

# FLEDWPC20W/30W 20 & 30 Watt LED Area Light



Project:	
Type:	
Catalog #:	



## STANDARD



The FLEDWPC20W/30W is a contemporary, commercial-grade area luminaire, which can be wall-ground- or pole-mounted to provide outdoor perimeter, area, and floodlighting. With a die cast aluminum housing and a tempered glass lens, the FLEDWPC20W/30W will stand up to many years of punishing environmental conditions. High-efficacy, long-life LEDs provide both energy and maintenance cost savings compared to traditional, HID area lights.

## FEATURES

- Available in 4000k (neutral white) and 5000k (cool white) color temperatures.\*
- Long-life LEDs provide 102,000 (FLEDWPC20W) or 79,000 (FLEDWPC30W) hours of operation with at least 70% of initial lumen output ( $L_{70}$ ).<sup>\*\*</sup>
- FLEDWPC20W delivers 1,765 lumens and 84 lumens per watt (LPW) at 4000k, and 1,874 lumens and 89 LPW at 5000k.\*
- FLEDWPC30W delivers 2,688 lumens and 90 LPW at both 4000k and 5000k.\*
- Universal 100-277 AC voltage (50-60Hz) is standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.
- Die cast aluminum housing with durable, dark bronze, powder coat paint.
- Tempered glass lens.
- Removable, threaded plugs for side attachment of 1/2" rigid electrical conduit, or for button photocells.
- Easy installation in new construction or retrofit.

\* Contact factory for other color temperatures and lumen packages.

\*\*  $L_{70}$  hours are IES TM-21-11 calculated hours.

## WARRANTY & LISTINGS

- cULus listed for wet locations (-20°C to 40°C / -4°F to 104°F)
- IP65 rated.
- DLC approved.
- Tested and approved to UL1598, UL8750 and IEC60598 safety standards.
- 5-year warranty on all electronics and housing.

## MOUNTING OPTIONS

- Wall-mount plate is standard.
- Trunnion-mount option provides secure attachment to flat surfaces.
- Die-cast knuckle-mount option is installed on a junction box. Includes 1/2" NPS stem with locking nut.

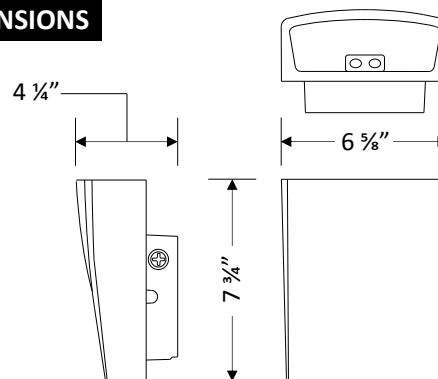


Trunnion Mount  
(LEDWPC-TM)



Knuckle Mount  
(LEDWPC-KM)

## DIMENSIONS



Example: FLEDWPC20W-4K + LEDWPC-TM

Model	Luminaire Watts	Luminaire Lumens	Lumens Per Watt	Color Temperature	Mounting Options (Order Separately)
FLEDWPC20W-4K	21	1,765	84	4K = 4000k	Trunnion Mount — LEDWPC-TM Knuckle Mount — LEDWPC-KM
FLEDWPC20W-5K	21	1,874	89	5K = 5000k	
FLEDWPC30W-4K	30	2,688	90	4K = 4000k	
FLEDWPC30W-5K	30	2,688	90	5K = 5000k	

# FLEDWPC20W/30W 20 & 30 Watt LED Area Light



## ELECTRICAL

Model	Color Temperature	CRI <sup>1</sup>	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Input Voltage	Input Current (A)			Power Factor	THD <sup>2</sup>	L <sub>70</sub> Hours <sup>3</sup>
							120V	240V	277V			
FLEDWPC20W-4K	4000k	> 80	1,765	21	84	120-277 (50-60Hz)	0.18	0.09	0.08	> 90%	< 20%	102,000
FLEDWPC20W-5K	5000k	> 80	1,874	21	89	120-277 (50-60Hz)	0.18	0.09	0.08	> 90%	< 20%	102,000
FLEDWPC30W-4K	4000k	> 80	2,688	30	90	120-277 (50-60Hz)	0.25	0.13	0.11	> 90%	< 20%	79,000
FLEDWPC30W-5K	5000k	> 80	2,688	30	90	120-277 (50-60Hz)	0.25	0.13	0.11	> 90%	< 20%	79,000

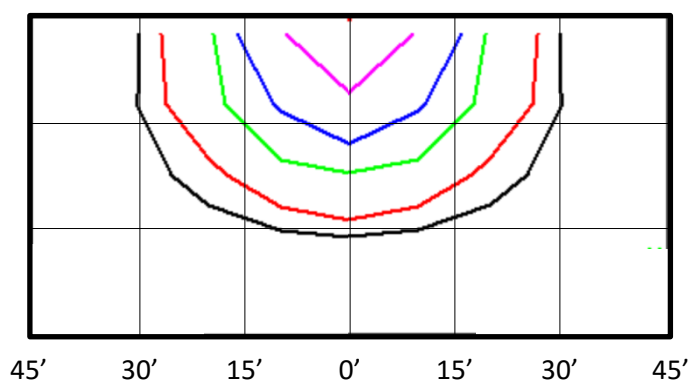
<sup>1</sup> Color rendering index

<sup>2</sup> Total harmonic distortion

<sup>3</sup> L<sub>70</sub> refers to the number of hours at which lumen output declines to 70% of the initial level. L<sub>70</sub> hours are IES TM-21-11 calculated hours.

## PHOTOMETRIC DATA

FLEDWPC20W-4K (1,765 Lumens)



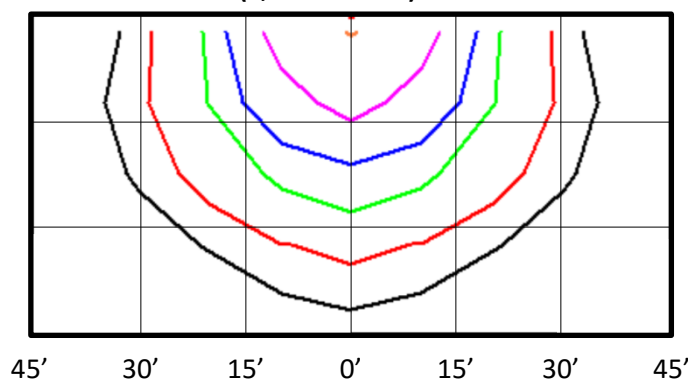
Luminaire Orientation:



### BUG Rating: B1-U1-G0

Zone	Lumens	%
FL - Front - Low (0-30)	363	21%
FM - Front - Medium (30-60)	743	42%
FH - Front - High (60-80)	123	7%
FVH - Front - Very High (80-90)	1	0%
<b>Total Forward Light</b>	<b>1,230</b>	<b>70%</b>
BL - Back - Low (0-30)	297	17%
BM - Back - Medium (30-60)	218	12%
BH - Back - High (60-80)	19	1%
BVH - Back - Very High (80-90)	0	0%
<b>Total Back Light</b>	<b>534</b>	<b>30%</b>
UL - Up Light - Low (90-100)	0	0%
UH - Up Light - High (100-180)	1	0%
<b>Total Up Light</b>	<b>1</b>	<b>0%</b>
<b>Total Lumens</b>	<b>1,765</b>	<b>100%</b>

FLEDWPC30W-4K (2,688 Lumens)



Luminaire Orientation:



### BUG Rating: B1-U1-G0

Zone	Lumens	%
FL - Front - Low (0-30)	513	19%
FM - Front - Medium (30-60)	1,103	41%
FH - Front - High (60-80)	301	11%
FVH - Front - Very High (80-90)	1	0%
<b>Total Forward Light</b>	<b>1,919</b>	<b>71%</b>
BL - Back - Low (0-30)	399	15%
BM - Back - Medium (30-60)	341	13%
BH - Back - High (60-80)	27	1%
BVH - Back - Very High (80-90)	1	0%
<b>Total Back Light</b>	<b>767</b>	<b>29%</b>
UL - Up Light - Low (90-100)	0	0%
UH - Up Light - High (100-180)	2	0%
<b>Total Up Light</b>	<b>2</b>	<b>0%</b>
<b>Total Lumens</b>	<b>2,688</b>	<b>100%</b>

### Foot Candles



### Notes:

- Isofootcandle plots depict initial footcandles at grade.
- Gridlines represent units of mounting height of 15 feet.