



## IES FLOOD REPORT

PHOTOMETRIC FILENAME : PFL-LED-34L-PC-WF-50-80-HGS.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] LED-12620  
[TESTLAB] LSI INDUSTRIES, INC.  
[ISSUEDATE] 04/01/21  
[TESTDATE] 03/17/21  
[MANUFAC] LSI INDUSTRIES, INC.  
[LUMCAT] PFL-LED-34L-PC-WF-50-80-HGS  
[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	5 H x 5 V
Maximum Candela	26035
Maximum Candela Angle	0H -3V
Horizontal Beam Angle (50%)	61.0
Vertical Beam Angle (50%)	63.2
Horizontal Field Angle (10%)	94.8
Vertical Field Angle (10%)	99.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	18479
Beam Efficiency	N.A.
Field Lumens	26069
Field Efficiency	N.A.
Spill Lumens	1990
Luminaire Lumens	28060
Total Efficiency	N.A.
Total Luminaire Watts	278
Ballast Factor	1.00



**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : PFL-LED-34L-PC-WF-50-80-HGS.IES**

**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	10	85	28
75	41	75	159
65	204	65	433
55	966	55	1296
47.5	2584	47.5	3125
42.5	4183	42.5	5126
37.5	6740	37.5	7657
33	10381	33	11201
29	14438	29	15275
25.5	17885	25.5	18351
22.5	20426	22.5	20217
19.5	22379	19.5	21565
17	23778	17	22557
15	24600	15	23251
13	25007	13	23866
11	25315	11	24424
9	25536	9	24919
7	25680	7	25343
5	25759	5	25677
3	25797	3	25933
1	25862	1	25938
0	25899	0	25899
-1	25862	-1	25953
-3	25797	-3	26035
-5	25759	-5	26034
-7	25680	-7	25909
-9	25536	-9	25688
-11	25315	-11	25388
-13	25007	-13	25004
-15	24600	-15	24514
-17	23778	-17	23912
-19.5	22379	-19.5	23132
-22.5	20426	-22.5	21430
-25.5	17885	-25.5	18846
-29	14438	-29	16394
-33	10381	-33	11798
-37.5	6740	-37.5	7235
-42.5	4183	-42.5	4666
-47.5	2584	-47.5	3118
-55	966	-55	1140
-65	204	-65	314
-75	41	-75	10
-85	10	-85	7
-90	0	-90	0

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : PFL-LED-34L-PC-WF-50-80-HGS.IES**

**CANDELA TABULATION**

Maximum Candela = 26035

Beam Edge = 13017.5 Cd (50% of Max.)

Field Edge = 2603.5 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	0	0	0	0	0	0	0	0
85.0	0	1	6	12	17	19	20	20	21	22
75.0	0	4	12	18	25	39	53	67	81	99
65.0	0	6	16	27	71	124	166	215	258	298
55.0	0	7	20	56	170	301	407	529	653	767
47.5	0	8	23	85	272	507	705	962	1234	1504
42.5	0	9	27	107	353	683	984	1393	1842	2308
37.5	0	9	30	128	448	905	1357	1983	2675 *	3398 *
33.0	0	9	33	148	540	1131	1750	2614 *	3542 *	4497 *
29.0	0	9	36	165	613	1357	2131	3212 *	4367 *	5652 *
25.5	0	10	38	178	687	1551	2478	3761 *	5161 *	6775 *
22.5	0	10	40	187	742	1744	2786 *	4228 *	5900 *	7910 *
19.5	0	10	41	196	793	1913	3094 *	4720 *	6643 *	9126 *
17.0	0	10	41	201	840	2047	3303 *	5120 *	7366 *	10145 *
15.0	0	10	42	204	873	2166	3484 *	5413 *	7939 *	10893 *
13.0	0	10	42	205	901	2269	3676 *	5743 *	8438 *	11733 *
11.0	0	10	42	206	924	2356	3841 *	6027 *	8936 *	12486 *
9.0	0	10	42	207	941	2427	3968 *	6259 *	9395 *	13144 *
7.0	0	10	42	208	953	2481	4060 *	6442 *	9761 *	13651 *
5.0	0	10	42	208	965	2523	4118 *	6577 *	10032 *	14033 *
3.0	0	10	42	208	977	2576	4188 *	6671 *	10213 *	14303 *
1.0	0	10	41	205	970	2581	4185 *	6736 *	10348 *	14427 *
0.0	0	10	41	204	966	2584	4183 *	6740 *	10381 *	14438 *
-1.0	0	10	41	204	966	2580	4190 *	6779 *	10431 *	14519 *
-3.0	0	10	40	203	967	2573	4203 *	6796 *	10458 *	14574 *
-5.0	0	10	40	199	949	2517	4138 *	6741 *	10338 *	14406 *
-7.0	0	10	39	195	932	2474	4082 *	6616 *	10111 *	14121 *
-9.0	0	10	38	191	913	2418	3999 *	6436 *	9785 *	13701 *
-11.0	0	10	37	185	890	2346	3891 *	6201 *	9367 *	13143 *
-13.0	0	9	36	181	860	2259	3757 *	5920 *	8892 *	12480 *
-15.0	0	9	35	176	825	2156	3588 *	5593 *	8414 *	11718 *
-17.0	0	9	34	169	783	2038	3383 *	5282 *	7869 *	10976 *
-19.5	0	9	32	160	724	1885	3111 *	4817 *	7086 *	9811 *
-22.5	0	9	31	147	660	1681	2759 *	4204 *	6160 *	8391 *
-25.5	0	8	28	134	591	1441	2425	3646 *	5228 *	7036 *
-29.0	0	8	26	119	499	1208	1998	3001 *	4226 *	5622 *
-33.0	0	8	23	101	416	955	1526	2334	3201 *	4230 *
-37.5	0	7	21	80	326	723	1113	1672	2293	2967 *
-42.5	0	7	19	61	238	517	778	1146	1550	1977
-47.5	0	6	16	44	164	362	538	780	1029	1324
-55.0	0	5	13	24	79	172	257	356	466	568
-65.0	0	4	8	13	18	38	63	93	125	155
-75.0	0	2	4	6	7	8	9	9	10	11
-85.0	0	1	1	2	3	4	4	4	4	5
-90.0	0	0	0	0	0	0	0	0	0	0

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : PFL-LED-34L-PC-WF-50-80-HGS.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	0	0	0	0	0	0	0	0	0	0
85.0	23	24	25	25	26	26	27	28	28	27
75.0	116	128	138	146	151	153	155	156	157	160
65.0	333	360	384	402	414	424	429	432	434	433
55.0	875	952	1033	1114	1169	1217	1249	1267	1277	1295
47.5	1749	2012	2243	2423	2575	2712 *	2833 *	2932 *	3010 *	3056 *
42.5	2759 *	3165 *	3604 *	3936 *	4175 *	4408 *	4625 *	4797 *	4924 *	5019 *
37.5	4102 *	4700 *	5333 *	5838 *	6201 *	6568 *	6892 *	7165 *	7361 *	7509 *
33.0	5455 *	6357 *	7285 *	8077 *	8669 *	9206 *	9776 *	10280 *	10653 *	10933 *
29.0	6973 *	8287 *	9625 *	10758 *	11689 *	12636 *	13365 *	13983 *	14496 *	14897 *
25.5	8565 *	10293 *	12093 *	13723 *	14784 *	15678 *	16469 *	17116 *	17646 *	18006 *
22.5	10102 *	12217 *	14342 *	15946 *	17088 *	17926 *	18621 *	19149 *	19601 *	19921 *
19.5	11685 *	14082 *	16209 *	17781 *	18884 *	19728 *	20334 *	20770 *	21118 *	21350 *
17.0	13034 *	15454 *	17561 *	19092 *	20189 *	20883 *	21456 *	21861 *	22154 *	22336 *
15.0	13995 *	16444 *	18485 *	20051 *	21006 *	21729 *	22201 *	22605 *	22882 *	23048 *
13.0	14868 *	17339 *	19329 *	20857 *	21860 *	22428 *	22903 *	23261 *	23547 *	23710 *
11.0	15706 *	18163 *	20103 *	21673 *	22529 *	23103 *	23523 *	23865 *	24136 *	24290 *
9.0	16381 *	18795 *	20738 *	22207 *	23146 *	23661 *	24058 *	24367 *	24618 *	24786 *
7.0	16938 *	19348 *	21299 *	22740 *	23593 *	24140 *	24502 *	24765 *	25008 *	25183 *
5.0	17384 *	19813 *	21736 *	23190 *	23952 *	24478 *	24856 *	25104 *	25281 *	25456 *
3.0	17704 *	20169 *	22070 *	23493 *	24293 *	24748 *	25070 *	25329 *	25531 *	25631 *
1.0	17862 *	20398 *	22297 *	23698 *	24578 *	24983 *	25289 *	25499 *	25641 *	25726 *
0.0	17885 *	20426 *	22379 *	23778 *	24600 *	25007 *	25315 *	25536 *	25680 *	25759 *
-1.0	17947 *	20498 *	22394 *	23781 *	24649 *	25049 *	25356 *	25589 *	25748 *	25810 *
-3.0	17943 *	20444 *	22351 *	23777 *	24601 *	25071 *	25403 *	25656 *	25849 *	25907 *
-5.0	17744 *	20226 *	22189 *	23681 *	24489 *	25034 *	25420 *	25634 *	25757 *	25867 *
-7.0	17417 *	19896 *	21944 *	23455 *	24347 *	24892 *	25221 *	25442 *	25615 *	25786 *
-9.0	16985 *	19477 *	21550 *	23090 *	24038 *	24557 *	24927 *	25188 *	25420 *	25568 *
-11.0	16433 *	18974 *	21041 *	22617 *	23505 *	24133 *	24539 *	24880 *	25124 *	25240 *
-13.0	15737 *	18319 *	20434 *	21961 *	22983 *	23615 *	24099 *	24477 *	24693 *	24822 *
-15.0	15007 *	17591 *	19752 *	21322 *	22307 *	23063 *	23549 *	23930 *	24140 *	24320 *
-17.0	14147 *	16740 *	18940 *	20491 *	21603 *	22335 *	22909 *	23280 *	23543 *	23736 *
-19.5	12930 *	15330 *	17739 *	19267 *	20404 *	21300 *	21937 *	22346 *	22671 *	22911 *
-22.5	11039 *	13355 *	15513 *	17123 *	18259 *	19182 *	19895 *	20394 *	20877 *	21265 *
-25.5	9060 *	11141 *	13170 *	14570 *	15711 *	16619 *	17281 *	17969 *	18422 *	18658 *
-29.0	7121 *	8568 *	10175 *	11655 *	12748 *	13700 *	14556 *	15387 *	15986 *	16206 *
-33.0	5234 *	6202 *	7178 *	8162 *	8850 *	9469 *	10200 *	10827 *	11260 *	11550 *
-37.5	3602 *	4171 *	4848 *	5384 *	5763 *	6228 *	6646 *	6997 *	7161 *	7226 *
-42.5	2407	2798 *	3192 *	3491 *	3743 *	3985 *	4204 *	4368 *	4488 *	4582 *
-47.5	1599	1846	2100	2317	2486	2641 *	2778 *	2875 *	2959 *	3028 *
-55.0	679	771	864	947	1007	1062	1099	1123	1140	1149
-65.0	181	203	227	248	263	277	288	297	305	311
-75.0	12	12	12	12	12	12	12	11	11	11
-85.0	6	6	7	7	7	7	7	7	7	7
-90.0	0	0	0	0	0	0	0	0	0	0

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	0	0	0	0	0	0	0	0	0	0
85.0	27	28	28	28	27	27	28	28	27	26
75.0	160	159	159	159	160	160	157	156	155	153
65.0	435	434	433	434	435	433	434	432	429	424

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : PFL-LED-34L-PC-WF-50-80-HGS.IES**

**CANDELA TABULATION - (Cont.)**

55.0	1313	1302	1296	1302	1313	1295	1277	1267	1249	1217
47.5	3091 *	3114 *	3125 *	3114 *	3091 *	3056 *	3010 *	2932 *	2833 *	2712 *
42.5	5122 *	5125 *	5126 *	5125 *	5122 *	5019 *	4924 *	4797 *	4625 *	4408 *
37.5	7667 *	7679 *	7657 *	7679 *	7667 *	7509 *	7361 *	7165 *	6892 *	6568 *
33.0	11168 *	11221 *	11201 *	11221 *	11168 *	10933 *	10653 *	10280 *	9776 *	9206 *
29.0	15196 *	15297 *	15275 *	15297 *	15196 *	14897 *	14496 *	13983 *	13365 *	12636 *
25.5	18252 *	18367 *	18351 *	18367 *	18252 *	18006 *	17646 *	17116 *	16469 *	15678 *
22.5	20128 *	20245 *	20217 *	20245 *	20128 *	19921 *	19601 *	19149 *	18621 *	17926 *
19.5	21530 *	21578 *	21565 *	21578 *	21530 *	21350 *	21118 *	20770 *	20334 *	19728 *
17.0	22465 *	22519 *	22557 *	22519 *	22465 *	22336 *	22154 *	21861 *	21456 *	20883 *
15.0	23168 *	23210 *	23251 *	23210 *	23168 *	23048 *	22882 *	22605 *	22201 *	21729 *
13.0	23814 *	23803 *	23866 *	23803 *	23814 *	23710 *	23547 *	23261 *	22903 *	22428 *
11.0	24391 *	24367 *	24424 *	24367 *	24391 *	24290 *	24136 *	23865 *	23523 *	23103 *
9.0	24878 *	24901 *	24919 *	24901 *	24878 *	24786 *	24618 *	24367 *	24058 *	23661 *
7.0	25290 *	25349 *	25343 *	25349 *	25290 *	25183 *	25008 *	24765 *	24502 *	24140 *
5.0	25590 *	25682 *	25677 *	25682 *	25590 *	25456 *	25281 *	25104 *	24856 *	24478 *
3.0	25752 *	25901 *	25933 *	25901 *	25752 *	25631 *	25531 *	25329 *	25070 *	24748 *
1.0	25799 *	25897 *	25938 *	25897 *	25799 *	25726 *	25641 *	25499 *	25289 *	24983 *
0.0	25797 *	25862 *	25899 *	25862 *	25797 *	25759 *	25680 *	25536 *	25315 *	25007 *
-1.0	25884 *	25914 *	25953 *	25914 *	25884 *	25810 *	25748 *	25589 *	25356 *	25049 *
-3.0	25926 *	26002 *	26035 *	26002 *	25926 *	25907 *	25849 *	25656 *	25403 *	25071 *
-5.0	25955 *	25996 *	26034 *	25996 *	25955 *	25867 *	25757 *	25634 *	25420 *	25034 *
-7.0	25860 *	25881 *	25909 *	25881 *	25860 *	25786 *	25615 *	25442 *	25221 *	24892 *
-9.0	25644 *	25657 *	25688 *	25657 *	25644 *	25568 *	25420 *	25188 *	24927 *	24557 *
-11.0	25322 *	25335 *	25388 *	25335 *	25322 *	25240 *	25124 *	24880 *	24539 *	24133 *
-13.0	24912 *	24936 *	25004 *	24936 *	24912 *	24822 *	24693 *	24477 *	24099 *	23615 *
-15.0	24422 *	24470 *	24514 *	24470 *	24422 *	24320 *	24140 *	23930 *	23549 *	23063 *
-17.0	23826 *	23867 *	23912 *	23867 *	23826 *	23736 *	23543 *	23280 *	22909 *	22335 *
-19.5	23009 *	23076 *	23132 *	23076 *	23009 *	22911 *	22671 *	22346 *	21937 *	21300 *
-22.5	21450 *	21494 *	21430 *	21494 *	21450 *	21265 *	20877 *	20394 *	19895 *	19182 *
-25.5	18770 *	18830 *	18846 *	18830 *	18770 *	18658 *	18422 *	17969 *	17281 *	16619 *
-29.0	16353 *	16406 *	16394 *	16406 *	16353 *	16206 *	15986 *	15387 *	14556 *	13700 *
-33.0	11722 *	11797 *	11798 *	11797 *	11722 *	11550 *	11260 *	10827 *	10200 *	9469 *
-37.5	7209 *	7247 *	7235 *	7247 *	7209 *	7226 *	7161 *	6997 *	6646 *	6228 *
-42.5	4674 *	4669 *	4666 *	4669 *	4674 *	4582 *	4488 *	4368 *	4204 *	3985 *
-47.5	3097 *	3111 *	3118 *	3111 *	3097 *	3028 *	2959 *	2875 *	2778 *	2641 *
-55.0	1158	1146	1140	1146	1158	1149	1140	1123	1099	1062
-65.0	316	315	314	315	316	311	305	297	288	277
-75.0	11	10	10	10	11	11	11	11	12	12
-85.0	7	7	7	7	7	7	7	7	7	7
-90.0	0	0	0	0	0	0	0	0	0	0

**Vert. Horizontal 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	0	0	0	0	0	0	0	0	0	0
85.0	26	25	25	24	23	22	21	20	20	19
75.0	151	146	138	128	116	99	81	67	53	39
65.0	414	402	384	360	333	298	258	215	166	124
55.0	1169	1114	1033	952	875	767	653	529	407	301
47.5	2575	2423	2243	2012	1749	1504	1234	962	705	507
42.5	4175 *	3936 *	3604 *	3165 *	2759 *	2308	1842	1393	984	683
37.5	6201 *	5838 *	5333 *	4700 *	4102 *	3398 *	2675 *	1983	1357	905
33.0	8669 *	8077 *	7285 *	6357 *	5455 *	4497 *	3542 *	2614 *	1750	1131
29.0	11689 *	10758 *	9625 *	8287 *	6973 *	5652 *	4367 *	3212 *	2131	1357
25.5	14784 *	13723 *	12093 *	10293 *	8565 *	6775 *	5161 *	3761 *	2478	1551

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : PFL-LED-34L-PC-WF-50-80-HGS.IES**

**CANDELA TABULATION - (Cont.)**

22.5	17088 *	15946 *	14342 *	12217 *	10102 *	7910 *	5900 *	4228 *	2786 *	1744
19.5	18884 *	17781 *	16209 *	14082 *	11685 *	9126 *	6643 *	4720 *	3094 *	1913
17.0	20189 *	19092 *	17561 *	15454 *	13034 *	10145 *	7366 *	5120 *	3303 *	2047
15.0	21006 *	20051 *	18485 *	16444 *	13995 *	10893 *	7939 *	5413 *	3484 *	2166
13.0	21860 *	20857 *	19329 *	17339 *	14868 *	11733 *	8438 *	5743 *	3676 *	2269
11.0	22529 *	21673 *	20103 *	18163 *	15706 *	12486 *	8936 *	6027 *	3841 *	2356
9.0	23146 *	22207 *	20738 *	18795 *	16381 *	13144 *	9395 *	6259 *	3968 *	2427
7.0	23593 *	22740 *	21299 *	19348 *	16938 *	13651 *	9761 *	6442 *	4060 *	2481
5.0	23952 *	23190 *	21736 *	19813 *	17384 *	14033 *	10032 *	6577 *	4118 *	2523
3.0	24293 *	23493 *	22070 *	20169 *	17704 *	14303 *	10213 *	6671 *	4188 *	2576
1.0	24578 *	23698 *	22297 *	20398 *	17862 *	14427 *	10348 *	6736 *	4185 *	2581
0.0	24600 *	23778 *	22379 *	20426 *	17885 *	14438 *	10381 *	6740 *	4183 *	2584
-1.0	24649 *	23781 *	22394 *	20498 *	17947 *	14519 *	10431 *	6779 *	4190 *	2580
-3.0	24601 *	23777 *	22351 *	20444 *	17943 *	14574 *	10458 *	6796 *	4203 *	2573
-5.0	24489 *	23681 *	22189 *	20226 *	17744 *	14406 *	10338 *	6741 *	4138 *	2517
-7.0	24347 *	23455 *	21944 *	19896 *	17417 *	14121 *	10111 *	6616 *	4082 *	2474
-9.0	24038 *	23090 *	21550 *	19477 *	16985 *	13701 *	9785 *	6436 *	3999 *	2418
-11.0	23505 *	22617 *	21041 *	18974 *	16433 *	13143 *	9367 *	6201 *	3891 *	2346
-13.0	22983 *	21961 *	20434 *	18319 *	15737 *	12480 *	8892 *	5920 *	3757 *	2259
-15.0	22307 *	21322 *	19752 *	17591 *	15007 *	11718 *	8414 *	5593 *	3588 *	2156
-17.0	21603 *	20491 *	18940 *	16740 *	14147 *	10976 *	7869 *	5282 *	3383 *	2038
-19.5	20404 *	19267 *	17739 *	15330 *	12930 *	9811 *	7086 *	4817 *	3111 *	1885
-22.5	18259 *	17123 *	15513 *	13355 *	11039 *	8391 *	6160 *	4204 *	2759 *	1681
-25.5	15711 *	14570 *	13170 *	11141 *	9060 *	7036 *	5228 *	3646 *	2425	1441
-29.0	12748 *	11655 *	10175 *	8568 *	7121 *	5622 *	4226 *	3001 *	1998	1208
-33.0	8850 *	8162 *	7178 *	6202 *	5234 *	4230 *	3201 *	2334	1526	955
-37.5	5763 *	5384 *	4848 *	4171 *	3602 *	2967 *	2293	1672	1113	723
-42.5	3743 *	3491 *	3192 *	2798 *	2407	1977	1550	1146	778	517
-47.5	2486	2317	2100	1846	1599	1324	1029	780	538	362
-55.0	1007	947	864	771	679	568	466	356	257	172
-65.0	263	248	227	203	181	155	125	93	63	38
-75.0	12	12	12	12	12	11	10	9	9	8
-85.0	7	7	7	6	6	5	4	4	4	4
-90.0	0	0	0	0	0	0	0	0	0	0

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	0	0	0	0	0
85.0	17	12	6	1	0
75.0	25	18	12	4	0
65.0	71	27	16	6	0
55.0	170	56	20	7	0
47.5	272	85	23	8	0
42.5	353	107	27	9	0
37.5	448	128	30	9	0
33.0	540	148	33	9	0
29.0	613	165	36	9	0
25.5	687	178	38	10	0
22.5	742	187	40	10	0
19.5	793	196	41	10	0
17.0	840	201	41	10	0
15.0	873	204	42	10	0
13.0	901	205	42	10	0
11.0	924	206	42	10	0
9.0	941	207	42	10	0

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : PFL-LED-34L-PC-WF-50-80-HGS.IES**

**CANDELA TABULATION - (Cont.)**

7.0	953	208	42	10	0
5.0	965	208	42	10	0
3.0	977	208	42	10	0
1.0	970	205	41	10	0
0.0	966	204	41	10	0
-1.0	966	204	41	10	0
-3.0	967	203	40	10	0
-5.0	949	199	40	10	0
-7.0	932	195	39	10	0
-9.0	913	191	38	10	0
-11.0	890	185	37	10	0
-13.0	860	181	36	9	0
-15.0	825	176	35	9	0
-17.0	783	169	34	9	0
-19.5	724	160	32	9	0
-22.5	660	147	31	9	0
-25.5	591	134	28	8	0
-29.0	499	119	26	8	0
-33.0	416	101	23	8	0
-37.5	326	80	21	7	0
-42.5	238	61	19	7	0
-47.5	164	44	16	6	0
-55.0	79	24	13	5	0
-65.0	18	13	8	4	0
-75.0	7	6	4	2	0
-85.0	3	2	1	1	0
-90.0	0	0	0	0	0

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : PFL-LED-34L-PC-WF-50-80-HGS.IES**

**LUMEN TABULATION**

Average Of Right And Left Sides

Total Luminaire Lumens (one side of beam only) = 14029.82

Total Field Lumens (one side of beam only) = 13034.61

\* 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	0.02	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
75	0.28	0.57	0.57	0.56	0.56	0.55	0.54	0.53	0.51	0.60
65	0.90	1.81	1.80	1.79	1.78	1.76	1.73	1.69	1.63	1.93
55	2.64	5.30	5.28	5.21	5.14	5.07	4.94	4.76	4.54	5.30
47.5	5.05	10.07	9.98	9.81	9.60	9.32	8.95	8.50	7.99	9.24
42.5	6.28 *	12.52 *	12.37 *	12.12 *	11.81 *	11.39 *	10.86 *	10.25 *	9.60 *	11.03 *
37.5	9.74 *	19.48 *	19.23 *	18.79 *	18.28 *	17.61 *	16.75 *	15.78 *	14.75 *	16.91 *
33	12.94 *	25.85 *	25.49 *	24.85 *	24.07 *	23.02 *	21.75 *	20.38 *	18.96 *	21.59 *
29	16.14 *	32.20 *	31.72 *	30.89 *	29.81 *	28.44 *	26.80 *	24.94 *	22.95 *	25.85 *
25.5	17.93 *	35.75 *	35.28 *	34.48 *	33.38 *	31.99 *	30.32 *	28.34 *	26.11 *	29.23 *
22.5	17.63 *	35.16 *	34.78 *	34.16 *	33.26 *	32.11 *	30.70 *	29.03 *	27.03 *	30.43 *
19.5	19.10 *	38.12 *	37.80 *	37.26 *	36.49 *	35.49 *	34.24 *	32.64 *	30.61 *	34.86 *
17	16.79 *	33.52 *	33.30 *	32.93 *	32.39 *	31.66 *	30.69 *	29.44 *	27.80 *	31.93 *
15	13.94 *	27.81 *	27.66 *	27.39 *	27.00 *	26.43 *	25.70 *	24.77 *	23.52 *	27.19 *
13	14.34 *	28.61 *	28.48 *	28.23 *	27.84 *	27.29 *	26.59 *	25.72 *	24.53 *	28.47 *
11	14.69 *	29.34 *	29.23 *	28.99 *	28.60 *	28.06 *	27.40 *	26.58 *	25.45 *	29.64 *
9	15.02 *	30.00 *	29.88 *	29.64 *	29.25 *	28.74 *	28.11 *	27.32 *	26.22 *	30.63 *
7	15.31 *	30.57 *	30.43 *	30.17 *	29.79 *	29.31 *	28.71 *	27.94 *	26.85 *	31.45 *
5	15.54 *	31.02 *	30.85 *	30.57 *	30.21 *	29.77 *	29.19 *	28.42 *	27.37 *	32.17 *
3	15.72 *	31.33 *	31.12 *	30.87 *	30.54 *	30.11 *	29.54 *	28.81 *	27.80 *	32.72 *
1	15.79 *	31.46 *	31.27 *	31.06 *	30.77 *	30.35 *	29.82 *	29.14 *	28.13 *	33.11 *
0	7.89 *	15.73 *	15.66 *	15.57 *	15.44 *	15.24 *	14.99 *	14.65 *	14.15 *	16.66 *
-1	7.89 *	15.75 *	15.69 *	15.60 *	15.47 *	15.27 *	15.01 *	14.67 *	14.17 *	16.69 *
	15.82 *	31.58 *	31.46 *	31.30 *	31.02 *	30.60 *	30.06 *	29.37 *	28.35 *	33.38 *



**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : PFL-LED-34L-PC-WF-50-80-HGS.IES**

**LUMENS TABULATION - (Cont.)**

<b>-3</b>	15.85 *	31.62 *	31.50 *	31.32 *	31.04 *	30.63 *	30.07 *	29.32 *	28.27 *	33.27 *
<b>-5</b>	15.81 *	31.57 *	31.44 *	31.21 *	30.90 *	30.51 *	29.96 *	29.19 *	28.10 *	33.00 *
<b>-7</b>	15.71 *	31.37 *	31.25 *	31.02 *	30.67 *	30.23 *	29.67 *	28.92 *	27.80 *	32.56 *
<b>-9</b>	15.55 *	31.04 *	30.93 *	30.70 *	30.35 *	29.86 *	29.25 *	28.44 *	27.30 *	31.93 *
<b>-11</b>	15.33 *	30.60 *	30.48 *	30.26 *	29.91 *	29.40 *	28.72 *	27.85 *	26.66 *	31.12 *
<b>-13</b>	15.07 *	30.06 *	29.92 *	29.68 *	29.33 *	28.81 *	28.10 *	27.18 *	25.93 *	30.18 *
<b>-15</b>	14.74 *	29.40 *	29.26 *	29.00 *	28.62 *	28.10 *	27.37 *	26.40 *	25.10 *	29.11 *
<b>-17</b>	17.89 *	35.68 *	35.51 *	35.16 *	34.63 *	33.92 *	32.95 *	31.64 *	29.93 *	34.55 *
<b>-19.5</b>	20.36 *	40.65 *	40.40 *	39.86 *	39.04 *	38.05 *	36.79 *	35.09 *	32.96 *	37.77 *
<b>-22.5</b>	18.41 *	36.78 *	36.53 *	36.00 *	35.14 *	33.99 *	32.61 *	30.93 *	28.84 *	32.75 *
<b>-25.5</b>	18.78 *	37.48 *	37.22 *	36.72 *	35.77 *	34.22 *	32.41 *	30.40 *	28.02 *	31.37 *
<b>-29</b>	17.18 *	34.26 *	33.93 *	33.32 *	32.25 *	30.58 *	28.56 *	26.46 *	24.25 *	26.88 *
<b>-33</b>	13.05 *	26.01 *	25.78 *	25.35 *	24.60 *	23.40 *	21.82 *	20.16 *	18.55 *	20.80 *
<b>-37.5</b>	9.07 *	18.11 *	18.00 *	17.76 *	17.35 *	16.66 *	15.69 *	14.57 *	13.45 *	15.29 *
<b>-42.5</b>	5.93 *	11.83 *	11.68 *	11.40 *	11.08 *	10.67 *	10.14 *	9.50 *	8.81 *	10.03 *
<b>-47.5</b>	4.86	9.72	9.61	9.40	9.16	8.86	8.47	7.98	7.42	8.44
<b>-55</b>	2.22	4.47	4.46	4.40	4.32	4.21	4.06	3.86	3.61	4.13
<b>-65</b>	0.49	0.99	0.99	0.97	0.94	0.91	0.88	0.83	0.78	0.90
<b>-75</b>	0.03	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07
<b>-85</b>	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
<b>-90</b>										
<b>Total</b>	513.73	1025.29	1018.31	1005.89	987.70	962.68	931.02	892.48	844.91	975.23

**Vert. Horizontal Angles**

<b>Angles</b>	<b>19.5</b>	<b>22.5</b>	<b>25.5</b>	<b>29</b>	<b>33</b>	<b>37.5</b>	<b>42.5</b>	<b>47.5</b>	<b>55</b>	<b>65</b>
<b>90</b>	0.05	0.05	0.05	0.06	0.06	0.06	0.05	0.06	0.06	0.02
<b>85</b>	0.67	0.61	0.62	0.58	0.53	0.47	0.35	0.36	0.27	0.12
<b>75</b>	2.15	1.96	2.00	1.92	1.74	1.46	1.03	0.93	0.54	0.19
<b>65</b>	5.82	5.26	5.39	5.16	4.63	3.84	2.69	2.38	1.23	0.31
<b>55</b>	9.98	8.75	8.70	8.14	7.09	5.69	3.88	3.35	1.66	0.36

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : PFL-LED-34L-PC-WF-50-80-HGS.IES**

**LUMENS TABULATION - (Cont.)**

<b>47.5</b>										
	11.76 *	10.11	9.86	8.99	7.60	5.90	3.87	3.24	1.55	0.31
<b>42.5</b>	17.92 *	15.37 *	14.89 *	13.34	11.04	8.34	5.29	4.27	1.97	0.38
<b>37.5</b>	22.72 *	19.36 *	18.61 *	16.58 *	13.62 *	10.11	6.23	4.86	2.16	0.40
<b>33</b>	26.92 *	22.60 *	21.40 *	18.86 *	15.37 *	11.32	6.86	5.20	2.23	0.40
<b>29</b>	30.08 *	24.92 *	23.19 *	20.06 *	16.16 *	11.82 *	7.08	5.26	2.19	0.38
<b>25.5</b>	31.31 *	25.78 *	23.71 *	20.16 *	15.99 *	11.59 *	6.91	5.06	2.05	0.35
<b>22.5</b>	36.37 *	30.10 *	27.59 *	23.17 *	18.04 *	12.97 *	7.70	5.56	2.19	0.36
<b>19.5</b>	33.75 *	28.31 *	26.06 *	21.72 *	16.68 *	11.84 *	6.97	5.00	1.93	0.31
<b>17</b>	28.98 *	24.59 *	22.78 *	18.98 *	14.46 *	10.10 *	5.92 *	4.23	1.61	0.25
<b>15</b>	30.54 *	26.15 *	24.40 *	20.36 *	15.41 *	10.68 *	6.24 *	4.44	1.66	0.26
<b>13</b>	31.96 *	27.58 *	25.96 *	21.72 *	16.31 *	11.25 *	6.54 *	4.61	1.70	0.26
<b>11</b>	33.18 *	28.82 *	27.35 *	22.95 *	17.13 *	11.72 *	6.78 *	4.75	1.73	0.26
<b>9</b>	34.20 *	29.83 *	28.48 *	23.99 *	17.83 *	12.09 *	6.96 *	4.86	1.76	0.26
<b>7</b>	35.06 *	30.67 *	29.38 *	24.79 *	18.36 *	12.36 *	7.10 *	4.95	1.78	0.26
<b>5</b>	35.74 *	31.33 *	30.05 *	25.36 *	18.74 *	12.57 *	7.22 *	5.03	1.79	0.26
<b>3</b>	36.23 *	31.78 *	30.47 *	25.74 *	19.01 *	12.70 *	7.28 *	5.08	1.79	0.26
<b>1</b>	18.23 *	15.98 *	15.31 *	12.95 *	9.57 *	6.37 *	3.64 *	2.54	0.89	0.13
<b>0</b>	18.28 *	16.02 *	15.35 *	12.99 *	9.61 *	6.38 *	3.64 *	2.54	0.89	0.13
<b>-1</b>	36.55 *	32.07 *	30.79 *	26.10 *	19.29 *	12.81 *	7.29 *	5.06	1.78	0.25
<b>-3</b>	36.34 *	31.87 *	30.64 *	25.99 *	19.21 *	12.76 *	7.23 *	5.01	1.76	0.25
<b>-5</b>	35.94 *	31.42 *	30.18 *	25.57 *	18.92 *	12.58 *	7.11 *	4.91	1.73	0.25
<b>-7</b>	35.35 *	30.79 *	29.48 *	24.91 *	18.44 *	12.32 *	6.98 *	4.81	1.70	0.24
<b>-9</b>	34.57 *	30.00 *	28.55 *	24.01 *	17.79 *	11.97 *	6.81 *	4.69	1.66	0.23
<b>-11</b>	33.60 *	28.99 *	27.38 *	22.91 *	17.00 *	11.53 *	6.60 *	4.54	1.61	0.23
<b>-13</b>	32.46 *	27.82 *	26.03 *	21.67 *	16.13 *	11.00 *	6.33 *	4.36	1.55	0.22
<b>-15</b>	31.15 *	26.50 *	24.57 *	20.35 *	15.20 *	10.41 *	6.01 *	4.15	1.49	0.22
<b>-17</b>	36.65 *	30.86 *	28.35 *	23.33 *	17.52 *	12.10 *	7.01 *	4.85	1.75	0.26
<b>-19.5</b>	39.63 *	32.96 *	29.97 *	24.63 *	18.69 *	13.03 *	7.62	5.31	1.93	0.29

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : PFL-LED-34L-PC-WF-50-80-HGS.IES**

**LUMENS TABULATION - (Cont.)**

<b>-22.5</b>	34.02 *	27.92 *	25.25 *	21.00 *	16.15 *	11.40 *	6.71	4.69	1.75	0.27
<b>-25.5</b>	32.14 *	26.21 *	23.91 *	20.20 *	15.77 *	11.30 *	6.66	4.68	1.79	0.28
<b>-29</b>	27.40 *	22.64 *	21.05 *	18.04 *	14.28 *	10.33	6.12	4.40	1.73	0.28
<b>-33</b>	21.50 *	18.04 *	17.09 *	14.91 *	11.96	8.72	5.23	3.89	1.58	0.26
<b>-37.5</b>	16.00 *	13.54 *	12.98 *	11.47	9.32	6.87	4.21	3.22	1.34	0.24
<b>-42.5</b>	10.59	9.03	8.66	7.68	6.30	4.73	2.95	2.29	0.96	0.18
<b>-47.5</b>	8.93	7.66	7.41	6.63	5.52	4.22	2.68	2.08	0.89	0.19
<b>-55</b>	4.40	3.83	3.75	3.43	2.91	2.24	1.43	1.10	0.51	0.15
<b>-65</b>	0.97	0.85	0.85	0.79	0.66	0.51	0.32	0.25	0.17	0.08
<b>-75</b>	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.08	0.07	0.03
<b>-85</b>	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00
<b>-90</b>	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00
<b>Total</b>	1040.18	888.98	838.58	712.27	546.09	382.54	225.62	162.91	63.37	10.62

Vert. Angles	Horizontal Angles			
	<u>75</u>	<u>85</u>	<u>90</u>	<u>Total</u>
<b>90</b>				
	0.00	0.00	0.92	
<b>85</b>				
	0.03	0.00	9.88	
<b>75</b>				
	0.05	0.00	30.79	
<b>65</b>				
	0.06	0.00	84.96	
<b>55</b>				
	0.06	0.00	146.16	
<b>47.5</b>				
	0.04	0.00	171.47	
<b>42.5</b>				
	0.05	0.00	260.18	
<b>37.5</b>				
	0.05	0.00	333.57	
<b>33</b>				
	0.05	0.00	400.94	
<b>29</b>				
	0.04	0.00	444.00	
<b>25.5</b>				
	0.04	0.00	447.24	
<b>22.5</b>				
	0.04	0.00	500.71	
<b>19.5</b>				
	0.03	0.00	453.04	
<b>17</b>				
	0.03	0.00	383.35	

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : PFL-LED-34L-PC-WF-50-80-HGS.IES**

**LUMENS TABULATION - (Cont.)**

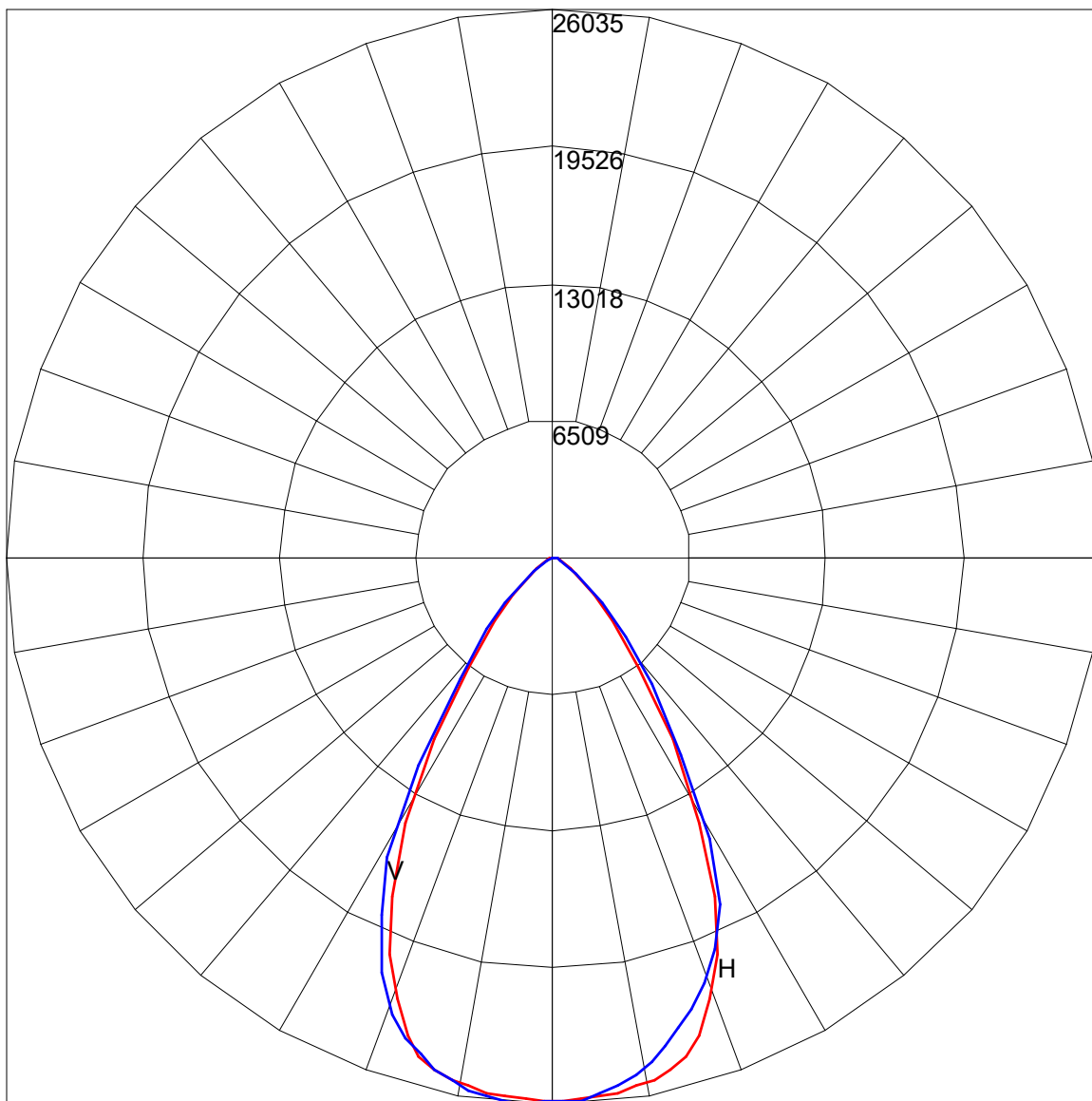
<b>15</b>	0.03	0.00	400.26
<b>13</b>	0.03	0.00	415.88
<b>11</b>	0.03	0.00	429.52
<b>9</b>	0.03	0.00	440.80
<b>7</b>	0.03	0.00	449.84
<b>5</b>	0.03	0.00	456.68
<b>3</b>	0.03	0.00	461.25
<b>1</b>	0.01	0.00	231.61
<b>0</b>	0.01	0.00	232.04
<b>-1</b>	0.03	0.00	464.94
<b>-3</b>	0.03	0.00	463.97
<b>-5</b>	0.03	0.00	460.33
<b>-7</b>	0.03	0.00	454.24
<b>-9</b>	0.03	0.00	445.65
<b>-11</b>	0.02	0.00	434.73
<b>-13</b>	0.02	0.00	421.87
<b>-15</b>	0.02	0.00	407.15
<b>-17</b>	0.03	0.00	484.57
<b>-19.5</b>	0.03	0.00	535.07
<b>-22.5</b>	0.03	0.00	471.16
<b>-25.5</b>	0.03	0.00	465.37
<b>-29</b>	0.03	0.00	413.99
<b>-33</b>	0.04	0.00	322.74
<b>-37.5</b>	0.04	0.00	235.18
<b>-42.5</b>	0.03	0.00	154.48
<b>-47.5</b>	0.04	0.00	130.17
<b>-55</b>	0.04	0.00	63.52
<b>-65</b>	0.02	0.00	14.16

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : PFL-LED-34L-PC-WF-50-80-HGS.IES**

**LUMENS TABULATION - (Cont.)**

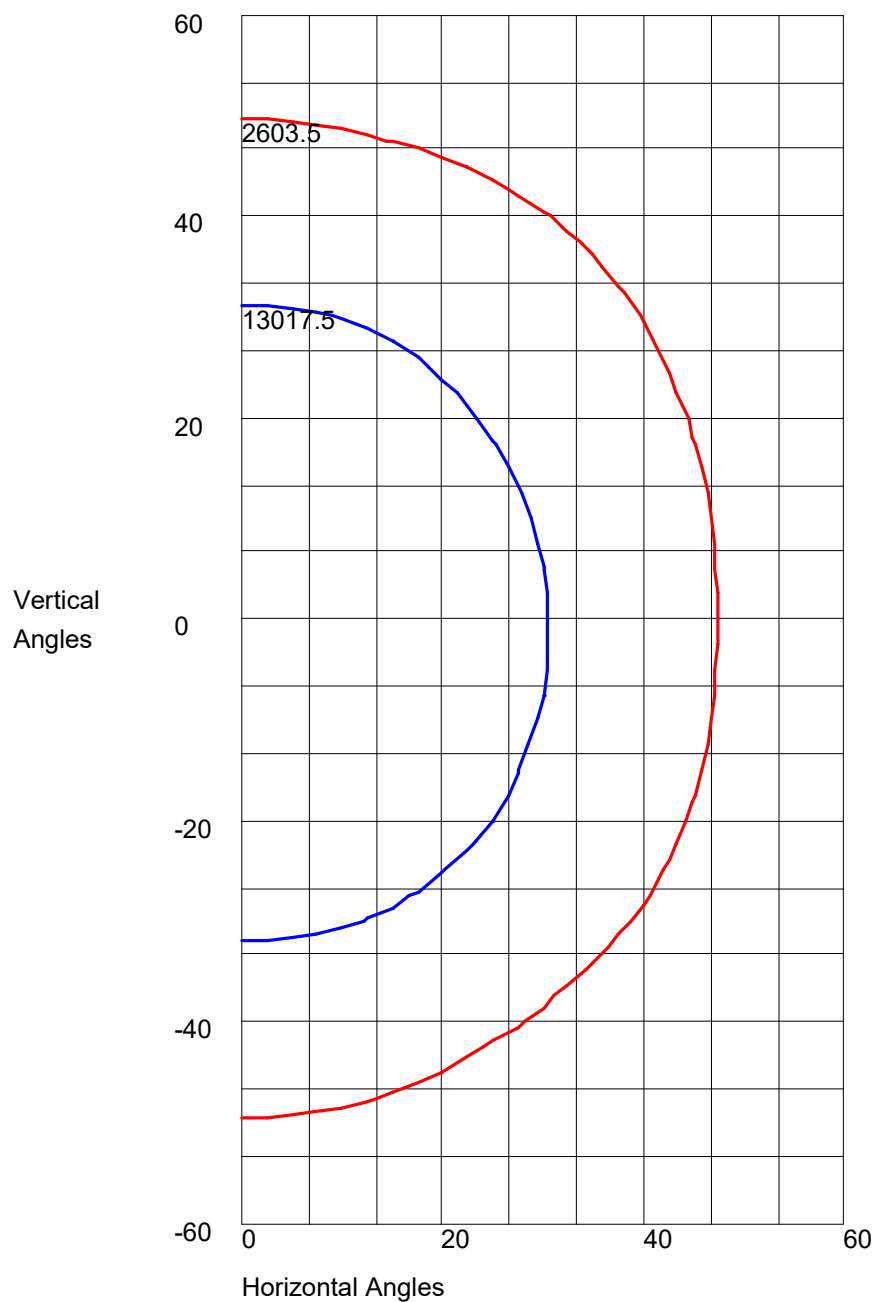
<b>-75</b>	0.01	0.00	1.26
<b>-85</b>	0.00	0.00	0.21
<b>-90</b>			
<b>Total</b>	1.37	0.04	14029.83

AXIAL CANDELA DISPLAY



Maximum Candela = 26035 Located At Horizontal Angle = 0, Vertical Angle = -3  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 26035 Located At Horizontal Angle = 0, Vertical Angle = -3  
50% Maximum Candela = 13017.5  
10% Maximum Candela = 2603.5