



IES FLOOD REPORT

PHOTOMETRIC FILENAME : PFL-LED-30L-PC-VWF-40-80.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] LED-12460

[TESTLAB] LSI INDUSTRIES, INC.

[ISSUE DATE] 03/05/21

[TEST DATE] 01/22/21

[MANUFAC] LSI INDUSTRIES, INC.

[LUMCAT] PFL-LED-30L-PC-VWF-40-80

[OTHER] TEST PROCEDURE: IESNA LM-79-08

[ABSOLUTE] NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED.

[OTHER] SCALED FROM ORIGINAL TEST DATA

[SEARCH_SOURCETYPE] LED

[SEARCH_APPLICATION] Outdoor

[SEARCH_COLORTEMP] 4000

Note: Candela values converted from Type-C to Type-B

CHARACTERISTICS

NEMA Type	7 H x 7 V
Maximum Candela	7957
Maximum Candela Angle	-47.5H -65V
Horizontal Beam Angle (50%)	137.8
Vertical Beam Angle (50%)	160.3
Horizontal Field Angle (10%)	167.6
Vertical Field Angle (10%)	175.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	21908
Beam Efficiency	N.A.
Field Lumens	28732
Field Efficiency	N.A.
Spill Lumens	56
Luminaire Lumens	28788
Total Efficiency	N.A.
Total Luminaire Watts	238
Ballast Factor	1.00



IES FLOOD REPORT
PHOTOMETRIC FILENAME : PFL-LED-30L-PC-VWF-40-80.IES

AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	3	90	4
85	1357	85	1687
75	5465	75	5120
65	7107	65	7063
55	5457	55	5821
47.5	4622	47.5	4966
42.5	4215	42.5	4527
37.5	3778	37.5	4047
33	3465	33	3631
29	3255	29	3359
25.5	3114	25.5	3196
22.5	3018	22.5	3090
19.5	2940	19.5	3004
17	2887	17	2950
15	2851	15	2911
13	2821	13	2878
11	2794	11	2848
9	2771	9	2820
7	2752	7	2795
5	2737	5	2774
3	2729	3	2761
1	2732	1	2745
0	2736	0	2736
-1	2732	-1	2745
-3	2729	-3	2761
-5	2737	-5	2774
-7	2752	-7	2795
-9	2771	-9	2820
-11	2794	-11	2848
-13	2821	-13	2878
-15	2851	-15	2911
-17	2887	-17	2950
-19.5	2940	-19.5	3004
-22.5	3018	-22.5	3090
-25.5	3114	-25.5	3196
-29	3255	-29	3359
-33	3465	-33	3631
-37.5	3778	-37.5	4047
-42.5	4215	-42.5	4527
-47.5	4622	-47.5	4966
-55	5457	-55	5821
-65	7107	-65	7063
-75	5465	-75	5120
-85	1357	-85	1687
-90	3	-90	4

IES FLOOD REPORT
PHOTOMETRIC FILENAME : PFL-LED-30L-PC-VWF-40-80.IES

CANDELA TABULATION

Maximum Candela = 7957

Beam Edge = 3978.5 Cd (50% of Max.)

Field Edge = 795.7 Cd (10% of Max.)

* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	<u>-90.0</u>	<u>-85.0</u>	<u>-75.0</u>	<u>-65.0</u>	<u>-55.0</u>	<u>-47.5</u>	<u>-42.5</u>	<u>-37.5</u>	<u>-33.0</u>	<u>-29.0</u>
90.0	0	0	1	2	4	4	4	4	4	5
85.0	0	127	511	1164 *	1753 *	1892 *	1964 *	2022 *	2077 *	2134 *
75.0	1	376	1371 *	3016 *	5273 *	6201 *	6439 *	6376 *	6200 *	5956 *
65.0	1	613	2146 *	5154 *	7636 *	7957 *	7827 *	7497 *	7307 *	7184 *
55.0	2	825 *	2996 *	6523 *	7670 *	7041 *	6579 *	6240 *	6047 *	5911 *
47.5	2	964 *	3614 *	7102 *	7183 *	6256 *	5804 *	5468 *	5279 *	5154 *
42.5	2	1047 *	4012 *	7323 *	6827 *	5869 *	5425 *	5110 *	4910 *	4797 *
37.5	2	1120 *	4354 *	7441 *	6501 *	5545 *	5117 *	4825 *	4644 *	4530 *
33.0	2	1179 *	4613 *	7445 *	6257 *	5318 *	4906 *	4620 *	4446 *	4286 *
29.0	2	1224 *	4813 *	7402 *	6067 *	5148 *	4746 *	4474 *	4258 *	4056 *
25.5	3	1258 *	4961 *	7384 *	5930 *	5023 *	4634 *	4350 *	4094 *	3882 *
22.5	3	1284 *	5067 *	7324 *	5823 *	4938 *	4550 *	4244 *	3965 *	3745 *
19.5	3	1306 *	5154 *	7266 *	5724 *	4859 *	4476 *	4143 *	3846 *	3626 *
17.0	3	1321 *	5237 *	7227 *	5663 *	4803 *	4419 *	4066 *	3761 *	3541 *
15.0	3	1332 *	5298 *	7202 *	5620 *	4766 *	4377 *	4011 *	3700 *	3480 *
13.0	3	1341 *	5350 *	7182 *	5583 *	4733 *	4340 *	3961 *	3644 *	3427 *
11.0	3	1372 *	5392 *	7167 *	5553 *	4706 *	4307 *	3916 *	3596 *	3379 *
9.0	3	1370 *	5426 *	7148 *	5529 *	4683 *	4279 *	3876 *	3556 *	3338 *
7.0	3	1367 *	5451 *	7133 *	5510 *	4665 *	4257 *	3842 *	3524 *	3308 *
5.0	3	1364 *	5495 *	7121 *	5486 *	4651 *	4240 *	3814 *	3498 *	3285 *
3.0	3	1361 *	5483 *	7110 *	5461 *	4628 *	4219 *	3793 *	3479 *	3268 *
1.0	3	1358 *	5471 *	7108 *	5458 *	4624 *	4216 *	3780 *	3468 *	3258 *
0.0	3	1357 *	5465 *	7107 *	5457 *	4622 *	4215 *	3778 *	3465 *	3255 *
-1.0	3	1358 *	5471 *	7108 *	5458 *	4624 *	4216 *	3780 *	3468 *	3258 *
-3.0	3	1361 *	5483 *	7110 *	5461 *	4628 *	4219 *	3793 *	3479 *	3268 *
-5.0	3	1364 *	5495 *	7121 *	5486 *	4651 *	4240 *	3814 *	3498 *	3285 *
-7.0	3	1367 *	5451 *	7133 *	5510 *	4665 *	4257 *	3842 *	3524 *	3308 *
-9.0	3	1370 *	5426 *	7148 *	5529 *	4683 *	4279 *	3876 *	3556 *	3338 *
-11.0	3	1372 *	5392 *	7167 *	5553 *	4706 *	4307 *	3916 *	3596 *	3379 *
-13.0	3	1341 *	5350 *	7182 *	5583 *	4733 *	4340 *	3961 *	3644 *	3427 *
-15.0	3	1332 *	5298 *	7202 *	5620 *	4766 *	4377 *	4011 *	3700 *	3480 *
-17.0	3	1321 *	5237 *	7227 *	5663 *	4803 *	4419 *	4066 *	3761 *	3541 *
-19.5	3	1306 *	5154 *	7266 *	5724 *	4859 *	4476 *	4143 *	3846 *	3626 *
-22.5	3	1284 *	5067 *	7324 *	5823 *	4938 *	4550 *	4244 *	3965 *	3745 *
-25.5	3	1258 *	4961 *	7384 *	5930 *	5023 *	4634 *	4350 *	4094 *	3882 *
-29.0	2	1224 *	4813 *	7402 *	6067 *	5148 *	4746 *	4474 *	4258 *	4056 *
-33.0	2	1179 *	4613 *	7445 *	6257 *	5318 *	4906 *	4620 *	4446 *	4286 *
-37.5	2	1120 *	4354 *	7441 *	6501 *	5545 *	5117 *	4825 *	4644 *	4530 *
-42.5	2	1047 *	4012 *	7323 *	6827 *	5869 *	5425 *	5110 *	4910 *	4797 *
-47.5	2	964 *	3614 *	7102 *	7183 *	6256 *	5804 *	5468 *	5279 *	5154 *
-55.0	2	825 *	2996 *	6523 *	7670 *	7041 *	6579 *	6240 *	6047 *	5911 *
-65.0	1	613	2146 *	5154 *	7636 *	7957 *	7827 *	7497 *	7307 *	7184 *
-75.0	1	376	1371 *	3016 *	5273 *	6201 *	6439 *	6376 *	6200 *	5956 *
-85.0	0	127	511	1164 *	1753 *	1892 *	1964 *	2022 *	2077 *	2134 *
-90.0	0	0	1	2	4	4	4	4	4	5

IES FLOOD REPORT
PHOTOMETRIC FILENAME : PFL-LED-30L-PC-VWF-40-80.IES

CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	<u>-25.5</u>	<u>-22.5</u>	<u>-19.5</u>	<u>-17.0</u>	<u>-15.0</u>	<u>-13.0</u>	<u>-11.0</u>	<u>-9.0</u>	<u>-7.0</u>	<u>-5.0</u>
90.0	5	5	5	4	4	4	4	4	4	4
85.0	2167 *	2114 *	2034 *	1960 *	1895 *	1862 *	1857 *	1808 *	1760 *	1711 *
75.0	5739 *	5619 *	5540 *	5468 *	5406 *	5365 *	5330 *	5292 *	5251 *	5224 *
65.0	7158 *	7119 *	7074 *	7059 *	7059 *	7063 *	7060 *	7061 *	7063 *	7067 *
55.0	5862 *	5829 *	5807 *	5800 *	5799 *	5804 *	5799 *	5793 *	5793 *	5798 *
47.5	5079 *	5047 *	5018 *	5002 *	4998 *	4996 *	4996 *	4983 *	4973 *	4969 *
42.5	4726 *	4685 *	4651 *	4627 *	4606 *	4588 *	4573 *	4557 *	4543 *	4536 *
37.5	4438 *	4362 *	4293 *	4236 *	4194 *	4157 *	4125 *	4098 *	4073 *	4058 *
33.0	4154 *	4050 *	3954 *	3879 *	3825 *	3776 *	3734 *	3698 *	3670 *	3648 *
29.0	3911 *	3795 *	3685 *	3609 *	3552 *	3506 *	3463 *	3424 *	3395 *	3375 *
25.5	3725 *	3605 *	3498 *	3421 *	3369 *	3324 *	3283 *	3252 *	3228 *	3209 *
22.5	3586 *	3466 *	3362 *	3292 *	3245 *	3204 *	3168 *	3141 *	3119 *	3102 *
19.5	3469 *	3350 *	3252 *	3188 *	3145 *	3109 *	3077 *	3053 *	3033 *	3018 *
17.0	3382 *	3273 *	3180 *	3118 *	3074 *	3044 *	3015 *	2993 *	2975 *	2961 *
15.0	3325 *	3218 *	3129 *	3067 *	3030 *	2997 *	2973 *	2951 *	2936 *	2922 *
13.0	3276 *	3169 *	3084 *	3027 *	2988 *	2959 *	2934 *	2915 *	2899 *	2887 *
11.0	3230 *	3126 *	3044 *	2989 *	2954 *	2924 *	2900 *	2880 *	2864 *	2853 *
9.0	3194 *	3094 *	3013 *	2959 *	2923 *	2894 *	2869 *	2847 *	2834 *	2823 *
7.0	3166 *	3068 *	2987 *	2933 *	2898 *	2868 *	2843 *	2823 *	2806 *	2797 *
5.0	3144 *	3046 *	2965 *	2912 *	2877 *	2847 *	2822 *	2802 *	2785 *	2773 *
3.0	3127 *	3030 *	2951 *	2897 *	2862 *	2831 *	2805 *	2784 *	2767 *	2756 *
1.0	3117 *	3019 *	2942 *	2889 *	2852 *	2821 *	2794 *	2772 *	2755 *	2741 *
0.0	3114 *	3018 *	2940 *	2887 *	2851 *	2821 *	2794 *	2771 *	2752 *	2737 *
-1.0	3117 *	3019 *	2942 *	2889 *	2852 *	2821 *	2794 *	2772 *	2755 *	2741 *
-3.0	3127 *	3030 *	2951 *	2897 *	2862 *	2831 *	2805 *	2784 *	2767 *	2756 *
-5.0	3144 *	3046 *	2965 *	2912 *	2877 *	2847 *	2822 *	2802 *	2785 *	2773 *
-7.0	3166 *	3068 *	2987 *	2933 *	2898 *	2868 *	2843 *	2823 *	2806 *	2797 *
-9.0	3194 *	3094 *	3013 *	2959 *	2923 *	2894 *	2869 *	2847 *	2834 *	2823 *
-11.0	3230 *	3126 *	3044 *	2989 *	2954 *	2924 *	2900 *	2880 *	2864 *	2853 *
-13.0	3276 *	3169 *	3084 *	3027 *	2988 *	2959 *	2934 *	2915 *	2899 *	2887 *
-15.0	3325 *	3218 *	3129 *	3067 *	3030 *	2997 *	2973 *	2951 *	2936 *	2922 *
-17.0	3382 *	3273 *	3180 *	3118 *	3074 *	3044 *	3015 *	2993 *	2975 *	2961 *
-19.5	3469 *	3350 *	3252 *	3188 *	3145 *	3109 *	3077 *	3053 *	3033 *	3018 *
-22.5	3586 *	3466 *	3362 *	3292 *	3245 *	3204 *	3168 *	3141 *	3119 *	3102 *
-25.5	3725 *	3605 *	3498 *	3421 *	3369 *	3324 *	3283 *	3252 *	3228 *	3209 *
-29.0	3911 *	3795 *	3685 *	3609 *	3552 *	3506 *	3463 *	3424 *	3395 *	3375 *
-33.0	4154 *	4050 *	3954 *	3879 *	3825 *	3776 *	3734 *	3698 *	3670 *	3648 *
-37.5	4438 *	4362 *	4293 *	4236 *	4194 *	4157 *	4125 *	4098 *	4073 *	4058 *
-42.5	4726 *	4685 *	4651 *	4627 *	4606 *	4588 *	4573 *	4557 *	4543 *	4536 *
-47.5	5079 *	5047 *	5018 *	5002 *	4998 *	4996 *	4996 *	4983 *	4973 *	4969 *
-55.0	5862 *	5829 *	5807 *	5800 *	5799 *	5804 *	5799 *	5793 *	5793 *	5798 *
-65.0	7158 *	7119 *	7074 *	7059 *	7059 *	7063 *	7060 *	7061 *	7063 *	7067 *
-75.0	5739 *	5619 *	5540 *	5468 *	5406 *	5365 *	5330 *	5292 *	5251 *	5224 *
-85.0	2167 *	2114 *	2034 *	1960 *	1895 *	1862 *	1857 *	1808 *	1760 *	1711 *
-90.0	5	5	5	4	4	4	4	4	4	4

Vert. Angles	Horizontal Angles									
	<u>-3.0</u>	<u>-1.0</u>	<u>0.0</u>	<u>1.0</u>	<u>3.0</u>	<u>5.0</u>	<u>7.0</u>	<u>9.0</u>	<u>11.0</u>	<u>13.0</u>
90.0	4	4	4	4	4	4	4	4	4	4
85.0	1701 *	1692 *	1687 *	1692 *	1701 *	1711 *	1760 *	1808 *	1857 *	1862 *
75.0	5181 *	5140 *	5120 *	5140 *	5181 *	5224 *	5251 *	5292 *	5330 *	5365 *
65.0	7069 *	7065 *	7063 *	7065 *	7069 *	7067 *	7063 *	7061 *	7060 *	7063 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : PFL-LED-30L-PC-VWF-40-80.IES

CANDELA TABULATION - (Cont.)

55.0	5797 *	5813 *	5821 *	5813 *	5797 *	5798 *	5793 *	5793 *	5799 *	5804 *
47.5	4959 *	4964 *	4966 *	4964 *	4959 *	4969 *	4973 *	4983 *	4996 *	4996 *
42.5	4525 *	4526 *	4527 *	4526 *	4525 *	4536 *	4543 *	4557 *	4573 *	4588 *
37.5	4052 *	4045 *	4047 *	4045 *	4052 *	4058 *	4073 *	4098 *	4125 *	4157 *
33.0	3633 *	3629 *	3631 *	3629 *	3633 *	3648 *	3670 *	3698 *	3734 *	3776 *
29.0	3361 *	3357 *	3359 *	3357 *	3361 *	3375 *	3395 *	3424 *	3463 *	3506 *
25.5	3196 *	3193 *	3196 *	3193 *	3196 *	3209 *	3228 *	3252 *	3283 *	3324 *
22.5	3091 *	3087 *	3090 *	3087 *	3091 *	3102 *	3119 *	3141 *	3168 *	3204 *
19.5	3008 *	3004 *	3004 *	3004 *	3008 *	3018 *	3033 *	3053 *	3077 *	3109 *
17.0	2952 *	2949 *	2950 *	2949 *	2952 *	2961 *	2975 *	2993 *	3015 *	3044 *
15.0	2913 *	2909 *	2911 *	2909 *	2913 *	2922 *	2936 *	2951 *	2973 *	2997 *
13.0	2879 *	2876 *	2878 *	2876 *	2879 *	2887 *	2899 *	2915 *	2934 *	2959 *
11.0	2848 *	2845 *	2848 *	2845 *	2848 *	2853 *	2864 *	2880 *	2900 *	2924 *
9.0	2817 *	2817 *	2820 *	2817 *	2817 *	2823 *	2834 *	2847 *	2869 *	2894 *
7.0	2790 *	2792 *	2795 *	2792 *	2790 *	2797 *	2806 *	2823 *	2843 *	2868 *
5.0	2769 *	2770 *	2774 *	2770 *	2769 *	2773 *	2785 *	2802 *	2822 *	2847 *
3.0	2750 *	2755 *	2761 *	2755 *	2750 *	2756 *	2767 *	2784 *	2805 *	2831 *
1.0	2736 *	2739 *	2745 *	2739 *	2736 *	2741 *	2755 *	2772 *	2794 *	2821 *
0.0	2729 *	2732 *	2736 *	2732 *	2729 *	2737 *	2752 *	2771 *	2794 *	2821 *
-1.0	2736 *	2739 *	2745 *	2739 *	2736 *	2741 *	2755 *	2772 *	2794 *	2821 *
-3.0	2750 *	2755 *	2761 *	2755 *	2750 *	2756 *	2767 *	2784 *	2805 *	2831 *
-5.0	2769 *	2770 *	2774 *	2770 *	2769 *	2773 *	2785 *	2802 *	2822 *	2847 *
-7.0	2790 *	2792 *	2795 *	2792 *	2790 *	2797 *	2806 *	2823 *	2843 *	2868 *
-9.0	2817 *	2817 *	2820 *	2817 *	2817 *	2823 *	2834 *	2847 *	2869 *	2894 *
-11.0	2848 *	2845 *	2848 *	2845 *	2848 *	2853 *	2864 *	2880 *	2900 *	2924 *
-13.0	2879 *	2876 *	2878 *	2876 *	2879 *	2887 *	2899 *	2915 *	2934 *	2959 *
-15.0	2913 *	2909 *	2911 *	2909 *	2913 *	2922 *	2936 *	2951 *	2973 *	2997 *
-17.0	2952 *	2949 *	2950 *	2949 *	2952 *	2961 *	2975 *	2993 *	3015 *	3044 *
-19.5	3008 *	3004 *	3004 *	3004 *	3008 *	3018 *	3033 *	3053 *	3077 *	3109 *
-22.5	3091 *	3087 *	3090 *	3087 *	3091 *	3102 *	3119 *	3141 *	3168 *	3204 *
-25.5	3196 *	3193 *	3196 *	3193 *	3196 *	3209 *	3228 *	3252 *	3283 *	3324 *
-29.0	3361 *	3357 *	3359 *	3357 *	3361 *	3375 *	3395 *	3424 *	3463 *	3506 *
-33.0	3633 *	3629 *	3631 *	3629 *	3633 *	3648 *	3670 *	3698 *	3734 *	3776 *
-37.5	4052 *	4045 *	4047 *	4045 *	4052 *	4058 *	4073 *	4098 *	4125 *	4157 *
-42.5	4525 *	4526 *	4527 *	4526 *	4525 *	4536 *	4543 *	4557 *	4573 *	4588 *
-47.5	4959 *	4964 *	4966 *	4964 *	4959 *	4969 *	4973 *	4983 *	4996 *	4996 *
-55.0	5797 *	5813 *	5821 *	5813 *	5797 *	5798 *	5793 *	5793 *	5799 *	5804 *
-65.0	7069 *	7065 *	7063 *	7065 *	7069 *	7067 *	7063 *	7061 *	7060 *	7063 *
-75.0	5181 *	5140 *	5120 *	5140 *	5181 *	5224 *	5251 *	5292 *	5330 *	5365 *
-85.0	1701 *	1692 *	1687 *	1692 *	1701 *	1711 *	1760 *	1808 *	1857 *	1862 *
-90.0	4	4	4	4	4	4	4	4	4	4

Vert. Horizontal Angles
Angles

	<u>15.0</u>	<u>17.0</u>	<u>19.5</u>	<u>22.5</u>	<u>25.5</u>	<u>29.0</u>	<u>33.0</u>	<u>37.5</u>	<u>42.5</u>	<u>47.5</u>
90.0	4	4	5	5	5	5	4	4	4	4
85.0	1895 *	1960 *	2034 *	2114 *	2167 *	2134 *	2077 *	2022 *	1964 *	1892 *
75.0	5406 *	5468 *	5540 *	5619 *	5739 *	5956 *	6200 *	6376 *	6439 *	6201 *
65.0	7059 *	7059 *	7074 *	7119 *	7158 *	7184 *	7307 *	7497 *	7827 *	7957 *
55.0	5799 *	5800 *	5807 *	5829 *	5862 *	5911 *	6047 *	6240 *	6579 *	7041 *
47.5	4998 *	5002 *	5018 *	5047 *	5079 *	5154 *	5279 *	5468 *	5804 *	6256 *
42.5	4606 *	4627 *	4651 *	4685 *	4726 *	4797 *	4910 *	5110 *	5425 *	5869 *
37.5	4194 *	4236 *	4293 *	4362 *	4438 *	4530 *	4644 *	4825 *	5117 *	5545 *
33.0	3825 *	3879 *	3954 *	4050 *	4154 *	4286 *	4446 *	4620 *	4906 *	5318 *
29.0	3552 *	3609 *	3685 *	3795 *	3911 *	4056 *	4258 *	4474 *	4746 *	5148 *
25.5	3369 *	3421 *	3498 *	3605 *	3725 *	3882 *	4094 *	4350 *	4634 *	5023 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : PFL-LED-30L-PC-VWF-40-80.IES

CANDELA TABULATION - (Cont.)

22.5	3245 *	3292 *	3362 *	3466 *	3586 *	3745 *	3965 *	4244 *	4550 *	4938 *
19.5	3145 *	3188 *	3252 *	3350 *	3469 *	3626 *	3846 *	4143 *	4476 *	4859 *
17.0	3074 *	3118 *	3180 *	3273 *	3382 *	3541 *	3761 *	4066 *	4419 *	4803 *
15.0	3030 *	3067 *	3129 *	3218 *	3325 *	3480 *	3700 *	4011 *	4377 *	4766 *
13.0	2988 *	3027 *	3084 *	3169 *	3276 *	3427 *	3644 *	3961 *	4340 *	4733 *
11.0	2954 *	2989 *	3044 *	3126 *	3230 *	3379 *	3596 *	3916 *	4307 *	4706 *
9.0	2923 *	2959 *	3013 *	3094 *	3194 *	3338 *	3556 *	3876 *	4279 *	4683 *
7.0	2898 *	2933 *	2987 *	3068 *	3166 *	3308 *	3524 *	3842 *	4257 *	4665 *
5.0	2877 *	2912 *	2965 *	3046 *	3144 *	3285 *	3498 *	3814 *	4240 *	4651 *
3.0	2862 *	2897 *	2951 *	3030 *	3127 *	3268 *	3479 *	3793 *	4219 *	4628 *
1.0	2852 *	2889 *	2942 *	3019 *	3117 *	3258 *	3468 *	3780 *	4216 *	4624 *
0.0	2851 *	2887 *	2940 *	3018 *	3114 *	3255 *	3465 *	3778 *	4215 *	4622 *
-1.0	2852 *	2889 *	2942 *	3019 *	3117 *	3258 *	3468 *	3780 *	4216 *	4624 *
-3.0	2862 *	2897 *	2951 *	3030 *	3127 *	3268 *	3479 *	3793 *	4219 *	4628 *
-5.0	2877 *	2912 *	2965 *	3046 *	3144 *	3285 *	3498 *	3814 *	4240 *	4651 *
-7.0	2898 *	2933 *	2987 *	3068 *	3166 *	3308 *	3524 *	3842 *	4257 *	4665 *
-9.0	2923 *	2959 *	3013 *	3094 *	3194 *	3338 *	3556 *	3876 *	4279 *	4683 *
-11.0	2954 *	2989 *	3044 *	3126 *	3230 *	3379 *	3596 *	3916 *	4307 *	4706 *
-13.0	2988 *	3027 *	3084 *	3169 *	3276 *	3427 *	3644 *	3961 *	4340 *	4733 *
-15.0	3030 *	3067 *	3129 *	3218 *	3325 *	3480 *	3700 *	4011 *	4377 *	4766 *
-17.0	3074 *	3118 *	3180 *	3273 *	3382 *	3541 *	3761 *	4066 *	4419 *	4803 *
-19.5	3145 *	3188 *	3252 *	3350 *	3469 *	3626 *	3846 *	4143 *	4476 *	4859 *
-22.5	3245 *	3292 *	3362 *	3466 *	3586 *	3745 *	3965 *	4244 *	4550 *	4938 *
-25.5	3369 *	3421 *	3498 *	3605 *	3725 *	3882 *	4094 *	4350 *	4634 *	5023 *
-29.0	3552 *	3609 *	3685 *	3795 *	3911 *	4056 *	4258 *	4474 *	4746 *	5148 *
-33.0	3825 *	3879 *	3954 *	4050 *	4154 *	4286 *	4446 *	4620 *	4906 *	5318 *
-37.5	4194 *	4236 *	4293 *	4362 *	4438 *	4530 *	4644 *	4825 *	5117 *	5545 *
-42.5	4606 *	4627 *	4651 *	4685 *	4726 *	4797 *	4910 *	5110 *	5425 *	5869 *
-47.5	4998 *	5002 *	5018 *	5047 *	5079 *	5154 *	5279 *	5468 *	5804 *	6256 *
-55.0	5799 *	5800 *	5807 *	5829 *	5862 *	5911 *	6047 *	6240 *	6579 *	7041 *
-65.0	7059 *	7059 *	7074 *	7119 *	7158 *	7184 *	7307 *	7497 *	7827 *	7957 *
-75.0	5406 *	5468 *	5540 *	5619 *	5739 *	5956 *	6200 *	6376 *	6439 *	6201 *
-85.0	1895 *	1960 *	2034 *	2114 *	2167 *	2134 *	2077 *	2022 *	1964 *	1892 *
-90.0	4	4	5	5	5	5	4	4	4	4

Vert. Angles **Horizontal Angles**

	<u>55.0</u>	<u>65.0</u>	<u>75.0</u>	<u>85.0</u>	<u>90.0</u>
90.0	4	2	1	0	0
85.0	1753 *	1164 *	511	127	0
75.0	5273 *	3016 *	1371 *	376	1
65.0	7636 *	5154 *	2146 *	613	1
55.0	7670 *	6523 *	2996 *	825 *	2
47.5	7183 *	7102 *	3614 *	964 *	2
42.5	6827 *	7323 *	4012 *	1047 *	2
37.5	6501 *	7441 *	4354 *	1120 *	2
33.0	6257 *	7445 *	4613 *	1179 *	2
29.0	6067 *	7402 *	4813 *	1224 *	2
25.5	5930 *	7384 *	4961 *	1258 *	3
22.5	5823 *	7324 *	5067 *	1284 *	3
19.5	5724 *	7266 *	5154 *	1306 *	3
17.0	5663 *	7227 *	5237 *	1321 *	3
15.0	5620 *	7202 *	5298 *	1332 *	3
13.0	5583 *	7182 *	5350 *	1341 *	3
11.0	5553 *	7167 *	5392 *	1372 *	3
9.0	5529 *	7148 *	5426 *	1370 *	3

IES FLOOD REPORT
PHOTOMETRIC FILENAME : PFL-LED-30L-PC-VWF-40-80.IES

CANDELA TABULATION - (Cont.)

7.0	5510 *	7133 *	5451 *	1367 *	3
5.0	5486 *	7121 *	5495 *	1364 *	3
3.0	5461 *	7110 *	5483 *	1361 *	3
1.0	5458 *	7108 *	5471 *	1358 *	3
0.0	5457 *	7107 *	5465 *	1357 *	3
-1.0	5458 *	7108 *	5471 *	1358 *	3
-3.0	5461 *	7110 *	5483 *	1361 *	3
-5.0	5486 *	7121 *	5495 *	1364 *	3
-7.0	5510 *	7133 *	5451 *	1367 *	3
-9.0	5529 *	7148 *	5426 *	1370 *	3
-11.0	5553 *	7167 *	5392 *	1372 *	3
-13.0	5583 *	7182 *	5350 *	1341 *	3
-15.0	5620 *	7202 *	5298 *	1332 *	3
-17.0	5663 *	7227 *	5237 *	1321 *	3
-19.5	5724 *	7266 *	5154 *	1306 *	3
-22.5	5823 *	7324 *	5067 *	1284 *	3
-25.5	5930 *	7384 *	4961 *	1258 *	3
-29.0	6067 *	7402 *	4813 *	1224 *	2
-33.0	6257 *	7445 *	4613 *	1179 *	2
-37.5	6501 *	7441 *	4354 *	1120 *	2
-42.5	6827 *	7323 *	4012 *	1047 *	2
-47.5	7183 *	7102 *	3614 *	964 *	2
-55.0	7670 *	6523 *	2996 *	825 *	2
-65.0	7636 *	5154 *	2146 *	613	1
-75.0	5273 *	3016 *	1371 *	376	1
-85.0	1753 *	1164 *	511	127	0
-90.0	4	2	1	0	0

IES FLOOD REPORT
PHOTOMETRIC FILENAME : PFL-LED-30L-PC-VWF-40-80.IES

LUMEN TABULATION

Average Of Right And Left Sides

Total Luminaire Lumens (one side of beam only) = 14394.19

Total Field Lumens (one side of beam only) = 14366.21

* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	<u>0</u>	<u>1</u>	<u>3</u>	<u>5</u>	<u>7</u>	<u>9</u>	<u>11</u>	<u>13</u>	<u>15</u>	<u>17</u>
90										
85	1.29 *	2.59 *	2.60 *	2.63 *	2.70 *	2.75 *	2.78 *	2.78 *	2.83 *	3.62 *
75	10.39 *	20.87 *	20.99 *	21.12 *	21.28 *	21.43 *	21.47 *	21.47 *	21.56 *	27.12 *
65	18.57 *	37.22 *	37.29 *	37.27 *	37.20 *	37.11 *	36.97 *	36.79 *	36.59 *	45.45 *
55	19.62 *	39.18 *	39.09 *	38.96 *	38.78 *	38.57 *	38.32 *	38.02 *	37.65 *	46.54 *
47.5	12.32 *	24.58 *	24.52 *	24.46 *	24.37 *	24.27 *	24.13 *	23.94 *	23.72 *	29.33 *
42.5	7.23 *	14.44 *	14.42 *	14.41 *	14.37 *	14.33 *	14.27 *	14.18 *	14.08 *	17.44 *
37.5	6.53 *	13.05 *	13.04 *	13.03 *	13.02 *	13.01 *	12.99 *	12.96 *	12.93 *	16.10 *
33	5.26 *	10.52 *	10.52 *	10.53 *	10.55 *	10.57 *	10.59 *	10.61 *	10.63 *	13.31 *
29	4.26 *	8.51 *	8.52 *	8.54 *	8.56 *	8.59 *	8.63 *	8.67 *	8.71 *	10.94 *
25.5	3.49 *	6.98 *	6.99 *	7.00 *	7.02 *	7.05 *	7.08 *	7.11 *	7.15 *	8.99 *
22.5	2.87 *	5.74 *	5.74 *	5.75 *	5.76 *	5.78 *	5.80 *	5.83 *	5.85 *	7.36 *
19.5	2.78 *	5.57 *	5.57 *	5.58 *	5.59 *	5.60 *	5.61 *	5.63 *	5.65 *	7.10 *
17	2.27 *	4.53 *	4.53 *	4.54 *	4.54 *	4.55 *	4.56 *	4.57 *	4.58 *	5.76 *
15	1.78 *	3.57 *	3.57 *	3.57 *	3.58 *	3.58 *	3.58 *	3.59 *	3.60 *	4.52 *
13	1.76 *	3.52 *	3.53 *	3.53 *	3.53 *	3.53 *	3.53 *	3.54 *	3.55 *	4.45 *
11	1.74 *	3.48 *	3.48 *	3.48 *	3.49 *	3.49 *	3.49 *	3.49 *	3.50 *	4.39 *
9	1.73 *	3.45 *	3.45 *	3.45 *	3.45 *	3.45 *	3.45 *	3.46 *	3.46 *	4.34 *
7	1.71 *	3.41 *	3.41 *	3.41 *	3.41 *	3.41 *	3.42 *	3.42 *	3.43 *	4.30 *
5	1.70 *	3.39 *	3.38 *	3.38 *	3.38 *	3.39 *	3.39 *	3.40 *	3.40 *	4.27 *
3	1.68 *	3.36 *	3.36 *	3.36 *	3.36 *	3.36 *	3.37 *	3.37 *	3.38 *	4.24 *
1	1.68 *	3.34 *	3.34 *	3.34 *	3.34 *	3.35 *	3.35 *	3.36 *	3.37 *	4.22 *
0	0.83 *	1.66 *	1.66 *	1.66 *	1.67 *	1.67 *	1.67 *	1.68 *	1.68 *	2.11 *
-1	0.83 *	1.66 *	1.66 *	1.66 *	1.67 *	1.67 *	1.67 *	1.68 *	1.68 *	2.11 *
	1.68 *	3.34 *	3.34 *	3.34 *	3.34 *	3.35 *	3.35 *	3.36 *	3.37 *	4.22 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : PFL-LED-30L-PC-VWF-40-80.IES

LUMENS TABULATION - (Cont.)

-3	1.68 *	3.36 *	3.36 *	3.36 *	3.36 *	3.36 *	3.37 *	3.37 *	3.38 *	4.24 *
-5	1.70 *	3.39 *	3.38 *	3.38 *	3.38 *	3.39 *	3.39 *	3.40 *	3.40 *	4.27 *
-7	1.71 *	3.41 *	3.41 *	3.41 *	3.41 *	3.41 *	3.42 *	3.42 *	3.43 *	4.30 *
-9	1.73 *	3.45 *	3.45 *	3.45 *	3.45 *	3.45 *	3.45 *	3.46 *	3.46 *	4.34 *
-11	1.74 *	3.48 *	3.48 *	3.48 *	3.49 *	3.49 *	3.49 *	3.49 *	3.50 *	4.39 *
-13	1.76 *	3.52 *	3.53 *	3.53 *	3.53 *	3.53 *	3.53 *	3.54 *	3.55 *	4.45 *
-15	1.78 *	3.57 *	3.57 *	3.57 *	3.58 *	3.58 *	3.58 *	3.59 *	3.60 *	4.52 *
-17	2.27 *	4.53 *	4.53 *	4.54 *	4.54 *	4.55 *	4.56 *	4.57 *	4.58 *	5.76 *
-19.5	2.78 *	5.57 *	5.57 *	5.58 *	5.59 *	5.60 *	5.61 *	5.63 *	5.65 *	7.10 *
-22.5	2.87 *	5.74 *	5.74 *	5.75 *	5.76 *	5.78 *	5.80 *	5.83 *	5.85 *	7.36 *
-25.5	3.49 *	6.98 *	6.99 *	7.00 *	7.02 *	7.05 *	7.08 *	7.11 *	7.15 *	8.99 *
-29	4.26 *	8.51 *	8.52 *	8.54 *	8.56 *	8.59 *	8.63 *	8.67 *	8.71 *	10.94 *
-33	5.26 *	10.52 *	10.52 *	10.53 *	10.55 *	10.57 *	10.59 *	10.61 *	10.63 *	13.31 *
-37.5	6.53 *	13.05 *	13.04 *	13.03 *	13.02 *	13.01 *	12.99 *	12.96 *	12.93 *	16.10 *
-42.5	7.23 *	14.44 *	14.42 *	14.41 *	14.37 *	14.33 *	14.27 *	14.18 *	14.08 *	17.44 *
-47.5	12.32 *	24.58 *	24.52 *	24.46 *	24.37 *	24.27 *	24.13 *	23.94 *	23.72 *	29.33 *
-55	19.62 *	39.18 *	39.09 *	38.96 *	38.78 *	38.57 *	38.32 *	38.02 *	37.65 *	46.54 *
-65	18.57 *	37.22 *	37.29 *	37.27 *	37.20 *	37.11 *	36.97 *	36.79 *	36.59 *	45.45 *
-75	10.39 *	20.87 *	20.99 *	21.12 *	21.28 *	21.43 *	21.47 *	21.47 *	21.56 *	27.12 *
-85	1.29 *	2.59 *	2.60 *	2.63 *	2.70 *	2.75 *	2.78 *	2.78 *	2.83 *	3.62 *
-90										
Total	222.97	445.97	446.02	446.00	445.88	445.66	444.93	443.71	442.59	551.80

Vert. Horizontal Angles

	<u>19.5</u>	<u>22.5</u>	<u>25.5</u>	<u>29</u>	<u>33</u>	<u>37.5</u>	<u>42.5</u>	<u>47.5</u>	<u>55</u>	<u>65</u>
90	4.43 *	4.48 *	5.11 *	5.51 *	5.75 *	5.82 *	5.20 *	6.53 *	5.56	2.18
85	32.64 *	32.64 *	37.90 *	42.73 *	46.65 *	48.99 *	44.40 *	54.01 *	42.62 *	15.77 *
75	54.07 *	53.50 *	61.69 *	69.56 *	76.61 *	82.05 *	76.51 *	96.70 *	80.16 *	30.40 *
65	55.08 *	54.19 *	61.87 *	69.05 *	75.80 *	82.06 *	79.14 *	108.26 *	102.61 *	43.75 *
55	34.71 *	34.15 *	39.10 *	43.84 *	48.33 *	52.69 *	51.84 *	75.42 *	81.22 *	39.48 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : PFL-LED-30L-PC-VWF-40-80.IES

LUMENS TABULATION - (Cont.)

47.5	20.69 *	20.39 *	23.40 *	26.29 *	29.05 *	31.79 *	31.43 *	46.68 *	54.07 *	28.68 *
42.5	19.18 *	19.00 *	21.90 *	24.64 *	27.26 *	29.86 *	29.55 *	44.19 *	53.42 *	30.08 *
37.5	15.99 *	15.97 *	18.56 *	21.04 *	23.34 *	25.55 *	25.30 *	37.97 *	47.31 *	27.92 *
33	13.21 *	13.28 *	15.55 *	17.80 *	19.92 *	21.87 *	21.66 *	32.57 *	41.33 *	25.26 *
29	10.89 *	10.98 *	12.91 *	14.88 *	16.82 *	18.58 *	18.42 *	27.72 *	35.65 *	22.36 *
25.5	8.91 *	9.00 *	10.62 *	12.28 *	13.98 *	15.55 *	15.46 *	23.27 *	30.19 *	19.30 *
22.5	8.59 *	8.68 *	10.25 *	11.89 *	13.60 *	15.23 *	15.20 *	22.88 *	29.82 *	19.36 *
19.5	6.96 *	7.03 *	8.30 *	9.64 *	11.06 *	12.47 *	12.49 *	18.80 *	24.60 *	16.18 *
17	5.46 *	5.51 *	6.50 *	7.56 *	8.69 *	9.84 *	9.89 *	14.90 *	19.56 *	12.99 *
15	5.37 *	5.42 *	6.40 *	7.44 *	8.57 *	9.73 *	9.81 *	14.79 *	19.46 *	13.02 *
13	5.30 *	5.34 *	6.31 *	7.33 *	8.46 *	9.64 *	9.74 *	14.70 *	19.38 *	13.05 *
11	5.24 *	5.28 *	6.23 *	7.24 *	8.36 *	9.55 *	9.68 *	14.63 *	19.32 *	13.08 *
9	5.19 *	5.23 *	6.16 *	7.17 *	8.28 *	9.48 *	9.63 *	14.57 *	19.26 *	13.09 *
7	5.15 *	5.19 *	6.11 *	7.11 *	8.21 *	9.42 *	9.59 *	14.51 *	19.20 *	13.11 *
5	5.11 *	5.15 *	6.08 *	7.06 *	8.16 *	9.37 *	9.55 *	14.45 *	19.15 *	13.12 *
3	5.09 *	5.13 *	6.05 *	7.03 *	8.13 *	9.34 *	9.52 *	14.41 *	19.12 *	13.10 *
1	2.54 *	2.56 *	3.02 *	3.51 *	4.05 *	4.66 *	4.76 *	7.20 *	9.56 *	6.54 *
0	2.54 *	2.56 *	3.02 *	3.51 *	4.05 *	4.66 *	4.76 *	7.20 *	9.56 *	6.54 *
-1	5.09 *	5.13 *	6.05 *	7.03 *	8.13 *	9.34 *	9.52 *	14.41 *	19.12 *	13.10 *
-3	5.11 *	5.15 *	6.08 *	7.06 *	8.16 *	9.37 *	9.55 *	14.45 *	19.15 *	13.12 *
-5	5.15 *	5.19 *	6.11 *	7.11 *	8.21 *	9.42 *	9.59 *	14.51 *	19.20 *	13.11 *
-7	5.19 *	5.23 *	6.16 *	7.17 *	8.28 *	9.48 *	9.63 *	14.57 *	19.26 *	13.09 *
-9	5.24 *	5.28 *	6.23 *	7.24 *	8.36 *	9.55 *	9.68 *	14.63 *	19.32 *	13.08 *
-11	5.30 *	5.34 *	6.31 *	7.33 *	8.46 *	9.64 *	9.74 *	14.70 *	19.38 *	13.05 *
-13	5.37 *	5.42 *	6.40 *	7.44 *	8.57 *	9.73 *	9.81 *	14.79 *	19.46 *	13.02 *
-15	5.46 *	5.51 *	6.50 *	7.56 *	8.69 *	9.84 *	9.89 *	14.90 *	19.56 *	12.99 *
-17	6.96 *	7.03 *	8.30 *	9.64 *	11.06 *	12.47 *	12.49 *	18.80 *	24.60 *	16.18 *
-19.5	8.59 *	8.68 *	10.25 *	11.89 *	13.60 *	15.23 *	15.20 *	22.88 *	29.82 *	19.36 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : PFL-LED-30L-PC-VWF-40-80.IES

LUMENS TABULATION - (Cont.)

-22.5	8.91 *	9.00 *	10.62 *	12.28 *	13.98 *	15.55 *	15.46 *	23.27 *	30.19 *	19.30 *
-25.5	10.89 *	10.98 *	12.91 *	14.88 *	16.82 *	18.58 *	18.42 *	27.72 *	35.65 *	22.36 *
-29	13.21 *	13.28 *	15.55 *	17.80 *	19.92 *	21.87 *	21.66 *	32.57 *	41.33 *	25.26 *
-33	15.99 *	15.97 *	18.56 *	21.04 *	23.34 *	25.55 *	25.30 *	37.97 *	47.31 *	27.92 *
-37.5	19.18 *	19.00 *	21.90 *	24.64 *	27.26 *	29.86 *	29.55 *	44.19 *	53.42 *	30.08 *
-42.5	20.69 *	20.39 *	23.40 *	26.29 *	29.05 *	31.79 *	31.43 *	46.68 *	54.07 *	28.68 *
-47.5	34.71 *	34.15 *	39.10 *	43.84 *	48.33 *	52.69 *	51.84 *	75.42 *	81.22 *	39.48 *
-55	55.08 *	54.19 *	61.87 *	69.05 *	75.80 *	82.06 *	79.14 *	108.26 *	102.61 *	43.75 *
-65	54.07 *	53.50 *	61.69 *	69.56 *	76.61 *	82.05 *	76.51 *	96.70 *	80.16 *	30.40 *
-75	32.64 *	32.64 *	37.90 *	42.73 *	46.65 *	48.99 *	44.40 *	54.01 *	42.62 *	15.77 *
-85	4.43 *	4.48 *	5.11 *	5.51 *	5.75 *	5.82 *	5.20 *	6.53 *	5.56	2.18
-90										
Total	659.62	656.19	760.07	861.23	958.17	1047.07	1017.48	1438.32	1585.11	863.67

Vert. Angles	Horizontal Angles		
	<u>75</u>	<u>85</u>	<u>90</u>
90			
85	0.42	0.01	77.56
75	3.15	0.08	609.30
65	5.95 *	0.16	1047.81
55	8.69 *	0.24	1115.48
47.5	8.32 *	0.22	744.95
42.5	6.36 *	0.17	458.17
37.5	6.96 *	0.18	432.91
33	6.70 *	0.17	368.88
29	6.25 *	0.16	312.75
25.5	5.67 *	0.14	263.88
22.5	4.98 *	0.13	220.17
19.5	5.08 *	0.13	215.39
17	4.30 *	0.11	176.39
	3.48 *	0.09	139.41

IES FLOOD REPORT
PHOTOMETRIC FILENAME : PFL-LED-30L-PC-VWF-40-80.IES

LUMENS TABULATION - (Cont.)

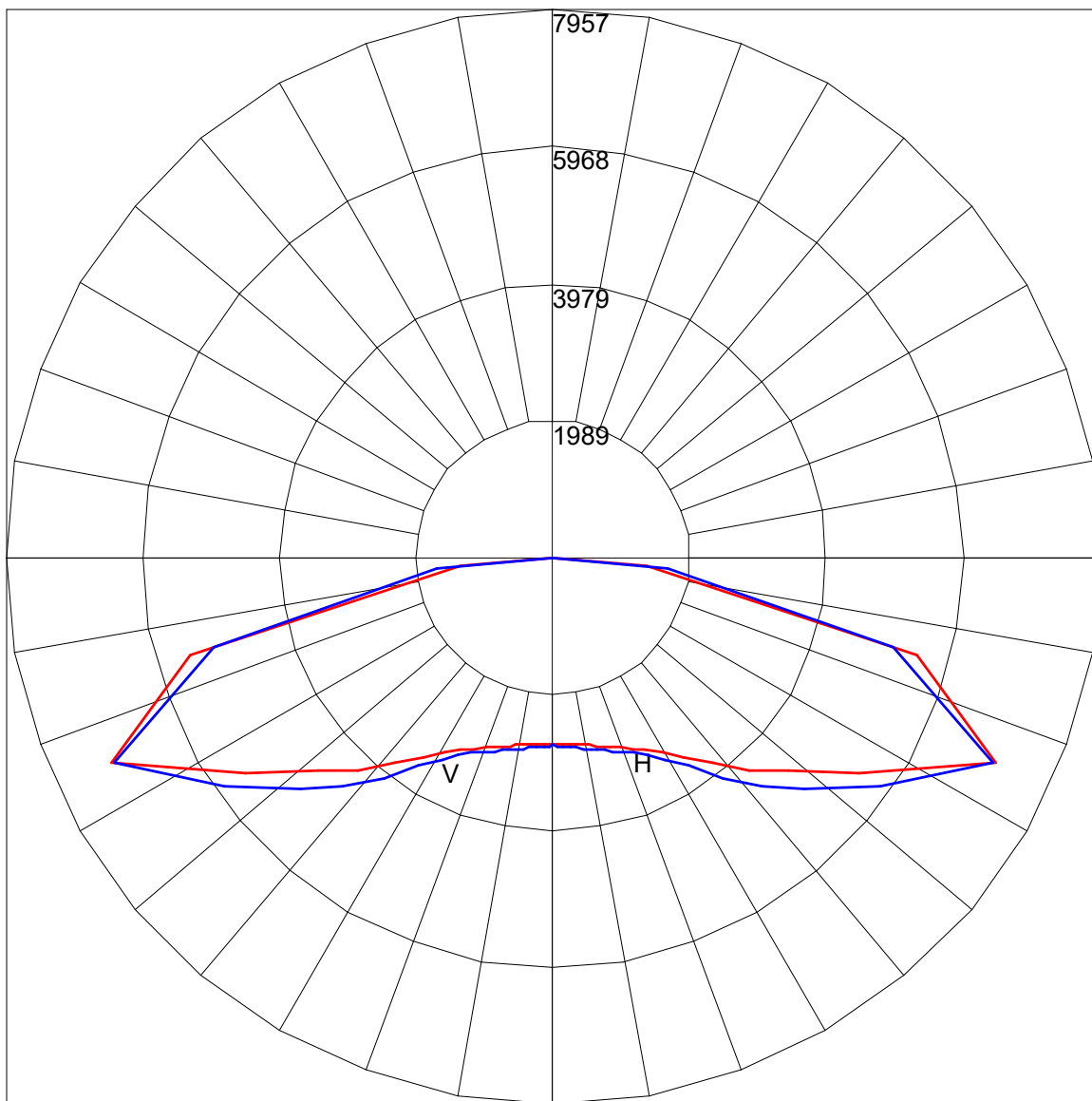
15			
	3.52 *	0.09	138.10
13			
	3.55 *	0.09	136.95
11			
	3.58 *	0.09	135.94
9			
	3.60 *	0.09	135.07
7			
	3.61 *	0.09	134.38
5			
	3.62 *	0.09	133.76
3			
	3.61 *	0.09	133.30
1			
	1.80 *	0.05	66.55
0			
	1.80 *	0.05	66.55
-1			
	3.61 *	0.09	133.30
-3			
	3.62 *	0.09	133.76
-5			
	3.61 *	0.09	134.38
-7			
	3.60 *	0.09	135.07
-9			
	3.58 *	0.09	135.94
-11			
	3.55 *	0.09	136.95
-13			
	3.52 *	0.09	138.10
-15			
	3.48 *	0.09	139.41
-17			
	4.30 *	0.11	176.39
-19.5			
	5.08 *	0.13	215.39
-22.5			
	4.98 *	0.13	220.17
-25.5			
	5.67 *	0.14	263.88
-29			
	6.25 *	0.16	312.75
-33			
	6.70 *	0.17	368.88
-37.5			
	6.96 *	0.18	432.91
-42.5			
	6.36 *	0.17	458.17
-47.5			
	8.32 *	0.22	744.95
-55			
	8.69 *	0.24	1115.48
-65			
	5.95 *	0.16	1047.81

IES FLOOD REPORT
PHOTOMETRIC FILENAME : PFL-LED-30L-PC-VWF-40-80.IES

LUMENS TABULATION - (Cont.)

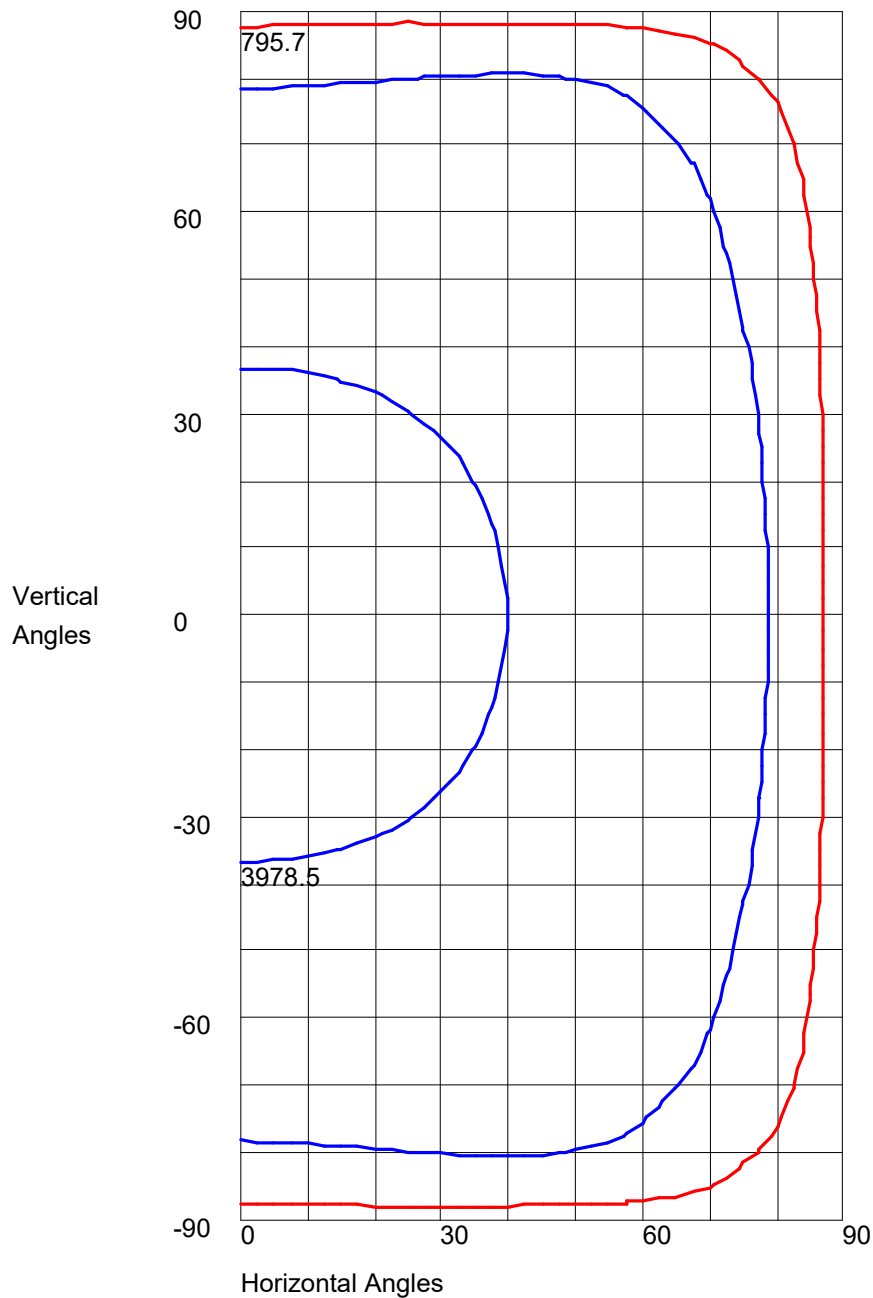
-75	3.15	0.08	609.30
-85	0.42	0.01	77.56
-90			
Total	206.40	5.36	14394.22

AXIAL CANDELA DISPLAY



Maximum Candela = 7957 Located At Horizontal Angle =-47.5, Vertical Angle =-65
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 7957 Located At Horizontal Angle = -47.5, Vertical Angle = -65
50% Maximum Candela = 3978.5
10% Maximum Candela = 795.7