.

With weatherproof housings, these LED luminaires are a versatile and durable outdoor luminaires. Long-lasting, high-efficiency LEDs provide energy savings and maintenance costs compared to traditional HID Wall Packs.

### Features

- Construction is composed of ADC12 Aluminum Heat Sink with Powder Coat Finish
- Poly-carbonate Optical Lens emits High Lumen Output, Ani-UV Rays and Fire Resistant
- Aluminum LED Board is highly conductive, waterproof, aging resistant, and salt corrosion resistant.

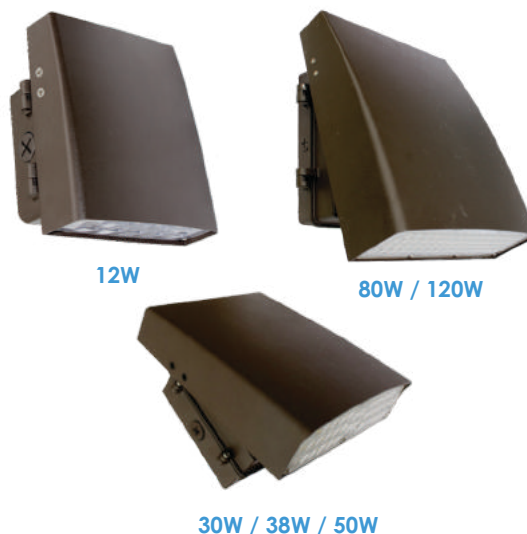
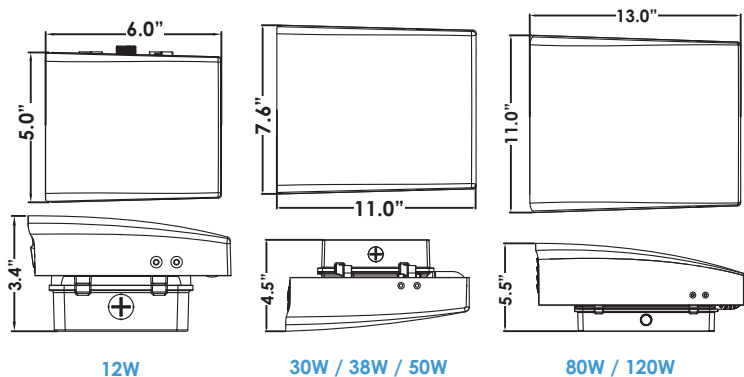
### Certifications & Compliance



### Performance Summary

Input Power	12W / 30W / 38W / 50W / 80W / 120W
Efficacy	124 lm/W Average
CCT Options	4000K / 5000K
Construction	Powder Coat Cast Aluminum Body / UV Stable Polycarbonate Lens
Input Voltage	100-277VAC / 387-480VAC
Control	0-10VDC Dimming for 38W, 80W, 100W, 120W Knockout for Dusk-to-Dawn Photo Sensor
Ingress Protection	IP65
Lifetime Based on TM21	L70 @ 187,000Hrs / L80 @ 162,000Hrs / L90 @ 138,000Hrs
Certifications & Compliance	UL / cUL / DLC Premium/ FCC
Warranty	10 Years

### Product Dimensions



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Information contained herein is subject to change without notice.  
Values are nominal.  
Revised 02/2022



## SPECIFICATION SUBMITTAL DETAIL

Project Name/Type:		Date:
Catalog/Part #:		

### JWP-FC SERIES VANDAL / IMPACT RESISTANT FULL CUT-OFF WALL PACK

Ordering Information / Example: [JWP-FC-38W-H-40K-D-BZ](#)

Product	Input Voltage	CCT/Color Temp.	Controls & Dimming	Finish
JWP-FC-12W JWP-FC-30W JWP-FC-38W JWP-FC-50W JWP-FC-80W JWP-FC-120W	Blank (120-277V)  H (347-480V)* *38W Only	40K (4000K) 50K (5000K)	N - (Non Dim 12W, 30W, 50W) D - (0-10V Dimming 38W, 80W & 120W) PC (Photocell ON/OFF, 120V-277V)	BZ (Bronze) Standard B (Black) WH (white) <i>Special Order</i>

#### Field Installed Options

PC	Photocell ON/OFF, 120V-277V
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#### Electrical and Performance Data Table

Model	JWP-FC-12W	JWP-FC-30W	JWP-FC-38W-H	JWP-FC-50W	JWP-FC-80W	JWP-FC-120W
Nominal Watts	12W	30W	38W	50W	80W	120W
Nominal Efficacy (lm/W)	113.09	121.93	127.69	123.92	130.98	126.39
Lumens @ 4000K (Type 3)	1,367	3,612	4,551	6,147	10,336	14,901
Lumens @ 5000K (Type 3)	1,368	3,667	4,606	6,206	10,507	15,113
Luminaire Dimensions (L x W)	6" x 5" x 3.4"	11" x 7.6" x 4.5"			13" x 11" x 5.5"	
Weight	3.03 lbs.	7.15 lbs.			11.58 lbs.	
Input Voltage	120-277VAC		347-480VAC	120-277VAC		
Power Factor	>0.93					
CCT	4000K / 5000K					
CRI	>73.5					
Ambient Working Temp.	-20°C ~+40°C (-4°F ~ +104°F)					
THD @ 120VAC	≥13%					
BUG Rating	B1-U0-G0					
Lifetime Based on TM21	L70 @ 187,000Hrs / L80 @ 162,000Hrs / L90 @ 138,000Hrs					
Ingress Protection (IP)	IP65 Rated					
Standard Control Specification	N/A	0-10V Dimming		N/A	0-10V Dimming	
Beam Angle	80° x 100°					
Construction	Powder Coat Cast Aluminum / UV Stable Polycarbonate Lens					
Certifications & Compliance	UL / DLC Listed/ FCC/ RoHS					
Limited Warranty	10 Years Limited Warranty					



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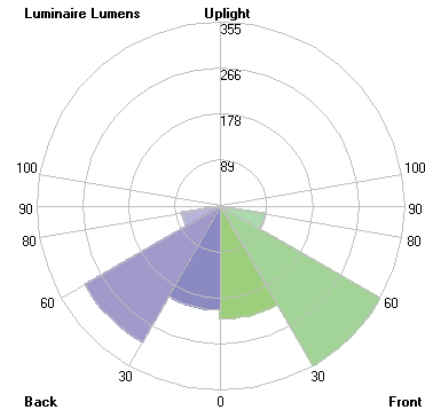
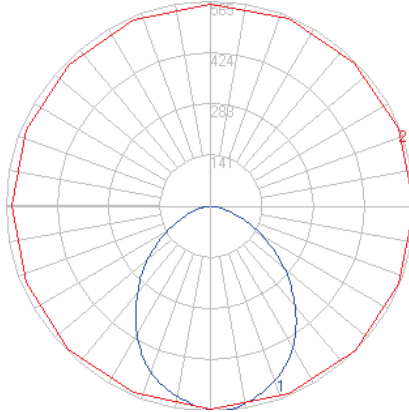
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### PHOTOMETRIC DETAIL

#### JWP-FC-12W

##### Lum. Classification System (LCS)

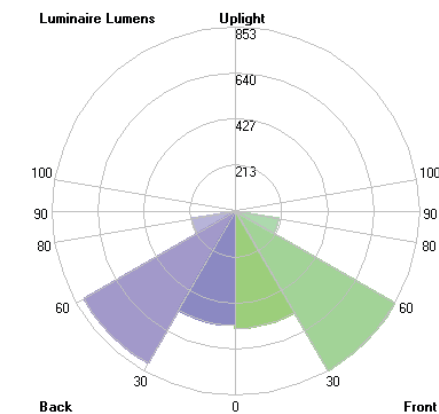
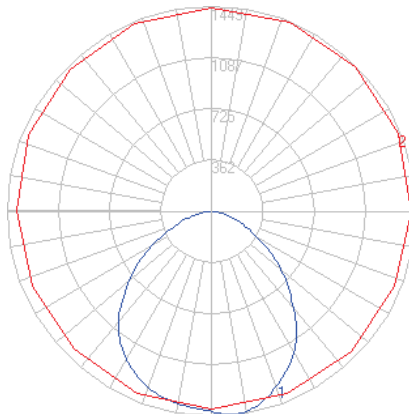
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	217.7	N.A.	17.4
FM (30-60)	355.1	N.A.	28.4
FH (60-80)	86.2	N.A.	6.9
FVH (80-90)	3.8	N.A.	0.3
BL (0-30)	200.4	N.A.	16.0
BM (30-60)	302.9	N.A.	24.2
BH (60-80)	76.3	N.A.	6.1
BVH (80-90)	7.5	N.A.	0.6
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
<b>Total</b>	<b>1249.9</b>	<b>N.A.</b>	<b>100.0</b>
<b>BUG Rating</b>	<b>B1-U0-G0</b>		



#### JWP-FC-30W

##### Lum. Classification System (LCS)

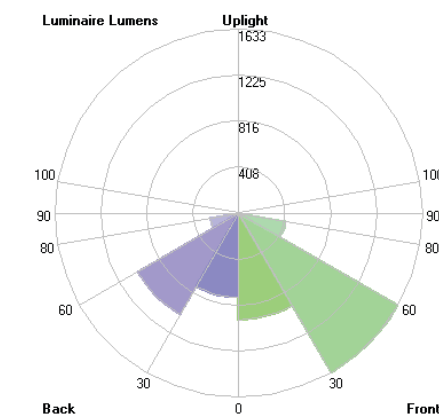
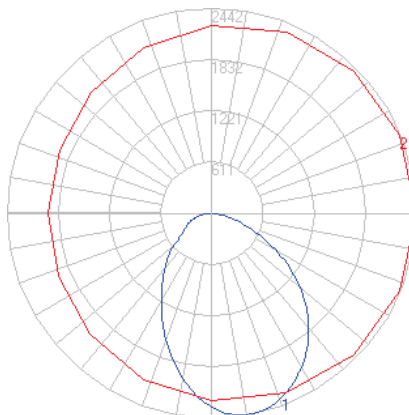
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	544.3	N.A.	17.1
FM (30-60)	853.4	N.A.	26.8
FH (60-80)	202.7	N.A.	6.4
FVH (80-90)	8.2	N.A.	0.3
BL (0-30)	531.1	N.A.	16.7
BM (30-60)	815.3	N.A.	25.6
BH (60-80)	206.0	N.A.	6.5
BVH (80-90)	19.8	N.A.	0.6
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
<b>Total</b>	<b>3180.8</b>	<b>N.A.</b>	<b>100.0</b>
<b>BUG Rating</b>	<b>B2-U0-G1</b>		



#### JWP-FC-50W

##### Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	945.4	N.A.	18.5
FM (30-60)	1632.8	N.A.	32.0
FH (60-80)	424.5	N.A.	8.3
FVH (80-90)	24.0	N.A.	0.5
BL (0-30)	751.2	N.A.	14.7
BM (30-60)	1037.7	N.A.	20.4
BH (60-80)	256.9	N.A.	5.0
BVH (80-90)	26.4	N.A.	0.5
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
<b>Total</b>	<b>5098.9</b>	<b>N.A.</b>	<b>100.0</b>
<b>BUG Rating</b>	<b>B2-U0-G1</b>		

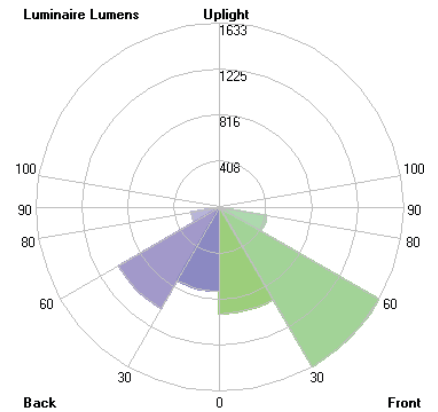
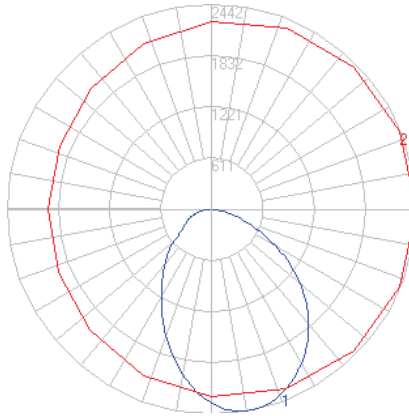


### PHOTOMETRIC DETAIL

#### JWP-FC-80W

##### Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	1480.0	N.A.	16.7
FM (30-60)	2551.9	N.A.	28.8
FH (60-80)	663.7	N.A.	7.5
FVH (80-90)	38.3	N.A.	0.4
BL (0-30)	1530.7	N.A.	17.3
BM (30-60)	2066.3	N.A.	23.3
BH (60-80)	492.8	N.A.	5.6
BVH (80-90)	47.0	N.A.	0.5
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
<b>Total</b>	<b>8870.7</b>	<b>N.A.</b>	<b>100.0</b>
<b>BUG Rating</b>	<b>B3-U0-G1</b>		



#### JWP-FC-120W

##### Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	2262.7	N.A.	16.2
FM (30-60)	3861.2	N.A.	27.7
FH (60-80)	1032.3	N.A.	7.4
FVH (80-90)	63.7	N.A.	0.5
BL (0-30)	2417.6	N.A.	17.3
BM (30-60)	3483.8	N.A.	25.0
BH (60-80)	760.8	N.A.	5.5
BVH (80-90)	66.3	N.A.	0.5
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
<b>Total</b>	<b>13948.4</b>	<b>N.A.</b>	<b>100.0</b>
<b>BUG Rating</b>	<b>B3-U0-G2</b>		

