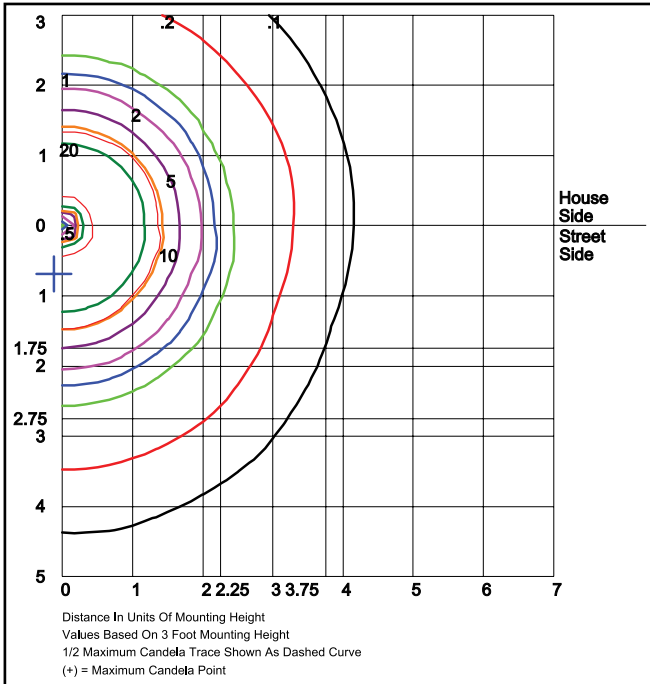




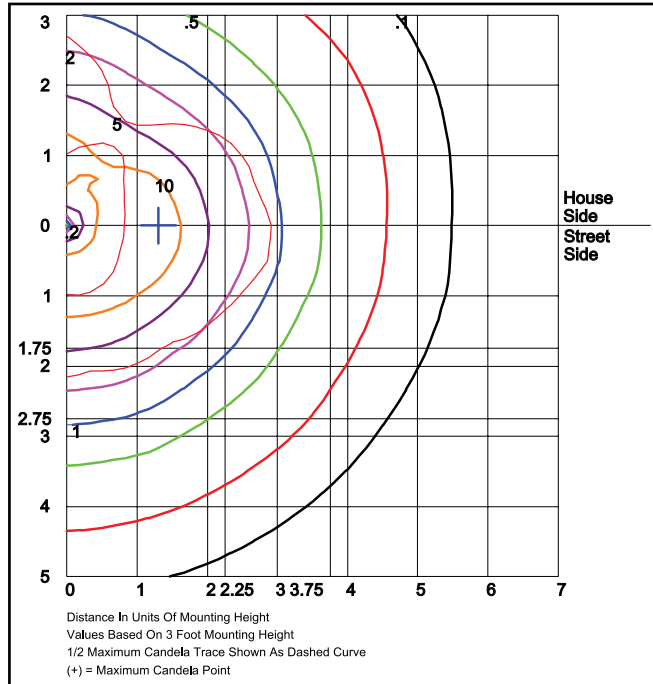


## Photometric Data



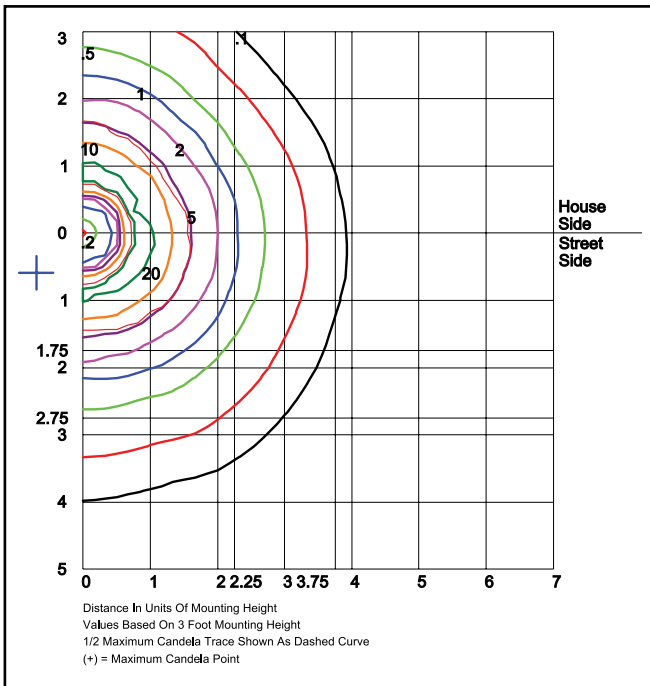
**BFRW22U5K & BFRF22U5K**  
Type V

Grid in feet, Mounting Height = 3 ft.



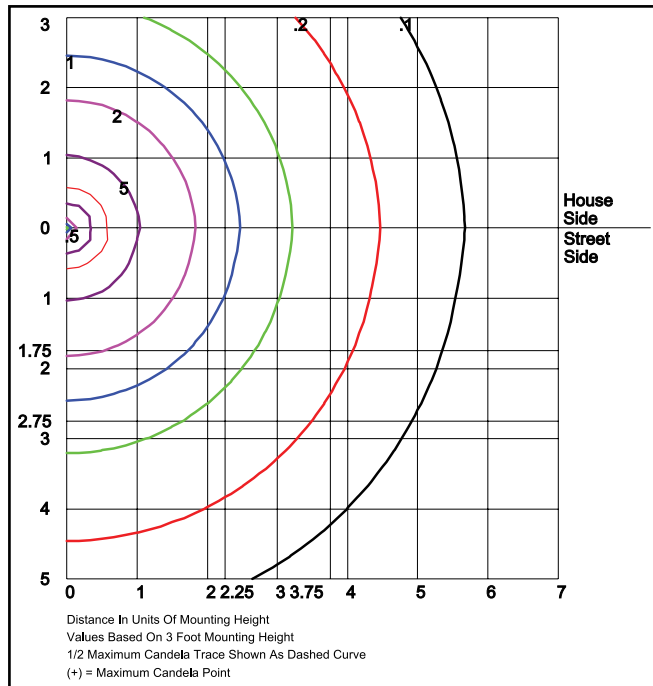
**BFGC22U5K**  
Type III

Grid in feet, Mounting Height = 3 ft.



**BFLF22U5K**  
Type V

Grid in feet, Mounting Height = 3 ft.



**BFRWF22U5KL**  
LumaLens Type V

Grid in feet, Mounting Height = 3 ft.

## Photometric Performance

Optic	Wattage (Catalog Logic)	10W (1X10)	15W (1X15)	20W (1X22)
	Input Watts	11.3W	15.9W	23.8W
	CCT	Delivered Lumens		
<b>BFRWF &amp; BFRF Cone Reflector C=Type III Optic</b>	3000K	738	1,033	1,549
	4000K	800	1,120	1,680
	5000K	834	1,167	1,750
	BUG Rating	B0-U2-G1	B1-U3-G1	B1-U3-G1
<b>BFRWF &amp; BFRF Cone Reflector F=Type V Optic</b>	3000K	1,037	1,452	2,178
	4000K	1,125	1,575	2,362
	5000K	1,172	1,641	2,461
	BUG Rating	B1-U3-G1	B1-U3-G1	B1-U3-G1
<b>BFGC Glass C=Type III Optic</b>	3000K	787	1,101	1,652
	4000K	853	1,195	1,792
	5000K	889	1,245	1,867
	BUG Rating	B1-U3-G1	B1-U3-G1	B1-U3-G1
<b>BFGF Glass F=Type V Optic</b>	3000K	768	1,076	1,613
	4000K	833	1,167	1,750
	5000K	868	1,215	1,823
	BUG Rating	B1-U3-G1	B1-U3-G1	B1-U3-G1
<b>BFL Louvers F=Type V Optic Only</b>	3000K	531	744	1,116
	4000K	576	807	1,211
	5000K	600	841	1,261
	BUG Rating	B0-U2-G0	B1-U2-G1	B1-U3-G1

## Projected Lumen Maintenance

Data shown for 5000 CCT		Compare to MH				
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated LED Life
<b>L70 Lumen Maintenance @ 25°C / 77°F</b>	All wattages up to and including 24w	1.00	0.95	0.90	0.80	147,000
<b>L70 Lumen Maintenance @ 50°C / 122°F</b>		1.00	0.89	0.78	0.55	67,000
<b>L80 Lumen Maintenance @ 40°C / 104°F</b>		1.00	0.92	0.85	0.70	66,000

### NOTES:

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 116mA base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.