



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

**DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
[TEST] LED-12616  
[TESTLAB] LSI INDUSTRIES, INC.  
[ISSUEDATE] 04/01/21  
[TESTDATE] 03/17/21  
[MANUFAC] LSI INDUSTRIES, INC.  
[LUMCAT] PFL-LED-34L-PC-NF-50-80-FGS  
[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	3 H x 3 V
Maximum Candela	124253
Maximum Candela Angle	0H -3V
Horizontal Beam Angle (50%)	26.7
Vertical Beam Angle (50%)	28.5
Horizontal Field Angle (10%)	42.3
Vertical Field Angle (10%)	45.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	18243
Beam Efficiency	N.A.
Field Lumens	27030
Field Efficiency	N.A.
Spill Lumens	6080
Luminaire Lumens	33111
Total Efficiency	N.A.
Total Luminaire Watts	278
Ballast Factor	1.00



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**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	7	85	22
75	26	75	43
65	119	65	574
55	552	55	1281
47.5	790	47.5	1620
42.5	993	42.5	1563
37.5	1346	37.5	1693
33	2010	33	2457
29	3354	29	4318
25.5	5406	25.5	7269
22.5	8816	22.5	12518
19.5	17026	19.5	22941
17	30562	17	37533
15	46938	15	54037
13	66422	13	75116
11	85167	11	94595
9	100421	9	109646
7	111007	7	119196
5	117326	5	123918
3	121132	3	124253
1	122709	1	123610
0	123126	0	123126
-1	122709	-1	123610
-3	121132	-3	124253
-5	117326	-5	123918
-7	111007	-7	119196
-9	100421	-9	109646
-11	85167	-11	94595
-13	66422	-13	75116
-15	46938	-15	54037
-17	30562	-17	37533
-19.5	17026	-19.5	22941
-22.5	8816	-22.5	12518
-25.5	5406	-25.5	7269
-29	3354	-29	4318
-33	2010	-33	2457
-37.5	1346	-37.5	1693
-42.5	993	-42.5	1563
-47.5	790	-47.5	1620
-55	552	-55	1281
-65	119	-65	574
-75	26	-75	43
-85	7	-85	22
-90	0	-90	0

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**CANDELA TABULATION**

Maximum Candela = 124253

Beam Edge = 62126.5 Cd (50% of Max.)

Field Edge = 12425.3 Cd (10% of Max.)

\* Indicates Values Inside Field Edge

<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<b><u>-90.0</u></b>	<b><u>-85.0</u></b>	<b><u>-75.0</u></b>	<b><u>-65.0</u></b>	<b><u>-55.0</u></b>	<b><u>-47.5</u></b>	<b><u>-42.5</u></b>	<b><u>-37.5</u></b>	<b><u>-33.0</u></b>	<b><u>-29.0</u></b>
<b>90.0</b>	0	0	0	0	0	0	0	0	0	0
<b>85.0</b>	0	1	3	11	18	20	21	22	23	24
<b>75.0</b>	0	3	7	12	16	19	21	24	27	31
<b>65.0</b>	0	4	9	16	25	39	73	147	227	282
<b>55.0</b>	0	5	13	24	46	183	333	476	600	708
<b>47.5</b>	0	6	15	31	114	400	603	771	927	1074
<b>42.5</b>	0	6	17	36	198	526	708	883	1035	1173
<b>37.5</b>	0	6	19	41	283	606	775	959	1102	1221
<b>33.0</b>	0	6	20	46	352	656	834	1016	1163	1310
<b>29.0</b>	0	6	21	49	407	696	876	1059	1244	1480
<b>25.5</b>	0	7	22	52	448	729	903	1102	1353	1702
<b>22.5</b>	0	7	23	67	478	750	927	1139	1458	1941
<b>19.5</b>	0	7	24	81	505	764	949	1188	1558	2183
<b>17.0</b>	0	7	24	90	521	770	964	1223	1654	2397
<b>15.0</b>	0	7	25	96	532	778	974	1242	1722	2534
<b>13.0</b>	0	7	25	101	540	784	984	1267	1772	2767
<b>11.0</b>	0	7	25	105	546	788	990	1288	1832	2942
<b>9.0</b>	0	7	26	110	550	790	993	1310	1895	3060
<b>7.0</b>	0	7	26	113	551	790	993	1325	1952	3192
<b>5.0</b>	0	7	26	116	554	789	989	1333	1985	3304
<b>3.0</b>	0	7	26	119	557	793	995	1339	1998	3346
<b>1.0</b>	0	7	26	119	554	791	994	1347	2011	3366
<b>0.0</b>	0	7	26	119	552	790	993	1346	2010	3354
<b>-1.0</b>	0	7	26	119	554	791	994	1347	2011	3366
<b>-3.0</b>	0	7	26	119	557	793	995	1339	1998	3346
<b>-5.0</b>	0	7	26	116	554	789	989	1333	1985	3304
<b>-7.0</b>	0	7	26	113	551	790	993	1325	1952	3192
<b>-9.0</b>	0	7	26	110	550	790	993	1310	1895	3060
<b>-11.0</b>	0	7	25	105	546	788	990	1288	1832	2942
<b>-13.0</b>	0	7	25	101	540	784	984	1267	1772	2767
<b>-15.0</b>	0	7	25	96	532	778	974	1242	1722	2534
<b>-17.0</b>	0	7	24	90	521	770	964	1223	1654	2397
<b>-19.5</b>	0	7	24	81	505	764	949	1188	1558	2183
<b>-22.5</b>	0	7	23	67	478	750	927	1139	1458	1941
<b>-25.5</b>	0	7	22	52	448	729	903	1102	1353	1702
<b>-29.0</b>	0	6	21	49	407	696	876	1059	1244	1480
<b>-33.0</b>	0	6	20	46	352	656	834	1016	1163	1310
<b>-37.5</b>	0	6	19	41	283	606	775	959	1102	1221
<b>-42.5</b>	0	6	17	36	198	526	708	883	1035	1173
<b>-47.5</b>	0	6	15	31	114	400	603	771	927	1074
<b>-55.0</b>	0	5	13	24	46	183	333	476	600	708
<b>-65.0</b>	0	4	9	16	25	39	73	147	227	282
<b>-75.0</b>	0	3	7	12	16	19	21	24	27	31
<b>-85.0</b>	0	1	3	11	18	20	21	22	23	24
<b>-90.0</b>	0	0	0	0	0	0	0	0	0	0

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**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	24	24	25	25	25	24	24	24	23	23
75.0	34	36	38	39	40	41	41	42	42	43
65.0	321	358	405	439	464	486	506	524	541	556
55.0	813	899	981	1045	1094	1141	1179	1212	1242	1268
47.5	1197	1265	1354	1411	1444	1481	1519	1543	1569	1596
42.5	1264	1338	1400	1440	1472	1502	1529	1545	1554	1562
37.5	1318	1392	1486	1560	1605	1654	1690	1712	1717	1709
33.0	1477	1657	1837	1996	2102	2179	2283	2363	2416	2450
29.0	1791	2116	2502	2844	3091	3437	3694	3881	4061	4231
25.5	2172	2753	3484	4167	4846	5488	5968	6496	6849	7120
22.5	2630	3558	4825	6105	7355	8423	9299	10447	11347	12064
19.5	3203	4551	6553	8586	10523	12682 *	14604 *	17160 *	19201 *	20772 *
17.0	3652	5482	7988	10990	13643 *	17666 *	21306 *	25857 *	29985 *	33503 *
15.0	4072	6167	9172	12705 *	17646 *	22746 *	29389 *	35083 *	42279 *	48565 *
13.0	4422	6771	10372	15515 *	21384 *	30150 *	39095 *	49216 *	57698 *	66304 *
11.0	4724	7231	11566	17800 *	26997 *	37857 *	50972 *	63740 *	75722 *	85057 *
9.0	5064	7969	13219 *	21610 *	31763 *	46530 *	62121 *	78057 *	90538 *	101509 *
7.0	5291	8475	14580 *	25072 *	38041 *	54095 *	72205 *	88258 *	102294 *	110415 *
5.0	5450	8813	15507 *	27661 *	43160 *	60879 *	79137 *	95930 *	107304 *	115697 *
3.0	5480	8941	16751 *	29891 *	46339 *	65337 *	83547 *	99304 *	110664 *	117096 *
1.0	5448	8922	17204 *	30861 *	47670 *	66993 *	85311 *	100210 *	110777 *	117554 *
0.0	5406	8816	17026 *	30562 *	46938 *	66422 *	85167 *	100421 *	111007 *	117326 *
-1.0	5448	8922	17204 *	30861 *	47670 *	66993 *	85311 *	100210 *	110777 *	117554 *
-3.0	5480	8941	16751 *	29891 *	46339 *	65337 *	83547 *	99304 *	110664 *	117096 *
-5.0	5450	8813	15507 *	27661 *	43160 *	60879 *	79137 *	95930 *	107304 *	115697 *
-7.0	5291	8475	14580 *	25072 *	38041 *	54095 *	72205 *	88258 *	102294 *	110415 *
-9.0	5064	7969	13219 *	21610 *	31763 *	46530 *	62121 *	78057 *	90538 *	101509 *
-11.0	4724	7231	11566	17800 *	26997 *	37857 *	50972 *	63740 *	75722 *	85057 *
-13.0	4422	6771	10372	15515 *	21384 *	30150 *	39095 *	49216 *	57698 *	66304 *
-15.0	4072	6167	9172	12705 *	17646 *	22746 *	29389 *	35083 *	42279 *	48565 *
-17.0	3652	5482	7988	10990	13643 *	17666 *	21306 *	25857 *	29985 *	33503 *
-19.5	3203	4551	6553	8586	10523	12682 *	14604 *	17160 *	19201 *	20772 *
-22.5	2630	3558	4825	6105	7355	8423	9299	10447	11347	12064
-25.5	2172	2753	3484	4167	4846	5488	5968	6496	6849	7120
-29.0	1791	2116	2502	2844	3091	3437	3694	3881	4061	4231
-33.0	1477	1657	1837	1996	2102	2179	2283	2363	2416	2450
-37.5	1318	1392	1486	1560	1605	1654	1690	1712	1717	1709
-42.5	1264	1338	1400	1440	1472	1502	1529	1545	1554	1562
-47.5	1197	1265	1354	1411	1444	1481	1519	1543	1569	1596
-55.0	813	899	981	1045	1094	1141	1179	1212	1242	1268
-65.0	321	358	405	439	464	486	506	524	541	556
-75.0	34	36	38	39	40	41	41	42	42	43
-85.0	24	24	25	25	25	24	24	24	23	23
-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	23	22	22	22	23	23	23	24	24	24
75.0	43	43	43	43	43	43	42	42	41	41
65.0	567	572	574	572	567	556	541	524	506	486

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**CANDELA TABULATION - (Cont.)**

55.0	1284	1282	1281	1282	1284	1268	1242	1212	1179	1141
47.5	1622	1621	1620	1621	1622	1596	1569	1543	1519	1481
42.5	1566	1564	1563	1564	1566	1562	1554	1545	1529	1502
37.5	1694	1695	1693	1695	1694	1709	1717	1712	1690	1654
33.0	2458	2462	2457	2462	2458	2450	2416	2363	2283	2179
29.0	4311	4334	4318	4334	4311	4231	4061	3881	3694	3437
25.5	7267	7297	7269	7297	7267	7120	6849	6496	5968	5488
22.5	12578 *	12705 *	12518 *	12705 *	12578 *	12064	11347	10447	9299	8423
19.5	22416 *	23114 *	22941 *	23114 *	22416 *	20772 *	19201 *	17160 *	14604 *	12682 *
17.0	36392 *	37771 *	37533 *	37771 *	36392 *	33503 *	29985 *	25857 *	21306 *	17666 *
15.0	52804 *	54683 *	54037 *	54683 *	52804 *	48565 *	42279 *	35083 *	29389 *	22746 *
13.0	72719 *	75421 *	75116 *	75421 *	72719 *	66304 *	57698 *	49216 *	39095 *	30150 *
11.0	91691 *	94780 *	94595 *	94780 *	91691 *	85057 *	75722 *	63740 *	50972 *	37857 *
9.0	107399 *	109691 *	109646 *	109691 *	107399 *	101509 *	90538 *	78057 *	62121 *	46530 *
7.0	117033 *	119036 *	119196 *	119036 *	117033 *	110415 *	102294 *	88258 *	72205 *	54095 *
5.0	120327 *	123441 *	123918 *	123441 *	120327 *	115697 *	107304 *	95930 *	79137 *	60879 *
3.0	121330 *	123797 *	124253 *	123797 *	121330 *	117096 *	110664 *	99304 *	83547 *	65337 *
1.0	121263 *	123124 *	123610 *	123124 *	121263 *	117554 *	110777 *	100210 *	85311 *	66993 *
0.0	121132 *	122709 *	123126 *	122709 *	121132 *	117326 *	111007 *	100421 *	85167 *	66422 *
-1.0	121263 *	123124 *	123610 *	123124 *	121263 *	117554 *	110777 *	100210 *	85311 *	66993 *
-3.0	121330 *	123797 *	124253 *	123797 *	121330 *	117096 *	110664 *	99304 *	83547 *	65337 *
-5.0	120327 *	123441 *	123918 *	123441 *	120327 *	115697 *	107304 *	95930 *	79137 *	60879 *
-7.0	117033 *	119036 *	119196 *	119036 *	117033 *	110415 *	102294 *	88258 *	72205 *	54095 *
-9.0	107399 *	109691 *	109646 *	109691 *	107399 *	101509 *	90538 *	78057 *	62121 *	46530 *
-11.0	91691 *	94780 *	94595 *	94780 *	91691 *	85057 *	75722 *	63740 *	50972 *	37857 *
-13.0	72719 *	75421 *	75116 *	75421 *	72719 *	66304 *	57698 *	49216 *	39095 *	30150 *
-15.0	52804 *	54683 *	54037 *	54683 *	52804 *	48565 *	42279 *	35083 *	29389 *	22746 *
-17.0	36392 *	37771 *	37533 *	37771 *	36392 *	33503 *	29985 *	25857 *	21306 *	17666 *
-19.5	22416 *	23114 *	22941 *	23114 *	22416 *	20772 *	19201 *	17160 *	14604 *	12682 *
-22.5	12578 *	12705 *	12518 *	12705 *	12578 *	12064	11347	10447	9299	8423
-25.5	7267	7297	7269	7297	7267	7120	6849	6496	5968	5488
-29.0	4311	4334	4318	4334	4311	4231	4061	3881	3694	3437
-33.0	2458	2462	2457	2462	2458	2450	2416	2363	2283	2179
-37.5	1694	1695	1693	1695	1694	1709	1717	1712	1690	1654
-42.5	1566	1564	1563	1564	1566	1562	1554	1545	1529	1502
-47.5	1622	1621	1620	1621	1622	1596	1569	1543	1519	1481
-55.0	1284	1282	1281	1282	1284	1268	1242	1212	1179	1141
-65.0	567	572	574	572	567	556	541	524	506	486
-75.0	43	43	43	43	43	43	42	42	41	41
-85.0	23	22	22	22	23	23	23	24	24	24
-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	25	25	25	24	24	24	23	22	21	20
75.0	40	39	38	36	34	31	27	24	21	19
65.0	464	439	405	358	321	282	227	147	73	39
55.0	1094	1045	981	899	813	708	600	476	333	183
47.5	1444	1411	1354	1265	1197	1074	927	771	603	400
42.5	1472	1440	1400	1338	1264	1173	1035	883	708	526
37.5	1605	1560	1486	1392	1318	1221	1102	959	775	606
33.0	2102	1996	1837	1657	1477	1310	1163	1016	834	656
29.0	3091	2844	2502	2116	1791	1480	1244	1059	876	696
25.5	4846	4167	3484	2753	2172	1702	1353	1102	903	729

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**CANDELA TABULATION - (Cont.)**

22.5	7355	6105	4825	3558	2630	1941	1458	1139	927	750
19.5	10523	8586	6553	4551	3203	2183	1558	1188	949	764
17.0	13643 *	10990	7988	5482	3652	2397	1654	1223	964	770
15.0	17646 *	12705 *	9172	6167	4072	2534	1722	1242	974	778
13.0	21384 *	15515 *	10372	6771	4422	2767	1772	1267	984	784
11.0	26997 *	17800 *	11566	7231	4724	2942	1832	1288	990	788
9.0	31763 *	21610 *	13219 *	7969	5064	3060	1895	1310	993	790
7.0	38041 *	25072 *	14580 *	8475	5291	3192	1952	1325	993	790
5.0	43160 *	27661 *	15507 *	8813	5450	3304	1985	1333	989	789
3.0	46339 *	29891 *	16751 *	8941	5480	3346	1998	1339	995	793
1.0	47670 *	30861 *	17204 *	8922	5448	3366	2011	1347	994	791
0.0	46938 *	30562 *	17026 *	8816	5406	3354	2010	1346	993	790
-1.0	47670 *	30861 *	17204 *	8922	5448	3366	2011	1347	994	791
-3.0	46339 *	29891 *	16751 *	8941	5480	3346	1998	1339	995	793
-5.0	43160 *	27661 *	15507 *	8813	5450	3304	1985	1333	989	789
-7.0	38041 *	25072 *	14580 *	8475	5291	3192	1952	1325	993	790
-9.0	31763 *	21610 *	13219 *	7969	5064	3060	1895	1310	993	790
-11.0	26997 *	17800 *	11566	7231	4724	2942	1832	1288	990	788
-13.0	21384 *	15515 *	10372	6771	4422	2767	1772	1267	984	784
-15.0	17646 *	12705 *	9172	6167	4072	2534	1722	1242	974	778
-17.0	13643 *	10990	7988	5482	3652	2397	1654	1223	964	770
-19.5	10523	8586	6553	4551	3203	2183	1558	1188	949	764
-22.5	7355	6105	4825	3558	2630	1941	1458	1139	927	750
-25.5	4846	4167	3484	2753	2172	1702	1353	1102	903	729
-29.0	3091	2844	2502	2116	1791	1480	1244	1059	876	696
-33.0	2102	1996	1837	1657	1477	1310	1163	1016	834	656
-37.5	1605	1560	1486	1392	1318	1221	1102	959	775	606
-42.5	1472	1440	1400	1338	1264	1173	1035	883	708	526
-47.5	1444	1411	1354	1265	1197	1074	927	771	603	400
-55.0	1094	1045	981	899	813	708	600	476	333	183
-65.0	464	439	405	358	321	282	227	147	73	39
-75.0	40	39	38	36	34	31	27	24	21	19
-85.0	25	25	25	24	24	24	23	22	21	20
-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	18	11	3	1	0
75.0	16	12	7	3	0
65.0	25	16	9	4	0
55.0	46	24	13	5	0
47.5	114	31	15	6	0
42.5	198	36	17	6	0
37.5	283	41	19	6	0
33.0	352	46	20	6	0
29.0	407	49	21	6	0
25.5	448	52	22	7	0
22.5	478	67	23	7	0
19.5	505	81	24	7	0
17.0	521	90	24	7	0
15.0	532	96	25	7	0
13.0	540	101	25	7	0
11.0	546	105	25	7	0
9.0	550	110	26	7	0

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

**CANDELA TABULATION - (Cont.)**

<b>7.0</b>	551	113	26	7	0
<b>5.0</b>	554	116	26	7	0
<b>3.0</b>	557	119	26	7	0
<b>1.0</b>	554	119	26	7	0
<b>0.0</b>	552	119	26	7	0
<b>-1.0</b>	554	119	26	7	0
<b>-3.0</b>	557	119	26	7	0
<b>-5.0</b>	554	116	26	7	0
<b>-7.0</b>	551	113	26	7	0
<b>-9.0</b>	550	110	26	7	0
<b>-11.0</b>	546	105	25	7	0
<b>-13.0</b>	540	101	25	7	0
<b>-15.0</b>	532	96	25	7	0
<b>-17.0</b>	521	90	24	7	0
<b>-19.5</b>	505	81	24	7	0
<b>-22.5</b>	478	67	23	7	0
<b>-25.5</b>	448	52	22	7	0
<b>-29.0</b>	407	49	21	6	0
<b>-33.0</b>	352	46	20	6	0
<b>-37.5</b>	283	41	19	6	0
<b>-42.5</b>	198	36	17	6	0
<b>-47.5</b>	114	31	15	6	0
<b>-55.0</b>	46	24	13	5	0
<b>-65.0</b>	25	16	9	4	0
<b>-75.0</b>	16	12	7	3	0
<b>-85.0</b>	18	11	3	1	0
<b>-90.0</b>	0	0	0	0	0

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

**LUMEN TABULATION**

Average Of Right And Left Sides

Total Luminaire Lumens (one side of beam only) = 16555.31

Total Field Lumens (one side of beam only) = 13515.22

\* 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	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05
75	0.10	0.20	0.20	0.20	0.20	0.20	0.19	0.19	0.19	0.23
65	0.94	1.86	1.84	1.79	1.73	1.67	1.60	1.52	1.44	1.67
55	2.82	5.64	5.58	5.46	5.31	5.13	4.93	4.71	4.45	5.19
47.5	3.31	6.63	6.57	6.45	6.30	6.13	5.94	5.72	5.48	6.50
42.5	2.42	4.85	4.82	4.76	4.68	4.60	4.49	4.36	4.22	5.07
37.5	2.48	4.96	4.96	4.95	4.92	4.86	4.75	4.61	4.45	5.32
33	2.85	5.69	5.68	5.65	5.57	5.43	5.23	5.01	4.78	5.60
29	4.13	8.26	8.17	7.97	7.67	7.33	6.91	6.39	5.88	6.64
25.5	6.19	12.36	12.19	11.80	11.24	10.52	9.69	8.72	7.66	8.22
22.5	9.09	18.20	17.79	16.99	15.90	14.49	13.04	11.58	9.87	10.08
19.5	16.28 *	32.33 *	30.92 *	28.80 *	26.31 *	23.18 *	20.11	17.28	14.30	14.14
17	23.10 *	45.55 *	42.95 *	39.18 *	34.76 *	29.60 *	24.68 *	20.14 *	16.01	15.42
15	28.03 *	55.30 *	52.04 *	46.75 *	40.18 *	33.49 *	27.14 *	21.19 *	16.10 *	14.77
13	39.49 *	77.82 *	73.05 *	65.08 *	55.58 *	45.83 *	36.16 *	27.17 *	19.69 *	17.27
11	51.77 *	101.86 *	95.95 *	86.27 *	74.32 *	60.90 *	47.10 *	34.40 *	23.92 *	19.98 *
9	62.25 *	122.85 *	117.19 *	106.88 *	92.92 *	76.46 *	58.84 *	42.31 *	28.74 *	23.21 *
7	69.69 *	137.95 *	132.59 *	122.61 *	108.33 *	90.18 *	70.00 *	50.37 *	34.11 *	26.93 *
5	73.96 *	146.07 *	140.83 *	131.99 *	118.78 *	100.65 *	79.35 *	57.98 *	39.22 *	29.95 *
3	75.45 *	148.83 *	144.17 *	136.55 *	124.64 *	107.37 *	86.08 *	63.76 *	43.06 *	32.47 *
1	75.36 *	149.02 *	145.02 *	138.17 *	126.98 *	110.50 *	89.74 *	66.90 *	45.31 *	34.25 *
0	37.51 *	74.31 *	72.51 *	69.17 *	63.71 *	55.66 *	45.27 *	33.70 *	22.84 *	17.29 *
-1	37.51 *	74.31 *	72.51 *	69.17 *	63.71 *	55.66 *	45.27 *	33.70 *	22.84 *	17.29 *
	75.36 *	149.02 *	145.02 *	138.17 *	126.98 *	110.50 *	89.74 *	66.90 *	45.31 *	34.25 *



IES FLOOD REPORT  
PHOTOMETRIC FILENAME : PFL-LED-34L-PC-NF-50-80-FGS.IES

LUMENS TABULATION - (Cont.)

-3	75.45 *	148.83 *	144.17 *	136.55 *	124.64 *	107.37 *	86.08 *	63.76 *	43.06 *	32.47 *
-5	73.96 *	146.07 *	140.83 *	131.99 *	118.78 *	100.65 *	79.35 *	57.98 *	39.22 *	29.95 *
-7	69.69 *	137.95 *	132.59 *	122.61 *	108.33 *	90.18 *	70.00 *	50.37 *	34.11 *	26.93 *
-9	62.25 *	122.85 *	117.19 *	106.88 *	92.92 *	76.46 *	58.84 *	42.31 *	28.74 *	23.21 *
-11	51.77 *	101.86 *	95.95 *	86.27 *	74.32 *	60.90 *	47.10 *	34.40 *	23.92 *	19.98 *
-13	39.49 *	77.82 *	73.05 *	65.08 *	55.58 *	45.83 *	36.16 *	27.17 *	19.69 *	17.27
-15	28.03 *	55.30 *	52.04 *	46.75 *	40.18 *	33.49 *	27.14 *	21.19 *	16.10 *	14.77
-17	23.10 *	45.55 *	42.95 *	39.18 *	34.76 *	29.60 *	24.68 *	20.14 *	16.01	15.42
-19.5	16.28 *	32.33 *	30.92 *	28.80 *	26.31 *	23.18 *	20.11	17.28	14.30	14.14
-22.5	9.09	18.20	17.79	16.99	15.90	14.49	13.04	11.58	9.87	10.08
-25.5	6.19	12.36	12.19	11.80	11.24	10.52	9.69	8.72	7.66	8.22
-29	4.13	8.26	8.17	7.97	7.67	7.33	6.91	6.39	5.88	6.64
-33	2.85	5.69	5.68	5.65	5.57	5.43	5.23	5.01	4.78	5.60
-37.5	2.48	4.96	4.96	4.95	4.92	4.86	4.75	4.61	4.45	5.32
-42.5	2.42	4.85	4.82	4.76	4.68	4.60	4.49	4.36	4.22	5.07
-47.5	3.31	6.63	6.57	6.45	6.30	6.13	5.94	5.72	5.48	6.50
-55	2.82	5.64	5.58	5.46	5.31	5.13	4.93	4.71	4.45	5.19
-65	0.94	1.86	1.84	1.79	1.73	1.67	1.60	1.52	1.44	1.67
-75	0.10	0.20	0.20	0.20	0.20	0.20	0.19	0.19	0.19	0.23
-85	0.02	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05
-90										
Total	1174.47	2321.14	2230.11	2075.03	1860.14	1588.44	1282.59	976.06	703.53	600.47

Vert. Horizontal Angles

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										
85	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.06	0.02
75	0.26	0.25	0.27	0.27	0.27	0.26	0.22	0.26	0.22	0.09
65	1.79	1.56	1.58	1.48	1.19	0.77	0.41	0.35	0.26	0.11
55	5.64	4.99	5.03	4.74	4.06	3.00	1.69	1.05	0.42	0.16
	7.20	6.53	6.74	6.48	5.82	4.77	3.07	1.99	0.61	0.16

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

**LUMENS TABULATION - (Cont.)**

<b>47.5</b>										
	5.71	5.28	5.58	5.49	5.06	4.32	3.01	2.21	0.72	0.13
<b>42.5</b>	5.99	5.54	5.89	5.91	5.57	4.85	3.52	2.88	1.06	0.15
<b>37.5</b>	6.12	5.49	5.68	5.63	5.34	4.70	3.48	3.05	1.24	0.15
<b>33</b>	6.92	5.88	5.74	5.43	5.02	4.41	3.30	3.02	1.30	0.14
<b>29</b>	8.10	6.45	5.92	5.28	4.66	4.02	3.02	2.85	1.27	0.13
<b>25.5</b>	9.35	6.96	6.00	5.05	4.24	3.56	2.67	2.58	1.19	0.13
<b>22.5</b>	12.47	8.73	7.08	5.59	4.48	3.68	2.74	2.68	1.29	0.15
<b>19.5</b>	13.10	8.81	6.77	5.09	3.93	3.15	2.32	2.29	1.14	0.14
<b>17</b>	12.29	8.09	6.00	4.34	3.27	2.57	1.88	1.86	0.94	0.12
<b>15</b>	13.85	8.95	6.54	4.59	3.36	2.61	1.89	1.88	0.97	0.13
<b>13</b>	15.33	9.66	7.04	4.86	3.45	2.64	1.91	1.90	0.98	0.13
<b>11</b>	17.05	10.43	7.48	5.08	3.54	2.67	1.92	1.91	1.00	0.14
<b>9</b>	18.87	11.19	7.87	5.27	3.63	2.69	1.92	1.92	1.01	0.14
<b>7</b>	20.21	11.70	8.17	5.45	3.69	2.71	1.92	1.92	1.01	0.15
<b>5</b>	21.33 *	11.97	8.33	5.55	3.72	2.72	1.92	1.92	1.02	0.15
<b>3</b>	22.10 *	12.02	8.36	5.60	3.75	2.73	1.92	1.93	1.03	0.15
<b>1</b>	11.08 *	5.97	4.16	2.80	1.88	1.36	0.96	0.96	0.51	0.08
<b>0</b>	11.08 *	5.97	4.16	2.80	1.88	1.36	0.96	0.96	0.51	0.08
<b>-1</b>	22.10 *	12.02	8.36	5.60	3.75	2.73	1.92	1.93	1.03	0.15
<b>-3</b>	21.33 *	11.97	8.33	5.55	3.72	2.72	1.92	1.92	1.02	0.15
<b>-5</b>	20.21	11.70	8.17	5.45	3.69	2.71	1.92	1.92	1.01	0.15
<b>-7</b>	18.87	11.19	7.87	5.27	3.63	2.69	1.92	1.92	1.01	0.14
<b>-9</b>	17.05	10.43	7.48	5.08	3.54	2.67	1.92	1.91	1.00	0.14
<b>-11</b>	15.33	9.66	7.04	4.86	3.45	2.64	1.91	1.90	0.98	0.13
<b>-13</b>	13.85	8.95	6.54	4.59	3.36	2.61	1.89	1.88	0.97	0.13
<b>-15</b>	12.29	8.09	6.00	4.34	3.27	2.57	1.88	1.86	0.94	0.12
<b>-17</b>	13.10	8.81	6.77	5.09	3.93	3.15	2.32	2.29	1.14	0.14
<b>-19.5</b>	12.47	8.73	7.08	5.59	4.48	3.68	2.74	2.68	1.29	0.15

IES FLOOD REPORT  
PHOTOMETRIC FILENAME : PFL-LED-34L-PC-NF-50-80-FGS.IES

LUMENS TABULATION - (Cont.)

<b>-22.5</b>	9.35	6.96	6.00	5.05	4.24	3.56	2.67	2.58	1.19	0.13
<b>-25.5</b>	8.10	6.45	5.92	5.28	4.66	4.02	3.02	2.85	1.27	0.13
<b>-29</b>	6.92	5.88	5.74	5.43	5.02	4.41	3.30	3.02	1.30	0.14
<b>-33</b>	6.12	5.49	5.68	5.63	5.34	4.70	3.48	3.05	1.24	0.15
<b>-37.5</b>	5.99	5.54	5.89	5.91	5.57	4.85	3.52	2.88	1.06	0.15
<b>-42.5</b>	5.71	5.28	5.58	5.49	5.06	4.32	3.01	2.21	0.72	0.13
<b>-47.5</b>	7.20	6.53	6.74	6.48	5.82	4.77	3.07	1.99	0.61	0.16
<b>-55</b>	5.64	4.99	5.03	4.74	4.06	3.00	1.69	1.05	0.42	0.16
<b>-65</b>	1.79	1.56	1.58	1.48	1.19	0.77	0.41	0.35	0.26	0.11
<b>-75</b>	0.26	0.25	0.27	0.27	0.27	0.26	0.22	0.26	0.22	0.09
<b>-85</b>	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.06	0.02
<b>-90</b>	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.06	0.02
<b>Total</b>	469.63	312.97	252.58	200.13	159.95	128.52	91.46	82.92	38.50	5.69

Vert. Angles	Horizontal Angles			
	<u>75</u>	<u>85</u>	<u>90</u>	<u>Total</u>
<b>90</b>				
	0.00	0.00		0.89
<b>85</b>				
	0.02	0.00		4.27
<b>75</b>				
	0.03	0.00		25.60
<b>65</b>				
	0.04	0.00		80.05
<b>55</b>				
	0.04	0.00		102.45
<b>47.5</b>				
	0.03	0.00		81.83
<b>42.5</b>				
	0.03	0.00		87.66
<b>37.5</b>				
	0.03	0.00		92.40
<b>33</b>				
	0.03	0.00		110.53
<b>29</b>				
	0.03	0.00		140.34
<b>25.5</b>				
	0.02	0.00		178.78
<b>22.5</b>				
	0.02	0.00		272.58
<b>19.5</b>				
	0.02	0.00		338.15
<b>17</b>				
	0.02	0.00		376.35

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

**LUMENS TABULATION - (Cont.)**

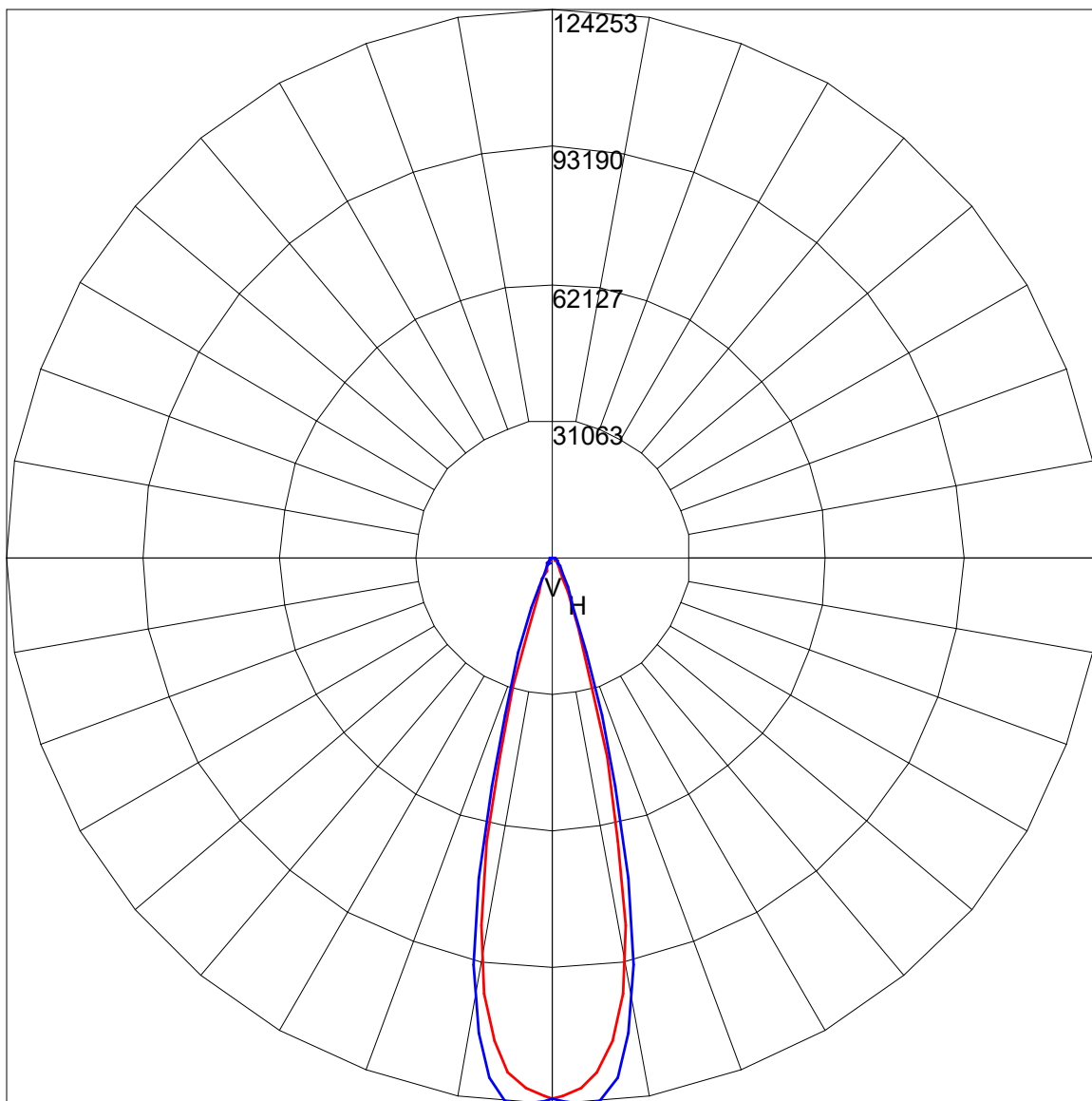
<b>15</b>	0.02	0.00	501.92
<b>13</b>	0.02	0.00	644.39
<b>11</b>	0.02	0.00	782.89
<b>9</b>	0.02	0.00	897.30
<b>7</b>	0.02	0.00	975.70
<b>5</b>	0.02	0.00	1021.02
<b>3</b>	0.02	0.00	1040.81
<b>1</b>	0.01	0.00	521.75
<b>0</b>	0.01	0.00	521.75
<b>-1</b>	0.02	0.00	1040.81
<b>-3</b>	0.02	0.00	1021.02
<b>-5</b>	0.02	0.00	975.70
<b>-7</b>	0.02	0.00	897.30
<b>-9</b>	0.02	0.00	782.89
<b>-11</b>	0.02	0.00	644.39
<b>-13</b>	0.02	0.00	501.92
<b>-15</b>	0.02	0.00	376.35
<b>-17</b>	0.02	0.00	338.15
<b>-19.5</b>	0.02	0.00	272.58
<b>-22.5</b>	0.02	0.00	178.78
<b>-25.5</b>	0.03	0.00	140.34
<b>-29</b>	0.03	0.00	110.53
<b>-33</b>	0.03	0.00	92.40
<b>-37.5</b>	0.03	0.00	87.66
<b>-42.5</b>	0.03	0.00	81.83
<b>-47.5</b>	0.04	0.00	102.45
<b>-55</b>	0.04	0.00	80.05
<b>-65</b>	0.03	0.00	25.60

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

**LUMENS TABULATION - (Cont.)**

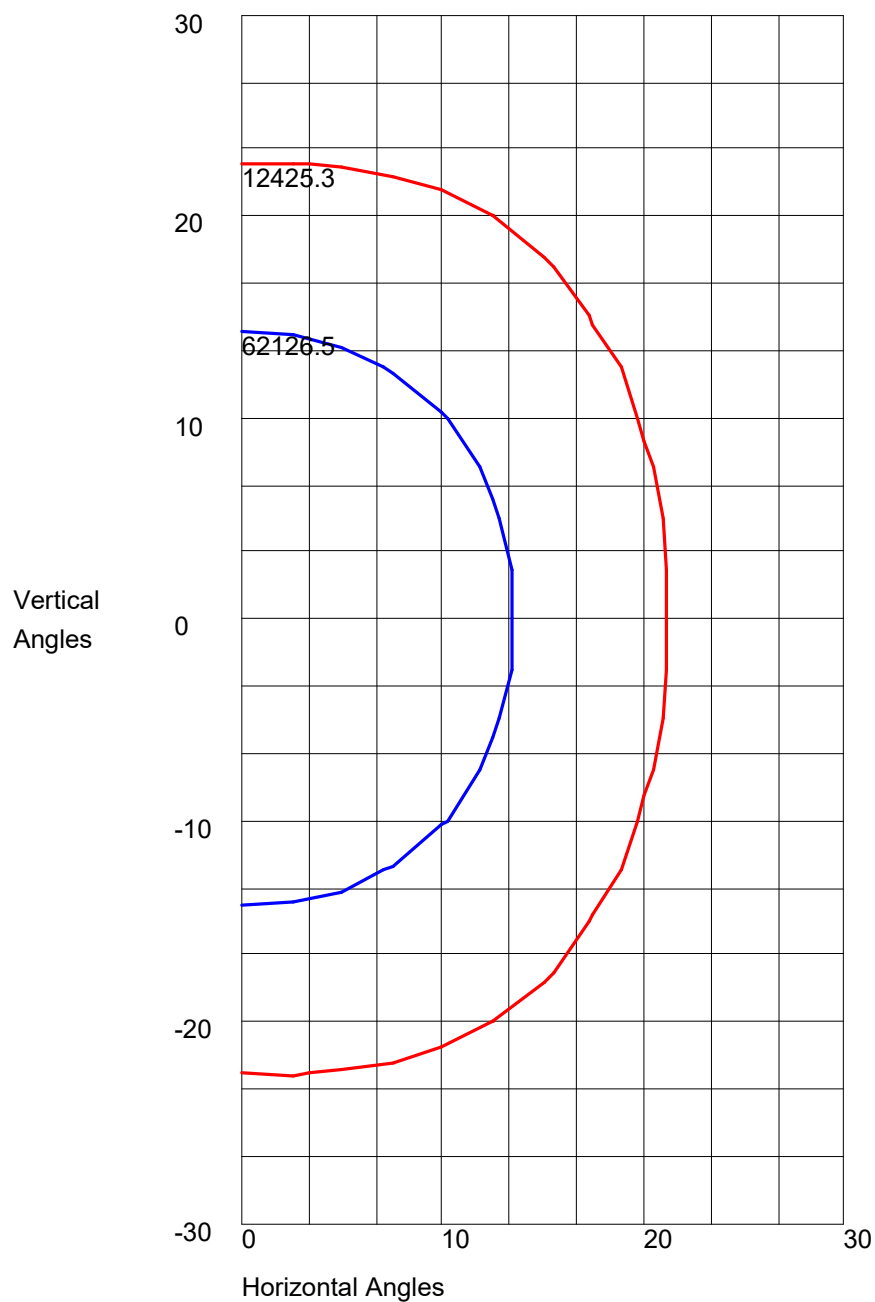
<b>-75</b>	0.02	0.00	4.27
<b>-85</b>	0.00	0.00	0.89
<b>-90</b>			
<b>Total</b>	0.98	0.03	16555.33

AXIAL CANDELA DISPLAY



Maximum Candela = 124253 Located At Horizontal Angle = 0, Vertical Angle = -3  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 124253 Located At Horizontal Angle = 0, Vertical Angle = -3  
50% Maximum Candela = 62126.5  
10% Maximum Candela = 12425.3