

# TRADITIONAL WALL PACK 28W-120W DLC 4.3

naturaLED® TWP traditional wallpack comes in rugged cast-aluminum housing with excellent thermal design. DesignLights Consortium qualified, our TWP product offers a popular classic appearance for your needs.

Delivering up to 15,000 lumens by replacing up to 750-watt metal halide luminaires, with energy savings up to 80%. The traditional shape maintains an aesthetic appearance and will replace any building's wall pack or perimeter lighting.

Our TWP is ideal for outdoor applications such as carpools, loading areas, driveways, parking area and pathways. Designed for wall mounting above four feet from ground.



## Features & Benefits

- ▶ DLC Standard/Premium Qualified
- ▶ L70 Rated Chip for over 100,000 projected life hours
- ▶ Uniform and consistent color: ANSI C78.377-2017
- ▶ UL 1598 for use in wet locations
- ▶ IP65 Rated
- ▶ Excellent thermal design
- ▶ Photocell Sensor Compatible
- ▶ Microwave Sensor Compatible
- ▶ LED Emergency Drivers Compatible
- ▶ 2KV - 6KV Surge Protection
- ▶ Corrosion resistant powder coating
- ▶ Material: Die Cast Aluminum
- ▶ Lens: Borosilicate Glass Lens

## Specifications

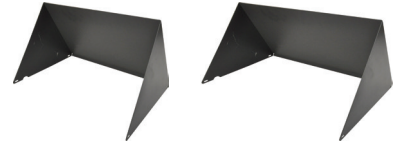
- ▶ Input line voltage: 120-277V
- ▶ Power Factor: >0.9
- ▶ THD: <20%
- ▶ Dimmable: 0-10V
- ▶ Beam: Forward Throw
- ▶ Color Temp: 3000K, 4000K, 5000K
- ▶ Operating temperature: -22°F - 131°F
- ▶ Finish: Dark Bronze

## Applications

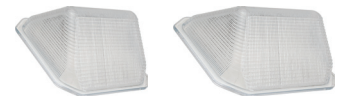
- ▶ Security Lighting
- ▶ Pathway Lighting
- ▶ Perimeter Lighting
- ▶ Entryway Lighting
- ▶ Area Lighting

## Optional Accessories (Available for purchase)

- ▶ Cut Off Shield



- ▶ Replacement Borosilicate Glass Lens Gasket



- ▶ Photocell



- ▶ Emergency Driver



- ▶ Microwave Sensor



**Ordering Information**

\*P= DLC Premium / S = Standard DLC

Code	Description	CCT	Watt	Lumen	Equip Wattage	Color	Voltage	Rated Hrs	Dimmability	IP65	DLC
7756	*LED-FXTWP28/30K/DB	3000K	28	3,000	175W	D. Bronze	120-277	50,000	0-10V	•	-
7466	*LED-FXTWP28/40K/DB	4000K	28	3,000	175W	D. Bronze	120-277	50,000	0-10V	•	S
7467	*LED-FXTWP28/50K/DB	5000K	28	3,000	175W	D. Bronze	120-277	50,000	0-10V	•	S
7076	LED-FXTWP42/40K/DB	4000K	42	5,017	175-250W	D. Bronze	120-277	50,000	0-10V	•	S
7077	LED-FXTWP42/50K/DB	5000K	42	5,150	175-250W	D. Bronze	120-277	50,000	0-10V	•	S
7088	LED-FXTWP60/40K/DB	4000K	60	7,449	250-400W	D. Bronze	120-277	50,000	0-10V	•	S
7089	LED-FXTWP60/50K/DB	5000K	60	7,706	250-400W	D. Bronze	120-277	50,000	0-10V	•	S
7765	LED-FXTWP95/40K/DB	4000K	95	12,068	400-575W	D. Bronze	120-277	50,000	0-10V	•	S
7766	LED-FXTWP95/50K/DB	5000K	95	12,615	400-575W	D. Bronze	120-277	50,000	0-10V	•	S
7767	LED-FXTWP120/40K/DB	4000K	120	15,010	400-750W	D. Bronze	120-277	50,000	0-10V	•	S
7768	LED-FXTWP120/50K/DB	5000K	120	15,498	400-750W	D. Bronze	120-277	50,000	0-10V	•	S
7775	LED-FXTWP38/40K/DB	4000K	38	5,661	250-400W	D. Bronze	120-277	50,000	0-10V	•	P
7776	LED-FXTWP38/50K/DB	5000K	38	5,807	250-400W	D. Bronze	120-277	50,000	0-10V	•	P
7777	LED-FXTWP55/40K/DB	4000K	55	8,404	400-575W	D. Bronze	120-277	50,000	0-10V	•	P
7778	LED-FXTWP55/50K/DB	5000K	55	8,459	400-575W	D. Bronze	120-277	50,000	0-10V	•	P

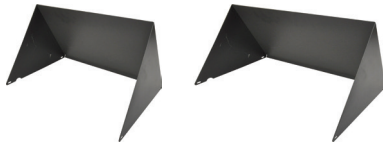
Standard

Premium

\*Visor included

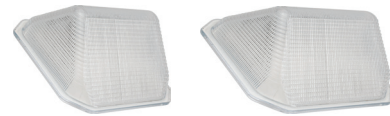
**Accessories (available for purchase)**

**Cut Off Shield**



P10022	CVR-TWP-MEDIUM/DB	Full Cut-Off Shield for 38,42,55,60W
P10023	CVR-TWP-LARGE/DB	Full Cut-Off Shield for 95,120W

**Replacement Glass Lens**



P10002	LENS-TWP-SMALL	Lens Gasket for 28W
P10000	LENS-TWP-MEDIUM	Lens Gasket for 38,42,55,60W
P10001	LENS-TWP-LARGE	Lens Gasket for 95, 120W

**Photocell**



P10036	SEN-PHO-BT-MT/MV	Button Photocell 120-277V
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**EM Driver**



7334	BAEM15-48BC/MV-A	Emergency Driver
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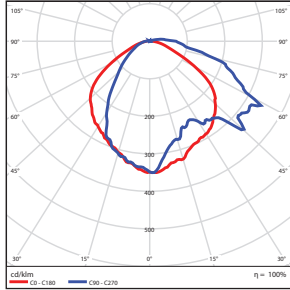
**Sensor**



P10091	SEN-UM05/ANT5	Microwave Sensor
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**Photometric Data**

**28 Watt-Standard**



**Zonal Lumen Summary**

Zone	Lumens	% Luminaire
0-30	718.41	23.90
0-40	1169.04	38.90
0-60	2162.92	71.90
60-80	643.09	21.40
70-80	248.98	8.30
90-120	76.78	2.60
90-180	81.02	2.70
0-180	3008.65	100.00

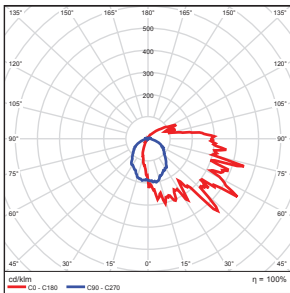
Total Luminaire Efficiency = 100.00%

**Illuminance at a Distance**

	Center Beam fc	Beam Width	
5.0ft	41.9 fc	14.6 ft	15.0 ft
10.0ft	10.5 fc	29.1 ft	30.0 ft
15.0ft	4.66 fc	43.7 ft	45.0 ft
20.0ft	2.62 fc	58.3 ft	59.9 ft
25.0ft	1.68 fc	72.9 ft	74.9 ft
30.0ft	1.17 fc	87.4 ft	89.9 ft

■ Vert. Spread: 111.1°  
■ Horiz. Spread: 112.6°

**42 Watt-Standard**



**Zonal Lumen Summary**

Zone	Lumens	% Luminaire
0-30	713.62	15.00
0-40	1152.94	24.20
0-60	2254.43	47.20
60-80	1183.71	24.80
70-80	571.39	12.00
90-120	662.15	13.90
90-180	835.43	17.50
0-180	4771.71	100.00

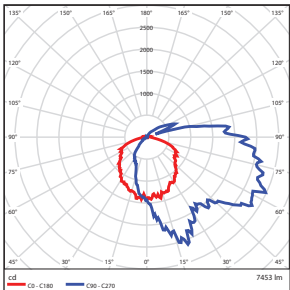
Total Luminaire Efficiency = 100.00%

**Illuminance at a Distance**

	Center Beam fc	Beam Width	
2.5ft	144 fc	5.1 ft	4.4 ft
5.0ft	36.0 fc	10.1 ft	8.8 ft
7.5ft	16.0 fc	15.2 ft	13.2 ft
10.0ft	9.00 fc	20.3 ft	17.6 ft
12.5ft	5.76 fc	25.4 ft	21.9 ft
15.0ft	4.00 fc	30.4 ft	26.3 ft

■ Vert. Spread: 90.8°  
■ Horiz. Spread: 82.6°

**60 Watt-Standard**



**Zonal Lumen Summary**

Zone	Lumens	% Luminaire
0-30	1235.96	16.60
0-40	2033.01	27.30
0-60	3809.79	51.10
60-80	1847.46	24.80
70-80	884.61	11.90
90-120	892.14	12.00
90-180	1056.48	14.20
0-180	7452.82	100.00

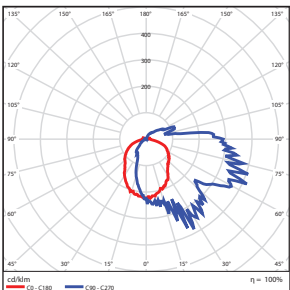
Total Luminaire Efficiency = 100.00%

**Illuminance at a Distance**

	Center Beam fc	Beam Width	
2.5ft	229 fc	3.1 ft	
5.0ft	57.2 fc	6.2 ft	
7.5ft	25.4 fc	9.3 ft	
10.0ft	14.3 fc	12.3 ft	
12.5ft	9.16 fc	15.4 ft	
15.0ft	6.36 fc	18.5 ft	

■ Horiz. Spread: 63.3°

**95 Watt-Standard**



**Zonal Lumen Summary**

Zone	Lumens	% Luminaire
0-30	1959.43	16.30
0-40	3269.52	27.10
0-60	6124.57	50.80
60-80	2944.8	24.40
70-80	1424.81	11.80
90-120	1420.99	11.80
90-180	1794.04	14.90
0-180	12057.97	100.00

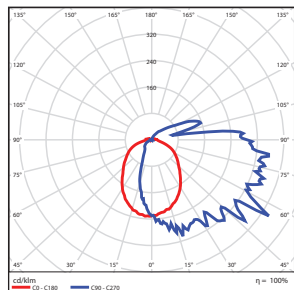
Total Luminaire Efficiency = 100.00%

**Illuminance at a Distance**

	Center Beam fc	Beam Width	
2.5ft	434 fc	3.3 ft	
5.0ft	109 fc	6.7 ft	
7.5ft	48.3 fc	10.0 ft	
10.0ft	27.1 fc	13.3 ft	
12.5ft	17.4 fc	16.7 ft	
15.0ft	12.1 fc	20.0 ft	

■ Horiz. Spread: 67.3°

120 Watt-Standard



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	2480.54	16.50
0-40	3972.91	26.50
0-60	7502.85	50.00
60-80	3553.00	23.70
70-80	1724.59	11.50
90-120	1958.4	13.00
90-180	2417.4	16.10
0-180	15012.97	100.00

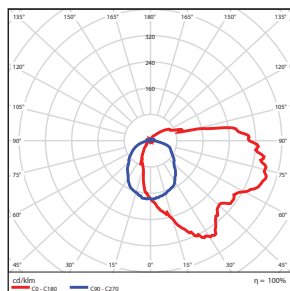
Total Luminaire Efficiency = 100.00%

Illuminance at a Distance

	Center Beam fc	Beam Width
2.5ft	552 fc	3.0 ft
5.0ft	138 fc	6.0 ft
7.5ft	61.4 fc	9.0 ft
10.0ft	34.5 fc	12.0 ft
12.5ft	22.1 fc	15.0 ft
15.0ft	15.3 fc	18.0 ft

■ Horiz. Spread: 61.9°

38 Watt-Premium



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	806.48	14.00
0-40	1393.63	24.10
0-60	2703.01	46.80
60-80	1347.11	23.30
70-80	667.28	11.50
90-120	949.20	16.40
90-180	1133.97	19.60
0-180	5779.87	100.00

Total Luminaire Efficiency = 100.00%

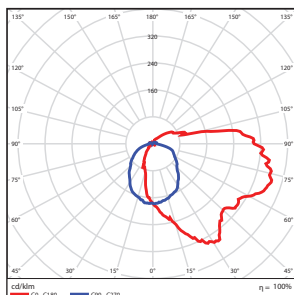
Illuminance at a Distance

	Center Beam fc	Beam Width
2.5ft	163 fc	5.9 ft 5.1 ft
5.0ft	40.9 fc	11.8 ft 10.2 ft
7.5ft	18.2 fc	17.7 ft 15.3 ft
10.0ft	10.2 fc	23.7 ft 20.3 ft
12.5ft	6.54 fc	29.6 ft 25.4 ft
15.0ft	4.54 fc	35.5 ft 30.5 ft

■ Vert. Spread: 99.6°

■ Horiz. Spread: 91.0°

55 Watt-Premium



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1280.5	15.30
0-40	2174.76	25.90
0-60	4099.41	48.90
60-80	1985.31	23.70
70-80	967.15	11.50
90-120	1272.13	15.20
90-180	1471.33	17.60
0-180	8381.69	100.00

Total Luminaire Efficiency = 100.00%

Illuminance at a Distance

	Center Beam fc	Beam Width
2.5ft	259 fc	6.6 ft 6.7 ft
5.0ft	64.7 fc	13.2 ft 13.3 ft
7.5ft	28.7 fc	19.8 ft 20.0 ft
10.0ft	16.2 fc	26.3 ft 26.6 ft
12.5ft	10.3 fc	32.9 ft 33.3 ft
15.0ft	7.18 fc	39.5 ft 39.9 ft

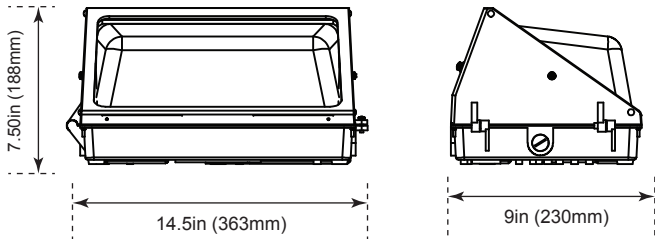
■ Vert. Spread: 105.6°

■ Horiz. Spread: 106.2°

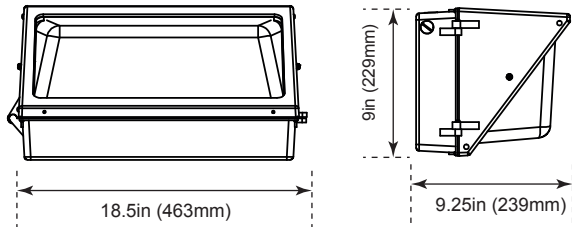
Product Dimensions

Standard

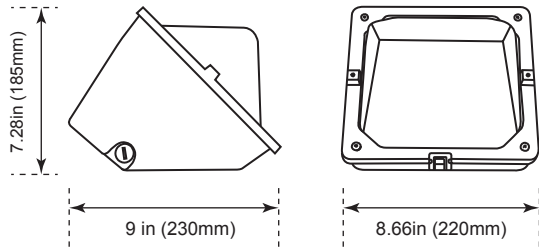
42 / 60 Watt



95 / 120 Watt

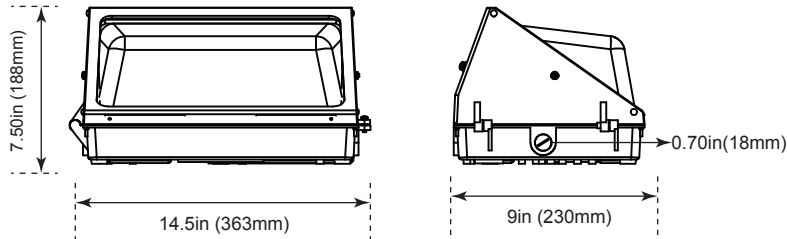


28 Watt



Premium

38/55 Watt



Package

