IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-150W-LED-10SP.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 194016
[TESTLAB] RADIANT IMAGING PROSOURCE
[TESTDATE] 2019-04-12
[ISSUEDATE] 2019-04-12
[MANUFAC] LARSON ELECTRONICS LLC
[LUMCAT] GAU-LTL-150W-LED-10SP
[LUMINAIRE] 150W LED FLOOD LIGHT - 10 DEGREE OPTICS
[OTHER] EVERFINE GO-R5000_V2 SYSTEM
[LAMPPOSITION] 0,0

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

CHARACTERISTICS



NEMA Type	3 H x 3 V
Maximum Candela	177892.544
Maximum Candela Angle	0H -1V
Horizontal Beam Angle (50%)	16.1
Vertical Beam Angle (50%)	16.2
Horizontal Field Angle (10%)	34.1
Vertical Field Angle (10%)	34.2
Lumens Per Lamp	21600 (1 lamp)
Total Lamp Lumens	21600
Beam Lumens	7752
Beam Efficiency	36 %
Field Lumens	16337
Field Efficiency	76 %
Spill Lumens	5419
Luminaire Lumens	21756
Total Efficiency	101 %
Total Luminaire Watts	150
Ballast Factor	1.00

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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	0	85	0
75	0	75	0
65	0	65	0
55	0	55	93.96
47.5	.038	47.5	419.466
42.5	199.243	42.5	950.728
37.5	1202.675	37.5	1447.234
33	2292.593	33	2203.607
29	4024.369	29	3671.043
25.5	6263.096	25.5	5552.054
22.5	9985.588	22.5	7639.017
19.5	14023.903	19.5	11449.612
17	19935.033	17	17650.811
15	26244.51	15	24529.038
13	37521.092	13	35165.993
11	55971.884	11	50958.82
9	81147.713	9	72363.259
7	111547.819	7	101191.455
5	140112.94	5	132793.266
3	162951.124	3	158627.594
1	176721.056	1	174161.836
0	177563.155	0	177563.155
-1	173634.723	-1	177892.544
-3	153019.873	-3	167325.911
-5	125318.382	-5	145897.501
-7	95489.568	-7	113842.907
-9	68836.792	-9	77947.402
-11	45516.548	-11	51886.864
-13	30016.991	-13	36697.533
-15	21180.126	-15	25674.455
-17	15520.77	-17	18502.79
-19.5	10942.819	-19.5	12188.639
-22.5	7492.027	-22.5	7037.034
-25.5	5039.653	-25.5	4281.992
-29	3351.6	-29	2343.551
-33	2091.931	-33	1114.438
-37.5	1330.399	-37.5	342.521
-42.5	677.212	-42.5	1.886
-47.5	123.392	-47.5	0
-55	0	-55	0
-65	0	-65	0
-75	0	-75	0
-85	0	-85	0
-90	0	-90	0

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CANDELA TABULATION
Maximum Candela = 177892.544
Beam Edge = 88946.272 Cd (50% of Max.)
Field Edge = 17789.2544 Cd (10% of Max.)
* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	-90.0	-85.0	-75.0	-65.0	-55.0	-47.5	-42.5	-37.5	-33.0	-29.0
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.018	0.487
47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.062	11.079	40.627
42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.090	15.811	74.953	212.190
37.5	0.000	0.000	0.000	0.000	0.000	0.019	9.559	93.612	277.180	436.702
33.0	0.000	0.000	0.000	0.000	0.000	0.812	44.352	241.944	443.582	759.477
29.0	0.000	0.000	0.000	0.000	0.000	3.397	114.183	370.960	743.429	1059.096
25.5	0.000	0.000	0.000	0.000	0.000	14.732	196.284	524.604	981.203	1340.085
22.5	0.000	0.000	0.000	0.000	0.000	36.403	269.962	716.384	1168.098	1545.887
19.5	0.000	0.000	0.000	0.000	0.000	56.455	329.506	873.991	1320.620	1806.162
17.0	0.000	0.000	0.000	0.000	0.000	71.788	401.103	991.909	1369.418	2180.342
15.0	0.000	0.000	0.000	0.000	0.000	84.868	465.641	1067.987	1416.992	2449.453
13.0	0.000	0.000	0.000	0.000	0.000	98.356	536.131	1129.551	1579.436	2654.141
11.0	0.000	0.000	0.000	0.000	0.004	112.994	581.283	1181.452	1757.236	2804.632
9.0	0.000	0.000	0.000	0.000	0.006	122.478	625.241	1225.591	1926.026	2979.143
7.0	0.000	0.000	0.000	0.000	0.006	128.773	656.982	1270.880	2018.842	3136.334
5.0	0.000	0.000	0.000	0.000	0.005	132.654	673.052	1292.158	2082.533	3257.571
3.0	0.000	0.000	0.000	0.000	0.004	132.254	680.490	1314.270	2106.891	3331.430
1.0	0.000	0.000	0.000	0.000	0.001	127.463	680.088	1327.903	2103.827	3363.084
0.0	0.000	0.000	0.000	0.000	0.000	123.392	677.212	1330.399	2091.931	3351.600
-1.0	0.000	0.000	0.000	0.000	0.000	118.409	661.826	1314.153	2076.732	3320.496
-3.0	0.000	0.000	0.000	0.000	0.000	105.474	626.656	1270.151	2030.982	3208.662
-5.0	0.000	0.000	0.000	0.000	0.000	89.294	586.473	1209.159	1971.831	3067.667
-7.0	0.000	0.000	0.000	0.000	0.000	70.721	542.303	1139.065	1896.424	2900.583
-9.0	0.000	0.000	0.000	0.000	0.000	53.575	484.462	1037.521	1814.020	2702.167
-11.0	0.000	0.000	0.000	0.000	0.000	38.850	418.310	927.750	1703.743	2470.577
-13.0	0.000	0.000	0.000	0.000	0.000	24.744	354.134	812.430	1587.375	2239.730
-15.0	0.000	0.000	0.000	0.000	0.000	14.618	265.569	687.700	1438.924	2006.106
-17.0	0.000	0.000	0.000	0.000	0.000	7.673	184.940	555.273	1242.939	1795.031
-19.5	0.000	0.000	0.000	0.000	0.000	2.667	96.201	419.809	969.062	1573.707
-22.5	0.000	0.000	0.000	0.000	0.000	0.372	23.585	310.005	661.429	1257.709
-25.5	0.000	0.000	0.000	0.000	0.000	0.011	3.420	159.752	385.268	829.205
-29.0	0.000	0.000	0.000	0.000	0.000	0.000	0.081	40.818	185.811	415.586
-33.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.647	30.531	90.023
-37.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.316	0.648
-42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	-25.5	**-22.5**	**-19.5**	**-17.0**	**-15.0**	**-13.0**	**-11.0**	**-9.0**	**-7.0**	**-5.0**
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	2.925	7.137	14.980	23.147	31.224	39.725	48.585	58.374	68.046	77.120
47.5	81.109	145.984	230.815	303.228	341.157	370.038	392.292	406.373	415.183	422.263
42.5	350.842	460.372	532.063	613.769	685.495	750.248	799.386	849.881	890.794	920.066
37.5	604.976	822.874	1005.616	1123.560	1194.179	1249.936	1295.677	1344.214	1389.460	1417.142
33.0	1008.700	1191.660	1406.657	1589.395	1720.209	1807.452	1859.147	1912.440	1999.934	2088.172
29.0	1359.254	1686.239	1889.108	2134.360	2396.147	2668.531	2932.747	3152.165	3340.147	3491.566
25.5	1719.338	2109.514	2604.437	3032.430	3405.770	3808.120	4239.460	4629.167	4907.354	5151.803
22.5	2104.265	2673.548	3279.274	3891.276	4499.953	5052.668	5527.810	5935.129	6514.875	7008.195
19.5	2610.215	3278.878	4119.154	5131.154	5960.417	6740.207	7671.066	8666.471	9646.757	10448.030
17.0	2990.565	3862.288	5071.005	6414.131	7511.181	8781.450	10280.896	12046.408	13659.714	15169.750
15.0	3349.443	4365.039	5900.076	7501.757	9063.155	10807.491	13119.663	15646.012	18181.818	20718.581 *
13.0	3718.892	4848.821	6714.110	8781.697	10753.445	13445.537	16873.158	20374.924	24589.613	29135.833 *
11.0	4049.447	5378.243	7695.264	10134.684	12956.686	16707.712	20949.314	26588.289	33123.752	39785.733 *
9.0	4311.892	5906.241	8669.776	11720.991	15291.153	19693.471	26037.134	34180.547	44462.082	54887.832 *
7.0	4536.352	6461.176	9510.248	13222.370	17300.340	23081.075	31926.535	43970.895	58877.642	75642.917 *
5.0	4726.216	6925.134	10167.370	14392.421	19004.403	26732.865	38200.449	53895.051	74832.504	96856.062 *
3.0	4918.369	7276.755	10693.640	15213.355	20471.759	29273.699	42848.007	62835.535	87534.960	114069.950 *
1.0	5022.516	7464.011	10935.496	15605.417	21255.744	30336.304	45796.059	68893.355	95631.111	125270.228 *
0.0	5039.653	7492.027	10942.819	15520.770	21180.126	30016.991	45516.548	68836.792	95489.568	125318.382 *
-1.0	4975.969	7440.186	10921.809	15673.788	21509.448	30507.991	45898.323	69417.457	97211.380	127719.725 *
-3.0	4777.259	7205.553	10644.564	15380.730	21149.795	29896.527	43109.684	64089.756	91014.440	120740.753 *
-5.0	4486.226	6807.366	10064.294	14564.113	19899.774	28062.927	38609.581	55036.331	78071.289	104615.738 *
-7.0	4184.600	6255.676	9347.490	13297.261	18019.246	24608.132	33327.659	45143.954	60644.710	79979.523 *
-9.0	3832.582	5576.519	8465.485	11778.081	15715.558	20669.544	27848.756	36145.752	46076.606	56587.483 *
-11.0	3434.133	4879.775	7473.550	10132.921	13350.939	17232.386	21963.105	28529.186	35174.661	41722.500 *
-13.0	3123.861	4250.921	6383.225	8672.722	11000.597	14101.111	17612.509	21668.594	26444.877	31094.267 *
-15.0	2862.505	3729.516	5315.182	7247.015	9059.178	11166.485	13838.354	16732.215	19775.546	22447.121 *
-17.0	2554.293	3257.100	4320.108	5854.005	7283.015	8834.176	10551.686	12582.344	14589.465	16328.094
-19.5	2098.665	2797.356	3478.509	4284.049	5290.720	6421.142	7680.513	8895.282	9972.580	10880.464
-22.5	1669.581	2124.479	2716.192	3079.014	3520.036	4088.800	4779.103	5450.971	6072.879	6548.017
-25.5	1283.505	1600.923	1928.604	2249.958	2451.824	2636.049	2894.810	3272.540	3661.531	3958.984
-29.0	743.655	1034.459	1238.526	1431.450	1593.500	1725.985	1828.783	1972.056	2102.725	2208.921
-33.0	228.293	406.217	591.276	708.379	767.107	801.019	886.412	984.531	1056.855	1112.438
-37.5	15.116	52.439	91.619	122.100	140.342	188.098	242.415	297.477	342.684	354.328
-42.5	0.000	0.017	0.257	0.973	2.307	4.023	7.061	8.910	9.123	8.597
-47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vert. Angles	Horizontal Angles									
	-3.0	**-1.0**	**0.0**	**1.0**	**3.0**	**5.0**	**7.0**	**9.0**	**11.0**	**13.0**
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

55.0	87.446	91.788	93.960	89.666	81.083	66.776	53.917	40.809	28.029	16.619
47.5	425.236	422.945	419.466	406.853	376.909	341.549	301.828	263.038	224.232	181.379
42.5	939.436	949.264	950.728	936.911	901.883	855.836	797.459	725.834	642.050	557.946
37.5	1438.841	1447.558	1447.234	1444.017	1428.484	1400.766	1368.026	1311.134	1248.098	1183.400
33.0	2154.743	2198.977	2203.607	2211.349	2190.866	2145.443	2074.061	1999.213	1897.189	1787.238
29.0	3598.566	3665.026	3671.043	3683.995	3648.404	3553.940	3385.029	3145.471	2838.672	2626.426
25.5	5361.602	5507.647	5552.054	5544.631	5464.448	5296.704	5090.018	4837.698	4522.110	4122.344
22.5	7379.711	7592.079	7639.017	7654.472	7568.015	7325.294	6956.066	6479.906	6010.755	5526.388
19.5	11082.06	211418.27	611449.61	211461.79	411204.89	510643.90	79988.065	9217.300	8350.738	7392.091
17.0	16545.64	917516.39	817650.81	117680.49	116989.37	815770.48	714258.38	012789.87	211161.12	69731.720
15.0	22954.22	224366.23	924529.03	824561.35	623550.41	221740.22	719374.88	016747.52	614444.38	612224.596
13.0	32584.51	934906.05	135165.99	335174.46	933289.96	030034.17	326141.65	921954.52	118046.25	615198.249
11.0	45688.51	750310.45	650958.82	051267.10	048113.60	042647.13	135522.34	429241.29	223112.02	218347.581 *
9.0	64775.31	471879.11	872363.25	973132.71	368513.65	659635.13	648994.88	938090.30	129597.46	422448.464 *
7.0	90298.22	410056	6.64	001191.45	501997.40	924384.38	680814.09	164266.16	349720.89	936513.71	527003.391 *
5.0	117009.22	831420.94	123793.26	633547.54	022745.82	504594.44	862698.97	161796.56	644389.71	631558.643 *
3.0	137510.34	754800.81	458627.59	457375.11	444553.45	625463.86	939326.98	372920.44	551064.83	435162.231 *
1.0	150536.41	869216.62	774161.83	672221.01	559269.31	938768.15	310549.34	80593.197	55693.787	37415.625 *
0.0	153019.87	373634.72	377563.15	576721.05	662951.12	440112.94	01547.819	91147.713	55971.884	37521.092 *
-1.0	153443.12	372971.13	877892.54	476120.97	462834.32	04139.566	11788.868	30739.635	55737.040	37623.134 *
-3.0	145867.09	764115.68	867325.91	165358.96	353385.64	831865.42	301994.50	83024.886	51443.291	35634.399 *
-5.0	127619.08	643971.79	745897.50	145759.79	133891.32	813398.75	86307.666	62337.043	45599.295	31931.120 *
-7.0	97893.738	112052.12	113842.90	713993.11	102899.23	85893.762	66970.738	51225.126	38198.412	27484.442 *
-9.0	67749.326	76927.584	77947.402	77915.062	70453.345	60554.513	50703.144	40463.514	31388.863	23299.384 *
-11.0	47223.733	51397.521	51886.864	52112.703	49222.806	44627.608	38138.314	31567.886	25007.975	19150.323 *
-13.0	34375.462	36534.398	36697.533	36939.149	35418.219	32356.438	27912.865	23444.570	19111.246	15252.751
-15.0	24469.675	25652.773	25674.455	25741.078	24701.532	22740.250	20361.802	17582.706	14780.442	12283.760
-17.0	17684.790	18485.660	18502.790	18544.126	17876.190	16691.829	15209.912	13450.707	11566.697	9864.839
-19.5	11669.709	12115.408	12188.639	12224.619	12004.132	11436.897	10629.232	9521.516	8299.649	7133.572
-22.5	6901.524	7053.452	7037.034	7090.756	7008.860	6712.857	6338.671	5837.322	5302.078	4717.589
-25.5	4171.096	4270.608	4281.992	4318.078	4317.173	4214.440	4041.428	3797.141	3401.229	2972.689
-29.0	2286.623	2337.313	2343.551	2363.225	2359.870	2317.827	2228.177	2107.560	1983.715	1821.521
-33.0	1134.884	1130.807	1114.438	1141.328	1166.333	1164.500	1129.017	1076.188	968.766	853.148
-37.5	358.914	350.824	342.521	347.868	350.070	339.671	322.318	275.924	222.117	167.287
-42.5	6.593	3.599	1.886	1.946	1.856	1.437	0.628	0.391	0.221	0.027
-47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vert. Angles	**Horizontal Angles**									
	15.0	**17.0**	**19.5**	**22.5**	**25.5**	**29.0**	**33.0**	**37.5**	**42.5**	**47.5**
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	9.036	3.372	0.301	0.022	0.003	0.000	0.000	0.000	0.000	0.000
47.5	137.958	92.546	59.763	33.969	22.808	12.612	1.525	0.000	0.000	0.000
42.5	471.803	395.102	305.788	201.605	117.741	43.015	4.412	0.005	0.000	0.000
37.5	1097.158	978.136	809.576	604.544	384.761	188.144	69.117	5.349	0.003	0.000
33.0	1660.034	1520.499	1320.414	1012.736	738.003	519.716	200.103	46.192	0.867	0.000
29.0	2451.042	2281.454	2034.963	1641.010	1225.016	765.778	455.370	117.222	7.275	0.002
25.5	3636.821	3130.004	2649.649	2288.741	1792.191	1182.574	675.048	231.740	16.223	0.000

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CANDELA TABULATION - (Cont.)

22.5	5059.270	4441.243	3585.571	2764.876	2242.632	1556.867	887.420	363.870	31.251	0.021
19.5	6528.028	5800.859	4873.238	3557.031	2691.333	1921.036	1144.734	539.030	71.797	0.196
17.0	8379.458	7076.166	5842.866	4393.518	3127.590	2234.347	1336.899	674.530	103.903	0.644
15.0	10317.819	8590.974	6765.567	5079.993	3559.095	2513.568	1486.398	746.564	124.200	1.199
13.0	12551.333	10310.359	7917.099	5717.497	4025.615	2751.004	1663.003	815.238	143.657	2.042
11.0	15068.515	12151.000	9295.023	6481.194	4493.181	2958.607	1824.955	891.147	165.595	3.064
9.0	17635.682	14092.152	10692.732	7296.238	4972.888	3202.322	1978.288	979.969	187.081	3.436
7.0	20435.060	15845.045	11892.185	8098.778	5384.910	3457.838	2097.813	1070.398	201.553	3.637
5.0	22948.871	17491.633	12780.345	8839.378	5723.225	3690.638	2197.775	1123.024	214.033	3.394
3.0	24968.835	18889.659	13500.829	9451.849	6034.957	3869.384	2259.971	1170.553	215.669	2.369
1.0	26163.706	19818.387	13934.928	9868.679	6220.222	3996.893	2292.255	1197.646	207.115	0.869
0.0	26244.510	19935.033	14023.903	9985.588	6263.096	4024.369	2292.593	1202.675	199.243	0.038
-1.0	26131.360	19801.499	13911.506	9813.703	6200.395	3967.789	2262.308	1179.497	196.453	0.037
-3.0	24867.656	18849.793	13412.331	9295.862	5978.446	3781.047	2174.191	1115.458	184.433	0.032
-5.0	22769.081	17455.862	12573.536	8606.791	5638.739	3540.524	2066.773	1029.063	164.465	0.023
-7.0	20400.753	15813.363	11481.627	7812.772	5257.364	3241.771	1939.050	935.440	137.331	0.010
-9.0	17818.794	13983.515	10147.332	6990.948	4787.833	2897.505	1808.635	793.011	109.067	0.003
-11.0	15042.879	11929.618	8880.152	6208.573	4208.719	2522.015	1634.365	645.480	76.216	0.002
-13.0	12429.737	10098.708	7638.734	5386.034	3612.315	2200.090	1450.098	513.563	44.967	0.001
-15.0	10320.897	8445.820	6467.867	4572.517	3052.599	1940.263	1234.531	390.143	24.158	0.000
-17.0	8319.807	6898.624	5294.650	3723.907	2511.233	1714.408	1029.888	314.508	8.472	0.000
-19.5	6124.523	5120.694	3995.896	2823.650	1935.484	1441.894	756.748	230.387	1.433	0.000
-22.5	4122.298	3430.467	2689.708	1895.976	1493.613	1097.007	421.409	114.970	0.056	0.000
-25.5	2581.172	2213.645	1772.858	1390.862	1149.344	650.648	224.082	25.195	0.002	0.000
-29.0	1617.045	1399.178	1174.826	944.813	591.211	256.740	71.555	0.718	0.000	0.000
-33.0	750.454	650.686	498.863	295.058	135.719	35.903	2.253	0.001	0.000	0.000
-37.5	112.608	78.490	42.493	17.287	3.825	0.100	0.000	0.000	0.000	0.000
-42.5	0.012	0.085	0.033	0.001	0.000	0.000	0.000	0.000	0.000	0.000
-47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vert. Angles	**Horizontal Angles**				
	55.0	**65.0**	**75.0**	**85.0**	**90.0**
90.0	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000
33.0	0.000	0.000	0.000	0.000	0.000
29.0	0.000	0.000	0.000	0.000	0.000
25.5	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000
19.5	0.000	0.000	0.000	0.000	0.000
17.0	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000
13.0	0.000	0.000	0.000	0.000	0.000
11.0	0.000	0.000	0.000	0.000	0.000
9.0	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

7.0	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000
3.0	0.000	0.000	0.000	0.000	0.000
1.0	0.000	0.000	0.000	0.000	0.000
0.0	0.000	0.000	0.000	0.000	0.000
-1.0	0.000	0.000	0.000	0.000	0.000
-3.0	0.000	0.000	0.000	0.000	0.000
-5.0	0.000	0.000	0.000	0.000	0.000
-7.0	0.000	0.000	0.000	0.000	0.000
-9.0	0.000	0.000	0.000	0.000	0.000
-11.0	0.000	0.000	0.000	0.000	0.000
-13.0	0.000	0.000	0.000	0.000	0.000
-15.0	0.000	0.000	0.000	0.000	0.000
-17.0	0.000	0.000	0.000	0.000	0.000
-19.5	0.000	0.000	0.000	0.000	0.000
-22.5	0.000	0.000	0.000	0.000	0.000
-25.5	0.000	0.000	0.000	0.000	0.000
-29.0	0.000	0.000	0.000	0.000	0.000
-33.0	0.000	0.000	0.000	0.000	0.000
-37.5	0.000	0.000	0.000	0.000	0.000
-42.5	0.000	0.000	0.000	0.000	0.000
-47.5	0.000	0.000	0.000	0.000	0.000
-55.0	0.000	0.000	0.000	0.000	0.000
-65.0	0.000	0.000	0.000	0.000	0.000
-75.0	0.000	0.000	0.000	0.000	0.000
-85.0	0.000	0.000	0.000	0.000	0.000
-90.0	0.000	0.000	0.000	0.000	0.000

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LUMEN TABULATION
Average Of Right And Left Sides
Total Luminaire Lumens (one side of beam only) = 10878.14
Total Field Lumens (one side of beam only) = 8168.74
* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles 0	1	3	5	7	9	11	13	15	17
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.14	0.27	0.24	0.20	0.17	0.13	0.10	0.07	0.05	0.04
55	0.58	1.13	1.07	0.99	0.91	0.82	0.73	0.62	0.52	0.49
47.5	1.04	2.04	1.97	1.87	1.75	1.61	1.46	1.29	1.11	1.14
42.5	1.82	3.61	3.53	3.42	3.27	3.08	2.88	2.66	2.40	2.61
37.5	2.50	4.97	4.88	4.73	4.55	4.34	4.13	3.89	3.58	3.97
33	3.58	7.11	6.95	6.69	6.34	5.92	5.49	5.06	4.61	5.13
29	4.91	9.72	9.46	9.07	8.57	7.95	7.24	6.50	5.76	6.25
25.5	6.02	11.89	11.52	10.96	10.26	9.49	8.67	7.78	6.83	7.22
22.5	8.72	17.21	16.56	15.57	14.34	13.02	11.68	10.36	9.07	9.52
19.5	11.07	21.67	20.48	18.85	17.02	15.03	13.06	11.27	9.66	10.02
17	12.83 *	24.99 *	23.31 *	21.03	18.51	15.93	13.49	11.35	9.49	9.61
15	18.15 *	35.22 *	32.51 *	28.77 *	24.59 *	20.58 *	17.01	13.94	11.40	11.30
13	26.19 *	50.43 *	45.77 *	39.53 *	32.81 *	26.57 *	21.26 *	17.00	13.57	13.20
11	37.56 *	72.10 *	64.43 *	54.39 *	43.77 *	34.17 *	26.35 *	20.42 *	15.97	15.27
9	52.90 *	101.30 *	89.48 *	73.85 *	57.70 *	43.50 *	32.22 *	24.07 *	18.38	17.29
7	71.24 *	135.77 *	118.86 *	96.72 *	73.91 *	54.06 *	38.64 *	27.79 *	20.59 *	19.04
5	88.33 *	167.27 *	146.28 *	118.96 *	89.86 *	64.19 *	44.58 *	31.05 *	22.46 *	20.45
3	100.46 *	189.57 *	166.43 *	135.81 *	102.30 *	72.09 *	48.80 *	33.26 *	23.77 *	21.44
1	53.12 *	100.27 *	87.76 *	71.39 *	53.74 *	37.68 *	25.20 *	17.00 *	12.13 *	10.91
0	53.70 *	101.35 *	88.62 *	71.97 *	54.01 *	37.74 *	25.24 *	17.05 *	12.15 *	10.91
-1	104.25 *	196.97 *	172.74 *	139.88 *	103.96 *	72.51 *	49.14 *	33.59 *	23.92 *	21.44

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LUMENS TABULATION - (Cont.)

-3	94.86 *	179.60 *	156.70 *	125.42 *	92.28 *	64.98 *	45.33 *	31.66 *	22.68 *	20.42
-5	78.84 *	148.87 *	128.56 *	102.37 *	76.27 *	55.42 *	39.90 *	28.55 *	20.82 *	18.91
-7	58.21 *	109.57 *	94.50 *	76.86 *	59.93 *	45.56 *	33.79 *	24.83 *	18.57	17.05
-9	39.45 *	75.04 *	66.57 *	56.59 *	46.27 *	36.43 *	27.79 *	21.03 *	16.07	14.97
-11	26.97 *	52.24 *	48.02 *	42.03 *	35.12 *	28.33 *	22.26 *	17.37	13.57	12.87
-13	19.01 *	37.11 *	34.58 *	30.77 *	26.23 *	21.71 *	17.60	14.13	11.31	10.90
-15	13.46 *	26.36 *	24.76 *	22.44 *	19.65	16.66	13.84	11.40	9.29	9.01
-17	11.68	22.95	21.76	20.02	17.88	15.48	13.10	10.95	9.00	8.87
-19.5	8.79	17.37	16.67	15.58	14.19	12.55	10.82	9.18	7.68	7.81
-22.5	5.18	10.30	9.99	9.44	8.70	7.81	6.88	6.01	5.19	5.45
-25.5	3.54	7.04	6.87	6.56	6.12	5.58	5.02	4.50	3.98	4.24
-29	2.12	4.24	4.18	4.04	3.82	3.54	3.24	2.93	2.61	2.78
-33	1.01	2.05	2.04	1.98	1.86	1.67	1.45	1.26	1.10	1.13
-37.5	0.27	0.54	0.54	0.52	0.47	0.40	0.31	0.23	0.17	0.15
-42.5	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00
-47.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-90										
Total	1022.49	1948.13	1728.59	1439.28	1131.14	856.56	638.69	480.05	369.46	351.82

Vert. Angles	**Horizontal Angles**									
	19.5	**22.5**	**25.5**	**29**	**33**	**37.5**	**42.5**	**47.5**	**55**	**65**
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.39	0.23	0.14	0.06	0.01	0.00	0.00	0.00	0.00	0.00

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LUMENS TABULATION - (Cont.)

47.5	1.05	0.74	0.52	0.26	0.08	0.01	0.00	0.00	0.00	0.00
42.5	2.53	1.85	1.39	0.85	0.38	0.09	0.01	0.00	0.00	0.00
37.5	3.92	2.99	2.47	1.70	0.87	0.29	0.03	0.00	0.00	0.00
33	5.20	4.12	3.52	2.58	1.47	0.55	0.09	0.00	0.00	0.00
29	6.31	5.05	4.33	3.29	2.01	0.81	0.17	0.01	0.00	0.00
25.5	7.02	5.54	4.79	3.66	2.33	1.03	0.23	0.03	0.00	0.00
22.5	9.00	6.86	5.86	4.44	2.94	1.40	0.32	0.05	0.00	0.00
19.5	9.33	6.92	5.79	4.34	2.89	1.45	0.35	0.06	0.00	0.00
17	8.80	6.41	5.31	3.91	2.54	1.33	0.34	0.06	0.00	0.00
15	10.09	7.23	5.93	4.31	2.77	1.47	0.39	0.07	0.00	0.00
13	11.53	8.08	6.50	4.70	3.03	1.59	0.44	0.08	0.00	0.00
11	13.10	8.95	7.05	5.07	3.29	1.70	0.48	0.09	0.00	0.00
9	14.61	9.80	7.58	5.43	3.52	1.81	0.52	0.09	0.00	0.00
7	15.93	10.58	8.03	5.73	3.68	1.90	0.54	0.10	0.00	0.00
5	16.98	11.25	8.42	5.95	3.79	1.95	0.55	0.10	0.00	0.00
3	17.73	11.74	8.71	6.09	3.85	1.98	0.55	0.09	0.00	0.00
1	9.03	5.98	4.42	3.07	1.94	0.99	0.27	0.04	0.00	0.00
0	9.01	5.97	4.40	3.05	1.92	0.99	0.27	0.04	0.00	0.00
-1	17.63	11.62	8.58	5.96	3.76	1.91	0.51	0.08	0.00	0.00
-3	16.76	11.02	8.17	5.70	3.60	1.80	0.47	0.07	0.00	0.00
-5	15.56	10.24	7.66	5.38	3.41	1.67	0.43	0.06	0.00	0.00
-7	14.09	9.33	7.06	5.01	3.18	1.51	0.38	0.04	0.00	0.00
-9	12.50	8.33	6.36	4.58	2.90	1.31	0.32	0.03	0.00	0.00
-11	10.90	7.33	5.64	4.13	2.59	1.11	0.26	0.02	0.00	0.00
-13	9.33	6.38	4.98	3.68	2.27	0.90	0.20	0.01	0.00	0.00
-15	7.82	5.48	4.37	3.24	1.93	0.71	0.14	0.01	0.00	0.00
-17	7.92	5.66	4.63	3.43	1.93	0.66	0.10	0.00	0.00	0.00
-19.5	7.20	5.27	4.47	3.20	1.63	0.52	0.05	0.00	0.00	0.00

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IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-150W-LED-10SP.IES

LUMENS TABULATION - (Cont.)

-22.5	5.16	3.95	3.35	2.16	0.97	0.28	0.01	0.00	0.00	0.00
-25.5	4.14	3.19	2.45	1.38	0.54	0.12	0.00	0.00	0.00	0.00
-29	2.64	1.83	1.18	0.57	0.19	0.03	0.00	0.00	0.00	0.00
-33	0.96	0.54	0.27	0.09	0.02	0.00	0.00	0.00	0.00	0.00
-37.5	0.11	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-42.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-47.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-90										
Total	304.29	210.51	164.36	117.04	72.21	33.87	8.41	1.24	0.00	0.00

Vert. Angles	**Horizontal Angles**			
	75	**85**	**90**	**Total**
90	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00
75	0.00	0.00	0.00	0.00
65	0.00	0.00	0.00	1.44
55	0.00	0.00	0.00	8.71
47.5	0.00	0.00	0.00	17.95
42.5	0.00	0.00	0.00	36.37
37.5	0.00	0.00	0.00	53.82
33	0.00	0.00	0.00	74.40
29	0.00	0.00	0.00	97.38
25.5	0.00	0.00	0.00	115.26
22.5	0.00	0.00	0.00	156.93
19.5	0.00	0.00	0.00	179.26
17	0.00	0.00	0.00	189.26

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LUMENS TABULATION - (Cont.)

15			
	0.00	0.00	245.72
13			
	0.00	0.00	322.27
11			
	0.00	0.00	424.14
9			
	0.00	0.00	554.06
7			
	0.00	0.00	703.10
5			
	0.00	0.00	842.42
3			
	0.00	0.00	944.67
1			
	0.00	0.00	494.96
0			
	0.00	0.00	498.39
-1			
	0.00	0.00	968.44
-3			
	0.00	0.00	881.52
-5			
	0.00	0.00	742.92
-7			
	0.00	0.00	579.48
-9			
	0.00	0.00	436.54
-11			
	0.00	0.00	330.76
-13			
	0.00	0.00	251.11
-15			
	0.00	0.00	190.55
-17			
	0.00	0.00	176.02
-19.5			
	0.00	0.00	142.99
-22.5			
	0.00	0.00	90.83
-25.5			
	0.00	0.00	65.26
-29			
	0.00	0.00	39.92
-33			
	0.00	0.00	17.44
-37.5			
	0.00	0.00	3.76
-42.5			
	0.00	0.00	0.04
-47.5			
	0.00	0.00	0.00
-55			
	0.00	0.00	0.00
-65			
	0.00	0.00	0.00

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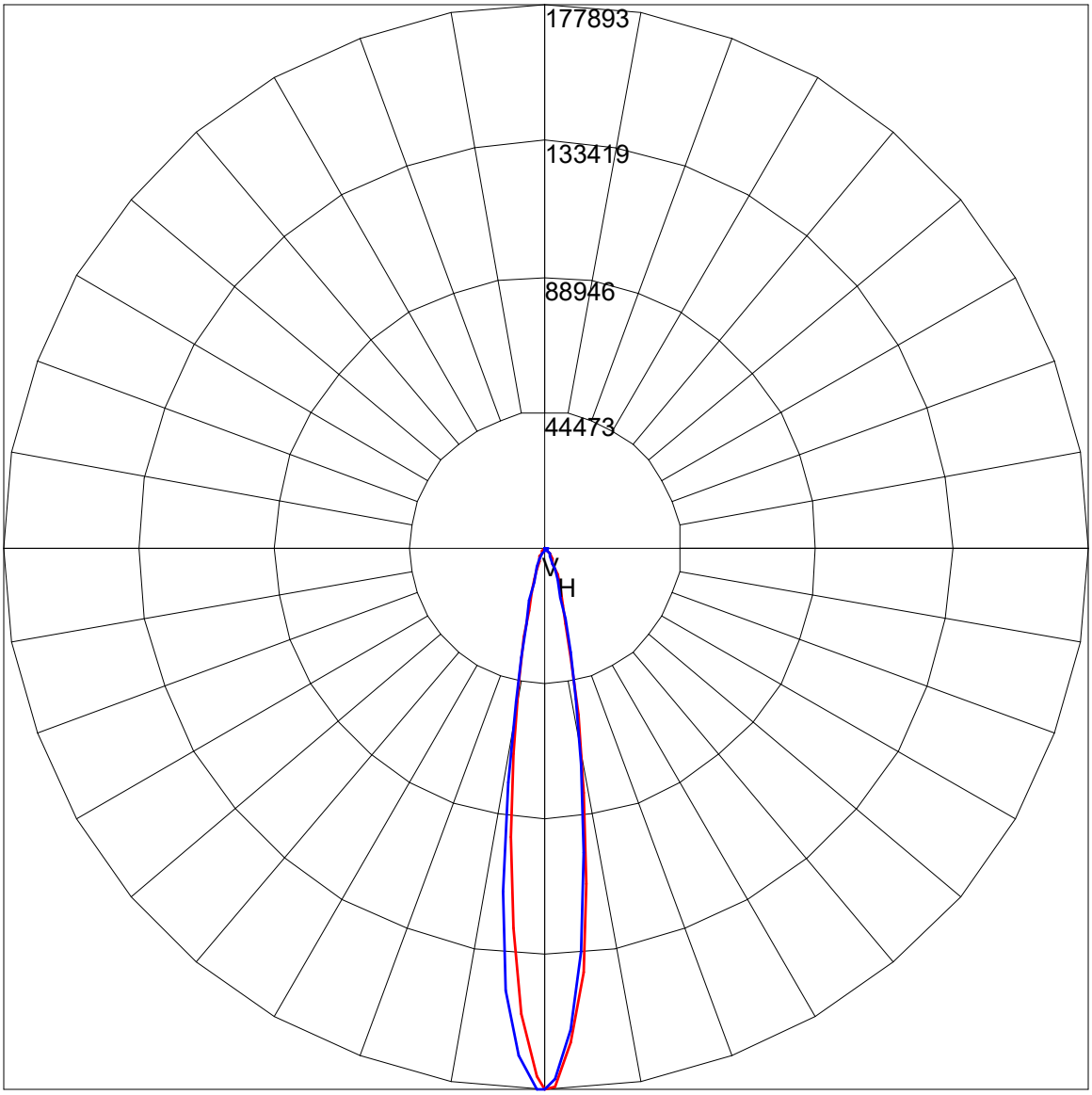
IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-150W-LED-10SP.IES

LUMENS TABULATION - (Cont.)

-75			
	0.00	0.00	0.00
-85			
	0.00	0.00	0.00
-90			
Total	0.00	0.00	10878.14

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-150W-LED-10SP.IES

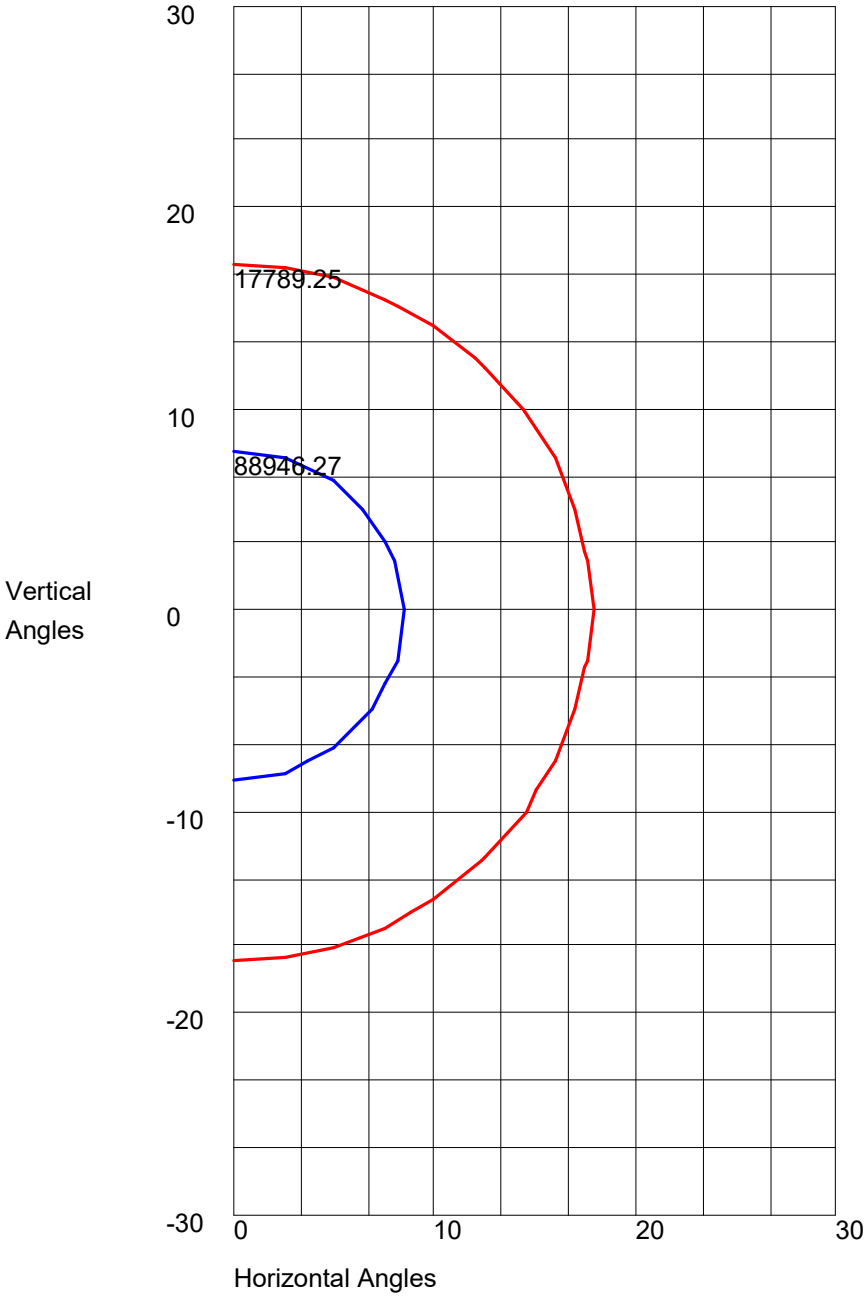
AXIAL CANDELA DISPLAY



Maximum Candela = 177892.544 Located At Horizontal Angle = 0, Vertical Angle =-1
H - Horizontal Axial Candela
V - Vertical Axial Candela

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-150W-LED-10SP.IES

ISOCANDELA CURVES



Maximum Candela = 177892.544 Located At Horizontal Angle = 0, Vertical Angle =-1
50% Maximum Candela = 88946.272
10% Maximum Candela = 17789.2544

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-150W-LED-24WS.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 194017
[TESTLAB] RADIANT IMAGING PROSOURCE
[TESTDATE] 2019-04-12
[ISSUEDATE] 2019-04-12
[MANUFAC] LARSON ELECTRONICS LLC
[LUMCAT] GAU-LTL-150W-LED-24WS
[LUMINAIRE] 150W LED FLOOD LIGHT - 24 DEGREE OPTICS
[OTHER] EVERFINE GO-R5000_V2 SYSTEM
[LAMPPOSITION] 0,0

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

CHARACTERISTICS



NEMA Type	4 H x 4 V
Maximum Candela	71971.707
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	23.6
Vertical Beam Angle (50%)	23.5
Horizontal Field Angle (10%)	49.9
Vertical Field Angle (10%)	49.7
Lumens Per Lamp	21600 (1 lamp)
Total Lamp Lumens	21600
Beam Lumens	6642
Beam Efficiency	31 %
Field Lumens	13991
Field Efficiency	65 %
Spill Lumens	6151
Luminaire Lumens	20142
Total Efficiency	93 %
Total Luminaire Watts	150
Ballast Factor	1.00

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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	22.838	90	15.946
85	47.528	85	44.038
75	160.118	75	153.981
65	363.261	65	357.148
55	767.649	55	884.142
47.5	1434.164	47.5	1519.822
42.5	2071.409	42.5	2183.604
37.5	2850.982	37.5	2965.79
33	3775.949	33	3896.05
29	5021.063	29	5200.004
25.5	6709.879	25.5	7001.77
22.5	9633.85	22.5	10093.082
19.5	13466.393	19.5	14135.456
17	19215.554	17	20177.74
15	23814.882	15	25011.567
13	31630.916	13	33380.581
11	39446.949	11	41749.595
9	47404.684	9	50116.449
7	55504.12	7	58481.143
5	63603.556	5	66845.837
3	66950.816	3	68896.185
1	70298.077	1	70946.533
0	71971.707	0	71971.707
-1	70222.474	-1	70163.288
-3	66724.008	-3	66546.45
-5	63225.542	-5	62929.612
-7	55047.479	-7	53944.543
-9	46869.416	-9	44959.474
-11	38877.984	-11	36644.937
-13	31073.183	-13	29000.932
-15	23268.382	-15	21356.928
-17	18800.991	-17	17236.964
-19.5	13216.752	-19.5	12087.008
-22.5	9507.593	-22.5	8756.1
-25.5	6675.923	-25.5	6238.462
-29	5000.413	-29	4721.417
-33	3757.675	-33	3588.368
-37.5	2850.55	-37.5	2738.118
-42.5	2075.362	-42.5	1987.263
-47.5	1419.702	-47.5	1360.17
-55	747.215	-55	770.911
-65	350.495	-65	313.989
-75	151.83	-75	138.664
-85	41.216	-85	39.521
-90	18.031	-90	19.05

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IES FLOOD REPORT
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CANDELA TABULATION
Maximum Candela = 71971.707
Beam Edge = 35985.8535 Cd (50% of Max.)
Field Edge = 7197.1707 Cd (10% of Max.)
* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	-90.0	-85.0	-75.0	-65.0	-55.0	-47.5	-42.5	-37.5	-33.0	-29.0
90.0	17.985	17.966	17.928	17.889	17.893	17.929	17.952	17.975	17.996	17.941
85.0	17.989	19.976	23.852	27.488	30.970	33.514	35.093	36.563	37.782	38.796
75.0	17.997	23.946	35.563	53.562	77.068	93.607	107.627	120.652	131.414	140.069
65.0	18.005	27.737	53.367	94.902	149.942	197.821	234.993	273.436	305.566	330.927
55.0	18.012	31.237	75.233	146.472	238.707	322.119	375.649	444.636	499.147	544.191
47.5	18.016	33.607	90.190	187.315	311.131	433.960	524.587	662.428	779.226	904.717
42.5	18.019	35.042	102.471	214.330	357.895	520.443	686.516	865.481	1058.559	1221.239
37.5	18.022	36.349	113.557	238.890	423.189	653.845	861.676	1120.303	1396.837	1652.278
33.0	18.024	37.407	122.439	261.893	475.706	764.065	1052.354	1394.925	1738.325	2101.746
29.0	18.026	38.248	129.414	281.630	519.327	883.615	1210.508	1650.329	2102.562	2527.049
25.5	18.027	38.903	134.779	297.078	573.664	987.550	1384.466	1881.355	2408.132	2873.739
22.5	18.028	39.403	138.814	308.892	614.729	1067.189	1518.219	2087.344	2659.094	3163.465
19.5	18.029	39.844	142.319	319.331	650.512	1137.529	1636.679	2272.063	2887.092	3486.972
17.0	18.029	40.166	144.829	326.942	676.186	1196.958	1722.986	2408.320	3054.501	3809.005
15.0	18.030	40.394	146.566	332.298	693.959	1249.181	1799.144	2505.192	3173.335	4034.797
13.0	18.030	40.594	148.060	336.988	709.241	1294.703	1871.453	2596.071	3277.884	4233.564
11.0	18.031	41.194	149.310	340.999	722.013	1333.379	1933.302	2673.812	3409.117	4403.659
9.0	18.031	41.198	150.316	344.322	732.261	1365.087	1984.388	2737.965	3534.242	4543.616
7.0	18.031	41.202	151.078	346.944	739.980	1389.733	2024.450	2788.152	3632.378	4707.706
5.0	18.031	41.206	152.349	348.858	745.175	1407.251	2053.280	2824.087	3702.969	4868.768
3.0	18.031	41.210	152.142	350.873	750.627	1417.605	2070.725	2845.574	3745.717	4967.787
1.0	18.031	41.214	151.934	350.621	748.353	1420.791	2076.693	2852.524	3760.606	5004.851
0.0	18.031	41.216	151.830	350.495	747.215	1419.702	2075.362	2850.550	3757.675	5000.413
-1.0	18.031	41.216	151.829	350.143	746.770	1417.372	2071.381	2844.170	3746.825	4981.509
-3.0	18.031	41.192	151.827	349.439	745.882	1407.398	2054.870	2820.692	3704.867	4899.056
-5.0	18.031	41.177	151.824	346.488	737.352	1390.401	2027.125	2783.207	3636.507	4758.469
-7.0	18.031	41.161	150.351	343.656	729.151	1366.480	1988.394	2732.139	3542.673	4561.997
-9.0	18.031	41.145	149.389	340.145	718.546	1335.761	1938.978	2667.996	3424.484	4367.576
-11.0	18.031	41.130	148.187	335.972	705.567	1298.395	1879.221	2591.344	3283.207	4200.588
-13.0	18.030	40.521	146.749	331.154	690.247	1254.554	1809.506	2502.802	3138.710	4009.860
-15.0	18.030	40.310	145.075	325.711	672.628	1204.430	1730.243	2403.022	3020.772	3797.367
-17.0	18.029	40.073	143.167	319.661	652.757	1148.230	1648.056	2297.448	2891.470	3565.055
-19.5	18.029	39.739	140.457	311.276	624.829	1084.580	1555.400	2152.432	2715.251	3249.271
-22.5	18.028	39.286	136.735	300.060	586.933	1010.411	1431.492	1960.555	2484.233	2938.452
-25.5	18.027	38.775	132.510	287.650	544.453	928.513	1294.755	1751.125	2238.005	2657.924
-29.0	18.026	38.109	126.964	271.756	489.398	823.994	1120.472	1522.904	1937.860	2324.829
-33.0	18.024	37.259	119.836	251.858	445.589	705.856	965.161	1275.258	1584.120	1913.053
-37.5	18.022	36.195	110.858	228.973	394.200	598.194	782.954	1012.718	1258.656	1483.282
-42.5	18.019	34.887	99.762	204.663	331.872	471.710	618.107	772.903	940.819	1079.921
-47.5	18.016	33.456	87.573	178.333	287.675	392.236	468.965	586.665	682.715	788.082
-55.0	18.012	31.103	72.958	138.916	220.615	292.378	334.261	391.296	435.200	470.546
-65.0	18.005	27.645	51.873	89.377	138.716	181.915	215.857	251.269	277.589	295.796
-75.0	17.997	23.911	34.859	50.909	71.206	85.569	97.972	109.319	118.545	125.861
-85.0	17.989	20.010	23.746	26.980	29.649	31.379	32.406	33.321	34.040	34.703
-90.0	17.985	18.035	18.136	18.235	18.056	17.714	17.485	17.256	17.050	16.984

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IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-150W-LED-24WS.IES

CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	-25.5	**-22.5**	**-19.5**	**-17.0**	**-15.0**	**-13.0**	**-11.0**	**-9.0**	**-7.0**	**-5.0**
90.0	17.700	17.494	17.288	17.117	16.979	16.842	16.704	16.566	16.429	16.291
85.0	39.685	40.404	41.077	41.601	41.993	42.359	43.188	43.342	43.497	43.652
75.0	145.172	148.742	151.588	153.419	154.539	155.360	155.889	156.136	156.108	156.561
65.0	344.147	350.398	355.601	359.064	361.221	362.801	363.777	364.120	363.805	362.804
55.0	604.286	653.221	699.163	734.690	761.077	785.474	807.713	827.628	845.053	859.826
47.5	1013.806	1098.745	1176.357	1241.637	1299.671	1351.327	1396.406	1434.725	1466.126	1490.472
42.5	1400.510	1539.598	1666.202	1761.414	1844.555	1924.078	1993.626	2052.833	2101.371	2138.956
37.5	1883.360	2093.564	2282.618	2427.964	2533.263	2633.987	2722.369	2797.843	2859.897	2908.091
33.0	2404.063	2650.313	2881.325	3054.887	3184.972	3302.072	3448.361	3590.343	3706.297	3795.314
29.0	2869.899	3153.857	3469.284	3793.623	4030.010	4246.999	4437.686	4600.319	4792.797	4987.518
25.5	3263.600	3733.548	4210.428	4571.995	5000.228	5463.901	5878.355	6234.447	6527.468	6753.152
22.5	3739.816	4298.419	4956.000	5724.116	6287.974	6800.520	7311.079	*8172.741	*8892.004	*9454.332 *
19.5	4225.864	4965.413	6054.201	6898.317	7863.448	*9097.387	*10199.883	*11191.421	*12031.814	*12699.298 *
17.0	4597.366	5742.462	6907.468	8492.022	*9961.720	*11318.025	*12540.683	*14656.491	*16663.494	*18268.925 *
15.0	5022.387	6314.231	7884.312	*9977.250	*11551.491	*13326.161	*16183.612	*18708.154	*20932.282	*22760.204 *
13.0	5461.029	6818.292	9139.411	*11358.570	*13353.169	*16736.743	*19856.121	*22645.314	*25518.400	*29051.962 *
11.0	5838.093	7281.893	*10236.645	*12616.114	*16251.664	*19900.297	*23307.334	*27806.799	*32505.581	*36512.288 *
9.0	6149.634	8075.654	*11119.923	*14670.743	*18831.864	*22752.642	*27856.026	*33806.988	*39142.075	*43644.581 *
7.0	6392.354	8703.836	*11814.855	*16449.843	*20794.299	*25546.565	*32568.828	*39142.426	*45206.908	*50545.217 *
5.0	6563.862	9157.988	*12308.230	*17760.048	*22226.879	*28509.274	*36051.965	*43491.152	*50407.828	*56710.823 *
3.0	6662.889	9432.902	*12929.808	*18567.083	*23090.630	*30409.857	*38214.036	*46053.837	*53911.130	*61514.566 *
1.0	6689.449	9527.308	*13233.030	*18853.202	*23431.524	*31150.323	*39011.905	*47037.552	*55228.696	*63830.698 *
0.0	6675.923	9507.593	*13216.752	*18800.991	*23268.382	*31073.183	*38877.984	*46869.416	*55047.479	*63225.542 *
-1.0	6650.600	9457.220	*13115.004	*18666.176	*23171.517	*30803.748	*38546.407	*46455.492	*54542.736	*62965.609 *
-3.0	6548.261	9228.426	*12588.303	*18024.598	*22339.345	*29406.062	*36874.908	*44330.578	*51904.582	*59053.171 *
-5.0	6379.089	8835.988	*11776.183	*16915.100	*21057.998	*26947.118	*33992.027	*40760.049	*47284.145	*53081.757 *
-7.0	6146.420	8290.861	*11126.049	*15382.464	*19317.300	*23566.056	*30038.058	*35958.338	*41206.621	*46006.293 *
-9.0	5854.326	7605.924	*10323.492	*13478.384	*17180.738	*20622.811	*25175.801	*30464.292	*34984.236	*38557.384 *
-11.0	5507.354	6795.003	9387.703	*11421.051	*14643.235	*17808.427	*20663.584	*24533.135	*28502.601	*31988.783 *
-13.0	5110.283	6303.370	8318.913	*10207.888	*11886.412	*14801.237	*17400.056	*19615.988	*21923.388	*25134.384 *
-15.0	4667.902	5800.820	7151.392	8919.623	*10209.669	*11650.272	*14030.328	*16044.980	*17905.396	*19467.850 *
-17.0	4255.553	5257.613	6248.339	7571.912	*8772.277	*9842.477	*10763.761	*12497.266	*14230.147	*15610.463 *
-19.5	3900.151	4538.899	5459.643	6147.935	6924.464	7902.322	*8741.471	*9571.814	*10278.384	*10839.353 *
-22.5	3445.192	3924.111	4474.377	5101.456	5545.779	5933.836	6360.902	7093.252	7705.554	*8186.636 *
-25.5	3004.018	3407.088	3804.947	4097.754	4437.579	4817.968	5180.817	5497.009	5762.329	5972.837
-29.0	2627.274	2875.276	3142.803	3407.206	3604.056	3803.903	3982.861	4139.186	4318.673	4498.721
-33.0	2183.357	2398.838	2596.933	2747.624	2875.891	2993.222	3132.011	3266.256	3378.842	3468.700
-37.5	1685.675	1870.460	2033.683	2174.594	2278.906	2378.672	2467.670	2545.255	2610.817	2663.797
-42.5	1234.597	1352.019	1465.166	1554.831	1635.151	1713.309	1782.649	1842.710	1893.055	1933.277
-47.5	879.197	950.516	1023.591	1085.618	1140.668	1190.016	1233.467	1270.846	1301.994	1326.773
-55.0	517.717	559.255	599.218	630.653	654.328	676.495	696.968	715.558	732.076	746.337
-65.0	304.043	307.580	310.827	313.201	314.816	316.128	317.090	317.654	317.772	317.395
-75.0	130.473	133.709	136.296	137.969	138.998	139.759	140.259	140.504	140.501	140.935
-85.0	35.542	36.209	36.825	37.299	37.651	37.980	38.661	38.817	38.974	39.130
-90.0	17.234	17.448	17.662	17.840	17.982	18.125	18.267	18.410	18.552	18.694

Vert. Angles	Horizontal Angles									
	-3.0	**-1.0**	**0.0**	**1.0**	**3.0**	**5.0**	**7.0**	**9.0**	**11.0**	**13.0**
90.0	16.153	16.015	15.946	16.088	16.371	16.653	16.936	17.218	17.501	17.783
85.0	43.806	43.961	44.038	44.125	44.300	44.474	44.649	44.823	44.997	44.467
75.0	155.529	154.497	153.981	154.655	156.003	157.351	157.219	157.568	157.645	157.443
65.0	361.942	358.746	357.148	357.873	359.324	358.531	357.945	356.797	355.146	353.053

IES FLOOD REPORT
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CANDELA TABULATION - (Cont.)

55.0	875.286	881.189	884.142	879.884	871.374	853.392	836.164	816.402	794.299	770.050
47.5	1507.652	1517.588	1519.822	1515.264	1500.721	1479.051	1450.412	1414.989	1372.986	1324.632
42.5	2165.353	2180.387	2183.604	2176.534	2153.879	2120.118	2075.591	2020.691	1955.850	1881.531
37.5	2942.061	2961.540	2965.790	2955.854	2925.081	2880.047	2821.167	2748.941	2663.934	2566.767
33.0	3856.698	3890.000	3896.050	3880.939	3829.917	3751.995	3648.368	3520.409	3369.623	3216.114
29.0	5120.361	5189.585	5200.004	5173.836	5073.969	4913.004	4694.230	4481.555	4301.956	4099.334
25.5	6907.936	6989.208	7001.770	6963.827	6833.017	6632.286	6366.391	6040.712	5660.933	5232.769
22.5	9846.536	*10057.796	*10093.082	*10022.212	9741.446	*9284.590	*8665.266	*7898.900	*7001.628	6478.707
19.5	13530.164	*14050.228	*14135.456	*14001.156	*13385.817	*12467.625	*11723.412	*10820.299	*9783.714	*8691.243 *
17.0	19416.682	*20058.202	*20177.740	*19992.784	*19224.639	*17962.274	*16260.402	*14179.131	*12043.481	*10827.380 *
15.0	24090.733	*24934.893	*25011.567	*24852.385	*23849.609	*22377.146	*20432.063	*18131.357	*15594.316	*12753.357 *
13.0	31633.179	*33101.991	*33380.581	*32986.545	*31301.185	*28542.926	*24888.383	*21960.403	*19154.051	*16052.633 *
11.0	39577.197	*41381.137	*41749.595	*41220.538	*39118.076	*35815.104	*31674.853	*26954.150	*22469.349	*19086.891 *
9.0	47367.767	*49631.748	*50116.449	*49405.078	*46728.565	*42694.487	*38080.567	*32724.984	*26822.436	*21790.914 *
7.0	54932.122	*57832.891	*58481.143	*57501.477	*54018.153	*49350.237	*43870.401	*37792.892	*31295.715	*24559.518 *
5.0	62003.513	*66318.251	*66845.837	*65798.005	*60684.635	*55347.496	*48906.294	*41945.907	*35017.608	*27850.912 *
3.0	66176.756	*68186.556	*68896.185	*67650.701	*65002.129	*60081.597	*52841.131	*45272.458	*37742.295	*30187.495 *
1.0	67065.235	*70039.866	*70946.533	*69648.248	*66617.401	*63543.447	*55158.474	*47124.125	*39219.614	*31439.142 *
0.0	66724.008	*70222.474	*71971.707	*70298.077	*66950.816	*63603.556	*55504.120	*47404.684	*39446.949	*31630.916 *
-1.0	66172.014	*69089.930	*70163.288	*69434.732	*66373.338	*63307.071	*54928.181	*46899.844	*39031.605	*31300.948 *
-3.0	63329.617	*65514.974	*66546.450	*66354.033	*64361.960	*59351.615	*52138.527	*44591.856	*37202.536	*29788.130 *
-5.0	57533.307	*62212.846	*62929.612	*63027.464	*59601.949	*54215.156	*47744.940	*40838.322	*34190.750	*27232.253 *
-7.0	50138.046	*53227.399	*53944.543	*53796.685	*51750.533	*47689.592	*42225.165	*36485.384	*30277.889	*23780.872 *
-9.0	42190.416	*44487.821	*44959.474	*44919.763	*43438.988	*40474.089	*36335.244	*31331.567	*25721.644	*20949.596 *
-11.0	34746.237	*36338.573	*36644.937	*36663.575	*35676.823	*33406.510	*29967.038	*25564.610	*21369.466	*18259.260 *
-13.0	27463.066	*28766.926	*29000.932	*29002.946	*28143.050	*26181.011	*23226.942	*20663.956	*18139.607	*15295.355 *
-15.0	20595.093	*21300.256	*21356.928	*21471.355	*21087.808	*20229.602	*18857.866	*17005.508	*14720.239	*12115.786 *
-17.0	16592.275	*17137.053	*17236.964	*17257.458	*16940.078	*16147.400	*14898.307	*13225.902	*11345.704	*10284.314 *
-19.5	11556.469	*12009.939	*12087.008	*12081.890	*11763.096	*11157.680	*10691.631	*10051.475	*9248.771	*8289.069 *
-22.5	8526.657	*8717.907	*8756.100	*8761.001	*8652.530	*8385.344	*7961.408	*7385.963	*6666.884	6236.848
-25.5	6125.081	6216.325	6238.462	6241.174	6198.414	6091.088	5919.801	5686.202	5392.823	5042.879
-29.0	4627.672	4703.678	4721.417	4718.975	4672.716	4571.008	4414.159	4254.914	4117.464	3953.730
-33.0	3534.914	3576.756	3588.368	3586.495	3563.843	3515.963	3443.046	3345.519	3224.023	3095.902
-37.5	2703.695	2730.090	2738.118	2736.429	2722.569	2694.779	2653.206	2598.093	2529.771	2448.643
-42.5	1963.010	1981.936	1987.263	1986.285	1976.008	1954.781	1922.828	1880.427	1827.902	1765.615
-47.5	1345.068	1356.792	1360.170	1360.091	1354.933	1343.109	1324.645	1299.595	1268.040	1230.087
-55.0	761.304	767.707	770.911	769.835	767.685	756.857	746.644	734.014	719.111	702.082
-65.0	317.189	315.056	313.989	316.183	320.571	322.985	325.534	327.526	328.991	329.962
-75.0	140.027	139.118	138.664	139.598	141.467	143.335	143.841	144.781	145.460	145.870
-85.0	39.286	39.443	39.521	39.658	39.933	40.208	40.483	40.757	41.032	40.746
-90.0	18.837	18.979	19.050	19.086	19.159	19.231	19.303	19.375	19.447	19.520

Vert. Angles	**Horizontal Angles**									
	15.0	**17.0**	**19.5**	**22.5**	**25.5**	**29.0**	**33.0**	**37.5**	**42.5**	**47.5**
90.0	18.066	18.348	18.701	19.124	19.547	20.041	20.270	20.403	20.550	20.697
85.0	44.413	44.329	44.182	43.947	43.650	43.229	42.245	40.903	39.305	37.611
75.0	156.954	156.170	154.766	152.446	149.416	144.964	135.834	124.527	110.959	96.465
65.0	350.576	347.776	343.910	338.884	333.615	323.192	302.137	273.044	235.033	198.160
55.0	743.852	715.899	678.783	631.536	582.188	525.067	480.223	426.727	360.473	314.110
47.5	1270.169	1209.853	1141.705	1060.832	977.137	871.301	750.501	639.041	506.679	419.742
42.5	1798.220	1712.026	1613.100	1486.006	1351.254	1178.504	1020.912	834.798	663.036	502.956
37.5	2458.099	2347.531	2198.289	2015.302	1813.146	1590.872	1345.429	1080.399	832.182	633.255
33.0	3089.160	2950.465	2775.518	2546.253	2305.911	2016.404	1670.220	1342.056	1015.087	743.990
29.0	3875.878	3646.710	3339.995	3034.172	2753.712	2416.361	2012.576	1583.711	1170.496	863.359
25.5	4776.747	4368.064	4025.762	3577.056	3133.497	2750.396	2298.191	1802.801	1341.769	967.849

CANDELA TABULATION - (Cont.)

22.5	5987.183	5448.612	4717.591	4096.809	3574.298	3028.661	2535.518	2004.435	1475.268	1049.010
19.5	7481.565	*6548.199	5745.150	4713.133	4019.123	3332.094	2767.957	2187.532	1595.357	1121.811
17.0	9495.028	*8065.494	*6540.818	5437.465	4357.298	3641.903	2945.399	2324.557	1684.423	1183.502
15.0	11007.2759	476.951	*7461.297	*5968.677	4766.553	3870.674	3075.017	2423.613	1762.166	1237.449
13.0	12718.1271	0777.5148	644.804	*6457.677	5213.003	4078.447	3192.644	2522.748	1836.370	1285.214
11.0	15497.8331	*1947.5839	714.121	*6949.382	5609.558	4263.330	3333.952	2610.053	1900.985	1326.611
9.0	17946.6631	*4015.0241	0668.1277	*782.195	*5951.607	4423.439	3470.357	2684.853	1955.663	1361.474
7.0	20094.9601	*5946.5951	*1471.9528	475.795	*6234.721	4611.982	3583.061	2746.509	2000.092	1389.657
5.0	21814.7821	*7472.5581	*2107.0679	017.072	*6454.875	4802.255	3670.918	2794.436	2033.999	1411.037
3.0	23035.6341	*8543.8391	*2899.2359	394.413	*6608.694	4934.598	3732.950	2828.111	2057.163	1425.518
1.0	23776.5121	*9120.7681	*3389.2559	598.639	*6693.684	5007.354	3768.384	2847.102	2069.413	1433.033
0.0	23814.8821	*9215.5541	*3466.3939	633.850	*6709.879	5021.063	3775.949	2850.982	2071.409	1434.164
-1.0	23674.5481	*9051.5321	*3350.8849	578.968	*6685.498	5004.114	3766.867	2845.679	2067.974	1431.977
-3.0	22743.0011	*8344.6771	*2789.9109	337.617	*6584.783	4925.318	3728.445	2823.816	2052.854	1422.365
-5.0	21365.2561	*7167.8261	*1941.3548	929.612	*6417.140	4788.226	3663.562	2787.184	2026.845	1405.827
-7.0	19538.7701	*5573.0801	*1261.3968	367.843	*6186.191	4595.286	3573.076	2736.169	1990.130	1382.456
-9.0	17343.2941	*3617.5231	0431.5197	666.861	*5896.259	4404.770	3458.041	2671.242	1942.948	1352.376
-11.0	14910.1511	*1565.1439	472.544	*6841.839	5552.094	4241.647	3319.672	2592.945	1885.583	1315.731
-13.0	12193.6091	0403.9738	418.431	*6351.429	5158.627	4054.348	3176.174	2501.882	1818.360	1272.690
-15.0	10535.4499	140.612	*7271.541	*5866.914	4720.750	3844.809	3054.780	2398.697	1741.637	1223.439
-17.0	9093.738	*7792.477	*6382.434	5344.857	4317.753	3614.947	2920.944	2296.735	1661.620	1168.180
-19.5	7204.480	*6353.429	5608.294	4639.761	3974.188	3303.570	2737.575	2156.354	1570.507	1105.197
-22.5	5791.128	5296.865	4618.648	4031.021	3526.807	2992.130	2497.039	1969.559	1448.567	1031.376
-25.5	4641.280	4264.393	3941.674	3513.571	3084.894	2704.995	2254.097	1764.595	1313.906	949.751
-29.0	3765.143	3555.955	3266.153	2971.911	2697.035	2363.070	1965.460	1544.275	1142.161	845.451
-33.0	2988.165	2867.200	2701.755	2479.173	2244.102	1960.513	1621.032	1304.182	988.108	727.421
-37.5	2355.179	2258.198	2124.220	1946.682	1749.681	1535.648	1300.782	1046.312	808.668	619.978
-42.5	1693.960	1619.571	1536.556	1423.446	1296.463	1132.301	983.736	807.065	644.924	494.292
-47.5	1185.863	1135.517	1078.800	1011.167	934.815	835.858	722.390	618.462	494.633	411.786
-55.0	683.077	662.246	633.865	596.755	556.701	504.136	465.249	417.164	354.907	307.796
-65.0	330.467	330.540	330.072	328.772	326.769	318.088	296.385	266.844	228.995	192.808
-75.0	145.999	145.840	145.222	143.844	141.750	138.374	130.045	119.579	106.871	93.138
-85.0	40.829	40.882	40.907	40.872	40.768	40.557	39.859	38.855	37.624	36.282
-90.0	19.592	19.664	19.753	19.861	19.969	20.094	20.246	20.420	20.613	20.805

Vert. Angles	**Horizontal Angles**				
	55.0	**65.0**	**75.0**	**85.0**	**90.0**
90.0	20.917	21.351	21.927	22.502	22.789
85.0	34.932	31.558	28.231	24.643	22.793
75.0	79.727	57.891	40.712	28.876	22.802
65.0	150.279	97.696	58.754	32.928	22.810
55.0	236.644	148.936	80.578	36.678	22.817
47.5	306.313	189.995	95.691	39.223	22.822
42.5	351.756	217.448	108.108	40.768	22.826
37.5	416.598	242.650	119.376	42.178	22.828
33.0	469.699	266.005	128.461	43.322	22.831
29.0	514.614	286.129	135.645	44.233	22.832
25.5	570.543	302.120	141.215	44.946	22.834
22.5	613.398	314.541	145.439	45.491	22.835
19.5	651.335	325.704	149.144	45.975	22.836
17.0	679.057	333.997	151.828	46.329	22.836
15.0	698.614	339.944	153.709	46.581	22.837
13.0	715.795	345.260	155.350	46.803	22.837
11.0	730.564	349.926	156.750	47.452	22.838
9.0	742.889	353.926	157.908	47.466	22.838

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CANDELA TABULATION - (Cont.)

7.0	752.746	357.243	158.824	47.480	22.838
5.0	760.120	359.861	160.252	47.493	22.838
3.0	767.800	362.597	160.198	47.507	22.838
1.0	767.699	363.039	160.145	47.528	22.838
0.0	767.649	363.261	160.118	47.528	22.838
-1.0	767.235	362.930	160.114	47.517	22.838
-3.0	766.407	362.268	160.106	47.496	22.838
-5.0	757.845	359.315	160.098	47.474	22.838
-7.0	749.626	356.481	158.610	47.453	22.838
-9.0	738.987	352.950	157.635	47.431	22.838
-11.0	725.961	348.739	156.419	47.410	22.837
-13.0	710.589	343.864	154.962	46.755	22.837
-15.0	692.916	338.344	153.266	46.526	22.837
-17.0	672.992	332.197	151.333	46.268	22.836
-19.5	645.006	323.660	148.585	45.906	22.835
-22.5	607.062	312.216	144.810	45.414	22.835
-25.5	564.567	299.527	140.521	44.862	22.833
-29.0	509.547	283.242	134.885	44.142	22.832
-33.0	464.382	262.809	127.637	43.224	22.830
-37.5	410.925	239.265	118.497	42.076	22.828
-42.5	345.811	214.252	107.189	40.665	22.825
-47.5	300.051	187.167	94.757	39.122	22.822
-55.0	230.515	146.664	79.691	36.588	22.817
-65.0	146.707	95.750	58.016	32.864	22.809
-75.0	77.307	56.580	40.246	28.848	22.801
-85.0	34.093	31.203	28.144	24.658	22.793
-90.0	21.094	21.538	22.039	22.539	22.789

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LUMEN TABULATION
Average Of Right And Left Sides
Total Luminaire Lumens (one side of beam only) = 10071.04
Total Field Lumens (one side of beam only) = 6995.62
* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	0	1	3	5	7	9	11	13	15	17
90	0.05	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.11
85	0.30	0.61	0.61	0.61	0.61	0.60	0.60	0.59	0.58	0.71
75	0.78	1.57	1.57	1.57	1.56	1.55	1.54	1.52	1.49	1.83
65	1.89	3.76	3.72	3.66	3.60	3.51	3.42	3.32	3.20	3.83
55	2.74	5.45	5.38	5.27	5.14	4.99	4.81	4.60	4.38	5.15
47.5	2.82	5.60	5.53	5.42	5.28	5.12	4.92	4.69	4.44	5.21
42.5	3.92	7.79	7.69	7.54	7.34	7.11	6.83	6.52	6.18	7.24
37.5	4.70	9.33	9.19	8.99	8.72	8.39	8.02	7.64	7.26	8.51
33	5.53	10.96	10.74	10.39	9.96	9.52	9.06	8.58	8.09	9.37
29	6.49	12.85	12.56	12.10	11.54	10.93	10.25	9.50	8.73	9.94
25.5	7.79 *	15.38 *	14.92 *	14.22 *	13.30 *	12.19	11.13	10.20	9.26	10.31
22.5	11.03 *	21.61 *	20.60 *	19.36 *	17.96 *	16.28 *	14.61 *	13.01	11.47	12.50
19.5	13.01 *	25.43 *	24.11 *	22.36 *	20.27 *	17.89 *	15.74 *	13.81 *	11.86 *	12.49
17	13.72 *	26.85 *	25.52 *	23.58 *	21.11 *	18.30 *	15.58 *	13.34 *	11.42 *	11.72 *
15	17.72 *	34.51 *	32.45 *	29.46 *	26.12 *	22.83 *	19.32 *	15.89 *	13.21 *	13.51 *
13	22.77 *	44.19 *	41.26 *	37.04 *	32.27 *	27.62 *	23.32 *	19.15 *	15.30 *	15.27 *
11	27.82 *	53.95 *	50.36 *	45.45 *	39.62 *	33.26 *	27.41 *	22.47 *	17.83 *	17.17 *
9	32.86 *	63.53 *	59.14 *	53.40 *	46.72 *	39.30 *	31.76 *	25.46 *	20.31 *	19.19 *
7	37.93 *	72.92 *	67.39 *	60.64 *	52.90 *	44.59 *	35.96 *	28.28 *	22.33 *	20.85 *
5	41.08 *	79.43 *	74.07 *	66.60 *	57.74 *	48.56 *	39.33 *	30.61 *	23.79 *	22.16 *
3	42.28 *	82.25 *	78.07 *	70.60 *	60.72 *	50.95 *	41.32 *	32.00 *	24.66 *	23.06 *
1	21.55 *	41.67 *	39.62 *	35.98 *	30.87 *	25.87 *	20.99 *	16.22 *	12.46 *	11.69 *
0	21.45 *	41.50 *	39.45 *	35.83 *	30.74 *	25.76 *	20.91 *	16.16 *	12.42 *	11.65 *
-1	41.41 *	80.77 *	76.71 *	69.40 *	59.69 *	50.09 *	40.66 *	31.51 *	24.30 *	22.77 *

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IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-150W-LED-24WS.IES

LUMENS TABULATION - (Cont.)

-3	39.30 *	76.40 *	71.49 *	64.34 *	55.74 *	46.91 *	38.08 *	29.69 *	23.13 *	21.61 *
-5	35.49 *	68.69 *	63.81 *	57.47 *	50.15 *	42.38 *	34.27 *	27.01 *	21.42 *	20.09 *
-7	30.02 *	58.44 *	54.73 *	49.60 *	43.59 *	36.81 *	29.81 *	23.98 *	19.24 *	18.30 *
-9	24.80 *	48.47 *	45.65 *	41.53 *	36.45 *	30.72 *	25.41 *	20.94 *	16.71 *	16.22 *
-11	19.96 *	39.09 *	36.88 *	33.37 *	29.26 *	25.19 *	21.41 *	17.70 *	14.23 *	14.32 *
-13	15.33 *	30.11 *	28.61 *	26.19 *	23.41 *	20.64 *	17.60 *	14.58 *	12.22 *	12.63 *
-15	11.75 *	23.19 *	22.28 *	20.80 *	18.80 *	16.44 *	14.12 *	12.19 *	10.55 *	10.93 *
-17	11.15 *	21.94 *	21.01 *	19.66 *	17.99 *	16.02 *	14.23 *	12.62 *	10.95 *	11.65
-19.5	9.51 *	18.74 *	18.02 *	17.09 *	16.00 *	14.65 *	13.27 *	11.93	10.62	11.68
-22.5	6.85 *	13.57 *	13.25 *	12.72	11.99	11.08	10.20	9.41	8.60	9.65
-25.5	5.84	11.59	11.37	11.01	10.56	10.04	9.46	8.81	8.14	9.33
-29	5.06	10.04	9.86	9.58	9.22	8.84	8.43	8.00	7.56	8.78
-33	4.33	8.61	8.50	8.33	8.09	7.80	7.46	7.12	6.77	7.93
-37.5	3.60	7.15	7.07	6.94	6.77	6.55	6.30	6.01	5.70	6.67
-42.5	2.55	5.07	5.01	4.92	4.80	4.65	4.47	4.27	4.04	4.75
-47.5	2.43	4.84	4.79	4.70	4.60	4.46	4.31	4.14	3.94	4.64
-55	1.65	3.30	3.27	3.23	3.18	3.12	3.04	2.96	2.87	3.44
-65	0.69	1.39	1.40	1.40	1.40	1.40	1.39	1.38	1.36	1.67
-75	0.27	0.55	0.55	0.55	0.55	0.55	0.54	0.54	0.53	0.65
-85	0.04	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.10
-90										
Total	612.25	1193.28	1128.39	1033.1	916.53	793.67	671.48	558.53	463.76	471.29

Vert. Angles	**Horizontal Angles**									
	19.5	**22.5**	**25.5**	**29**	**33**	**37.5**	**42.5**	**47.5**	**55**	**65**
90	0.13	0.13	0.14	0.16	0.16	0.17	0.15	0.19	0.19	0.12
85	0.83	0.80	0.88	0.93	0.94	0.90	0.75	0.86	0.75	0.39
75	2.13	2.05	2.26	2.37	2.33	2.16	1.72	1.86	1.45	0.64
65	4.32	4.01	4.25	4.32	4.20	3.83	3.01	3.23	2.40	0.98
55	5.71	5.18	5.35	5.24	4.91	4.31	3.29	3.46	2.52	0.99

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LUMENS TABULATION - (Cont.)

47.5	5.75	5.18	5.28	5.08	4.62	3.92	2.87	2.86	2.03	0.78
42.5	7.94	7.09	7.16	6.83	6.10	5.06	3.60	3.45	2.34	0.88
37.5	9.33	8.32	8.41	7.94	6.98	5.71	3.97	3.68	2.39	0.87
33	10.17	9.06	9.19	8.66	7.55	6.08	4.15	3.74	2.34	0.84
29	10.65	9.32	9.37	8.86	7.71	6.14	4.15	3.68	2.23	0.78
25.5	10.75	9.21	9.07	8.50	7.42	5.90	3.95	3.45	2.05	0.70
22.5	12.65	10.53	10.15	9.34	8.14	6.46	4.28	3.70	2.17	0.72
19.5	12.29	9.93	9.32	8.46	7.29	5.77	3.79	3.26	1.88	0.62
17	11.14	8.81	8.08	7.21	6.13	4.85	3.19	2.72	1.55	0.50
15	12.52	9.60	8.69	7.55	6.37	5.05	3.32	2.82	1.59	0.51
13	13.91 *	10.36	9.26	7.88	6.61	5.23	3.44	2.90	1.62	0.52
11	15.32 *	11.19	9.76	8.19	6.84	5.39	3.54	2.97	1.64	0.52
9	16.66 *	12.06	10.19	8.49	7.04	5.52	3.63	3.03	1.66	0.53
7	17.71 *	12.73 *	10.58	8.77	7.20	5.62	3.69	3.07	1.68	0.53
5	18.61 *	13.21 *	10.87	8.99	7.31	5.69	3.74	3.10	1.69	0.53
3	19.28 *	13.48 *	11.03	9.12	7.38	5.73	3.76	3.12	1.70	0.53
1	9.76 *	6.79 *	5.54	4.58	3.70	2.87	1.88	1.56	0.85	0.27
0	9.74 *	6.77 *	5.54	4.58	3.70	2.87	1.88	1.56	0.85	0.27
-1	19.08 *	13.37 *	10.96	9.07	7.35	5.71	3.75	3.11	1.69	0.53
-3	18.22 *	12.99 *	10.73	8.90	7.26	5.65	3.71	3.08	1.68	0.53
-5	17.17 *	12.43 *	10.38	8.65	7.12	5.56	3.65	3.04	1.67	0.53
-7	16.01 *	11.69	9.95	8.33	6.94	5.44	3.58	2.99	1.65	0.52
-9	14.61 *	10.79	9.48	8.01	6.72	5.30	3.49	2.93	1.62	0.52
-11	13.20 *	9.94	8.96	7.68	6.46	5.13	3.37	2.85	1.59	0.51
-13	11.83	9.18	8.38	7.33	6.21	4.93	3.24	2.76	1.56	0.50
-15	10.52	8.40	7.77	6.97	5.95	4.72	3.10	2.66	1.52	0.50
-17	11.59	9.45	8.94	8.16	7.05	5.59	3.68	3.17	1.85	0.61
-19.5	11.93	10.01	9.71	8.97	7.84	6.23	4.13	3.59	2.12	0.71

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LUMENS TABULATION - (Cont.)

-22.5	10.15	8.75	8.66	8.13	7.10	5.66	3.80	3.33	2.00	0.68
-25.5	10.05	8.83	8.90	8.43	7.33	5.84	3.97	3.54	2.16	0.76
-29	9.57	8.55	8.68	8.18	7.14	5.75	3.94	3.58	2.27	0.82
-33	8.71	7.77	7.87	7.43	6.55	5.37	3.75	3.51	2.31	0.85
-37.5	7.33	6.55	6.63	6.34	5.68	4.73	3.39	3.28	2.25	0.86
-42.5	5.25	4.74	4.85	4.68	4.28	3.65	2.69	2.71	1.95	0.76
-47.5	5.16	4.70	4.88	4.80	4.53	4.01	3.09	3.27	2.41	0.96
-55	3.91	3.65	3.90	4.00	3.92	3.59	2.84	3.06	2.30	0.95
-65	1.96	1.90	2.11	2.22	2.20	2.04	1.62	1.76	1.38	0.62
-75	0.76	0.73	0.82	0.86	0.87	0.84	0.70	0.82	0.72	0.38
-85	0.12	0.12	0.13	0.15	0.15	0.16	0.14	0.19	0.19	0.12
-90										
Total	444.44	350.32	323.07	289.35	249.32	201.11	137.38	123.50	76.44	27.27

Vert. Angles	**Horizontal Angles**		
	75	**85**	**90**	**Total**
90	0.06	0.01	2.49
85	0.15	0.01	14.00
75	0.20	0.02	34.15
65	0.26	0.02	68.75
55	0.24	0.01	89.12
47.5	0.18	0.01	87.60
42.5	0.20	0.01	118.80
37.5	0.19	0.01	138.54
33	0.18	0.01	154.18
29	0.16	0.01	167.94
25.5	0.14	0.01	179.87
22.5	0.15	0.01	226.74
19.5	0.13	0.01	239.70
17	0.10	0.00	235.42

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LUMENS TABULATION - (Cont.)

15			
	0.10	0.00	283.14
13			
	0.10	0.00	340.02
11			
	0.10	0.00	400.82
9			
	0.11	0.00	460.59
7			
	0.11	0.00	515.49
5			
	0.11	0.00	557.21
3			
	0.11	0.00	581.14
1			
	0.05	0.00	294.81
0			
	0.05	0.00	293.67
-1			
	0.11	0.00	572.06
-3			
	0.11	0.00	539.56
-5			
	0.11	0.00	491.10
-7			
	0.10	0.00	431.75
-9			
	0.10	0.00	370.49
-11			
	0.10	0.00	311.22
-13			
	0.10	0.00	257.37
-15			
	0.10	0.00	213.28
-17			
	0.12	0.01	217.45
-19.5			
	0.15	0.01	206.90
-22.5			
	0.14	0.01	165.73
-25.5			
	0.16	0.01	156.12
-29			
	0.18	0.01	144.02
-33			
	0.19	0.01	129.27
-37.5			
	0.19	0.01	110.02
-42.5			
	0.18	0.01	80.28
-47.5			
	0.24	0.01	80.91
-55			
	0.26	0.02	62.46
-65			
	0.20	0.02	31.50

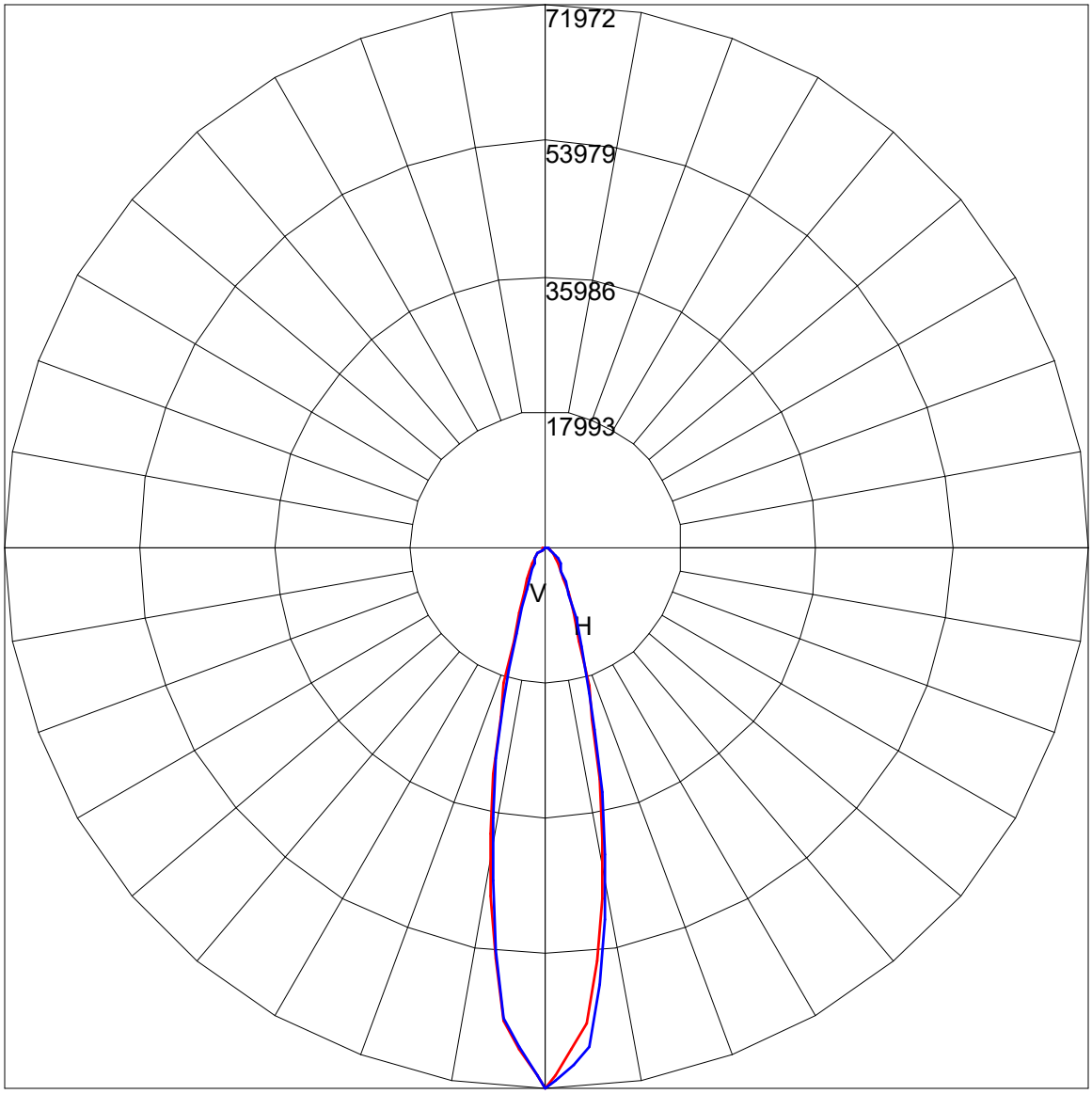
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LUMENS TABULATION - (Cont.)

-75			
	0.15	0.01	12.95
-85			
	0.06	0.01	2.40
-90			
Total	6.22	0.33	10071.04

IES FLOOD REPORT
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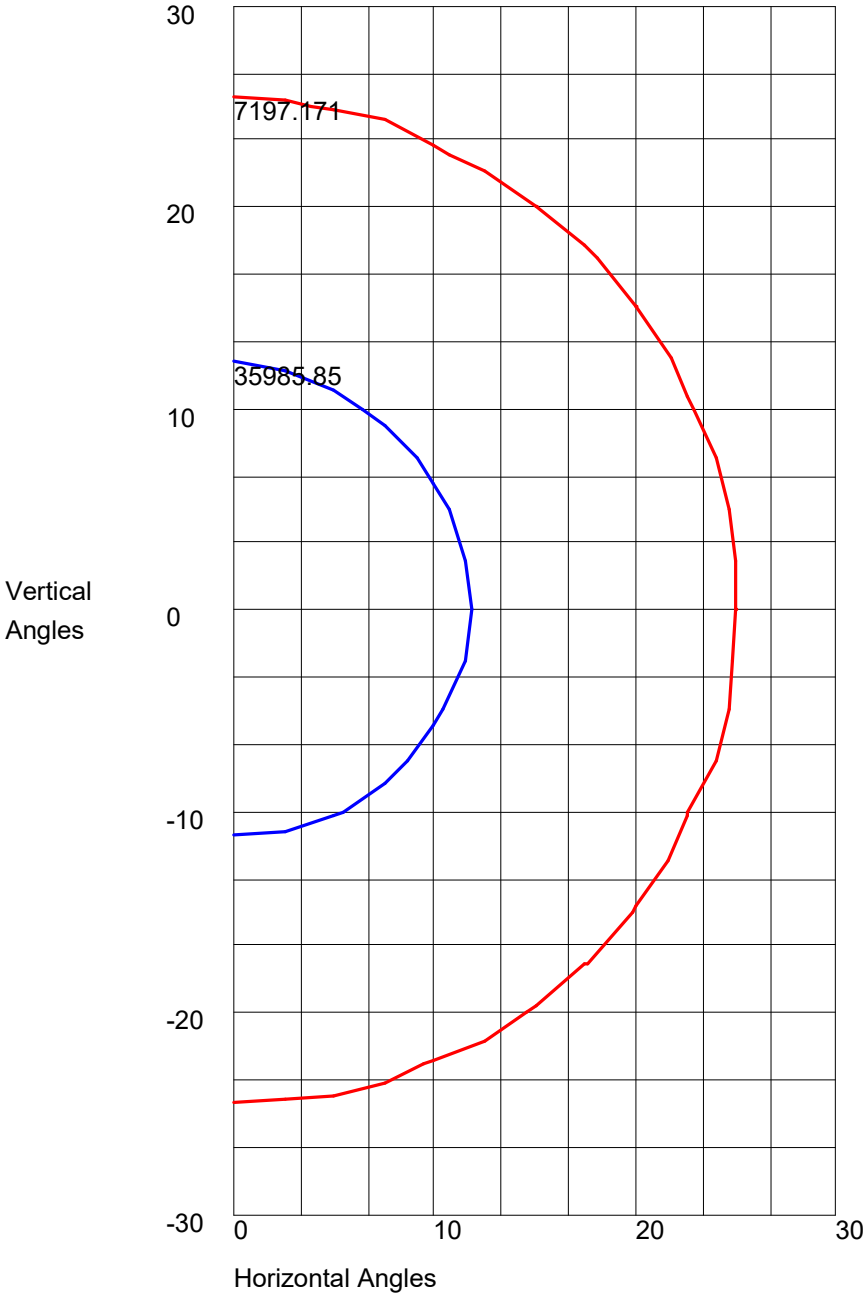
AXIAL CANDELA DISPLAY



Maximum Candela = 71971.707 Located At Horizontal Angle = 0, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

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ISOCANDELA CURVES



Maximum Candela = 71971.707 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 35985.8535
10% Maximum Candela = 7197.1707

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IES FLOOD REPORT
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DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 194018
[TESTLAB] RADIANT IMAGING PROSOURCE
[TESTDATE] 2019-04-12
[ISSUEDATE] 2019-04-12
[MANUFAC] LARSON ELECTRONICS LLC
[LUMCAT] GAU-LTL-150W-LED-38NF
[LUMINAIRE] 150W LED FLOOD LIGHT - 38 DEGREE OPTICS
[OTHER] EVERFINE GO-R5000_V2 SYSTEM
[LAMPPOSITION] 0,0

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

CHARACTERISTICS



NEMA Type	4 H x 4 V
Maximum Candela	42402.371
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	36.9
Vertical Beam Angle (50%)	36.2
Horizontal Field Angle (10%)	68.7
Vertical Field Angle (10%)	67.8
Lumens Per Lamp	21600 (1 lamp)
Total Lamp Lumens	21600
Beam Lumens	9721
Beam Efficiency	45 %
Field Lumens	17639
Field Efficiency	82 %
Spill Lumens	3235
Luminaire Lumens	20875
Total Efficiency	97 %
Total Luminaire Watts	150
Ballast Factor	1.00

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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	0	85	0
75	89.302	75	60.923
65	274.87	65	186.572
55	701.616	55	512.112
47.5	1328.741	47.5	900.613
42.5	2079.607	42.5	1364.285
37.5	3569.641	37.5	2288.476
33	6137.608	33	3868.79
29	9659.662	29	6286.481
25.5	13845.789	25.5	9569.911
22.5	18373.317	22.5	13459.674
19.5	23167.722	19.5	17753.113
17	27492.203	17	22116.8
15	30951.787	15	25607.749
13	33851.478	13	29130.407
11	36751.169	11	32653.066
9	38999.381	9	35637.864
7	40596.112	7	38084.803
5	42192.843	5	40531.742
3	42276.654	3	41279.994
1	42360.465	1	42028.245
0	42402.371	0	42402.371
-1	41623.014	-1	42014.853
-3	40064.301	-3	41239.816
-5	38505.587	-5	40464.779
-7	35723.404	-7	38225.208
-9	32941.221	-9	35985.637
-11	29857.49	-11	33315.347
-13	26472.213	-13	30214.336
-15	23086.935	-15	27113.325
-17	19964.755	-17	23857.652
-19.5	16062.031	-19.5	19788.061
-22.5	12292.044	-22.5	15565.537
-25.5	8902.273	-25.5	11658.837
-29	6099.979	-29	8172.188
-33	3911.257	-33	5349.741
-37.5	2444.963	-37.5	3298.118
-42.5	1580.099	-42.5	2052.584
-47.5	1049.475	-47.5	1413.081
-55	582.574	-55	781.495
-65	183.747	-65	203.797
-75	40.975	-75	35.769
-85	0	-85	0
-90	0	-90	0

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CANDELA TABULATION
Maximum Candela = 42402.371
Beam Edge = 21201.1855 Cd (50% of Max.)
Field Edge = 4240.2371 Cd (10% of Max.)
* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	-90.0	-85.0	-75.0	-65.0	-55.0	-47.5	-42.5	-37.5	-33.0	-29.0
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	1.957	6.614	11.783	20.994	29.752	37.170	43.293
65.0	0.000	0.000	1.629	9.765	41.876	74.688	98.809	121.614	138.658	150.802
55.0	0.000	0.000	4.393	38.871	105.977	158.559	188.639	243.138	286.929	322.873
47.5	0.000	0.000	6.596	67.158	156.440	247.756	320.712	422.038	504.725	573.741
42.5	0.000	0.000	13.506	87.495	188.557	322.992	448.490	568.108	671.086	754.734
37.5	0.000	0.000	19.735	105.941	246.815	431.423	576.625	721.255	881.699	1031.593
33.0	0.000	0.000	24.717	122.208	295.760	525.451	695.537	898.309	1104.805	1381.002
29.0	0.000	0.000	28.624	135.825	337.809	610.107	799.665	1068.014	1399.337	1731.218
25.5	0.000	0.000	31.623	146.505	387.145	680.696	922.293	1242.402	1651.037	2189.179
22.5	0.000	0.000	33.873	154.689	425.785	736.445	1020.606	1423.978	1921.846	2571.345
19.5	0.000	0.000	35.823	161.934	460.789	787.376	1111.759	1592.106	2244.080	3048.052
17.0	0.000	0.000	37.215	167.226	486.995	832.679	1181.588	1720.655	2490.323	3612.394
15.0	0.000	0.000	38.175	170.958	505.914	874.517	1252.413	1817.336	2670.294	4030.137
13.0	0.000	0.000	38.997	174.231	522.934	912.443	1323.670	1957.155	2833.832	4411.323 *
11.0	0.000	0.000	39.680	177.036	537.982	946.243	1387.128	2081.051	3078.544	4752.441 *
9.0	0.000	0.000	40.226	179.365	550.988	975.708	1442.389	2188.206	3330.398	5049.939 *
7.0	0.000	0.000	40.633	181.209	561.886	1000.635	1489.072	2277.861	3540.011	5384.843 *
5.0	0.000	0.000	41.329	182.561	570.613	1020.830	1526.821	2349.337	3705.135	5713.291 *
3.0	0.000	0.000	41.187	183.986	579.731	1036.114	1555.314	2402.050	3823.798	5943.298 *
1.0	0.000	0.000	41.046	183.827	581.626	1046.321	1574.271	2435.538	3894.385	6072.991 *
0.0	0.000	0.000	40.975	183.747	582.574	1049.475	1580.099	2444.963	3911.257	6099.979 *
-1.0	0.000	0.000	41.038	184.007	584.299	1052.743	1584.141	2451.332	3920.573	6112.494 *
-3.0	0.000	0.000	41.164	184.528	587.745	1055.280	1584.790	2449.043	3901.502	6060.928 *
-5.0	0.000	0.000	41.290	183.443	583.744	1052.448	1575.507	2426.370	3831.804	5906.448 *
-7.0	0.000	0.000	40.580	182.417	579.952	1044.218	1556.318	2383.044	3711.509	5649.341 *
-9.0	0.000	0.000	40.157	180.871	573.679	1030.591	1527.304	2318.967	3541.145	5377.849 *
-11.0	0.000	0.000	39.597	178.805	564.903	1011.587	1488.599	2234.208	3321.723	5132.082 *
-13.0	0.000	0.000	38.898	176.222	553.614	987.253	1440.385	2128.998	3103.523	4831.510 *
-15.0	0.000	0.000	38.061	173.121	539.809	957.656	1382.887	2003.716	2963.956	4478.791 *
-17.0	0.000	0.000	37.088	169.508	523.495	922.885	1323.980	1923.731	2801.573	4076.917
-19.5	0.000	0.000	35.678	164.277	499.598	884.669	1265.653	1812.750	2567.981	3514.221
-22.5	0.000	0.000	33.708	156.965	465.848	839.440	1183.917	1660.241	2246.115	3029.961
-25.5	0.000	0.000	31.438	148.549	426.677	786.029	1090.046	1488.226	1968.280	2625.719
-29.0	0.000	0.000	28.417	137.370	374.335	713.765	966.223	1310.518	1712.923	2118.834
-33.0	0.000	0.000	24.487	122.866	327.642	621.785	853.211	1126.483	1402.707	1747.092
-37.5	0.000	0.000	19.481	105.687	270.258	513.867	713.489	924.624	1150.895	1361.786
-42.5	0.000	0.000	13.228	87.145	198.494	381.502	554.855	731.572	894.884	1036.559
-47.5	0.000	0.000	6.298	66.696	162.183	281.497	389.169	538.211	669.067	786.101
-55.0	0.000	0.000	4.160	38.279	105.467	163.751	200.222	283.481	356.071	419.744
-65.0	0.000	0.000	1.536	9.152	40.554	71.359	93.781	114.566	132.906	147.790
-75.0	0.000	0.000	0.000	1.791	5.918	10.430	18.812	26.455	32.666	37.531
-85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	-25.5	**-22.5**	**-19.5**	**-17.0**	**-15.0**	**-13.0**	**-11.0**	**-9.0**	**-7.0**	**-5.0**
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	47.222	50.205	52.827	54.734	56.076	57.255	58.269	59.119	59.805	60.831
65.0	158.948	164.751	169.965	173.828	176.585	179.032	181.156	182.945	184.389	185.477
55.0	363.613	397.151	426.537	447.669	462.375	475.134	485.958	494.867	501.887	507.051
47.5	627.036	667.781	712.186	752.123	786.981	816.853	841.863	862.159	877.922	889.358
42.5	857.393	935.239	1006.569	1057.898	1116.484	1177.207	1230.161	1274.911	1311.039	1338.155
37.5	1186.329	1348.629	1494.426	1609.509	1695.806	1828.317	1946.661	2049.559	2135.737	2203.961
33.0	1616.545	1872.442	2169.303	2394.147	2571.435	2735.365	2984.461	3244.091	3463.488	3639.348
29.0	2172.216	2538.274	2998.240	3539.412	3942.201	4335.270	*4693.580	*5012.672	*5391.353	*5780.676 *
25.5	2691.889	3446.506	4241.558	*4846.532	*5568.129	*6379.870	*7145.674	*7827.548	*8414.640	*8895.985 *
22.5	3462.064	4390.838	*5483.672	*6767.516	*7724.984	*8609.899	*9501.395	*10620.843	*11584.961	*12373.909 *
19.5	4272.361	*5491.981	*7284.140	*8698.632	*10008.881	*11482.769	*12827.429	*14118.468	*15252.466	*16198.047 *
17.0	4889.868	*6746.482	*8660.565	*10664.799	*12392.674	*14018.051	*15518.735	*17219.808	*18838.497	20190.071 *
15.0	5603.779	*7656.235	*9906.748	*12319.700	*14167.797	*16015.972	*18117.386	20028.633	*21807.655	*23344.779 *
13.0	6370.717	*8487.633	*11282.774	*13830.257	*15891.772	*18319.838	20612.773	22729.545	24666.963	26470.267 *
11.0	7048.777	*9276.387	*12517.016	*15172.540	*17800.539	20404.805	22898.315	25315.113	27528.819	29525.523 *
9.0	7630.627	*10243.362	*13604.521	*16657.590	*19447.947	22221.081	25007.184	27727.338	30222.017	32411.395 *
7.0	8109.467	*11036.048	*14498.116	*17956.821	20879.272	23784.793	26837.213	29815.519	32578.012	34583.220 *
5.0	8479.428	*11642.438	*15180.046	*18954.535	21986.541	25134.359	28341.866	31482.167	34075.819	36400.489 *
3.0	8735.956	*12053.301	*15738.014	*19622.101	22725.749	26040.725	29382.663	32535.927	35191.820	37769.604 *
1.0	8876.168	*12263.098	*16031.125	*19939.852	23119.402	26456.250	29850.899	32955.483	35735.909	38651.799 *
0.0	8902.273	*12292.044	*16062.031	*19964.755	23086.935	26472.213	29857.490	32941.221	35723.404	38505.587 *
-1.0	8927.718	*12320.415	*16091.627	*19991.896	23162.066	26480.088	29848.270	32929.910	35696.306	38586.816 *
-3.0	8889.291	*12224.985	*15921.928	*19781.699	22859.363	26122.672	29390.985	32464.832	35084.032	37607.977 *
-5.0	8730.695	*11927.704	*15491.801	*19231.571	22224.393	25303.145	28404.383	31401.221	33974.022	36293.156 *
-7.0	8452.523	*11433.664	*14931.687	*18366.238	21241.330	24081.184	27028.640	29905.697	32565.192	34573.126 *
-9.0	8057.411	*10751.742	*14157.388	*17217.613	*19958.714	22691.989	25417.102	28049.057	30453.284	32560.815 *
-11.0	7549.754	*9893.698	*13186.366	*15895.182	*18494.879	*21068.711	23540.494	25908.504	28058.303	30028.276 *
-13.0	6935.337	*9182.341	*12065.149	*14672.718	*16778.142	*19185.339	*21467.175	23585.823	25530.812	27343.287 *
-15.0	6220.914	*8411.160	*10797.366	*13275.551	*15185.771	*17090.270	*19190.691	*21114.332	22934.599	24542.524 *
-17.0	5543.296	*7548.988	*9625.455	*11728.058	*13520.375	*15219.624	*16804.774	*18541.649	20209.818	21634.334 *
-19.5	4933.246	*6337.723	*8291.479	*9855.526	*11264.982	*12813.186	*14241.079	*15624.844	*16867.742	*17936.919 *
-22.5	4095.724	5220.189	*6516.361	*7942.678	*9021.834	*10035.081	*11046.435	*12246.026	*13302.183	*14193.569 *
-25.5	3270.808	4200.967	5203.719	*5998.794	*6848.238	*7769.486	*8641.154	*9432.243	*10130.380	*10722.712 *
-29.0	2688.738	3184.670	3802.380	4507.837	*5045.310	*5567.842	*6053.402	*6496.025	*6979.525	*7458.650 *
-33.0	2049.350	2393.637	2812.640	3145.113	3410.189	3663.067	4011.496	4370.906	*4684.085	*4946.321 *
-37.5	1573.782	1790.049	1992.460	2155.999	2282.368	2481.831	2665.892	2832.254	2978.542	3102.354
-42.5	1188.005	1308.185	1421.717	1509.860	1599.637	1691.507	1774.937	1849.232	1913.701	1967.675
-47.5	884.048	962.934	1040.289	1106.462	1161.954	1212.635	1258.316	1298.821	1333.987	1363.666
-55.0	489.256	546.311	597.839	636.272	663.984	688.940	711.095	730.409	746.850	760.393
-65.0	158.466	166.669	174.403	180.392	184.828	188.904	192.579	195.811	198.560	200.785
-75.0	38.964	39.829	40.357	40.541	40.522	40.355	40.041	39.582	38.980	38.660
-85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vert. Angles	Horizontal Angles									
	-3.0	**-1.0**	**0.0**	**1.0**	**3.0**	**5.0**	**7.0**	**9.0**	**11.0**	**13.0**
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	60.868	60.905	60.923	61.580	62.894	64.207	64.458	65.041	65.413	65.567
65.0	186.631	186.592	186.572	187.194	188.439	188.451	188.499	188.136	187.360	186.165

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CANDELA TABULATION - (Cont.)

55.0	512.333	512.186	512.112	513.615	516.619	514.276	512.108	508.189	502.515	495.086
47.5	896.702	900.211	900.613	904.411	909.159	909.644	905.328	895.709	880.323	858.751
42.5	1355.902	1363.968	1364.285	1373.872	1385.275	1385.984	1375.660	1354.037	1320.923	1276.202
37.5	2253.050	2281.924	2288.476	2307.385	2328.159	2324.933	2296.376	2241.406	2159.204	2049.224
33.0	3768.553	3848.270	3868.790	3910.088	3950.201	3929.554	3843.901	3689.896	3465.169	3230.339
29.0	6066.404	*6241.872	*6286.481	*6362.499	*6421.663	*6351.010	*6145.189	*5914.441	*5706.224	*5410.992 *
25.5	9261.011	*9500.135	*9569.911	*9695.412	*9837.355	*9825.546	*9652.919	*9315.971	*8814.660	*8152.025 *
22.5	12968.545	13351.771	13459.674	13623.833	13772.321	13673.202	13322.679	12723.210	11882.719	11118.687 *
19.5	17033.743	17596.509	17753.113	17964.570	18122.659	17960.824	17601.429	16949.099	16012.315	14717.081 *
17.0	21229.911	21916.595	22116.800	22376.775	22587.864	22381.388	21765.833	20764.472	19353.935	17913.840 *
15.0	24548.650	25418.842	25607.749	25975.284	26183.927	25968.761	25286.827	24117.417	22435.026	20478.776 *
13.0	27885.749	28842.296	29130.407	29452.363	29702.341	29456.107	28769.698	27334.665	25454.346	23298.536 *
11.0	31174.153	32307.817	32653.066	32990.785	33199.473	32830.671	31848.780	30277.722	28326.008	25948.456 *
9.0	34126.732	35263.767	35637.864	36003.047	36369.382	36153.011	34725.699	32903.702	30822.882	28382.813 *
7.0	36329.859	37661.524	38084.803	38420.251	38642.295	38226.615	37317.854	35284.455	32955.405	30443.830 *
5.0	38384.987	40145.226	40531.742	40927.227	40787.093	39916.467	38788.538	37306.156	34648.253	31924.717 *
3.0	39685.969	40821.223	41279.994	41626.686	41909.974	41327.726	39869.873	38348.325	35866.753	33017.412 *
1.0	40088.908	41496.922	42028.245	42238.046	42219.537	42144.106	40466.591	38870.346	36587.230	33683.700 *
0.0	40064.301	41623.014	42402.371	42360.465	42276.654	42192.843	40596.112	38999.381	36751.169	33851.478 *
-1.0	40021.812	41446.824	42014.853	42148.541	42091.216	42019.825	40377.954	38801.809	36545.420	33670.928 *
-3.0	39535.716	40734.360	41239.816	41492.788	41641.486	40999.417	39617.288	38149.246	35757.781	32989.600 *
-5.0	38248.470	40035.046	40464.779	40771.382	40505.203	39628.287	38482.852	37014.238	34516.001	31910.790 *
-7.0	36346.946	37750.933	38225.208	38460.754	38507.771	37997.562	37067.860	35133.813	32892.460	30484.807 *
-9.0	34319.978	35551.301	35985.637	36240.371	36409.032	36045.902	34702.050	32969.460	30966.401	28599.011 *
-11.0	31698.719	32907.538	33315.347	33544.669	33589.436	33117.781	32116.813	30607.248	28715.840	26402.062 *
-13.0	28805.298	29857.013	30214.336	30428.297	30507.317	30143.639	29384.028	27959.303	26117.191	24009.964 *
-15.0	25846.330	26843.577	27113.325	27366.404	27387.000	27026.613	26252.050	25051.170	23388.930	21465.555 *
-17.0	22772.649	23584.625	23857.652	24025.717	24077.372	23749.795	23056.108	22021.389	20600.558	19095.852 *
-19.5	18879.780	19562.665	19788.061	19925.515	19955.860	19686.717	19212.182	18471.432	17474.724	16112.909 *
-22.5	14898.905	15398.385	15565.537	15675.496	15719.278	15525.252	15094.793	14434.465	13555.114	12701.489 *
-25.5	11196.460	11539.607	11658.837	11746.912	11809.462	11715.229	11460.587	11045.096	10471.272	9744.164 *
-29.0	7831.209	*8088.817	*8172.188	*8225.091	*8233.819	*8109.251	*7848.502	*7548.950	*7253.265	*6868.180 *
-33.0	5153.038	*5299.944	*5349.741	*5378.918	*5386.270	*5322.871	*5186.149	*4974.410	*4686.866	*4385.225 *
-37.5	3201.305	3273.093	3298.118	3311.532	3314.914	3286.048	3223.993	3128.099	2998.007	2833.651
-42.5	2010.511	2041.609	2052.584	2059.341	2063.281	2054.213	2031.917	1996.253	1947.164	1884.671
-47.5	1387.732	1406.079	1413.081	1415.615	1416.094	1410.121	1397.322	1377.364	1349.955	1314.847
-55.0	774.310	779.099	781.495	782.524	784.582	777.648	771.178	761.979	750.123	735.686
-65.0	203.168	203.587	203.797	205.338	208.421	209.447	210.560	211.024	210.843	210.025
-75.0	37.504	36.347	35.769	36.760	38.742	40.723	41.837	43.230	44.460	45.521
-85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vert. Angles	**Horizontal Angles**									
	15.0	**17.0**	**19.5**	**22.5**	**25.5**	**29.0**	**33.0**	**37.5**	**42.5**	**47.5**
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	65.491	65.176	64.435	63.014	60.990	57.836	52.056	44.461	34.758	23.766
65.0	184.551	182.516	179.378	174.744	169.169	161.844	152.214	139.356	123.504	104.924
55.0	485.909	474.995	458.937	436.182	409.854	377.006	338.019	287.480	222.906	193.936
47.5	830.620	795.607	757.002	715.543	676.279	622.158	553.104	482.968	395.665	306.806
42.5	1219.835	1162.924	1114.276	1039.693	951.884	830.097	740.779	628.068	515.896	406.761
37.5	1911.187	1833.567	1721.541	1561.702	1373.508	1189.692	1006.423	809.783	645.671	509.530
33.0	3088.128	2912.409	2646.613	2264.371	1937.776	1654.756	1307.197	1043.353	790.173	599.329
29.0	5029.040	*4554.112	*3853.295	3251.845	2759.595	2134.020	1713.854	1279.423	923.340	700.131
25.5	7313.862	*6475.677	*5706.489	*4633.314	*3571.342	2855.495	2072.000	1527.217	1097.280	791.776

CANDELA TABULATION - (Cont.)

22.5	10170.85	9081.263	7539.118	6108.368	4787.726	3479.466	2497.691	1786.903	1237.091	865.987
19.5	13213.12	11778.16	10079.73	6804.496	6107.241	4273.006	3034.078	2030.803	1367.136	935.552
17.0	16253.58	14403.10	12113.70	9661.075	7154.214	5213.763	3460.465	2220.080	1467.158	999.838
15.0	18601.89	16607.23	13892.29	11065.60	8267.999	5923.560	3784.271	2365.743	1570.816	1060.602
13.0	20921.41	18701.36	15799.88	12379.42	9442.840	6585.089	4089.759	2611.469	1676.569	1116.071
11.0	23364.36	20660.34	17549.62	13606.95	10506.42	7191.928	4525.391	2835.438	1771.886	1165.958
9.0	25582.68	22613.51	19099.93	14966.18	11446.68	7737.212	4974.693	3035.248	1856.073	1209.986
7.0	27444.67	24303.20	20440.11	16128.33	12251.49	8318.770	5360.248	3208.430	1928.450	1247.884
5.0	28957.94	25672.51	21541.96	17073.28	12909.25	8879.086	5677.003	3352.505	1988.356	1279.398
3.0	30079.48	26687.31	22429.53	17782.68	13409.43	9300.480	5920.175	3465.034	2035.170	1304.289
1.0	30829.16	27321.99	23006.52	18241.43	13743.31	9577.067	6085.414	3543.692	2068.318	1322.340
0.0	30951.78	27492.20	23167.72	18373.31	13845.78	9659.662	6137.608	3569.641	2079.607	1328.741
-1.0	30837.21	27349.26	23051.55	18293.34	13797.67	9628.705	6126.017	3568.836	2081.816	1330.796
-3.0	30113.14	26775.10	22568.73	17939.57	13572.59	9455.446	6041.207	3539.617	2075.420	1329.540
-5.0	29040.46	25837.87	21785.09	17338.56	13181.38	9137.533	5876.160	3473.994	2054.638	1321.097
-7.0	27610.81	24571.89	20791.52	16507.40	12632.87	8680.939	5633.792	3372.688	2019.577	1305.460
-9.0	25876.98	23016.94	19569.30	15465.99	11937.66	8196.504	5317.584	3236.649	1970.423	1282.651
-11.0	23885.62	21243.91	18147.83	14235.53	11107.43	7734.138	4931.468	3067.024	1907.432	1252.724
-13.0	21688.06	19460.87	16551.28	13125.52	10154.35	7200.081	4548.073	2865.127	1830.923	1215.762
-15.0	19561.91	17538.66	14806.02	11926.62	9090.505	6600.389	4274.796	2632.403	1741.273	1171.877
-17.0	17387.13	15502.40	13160.58	10624.66	8058.655	5941.008	3969.248	2507.234	1651.463	1121.205
-19.5	14556.50	13046.72	11240.77	9876.048	7034.396	5036.254	3545.291	2337.783	1567.412	1066.504
-22.5	11636.47	10446.31	9158.801	7200.693	5707.524	4204.235	2978.539	2107.726	1451.357	1003.838
-25.5	8826.944	7879.354	6934.915	5673.739	4438.856	3501.398	2514.261	1850.866	1319.666	931.717
-29.0	6395.627	5805.390	4953.688	4168.737	3491.854	2666.610	2137.317	1596.149	1147.667	836.219
-33.0	4170.256	3915.998	3518.152	2969.849	2520.606	2146.406	1699.362	1344.632	1000.158	725.044
-37.5	2635.234	2530.517	2383.128	2151.180	1891.044	1626.916	1360.311	1077.010	822.891	622.055
-42.5	1808.870	1730.739	1653.179	1532.545	1384.566	1195.536	1029.526	836.448	658.388	495.078
-47.5	1271.836	1220.767	1160.320	1088.870	1002.110	889.626	761.099	640.811	501.030	364.912
-55.0	718.748	699.397	671.953	634.488	591.891	528.448	451.687	361.109	256.659	211.186
-65.0	208.578	206.510	203.071	197.717	191.068	180.150	162.547	141.612	120.261	97.392
-75.0	46.408	47.116	47.742	48.101	48.022	47.359	43.480	37.912	30.321	21.226
-85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vert. Angles	**Horizontal Angles**				
	55.0	**65.0**	**75.0**	**85.0**	**90.0**
90.0	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000
75.0	16.350	6.098	0.000	0.000	0.000
65.0	73.320	27.590	6.385	0.000	0.000
55.0	144.140	74.735	17.746	0.000	0.000
47.5	201.769	109.293	26.094	0.000	0.000
42.5	241.434	131.305	37.883	0.000	0.000
37.5	319.767	151.564	48.652	0.000	0.000
33.0	385.620	172.438	57.397	0.000	0.000
29.0	440.395	191.617	64.369	0.000	0.000
25.5	489.019	207.240	69.816	0.000	0.000
22.5	527.715	219.666	73.983	0.000	0.000
19.5	563.376	231.107	77.671	0.000	0.000
17.0	590.573	239.821	80.371	0.000	0.000
15.0	610.560	246.216	82.281	0.000	0.000
13.0	628.880	252.067	83.966	0.000	0.000
11.0	645.450	257.345	85.424	0.000	0.000
9.0	660.182	262.022	86.653	0.000	0.000

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CANDELA TABULATION - (Cont.)

7.0	672.996	266.068	87.650	0.000	0.000
5.0	683.811	269.456	89.150	0.000	0.000
3.0	695.046	272.990	89.211	0.000	0.000
1.0	699.424	274.243	89.272	0.000	0.000
0.0	701.616	274.870	89.302	0.000	0.000
-1.0	702.885	274.675	89.189	0.000	0.000
-3.0	705.421	274.286	88.963	0.000	0.000
-5.0	700.852	271.567	88.737	0.000	0.000
-7.0	696.499	268.953	87.083	0.000	0.000
-9.0	689.797	265.613	85.933	0.000	0.000
-11.0	680.733	261.555	84.558	0.000	0.000
-13.0	669.303	256.792	82.963	0.000	0.000
-15.0	655.511	251.333	81.150	0.000	0.000
-17.0	639.367	245.193	79.123	0.000	0.000
-19.5	615.912	236.581	76.296	0.000	0.000
-22.5	583.033	224.913	72.484	0.000	0.000
-25.5	545.112	211.841	68.228	0.000	0.000
-29.0	494.709	194.894	62.724	0.000	0.000
-33.0	435.117	173.407	55.757	0.000	0.000
-37.5	359.542	149.915	47.109	0.000	0.000
-42.5	265.077	128.367	36.567	0.000	0.000
-47.5	214.915	104.781	25.130	0.000	0.000
-55.0	140.527	69.198	17.018	0.000	0.000
-65.0	64.978	25.388	6.095	0.000	0.000
-75.0	14.607	5.583	0.000	0.000	0.000
-85.0	0.000	0.000	0.000	0.000	0.000
-90.0	0.000	0.000	0.000	0.000	0.000

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LUMEN TABULATION
Average Of Right And Left Sides
Total Luminaire Lumens (one side of beam only) = 10437.49
Total Field Lumens (one side of beam only) = 8819.74
* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	0	1	3	5	7	9	11	13	15	17
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.09	0.19	0.19	0.19	0.19	0.19	0.18	0.18	0.18	0.21
75	0.38	0.76	0.76	0.75	0.75	0.74	0.73	0.72	0.70	0.85
65	1.06	2.13	2.13	2.11	2.08	2.05	2.01	1.95	1.89	2.27
55	1.62	3.23	3.22	3.19	3.14	3.08	2.99	2.89	2.76	3.27
47.5	1.73	3.46	3.45	3.41	3.34	3.25	3.13	2.99	2.83	3.33
42.5	2.79	5.57	5.54	5.44	5.29	5.09	4.84	4.53	4.25	4.97
37.5	4.23	8.44	8.34	8.12	7.79	7.35	6.84	6.35	5.93	6.83
33	6.19 *	12.35 *	12.13 *	11.68 *	11.07 *	10.41 *	9.70 *	8.97	8.21	9.06
29	8.46 *	16.88 *	16.60 *	16.03 *	15.22 *	14.29 *	13.20 *	11.93 *	10.57 *	11.46 *
25.5	10.54 *	21.01 *	20.65 *	19.94 *	18.88 *	17.51 *	16.00 *	14.42 *	12.73 *	13.60 *
22.5	14.27 *	28.41 *	27.83 *	26.80 *	25.38 *	23.54 *	21.49 *	19.30 *	17.01 *	18.09 *
19.5	15.19 *	30.22 *	29.57 *	28.44 *	26.87 *	24.89 *	22.69 *	20.32 *	17.83 *	18.91 *
17	14.56 *	28.96 *	28.33 *	27.20 *	25.61 *	23.63 *	21.43 *	19.19 *	16.90 *	17.82 *
15	16.69 *	33.18 *	32.45 *	31.17 *	29.37 *	27.12 *	24.54 *	21.83 *	19.18 *	20.31 *
13	18.82 *	37.38 *	36.50 *	35.00 *	32.95 *	30.44 *	27.60 *	24.52 *	21.42 *	22.69 *
11	20.80 *	41.31 *	40.38 *	38.66 *	36.28 *	33.49 *	30.39 *	27.07 *	23.61 *	24.93 *
9	22.45 *	44.57 *	43.58 *	41.84 *	39.30 *	36.20 *	32.84 *	29.29 *	25.60 *	26.97 *
7	23.94 *	47.38 *	46.08 *	44.21 *	41.72 *	38.50 *	34.87 *	31.12 *	27.25 *	28.66 *
5	24.91 *	49.36 *	48.04 *	45.95 *	43.38 *	40.18 *	36.40 *	32.49 *	28.50 *	29.98 *
3	25.34 *	50.24 *	49.19 *	47.13 *	44.34 *	41.16 *	37.38 *	33.39 *	29.33 *	30.88 *
1	12.82 *	25.29 *	24.78 *	23.78 *	22.34 *	20.76 *	18.88 *	16.88 *	14.84 *	15.64 *
0	12.81 *	25.27 *	24.75 *	23.76 *	22.33 *	20.75 *	18.88 *	16.88 *	14.85 *	15.65 *
-1	25.31 *	50.09 *	49.00 *	46.95 *	44.21 *	41.08 *	37.36 *	33.43 *	29.41 *	31.01 *

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LUMENS TABULATION - (Cont.)

-3	24.86 *	49.16 *	47.78 *	45.70 *	43.16 *	40.06 *	36.41 *	32.59 *	28.67 *	30.26 *
-5	23.94 *	47.28 *	45.90 *	44.01 *	41.56 *	38.44 *	34.95 *	31.31 *	27.54 *	29.11 *
-7	22.57 *	44.69 *	43.57 *	41.80 *	39.34 *	36.35 *	33.10 *	29.64 *	26.04 *	27.59 *
-9	21.08 *	41.74 *	40.68 *	38.94 *	36.63 *	33.92 *	30.90 *	27.63 *	24.24 *	25.75 *
-11	19.33 *	38.26 *	37.26 *	35.70 *	33.66 *	31.18 *	28.38 *	25.35 *	22.27 *	23.72 *
-13	17.45 *	34.56 *	33.67 *	32.29 *	30.44 *	28.18 *	25.61 *	22.90 *	20.23 *	21.54 *
-15	15.52 *	30.73 *	29.94 *	28.69 *	27.02 *	25.00 *	22.77 *	20.47 *	18.11 *	19.24 *
-17	16.60 *	32.87 *	32.04 *	30.74 *	29.03 *	26.96 *	24.65 *	22.16 *	19.56 *	20.89 *
-19.5	16.14 *	31.97 *	31.18 *	29.95 *	28.34 *	26.34 *	24.13 *	21.75 *	19.27 *	20.65 *
-22.5	12.43 *	24.65 *	24.11 *	23.21 *	21.98 *	20.44 *	18.76 *	16.98 *	15.06 *	16.20 *
-25.5	10.56 *	20.96 *	20.49 *	19.73 *	18.72 *	17.57 *	16.26 *	14.76 *	13.15 *	14.26 *
-29	8.23 *	16.32 *	15.93 *	15.31 *	14.51 *	13.62 *	12.66 *	11.68 *	10.66 *	11.74 *
-33	5.92 *	11.75 *	11.52 *	11.15 *	10.65	10.01	9.29	8.60	7.99	9.13
-37.5	4.07	8.10	7.98	7.78	7.52	7.20	6.81	6.36	5.95	6.95
-42.5	2.64	5.25	5.19	5.10	4.98	4.82	4.63	4.41	4.18	4.90
-47.5	2.51	4.99	4.94	4.86	4.76	4.63	4.48	4.31	4.11	4.84
-55	1.50	3.00	2.98	2.93	2.89	2.82	2.75	2.66	2.56	3.05
-65	0.37	0.74	0.74	0.74	0.74	0.73	0.72	0.71	0.70	0.85
-75	0.06	0.11	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.16
-85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-90										
Total	510.75	1012.82	989.46	950.50	897.87	834.11	761.76	685.02	606.20	648.25

Vert. Angles	**Horizontal Angles**									
	19.5	**22.5**	**25.5**	**29**	**33**	**37.5**	**42.5**	**47.5**	**55**	**65**
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.25	0.23	0.25	0.25	0.23	0.19	0.12	0.10	0.06	0.01
75	0.98	0.93	1.01	1.04	1.00	0.89	0.66	0.63	0.35	0.07
65	2.57	2.37	2.50	2.52	2.39	2.08	1.57	1.60	0.98	0.24
55	3.66	3.36	3.53	3.50	3.27	2.80	2.05	2.03	1.28	0.34

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LUMENS TABULATION - (Cont.)

47.5	3.70	3.38	3.49	3.43	3.20	2.76	2.00	1.85	1.13	0.31
42.5	5.45	4.83	4.84	4.64	4.22	3.58	2.60	2.38	1.40	0.39
37.5	7.24	6.18	6.06	5.61	4.89	4.06	2.89	2.66	1.54	0.41
33	9.21	7.69	7.29	6.49	5.49	4.37	3.04	2.78	1.58	0.41
29	11.45 *	9.15	8.34	7.19	5.85	4.52	3.07	2.77	1.55	0.40
25.5	13.29 *	10.36 *	9.10	7.53	5.93	4.49	2.97	2.63	1.46	0.37
22.5	17.33 *	13.28 *	11.37 *	9.03	6.94	5.06	3.25	2.84	1.57	0.39
19.5	18.09 *	13.60 *	11.42 *	8.93	6.57	4.63	2.92	2.53	1.38	0.34
17	17.00 *	12.74 *	10.59 *	8.14 *	5.74	3.96	2.49	2.13	1.15	0.28
15	19.29 *	14.46 *	12.00 *	8.96 *	6.19	4.25	2.63	2.23	1.18	0.28
13	21.52 *	16.09 *	13.34 *	9.78 *	6.72	4.56	2.77	2.31	1.22	0.29
11	23.64 *	17.68 *	14.54 *	10.61 *	7.29	4.84	2.89	2.39	1.24	0.29
9	25.60 *	19.16 *	15.62 *	11.41 *	7.81	5.08	3.00	2.46	1.27	0.30
7	27.20 *	20.37 *	16.60 *	12.16 *	8.25 *	5.28	3.09	2.51	1.29	0.30
5	28.46 *	21.30 *	17.38 *	12.78 *	8.59 *	5.45	3.16	2.56	1.31	0.30
3	29.33 *	21.93 *	17.93 *	13.21 *	8.83 *	5.56	3.21	2.60	1.32	0.31
1	14.87 *	11.12 *	9.10 *	6.71 *	4.48 *	2.81	1.62	1.31	0.66	0.15
0	14.89 *	11.14 *	9.12 *	6.73 *	4.49 *	2.82	1.63	1.31	0.66	0.15
-1	29.52 *	22.11 *	18.11 *	13.38 *	8.95 *	5.64	3.26	2.63	1.33	0.31
-3	28.83 *	21.66 *	17.75 *	13.11 *	8.82 *	5.59	3.24	2.62	1.33	0.31
-5	27.77 *	20.91 *	17.15 *	12.64 *	8.59 *	5.50	3.21	2.60	1.32	0.30
-7	26.36 *	19.88 *	16.34 *	12.04 *	8.26 *	5.36	3.16	2.57	1.31	0.30
-9	24.61 *	18.57 *	15.42 *	11.37 *	7.83	5.18	3.09	2.53	1.29	0.30
-11	22.69 *	17.15 *	14.37 *	10.65 *	7.33	4.95	3.00	2.48	1.27	0.29
-13	20.66 *	15.66 *	13.15 *	9.92 *	6.86	4.67	2.89	2.41	1.25	0.29
-15	18.53 *	14.07 *	11.85 *	9.16 *	6.46	4.42	2.77	2.33	1.22	0.28
-17	20.18 *	15.38 *	13.07 *	10.26 *	7.51	5.25	3.30	2.80	1.47	0.34
-19.5	19.99 *	15.47 *	13.35 *	10.62	8.08	5.86	3.74	3.19	1.68	0.39

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LUMENS TABULATION - (Cont.)

-22.5	15.92 *	12.46 *	10.97 *	9.03	7.06	5.32	3.47	2.99	1.58	0.37
-25.5	14.23 *	11.36 *	10.28	8.79	7.14	5.50	3.67	3.19	1.69	0.40
-29	11.86	9.79	9.21	8.16	6.90	5.45	3.70	3.24	1.72	0.42
-33	9.60	8.14	7.95	7.34	6.35	5.16	3.56	3.11	1.66	0.41
-37.5	7.59	6.69	6.67	6.30	5.60	4.61	3.20	2.77	1.49	0.38
-42.5	5.42	4.88	4.96	4.74	4.27	3.54	2.44	2.11	1.17	0.30
-47.5	5.36	4.85	4.97	4.76	4.26	3.47	2.39	2.20	1.29	0.32
-55	3.40	3.11	3.21	3.11	2.80	2.29	1.63	1.60	0.94	0.22
-65	0.98	0.93	1.01	1.02	0.97	0.85	0.62	0.58	0.32	0.06
-75	0.19	0.18	0.20	0.21	0.20	0.17	0.11	0.09	0.05	0.01
-85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-90										
Total	628.70	484.61	415.40	327.29	242.60	172.80	110.10	94.69	50.94	12.32

Vert. Angles	**Horizontal Angles**		
	75	**85**	**90**	**Total**
90	0.00	0.00	0.00
85	0.00	0.00	3.48
75	0.01	0.00	14.70
65	0.02	0.00	38.53
55	0.03	0.00	55.25
47.5	0.03	0.00	56.15
42.5	0.04	0.00	82.68
37.5	0.04	0.00	111.82
33	0.05	0.00	148.18
29	0.04	0.00	188.99
25.5	0.04	0.00	223.42
22.5	0.04	0.00	293.22
19.5	0.04	0.00	305.36
17	0.03	0.00	287.86

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LUMENS TABULATION - (Cont.)

15			
	0.03	0.00	327.35
13			
	0.03	0.00	365.97
11			
	0.03	0.00	402.38
9			
	0.03	0.00	434.37
7			
	0.03	0.00	460.82
5			
	0.03	0.00	480.52
3			
	0.03	0.00	492.64
1			
	0.02	0.00	248.86
0			
	0.02	0.00	248.90
-1			
	0.03	0.00	493.12
-3			
	0.03	0.00	481.96
-5			
	0.03	0.00	464.08
-7			
	0.03	0.00	440.29
-9			
	0.03	0.00	411.74
-11			
	0.03	0.00	379.31
-13			
	0.03	0.00	344.65
-15			
	0.03	0.00	308.62
-17			
	0.04	0.00	335.09
-19.5			
	0.04	0.00	332.12
-22.5			
	0.04	0.00	263.03
-25.5			
	0.04	0.00	232.76
-29			
	0.05	0.00	191.12
-33			
	0.04	0.00	149.36
-37.5			
	0.04	0.00	114.05
-42.5			
	0.03	0.00	79.95
-47.5			
	0.03	0.00	78.32
-55			
	0.02	0.00	49.46
-65			
	0.01	0.00	14.40

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Results derived from content of manufacturers photometric file.

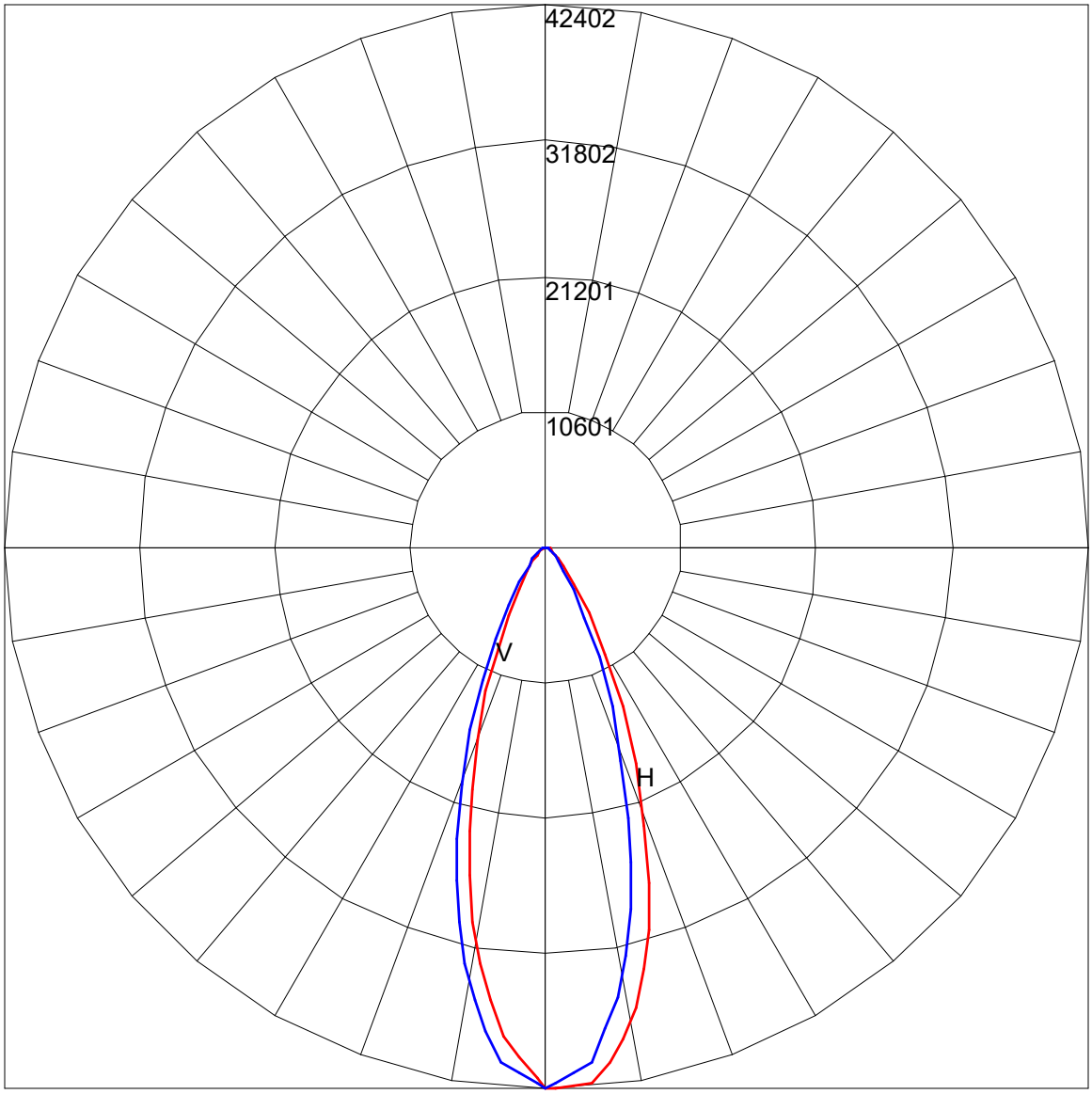
IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-150W-LED-38NF.IES

LUMENS TABULATION - (Cont.)

-75			
	0.00	0.00	2.61
-85			
	0.00	0.00	0.00
-90			
Total	1.31	0.00	10437.49

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-150W-LED-38NF.IES

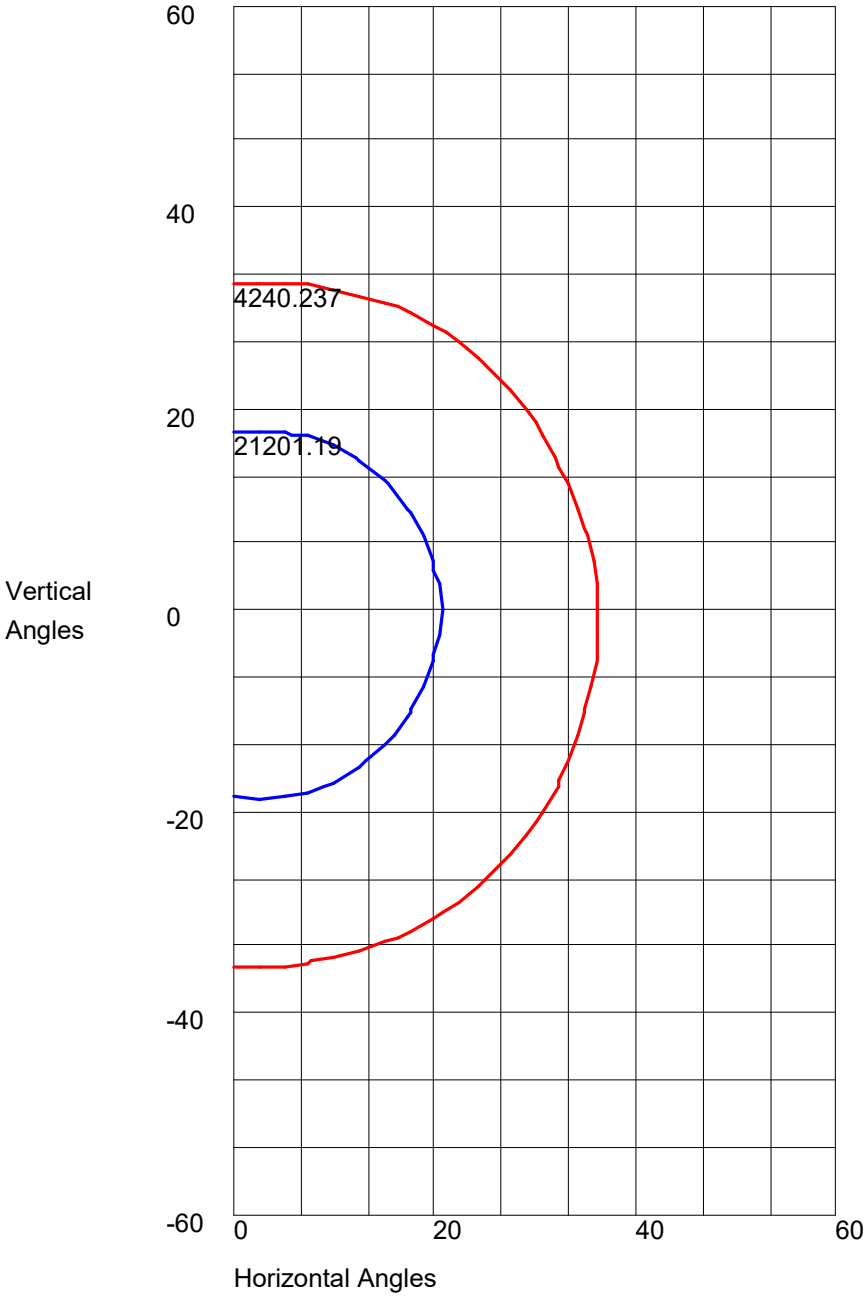
AXIAL CANDELA DISPLAY



Maximum Candela = 42402.371 Located At Horizontal Angle = 0, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-150W-LED-38NF.IES

ISOCANDELA CURVES



Maximum Candela = 42402.371 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 21201.1855
10% Maximum Candela = 4240.2371

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-150W-LED-60F.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 194019
[TESTLAB] RADIANT IMAGING PROSOURCE
[TESTDATE] 2019-04-12
[ISSUEDATE] 2019-04-12
[MANUFAC] LARSON ELECTRONICS LLC
[LUMCAT] GAU-LTL-150W-LED-60F
[LUMINAIRE] 150W LED FLOOD LIGHT - 60 DEGREE OPTICS
[OTHER] EVERFINE GO-R5000_V2 SYSTEM
[LAMPPOSITION] 0,0

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

CHARACTERISTICS



NEMA Type	5 H x 5 V
Maximum Candela	21847.049
Maximum Candela Angle	0H 5V
Horizontal Beam Angle (50%)	55.4
Vertical Beam Angle (50%)	56.6
Horizontal Field Angle (10%)	94.2
Vertical Field Angle (10%)	94.6
Lumens Per Lamp	21600 (1 lamp)
Total Lamp Lumens	21600
Beam Lumens	11890
Beam Efficiency	55 %
Field Lumens	18791
Field Efficiency	87 %
Spill Lumens	2034
Luminaire Lumens	20825
Total Efficiency	96 %
Total Luminaire Watts	150
Ballast Factor	1.00

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IES FLOOD REPORT
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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	21.788	90	20.335
85	44.176	85	46.118
75	165.749	75	162.933
65	395.619	65	397.649
55	955.295	55	1028.673
47.5	2114.654	47.5	2214.59
42.5	3502.354	42.5	3637.359
37.5	5578.299	37.5	5766.118
33	8009.922	33	8251.462
29	10452.93	29	10743.935
25.5	12648.738	25.5	12975.428
22.5	14339.26	22.5	14688.652
19.5	15954.157	19.5	16329.362
17	17144.469	17	17560.716
15	18096.719	15	18545.799
13	18832.269	13	19295.174
11	19567.819	11	20044.549
9	20206.425	9	20704.799
7	20748.087	7	21275.924
5	21289.749	5	21847.049
3	21506.621	3	21841.001
1	21723.493	1	21834.953
0	21831.929	0	21831.929
-1	21711.526	-1	21801.256
-3	21470.72	-3	21739.909
-5	21229.914	-5	21678.563
-7	20663.455	-7	21056.028
-9	20096.996	-9	20433.493
-11	19439.554	-11	19735.701
-13	18691.129	-13	18962.652
-15	17942.705	-15	18189.602
-17	16972.397	-17	17178.512
-19.5	15759.512	-19.5	15914.649
-22.5	14130.488	-22.5	14240.544
-25.5	12431.995	-25.5	12494.487
-29	10247.678	-29	10221.413
-33	7842.818	-33	7750.756
-37.5	5473.967	-37.5	5350.518
-42.5	3463.041	-42.5	3346.18
-47.5	2110.15	-47.5	2034.861
-55	963.785	-55	936.157
-65	397.412	-65	370.195
-75	164.054	-75	152.564
-85	41.748	-85	41.502
-90	20.097	-90	20.792

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IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-150W-LED-60F.IES

CANDELA TABULATION
Maximum Candela = 21847.049
Beam Edge = 10923.5245 Cd (50% of Max.)
Field Edge = 2184.7049 Cd (10% of Max.)
* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	-90.0	-85.0	-75.0	-65.0	-55.0	-47.5	-42.5	-37.5	-33.0	-29.0
90.0	20.054	20.028	19.977	19.926	19.852	19.781	19.733	19.685	19.641	19.637
85.0	20.058	21.927	25.695	29.396	32.966	35.531	37.143	38.658	39.925	40.987
75.0	20.065	25.673	36.983	55.918	80.949	99.031	114.547	128.794	140.438	149.695
65.0	20.072	29.246	55.337	99.594	160.124	211.051	249.268	288.020	322.289	349.830
55.0	20.079	32.536	78.562	156.785	256.591	353.065	414.794	505.421	577.819	638.294
47.5	20.083	34.757	94.535	201.850	344.923	501.714	621.749	809.050	967.998	1156.667
42.5	20.086	36.097	108.260	231.667	403.351	620.446	846.407	1102.525	1401.568	1658.382
37.5	20.088	37.315	120.671	258.907	493.156	805.667	1101.319	1503.426	1994.764	2472.232 *
33.0	20.090	38.297	130.633	286.630	566.359	959.991	1402.154	1997.026	2639.143	*3448.634 *
29.0	20.092	39.075	138.474	311.198	628.026	1146.177	1659.283	2478.857	*3452.315	*4414.320 *
25.5	20.093	39.678	144.519	330.424	705.043	1312.850	1991.447	2957.203	*4143.376	*5446.062 *
22.5	20.094	40.137	149.077	345.129	763.661	1441.187	2247.809	*3428.178	*4800.604	*6304.584 *
19.5	20.095	40.540	153.046	358.127	815.157	1555.191	2475.887	*3849.620	*5486.715	*7155.778 *
17.0	20.096	40.833	155.898	367.610	852.454	1660.184	2642.960	*4159.868	*5994.082	*7882.050 *
15.0	20.096	41.039	157.877	374.292	878.528	1761.731	2811.826	*4383.003	*6355.718	*8398.880 *
13.0	20.096	41.218	159.586	380.152	901.201	1850.793	2978.307	*4660.849	*6675.411	*8858.861 *
11.0	20.097	41.772	161.023	385.178	920.431	1927.085	3121.115	*4899.987	*7000.398	*9257.899 *
9.0	20.097	41.768	162.188	389.355	936.186	1990.364	3239.662	*5099.045	*7291.735	*9592.144 *
7.0	20.097	41.764	163.080	392.675	948.446	2040.435	3333.468	*5256.862	*7523.500	*9865.095 *
5.0	20.097	41.759	164.545	395.126	957.201	2077.159	3402.180	*5372.536	*7693.786	*10071.001 *
3.0	20.097	41.755	164.349	397.699	966.352	2100.449	3445.571	*5445.435	*7801.202	*10200.328 *
1.0	20.097	41.750	164.152	397.508	964.641	2110.277	3463.559	*5475.238	*7844.928	*10251.557 *
0.0	20.097	41.748	164.054	397.412	963.785	2110.150	3463.041	*5473.967	*7842.818	*10247.678 *
-1.0	20.097	41.748	164.052	397.197	963.484	2107.463	3458.315	*5466.397	*7831.656	*10233.980 *
-3.0	20.097	41.729	164.048	396.769	962.883	2092.071	3429.957	*5419.102	*7761.682	*10147.671 *
-5.0	20.097	41.716	164.044	393.590	951.484	2063.404	3376.549	*5329.277	*7628.899	*9983.482 *
-7.0	20.097	41.703	162.387	390.543	940.537	2021.612	3298.398	*5197.600	*7434.677	*9743.066 *
-9.0	20.097	41.690	161.304	386.648	926.178	1966.896	3195.943	*5025.033	*7180.903	*9438.191 *
-11.0	20.097	41.677	159.954	381.919	908.443	1899.507	3069.737	*4812.780	*6869.914	*9077.052 *
-13.0	20.096	41.110	158.337	376.372	887.374	1819.738	2920.434	*4562.256	*6527.943	*8654.993 *
-15.0	20.096	40.915	156.456	370.025	863.025	1727.921	2748.778	*4275.049	*6194.114	*8176.174 *
-17.0	20.096	40.695	154.313	362.895	835.458	1624.424	2575.942	*4044.552	*5821.459	*7644.870 *
-19.5	20.095	40.385	151.270	352.912	796.578	1516.908	2405.030	*3728.274	*5304.873	*6907.210 *
-22.5	20.094	39.963	147.092	339.415	743.639	1400.062	2175.137	3304.446	*4614.574	*6051.461 *
-25.5	20.093	39.488	142.352	324.329	684.115	1269.991	1920.125	2836.453	*3960.388	*5196.698 *
-29.0	20.092	38.868	136.131	304.822	606.759	1102.746	1593.591	2365.557	*3281.169	*4177.710 *
-33.0	20.090	38.076	128.141	280.160	545.307	917.515	1338.254	1895.819	2490.770	*3242.350 *
-37.5	20.088	37.083	118.080	252.367	473.430	765.483	1041.488	1416.781	1869.992	2305.676 *
-42.5	20.086	35.862	105.651	224.663	386.469	585.156	793.549	1027.377	1300.917	1531.454
-47.5	20.083	34.525	92.005	194.501	329.752	472.306	578.597	747.369	887.056	1055.097
-55.0	20.079	32.327	76.238	149.576	244.373	332.166	386.703	465.174	525.650	574.718
-65.0	20.072	29.091	53.545	94.258	148.896	195.140	230.207	265.483	295.300	318.304
-75.0	20.065	25.597	35.922	52.735	74.552	89.677	102.681	114.205	123.263	130.255
-85.0	20.058	21.945	25.462	28.546	31.104	32.693	33.600	34.379	34.967	35.552
-90.0	20.054	20.096	20.179	20.261	20.207	20.065	19.969	19.873	19.787	19.765

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IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-150W-LED-60F.IES

CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	-25.5	**-22.5**	**-19.5**	**-17.0**	**-15.0**	**-13.0**	**-11.0**	**-9.0**	**-7.0**	**-5.0**
90.0	19.721	19.794	19.867	19.927	19.975	20.023	20.071	20.119	20.167	20.215
85.0	41.904	42.632	43.302	43.815	44.195	44.547	45.337	45.479	45.621	45.763
75.0	154.828	158.411	161.254	163.067	164.161	164.944	165.422	165.602	165.492	165.910
65.0	365.796	375.015	383.023	388.686	392.506	395.659	398.109	399.826	400.777	400.932
55.0	719.351	783.304	840.611	882.975	913.206	940.091	963.551	983.515	999.923	1012.721
47.5	1324.414	1454.538	1575.649	1688.552	1798.044	1895.589	1980.789	2053.280	2112.736	2158.877
42.5	1992.924	2252.470	2490.472	2670.630	2853.506	3036.260	3196.470	3333.201	3445.597	3532.895 *
37.5	2948.424	3427.278	3859.743	4194.617	4441.106	4746.191	5015.011	5245.609	5436.159	5585.020 *
33.0	4136.446	4791.310	5490.867	6019.096	6415.699	6774.885	7143.923	7482.098	7762.347	7981.924 *
29.0	5443.241	6300.036	7151.629	7896.612	8444.794	8956.761	9412.445	9807.285	10143.347	10412.428 *
25.5	6615.935	7737.510	8827.911	9660.250	10292.348	10889.145	11432.420	11902.478	12293.587	12600.605 *
22.5	7737.722	9007.151	10213.255	11179.043	11893.476	12548.298	13142.625	13605.798	13995.005	14303.649 *
19.5	8823.918	10206.801	11564.950	12626.650	13372.144	14011.085	14588.264	15113.254	15558.906	15914.936 *
17.0	9649.303	11155.862	12607.236	13661.491	14415.626	15118.206	15759.294	16276.811	16724.569	17088.055 *
15.0	10257.858	11849.297	13329.687	14393.011	15199.736	15940.735	16555.135	17106.394	17598.366	18006.677 *
13.0	10801.854	12467.796	13942.442	15067.197	15911.264	16629.053	17298.771	17907.502	18413.309	18779.309 *
11.0	11276.901	12994.396	14480.490	15673.787	16488.415	17259.884	17989.089	18567.124	19028.904	19436.717 *
9.0	11677.268	13388.188	14930.541	16132.090	16994.191	17819.200	18516.858	19090.445	19611.120	20060.762 *
7.0	11997.627	13705.002	15295.886	16490.273	17395.255	18253.985	18919.219	19549.151	20126.626	20540.898 *
5.0	12233.357	13938.744	15567.717	16757.488	17696.710	18506.009	19217.942	19915.959	20450.695	20932.436 *
3.0	12380.854	14084.386	15719.151	16924.342	17886.712	18661.464	19401.787	20091.641	20652.327	21206.903 *
1.0	12437.800	14138.416	15769.896	16983.963	17971.255	18709.391	19460.340	20126.415	20699.996	21306.919 *
0.0	12431.995	14130.488	15759.512	16972.397	17942.705	18691.129	19439.554	20096.996	20663.455	21229.914 *
-1.0	12418.304	14116.817	15745.186	16953.706	17935.219	18666.146	19407.280	20059.720	20612.711	21183.045 *
-3.0	12322.481	14019.779	15645.857	16834.825	17780.488	18534.342	19246.842	19898.414	20404.396	20869.914 *
-5.0	12136.446	13831.685	15447.781	16612.284	17525.357	18302.193	18972.386	19614.151	20069.038	20440.109 *
-7.0	11862.714	13556.363	15129.918	16294.773	17166.245	17983.638	18593.595	19149.804	19636.202	19939.632 *
-9.0	11505.059	13199.092	14720.242	15892.855	16715.329	17482.227	18113.856	18610.811	19040.426	19400.577 *
-11.0	11068.230	12766.142	14227.763	15387.915	16149.768	16860.737	17521.633	18022.752	18396.947	18831.489 *
-13.0	10557.646	12201.518	13641.765	14722.653	15520.245	16176.685	16778.378	17311.415	17764.581	18208.681 *
-15.0	9979.089	11543.815	12981.535	13998.033	14758.263	15442.872	15990.563	16469.011	16983.441	17457.219 *
-17.0	9343.855	10814.849	12219.324	13223.770	13931.295	14579.405	15157.648	15637.972	16132.118	16550.174 *
-19.5	8506.800	9830.429	11139.986	12148.305	12845.290	13432.441	13951.363	14501.870	14983.815	15381.790 *
-22.5	7416.282	8619.637	9759.252	10674.647	11341.636	11942.735	12529.941	13015.637	13432.013	13771.500 *
-25.5	6299.948	7358.057	8379.224	9149.521	9735.981	10307.915	10853.989	11333.145	11738.770	12064.529 *
-29.0	5145.050	5942.547	6730.463	7419.746	7930.811	8427.234	8871.331	9258.383	9594.186	9869.521 *
-33.0	3872.136	4473.453	5116.780	5600.556	5977.385	6318.244	6672.718	7000.065	7272.268	7486.311 *
-37.5	2738.061	3170.931	3555.299	3865.939	4095.449	4385.498	4640.805	4859.544	5040.018	5180.714 *
-42.5	1832.845	2063.282	2280.014	2447.367	2617.408	2787.468	2936.508	3063.666	3168.154	3249.270 *
-47.5	1202.942	1317.324	1432.327	1539.411	1642.373	1733.969	1813.890	1881.867	1937.669	1981.111
-55.0	643.433	703.204	757.003	796.703	825.023	850.231	872.284	891.149	906.803	919.228
-65.0	332.596	341.817	350.004	355.953	360.093	363.646	366.577	368.856	370.449	371.326
-75.0	135.855	140.015	143.581	146.101	147.822	149.281	150.482	151.425	152.113	153.306
-85.0	36.471	37.223	37.939	38.505	38.938	39.351	40.107	40.360	40.614	40.868
-90.0	19.889	19.996	20.102	20.191	20.261	20.332	20.403	20.474	20.544	20.615

Vert. Angles	Horizontal Angles									
	-3.0	**-1.0**	**0.0**	**1.0**	**3.0**	**5.0**	**7.0**	**9.0**	**11.0**	**13.0**
90.0	20.263	20.311	20.335	20.341	20.354	20.367	20.380	20.392	20.405	20.417
85.0	45.905	46.047	46.118	46.105	46.078	46.051	46.025	45.998	45.972	45.288
75.0	164.720	163.529	162.933	163.194	163.715	164.236	163.192	162.684	161.913	160.879
65.0	401.250	398.849	397.649	397.951	398.554	396.488	394.622	392.026	388.747	384.837

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-150W-LED-60F.IES

CANDELA TABULATION - (Cont.)

55.0	1026.037	1027.794	1028.673	1025.969	1020.563	1003.680	987.381	967.587	944.381	917.856
47.5	2191.471	*2210.341	*2214.590	*2208.125	*2184.829	*2147.826	2097.301	2033.497	1956.704	1867.256
42.5	3594.439	*3629.706	*3637.359	*3627.011	*3586.386	*3519.579	*3427.177	*3309.892	*3168.543	*3004.036 *
37.5	5690.768	*5752.252	*5766.118	*5749.041	*5681.140	*5568.989	*5413.749	*5216.852	*4979.945	*4704.861 *
33.0	8138.508	*8230.286	*8251.462	*8225.618	*8124.719	*7959.652	*7732.630	*7446.343	*7103.855	*6730.969 *
29.0	10604.46	10717.44	10743.93	10708.89	10579.37	10372.50	10091.30	9745.280	*9341.742	*8880.071 *
25.5	12819.28	12946.59	12975.42	12931.68	12775.36	12530.06	12200.27	11791.43	11309.64	10761.312 *
22.5	14526.00	14657.69	14688.65	14637.10	14465.10	14205.02	13862.70	13445.07	12959.57	12364.550 *
19.5	16154.37	16294.89	16329.36	16267.06	16072.41	15783.03	15382.71	14900.21	14349.44	13804.758 *
17.0	17356.29	17520.06	17560.71	17483.54	17248.94	16916.22	16497.81	16006.82	15510.81	14907.104 *
15.0	18311.09	18514.74	18545.79	18469.12	18177.61	17794.14	17319.84	16801.75	16300.99	15732.764 *
13.0	19061.18	19244.28	19295.17	19189.24	18899.66	18521.19	18072.61	17599.83	17045.93	16425.018 *
11.0	19765.67	19983.24	20044.54	19915.31	19567.67	19124.08	18675.66	18271.59	17746.89	17068.060 *
9.0	20408.37	20635.05	20704.79	20545.93	20154.92	19674.47	19281.22	18821.82	18300.02	17649.071 *
7.0	20908.66	21189.08	21275.92	21063.16	20558.40	20153.36	19833.25	19319.45	18740.03	18123.775 *
5.0	21365.19	21758.16	21847.04	21566.05	20882.90	20588.62	20205.11	19743.49	19106.15	18442.586 *
3.0	21569.78	21749.94	21841.00	21552.06	21246.72	20957.24	20505.44	20018.74	19378.24	18674.604 *
1.0	21530.70	21744.58	21834.95	21636.79	21446.93	21248.97	22070.57	20171.68	19536.28	18806.684 *
0.0	21470.72	21711.52	21831.92	21723.49	21506.62	21289.74	22070.48	20206.42	19567.81	18832.269 *
-1.0	21402.80	21604.87	21801.25	21725.06	21521.49	21321.18	22070.75	20197.32	19552.04	18816.142 *
-3.0	21151.06	21452.81	21739.90	21679.08	21511.25	21141.89	32062.06	20088.81	19422.18	18700.861 *
-5.0	20715.97	21404.65	21678.56	21624.33	21285.11	22085.46	32012.03	20372.19	19841.74	19169.355	18479.810 *
-7.0	20340.22	20847.35	21056.02	21004.10	32078.68	32045.06	32003.64	31936.74	19455.07	18818.958	18163.700 *
-9.0	19886.75	32027.84	32043.49	32039.85	32022.93	32001.32	31953.32	31907.34	31898.37	18404.749	17704.737 *
-11.0	19270.61	31961.27	31973.70	31970.10	31955.65	31928.50	31885.84	31891.10	31844.85	31786.657	17138.898 *
-13.0	18581.04	31886.21	31896.26	31894.23	31881.83	31859.05	31827.31	31806.40	31777.84	31716.821	16500.259 *
-15.0	17835.98	31811.95	31818.96	31818.72	31803.74	31778.34	31742.56	31696.45	31642.37	31641.502	15802.960 *
-17.0	16878.99	31710.62	31717.85	31716.49	31705.30	31683.36	31654.15	31651.60	31600.19	31560.819	14967.609 *
-19.5	15667.70	31585.63	31591.46	31590.99	31581.51	31562.21	31532.41	31490.76	31441.86	31384.282	13842.828 *
-22.5	14027.07	31419.28	31424.05	31423.46	31414.80	31396.83	31369.68	31337.69	31295.24	31235.971	12356.996 *
-25.5	12304.70	12454.56	12494.48	12487.88	12403.65	12226.11	11958.24	11604.25	11169.30	10659.190 *
-29.0	10069.51	10190.93	10221.41	10215.82	10143.47	29990.476	*9758.798	*9461.890	*9107.705	*8689.884 *
-33.0	7639.545	*7729.789	*7750.756	*7746.790	*7690.026	*7568.725	*7384.101	*7137.915	*6832.411	*6495.804 *
-37.5	5280.328	*5337.817	*5350.518	*5348.497	*5312.088	*5232.719	*5110.900	*4947.436	*4743.389	*4500.056 *
-42.5	3306.416	*3339.114	*3346.180	*3344.984	*3323.846	*3277.720	*3206.738	*3111.166	*2991.394	*2847.930 *
-47.5	2012.053	2030.412	2034.861	2033.533	2021.362	1996.448	1958.769	1908.366	1845.326	1769.791
-55.0	932.040	934.784	936.157	936.373	936.805	927.107	917.743	905.063	889.058	869.730
-65.0	372.359	370.916	370.195	371.691	374.682	375.186	375.834	375.749	374.955	373.481
-75.0	153.009	152.713	152.564	153.117	154.221	155.326	154.920	155.016	154.843	154.397
-85.0	41.121	41.375	41.502	41.526	41.573	41.620	41.667	41.715	41.762	41.273
-90.0	20.686	20.756	20.792	20.805	20.833	20.860	20.888	20.915	20.943	20.970

Vert. Angles	**Horizontal Angles**									
	15.0	**17.0**	**19.5**	**22.5**	**25.5**	**29.0**	**33.0**	**37.5**	**42.5**	**47.5**
90.0	20.430	20.442	20.458	20.476	20.494	20.516	20.453	20.349	20.233	20.118
85.0	45.046	44.775	44.395	43.882	43.306	42.558	41.179	39.417	37.398	35.337
75.0	159.581	158.018	155.693	152.359	148.435	143.121	134.699	123.948	110.536	95.642
65.0	380.344	375.318	368.363	359.159	349.175	333.880	309.025	277.023	239.304	202.217
55.0	888.109	855.246	809.952	749.714	683.738	604.702	546.745	478.571	394.559	337.864
47.5	1765.525	1651.916	1534.234	1407.910	1276.016	1107.614	919.905	766.040	586.360	475.523
42.5	2817.350	*2630.671	*2445.146	*2201.841	*1939.443	1603.508	1346.569	1048.685	799.433	584.093
37.5	4393.563	*4142.490	*3802.898	*3367.882	*2886.902	*2408.515	*1931.188	1442.800	1043.999	759.951
33.0	6365.276	*5962.255	*5428.259	*4722.499	*4063.737	*3374.408	*2564.114	*1926.690	1338.671	910.122
29.0	8365.066	*7820.459	*7082.296	*6229.080	*5366.088	*4330.276	*3367.957	*2396.935	*1595.529	1096.897
25.5	10174.46	79556.389	*8733.338	*7652.699	*6536.178	*5359.301	*4051.094	*2869.295	*1928.764	1266.064

CANDELA TABULATION - (Cont.)

22.5	11736.80	11044.47	10098.97	8905.992	7645.922	6215.095	4703.582	3350.078	2188.645	1397.397
19.5	13194.10	12473.84	11436.31	10093.76	8719.975	7060.555	5408.507	3785.365	2422.565	1515.153
17.0	14236.09	13507.87	12478.26	11041.95	9537.655	7800.336	5939.305	4110.079	2596.175	1623.902
15.0	15026.60	14246.50	13207.90	11741.14	10162.39	8340.659	6322.600	4346.637	2773.073	1729.096
13.0	15750.47	14934.41	13832.81	12382.63	10743.16	8828.215	6666.307	4641.600	2949.064	1822.302
11.0	16340.08	15561.77	14397.85	12951.43	11256.94	9258.615	7015.542	4899.001	3102.020	1903.156
9.0	16866.14	16051.96	14892.85	13386.70	11697.83	9627.565	7332.361	5117.166	3231.177	1971.331
7.0	17315.87	16455.99	15306.14	13747.19	12060.28	9937.466	7591.250	5294.584	3335.857	2026.540
5.0	17675.48	16775.62	15628.74	14026.61	12339.33	10180.97	7789.753	5429.963	3415.490	2068.544
3.0	17931.31	17000.76	15831.58	14219.66	12530.95	10348.36	7925.859	5522.251	3469.624	2097.149
1.0	18087.46	17123.32	15936.48	14322.44	12632.36	10437.78	7998.078	5570.682	3497.940	2112.220
0.0	18096.71	17144.46	15954.15	14339.26	12648.73	10452.93	8009.922	5578.299	3502.354	2114.654
-1.0	18092.37	17125.39	15935.88	14320.75	12629.86	10433.56	7993.142	5566.415	3495.267	2110.811
-3.0	17944.78	17006.15	15829.23	14214.45	12523.19	10335.52	7910.996	5509.514	3461.670	2092.953
-5.0	17694.38	16782.05	15623.37	14017.51	12325.50	10158.96	7764.801	5408.945	3402.447	2061.653
-7.0	17335.53	16460.02	15297.38	13733.59	12039.12	9905.404	7555.948	5265.594	3318.038	2017.108
-9.0	16882.34	16049.40	14879.59	13367.84	11667.69	9584.875	7286.355	5080.623	3209.014	1959.566
-11.0	16369.86	15558.07	14378.87	12926.40	11215.85	9205.119	6958.400	4855.426	3076.050	1889.321
-13.0	15785.02	14940.62	13814.72	12345.86	10688.96	8763.216	6598.645	4591.599	2919.921	1806.711
-15.0	15062.10	14254.85	13190.84	11693.53	10092.78	8263.404	6247.394	4290.889	2741.475	1712.105
-17.0	14265.21	13511.07	12452.35	10981.86	9453.999	7710.041	5857.599	4050.668	2562.723	1605.907
-19.5	13204.86	12457.26	11386.19	10010.98	8623.518	6954.581	5320.204	3723.163	2387.162	1496.547
-22.5	11701.03	10982.70	11000	8.2988	800.206	7532.205	6103.847	4610.516	3287.166	2152.279	1379.063
-25.5	10076.30	9442.649	8613.900	7526.435	6408.624	5250.303	3962.192	2808.593	1892.998	1249.139
-29.0	8212.576	7676.677	6934.689	6091.737	5245.413	4226.554	3288.230	2341.953	1562.463	1083.100
-33.0	6170.178	5804.115	5289.248	4599.190	3955.798	3285.226	2496.651	1880.599	1311.943	900.474
-37.5	4218.919	3995.753	3686.645	3265.273	2798.466	2337.919	1880.044	1409.537	1027.553	752.233
-42.5	2681.379	2513.780	2351.395	2129.503	1880.686	1559.790	1314.511	1029.793	789.587	579.533
-47.5	1681.949	1582.031	1478.485	1367.094	1243.274	1082.944	903.849	755.976	581.776	471.336
-55.0	847.090	821.159	784.166	733.164	675.120	599.526	543.672	476.909	393.319	335.908
-65.0	371.353	368.600	364.327	358.054	350.631	336.422	310.421	277.418	238.605	200.671
-75.0	153.673	152.665	151.003	148.406	145.146	140.494	131.922	120.967	107.334	92.236
-85.0	41.143	40.987	40.759	40.433	40.054	39.544	38.540	37.228	35.700	34.111
-90.0	20.997	21.025	21.059	21.099	21.140	21.187	21.163	21.106	21.043	20.979

Vert. Angles	**Horizontal Angles**				
	55.0	**65.0**	**75.0**	**85.0**	**90.0**
90.0	19.944	20.148	20.787	21.424	21.743
85.0	32.219	29.009	26.359	23.350	21.747
75.0	77.685	54.268	37.406	27.160	21.755
65.0	153.307	96.588	55.419	30.813	21.762
55.0	247.209	152.646	78.287	34.201	21.769
47.5	332.049	197.293	94.131	36.508	21.773
42.5	388.302	227.039	107.833	37.913	21.776
37.5	472.616	254.368	120.287	39.198	21.779
33.0	542.327	281.761	130.346	40.244	21.781
29.0	602.089	306.003	138.316	41.080	21.782
25.5	678.548	325.126	144.505	41.736	21.784
22.5	737.410	339.873	149.209	42.240	21.784
19.5	789.781	353.029	153.344	42.689	21.785
17.0	828.259	362.729	156.346	43.019	21.786
15.0	855.549	369.635	158.454	43.255	21.786
13.0	879.659	375.763	160.297	43.464	21.787
11.0	900.525	381.097	161.875	44.060	21.787
9.0	918.093	385.622	163.185	44.081	21.787

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IES FLOOD REPORT
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CANDELA TABULATION - (Cont.)

7.0	932.315	389.322	164.227	44.102	21.788
5.0	943.154	392.187	165.840	44.123	21.788
3.0	954.449	395.177	165.804	44.144	21.788
1.0	955.013	395.472	165.767	44.176	21.788
0.0	955.295	395.619	165.749	44.176	21.788
-1.0	954.742	395.390	165.748	44.162	21.788
-3.0	953.637	394.931	165.747	44.133	21.788
-5.0	941.829	391.784	165.745	44.104	21.788
-7.0	930.497	388.767	164.092	44.075	21.788
-9.0	915.821	384.923	163.011	44.046	21.787
-11.0	897.846	380.267	161.661	44.017	21.787
-13.0	876.629	374.815	160.042	43.417	21.787
-15.0	852.233	368.584	158.157	43.201	21.786
-17.0	824.730	361.593	156.005	42.959	21.786
-19.5	786.101	351.816	152.947	42.622	21.785
-22.5	733.729	338.613	148.742	42.166	21.784
-25.5	675.081	323.873	143.965	41.657	21.783
-29.0	599.157	304.833	137.684	40.996	21.782
-33.0	539.043	280.789	129.603	40.157	21.780
-37.5	468.794	253.563	119.410	39.111	21.778
-42.5	383.856	226.041	106.796	37.832	21.776
-47.5	328.775	196.079	92.924	36.437	21.773
-55.0	245.644	151.009	77.175	34.155	21.768
-65.0	150.966	94.151	54.589	30.814	21.762
-75.0	74.862	52.792	37.023	27.223	21.754
-85.0	31.654	29.018	26.554	23.481	21.747
-90.0	20.884	20.975	21.283	21.590	21.743

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LUMEN TABULATION
Average Of Right And Left Sides
Total Luminaire Lumens (one side of beam only) = 10412.51
Total Field Lumens (one side of beam only) = 9395.68
* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	0	1	3	5	7	9	11	13	15	17
90	0.05	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.09	0.12
85	0.32	0.64	0.64	0.64	0.63	0.63	0.62	0.61	0.60	0.74
75	0.85	1.71	1.71	1.71	1.69	1.68	1.65	1.63	1.60	1.95
65	2.17	4.34	4.30	4.24	4.17	4.08	3.97	3.85	3.72	4.43
55	3.70	7.36	7.26	7.11	6.92	6.68	6.41	6.09	5.73	6.67
47.5	4.45 *	8.84 *	8.70 *	8.50 *	8.22 *	7.89 *	7.49 *	7.03 *	6.54 *	7.54
42.5	7.15 *	14.20 *	13.96 *	13.61 *	13.13 *	12.55 *	11.86 *	11.08 *	10.30 *	11.86 *
37.5	9.59 *	19.04 *	18.71 *	18.21 *	17.56 *	16.75 *	15.82 *	14.82 *	13.81 *	15.82 *
33	11.56 *	22.93 *	22.54 *	21.95 *	21.18 *	20.24 *	19.17 *	18.01 *	16.77 *	19.11 *
29	12.63 *	25.06 *	24.65 *	24.03 *	23.22 *	22.24 *	21.11 *	19.85 *	18.50 *	21.11 *
25.5	12.62 *	25.06 *	24.66 *	24.08 *	23.32 *	22.41 *	21.32 *	20.10 *	18.78 *	21.51 *
22.5	14.15 *	28.10 *	27.67 *	27.04 *	26.21 *	25.22 *	24.08 *	22.81 *	21.42 *	24.58 *
19.5	12.88 *	25.57 *	25.17 *	24.59 *	23.84 *	22.97 *	21.98 *	20.88 *	19.67 *	22.68 *
17	10.98 *	21.78 *	21.41 *	20.89 *	20.26 *	19.55 *	18.74 *	17.82 *	16.79 *	19.42 *
15	11.51 *	22.81 *	22.42 *	21.89 *	21.24 *	20.49 *	19.65 *	18.71 *	17.65 *	20.42 *
13	11.96 *	23.69 *	23.27 *	22.73 *	22.10 *	21.36 *	20.48 *	19.49 *	18.41 *	21.31 *
11	12.38 *	24.50 *	24.03 *	23.46 *	22.83 *	22.09 *	21.21 *	20.17 *	19.05 *	22.08 *
9	12.75 *	25.18 *	24.68 *	24.13 *	23.47 *	22.69 *	21.80 *	20.75 *	19.57 *	22.70 *
7	13.08 *	25.77 *	25.21 *	24.66 *	24.00 *	23.17 *	22.24 *	21.19 *	19.99 *	23.19 *
5	13.25 *	26.13 *	25.64 *	25.07 *	24.37 *	23.53 *	22.55 *	21.50 *	20.30 *	23.54 *
3	13.25 *	26.25 *	25.91 *	25.34 *	24.58 *	23.73 *	22.74 *	21.68 *	20.48 *	23.74 *
1	6.63 *	13.15 *	12.99 *	12.71 *	12.32 *	11.89 *	11.40 *	10.87 *	10.27 *	11.90 *
0	6.63 *	13.14 *	12.98 *	12.71 *	12.32 *	11.89 *	11.39 *	10.87 *	10.27 *	11.90 *
-1	13.22 *	26.19 *	25.84 *	25.28 *	24.53 *	23.68 *	22.70 *	21.64 *	20.45 *	23.70 *

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LUMENS TABULATION - (Cont.)

-3	13.17 *	26.00 *	25.52 *	24.96 *	24.27 *	23.44 *	22.47 *	21.42 *	20.23 *	23.46 *
-5	12.97 *	25.57 *	25.04 *	24.51 *	23.86 *	23.04 *	22.12 *	21.08 *	19.89 *	23.08 *
-7	12.60 *	24.93 *	24.46 *	23.93 *	23.29 *	22.52 *	21.64 *	20.61 *	19.44 *	22.55 *
-9	12.21 *	24.19 *	23.77 *	23.22 *	22.61 *	21.89 *	21.02 *	19.99 *	18.89 *	21.89 *
-11	11.77 *	23.34 *	22.96 *	22.46 *	21.85 *	21.13 *	20.26 *	19.29 *	18.22 *	21.09 *
-13	11.30 *	22.43 *	22.08 *	21.58 *	20.96 *	20.23 *	19.41 *	18.48 *	17.43 *	20.17 *
-15	10.76 *	21.37 *	21.03 *	20.55 *	19.94 *	19.25 *	18.47 *	17.56 *	16.54 *	19.13 *
-17	12.59 *	25.01 *	24.65 *	24.11 *	23.40 *	22.55 *	21.59 *	20.52 *	19.32 *	22.27 *
-19.5	13.76 *	27.36 *	26.98 *	26.40 *	25.61 *	24.66 *	23.55 *	22.31 *	20.94 *	24.02 *
-22.5	12.20 *	24.26 *	23.91 *	23.37 *	22.65 *	21.77 *	20.73 *	19.53 *	18.25 *	20.88 *
-25.5	12.10 *	24.04 *	23.68 *	23.11 *	22.36 *	21.43 *	20.36 *	19.15 *	17.84 *	20.36 *
-29	10.94 *	21.74 *	21.41 *	20.88 *	20.17 *	19.30 *	18.30 *	17.21 *	16.04 *	18.29 *
-33	8.97 *	17.84 *	17.57 *	17.13 *	16.54 *	15.81 *	14.95 *	14.02 *	13.09 *	15.02 *
-37.5	6.62 *	13.16 *	12.98 *	12.67 *	12.26 *	11.73 *	11.11 *	10.39 *	9.68 *	11.16 *
-42.5	4.10 *	8.15 *	8.04 *	7.87 *	7.63 *	7.33 *	6.97 *	6.56 *	6.11	7.06
-47.5	3.39	6.76	6.68	6.56	6.40	6.19	5.95	5.66	5.34	6.23
-55	1.99	3.98	3.96	3.91	3.85	3.78	3.69	3.59	3.47	4.16
-65	0.80	1.60	1.60	1.60	1.59	1.57	1.56	1.53	1.51	1.84
-75	0.30	0.59	0.59	0.59	0.59	0.58	0.57	0.57	0.56	0.68
-85	0.05	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.11
-90										
Total	390.35	773.97	761.47	744.15	722.13	695.82	665.30	631.12	593.65	685.47

Vert. Angles	**Horizontal Angles**									
	19.5	**22.5**	**25.5**	**29**	**33**	**37.5**	**42.5**	**47.5**	**55**	**65**
90	0.14	0.13	0.15	0.16	0.17	0.17	0.15	0.19	0.19	0.12
85	0.86	0.82	0.91	0.96	0.96	0.92	0.76	0.87	0.75	0.38
75	2.25	2.15	2.36	2.46	2.41	2.23	1.78	1.93	1.48	0.64
65	4.98	4.58	4.79	4.81	4.62	4.15	3.23	3.43	2.52	1.01
55	7.32	6.57	6.67	6.38	5.85	5.00	3.72	3.82	2.69	1.03

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IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-150W-LED-60F.IES

LUMENS TABULATION - (Cont.)

47.5	8.19	7.23	7.14	6.63	5.85	4.80	3.39	3.26	2.21	0.82
42.5	12.71 *	10.97 *	10.61 *	9.67	8.23	6.48	4.42	4.04	2.59	0.93
37.5	16.74 *	14.25 *	13.72 *	12.24 *	10.07	7.71	5.04	4.43	2.70	0.93
33	20.13 *	17.13 *	16.38 *	14.41 *	11.65 *	8.63	5.44	4.61	2.68	0.90
29	22.29 *	18.95 *	18.04 *	15.79 *	12.59 *	9.12 *	5.65	4.65	2.59	0.84
25.5	22.77 *	19.36 *	18.43 *	16.06 *	12.72 *	9.17 *	5.56	4.45	2.41	0.75
22.5	26.08 *	22.27 *	21.20 *	18.46 *	14.61 *	10.39 *	6.15	4.83	2.57	0.78
19.5	24.15 *	20.67 *	19.73 *	17.21 *	13.55 *	9.49 *	5.55	4.30	2.25	0.67
17	20.77 *	17.82 *	17.07 *	14.89 *	11.64 *	8.11 *	4.74	3.64	1.86	0.55
15	21.91 *	18.87 *	18.10 *	15.78 *	12.33 *	8.62 *	5.03 *	3.81	1.91	0.56
13	22.92 *	19.80 *	19.02 *	16.59 *	13.00 *	9.11 *	5.29 *	3.97	1.95	0.56
11	23.76 *	20.58 *	19.82 *	17.33 *	13.61 *	9.54 *	5.51 *	4.10	1.98	0.57
9	24.45 *	21.22 *	20.48 *	17.95 *	14.13 *	9.89 *	5.70 *	4.20	2.01	0.57
7	25.00 *	21.71 *	21.01 *	18.44 *	14.54 *	10.16 *	5.84 *	4.28	2.03	0.58
5	25.38 *	22.07 *	21.39 *	18.80 *	14.82 *	10.35 *	5.94 *	4.35	2.05	0.58
3	25.60 *	22.28 *	21.61 *	19.01 *	14.99 *	10.47 *	6.00 *	4.38	2.06	0.58
1	12.83 *	11.17 *	10.84 *	9.54 *	7.53 *	5.25 *	3.01 *	2.19	1.03	0.29
0	12.83 *	11.17 *	10.84 *	9.53 *	7.52 *	5.25 *	3.01 *	2.19	1.03	0.29
-1	25.56 *	22.24 *	21.57 *	18.97 *	14.96 *	10.44 *	5.99 *	4.37	2.06	0.58
-3	25.30 *	21.99 *	21.31 *	18.72 *	14.75 *	10.30 *	5.92 *	4.33	2.05	0.58
-5	24.87 *	21.60 *	20.89 *	18.32 *	14.43 *	10.09 *	5.80 *	4.26	2.03	0.58
-7	24.29 *	21.06 *	20.32 *	17.79 *	14.00 *	9.79 *	5.65 *	4.17	2.00	0.57
-9	23.56 *	20.39 *	19.61 *	17.13 *	13.45 *	9.43 *	5.45 *	4.06	1.97	0.57
-11	22.67 *	19.57 *	18.77 *	16.36 *	12.81 *	8.98 *	5.22 *	3.92	1.93	0.56
-13	21.63 *	18.59 *	17.81 *	15.51 *	12.11 *	8.47 *	4.95 *	3.77	1.89	0.55
-15	20.45 *	17.51 *	16.74 *	14.60 *	11.41 *	7.96 *	4.66	3.59	1.84	0.54
-17	23.68 *	20.23 *	19.29 *	16.81 *	13.24 *	9.29 *	5.44	4.24	2.22	0.66
-19.5	25.45 *	21.71 *	20.65 *	17.96 *	14.22 *	10.13 *	6.02	4.74	2.53	0.77

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LUMENS TABULATION - (Cont.)

-22.5	22.09 *	18.77 *	17.86 *	15.57 *	12.33 *	8.91 *	5.43	4.36	2.37	0.74
-25.5	21.49 *	18.27 *	17.39 *	15.23 *	12.16 *	8.84	5.50	4.55	2.54	0.83
-29	19.27 *	16.41 *	15.71 *	13.83 *	11.21 *	8.33	5.28	4.50	2.63	0.89
-33	15.91 *	13.56 *	13.08 *	11.69 *	9.66	7.43	4.88	4.31	2.65	0.91
-37.5	12.00 *	10.37 *	10.06	9.20	7.87	6.22	4.26	3.93	2.54	0.91
-42.5	7.69	6.80	6.75	6.29	5.57	4.60	3.26	3.16	2.16	0.81
-47.5	6.86	6.17	6.29	6.04	5.57	4.80	3.59	3.70	2.62	1.00
-55	4.68	4.32	4.54	4.57	4.42	3.99	3.11	3.31	2.43	0.98
-65	2.13	2.04	2.24	2.33	2.29	2.12	1.69	1.83	1.41	0.62
-75	0.79	0.76	0.83	0.88	0.89	0.85	0.71	0.82	0.71	0.37
-85	0.13	0.12	0.14	0.15	0.16	0.16	0.15	0.19	0.19	0.13
-90										
Total	734.55	634.24	612.16	541.03	434.91	316.15	193.88	158.05	88.35	29.10

Vert. Angles	**Horizontal Angles**		
	75	**85**	**90**	**Total**
90	0.06	0.01	2.60
85	0.15	0.02	14.42
75	0.20	0.02	36.09
65	0.26	0.02	77.65
55	0.24	0.01	113.25
47.5	0.18	0.01	124.92
42.5	0.20	0.01	190.57
37.5	0.20	0.01	248.17
33	0.18	0.01	295.62
29	0.17	0.01	323.08
25.5	0.15	0.01	325.70
22.5	0.15	0.01	368.79
19.5	0.13	0.01	337.94
17	0.11	0.00	288.84

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LUMENS TABULATION - (Cont.)

15			
	0.11	0.00	303.80
13			
	0.11	0.00	317.11
11			
	0.11	0.00	328.72
9			
	0.11	0.00	338.44
7			
	0.11	0.00	346.24
5			
	0.11	0.00	351.73
3			
	0.11	0.00	354.79
1			
	0.05	0.00	177.90
0			
	0.05	0.00	177.81
-1			
	0.11	0.00	354.06
-3			
	0.11	0.00	350.31
-5			
	0.11	0.00	344.14
-7			
	0.11	0.00	335.71
-9			
	0.11	0.00	325.41
-11			
	0.11	0.00	313.28
-13			
	0.11	0.00	299.46
-15			
	0.10	0.00	284.01
-17			
	0.13	0.01	331.25
-19.5			
	0.15	0.01	359.95
-22.5			
	0.15	0.01	316.16
-25.5			
	0.17	0.01	311.41
-29			
	0.18	0.01	282.53
-33			
	0.19	0.01	235.20
-37.5			
	0.20	0.01	179.33
-42.5			
	0.18	0.01	117.09
-47.5			
	0.24	0.01	106.04
-55			
	0.26	0.02	73.02
-65			
	0.19	0.02	34.11

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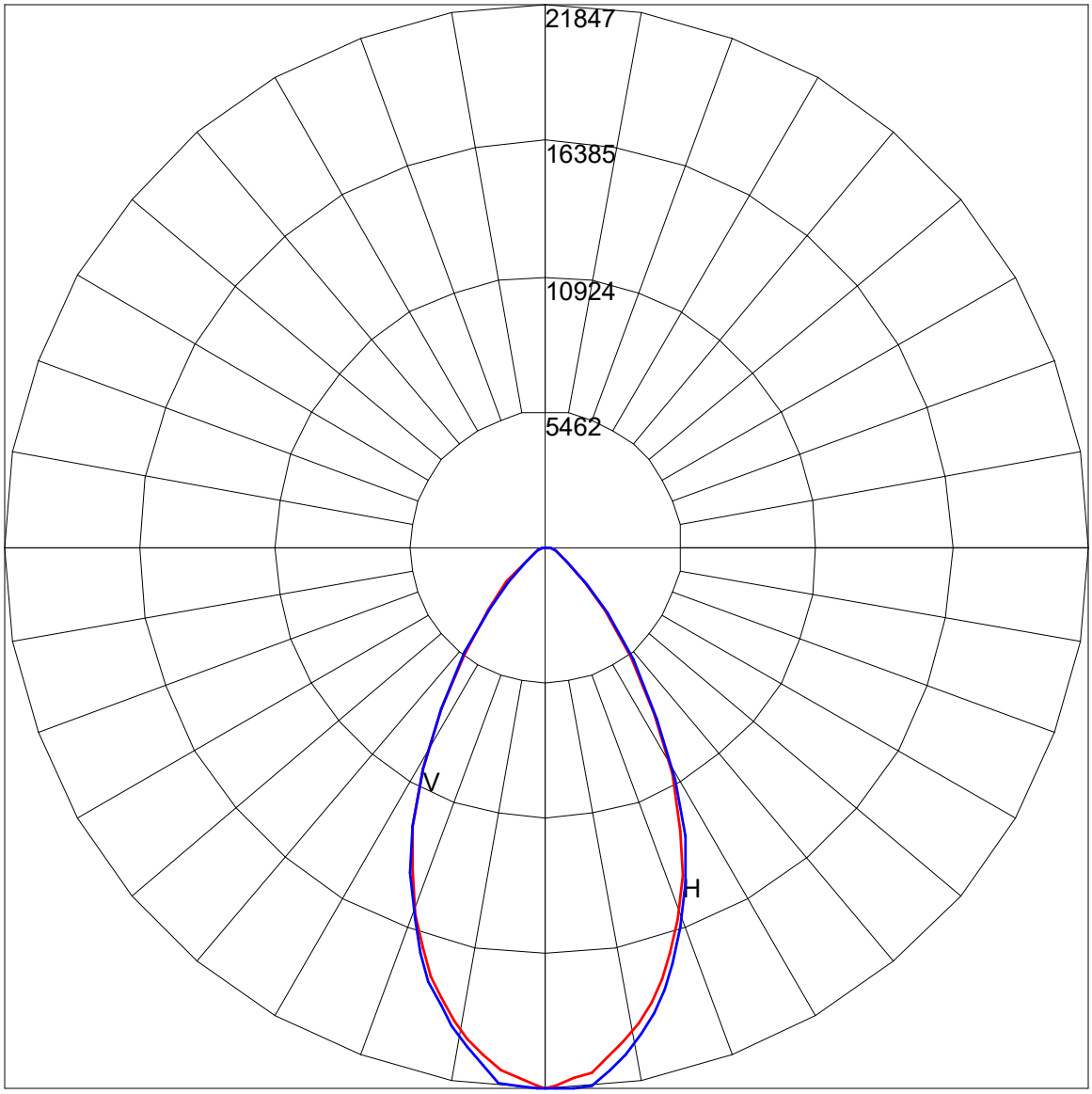
LUMENS TABULATION - (Cont.)

-75			
	0.15	0.02	13.40
-85			
	0.06	0.01	2.48
-90			
Total	6.34	0.33	10412.52

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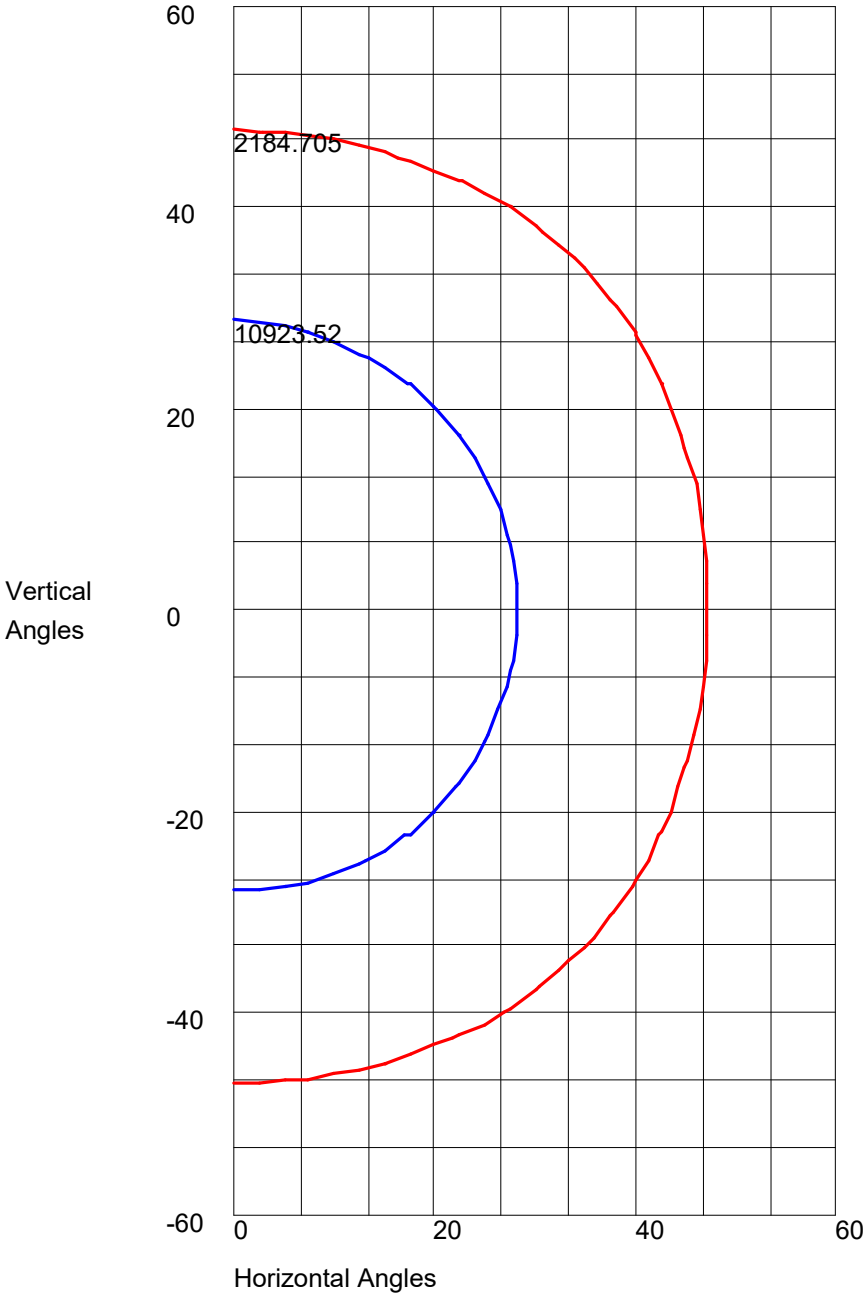
AXIAL CANDELA DISPLAY



Maximum Candela = 21847.049 Located At Horizontal Angle = 0, Vertical Angle = 5
H - Horizontal Axial Candela
V - Vertical Axial Candela

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ISOCANDELA CURVES



Maximum Candela = 21847.049 Located At Horizontal Angle = 0, Vertical Angle = 5
50% Maximum Candela = 10923.5245
10% Maximum Candela = 2184.7049

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-150W-LED-90WF.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 194020
[TESTLAB] RADIANT IMAGING PROSOURCE
[TESTDATE] 2019-04-12
[ISSUEDATE] 2019-04-12
[MANUFAC] LARSON ELECTRONICS LLC
[LUMCAT] GAU-LTL-150W-LED-90WF
[LUMINAIRE] 150W LED FLOOD LIGHT - 90 DEGREE OPTICS
[OTHER] EVERFINE GO-R5000_V2 SYSTEM
[LAMPPOSITION] 0,0

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

CHARACTERISTICS



NEMA Type	6 H x 6 V
Maximum Candela	13878.947
Maximum Candela Angle	0H -5V
Horizontal Beam Angle (50%)	77.3
Vertical Beam Angle (50%)	78.7
Horizontal Field Angle (10%)	115.8
Vertical Field Angle (10%)	116.5
Lumens Per Lamp	21600 (1 lamp)
Total Lamp Lumens	21600
Beam Lumens	13949
Beam Efficiency	65 %
Field Lumens	19736
Field Efficiency	91 %
Spill Lumens	1250
Luminaire Lumens	20986
Total Efficiency	97 %
Total Luminaire Watts	150
Ballast Factor	1.00

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IES FLOOD REPORT
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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	.054	90	.046
85	26.854	85	22.757
75	181.745	75	171.856
65	540.02	65	534.663
55	1773.642	55	1752.3
47.5	4023.689	47.5	4068.943
42.5	5730.261	42.5	5820.336
37.5	7377.97	37.5	7513.947
33	8652.46	33	8819.304
29	9629.593	29	9814.453
25.5	10437.636	25.5	10669.218
22.5	11022.24	22.5	11286.634
19.5	11559.797	19.5	11852.856
17	11901.738	17	12207.433
15	12175.291	15	12491.095
13	12446.079	13	12776.917
11	12716.866	11	13062.738
9	12972.231	9	13337.846
7	13212.173	7	13602.24
5	13452.115	5	13866.634
3	13588.805	3	13837.516
1	13725.494	1	13808.398
0	13793.839	0	13793.839
-1	13724.976	-1	13810.861
-3	13587.249	-3	13844.904
-5	13449.523	-5	13878.947
-7	13219.431	-7	13624.575
-9	12989.34	-9	13370.204
-11	12737.734	-11	13106.415
-13	12464.613	-13	12833.208
-15	12191.492	-15	12560.002
-17	11917.853	-17	12278.241
-19.5	11575.804	-19.5	11926.039
-22.5	11046.217	-22.5	11364.181
-25.5	10469.713	-25.5	10752.187
-29	9662.427	-29	9908.157
-33	8684.731	-33	8908.688
-37.5	7404.862	-37.5	7608.99
-42.5	5743.005	-42.5	5927.259
-47.5	4011.593	-47.5	4174.031
-55	1752.387	-55	1834.318
-65	528.982	-65	561.513
-75	176.075	-75	180.012
-85	23.547	-85	27.098
-90	.047	-90	.054

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CANDELA TABULATION
Maximum Candela = 13878.947
Beam Edge = 6939.4735 Cd (50% of Max.)
Field Edge = 1387.8947 Cd (10% of Max.)
* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	-90.0	**-85.0**	**-75.0**	**-65.0**	**-55.0**	**-47.5**	**-42.5**	**-37.5**	**-33.0**	**-29.0**
90.0	0.000	0.004	0.012	0.019	0.026	0.031	0.034	0.036	0.039	0.040
85.0	0.004	2.032	5.929	9.511	12.864	15.285	16.776	18.156	19.292	20.181
75.0	0.012	6.036	17.633	38.545	67.077	86.755	105.062	121.420	134.396	144.477
65.0	0.020	9.863	38.576	90.662	167.498	233.326	284.065	335.492	387.128	431.621
55.0	0.027	13.399	65.993	164.867	300.821	450.617	551.292	716.426	846.978	957.275
47.5	0.032	15.795	84.986	227.060	441.453	717.372	937.716	1339.325	1672.661	*2080.778 *
42.5	0.035	17.249	102.849	269.644	536.465	940.734	1435.431	*1989.826	*2645.667	*3191.738 *
37.5	0.037	18.574	119.019	308.845	705.051	1357.360	2007.547	*2887.606	*3744.378	*4504.350 *
33.0	0.040	19.647	132.015	352.185	842.645	1708.024	*2678.553	*3760.278	*4782.591	*5662.618 *
29.0	0.041	20.502	142.257	391.605	961.935	2125.361	*3232.033	*4536.197	*5676.437	*6681.072 *
25.5	0.043	21.169	150.165	422.370	1138.612	2499.221	*3769.100	*5168.057	*6404.375	*7360.362 *
22.5	0.044	21.678	156.138	445.842	1273.846	2788.878	*4185.559	*5665.080	*6944.558	*7923.400 *
19.5	0.044	22.129	161.350	466.544	1393.386	*3047.955	*4558.041	*6111.806	*7393.791	*8400.486 *
17.0	0.045	22.458	165.104	481.619	1480.555	*3254.711	*4832.539	*6442.327	*7727.251	*8696.246 *
15.0	0.046	22.692	167.716	492.224	1541.906	*3421.357	*5032.259	*6676.513	*7965.959	*8907.864 *
13.0	0.046	22.897	169.978	501.515	1595.640	*3568.216	*5210.186	*6859.524	*8177.963	*9097.509 *
11.0	0.046	23.508	171.888	509.475	1641.629	*3694.770	*5363.550	*7017.604	*8334.064	*9263.387 *
9.0	0.047	23.515	173.445	516.092	1679.765	*3800.568	*5491.659	*7149.775	*8454.023	*9403.751 *
7.0	0.047	23.522	174.648	521.352	1709.959	*3885.231	*5593.933	*7255.183	*8550.011	*9513.339 *
5.0	0.047	23.529	176.595	525.247	1732.148	*3948.462	*5669.910	*7333.128	*8621.041	*9591.776 *
3.0	0.047	23.536	176.388	529.318	1755.350	*3990.046	*5719.260	*7383.083	*8666.316	*9641.772 *
1.0	0.047	23.543	176.179	529.094	1753.376	*4009.861	*5741.804	*7404.715	*8685.255	*9662.819 *
0.0	0.047	23.547	176.075	528.982	1752.387	*4011.593	*5743.005	*7404.862	*8684.731	*9662.427 *
-1.0	0.047	23.547	176.163	529.088	1752.876	*4009.482	*5740.807	*7402.158	*8680.436	*9655.613 *
-3.0	0.047	23.540	176.338	529.299	1753.853	*3988.919	*5716.314	*7375.520	*8652.017	*9620.299 *
-5.0	0.047	23.535	176.513	525.213	1729.689	*3946.615	*5665.138	*7320.882	*8597.725	*9556.462 *
-7.0	0.047	23.530	174.536	521.301	1706.568	*3882.711	*5587.542	*7238.780	*8518.431	*9464.871 *
-9.0	0.047	23.525	173.303	516.022	1675.494	*3797.440	*5483.931	*7129.934	*8415.196	*9343.561 *
-11.0	0.046	23.520	171.718	509.382	1636.543	*3691.115	*5354.834	*6995.209	*8289.230	*9193.671 *
-13.0	0.046	22.911	169.782	501.395	1589.815	*3564.131	*5200.898	*6835.609	*8128.622	*9020.302 *
-15.0	0.046	22.708	167.496	492.071	1535.432	*3416.952	*5022.867	*6652.233	*7913.904	*8825.366 *
-17.0	0.045	22.476	164.863	481.428	1473.534	*3250.108	*4823.249	*6417.368	*7674.258	*8610.751 *
-19.5	0.044	22.149	161.089	466.296	1385.835	3042.303	*4548.302	*6087.062	*7342.223	*8314.620 *
-22.5	0.044	21.701	155.857	445.513	1265.910	2780.944	*4175.707	*5642.316	*6898.292	*7841.606 *
-25.5	0.043	21.194	149.874	421.940	1130.584	2488.495	*3759.617	*5149.180	*6362.845	*7286.839 *
-29.0	0.041	20.529	141.966	391.036	954.194	2110.714	*3223.599	*4519.833	*5640.753	*6620.710 *
-33.0	0.040	19.677	131.740	351.424	836.210	1689.893	*2665.388	*3747.206	*4757.069	*5615.773 *
-37.5	0.037	18.604	118.786	307.886	700.988	1341.200	1990.481	*2877.876	*3728.727	*4475.228 *
-42.5	0.035	17.281	102.690	268.581	536.084	928.836	1420.728	*1977.808	*2637.249	*3182.997 *
-47.5	0.032	15.827	84.932	225.902	440.517	710.708	925.770	1327.845	1665.008	*2076.038 *
-55.0	0.027	13.429	66.004	163.818	299.012	446.902	544.773	706.084	835.056	945.489
-65.0	0.020	9.887	38.692	90.494	165.762	230.152	279.599	329.370	378.883	420.968
-75.0	0.012	6.052	17.776	38.751	66.781	85.488	102.993	118.576	130.879	140.453
-85.0	0.004	2.038	5.979	9.646	12.986	15.251	16.611	17.839	18.825	19.732
-90.0	0.000	0.004	0.012	0.019	0.026	0.031	0.033	0.036	0.038	0.040

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CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	-25.5	**-22.5**	**-19.5**	**-17.0**	**-15.0**	**-13.0**	**-11.0**	**-9.0**	**-7.0**	**-5.0**
90.0	0.042	0.043	0.043	0.044	0.044	0.045	0.045	0.045	0.045	0.045
85.0	20.792	21.253	21.654	21.942	22.142	22.314	22.880	22.858	22.835	22.813
75.0	151.776	157.164	161.742	164.938	167.088	168.878	170.309	171.382	172.099	173.535
65.0	460.525	479.307	495.714	507.463	515.540	522.399	527.997	532.297	535.262	536.859
55.0	1123.507	1253.550	1370.456	1457.073	*1518.962	*1574.022	*1622.042	*1662.822	*1696.180	*1721.953 *
47.5	2449.094	*2736.595	*3007.862	*3226.266	*3402.604	*3559.399	*3696.079	*3812.129	*3907.103	*3980.631 *
42.5	3723.101	*4135.423	*4515.974	*4804.415	*5017.158	*5208.390	*5374.746	*5515.541	*5630.199	*5718.266 *
37.5	5125.785	*5625.633	*6077.588	*6425.552	*6674.023	*6872.941	*7046.797	*7194.518	*7315.150	*7407.886 *
33.0	6381.403	*6917.670	*7377.735	*7725.691	*7982.770	*8213.285	*8385.029	*8519.688	*8630.712	*8717.026 *
29.0	7353.566	*7916.427	*8396.339	*8698.487	*8919.980	*9125.076	*9307.069	*9464.136	*9592.942	*9692.733 *
25.5	8125.865	*8635.285	*9077.784	*9415.298	*9656.775	*9878.201	*10080.63610257.04310405.02310522.315 *
22.5	8636.266	*9151.791	*9629.022	*9987.821	*10253.12110496.16310717.91610883.42911024.09611137.377 *
19.5	9078.445	*9627.910	*10132.75410527.23310795.26511016.71511218.89711407.52111570.03511702.442 *
17.0	9414.682	*9981.778	*10521.34810893.84511153.33011397.60411623.33711784.67911924.01212040.046 *
15.0	9649.222	*10240.44910780.13711142.24011419.78211670.78511852.99612018.29512170.35612300.469 *
13.0	9853.501	*10471.66710986.56311368.80111652.19011862.89712061.15312243.42412407.51812555.282 *
11.0	10031.93810667.40611166.53811569.92811811.41912037.26112252.53512454.54312636.85512801.173 *
9.0	10182.43110799.60111317.01011700.75711949.07312189.69812423.85612646.99912852.05913032.629 *
7.0	10303.04610905.61311438.50611798.76512058.41212315.00712569.02112813.03613041.22513229.209 *
5.0	10392.12210983.49311528.18211870.13512138.49412407.12512675.66012942.16413170.37113387.322 *
3.0	10448.38911031.68011570.35111912.39312186.03412461.17112737.28813003.47013242.50613486.053 *
1.0	10471.06511049.14911580.75111923.87512203.08312473.98012750.14513007.33413244.65613499.072 *
0.0	10469.71311046.21711575.80411917.85312191.49212464.61312737.73412989.34013219.43113449.523 *
-1.0	10461.83711037.99011567.08511907.09912183.06712449.12312718.67112966.60113189.84813419.143 *
-3.0	10420.92110998.45411529.82311862.77112127.04512388.46312645.86712886.19213087.97513271.276 *
-5.0	10347.04610928.92311462.07111789.67812043.37912291.69512532.28512761.12112939.63413086.317 *
-7.0	10241.37110830.84011348.40111690.50911931.37712164.11512384.43512585.44512758.14612877.212 *
-9.0	10105.48210706.09311205.05611568.39411795.09912009.60412209.11812387.85112538.59112669.166 *
-11.0	9941.279 *10556.86211035.14011417.86511636.77111834.87812016.50912176.29812308.13912518.859 *
-13.0	9750.866 *10347.12510840.02611200.88611462.50511645.19011810.52511954.48712099.70512336.226 *
-15.0	9536.438 *10106.41010622.79910962.69911218.65311443.87811594.78311724.73111919.65112130.199 *
-17.0	9296.499 *9841.977 *10357.10710706.60810944.94511164.90011363.03411518.15511719.18911906.102 *
-19.5	8960.998 *9483.983 *9964.559 *10335.77910583.36810782.37710959.73911193.46611411.07911604.642 *
-22.5	8522.400 *9010.669 *9461.029 *9798.033 *10044.34610267.08610511.04910719.36810907.71411072.922 *
-25.5	8019.116 *8501.533 *8917.475 *9232.599 *9456.618 *9683.799 *9920.395 *10134.70510324.02210485.635 *
-29.0	7262.983 *7797.517 *8249.551 *8531.083 *8748.804 *8979.939 *9191.950 *9382.665 *9547.646 *9685.317 *
-33.0	6312.655 *6826.076 *7260.153 *7593.077 *7865.048 *8113.573 *8308.344 *8469.550 *8609.323 *8726.126 *
-37.5	5080.349 *5562.982 *5996.851 *6357.127 *6619.278 *6832.392 *7022.649 *7188.783 *7329.608 *7444.050 *
-42.5	3703.548 *4105.164 *4487.389 *4786.933 *5009.819 *5212.587 *5391.985 *5547.151 *5677.307 *5781.779 *
-47.5	2444.897 *2733.964 *3016.763 *3244.741 *3428.123 *3593.123 *3739.036 *3865.203 *3971.020 *4055.948 *
-55.0	1114.661 1253.891 1381.093 1476.718 *1546.017 *1608.606 *1664.213 *1712.575 *1753.444 *1786.590 *
-65.0	450.818 472.698 492.703 507.777 518.696 528.529 537.209 544.671 550.851 555.688
-75.0	148.981 155.505 161.285 165.524 168.533 171.197 173.515 175.484 177.104 179.469
-85.0	20.857 21.783 22.668 23.371 23.908 24.422 25.379 25.691 26.004 26.316
-90.0	0.042 0.044 0.045 0.047 0.048 0.049 0.050 0.051 0.052 0.052

Vert. Angles	Horizontal Angles									
	-3.0	**-1.0**	**0.0**	**1.0**	**3.0**	**5.0**	**7.0**	**9.0**	**11.0**	**13.0**
90.0	0.046	0.046	0.046	0.046	0.045	0.045	0.045	0.045	0.045	0.044
85.0	22.791	22.768	22.757	22.752	22.741	22.731	22.720	22.710	22.700	22.106
75.0	172.863	172.192	171.856	171.839	171.806	171.772	169.665	168.280	166.561	164.509
65.0	538.693	536.006	534.663	534.752	534.930	530.630	526.599	521.257	514.653	506.840

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CANDELA TABULATION - (Cont.)

55.0	1748.945	*1751.181	*1752.300	*1748.682	*1741.451	*1709.597	*1679.068	*1641.137	*1596.018	*1543.940 *
47.5	4032.422	*4062.278	*4068.943	*4056.102	*4014.023	*3950.397	*3865.676	*3760.395	*3635.156	*3490.621 *
42.5	5779.417	*5813.479	*5820.336	*5803.468	*5749.559	*5669.081	*5562.546	*5430.597	*5273.987	*5093.566 *
37.5	7472.083	*7507.294	*7513.947	*7492.962	*7429.304	*7337.304	*7217.821	*7071.881	*6900.638	*6705.356 *
33.0	8777.726	*8812.122	*8819.304	*8793.207	*8721.294	*8624.008	*8502.624	*8358.575	*8193.404	*7994.069 *
29.0	9763.842	*9805.187	*9814.453	*9781.303	*9692.558	*9575.134	*9430.780	*9260.270	*9065.429	*8849.673 *
25.5	10606.928	*10657.266	*10669.218	*10628.490	*10521.141	*10381.102	*10210.915	*10013.368	*9791.336	*9547.652 *
22.5	11220.957	*11272.936	*11286.634	*11239.098	*11120.154	*10971.674	*10796.751	*10598.639	*10380.549	*10130.092 *
19.5	11785.870	*11837.358	*11852.856	*11797.005	*11665.858	*11505.822	*11301.706	*11073.569	*10829.857	*10651.100 *
17.0	12129.447	*12189.292	*12207.433	*12141.907	*11988.862	*11810.738	*11612.735	*11399.656	*11240.519	*11041.603 *
15.0	12401.775	*12474.815	*12491.095	*12420.088	*12239.923	*12037.852	*11816.352	*11612.141	*11480.803	*11328.484 *
13.0	12672.170	*12752.237	*12776.917	*12687.746	*12482.250	*12249.706	*12000.111	*11850.541	*11704.510	*11537.247 *
11.0	12937.630	*13032.942	*13062.738	*12955.110	*12709.901	*12438.892	*12216.418	*12080.030	*11917.512	*11733.525 *
9.0	13187.979	*13300.479	*13337.846	*13204.884	*12909.357	*12593.606	*12453.230	*12296.546	*12114.967	*11913.863 *
7.0	13404.626	*13551.183	*13602.240	*13429.870	*13057.466	*12813.272	*12675.349	*12495.245	*12291.881	*12077.138 *
5.0	13592.381	*13804.091	*13866.634	*13637.089	*13154.932	*13034.803	*12866.666	*12671.054	*12453.831	*12222.467 *
3.0	13664.151	*13775.457	*13837.516	*13603.445	*13373.375	*13230.140	*13036.828	*12825.863	*12589.116	*12338.622 *
1.0	13627.245	*13750.640	*13808.398	*13653.630	*13533.272	*13409.064	*13169.006	*12935.843	*12685.546	*12419.950 *
0.0	13587.249	*13724.976	*13793.839	*13725.494	*13588.805	*13452.115	*13212.173	*12972.231	*12716.866	*12446.079 *
-1.0	13544.716	*13661.725	*13810.861	*13752.899	*13624.439	*13497.359	*13234.927	*12989.024	*12729.900	*12457.657 *
-3.0	13397.661	*13616.608	*13844.904	*13788.114	*13670.893	*13475.690	*13226.894	*12981.726	*12719.596	*12450.178 *
-5.0	13189.406	*13654.621	*13878.947	*13821.132	*13618.200	*13394.700	*13159.886	*12919.378	*12663.573	*12403.570 *
-7.0	13103.227	*13458.990	*13624.575	*13576.013	*13435.197	*13253.562	*13047.712	*12812.213	*12568.770	*12321.708 *
-9.0	12965.823	*13244.541	*13370.204	*13333.838	*13224.274	*13071.860	*12878.163	*12665.518	*12440.905	*12204.510 *
-11.0	12774.766	*13005.477	*13106.415	*13076.340	*12981.384	*12845.321	*12677.071	*12487.811	*12281.391	*12058.944 *
-13.0	12555.957	*12749.486	*12833.208	*12807.018	*12724.847	*12606.275	*12456.473	*12286.419	*12097.161	*11891.661 *
-15.0	12322.346	*12493.329	*12560.002	*12541.111	*12463.306	*12357.916	*12224.639	*12069.061	*11896.492	*11706.873 *
-17.0	12073.967	*12217.378	*12278.241	*12258.014	*12194.278	*12101.538	*11982.875	*11841.718	*11675.153	*11444.507 *
-19.5	11754.125	*11875.134	*11926.039	*11908.928	*11854.437	*11768.660	*11635.876	*11474.813	*11289.164	*11080.486 *
-22.5	11211.789	*11321.286	*11364.181	*11350.043	*11297.572	*11214.306	*11102.457	*10964.578	*10803.380	*10582.687 *
-25.5	10616.955	*10715.670	*10752.187	*10740.736	*10691.783	*10609.130	*10494.439	*10349.754	*10177.362	*9979.675 *
-29.0	9796.029	*9878.194	*9908.157	*9899.698	*9860.289	*9791.594	*9694.746	*9568.214	*9412.371	*9231.848 *
-33.0	8818.532	*8885.278	*8908.688	*8902.686	*8870.491	*8811.851	*8727.538	*8618.529	*8485.972	*8317.831 *
-37.5	7531.170	*7590.198	*7608.990	*7604.096	*7572.723	*7512.841	*7424.953	*7309.753	*7168.088	*7000.947 *
-42.5	5860.008	*5911.572	*5927.259	*5922.673	*5893.213	*5836.791	*5753.640	*5644.138	*5508.789	*5348.218 *
-47.5	4119.521	*4161.358	*4174.031	*4170.008	*4145.386	*4098.781	*4030.414	*3940.595	*3829.716	*3698.243 *
-55.0	1821.139	*1829.923	*1834.318	*1835.391	*1837.536	*1813.610	*1790.844	*1759.930	*1720.986	*1674.148 *
-65.0	560.827	561.284	561.513	563.058	566.148	564.519	563.163	560.412	556.313	550.916
-75.0	179.686	179.903	180.012	180.508	181.501	182.493	181.301	180.849	180.024	178.822
-85.0	26.629	26.942	27.098	27.099	27.100	27.101	27.102	27.103	27.105	26.409
-90.0	0.053	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.053	0.053

Vert. Angles	**Horizontal Angles**									
	15.0	**17.0**	**19.5**	**22.5**	**25.5**	**29.0**	**33.0**	**37.5**	**42.5**	**47.5**
90.0	0.044	0.043	0.043	0.042	0.041	0.040	0.038	0.035	0.033	0.030
85.0	21.904	21.675	21.353	20.912	20.415	19.766	18.864	17.729	16.355	14.877
75.0	162.128	159.421	155.585	150.328	144.375	136.573	127.141	115.036	99.762	82.652
65.0	497.871	487.801	473.748	454.885	434.023	405.009	363.848	316.108	268.601	221.037
55.0	1485.148	*1419.897	*1329.654	1209.338	1077.198	913.645	805.574	679.822	523.510	428.990
47.5	3327.507	*3146.569	*2923.075	*2647.245	*2362.404	*1999.361	*1597.537	*1273.390	888.424	680.833
42.5	4890.262	*4667.737	*4370.807	*3991.709	*3592.046	*3075.296	*2539.216	*1894.852	*1357.928	888.774
37.5	6487.366	*6223.770	*5862.860	*5427.320	*4943.835	*4341.457	*3602.398	*2764.880	*1901.342	*1281.400
33.0	7739.235	*7461.309	*7122.114	*6679.032	*6160.133	*5463.838	*4608.020	*3610.926	*2551.455	*1621.336 *
29.0	8615.164	*8396.678	*8115.181	*7657.271	*7111.952	*6454.435	*5477.730	*4364.994	*3102.070	*2038.663 *
25.5	9316.649	*9091.973	*8777.707	*8361.771	*7875.890	*7127.355	*6188.251	*4985.387	*3642.239	*2417.343 *

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CANDELA TABULATION - (Cont.)

22.5	9906.207	9658.440	9319.194	8868.108	8378.936	7689.182	6721.763	5488.576	4063.700	2713.686
19.5	10448.91	10198.36	9824.821	9340.786	8815.986	8166.761	7187.929	5944.913	4443.382	2981.710
17.0	10818.65	10575.23	10219.30	9700.486	9151.014	8471.495	7539.416	6286.070	4725.556	3196.478
15.0	11100.28	10838.85	10489.20	9966.340	9397.614	8697.257	7793.462	6530.569	4932.985	3368.987
13.0	11352.83	91085.61	10713.88	10213.88	69625.387	8903.760	8021.601	6727.908	5119.826	3522.424
11.0	11533.41	71312.17	10921.75	10438.66	49829.487	9089.099	8193.675	6900.880	5283.077	3656.247
9.0	11697.23	31475.19	51111.259	10606.41	61007.696	9251.337	8330.727	7048.468	5421.969	3769.972
7.0	11850.35	01613.87	41273.499	10749.06	71157.877	9385.503	8445.283	7169.769	5535.832	3863.182
5.0	11980.36	61729.99	81405.349	10864.42	71278.077	9490.290	8536.095	7264.031	5624.102	3935.538
3.0	12082.53	01820.36	91489.543	10950.61	21366.648	9567.428	8602.057	7330.661	5686.339	3986.777
1.0	12157.39	41882.19	51542.970	11006.20	11422.355	9616.098	8642.253	7369.256	5722.242	4016.727
0.0	12175.29	11901.73	81559.797	11022.24	01437.636	9629.593	8652.460	7377.970	5730.261	4023.689
-1.0	12190.18	31910.31	11566.582	11026.72	91440.595	9631.958	8654.174	7378.247	5729.221	4022.014
-3.0	12179.46	81903.75	71559.742	11011.97	31421.174	9614.882	8637.562	7357.568	5707.210	4002.602
-5.0	12137.54	51865.91	61520.544	10965.96	61368.327	9568.964	8594.414	7308.655	5658.670	3961.796
-7.0	12062.01	21798.18	71432.506	10889.75	51282.951	9494.795	8525.169	7231.786	5583.775	3899.700
-9.0	11956.18	21702.87	21312.095	10784.92	81166.416	9388.948	8430.497	7127.434	5482.850	3816.513
-11.0	11825.54	11576.00	21162.203	10653.46	71020.457	9250.903	8311.272	6996.249	5356.345	3712.510
-13.0	11673.41	31382.10	51087.356	10462.22	29847.064	9086.376	8155.803	6839.041	5204.835	3588.055
-15.0	11449.60	11164.36	91790.174	10241.49	79648.368	8897.036	7945.285	6656.749	5029.000	3443.577
-17.0	11193.82	11926.37	21543.863	9996.847	9421.421	8684.627	7707.756	6425.229	4831.905	3279.575
-19.5	10851.52	41575.79	91173.325	9660.247	9093.249	8390.073	7375.297	6098.472	4562.019	3073.769
-22.5	10331.14	61058.16	29690.767	9196.519	8660.257	7926.825	6929.091	5656.716	4195.515	2814.098
-25.5	9756.331	9505.218	9151.379	8688.776	8160.830	7380.909	6408.038	5165.111	3785.453	2523.994
-29.0	9028.528	8798.764	8480.068	7986.162	7411.382	6722.971	5704.749	4553.320	3256.290	2149.820
-33.0	8094.579	7845.618	7491.061	7017.923	6467.349	5732.837	4837.514	3803.014	2706.550	1732.020
-37.5	6809.431	6566.996	6226.008	5756.954	5241.540	4602.431	3825.495	2950.255	2046.299	1379.751
-42.5	5163.149	4956.507	4674.435	4291.162	3861.550	3312.836	2740.316	2058.522	1477.227	964.121
-47.5	3546.708	3375.703	3161.460	2892.385	2587.898	2196.504	1762.684	1399.912	974.011	738.768
-55.0	1619.575	1557.443	1469.441	1349.219	1213.228	1026.947	899.168	752.077	572.596	467.289
-65.0	544.274	536.438	525.050	509.191	491.121	461.773	414.106	357.870	299.973	243.813
-75.0	177.240	175.275	172.279	167.889	162.631	155.402	143.872	129.175	110.883	90.631
-85.0	26.181	25.921	25.551	25.043	24.466	23.709	22.307	20.514	18.457	16.357
-90.0	0.052	0.052	0.051	0.050	0.049	0.047	0.045	0.041	0.037	0.033

Vert. Angles	**Horizontal Angles**				
	55.0	**65.0**	**75.0**	**85.0**	**90.0**
90.0	0.025	0.019	0.013	0.005	0.000
85.0	12.491	9.508	6.270	2.262	0.005
75.0	64.119	38.141	18.691	6.725	0.014
65.0	158.639	89.031	40.180	11.004	0.023
55.0	287.660	160.489	68.161	14.981	0.031
47.5	424.649	221.964	87.747	17.697	0.036
42.5	518.217	264.615	105.409	19.354	0.040
37.5	680.307	304.140	121.513	20.874	0.043
33.0	814.837	348.077	134.566	22.116	0.045
29.0	933.368	388.437	144.948	23.111	0.047
25.5	1108.963	420.323	153.045	23.894	0.048
22.5	1245.279	444.958	159.226	24.497	0.050
19.5	1367.640	466.985	164.686	25.036	0.051
17.0	1458.382	483.273	168.674	25.434	0.051
15.0	1523.314	494.906	171.491	25.719	0.052
13.0	1581.206	505.268	173.972	25.973	0.052
11.0	1631.859	514.331	176.114	26.688	0.053
9.0	1675.087	522.073	177.914	26.718	0.053

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CANDELA TABULATION - (Cont.)

7.0	1710.722	*528.471	179.370	26.748	0.053
5.0	1738.611	*533.506	181.565	26.778	0.054
3.0	1767.712	*538.744	181.637	26.808	0.054
1.0	1771.664	*539.594	181.709	26.854	0.054
0.0	1773.642	*540.020	181.745	26.854	0.054
-1.0	1774.715	*540.179	181.845	26.840	0.054
-3.0	1776.859	*540.496	182.044	26.813	0.054
-5.0	1753.629	*536.402	182.243	26.786	0.054
-7.0	1731.425	*532.489	180.304	26.759	0.053
-9.0	1701.160	*527.177	179.100	26.732	0.053
-11.0	1662.902	*520.476	177.542	26.706	0.053
-13.0	1616.739	*512.398	175.629	25.994	0.052
-15.0	1562.786	*502.959	173.363	25.742	0.052
-17.0	1501.173	*492.176	170.743	25.460	0.051
-19.5	1413.618	*476.838	166.975	25.065	0.051
-22.5	1293.540	455.766	161.734	24.530	0.050
-25.5	1157.693	431.865	155.720	23.930	0.048
-29.0	980.217	400.535	147.744	23.150	0.047
-33.0	859.860	360.387	137.396	22.158	0.045
-37.5	720.736	316.353	124.241	20.919	0.043
-42.5	550.056	276.648	107.843	19.400	0.040
-47.5	453.356	233.315	89.697	17.743	0.036
-55.0	309.997	169.717	69.715	15.025	0.031
-65.0	172.497	93.366	40.962	11.040	0.023
-75.0	68.729	39.531	18.899	6.748	0.014
-85.0	13.181	9.704	6.342	2.270	0.005
-90.0	0.026	0.019	0.013	0.005	0.000

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LUMEN TABULATION
Average Of Right And Left Sides
Total Luminaire Lumens (one side of beam only) = 10492.82
Total Field Lumens (one side of beam only) = 9867.79
* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	0	1	3	5	7	9	11	13	15	17
90	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04
85	0.30	0.59	0.59	0.59	0.58	0.58	0.57	0.55	0.54	0.66
75	1.08	2.16	2.15	2.13	2.11	2.08	2.04	2.00	1.95	2.36
65	3.48	6.95	6.88	6.77	6.63	6.46	6.26	6.03	5.78	6.82
55	6.64 *	13.22 *	13.05 *	12.79 *	12.46 *	12.05 *	11.57 *	11.03 *	10.42 *	12.12 *
47.5	7.52 *	14.96 *	14.77 *	14.50 *	14.13 *	13.69 *	13.16 *	12.56 *	11.89 *	13.86 *
42.5	10.14 *	20.19 *	19.96 *	19.64 *	19.21 *	18.68 *	18.05 *	17.34 *	16.54 *	19.41 *
37.5	11.18 *	22.26 *	22.04 *	21.73 *	21.31 *	20.81 *	20.22 *	19.51 *	18.68 *	22.08 *
33	11.34 *	22.57 *	22.35 *	22.04 *	21.65 *	21.16 *	20.60 *	19.93 *	19.19 *	22.89 *
29	10.91 *	21.70 *	21.47 *	21.16 *	20.75 *	20.27 *	19.72 *	19.11 *	18.47 *	22.14 *
25.5	10.02 *	19.92 *	19.71 *	19.41 *	19.05 *	18.61 *	18.11 *	17.55 *	16.97 *	20.33 *
22.5	10.56 *	20.99 *	20.76 *	20.45 *	20.06 *	19.60 *	19.09 *	18.55 *	17.96 *	21.50 *
19.5	9.15 *	18.18 *	17.97 *	17.70 *	17.36 *	16.98 *	16.58 *	16.13 *	15.63 *	18.73 *
17	7.51 *	14.91 *	14.73 *	14.50 *	14.23 *	13.95 *	13.65 *	13.29 *	12.87 *	15.45 *
15	7.68 *	15.24 *	15.03 *	14.77 *	14.50 *	14.22 *	13.93 *	13.58 *	13.17 *	15.80 *
13	7.85 *	15.56 *	15.32 *	15.04 *	14.76 *	14.48 *	14.17 *	13.82 *	13.42 *	16.11 *
11	8.02 *	15.87 *	15.59 *	15.30 *	15.03 *	14.73 *	14.39 *	14.02 *	13.62 *	16.38 *
9	8.18 *	16.14 *	15.84 *	15.55 *	15.27 *	14.95 *	14.58 *	14.19 *	13.78 *	16.58 *
7	8.33 *	16.38 *	16.06 *	15.79 *	15.49 *	15.14 *	14.75 *	14.34 *	13.91 *	16.75 *
5	8.39 *	16.53 *	16.24 *	15.97 *	15.65 *	15.28 *	14.88 *	14.46 *	14.01 *	16.87 *
3	8.38 *	16.59 *	16.38 *	16.10 *	15.76 *	15.38 *	14.97 *	14.53 *	14.08 *	16.94 *
1	4.19 *	8.31 *	8.22 *	8.08 *	7.90 *	7.71 *	7.50 *	7.28 *	7.05 *	8.49 *
0	4.19 *	8.31 *	8.22 *	8.08 *	7.90 *	7.71 *	7.50 *	7.28 *	7.05 *	8.49 *
-1	8.39 *	16.60 *	16.39 *	16.12 *	15.77 *	15.39 *	14.98 *	14.54 *	14.09 *	16.96 *

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LUMENS TABULATION - (Cont.)

-3	8.40 *	16.55 *	16.27 *	16.00 *	15.68 *	15.32 *	14.91 *	14.49 *	14.04 *	16.90 *
-5	8.34 *	16.42 *	16.10 *	15.83 *	15.53 *	15.18 *	14.80 *	14.39 *	13.95 *	16.80 *
-7	8.19 *	16.19 *	15.89 *	15.62 *	15.33 *	15.01 *	14.64 *	14.25 *	13.84 *	16.64 *
-9	8.04 *	15.92 *	15.66 *	15.37 *	15.10 *	14.80 *	14.46 *	14.09 *	13.69 *	16.45 *
-11	7.88 *	15.63 *	15.40 *	15.12 *	14.85 *	14.57 *	14.25 *	13.90 *	13.49 *	16.20 *
-13	7.72 *	15.32 *	15.12 *	14.86 *	14.59 *	14.31 *	14.02 *	13.67 *	13.25 *	15.90 *
-15	7.55 *	15.00 *	14.82 *	14.59 *	14.33 *	14.05 *	13.75 *	13.38 *	12.97 *	15.56 *
-17	9.20 *	18.29 *	18.09 *	17.82 *	17.49 *	17.12 *	16.71 *	16.26 *	15.76 *	18.89 *
-19.5	10.63 *	21.14 *	20.92 *	20.61 *	20.23 *	19.78 *	19.28 *	18.74 *	18.13 *	21.71 *
-22.5	10.09 *	20.08 *	19.87 *	19.59 *	19.23 *	18.80 *	18.31 *	17.76 *	17.17 *	20.56 *
-25.5	11.00 *	21.89 *	21.68 *	21.37 *	20.98 *	20.51 *	19.96 *	19.36 *	18.72 *	22.42 *
-29	11.45 *	22.80 *	22.60 *	22.29 *	21.90 *	21.43 *	20.87 *	20.21 *	19.47 *	23.23 *
-33	11.31 *	22.53 *	22.32 *	22.01 *	21.61 *	21.12 *	20.53 *	19.83 *	19.02 *	22.51 *
-37.5	10.30 *	20.50 *	20.30 *	19.98 *	19.56 *	19.04 *	18.43 *	17.73 *	16.93 *	19.91 *
-42.5	7.69 *	15.29 *	15.11 *	14.85 *	14.49 *	14.05 *	13.53 *	12.93 *	12.27 *	14.33 *
-47.5	6.86 *	13.65 *	13.49 *	13.23 *	12.91 *	12.50 *	12.03 *	11.48 *	10.87 *	12.67 *
-55	3.65	7.29	7.22	7.10	6.96	6.79	6.59	6.35	6.08	7.18
-65	1.13	2.26	2.26	2.24	2.21	2.18	2.14	2.10	2.05	2.47
-75	0.32	0.63	0.63	0.63	0.62	0.61	0.60	0.59	0.58	0.70
-85	0.02	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
-90										
Total	323.22	641.59	633.55	623.40	611.22	597.16	581.14	563.21	543.45	648.85

Vert. Angles	**Horizontal Angles**									
	19.5	**22.5**	**25.5**	**29**	**33**	**37.5**	**42.5**	**47.5**	**55**	**65**
90	0.05	0.04	0.05	0.05	0.05	0.05	0.04	0.05	0.04	0.02
85	0.76	0.72	0.78	0.81	0.80	0.74	0.59	0.64	0.48	0.19
75	2.70	2.54	2.73	2.78	2.66	2.40	1.86	1.93	1.36	0.48
65	7.54	6.77	6.87	6.67	6.23	5.36	3.99	4.02	2.70	0.93
55	13.18 *	11.63 *	11.52 *	10.64	9.37	7.56	5.23	5.00	3.18	1.05

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LUMENS TABULATION - (Cont.)

47.5	15.10 *	13.38 *	13.31 *	12.27 *	10.46 *	8.10	5.28	4.60	2.76	0.89
42.5	21.33 *	19.08 *	19.25 *	18.04 *	15.44 *	11.84 *	7.52	6.17	3.41	1.04
37.5	24.52 *	22.19 *	22.70 *	21.56 *	18.74 *	14.54 *	9.15 *	7.24	3.73	1.07
33	25.67 *	23.45 *	24.29 *	23.39 *	20.60 *	16.23 *	10.26 *	7.89	3.83	1.06
29	24.98 *	23.02 *	24.09 *	23.47 *	20.96 *	16.74 *	10.75 *	8.27 *	3.84	1.01
25.5	22.98 *	21.30 *	22.43 *	22.07 *	19.96 *	16.17 *	10.53 *	8.14 *	3.71	0.92
22.5	24.28 *	22.51 *	23.84 *	23.66 *	21.60 *	17.70 *	11.62 *	9.01 *	4.05	0.96
19.5	21.15 *	19.59 *	20.79 *	20.75 *	19.11 *	15.80 *	10.44 *	8.12 *	3.61	0.83
17	17.47 *	16.17 *	17.15 *	17.18 *	15.94 *	13.26 *	8.82 *	6.88 *	3.03	0.68
15	17.88 *	16.57 *	17.56 *	17.64 *	16.44 *	13.73 *	9.20 *	7.19 *	3.13	0.70
13	18.25 *	16.93 *	17.93 *	18.03 *	16.85 *	14.14 *	9.53 *	7.46 *	3.23	0.71
11	18.56 *	17.23 *	18.26 *	18.36 *	17.19 *	14.49 *	9.82 *	7.70 *	3.30	0.72
9	18.81 *	17.47 *	18.53 *	18.62 *	17.46 *	14.77 *	10.06 *	7.89 *	3.37	0.73
7	19.01 *	17.66 *	18.74 *	18.83 *	17.68 *	15.00 *	10.24 *	8.05 *	3.42	0.73
5	19.16 *	17.80 *	18.90 *	18.98 *	17.83 *	15.17 *	10.38 *	8.16 *	3.47	0.74
3	19.24 *	17.89 *	19.00 *	19.08 *	17.93 *	15.27 *	10.46 *	8.24 *	3.49	0.74
1	9.64 *	8.97 *	9.52 *	9.56 *	8.98 *	7.65 *	5.25 *	4.13 *	1.75	0.37
0	9.64 *	8.97 *	9.52 *	9.56 *	8.99 *	7.66 *	5.25 *	4.13 *	1.75	0.37
-1	19.26 *	17.91 *	19.02 *	19.10 *	17.94 *	15.28 *	10.47 *	8.25 *	3.50	0.74
-3	19.19 *	17.84 *	18.93 *	19.02 *	17.86 *	15.20 *	10.40 *	8.19 *	3.48	0.74
-5	19.06 *	17.71 *	18.79 *	18.88 *	17.72 *	15.04 *	10.28 *	8.08 *	3.44	0.74
-7	18.88 *	17.53 *	18.60 *	18.69 *	17.52 *	14.83 *	10.10 *	7.93 *	3.39	0.73
-9	18.64 *	17.31 *	18.34 *	18.44 *	17.26 *	14.56 *	9.88 *	7.75 *	3.33	0.72
-11	18.35 *	17.02 *	18.03 *	18.13 *	16.94 *	14.22 *	9.60 *	7.52 *	3.25	0.71
-13	18.00 *	16.68 *	17.68 *	17.74 *	16.54 *	13.83 *	9.28 *	7.26 *	3.16	0.70
-15	17.59 *	16.30 *	17.28 *	17.30 *	16.06 *	13.37 *	8.91 *	6.95 *	3.06	0.69
-17	21.33 *	19.76 *	20.96 *	20.92 *	19.28 *	15.96 *	10.57 *	8.23 *	3.66	0.84
-19.5	24.52 *	22.72 *	24.06 *	23.89 *	21.84 *	17.92 *	11.79 *	9.15 *	4.11	0.97

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LUMENS TABULATION - (Cont.)

-22.5	23.23 *	21.52 *	22.67 *	22.33 *	20.23 *	16.42 *	10.71 *	8.28 *	3.77	0.93
-25.5	25.29 *	23.31 *	24.41 *	23.81 *	21.30 *	17.05 *	10.97 *	8.44 *	3.91	1.02
-29	26.06 *	23.82 *	24.71 *	23.83 *	21.02 *	16.61 *	10.52 *	8.08 *	3.90	1.07
-33	25.02 *	22.66 *	23.20 *	22.07 *	19.22 *	14.95 *	9.42 *	7.44	3.81	1.08
-37.5	21.91 *	19.62 *	19.82 *	18.60 *	15.95 *	12.25 *	7.77 *	6.36	3.50	1.06
-42.5	15.66 *	13.89 *	13.84 *	12.77 *	10.89 *	8.43 *	5.48	4.75	2.84	0.90
-47.5	13.80 *	12.20 *	12.09 *	11.17 *	9.81	7.88	5.43	5.18	3.27	1.08
-55	7.95	7.15	7.26	7.03	6.54	5.60	4.15	4.17	2.78	0.95
-65	2.83	2.67	2.88	2.93	2.80	2.52	1.94	2.01	1.40	0.49
-75	0.80	0.76	0.82	0.86	0.84	0.78	0.61	0.66	0.49	0.19
-85	0.05	0.05	0.05	0.06	0.06	0.05	0.04	0.05	0.04	0.02
-90										
Total	729.31	670.32	701.22	689.57	628.86	517.11	344.59	275.63	130.71	33.32

Vert. Angles	**Horizontal Angles**		
	75	**85**	**90**	**Total**
90	0.01	0.00	0.78
85	0.04	0.00	12.10
75	0.10	0.00	41.59
65	0.17	0.00	113.32
55	0.18	0.00	193.89
47.5	0.15	0.00	217.34
42.5	0.17	0.00	302.45
37.5	0.17	0.00	345.44
33	0.17	0.00	360.57
29	0.16	0.00	352.98
25.5	0.14	0.00	328.02
22.5	0.15	0.00	348.90
19.5	0.12	0.00	304.72
17	0.10	0.00	251.76

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LUMENS TABULATION - (Cont.)

15			
	0.10	0.00	258.08
13			
	0.10	0.00	263.72
11			
	0.11	0.00	268.66
9			
	0.11	0.00	272.89
7			
	0.11	0.00	276.41
5			
	0.11	0.00	279.00
3			
	0.11	0.00	280.56
1			
	0.05	0.00	140.59
0			
	0.05	0.00	140.62
-1			
	0.11	0.00	280.82
-3			
	0.11	0.00	279.51
-5			
	0.11	0.00	277.18
-7			
	0.11	0.00	273.91
-9			
	0.11	0.00	269.90
-11			
	0.10	0.00	265.18
-13			
	0.10	0.00	259.75
-15			
	0.10	0.00	253.61
-17			
	0.13	0.00	307.27
-19.5			
	0.15	0.00	352.27
-22.5			
	0.14	0.00	331.70
-25.5			
	0.16	0.00	357.58
-29			
	0.17	0.00	366.06
-33			
	0.18	0.00	351.85
-37.5			
	0.17	0.00	309.69
-42.5			
	0.15	0.00	224.13
-47.5			
	0.18	0.00	201.78
-55			
	0.17	0.00	118.97
-65			
	0.10	0.00	43.62

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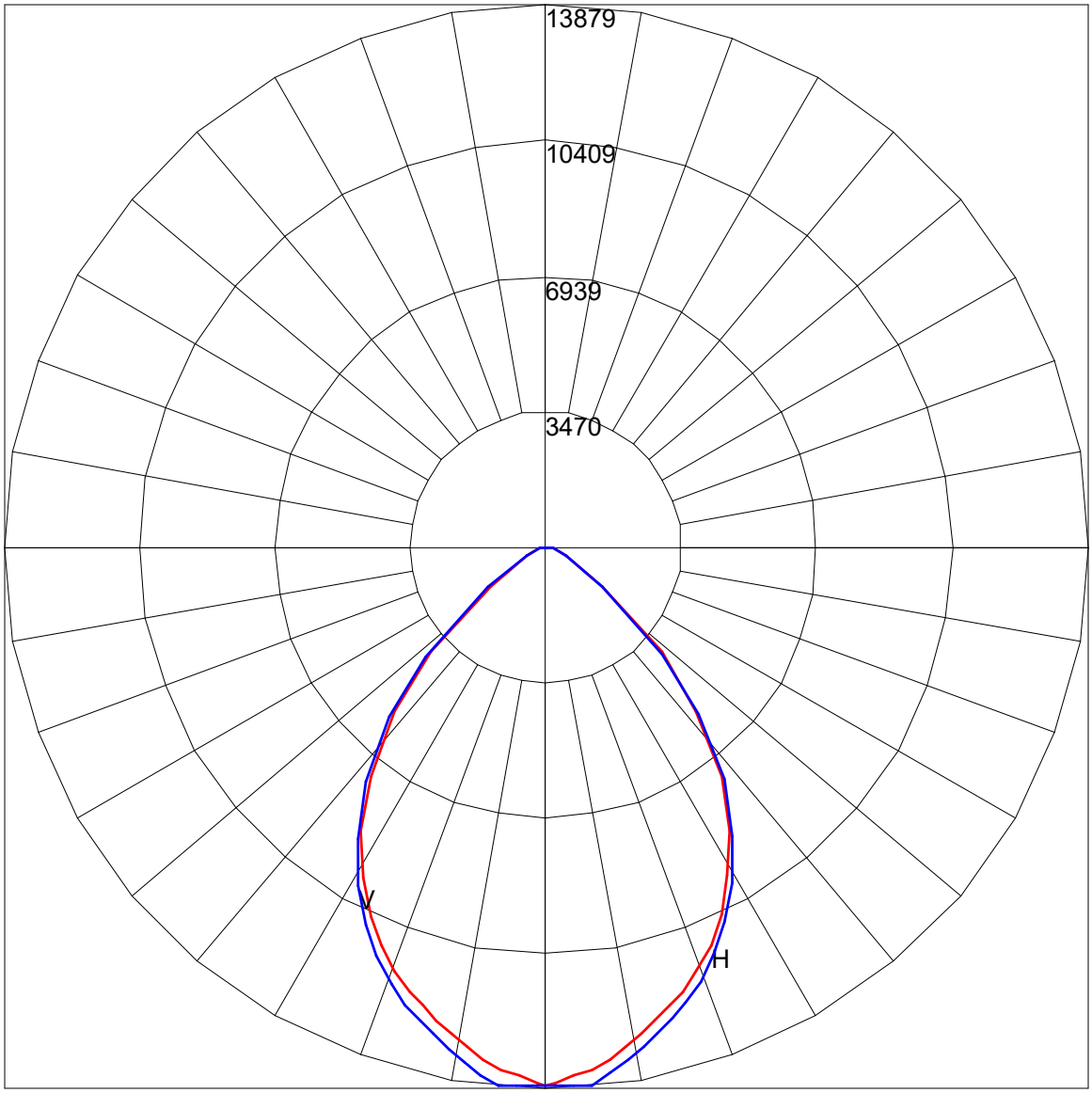
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LUMENS TABULATION - (Cont.)

-75			
	0.04	0.00	12.76
-85			
	0.01	0.00	0.86
-90			
Total	5.29	0.10	10492.81

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AXIAL CANDELA DISPLAY

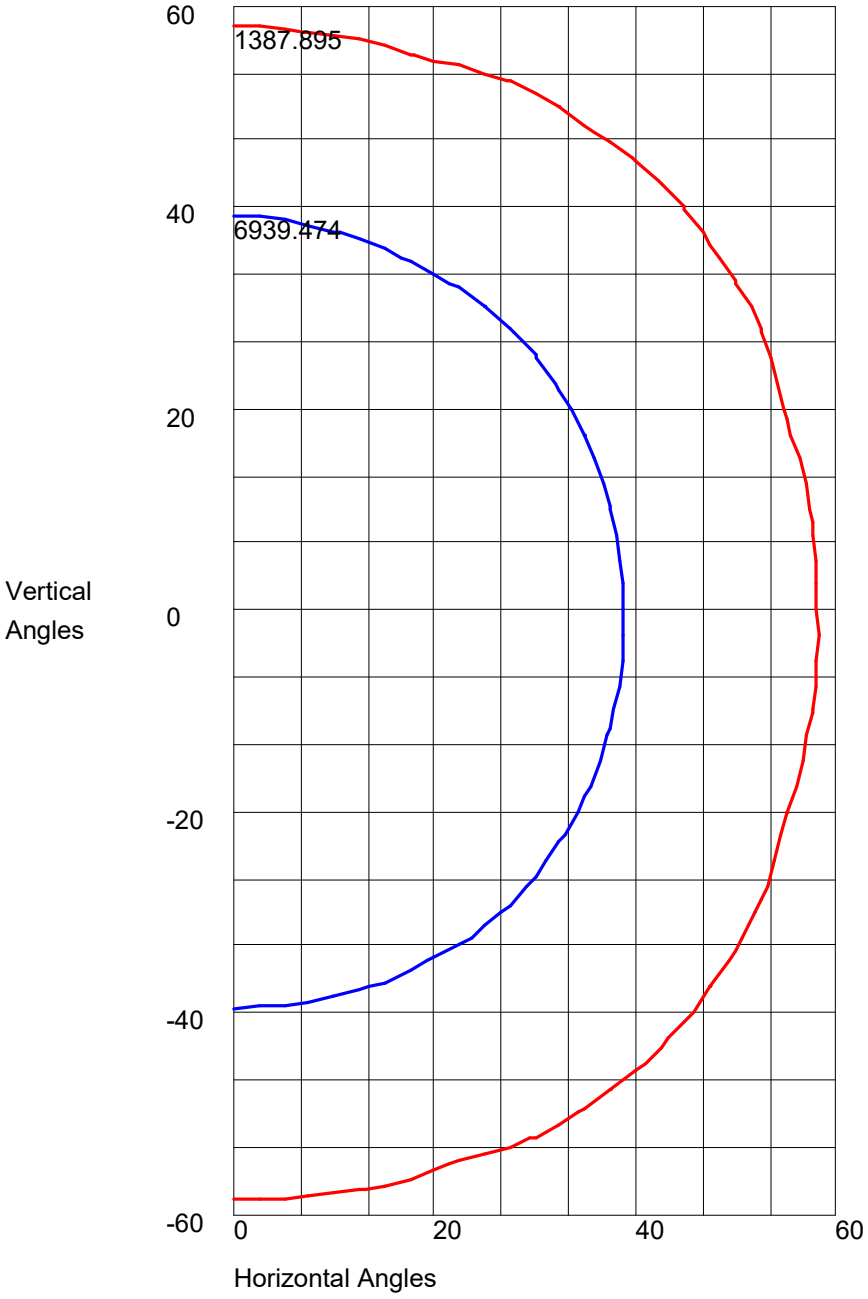


Maximum Candela = 13878.947 Located At Horizontal Angle = 0, Vertical Angle =-5
H - Horizontal Axial Candela
V - Vertical Axial Candela

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Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-150W-LED-90WF.IES

ISOCANDELA CURVES



Maximum Candela = 13878.947 Located At Horizontal Angle = 0, Vertical Angle =-5
50% Maximum Candela = 6939.4735
10% Maximum Candela = 1387.8947

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