



Certification Information



3000K

4000K

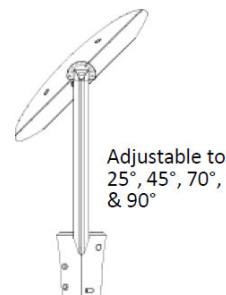
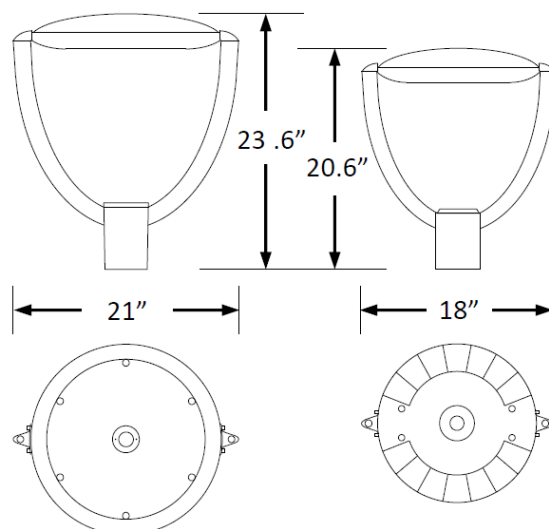
5000K

Catalog #	Type
Project	
Comments	Date
Prepared by	

WARRANTY & LISTINGS

- cULus listed for wet locations in ambient temperatures from -30°C to 45°C (-22°F to 113°F).
- IP65 rated for ingress protection.
- DLC 5.1 premium approved.
- Complies with FCC Part 15, class B.
- Complies with ICE61000-4-5, input transient surge protection (2-6kV).
- Complies with RoHS (Restriction on Hazardous Substances) requirements.
- 5-year warranty of all electronics and housing.

DIMENSIONS



Adjustable to
25°, 45°, 70°, & 90°



FEATURES

- Available in 3000k (warm white), 4000k (neutral white), and 5000k (cool white) color temperature.*
- Adjustable from 0°-90°.
- Long-life LEDs provide at least 70% of initial lumen output (L70) for >174,000hours of operation, and at least 90% of initial lumen output (L90) for >51,000 hours of operation.**
- LED chromaticity based on <6-step ANSI quadrangles.
- LED color maintenance <0.002 chromaticity shift ($\Delta u'v'$) over the initial 6,000 hours of operation.
- IL-PTFR provides a range of 7,000 to 20,000 nominal lumens and uses 52 to 152 nominal watts
- 1-10vdc dimming drivers, which provide 10% continuous dimming are standard.
- Universal 120-277 AC voltage (50-60Hz) is standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index (Ra) > 80. Red color rendering of at least 0.
- Aluminum housing with dark bronze powder coat finish.
- IL-PTFR-7L & 10L = glass lens. PTFR-20L = polycarbonate lens.
- Factory installed NEMA photocell receptacle & shorting cap options available. NEMA photocells are available as accessories (order separately).
- Compatible with 2" -2T78" pole/tenons.
- Easy installation in new construction or retrofit applications.

ORDERING INFORMATION

Model	Nominal Lumen Output	Color Temperature	Photocell Receptacle	Accessories (Order Separately)
IL- PTFR	7L- 7,000 lumens 10L- 10,000 lumens 20L- 20,000 lumens	3K- 3000k 4K- 4000k 5K- 5000k	P- NEMA photocell receptacle Blank - No receptacle	JL-205C23-IP65 NEMA Photocell

ELECTRICAL DATA

Model	CCT	CRI1	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Input Voltage2	Input Current (A)			Power Factor		L70Hours4
							120V	240V	277V			
IL-PTFR-7L-3K	3000k	> 80	6,662	52	128	120-277	0.43	0.22	0.19	> 90%	< 20%	174,000
IL-PTFR-7L-4K	4000k	> 80	6,785	52	130	120-277	0.43	0.22	0.19	> 90%	< 20%	174,000
IL-PTFR-7L-5K	5000k	> 80	6,887	52	132	120-277	0.43	0.22	0.19	> 90%	< 20%	174,000
IL-PTFR-10L-3K	3000k	> 80	9,713	77	126	120-277	0.64	0.32	0.28	> 90%	< 20%	174,000
IL-PTFR-10L-4K	4000k	> 80	9,883	77	128	120-277	0.64	0.32	0.28	> 90%	< 20%	174,000
IL-PTFR-10L-5K	5000k	> 80	10,025	77	130	120-277	0.64	0.32	0.28	> 90%	< 20%	174,000
IL-PTFR-20L-3K	3000k	> 80	19,764	152	130	120-277	1.27	0.63	0.55	> 90%	< 20%	174,000
IL-PTFR-20L-4K	4000k	> 80	20,034	151	133	120-277	1.26	0.63	0.55	> 90%	< 20%	174,000
IL-PTFR-20L-5K	5000k	> 80	20,259	151	134	120-277	1.26	0.63	0.55	> 90%	< 20%	174,000

PHOTOMETRIC DATA

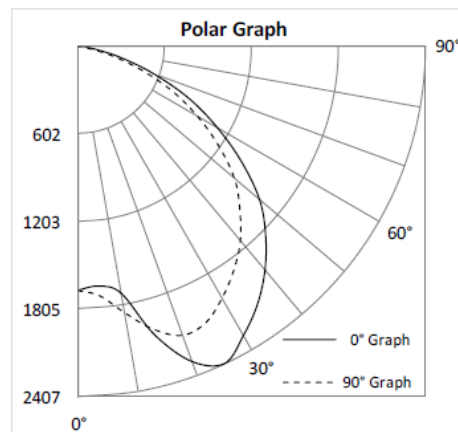
IL-PTFR-7L-3K

Luminaire Data

Description	Post Top Luminaire 7L, 3K
Total Lumens	6,662
Input Wattage	52
Efficacy (lm/W)	128
Max. Cd.	2423.24 (337.5H, 25V)
IES Classification	Type VS
Longitudinal Classification	Very Short

Luminaire Classification Systems (LCS)

LCS Zone		Lumens	%Lum
FL	0-30	857	12.9%
FM	30-60	1,897	28.5%
FH	60-80	555	8.3%
FVH	80-90	20	0.3%
BL	0-30	838	12.6%
BM	30-60	1,880	28.2%
BH	60-80	552	8.3%
BVH	80-90	19	0.3%
UL	90-100	7	0.1%
UH	100-180	38	0.6%
Total		6,662	100.0%
BUG Rating		B2-U2-G1	



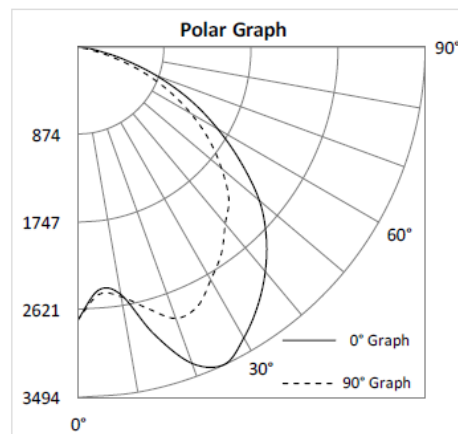
IL-PTFR-10L-3K

Luminaire Data

Description	Post Top Luminaire 10L, 3K
Total Lumens	9,713
Input Wattage	77
Efficacy (lm/W)	127
Max. Cd.	3568.51 (157.5H, 23V)
IES Classification	Type VS
Longitudinal Classification	Very Short

Luminaire Classification Systems (LCS)

LCS Zone		Lumens	%Lum
FL	0-30	1,233	12.7%
FM	30-60	2,731	28.1%
FH	60-80	818	8.4%
FVH	80-90	29	0.3%
BL	0-30	1,267	13.0%
BM	30-60	2,746	28.3%
BH	60-80	803	8.3%
BVH	80-90	27	0.3%
UL	90-100	9	0.1%
UH	100-180	51	0.5%
Total		9,713	100.0%
BUG Rating		B3-U3-G1	



PHOTOMETRIC DATA

IL-PTFR-20L-3K

Luminaire Data

Description	Post Top Luminaire 20L, 3K
Total Lumens	19,764
Input Wattage	152
Efficacy (lm/W)	130
Max. Cd.	8500.71 (157.5H, 26V)
IES Classification	Type VS
Longitudinal Classification	Very Short

Luminaire Classification Systems (LCS)

LCS Zone		Lumens	%Lum
FL	0-30	3,029	15.3%
FM	30-60	5,690	28.8%
FH	60-80	961	4.9%
FVH	80-90	60	0.3%
BL	0-30	3,054	15.5%
BM	30-60	5,737	29.0%
BH	60-80	974	4.9%
BVH	80-90	60	0.3%
UL	90-100	31	0.2%
UH	100-180	167	0.8%
Total		19,764	100.0%
BUG Rating		B4-U3-G1	

