



IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-10SP.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 194026
[TESTLAB] RADIANT IMAGING PROSOURCE
[TESTDATE] 2019-04-16
[ISSUEDATE] 2019-04-16
[MANUFAC] LARSON ELECTRONICS LLC
[LUMCAT] GAU-LTL-250W-LED-10SP
[LUMINAIRE] 250W 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	266838.807
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	32400 (1 lamp)
Total Lamp Lumens	32400
Beam Lumens	11628
Beam Efficiency	36 %
Field Lumens	24506
Field Efficiency	76 %
Spill Lumens	8128
Luminaire Lumens	32634
Total Efficiency	101 %
Total Luminaire Watts	250
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	140.94
47.5	.058	47.5	629.199
42.5	298.864	42.5	1426.092
37.5	1804.012	37.5	2170.851
33	3438.889	33	3305.411
29	6036.553	29	5506.564
25.5	9394.643	25.5	8328.08
22.5	14978.382	22.5	11458.525
19.5	21035.853	19.5	17174.418
17	29902.549	17	26476.216
15	39366.764	15	36793.556
13	56281.636	13	52748.988
11	83957.824	11	76438.228
9	121721.566	9	108544.886
7	167321.723	7	151787.178
5	210169.403	5	199189.893
3	244426.678	3	237941.384
1	265081.576	1	261242.746
0	266344.724	0	266344.724
-1	260452.077	-1	266838.807
-3	229529.803	-3	250988.858
-5	187977.568	-5	218846.245
-7	143234.348	-7	170764.356
-9	103255.185	-9	116921.099
-11	68274.821	-11	77830.293
-13	45025.484	-13	55046.298
-15	31770.189	-15	38511.682
-17	23281.154	-17	27754.185
-19.5	16414.228	-19.5	18282.958
-22.5	11238.04	-22.5	10555.551
-25.5	7559.479	-25.5	6422.987
-29	5027.4	-29	3515.326
-33	3137.897	-33	1671.658
-37.5	1995.598	-37.5	513.781
-42.5	1015.818	-42.5	2.829
-47.5	185.088	-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 = 266838.807

Beam Edge = 133419.4035 Cd (50% of Max.)

Field Edge = 26683.8807 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	0.027	0.730
47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.094	16.619	60.940
42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.135	23.716	112.429	318.285
37.5	0.000	0.000	0.000	0.000	0.000	0.029	14.338	140.418	415.769	655.054
33.0	0.000	0.000	0.000	0.000	0.000	1.217	66.528	362.915	665.373	1139.216
29.0	0.000	0.000	0.000	0.000	0.000	5.095	171.275	556.440	1115.143	1588.645
25.5	0.000	0.000	0.000	0.000	0.000	22.098	294.425	786.906	1471.804	2010.128
22.5	0.000	0.000	0.000	0.000	0.000	54.604	404.944	1074.576	1752.148	2318.830
19.5	0.000	0.000	0.000	0.000	0.000	84.682	494.258	1310.987	1980.930	2709.243
17.0	0.000	0.000	0.000	0.000	0.000	107.682	601.654	1487.864	2054.126	3270.512
15.0	0.000	0.000	0.000	0.000	0.000	127.302	698.462	1601.979	2125.487	3674.179
13.0	0.000	0.000	0.000	0.000	0.000	147.534	804.197	1694.327	2369.153	3981.211
11.0	0.000	0.000	0.000	0.000	0.005	169.490	871.924	1772.178	2635.854	4206.948
9.0	0.000	0.000	0.000	0.000	0.008	183.717	937.862	1838.386	2889.038	4468.714
7.0	0.000	0.000	0.000	0.000	0.009	193.159	985.473	1906.320	3028.263	4704.500
5.0	0.000	0.000	0.000	0.000	0.008	198.980	1009.578	1938.237	3123.799	4886.356
3.0	0.000	0.000	0.000	0.000	0.006	198.380	1020.736	1971.405	3160.336	4997.145
1.0	0.000	0.000	0.000	0.000	0.002	191.195	1020.132	1991.855	3155.741	5044.626
0.0	0.000	0.000	0.000	0.000	0.000	185.088	1015.818	1995.598	3137.897	5027.400
-1.0	0.000	0.000	0.000	0.000	0.000	177.613	992.740	1971.229	3115.098	4980.744
-3.0	0.000	0.000	0.000	0.000	0.000	158.211	939.984	1905.226	3046.474	4812.993
-5.0	0.000	0.000	0.000	0.000	0.000	133.942	879.709	1813.738	2957.747	4601.501
-7.0	0.000	0.000	0.000	0.000	0.000	106.081	813.455	1708.598	2844.635	4350.874
-9.0	0.000	0.000	0.000	0.000	0.000	80.363	726.694	1556.281	2721.029	4053.250
-11.0	0.000	0.000	0.000	0.000	0.000	58.275	627.466	1391.624	2555.614	3705.864
-13.0	0.000	0.000	0.000	0.000	0.000	37.116	531.202	1218.645	2381.063	3359.595
-15.0	0.000	0.000	0.000	0.000	0.000	21.927	398.354	1031.550	2158.386	3009.158
-17.0	0.000	0.000	0.000	0.000	0.000	11.509	277.411	832.910	1864.408	2692.546
-19.5	0.000	0.000	0.000	0.000	0.000	4.001	144.302	629.714	1453.593	2360.560
-22.5	0.000	0.000	0.000	0.000	0.000	0.558	35.377	465.009	992.144	1886.564
-25.5	0.000	0.000	0.000	0.000	0.000	0.017	5.131	239.628	577.902	1243.807
-29.0	0.000	0.000	0.000	0.000	0.000	0.000	0.122	61.227	278.717	623.379
-33.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.470	45.797	135.035
-37.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.474	0.973
-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									
	<u>-25.5</u>	<u>-22.5</u>	<u>-19.5</u>	<u>-17.0</u>	<u>-15.0</u>	<u>-13.0</u>	<u>-11.0</u>	<u>-9.0</u>	<u>-7.0</u>	<u>-5.0</u>
90.0	0.000	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	4.388	10.707	22.470	34.719	46.836	59.588	72.878	87.561	102.070	115.681
47.5	121.664	218.976	346.223	454.842	511.736	555.058	588.438	609.560	622.774	633.395
42.5	526.262	690.559	798.095	920.653	1028.242	1125.371	1199.079	1274.821	1336.191	1380.099
37.5	907.465	1234.311	1508.424	1685.340	1791.269	1874.904	1943.515	2016.320	2084.189	2125.712
33.0	1513.049	1787.491	2109.986	2384.093	2580.314	2711.177	2788.721	2868.660	2999.901	3132.259
29.0	2038.881	2529.358	2833.662	3201.540	3594.220	4002.796	4399.119	4728.246	5010.219	5237.348
25.5	2579.008	3164.270	3906.656	4548.644	5108.655	5712.180	6359.190	6943.750	7361.031	7727.704
22.5	3156.397	4010.322	4918.911	5836.914	6749.930	7579.002	8291.714	8902.692	9772.312	10512.293
19.5	3915.322	4918.317	6178.732	7696.730	8940.625	10110.310	11506.598	12999.706	14470.136	15672.045
17.0	4485.847	5793.432	7606.507	9621.197	11266.770	13172.175	15421.344	18069.610	20489.570	22754.624
15.0	5024.165	6547.559	8850.114	11252.636	13594.733	16211.237	19679.494	23469.017	27272.726	31077.870 *
13.0	5578.338	7273.231	10071.165	13172.545	16130.167	20168.306	25309.737	30562.385	36884.418	43703.748 *
11.0	6074.171	8067.364	11542.896	15202.026	19435.029	25061.567	31423.969	39882.432	49685.627	59678.597 *
9.0	6467.838	8859.362	13004.664	17581.487	22936.728	29540.205	39055.701	51270.820	66693.122	82331.745 *
7.0	6804.528	9691.765	14265.371	19833.554	25950.509	34621.611	47889.802	65956.340	88316.461	113464.372 *
5.0	7089.324	10387.702	15251.054	21588.631	28506.604	40099.296	57300.672	80842.574	112248.753	145284.088 *
3.0	7377.553	10915.133	16040.459	22820.032	30707.638	43910.547	64272.008	94253.299	131302.436	171104.919 *
1.0	7533.774	11196.016	16403.244	23408.125	31883.616	45504.453	68694.087	103340.029	143446.662	187905.337 *
0.0	7559.479	11238.040	16414.228	23281.154	31770.189	45025.484	68274.821	103255.185	143234.348	187977.568 *
-1.0	7463.954	11160.278	16382.713	23510.682	32264.172	45761.984	68847.484	104126.183	145817.066	191579.582 *
-3.0	7165.888	10808.329	15966.845	23071.094	31724.691	44844.790	6664.525	96134.632	136521.656	181111.123 *
-5.0	6729.339	10211.050	15096.440	21846.169	29849.660	42094.390	57914.370	82554.495	117106.930	156923.602 *
-7.0	6276.900	9383.514	14021.235	19945.891	27028.868	36912.197	49991.487	67715.930	90967.061	119969.281 *
-9.0	5748.873	8364.777	12698.228	17667.121	23573.337	31004.315	41773.133	54218.627	69114.907	84881.222 *
-11.0	5151.200	7319.663	11210.324	15199.381	20026.409	25848.578	32944.656	42793.778	52761.990	62583.747 *
-13.0	4685.792	6376.382	9574.837	13009.082	16500.894	21151.665	26418.763	32502.890	39667.314	46641.399 *
-15.0	4293.757	5594.274	7972.772	10870.522	13588.767	16749.727	20757.530	25098.321	29663.318	33670.681 *
-17.0	3831.439	4885.649	6480.161	8781.007	10924.522	13251.263	15827.528	18873.516	221884.197	24492.139
-19.5	3147.998	4196.035	5217.763	6426.073	7936.080	9631.712	11520.769	13342.923	14958.869	16320.696
-22.5	2504.372	3186.718	4074.289	4618.520	5280.054	6133.199	7168.654	8176.455	9109.317	9822.024
-25.5	1925.257	2401.385	2892.905	3374.937	3677.737	3954.074	4342.215	4908.809	5492.296	5938.476
-29.0	1115.481	1551.688	1857.789	2147.175	2390.251	2588.977	2743.173	2958.084	3154.088	3313.381
-33.0	342.440	609.325	886.913	1062.568	1150.659	1201.528	1329.618	1476.796	1585.282	1668.657
-37.5	22.675	78.659	137.428	183.150	210.514	282.148	363.624	446.216	514.025	531.492
-42.5	0.000	0.025	0.386	1.460	3.461	6.035	10.592	13.365	13.684	12.895
-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									
	<u>-3.0</u>	<u>-1.0</u>	<u>0.0</u>	<u>1.0</u>	<u>3.0</u>	<u>5.0</u>	<u>7.0</u>	<u>9.0</u>	<u>11.0</u>	<u>13.0</u>
90.0	0.000	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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55.0	131.169	137.682	140.940	134.499	121.625	100.163	80.876	61.214	42.044	24.930
47.5	637.853	634.417	629.199	610.280	565.364	512.324	452.742	394.557	336.349	272.069
42.5	1409.155	1423.896	1426.092	1405.367	1352.825	1283.754	1196.189	1088.752	963.075	836.919
37.5	2158.261	2171.337	2170.851	2166.024	2142.726	2101.148	2052.039	1966.701	1872.147	1775.099
33.0	3232.115	3298.466	3305.411	3317.024	3286.299	3218.166	3111.092	2998.820	2845.784	2680.857
29.0	5397.848	5497.538	5506.564	5525.992	5472.606	5330.909	5077.544	4718.207	4258.008	3939.639
25.5	8042.403	8261.470	8328.080	8316.946	8196.672	7945.056	7635.027	7256.546	6783.165	6183.516
22.5	11069.566	11388.118	11458.525	11481.707	11352.022	10987.939	10434.098	9719.859	9016.132	8289.582
19.5	16623.093	17127.413	17174.418	17192.690	16807.342	15965.860	14982.097	13825.949	12526.107	11088.135
17.0	24818.473	26274.596	26476.216	26520.735	25484.066	23655.729	21387.569	19184.807	16741.688	14597.580
15.0	34431.332	36549.357	36793.556	36842.033	35325.617	32610.340	29062.319	25121.287	21666.578	18336.894
13.0	48876.777	52359.075	52748.988	52761.702	49934.938	45051.258	39212.487	32931.781	27069.383	22797.373
11.0	68532.774	75465.682	76438.228	76900.649	72170.397	63970.695	53283.515	43861.936	34668.032	27521.371
9.0	97162.968	107818.674	108544.886	109699.067	102770.488	89452.702	73492.332	57135.450	44396.195	33672.696
7.0	135447.332	150849.955	151787.178	152996.094	141576.575	1221.136	9399.241	74581.346	54770.571	40505.086
5.0	175513.837	197131.407	199189.892	200321.303	184118.732	156891.664	124048.452	92694.846	66584.573	47337.963
3.0	206265.512	232201.212	237941.382	236062.662	216830.177	188195.788	148990.469	109380.667	76597.249	52743.345
1.0	225804.622	253824.932	261242.742	258331.512	238903.972	208152.222	15824.009	10889.792	73540.679	5123.436
0.0	229529.802	260452.072	266344.722	265081.572	244426.678	210169.408	167321.728	121721.568	83957.824	56281.636
-1.0	230164.672	259456.692	266838.802	264181.452	244251.472	211709.343	167683.282	1109.448	73605.558	56434.698
-3.0	218800.632	246173.522	250988.852	248038.432	230078.465	197798.128	152991.757	109537.327	7164.933	53451.597
-5.0	191428.622	215957.692	218846.242	218639.682	200836.986	170098.128	129461.493	85505.561	68398.940	47896.679
-7.0	146840.602	168078.177	170764.356	170989.661	154348.843	128840.639	100456.107	6837.686	57297.616	41226.661
-9.0	101623.986	115391.372	116921.099	116872.589	105680.019	90831.766	76054.714	60695.268	47083.293	34949.075
-11.0	70835.597	77096.279	77830.293	78169.051	73834.207	66941.409	57207.469	47351.828	37511.962	28725.483
-13.0	51563.192	54801.595	55046.298	55408.722	53127.327	48534.655	41869.297	35166.854	28666.868	22879.127
-15.0	36704.511	38479.159	38511.682	38611.616	37052.297	34110.374	30542.702	26374.058	22170.663	18425.640
-17.0	26527.184	27728.490	27754.185	27816.189	26814.284	25037.742	22814.867	20176.059	17350.045	14797.258
-19.5	17504.564	18173.112	18282.958	18336.929	18006.198	17155.344	15943.847	14282.273	12449.472	10700.358
-22.5	10352.286	10580.177	10555.551	10636.134	10513.290	10069.284	9508.005	8755.982	7953.117	7076.383
-25.5	6256.643	6405.912	6422.987	6477.117	6475.760	6321.660	6062.141	5695.710	5101.843	4459.034
-29.0	3429.935	3505.970	3515.326	3544.836	3539.805	3476.741	3342.266	3161.340	2975.572	2732.281
-33.0	1702.327	1696.212	1671.658	1711.992	1749.500	1746.751	1693.525	1614.281	1453.148	1279.721
-37.5	538.371	526.237	513.781	521.802	525.106	509.507	483.477	413.887	333.176	250.930
-42.5	9.890	5.398	2.829	2.918	2.784	2.155	0.942	0.587	0.332	0.041
-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**

	<u>15.0</u>	<u>17.0</u>	<u>19.5</u>	<u>22.5</u>	<u>25.5</u>	<u>29.0</u>	<u>33.0</u>	<u>37.5</u>	<u>42.5</u>	<u>47.5</u>
90.0	0.000	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	13.555	5.058	0.451	0.032	0.005	0.000	0.000	0.000	0.000	0.000
47.5	206.938	138.819	89.644	50.953	34.213	18.918	2.287	0.000	0.000	0.000
42.5	707.705	592.654	458.683	302.408	176.611	64.523	6.618	0.007	0.000	0.000
37.5	1645.737	1467.204	1214.363	906.816	577.141	282.217	103.676	8.023	0.004	0.000
33.0	2490.052	2280.748	1980.620	1519.104	1107.004	779.574	300.154	69.288	1.301	0.000
29.0	3676.563	3422.181	3052.445	2461.515	1837.523	1148.667	683.054	175.833	10.912	0.003
25.5	5455.231	4695.007	3974.474	3433.111	2688.286	1773.861	1012.572	347.611	24.334	0.000

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-10SP.IES

CANDELA TABULATION - (Cont.)

22.5	7588.905	6661.865	5378.356	4147.315	3363.948	2335.301	1331.129	545.805	46.876	0.032
19.5	9792.042	8701.288	7309.857	5335.547	4037.000	2881.554	1717.101	808.545	107.696	0.295
17.0	12569.187	10614.249	8764.299	6590.277	4691.384	3351.519	2005.348	1011.795	155.854	0.966
15.0	15476.727	12886.460	10148.350	7619.989	5338.642	3770.351	2229.597	1119.846	186.300	1.798
13.0	18827.000	15465.538	11875.648	8576.245	6038.423	4126.506	2494.504	1222.857	215.487	3.063
11.0	22602.771	18226.500	13942.534	9721.791	6739.771	4437.910	2737.433	1336.721	248.392	4.596
9.0	26453.522	21138.227	16039.097	10944.356	7459.331	4803.482	2967.432	1469.954	280.622	5.154
7.0	30652.590	23767.567	17838.276	12148.167	8077.365	5186.757	3146.719	1605.597	302.329	5.456
5.0	34423.307	26237.449	19170.517	13259.067	8584.837	5535.957	3296.662	1684.535	321.049	5.091
3.0	37453.251	28334.487	20251.243	14177.774	9052.435	5804.076	3389.956	1755.830	323.503	3.554
1.0	39245.557	29727.581	20902.391	14803.018	9330.333	5995.339	3438.383	1796.469	310.673	1.304
0.0	39366.764	29902.549	21035.853	14978.382	9394.643	6036.553	3438.889	1804.012	298.864	0.058
-1.0	39197.039	29702.247	20867.258	14720.554	9300.593	5951.682	3393.462	1769.245	294.679	0.056
-3.0	37301.483	28274.688	20118.495	13943.793	8967.668	5671.571	3261.287	1673.187	276.650	0.049
-5.0	34153.621	26183.793	18860.303	12910.186	8458.109	5310.785	3100.159	1543.594	246.697	0.035
-7.0	30601.129	23720.043	17222.440	11719.159	7886.045	4862.656	2908.574	1403.160	205.996	0.016
-9.0	26728.190	20975.271	15220.999	10486.422	7181.750	4346.257	2712.952	1189.517	163.601	0.004
-11.0	22564.319	17894.427	13320.227	9312.859	6313.078	3783.023	2451.547	968.221	114.324	0.003
-13.0	18644.606	15148.062	11458.101	8079.051	5418.473	3300.135	2175.146	770.345	67.450	0.001
-15.0	15481.346	12668.730	9701.801	6858.776	4578.898	2910.394	1851.796	585.216	36.237	0.000
-17.0	12479.710	10347.936	7941.975	5585.861	3766.849	2571.611	1544.832	471.761	12.707	0.000
-19.5	9186.784	7681.041	5993.844	4235.474	2903.225	2162.841	1135.123	345.580	2.150	0.000
-22.5	6183.447	5145.700	4034.561	2843.964	2240.419	1645.510	632.114	172.456	0.084	0.000
-25.5	3871.757	3320.467	2659.287	2086.293	1724.015	975.972	336.123	37.793	0.003	0.000
-29.0	2425.568	2098.768	1762.239	1417.218	886.817	385.110	107.332	1.077	0.000	0.000
-33.0	1125.681	976.029	748.295	442.588	203.578	53.854	3.379	0.002	0.000	0.000
-37.5	168.912	117.736	63.740	25.931	5.738	0.149	0.000	0.000	0.000	0.000
-42.5	0.018	0.127	0.049	0.002	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**

	<u>55.0</u>	<u>65.0</u>	<u>75.0</u>	<u>85.0</u>	<u>90.0</u>
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

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-10SP.IES

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

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-10SP.IES

LUMEN TABULATION

Average Of Right And Left Sides

Total Luminaire Lumens (one side of beam only) = 16317.2

Total Field Lumens (one side of beam only) = 12253.11

* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	<u>0</u>	<u>1</u>	<u>3</u>	<u>5</u>	<u>7</u>	<u>9</u>	<u>11</u>	<u>13</u>	<u>15</u>	<u>17</u>
90										
85	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.21	0.40	0.36	0.30	0.25	0.20	0.15	0.11	0.07	0.06
47.5	0.87	1.70	1.61	1.49	1.36	1.23	1.09	0.94	0.78	0.74
42.5	1.56	3.06	2.95	2.81	2.63	2.42	2.19	1.94	1.67	1.72
37.5	2.73	5.41	5.30	5.13	4.91	4.62	4.32	3.98	3.60	3.91
33	3.75	7.46	7.31	7.10	6.82	6.51	6.20	5.84	5.38	5.95
29	5.37	10.66	10.42	10.03	9.51	8.88	8.23	7.59	6.92	7.69
25.5	7.37	14.57	14.18	13.60	12.86	11.93	10.86	9.74	8.63	9.38
22.5	9.03	17.83	17.28	16.44	15.39	14.24	13.01	11.67	10.24	10.83
19.5	13.07	25.81	24.84	23.36	21.52	19.53	17.52	15.55	13.61	14.29
17	16.60	32.51	30.72	28.28	25.53	22.55	19.58	16.91	14.49	15.03
15	19.25 *	37.48 *	34.97 *	31.55	27.76	23.90	20.23	17.03	14.24	14.42
13	27.23 *	52.83 *	48.77 *	43.15 *	36.88 *	30.87 *	25.51	20.92	17.10	16.94
11	39.28 *	75.65 *	68.66 *	59.29 *	49.21 *	39.85 *	31.88 *	25.50	20.36	19.80
9	56.34 *	108.15 *	96.64 *	81.58 *	65.65 *	51.25 *	39.53 *	30.62 *	23.95	22.90
7	79.35 *	151.95 *	134.22 *	110.78 *	86.55 *	65.25 *	48.33 *	36.11 *	27.57	25.94
5	106.86 *	203.65 *	178.29 *	145.09 *	110.87 *	81.09 *	57.97 *	41.69 *	30.88 *	28.56
3	132.50 *	250.91 *	219.42 *	178.44 *	134.80 *	96.28 *	66.87 *	46.58 *	33.68 *	30.68
1	150.69 *	284.36 *	249.65 *	203.71 *	153.45 *	108.14 *	73.20 *	49.89 *	35.66 *	32.16
0	79.69 *	150.41 *	131.64 *	107.09 *	80.62 *	56.52 *	37.79 *	25.51 *	18.20 *	16.37
-1	80.55 *	152.02 *	132.92 *	107.96 *	81.01 *	56.61 *	37.85 *	25.57 *	18.23 *	16.37
	156.38 *	295.46 *	259.12 *	209.81 *	155.93 *	108.77 *	73.71 *	50.39 *	35.88 *	32.16

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-10SP.IES

LUMENS TABULATION - (Cont.)

-3	142.29 *	269.40 *	235.05 *	188.12 *	138.42 *	97.47 *	68.00 *	47.48 *	34.02 *	30.63
-5	118.25 *	223.31 *	192.84 *	153.56 *	114.41 *	83.13 *	59.85 *	42.82 *	31.23 *	28.37
-7	87.32 *	164.36 *	141.75 *	115.28 *	89.90 *	68.34 *	50.69 *	37.24 *	27.85	25.58
-9	59.17 *	112.56 *	99.85 *	84.88 *	69.41 *	54.65 *	41.69 *	31.54 *	24.10	22.45
-11	40.45 *	78.36 *	72.02 *	63.04 *	52.68 *	42.50 *	33.39 *	26.06	20.35	19.31
-13	28.51 *	55.67 *	51.87 *	46.15 *	39.35 *	32.57 *	26.40	21.19	16.97	16.34
-15	20.19 *	39.53 *	37.13 *	33.66 *	29.47	24.99	20.76	17.10	13.93	13.52
-17	17.53	34.42	32.64	30.03	26.82	23.21	19.65	16.42	13.50	13.30
-19.5	13.18	26.05	25.01	23.38	21.28	18.82	16.23	13.77	11.52	11.71
-22.5	7.77	15.46	14.98	14.16	13.06	11.72	10.32	9.01	7.79	8.17
-25.5	5.31	10.56	10.30	9.83	9.18	8.37	7.53	6.75	5.97	6.36
-29	3.17	6.36	6.27	6.05	5.73	5.31	4.86	4.40	3.92	4.17
-33	1.51	3.07	3.07	2.98	2.79	2.51	2.18	1.89	1.65	1.70
-37.5	0.40	0.81	0.81	0.78	0.71	0.59	0.46	0.34	0.25	0.23
-42.5	0.00	0.01	0.01	0.01	0.01	0.01	0.01	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	1533.74	2922.19	2592.88	2158.92	1696.71	1284.83	958.03	720.07	554.19	527.73

Vert. Horizontal Angles

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	0.04	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.59	0.35	0.21	0.10	0.02	0.00	0.00	0.00	0.00	0.00

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-10SP.IES

LUMENS TABULATION - (Cont.)

47.5	1.58	1.11	0.78	0.39	0.11	0.02	0.00	0.00	0.00	0.00
42.5	3.79	2.78	2.08	1.28	0.57	0.14	0.01	0.00	0.00	0.00
37.5	5.88	4.49	3.71	2.55	1.30	0.43	0.05	0.00	0.00	0.00
33	7.79	6.17	5.28	3.87	2.20	0.82	0.14	0.00	0.00	0.00
29	9.46	7.57	6.49	4.94	3.01	1.21	0.25	0.02	0.00	0.00
25.5	10.54	8.31	7.19	5.48	3.49	1.54	0.34	0.04	0.00	0.00
22.5	13.50	10.29	8.78	6.67	4.42	2.10	0.48	0.07	0.00	0.00
19.5	13.99	10.37	8.69	6.52	4.33	2.18	0.52	0.09	0.00	0.00
17	13.21	9.62	7.96	5.87	3.82	2.00	0.51	0.08	0.00	0.00
15	15.13	10.85	8.89	6.47	4.16	2.20	0.59	0.10	0.00	0.00
13	17.29	12.12	9.76	7.05	4.55	2.38	0.66	0.12	0.00	0.00
11	19.65	13.43	10.58	7.61	4.94	2.55	0.73	0.13	0.00	0.00
9	21.92	14.70	11.37	8.14	5.27	2.72	0.78	0.14	0.00	0.00
7	23.89	15.87	12.05	8.59	5.52	2.84	0.81	0.14	0.00	0.00
5	25.48	16.87	12.63	8.93	5.69	2.92	0.83	0.15	0.00	0.00
3	26.59	17.61	13.06	9.13	5.78	2.97	0.83	0.14	0.00	0.00
1	13.54	8.98	6.62	4.60	2.90	1.49	0.41	0.07	0.00	0.00
0	13.52	8.95	6.60	4.58	2.89	1.48	0.40	0.06	0.00	0.00
-1	26.44	17.43	12.87	8.94	5.63	2.86	0.76	0.12	0.00	0.00
-3	25.15	16.53	12.25	8.55	5.40	2.71	0.71	0.10	0.00	0.00
-5	23.34	15.35	11.49	8.08	5.11	2.51	0.64	0.09	0.00	0.00
-7	21.14	13.99	10.59	7.52	4.77	2.26	0.56	0.07	0.00	0.00
-9	18.75	12.50	9.54	6.87	4.35	1.96	0.48	0.05	0.00	0.00
-11	16.35	10.99	8.46	6.19	3.89	1.66	0.39	0.03	0.00	0.00
-13	13.99	9.58	7.48	5.52	3.41	1.35	0.29	0.02	0.00	0.00
-15	11.73	8.22	6.55	4.86	2.89	1.06	0.20	0.01	0.00	0.00
-17	11.87	8.49	6.94	5.15	2.90	0.99	0.15	0.01	0.00	0.00
-19.5	10.81	7.91	6.70	4.80	2.44	0.78	0.08	0.00	0.00	0.00

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-10SP.IES

LUMENS TABULATION - (Cont.)

-22.5	7.73	5.92	5.03	3.25	1.45	0.42	0.02	0.00	0.00	0.00
-25.5	6.21	4.79	3.68	2.07	0.80	0.18	0.00	0.00	0.00	0.00
-29	3.96	2.74	1.77	0.85	0.28	0.04	0.00	0.00	0.00	0.00
-33	1.44	0.81	0.41	0.14	0.03	0.00	0.00	0.00	0.00	0.00
-37.5	0.16	0.07	0.02	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	456.44	315.77	246.55	175.55	108.32	50.80	12.62	1.86	0.00	0.00

Vert. Angles	Horizontal Angles			
	<u>75</u>	<u>85</u>	<u>90</u>	<u>Total</u>
90	0.00	0.00	0.00	
85	0.00	0.00	0.00	
75	0.00	0.00	0.00	
65	0.00	0.00	2.16	
55	0.00	0.00	13.07	
47.5	0.00	0.00	26.93	
42.5	0.00	0.00	54.56	
37.5	0.00	0.00	80.73	
33	0.00	0.00	111.60	
29	0.00	0.00	146.08	
25.5	0.00	0.00	172.90	
22.5	0.00	0.00	235.39	
19.5	0.00	0.00	268.90	
17	0.00	0.00	283.89	

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-10SP.IES

LUMENS TABULATION - (Cont.)

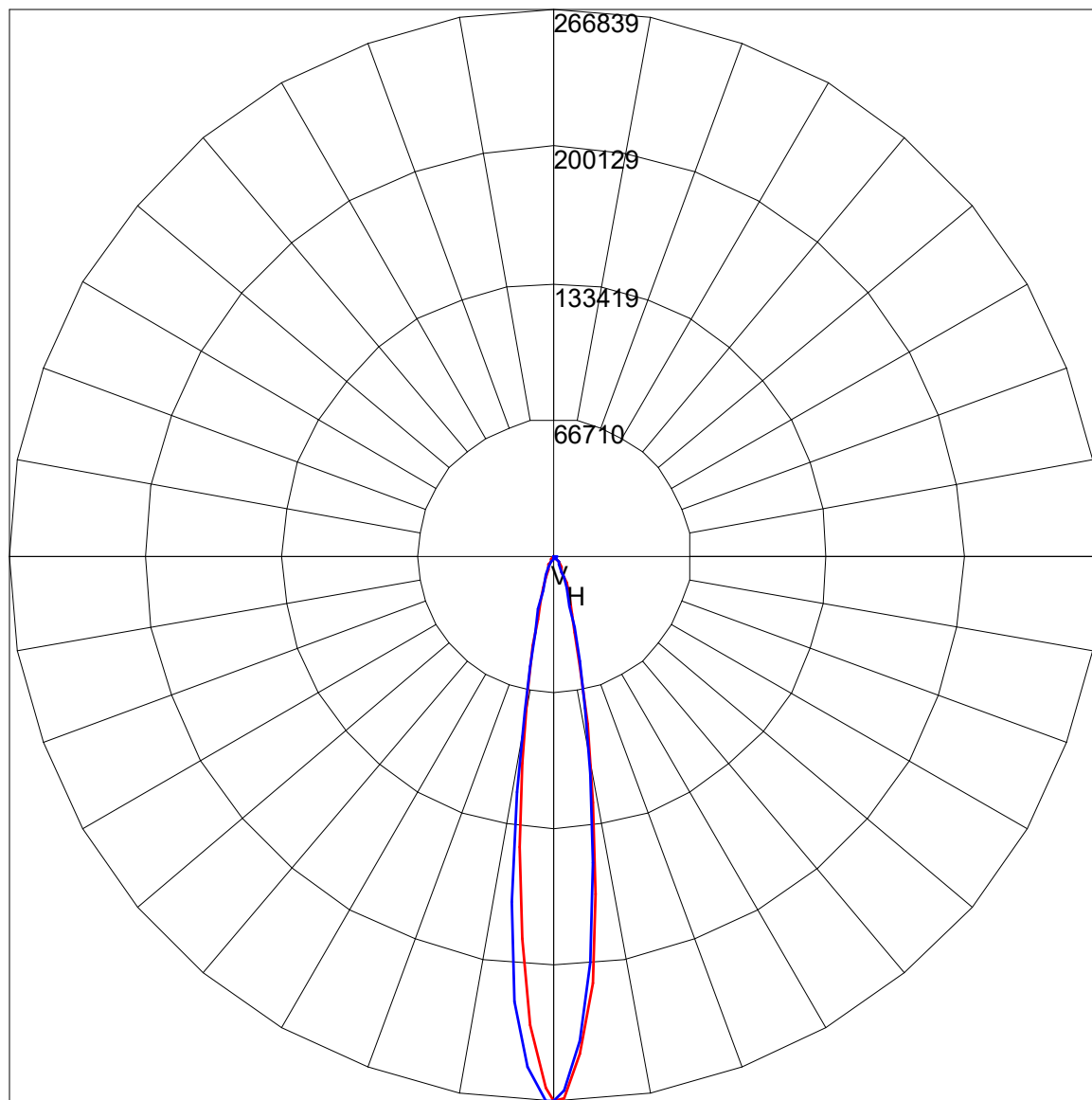
15	0.00	0.00	368.59
13	0.00	0.00	483.41
11	0.00	0.00	636.22
9	0.00	0.00	831.09
7	0.00	0.00	1054.65
5	0.00	0.00	1263.63
3	0.00	0.00	1417.01
1	0.00	0.00	742.44
0	0.00	0.00	747.58
-1	0.00	0.00	1452.66
-3	0.00	0.00	1322.29
-5	0.00	0.00	1114.37
-7	0.00	0.00	869.21
-9	0.00	0.00	654.80
-11	0.00	0.00	496.14
-13	0.00	0.00	376.67
-15	0.00	0.00	285.82
-17	0.00	0.00	264.03
-19.5	0.00	0.00	214.48
-22.5	0.00	0.00	136.25
-25.5	0.00	0.00	97.89
-29	0.00	0.00	59.88
-33	0.00	0.00	26.17
-37.5	0.00	0.00	5.64
-42.5	0.00	0.00	0.07
-47.5	0.00	0.00	0.00
-55	0.00	0.00	0.00
-65	0.00	0.00	0.00

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-10SP.IES

LUMENS TABULATION - (Cont.)

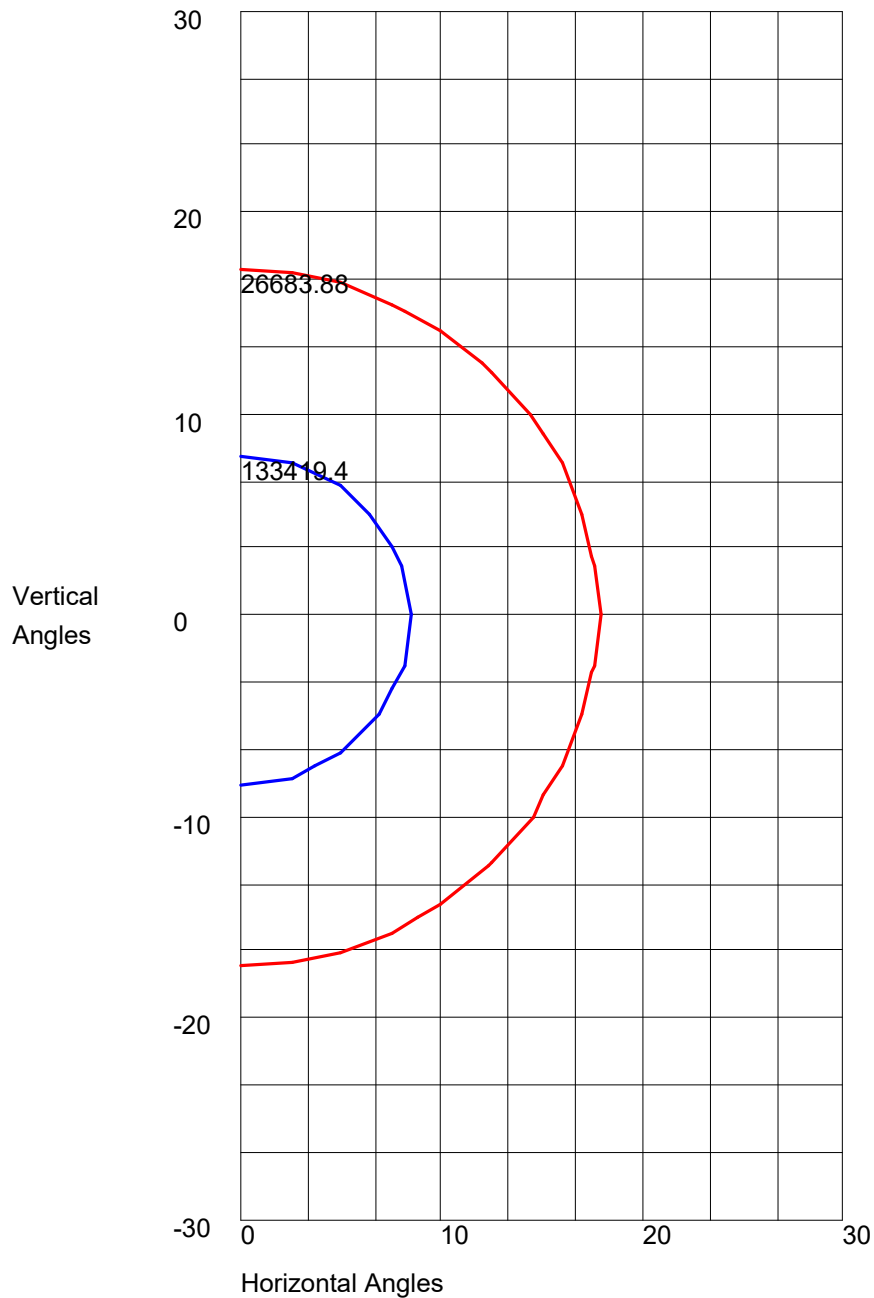
-75	0.00	0.00	0.00
-85	0.00	0.00	0.00
-90			
Total	0.00	0.00	16317.2

AXIAL CANDELA DISPLAY



Maximum Candela = 266838.807 Located At Horizontal Angle = 0, Vertical Angle = -1
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 266838.807 Located At Horizontal Angle = 0, Vertical Angle = -1
50% Maximum Candela = 133419.4035
10% Maximum Candela = 26683.8807



IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-24WS.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 194027
[TESTLAB] RADIANT IMAGING PROSOURCE
[TESTDATE] 2019-04-16
[ISSUEDATE] 2019-04-16
[MANUFAC] LARSON ELECTRONICS LLC
[LUMCAT] GAU-LTL-250W-LED-24WS
[LUMINAIRE] 250W 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	107957.557
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	32400 (1 lamp)
Total Lamp Lumens	32400
Beam Lumens	9963
Beam Efficiency	31 %
Field Lumens	20987
Field Efficiency	65 %
Spill Lumens	9226
Luminaire Lumens	30213
Total Efficiency	93 %
Total Luminaire Watts	250
Ballast Factor	1.00



IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-24WS.IES

AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	34.257	90	23.918
85	71.293	85	66.057
75	240.177	75	230.972
65	544.891	65	535.721
55	1151.474	55	1326.213
47.5	2151.246	47.5	2279.732
42.5	3107.113	42.5	3275.405
37.5	4276.472	37.5	4448.685
33	5663.924	33	5844.075
29	7531.594	29	7800.005
25.5	10064.817	25.5	10502.654
22.5	14450.774	22.5	15139.623
19.5	20199.589	19.5	21203.183
17	28823.33	17	30266.609
15	35722.322	15	37517.349
13	47446.372	13	50070.87
11	59170.422	11	62624.391
9	71107.024	9	75174.671
7	83256.178	7	87721.712
5	95405.332	5	100268.752
3	100426.222	3	103344.274
1	105447.112	1	106419.796
0	107957.557	0	107957.557
-1	105333.708	-1	105244.928
-3	100086.009	-3	99819.671
-5	94838.311	-5	94394.414
-7	82571.217	-7	80916.811
-9	70304.123	-9	67439.208
-11	58316.975	-11	54967.404
-13	46609.774	-13	43501.397
-15	34902.572	-15	32035.391
-17	28201.485	-17	25855.445
-19.5	19825.127	-19.5	18130.512
-22.5	14261.388	-22.5	13134.15
-25.5	10013.883	-25.5	9357.693
-29	7500.619	-29	7082.124
-33	5636.512	-33	5382.552
-37.5	4275.824	-37.5	4107.176
-42.5	3113.043	-42.5	2980.895
-47.5	2129.553	-47.5	2040.255
-55	1120.822	-55	1156.366
-65	525.742	-65	470.984
-75	227.745	-75	207.996
-85	61.824	-85	59.281
-90	27.047	-90	28.575

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-24WS.IES

CANDELA TABULATION

Maximum Candela = 107957.557

Beam Edge = 53978.7785 Cd (50% of Max.)

Field Edge = 10795.7557 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	26.977	26.949	26.891	26.833	26.840	26.892	26.927	26.962	26.992	26.910
85.0	26.983	29.964	35.778	41.232	46.454	50.270	52.640	54.845	56.674	58.195
75.0	26.995	35.918	53.344	80.344	115.602	140.411	161.440	180.978	197.121	210.104
65.0	27.006	41.605	80.050	142.352	224.913	296.732	352.490	410.154	458.350	496.391
55.0	27.017	46.855	112.849	219.708	358.060	483.179	563.474	666.955	748.721	816.287
47.5	27.024	50.410	135.284	280.972	466.697	650.941	786.880	993.642	1168.838	1357.075
42.5	27.028	52.563	153.706	321.495	536.843	780.665	1029.774	1298.222	1587.838	1831.858
37.5	27.032	54.523	170.335	358.336	634.784	980.767	1292.514	1680.454	2095.255	2478.416
33.0	27.035	56.110	183.657	392.839	713.559	1146.098	1578.530	2092.388	2607.487	3152.619
29.0	27.038	57.371	194.120	422.444	778.990	1325.422	1815.762	2475.493	3153.842	3790.574
25.5	27.040	58.354	202.168	445.617	860.496	1481.326	2076.699	2822.032	3612.198	4310.608
22.5	27.041	59.104	208.221	463.338	922.093	1600.784	2277.328	3131.015	3988.642	4745.198
19.5	27.043	59.766	213.479	478.997	975.768	1706.294	2455.018	3408.094	4330.637	5230.458
17.0	27.044	60.250	217.244	490.413	1014.279	1795.438	2584.479	3612.480	4581.752	5713.507
15.0	27.044	60.591	219.849	498.447	1040.938	1873.772	2698.716	3757.788	4760.003	6052.195
13.0	27.045	60.891	222.090	505.481	1063.862	1942.055	2807.179	3894.107	4916.826	6350.346
11.0	27.045	61.791	223.965	511.499	1083.019	2000.068	2899.953	4010.718	5113.675	6605.489
9.0	27.046	61.797	225.475	516.482	1098.391	2047.630	2976.581	4106.947	5301.362	6815.424
7.0	27.046	61.803	226.618	520.416	1109.970	2084.599	3036.674	4182.228	5448.567	7061.559
5.0	27.046	61.809	228.524	523.286	1117.762	2110.877	3079.920	4236.130	5554.453	7303.151
3.0	27.047	61.815	228.213	526.310	1125.940	2126.408	3106.087	4268.361	5618.576	7451.680
1.0	27.047	61.821	227.901	525.931	1122.529	2131.186	3115.039	4278.785	5640.909	7507.276
0.0	27.047	61.824	227.745	525.742	1120.822	2129.553	3113.043	4275.824	5636.512	7500.619
-1.0	27.047	61.824	227.743	525.214	1120.155	2126.058	3107.071	4266.255	5620.238	7472.262
-3.0	27.047	61.789	227.740	524.158	1118.823	2111.097	3082.304	4231.038	5557.300	7348.582
-5.0	27.046	61.765	227.736	519.731	1106.027	2085.602	3040.687	4174.810	5454.759	7137.703
-7.0	27.046	61.742	225.526	515.483	1093.726	2049.720	2982.591	4098.209	5314.009	6842.995
-9.0	27.046	61.718	224.083	510.217	1077.819	2003.642	2908.466	4001.993	5136.725	6551.363
-11.0	27.045	61.695	222.281	503.957	1058.350	1947.593	2818.831	3887.015	4924.811	6300.881
-13.0	27.045	60.781	220.124	496.731	1035.370	1881.832	2714.258	3754.202	4708.065	6014.789
-15.0	27.044	60.465	217.612	488.566	1008.942	1806.645	2595.364	3604.532	4531.157	5696.050
-17.0	27.044	60.109	214.750	479.491	979.135	1722.346	2472.084	3446.171	4337.205	5347.582
-19.5	27.043	59.609	210.685	466.914	937.243	1626.871	2333.100	3228.648	4072.876	4873.906
-22.5	27.041	58.928	205.102	450.090	880.399	1515.617	2147.239	2940.832	3726.348	4407.677
-25.5	27.040	58.162	198.766	431.476	816.679	1392.769	1942.132	2626.686	3357.006	3986.885
-29.0	27.038	57.163	190.445	407.635	734.098	1235.992	1680.709	2284.357	2906.789	3487.243
-33.0	27.035	55.889	179.754	377.787	668.383	1058.784	1447.741	1912.887	2376.179	2869.579
-37.5	27.032	54.292	166.287	343.461	591.300	897.290	1174.430	1519.077	1887.984	2224.923
-42.5	27.028	52.330	149.642	306.994	497.808	707.564	927.160	1159.354	1411.229	1619.881
-47.5	27.024	50.183	131.359	267.500	431.514	588.354	703.447	879.997	1024.073	1182.122
-55.0	27.017	46.655	109.437	208.375	330.923	438.568	501.391	586.945	652.800	705.820
-65.0	27.006	41.467	77.809	134.066	208.075	272.873	323.786	376.904	416.383	443.694
-75.0	26.995	35.867	52.288	76.363	106.809	128.353	146.957	163.978	177.817	188.791
-85.0	26.983	30.015	35.618	40.469	44.473	47.068	48.609	49.980	51.059	52.053
-90.0	26.977	27.053	27.203	27.352	27.083	26.569	26.227	25.883	25.574	25.475

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-24WS.IES

CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	<u>-25.5</u>	<u>-22.5</u>	<u>-19.5</u>	<u>-17.0</u>	<u>-15.0</u>	<u>-13.0</u>	<u>-11.0</u>	<u>-9.0</u>	<u>-7.0</u>	<u>-5.0</u>
90.0	26.550	26.241	25.932	25.674	25.468	25.261	25.055	24.849	24.642	24.435
85.0	59.529	60.607	61.617	62.402	62.989	63.539	64.782	65.014	65.246	65.477
75.0	217.758	223.113	227.381	230.128	231.808	233.039	233.834	234.204	234.161	234.842
65.0	516.222	525.598	533.402	538.596	541.831	544.202	545.665	546.180	545.707	544.206
55.0	906.429	979.832	1048.744	1102.035	1141.616	1178.210	1211.570	1241.441	1267.579	1289.739
47.5	1520.707	1648.117	1764.535	1862.455	1949.505	2026.990	2094.608	2152.088	2199.189	2235.707
42.5	2100.765	2309.396	2499.302	2642.121	2766.832	2886.117	2990.438	3079.249	3152.056	3208.433
37.5	2825.040	3140.345	3423.927	3641.946	3799.894	3950.981	4083.554	4196.765	4289.846	4362.136
33.0	3606.094	3975.470	4321.987	4582.331	4777.458	4953.109	5172.542	5385.514	5559.445	5692.970
29.0	4304.849	4730.786	5203.926	5690.434	6045.015	6370.498	6656.529	6900.479	7189.195	7481.276
25.5	4895.401	5600.322	6315.643	6857.993	7500.342	8195.851	8817.531	9351.670	9791.201	10129.727
22.5	5609.724	6447.629	7434.000	8586.173	9431.960	10200.779	10966.618	112259.110	113338.005	114181.498 *
19.5	6338.797	7448.119	9081.301	10347.475	11795.171	13646.079	15299.824	16787.131	18047.720	19048.946 *
17.0	6896.050	8613.693	10361.202	12738.033	14942.579	16977.037	18811.023	21984.736	24995.240	27403.387 *
15.0	7533.580	9471.347	11826.467	14965.874	17327.236	19989.242	224275.417	28062.230	31398.422	34140.305 *
13.0	8191.543	10227.437	13709.116	17037.855	20029.753	25105.114	29784.181	33967.969	38277.599	43577.941 *
11.0	8757.139	10922.839	15354.967	18924.171	24377.495	29850.444	34961.000	41710.197	48758.370	54768.431 *
9.0	9224.450	12113.480	16679.885	22006.114	28247.795	34128.961	41784.037	50710.480	58713.111	65466.870 *
7.0	9588.530	13055.753	17722.281	24674.763	31191.448	38319.847	48853.241	58713.638	67810.360	75817.823 *
5.0	9845.792	13736.981	18462.345	26640.071	33340.317	42763.909	54077.945	65236.725	75611.740	85066.232 *
3.0	9994.333	14149.352	19394.711	27850.624	34635.944	45614.784	57321.053	69080.753	80866.692	92271.846 *
1.0	10034.173	14290.961	19849.544	28279.803	35147.285	46725.483	58517.856	70556.325	82843.041	95746.045 *
0.0	10013.883	14261.388	19825.127	28201.485	34902.572	46609.774	58316.975	70304.123	82571.217	94838.311 *
-1.0	9975.899	14185.829	19672.505	27999.263	34757.274	46205.620	57819.609	69683.236	81814.102	94448.412 *
-3.0	9822.391	13842.638	18882.453	27036.896	33509.016	44109.093	55312.361	66495.865	77856.872	88579.755 *
-5.0	9568.633	13253.981	17664.273	25372.649	31586.996	40420.677	50988.039	61140.072	70926.215	79622.634 *
-7.0	9219.629	12436.291	16689.073	23073.696	28975.949	35349.083	45057.086	53937.506	61809.930	69009.438 *
-9.0	8781.488	11408.885	15485.236	20217.575	25771.107	30934.216	37763.701	45696.437	52476.352	57836.074 *
-11.0	8261.031	10192.504	14081.554	17131.575	21964.852	26712.640	30995.375	36799.702	42753.900	47983.174 *
-13.0	7665.423	9455.055	12478.369	15311.832	17829.617	22201.854	26100.083	29423.981	32885.081	37701.576 *
-15.0	7001.852	8701.230	10727.088	13379.434	15314.504	17475.407	21045.492	244067.469	26858.094	29201.774 *
-17.0	6383.330	7886.419	9372.508	11357.868	13158.414	14763.715	16145.641	18745.899	21345.220	23415.694 *
-19.5	5850.226	6808.348	8189.464	9221.902	10386.695	11853.483	13112.206	14357.721	15417.575	16259.029 *
-22.5	5167.787	5886.167	6711.566	7652.184	8318.669	8900.754	9541.353	10639.877	11558.331	12279.954 *
-25.5	4506.026	5110.631	5707.420	6146.631	6656.369	7226.952	7771.225	8245.513	8643.494	8959.256
-29.0	3940.910	4312.913	4714.204	5110.809	5406.084	5705.854	5974.292	6208.778	6478.009	6748.081
-33.0	3275.034	3598.255	3895.399	4121.435	4313.836	4489.832	4698.016	4899.383	5068.262	5203.050
-37.5	2528.512	2805.690	3050.524	3261.890	3418.358	3568.007	3701.504	3817.882	3916.226	3995.695
-42.5	1851.896	2028.028	2197.749	2332.246	2452.727	2569.964	2673.974	2764.066	2839.582	2899.916
-47.5	1318.794	1425.774	1535.386	1628.426	1711.002	1785.023	1850.201	1906.269	1952.990	1990.159
-55.0	776.577	838.883	898.828	945.980	981.493	1014.743	1045.452	1073.336	1098.114	1119.505
-65.0	456.064	461.370	466.241	469.801	472.224	474.193	475.636	476.482	476.658	476.094
-75.0	195.709	200.563	204.445	206.954	208.497	209.639	210.388	210.755	210.752	211.403
-85.0	53.313	54.313	55.237	55.947	56.476	56.969	57.991	58.225	58.460	58.694
-90.0	25.850	26.171	26.492	26.759	26.973	27.187	27.401	27.614	27.828	28.041

Vert. Angles	Horizontal Angles									
	<u>-3.0</u>	<u>-1.0</u>	<u>0.0</u>	<u>1.0</u>	<u>3.0</u>	<u>5.0</u>	<u>7.0</u>	<u>9.0</u>	<u>11.0</u>	<u>13.0</u>
90.0	24.229	24.022	23.918	24.131	24.555	24.979	25.403	25.827	26.251	26.675
85.0	65.709	65.941	66.057	66.188	66.450	66.711	66.973	67.234	67.496	66.700
75.0	233.294	231.746	230.972	231.983	234.005	236.027	235.828	236.352	236.468	236.165
65.0	542.913	538.119	535.721	536.809	538.984	537.795	536.917	535.195	532.719	529.579

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CANDELA TABULATION - (Cont.)

55.0	1312.929	1321.783	1326.213	1319.827	1307.061	1280.089	1254.247	1224.603	1191.448	1155.075
47.5	2261.478	2276.381	2279.732	2272.896	2251.081	2218.577	2175.618	2122.483	2059.479	1986.948
42.5	3248.029	3270.580	3275.405	3264.800	3230.818	3180.176	3113.386	3031.037	2933.775	2822.296
37.5	4413.091	4442.310	4448.685	4433.781	4387.621	4320.070	4231.750	4123.411	3995.900	3850.150
33.0	5785.047	5834.999	5844.075	5821.408	5744.875	5627.992	5472.551	5280.613	5054.435	4824.171
29.0	7680.541	7784.376	7800.005	7760.753	7610.953	7369.505	7041.345	6722.332	6452.934	6149.001
25.5	10361.904	10483.811	10502.654	10445.740	10249.525	9948.428	9549.587	9061.068	8491.398	7849.154
22.5	14769.804	15086.694	15139.623	15033.317	14612.169	13926.885	12997.898	11848.350	10502.442	92718.060
19.5	20295.245	21075.341	21203.183	21001.733	20078.725	18701.437	17585.117	16230.447	14675.570	13036.864
17.0	29125.022	30087.301	30266.609	29989.174	28836.958	26943.410	24390.602	21268.695	18065.221	16241.070
15.0	36136.098	37402.338	37517.349	37278.576	35774.412	33565.717	30648.093	27197.034	23391.473	19130.034
13.0	47449.767	49652.985	50070.870	49479.816	46951.776	42814.388	37332.573	32940.603	28731.075	24078.949
11.0	59365.793	62071.704	62624.391	61830.806	58677.112	53722.653	47512.278	40431.224	33704.022	28630.335
9.0	71051.648	74447.620	75174.671	74107.615	70092.846	64041.729	57120.849	49087.475	40233.652	32686.370
7.0	82398.180	86749.333	87721.712	86252.213	81027.227	74025.354	65805.600	56689.337	46943.570	36839.275
5.0	93005.267	99477.373	100268.752	98697.004	91026.949	83021.242	73359.438	62918.859	52526.411	41776.367
3.0	99265.130	102279.830	103344.274	101476.048	957503.189	90122.392	8261.695	7908.686	6613.441	5281.241
1.0	100597.850	105059.796	106419.796	104472.369	99926.099	95315.168	82737.709	70686.186	58829.420	47158.712
0.0	100086.009	105333.708	107957.557	105447.112	100426.225	9405.332	83256.178	71107.024	59170.422	47446.372
-1.0	99258.018	103634.892	105244.928	104152.099	99560.004	94960.604	82392.270	70349.764	58547.406	46951.421
-3.0	94994.423	98272.458	99819.671	99531.046	96542.938	9027.419	8207.787	66887.782	55803.803	44682.194
-5.0	86299.959	93319.265	94394.414	94541.192	89402.921	81322.731	71617.407	61257.480	51286.124	40848.378
-7.0	75207.067	79841.095	80916.811	80695.025	77625.798	71534.386	63337.745	54728.075	45416.833	35671.307
-9.0	63285.622	66731.730	67439.208	67379.642	65158.481	60711.131	54502.864	46997.349	38582.465	31424.395
-11.0	52119.354	54507.858	54967.404	54995.361	53515.233	50109.763	44950.555	38346.914	32054.198	27388.889
-13.0	41194.598	43150.388	43501.397	43504.417	42214.574	39271.516	34840.411	30995.932	27209.410	22943.033
-15.0	30892.639	31950.383	32035.391	32207.032	31631.712	30344.402	28286.798	25508.261	22080.358	18173.679
-17.0	24888.411	25705.579	25855.445	25886.186	25410.117	24221.099	22347.460	19838.852	17018.555	15426.471
-19.5	17334.703	18014.908	18130.512	18122.834	17644.643	16736.519	16037.446	15077.212	13873.155	12433.602
-22.5	12789.984	13076.860	13134.150	13141.501	12978.794	12578.016	11942.112	11078.943	10000.326	9355.271
-25.5	9187.621	9324.487	9357.693	9361.760	9297.620	9136.632	8879.701	8529.302	8089.234	7564.318
-29.0	6941.508	7055.516	7082.124	7078.462	7009.074	6856.511	6621.239	6382.371	6176.197	5930.595
-33.0	5302.371	5365.133	5382.552	5379.742	5345.764	5273.944	5164.569	5018.279	4836.034	4643.853
-37.5	4055.542	4095.135	4107.176	4104.644	4083.854	4042.169	3979.808	3897.140	3794.656	3672.965
-42.5	2944.515	2972.905	2980.895	2979.429	2964.013	2932.172	2884.242	2820.641	2741.853	2648.423
-47.5	2017.602	2035.189	2040.255	2040.137	2032.400	2014.664	1986.967	1949.393	1902.061	1845.131
-55.0	1141.955	1151.560	1156.366	1154.752	1151.527	1135.285	1119.965	1101.020	1078.666	1053.123
-65.0	475.784	472.584	470.984	474.275	480.856	484.478	488.301	491.289	493.487	494.942
-75.0	210.040	208.678	207.996	209.398	212.201	215.003	215.762	217.171	218.190	218.804
-85.0	58.929	59.164	59.281	59.487	59.899	60.312	60.724	61.136	61.548	61.119
-90.0	28.255	28.468	28.575	28.629	28.737	28.846	28.954	29.062	29.171	29.279

Vert. Angles **Horizontal Angles**

	<u>15.0</u>	<u>17.0</u>	<u>19.5</u>	<u>22.5</u>	<u>25.5</u>	<u>29.0</u>	<u>33.0</u>	<u>37.5</u>	<u>42.5</u>	<u>47.5</u>
90.0	27.098	27.522	28.051	28.686	29.321	30.061	30.406	30.604	30.825	31.045
85.0	66.619	66.493	66.272	65.920	65.474	64.844	63.367	61.354	58.957	56.417
75.0	235.431	234.255	232.150	228.669	224.124	217.447	203.750	186.791	166.439	144.698
65.0	525.864	521.663	515.865	508.326	500.423	484.789	453.206	409.566	352.549	297.240
55.0	1115.778	1073.849	1018.175	947.304	873.281	787.600	720.335	640.090	540.709	471.165
47.5	1905.254	1814.779	1712.557	1591.247	1465.706	1306.951	1125.751	958.561	760.019	629.614
42.5	2697.329	2568.039	2419.650	2229.009	2026.880	1767.756	1531.367	1252.198	994.554	754.434
37.5	3687.148	3521.296	3297.434	3022.953	2719.719	2386.308	2018.143	1620.599	1248.273	949.884
33.0	4633.740	4425.697	4163.276	3819.380	3458.866	3024.606	2505.329	2013.084	1522.631	1115.985
29.0	5813.816	5470.065	5009.992	4551.258	4130.567	3624.542	3018.864	2375.567	1755.744	1295.040
25.5	7165.120	6552.095	6038.643	5365.583	4700.245	4125.594	3447.287	2704.202	2012.653	1451.773

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CANDELA TABULATION - (Cont.)

22.5	8980.774	8172.918	7076.386	6145.213	5361.447	4542.992	3803.277	3006.652	2212.902	1573.515
19.5	11222.348	9822.299	8617.724	7069.700	6028.685	4998.141	4151.936	3281.299	2393.036	1682.716
17.0	14242.542	12098.240	9811.227	8156.197	6535.947	5462.854	4418.099	3486.836	2526.635	1775.254
15.0	16510.911	14215.427	11191.945	8953.016	7149.829	5806.010	4612.526	3635.421	2643.249	1856.174
13.0	19077.190	16166.270	12967.206	9686.515	7819.505	6117.670	4788.965	3784.122	2754.555	1927.821
11.0	23246.748	17921.373	14571.181	10424.073	8414.337	6394.995	5000.928	3915.079	2851.478	1989.917
9.0	26919.994	21022.536	16002.190	11673.291	8927.411	6635.158	5205.535	4027.280	2933.495	2042.212
7.0	30142.439	23919.892	17207.927	12713.692	9352.081	6917.972	5374.592	4119.764	3000.138	2084.485
5.0	32722.171	26208.836	18160.600	13525.608	9682.312	7203.382	5506.377	4191.653	3050.999	2116.556
3.0	34553.450	27815.757	19348.852	14091.618	9913.040	7401.897	5599.425	4242.167	3085.744	2138.278
1.0	35664.766	28681.152	20083.882	14397.958	10040.526	7511.030	5652.576	4270.653	3104.120	2149.549
0.0	35722.322	28823.330	20199.589	14450.774	10064.817	7531.594	5663.924	4276.472	3107.113	2151.246
-1.0	35511.821	28577.298	20026.325	14368.452	10028.246	7506.171	5650.301	4268.519	3101.961	2147.966
-3.0	34114.501	27517.014	19184.865	14006.424	9877.173	7387.977	5592.667	4235.723	3079.282	2133.547
-5.0	32047.883	25751.739	17912.031	13394.418	9625.709	7182.339	5495.343	4180.776	3040.268	2108.740
-7.0	29308.155	23359.620	16892.093	12551.764	9279.286	6892.929	5359.613	4104.253	2985.196	2073.684
-9.0	26014.941	20426.285	15647.279	11500.291	8844.388	6607.155	5187.061	4006.862	2914.422	2028.564
-11.0	22365.226	17347.715	14208.816	10262.758	8328.141	6362.470	4979.507	3889.417	2828.375	1973.597
-13.0	18290.414	15605.959	12627.646	9527.143	7737.940	6081.522	4764.261	3752.823	2727.540	1909.035
-15.0	15803.174	13710.918	10907.310	8800.370	7081.125	5767.212	4582.169	3598.045	2612.456	1835.158
-17.0	13640.607	11688.715	9573.650	8017.285	6476.629	5422.420	4381.415	3445.102	2492.430	1752.270
-19.5	10806.720	9530.143	8412.441	6959.641	5961.281	4955.354	4106.362	3234.532	2355.760	1657.795
-22.5	8686.691	7945.297	6927.972	6046.532	5290.209	4488.194	3745.558	2954.339	2172.850	1547.063
-25.5	6961.919	6396.589	5912.511	5270.357	4627.340	4057.493	3381.146	2646.893	1970.858	1424.627
-29.0	5647.714	5333.933	4899.229	4457.866	4045.553	3544.606	2948.191	2316.412	1713.241	1268.177
-33.0	4482.248	4300.800	4052.633	3718.760	3366.154	2940.770	2431.548	1956.273	1482.162	1091.133
-37.5	3532.769	3387.298	3186.330	2920.024	2624.521	2303.472	1951.173	1569.468	1213.002	929.968
-42.5	2540.941	2429.358	2304.834	2135.170	1944.696	1698.453	1475.605	1210.597	967.385	741.438
-47.5	1778.795	1703.276	1618.200	1516.751	1402.222	1253.786	1083.584	927.693	741.949	617.679
-55.0	1024.615	993.368	950.797	895.132	835.050	756.203	697.873	625.745	532.360	461.694
-65.0	495.701	495.811	495.108	493.158	490.154	477.131	444.577	400.266	343.492	289.212
-75.0	218.999	218.760	217.832	215.765	212.624	207.561	195.067	179.370	160.307	139.707
-85.0	61.244	61.324	61.360	61.309	61.153	60.836	59.789	58.283	56.436	54.423
-90.0	29.387	29.495	29.630	29.791	29.953	30.141	30.368	30.629	30.919	31.208

Vert. Angles Horizontal Angles

	<u>55.0</u>	<u>65.0</u>	<u>75.0</u>	<u>85.0</u>	<u>90.0</u>
90.0	31.375	32.027	32.890	33.752	34.183
85.0	52.398	47.338	42.347	36.964	34.189
75.0	119.592	86.837	61.068	43.314	34.202
65.0	225.419	146.546	88.131	49.393	34.214
55.0	354.967	223.404	120.868	55.017	34.226
47.5	459.470	284.993	143.537	58.835	34.233
42.5	527.633	326.172	162.162	61.153	34.238
37.5	624.897	363.976	179.065	63.267	34.242
33.0	704.549	399.008	192.692	64.983	34.245
29.0	771.921	429.193	203.469	66.351	34.248
25.5	855.814	453.180	211.822	67.420	34.250
22.5	920.097	471.811	218.158	68.238	34.252
19.5	977.004	488.555	223.716	68.963	34.253
17.0	1018.585	500.995	227.743	69.495	34.254
15.0	1047.921	509.916	230.563	69.872	34.255
13.0	1073.693	517.889	233.025	70.206	34.255
11.0	1095.846	524.889	235.125	71.179	34.256
9.0	1114.334	530.888	236.862	71.200	34.256

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CANDELA TABULATION - (Cont.)

7.0	1129.120	535.863	238.236	71.220	34.257
5.0	1140.181	539.791	240.378	71.241	34.257
3.0	1151.701	543.894	240.297	71.262	34.257
1.0	1151.550	544.559	240.217	71.293	34.257
0.0	1151.474	544.891	240.177	71.293	34.257
-1.0	1150.852	544.394	240.171	71.277	34.257
-3.0	1149.611	543.402	240.159	71.244	34.257
-5.0	1136.767	538.973	240.147	71.212	34.257
-7.0	1124.439	534.721	237.915	71.180	34.257
-9.0	1108.480	529.424	236.453	71.148	34.256
-11.0	1088.943	523.108	234.628	71.116	34.256
-13.0	1065.884	515.796	232.443	70.134	34.255
-15.0	1039.374	507.516	229.900	69.790	34.255
-17.0	1009.488	498.295	227.000	69.403	34.254
-19.5	967.510	485.490	222.878	68.860	34.253
-22.5	910.594	468.324	217.215	68.123	34.251
-25.5	846.851	449.291	210.782	67.293	34.250
-29.0	764.320	424.862	202.329	66.214	34.248
-33.0	696.572	394.213	191.456	64.837	34.245
-37.5	616.387	358.897	177.747	63.115	34.241
-42.5	518.716	321.378	160.785	60.998	34.237
-47.5	450.077	280.751	142.136	58.684	34.233
-55.0	345.773	219.997	119.536	54.882	34.225
-65.0	220.061	143.625	87.024	49.296	34.214
-75.0	115.960	84.870	60.369	43.272	34.201
-85.0	51.139	46.804	42.216	36.986	34.189
-90.0	31.641	32.306	33.058	33.808	34.182

IES FLOOD REPORT
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LUMEN TABULATION

Average Of Right And Left Sides

Total Luminaire Lumens (one side of beam only) = 15106.56

Total Field Lumens (one side of beam only) = 10493.43

* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	<u>0</u>	<u>1</u>	<u>3</u>	<u>5</u>	<u>7</u>	<u>9</u>	<u>11</u>	<u>13</u>	<u>15</u>	<u>17</u>
90										
85	0.07	0.14	0.14	0.14	0.14	0.14	0.14	0.13	0.13	0.16
75	0.45	0.91	0.91	0.91	0.91	0.90	0.90	0.88	0.87	1.07
65	1.17	2.35	2.36	2.35	2.34	2.33	2.30	2.27	2.24	2.74
55	2.83	5.65	5.59	5.50	5.39	5.27	5.13	4.97	4.80	5.74
47.5	4.11	8.18	8.07	7.91	7.71	7.48	7.21	6.90	6.57	7.73
42.5	4.23	8.40	8.29	8.13	7.93	7.67	7.37	7.03	6.66	7.81
37.5	5.87	11.68	11.53	11.31	11.02	10.66	10.25	9.78	9.27	10.85
33	7.05	13.99	13.79	13.48	13.08	12.59	12.03	11.46	10.89	12.76
29	8.30	16.45	16.10	15.58	14.95	14.29	13.60	12.88	12.13	14.05
25.5	9.74	19.28	18.83	18.16	17.32	16.39	15.38	14.25	13.09	14.91
22.5	11.69 *	23.07 *	22.37 *	21.33 *	19.95 *	18.29	16.70	15.30	13.89	15.47
19.5	16.55 *	32.41 *	30.91 *	29.04 *	26.94 *	24.43 *	21.91 *	19.51	17.21	18.75
17	19.52 *	38.15 *	36.17 *	33.53 *	30.41 *	26.83 *	23.60 *	20.71 *	17.79 *	18.73
15	20.59 *	40.28 *	38.28 *	35.37 *	31.66 *	27.46 *	23.37 *	20.00 *	17.13 *	17.57 *
13	26.58 *	51.77 *	48.68 *	44.19 *	39.19 *	34.25 *	28.97 *	23.83 *	19.81 *	20.26 *
11	34.15 *	66.28 *	61.89 *	55.55 *	48.40 *	41.43 *	34.99 *	28.73 *	22.95 *	22.90 *
9	41.73 *	80.92 *	75.54 *	68.18 *	59.43 *	49.89 *	41.11 *	33.71 *	26.74 *	25.76 *
7	49.30 *	95.30 *	88.72 *	80.10 *	70.08 *	58.95 *	47.64 *	38.20 *	30.47 *	28.79 *
5	56.90 *	109.38 *	101.09 *	90.96 *	79.35 *	66.89 *	53.94 *	42.43 *	33.50 *	31.28 *
3	61.62 *	119.14 *	111.10 *	99.90 *	86.61 *	72.85 *	58.99 *	45.91 *	35.69 *	33.24 *
1	63.42 *	123.38 *	117.10 *	105.90 *	91.09 *	76.42 *	61.98 *	48.00 *	36.99 *	34.59 *
0	32.33 *	62.51 *	59.43 *	53.98 *	46.31 *	38.81 *	31.49 *	24.34 *	18.70 *	17.53 *
-1	32.17 *	62.25 *	59.18 *	53.75 *	46.11 *	38.64 *	31.36 *	24.24 *	18.63 *	17.48 *
	62.12 *	121.15 *	115.07 *	104.10 *	89.54 *	75.13 *	60.99 *	47.27 *	36.46 *	34.15 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-24WS.IES

LUMENS TABULATION - (Cont.)

-3	58.95 *	114.60 *	107.23 *	96.51 *	83.61 *	70.37 *	57.12 *	44.53 *	34.69 *	32.42 *
-5	53.23 *	103.03 *	95.72 *	86.21 *	75.22 *	63.57 *	51.40 *	40.52 *	32.13 *	30.14 *
-7	45.03 *	87.66 *	82.10 *	74.40 *	65.38 *	55.22 *	44.72 *	35.98 *	28.86 *	27.44 *
-9	37.19 *	72.71 *	68.48 *	62.30 *	54.68 *	46.08 *	38.12 *	31.41 *	25.07 *	24.33 *
-11	29.93 *	58.63 *	55.32 *	50.06 *	43.89 *	37.79 *	32.12 *	26.56 *	21.35 *	21.48 *
-13	22.99 *	45.17 *	42.91 *	39.29 *	35.12 *	30.96 *	26.40 *	21.88 *	18.34 *	18.94 *
-15	17.63 *	34.79 *	33.43 *	31.21 *	28.20 *	24.67 *	21.17 *	18.29 *	15.82 *	16.40 *
-17	16.72 *	32.92 *	31.51 *	29.49 *	26.99 *	24.03 *	21.35 *	18.93 *	16.43 *	17.48
-19.5	14.27 *	28.11 *	27.03 *	25.63 *	24.00 *	21.98 *	19.90 *	17.90	15.93	17.52
-22.5	10.27 *	20.36 *	19.87 *	19.08	17.99	16.63	15.30	14.11	12.90	14.48
-25.5	8.76	17.38	17.05	16.52	15.83	15.06	14.19	13.21	12.21	13.99
-29	7.59	15.06	14.79	14.36	13.83	13.26	12.65	12.01	11.34	13.17
-33	6.50	12.92	12.75	12.49	12.14	11.70	11.20	10.68	10.15	11.90
-37.5	5.39	10.73	10.60	10.41	10.15	9.83	9.45	9.02	8.55	10.01
-42.5	3.82	7.61	7.52	7.38	7.20	6.98	6.71	6.40	6.07	7.12
-47.5	3.65	7.26	7.18	7.05	6.89	6.70	6.47	6.20	5.91	6.97
-55	2.48	4.95	4.91	4.85	4.77	4.68	4.57	4.44	4.30	5.17
-65	1.04	2.09	2.10	2.10	2.10	2.09	2.08	2.06	2.04	2.51
-75	0.41	0.82	0.83	0.83	0.82	0.82	0.82	0.81	0.80	0.98
-85	0.07	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.16
-90										
Total	918.38	1789.92	1692.58	1549.65	1374.79	1190.5	1007.22	837.80	695.64	706.94

Vert. Horizontal Angles

Angles	19.5	22.5	25.5	29	33	37.5	42.5	47.5	55	65
90	0.19	0.19	0.21	0.23	0.25	0.25	0.22	0.29	0.29	0.19
85	1.24	1.19	1.32	1.40	1.41	1.35	1.12	1.30	1.12	0.58
75	3.19	3.07	3.40	3.55	3.50	3.24	2.57	2.79	2.17	0.96
65	6.48	6.01	6.37	6.48	6.31	5.74	4.52	4.84	3.60	1.47
55	8.57	7.77	8.03	7.86	7.37	6.46	4.93	5.19	3.78	1.48

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-24WS.IES

LUMENS TABULATION - (Cont.)

47.5										
	8.62	7.77	7.92	7.62	6.94	5.89	4.30	4.29	3.05	1.18
42.5	11.91	10.63	10.74	10.24	9.15	7.59	5.40	5.17	3.51	1.32
37.5	13.99	12.47	12.61	11.90	10.47	8.56	5.96	5.52	3.59	1.31
33	15.26	13.60	13.79	12.99	11.33	9.11	6.22	5.61	3.51	1.26
29	15.98	13.98	14.05	13.29	11.56	9.20	6.22	5.51	3.34	1.17
25.5	16.13	13.81	13.61	12.76	11.13	8.85	5.93	5.18	3.08	1.04
22.5	18.98	15.79	15.23	14.02	12.21	9.69	6.42	5.55	3.25	1.08
19.5	18.44	14.89	13.98	12.69	10.94	8.66	5.69	4.89	2.83	0.92
17	16.72	13.21	12.12	10.81	9.20	7.27	4.78	4.08	2.33	0.75
15	18.77	14.41	13.04	11.33	9.55	7.57	4.98	4.22	2.38	0.76
13	20.87 *	15.54	13.90	11.82	9.91	7.85	5.16	4.35	2.42	0.77
11	22.98 *	16.79	14.64	12.29	10.26	8.08	5.31	4.46	2.46	0.78
9	24.99 *	18.08	15.29	12.73	10.57	8.28	5.44	4.54	2.49	0.79
7	26.57 *	19.10 *	15.86	13.15	10.80	8.43	5.54	4.61	2.52	0.79
5	27.91 *	19.81 *	16.30	13.48	10.97	8.53	5.60	4.65	2.54	0.80
3	28.92 *	20.22 *	16.55	13.67	11.07	8.59	5.64	4.68	2.55	0.80
1	14.65 *	10.18 *	8.32	6.87	5.55	4.31	2.83	2.34	1.27	0.40
0	14.61 *	10.16 *	8.30	6.86	5.55	4.30	2.82	2.34	1.27	0.40
-1	28.61 *	20.06 *	16.45	13.61	11.03	8.56	5.62	4.66	2.54	0.80
-3	27.33 *	19.49 *	16.10	13.35	10.89	8.48	5.57	4.63	2.52	0.80
-5	25.76 *	18.64 *	15.58	12.97	10.68	8.34	5.48	4.57	2.50	0.79
-7	24.02 *	17.53	14.93	12.50	10.41	8.17	5.37	4.49	2.47	0.78
-9	21.92 *	16.19	14.22	12.02	10.08	7.95	5.23	4.39	2.43	0.78
-11	19.80 *	14.91	13.45	11.52	9.70	7.69	5.06	4.27	2.39	0.77
-13	17.75	13.77	12.57	11.00	9.32	7.39	4.87	4.14	2.34	0.76
-15	15.78	12.59	11.65	10.46	8.93	7.08	4.65	3.98	2.29	0.74
-17	17.39	14.18	13.41	12.24	10.58	8.39	5.52	4.76	2.77	0.91
-19.5	17.90	15.02	14.57	13.46	11.76	9.35	6.20	5.38	3.18	1.06

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-24WS.IES

LUMENS TABULATION - (Cont.)

-22.5	15.22	13.12	12.98	12.20	10.65	8.49	5.70	5.00	3.00	1.03
-25.5	15.07	13.25	13.35	12.64	11.00	8.77	5.95	5.30	3.24	1.15
-29	14.35	12.82	13.02	12.27	10.71	8.63	5.91	5.37	3.40	1.23
-33	13.07	11.66	11.80	11.15	9.82	8.05	5.63	5.26	3.46	1.28
-37.5	11.00	9.83	9.95	9.51	8.52	7.10	5.09	4.91	3.38	1.29
-42.5	7.87	7.11	7.27	7.02	6.42	5.48	4.03	4.07	2.92	1.14
-47.5	7.74	7.05	7.31	7.20	6.80	6.01	4.63	4.91	3.61	1.44
-55	5.86	5.47	5.85	6.00	5.88	5.38	4.26	4.59	3.44	1.43
-65	2.94	2.84	3.16	3.33	3.29	3.05	2.43	2.65	2.07	0.93
-75	1.14	1.10	1.22	1.30	1.31	1.26	1.05	1.23	1.08	0.57
-85	0.18	0.18	0.20	0.22	0.23	0.24	0.22	0.28	0.29	0.19
-90										
Total	666.66	525.48	484.60	434.03	373.98	301.67	206.07	185.25	114.66	40.90

Vert. Angles	Horizontal Angles			
	<u>75</u>	<u>85</u>	<u>90</u>	<u>Total</u>
90				
	0.09	0.01		3.74
85				
	0.22	0.02		21.00
75				
	0.30	0.02		51.22
65				
	0.39	0.03		103.12
55				
	0.36	0.02		133.68
47.5				
	0.27	0.01		131.40
42.5				
	0.30	0.01		178.21
37.5				
	0.29	0.01		207.81
33				
	0.27	0.01		231.27
29				
	0.25	0.01		251.90
25.5				
	0.22	0.01		269.81
22.5				
	0.22	0.01		340.11
19.5				
	0.19	0.01		359.55
17				
	0.15	0.01		353.13

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-24WS.IES

LUMENS TABULATION - (Cont.)

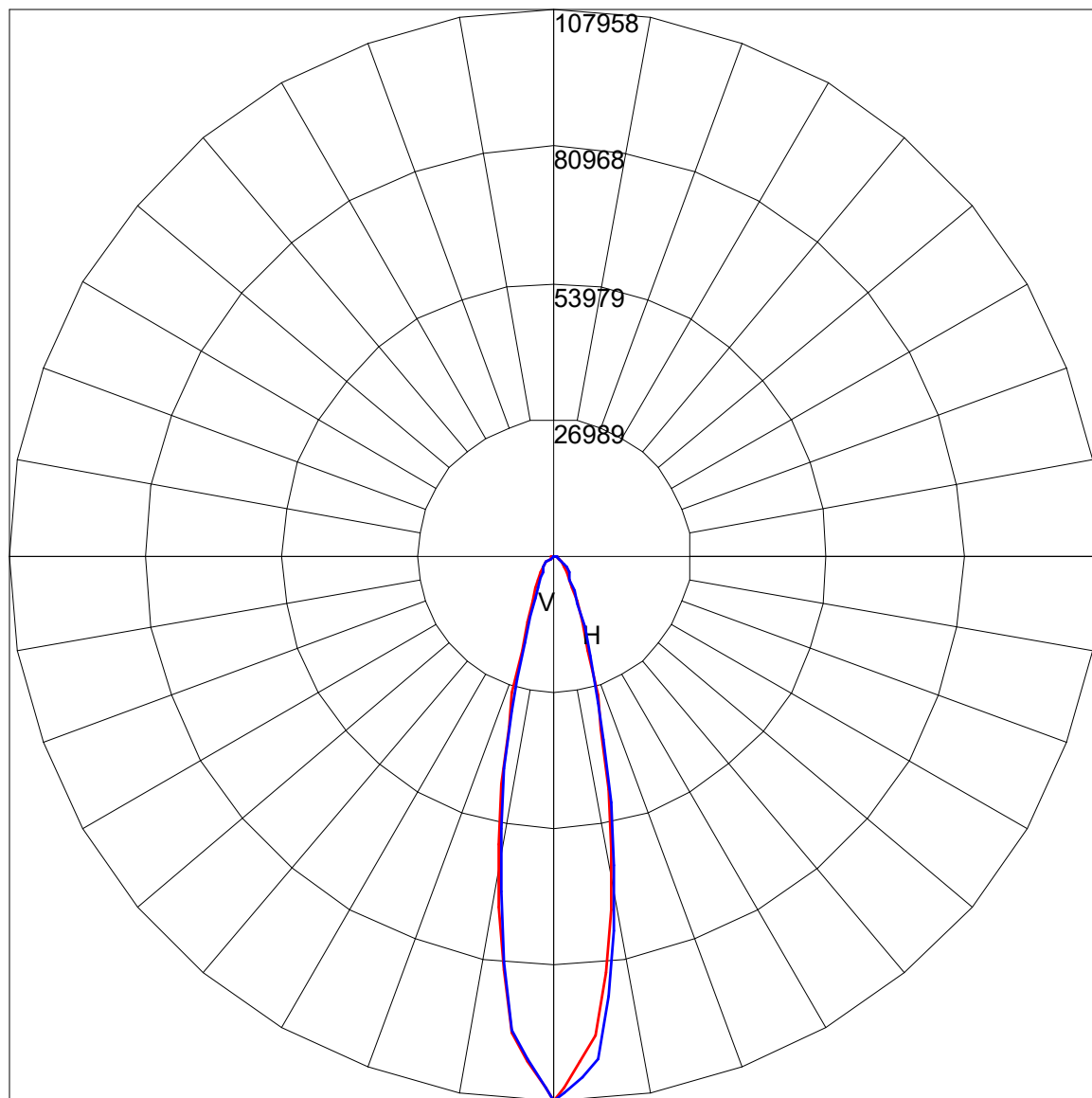
15	0.15	0.01	424.72
13	0.16	0.01	510.02
11	0.16	0.01	601.22
9	0.16	0.01	690.88
7	0.16	0.01	773.24
5	0.16	0.01	835.82
3	0.16	0.01	871.72
1	0.08	0.00	442.21
0	0.08	0.00	440.51
-1	0.16	0.01	858.08
-3	0.16	0.01	809.34
-5	0.16	0.01	736.66
-7	0.16	0.01	647.63
-9	0.16	0.01	555.73
-11	0.15	0.01	466.83
-13	0.15	0.01	386.05
-15	0.15	0.01	319.92
-17	0.19	0.01	326.18
-19.5	0.22	0.01	310.35
-22.5	0.21	0.01	248.59
-25.5	0.24	0.01	234.18
-29	0.27	0.01	216.03
-33	0.28	0.01	193.91
-37.5	0.29	0.01	165.03
-42.5	0.27	0.01	120.42
-47.5	0.35	0.02	121.37
-55	0.39	0.03	93.69
-65	0.30	0.02	47.24

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-24WS.IES

LUMENS TABULATION - (Cont.)

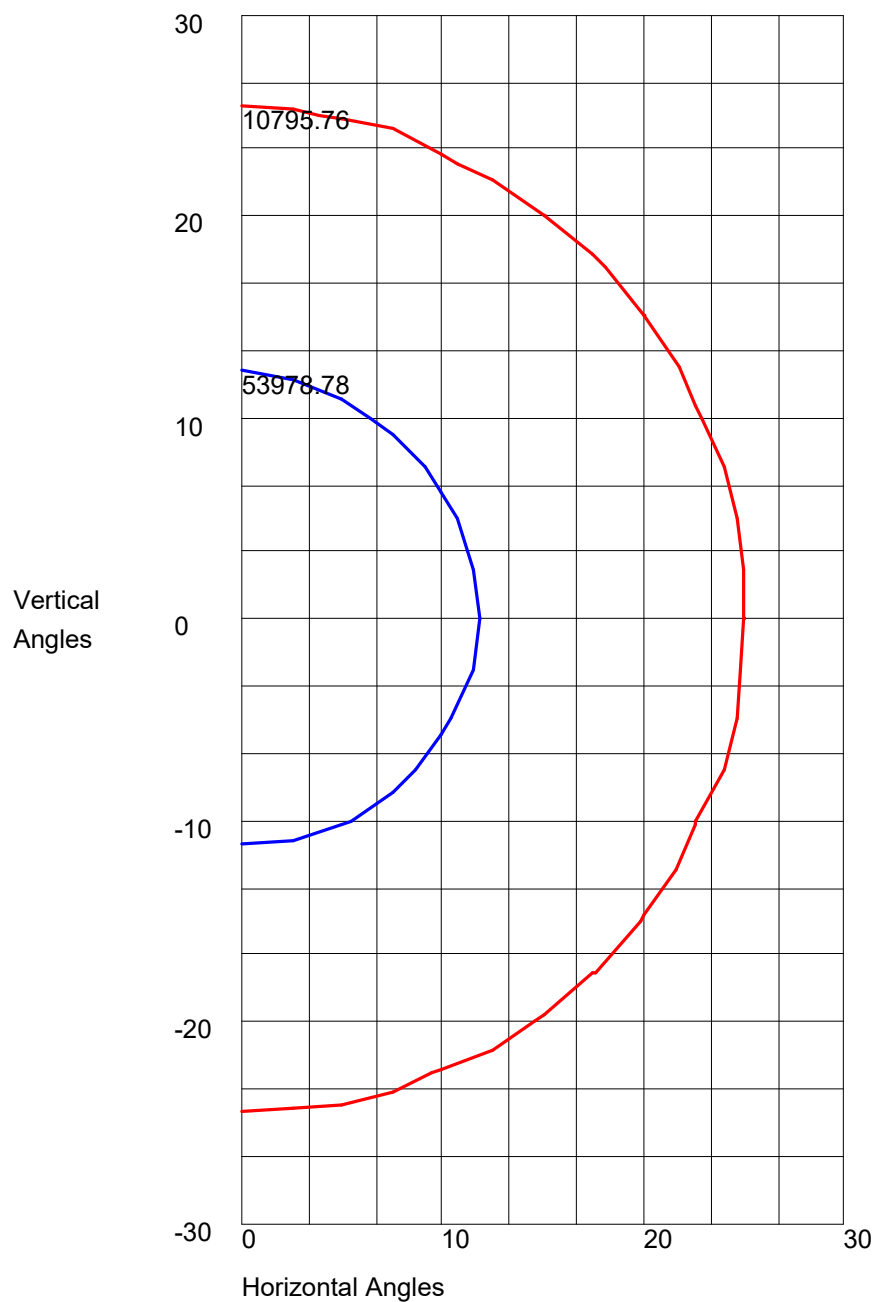
-75	0.22	0.02	19.43
-85	0.09	0.01	3.59
-90			
Total	9.34	0.50	15106.56

AXIAL CANDELA DISPLAY



Maximum Candela = 107957.557 Located At Horizontal Angle = 0, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 10795.557 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 53978.7785
10% Maximum Candela = 10795.7557



IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-38NF.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 194028
[TESTLAB] RADIANT IMAGING PROSOURCE
[TESTDATE] 2019-04-16
[ISSUEDATE] 2019-04-16
[MANUFAC] LARSON ELECTRONICS LLC
[LUMCAT] GAU-LTL-250W-LED-38NF
[LUMINAIRE] 250W 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	63603.555
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	32400 (1 lamp)
Total Lamp Lumens	32400
Beam Lumens	14582
Beam Efficiency	45 %
Field Lumens	26459
Field Efficiency	82 %
Spill Lumens	4853
Luminaire Lumens	31312
Total Efficiency	97 %
Total Luminaire Watts	250
Ballast Factor	1.00



IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-38NF.IES

AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	0	85	0
75	133.953	75	91.384
65	412.305	65	279.859
55	1052.423	55	768.168
47.5	1993.112	47.5	1350.919
42.5	3119.41	42.5	2046.427
37.5	5354.461	37.5	3432.713
33	9206.412	33	5803.185
29	14489.493	29	9429.721
25.5	20768.684	25.5	14354.865
22.5	27559.975	22.5	20189.511
19.5	34751.582	19.5	26629.67
17	41238.303	17	33175.199
15	46427.679	15	38411.622
13	50777.216	13	43695.61
11	55126.753	11	48979.597
9	58499.069	9	53456.795
7	60894.166	7	57127.203
5	63289.263	5	60797.611
3	63414.98	3	61919.989
1	63540.697	1	63042.366
0	63603.555	0	63603.555
-1	62434.52	-1	63022.277
-3	60096.449	-3	61859.722
-5	57758.378	-5	60697.167
-7	53585.104	-7	57337.811
-9	49411.829	-9	53978.454
-11	44786.234	-11	49973.018
-13	39708.318	-13	45321.502
-15	34630.402	-15	40669.986
-17	29947.133	-17	35786.477
-19.5	24093.046	-19.5	29682.091
-22.5	18438.065	-22.5	23348.305
-25.5	13353.41	-25.5	17488.256
-29	9149.969	-29	12258.281
-33	5866.885	-33	8024.61
-37.5	3667.444	-37.5	4947.177
-42.5	2370.148	-42.5	3078.876
-47.5	1574.213	-47.5	2119.622
-55	873.86	-55	1172.243
-65	275.621	-65	305.695
-75	61.462	-75	53.653
-85	0	-85	0
-90	0	-90	0

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-38NF.IES

CANDELA TABULATION

Maximum Candela = 63603.555

Beam Edge = 31801.7775 Cd (50% of Max.)

Field Edge = 6360.3555 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	2.935	9.920	17.674	31.490	44.628	55.754	64.938
65.0	0.000	0.000	2.443	14.648	62.814	112.032	148.214	182.421	207.987	226.204
55.0	0.000	0.000	6.590	58.306	158.966	237.839	282.958	364.706	430.393	484.309
47.5	0.000	0.000	9.894	100.736	234.661	371.634	481.067	633.058	757.087	860.612
42.5	0.000	0.000	20.259	131.243	282.836	484.487	672.736	852.163	1006.629	1132.101
37.5	0.000	0.000	29.602	158.912	370.223	647.135	864.938	1081.882	1322.549	1547.389
33.0	0.000	0.000	37.076	183.313	443.640	788.177	1043.306	1347.464	1657.208	2071.503
29.0	0.000	0.000	42.936	203.738	506.714	915.162	1199.497	1602.021	2099.006	2596.826
25.5	0.000	0.000	47.434	219.758	580.718	1021.044	1383.439	1863.604	2476.556	3283.769
22.5	0.000	0.000	50.810	232.033	638.678	1104.668	1530.910	2135.968	2882.770	3857.018
19.5	0.000	0.000	53.735	242.901	691.183	1181.065	1667.638	2388.159	3366.121	4572.079
17.0	0.000	0.000	55.822	250.840	730.493	1249.019	1772.382	2580.983	3735.484	5418.590
15.0	0.000	0.000	57.262	256.437	758.871	1311.776	1878.620	2726.005	4005.441	6045.205
13.0	0.000	0.000	58.494	261.347	784.400	1368.664	1985.505	2935.733	4250.747	6616.985 *
11.0	0.000	0.000	59.520	265.555	806.972	1419.365	2080.693	3121.577	4617.816	7128.661 *
9.0	0.000	0.000	60.339	269.048	826.481	1463.562	2163.584	3282.310	4995.596	7574.908 *
7.0	0.000	0.000	60.950	271.814	842.828	1500.952	2233.608	3416.791	5310.017	8077.265 *
5.0	0.000	0.000	61.992	273.842	855.919	1531.246	2290.232	3524.005	5557.702	8569.936 *
3.0	0.000	0.000	61.780	275.980	869.596	1554.171	2332.972	3603.076	5735.697	8914.947 *
1.0	0.000	0.000	61.568	275.741	872.438	1569.482	2361.407	3653.307	5841.578	9109.486 *
0.0	0.000	0.000	61.462	275.621	873.860	1574.213	2370.148	3667.444	5866.885	9149.969 *
-1.0	0.000	0.000	61.557	276.012	876.448	1579.115	2376.212	3676.998	5880.860	9168.742 *
-3.0	0.000	0.000	61.746	276.792	881.617	1582.921	2377.186	3673.564	5852.252	9091.391 *
-5.0	0.000	0.000	61.935	275.165	875.615	1578.673	2363.261	3639.555	5747.707	8859.671 *
-7.0	0.000	0.000	60.869	273.626	869.928	1566.328	2334.477	3574.566	5567.263	8474.012 *
-9.0	0.000	0.000	60.235	271.307	860.517	1545.887	2290.956	3478.451	5311.718	8066.773 *
-11.0	0.000	0.000	59.395	268.208	847.354	1517.382	2232.899	3351.312	4982.584	7698.123 *
-13.0	0.000	0.000	58.347	264.333	830.420	1480.881	2160.578	3193.496	4655.284	7247.265 *
-15.0	0.000	0.000	57.092	259.682	809.713	1436.485	2074.332	3005.574	4445.935	6718.187 *
-17.0	0.000	0.000	55.631	254.262	785.242	1384.328	1985.970	2885.596	4202.359	6115.375
-19.5	0.000	0.000	53.517	246.415	749.397	1327.004	1898.479	2719.126	3851.972	5271.333
-22.5	0.000	0.000	50.562	235.448	698.772	1259.160	1775.876	2490.362	3369.172	4544.941
-25.5	0.000	0.000	47.157	222.823	640.015	1179.043	1635.069	2232.339	2952.419	3938.578
-29.0	0.000	0.000	42.625	206.055	561.503	1070.647	1449.335	1965.778	2569.385	3178.251
-33.0	0.000	0.000	36.731	184.299	491.464	932.676	1279.816	1689.724	2104.061	2620.638
-37.5	0.000	0.000	29.221	158.530	405.388	770.800	1070.232	1386.936	1726.343	2042.679
-42.5	0.000	0.000	19.842	130.718	297.740	572.254	832.282	1097.357	1342.325	1554.838
-47.5	0.000	0.000	9.447	100.044	243.274	422.246	583.754	807.316	1003.600	1179.150
-55.0	0.000	0.000	6.240	57.418	158.200	245.626	300.333	425.222	534.107	629.615
-65.0	0.000	0.000	2.303	13.728	60.831	107.038	140.672	171.850	199.360	221.685
-75.0	0.000	0.000	0.000	2.687	8.876	15.645	28.217	39.682	48.999	56.296
-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

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-38NF.IES

CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	<u>-25.5</u>	<u>-22.5</u>	<u>-19.5</u>	<u>-17.0</u>	<u>-15.0</u>	<u>-13.0</u>	<u>-11.0</u>	<u>-9.0</u>	<u>-7.0</u>	<u>-5.0</u>
90.0	0.000	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	70.832	75.307	79.240	82.101	84.114	85.881	87.403	88.678	89.707	91.247
65.0	238.422	247.126	254.948	260.743	264.878	268.548	271.734	274.419	276.585	278.216
55.0	545.419	595.727	639.806	671.503	693.563	712.701	728.937	742.300	752.830	760.576
47.5	940.555	1001.670	1068.278	1128.185	1180.470	1225.279	1262.793	1293.238	1316.882	1334.037
42.5	1286.090	1402.859	1509.853	1586.846	1674.726	1765.810	1845.242	1912.367	1966.559	2007.232
37.5	1779.493	2022.943	2241.639	2414.263	2543.708	2742.476	2919.991	3074.338	3203.606	3305.940
33.0	2424.817	2808.662	3253.955	3591.220	3857.152	4103.047	4476.692	4866.137	5195.232	5459.022
29.0	3258.324	3807.411	4497.360	5309.118	5913.301	6502.905	*7040.369	*7519.007	*8087.029	*8671.014 *
25.5	4037.834	5169.758	6362.336	*7269.797	*8352.193	*9569.804	*10718.511	*11741.323	*12621.960	*13343.977 *
22.5	5193.096	6586.256	*8225.508	*10151.274	*11587.476	*12914.849	*14252.093	*15931.265	*17377.441	*18560.863 *
19.5	6408.541	*8237.970	*10926.209	*13047.947	*15013.322	*17224.154	*19241.144	*21177.701	*22878.698	*24297.070 *
17.0	7334.802	*10119.723	*12990.847	*15997.198	*18589.011	*21027.075	*23278.101	*25829.711	*28257.745	*30285.106 *
15.0	8405.668	*11484.352	*14860.121	*18479.550	*21251.694	*24023.957	*27176.078	*30042.949	*32711.482	*35017.167 *
13.0	9556.075	*12731.449	*16924.161	*20745.385	*23837.657	*27479.756	*30919.159	*34094.317	*37000.444	*39705.399 *
11.0	10573.165	*13914.579	*18775.523	*22758.810	*26700.808	*30607.207	*34347.472	*37972.668	*41293.228	*44288.284 *
9.0	11445.940	*15365.043	*20406.780	*24986.385	*29171.921	*33331.622	*37510.776	*41591.006	*45333.024	*48617.090 *
7.0	12164.200	*16554.072	*21747.174	*26935.231	*31318.908	*35677.189	*40255.820	*44723.278	*48867.016	*51874.828 *
5.0	12719.141	*17463.656	*22770.069	*28431.802	*32979.811	*37701.537	*42512.798	*47223.250	*51113.728	*54600.732 *
3.0	13103.934	*18079.951	*23607.021	*29433.152	*34088.623	*39061.086	*44073.994	*48803.890	*52787.729	*56654.404 *
1.0	13314.252	*18394.646	*24046.687	*29909.778	*34679.103	*39684.374	*44776.348	*49433.223	*53603.862	*57977.696 *
0.0	13353.410	*18438.065	*24093.046	*29947.133	*34630.402	*39708.318	*44786.234	*49411.829	*53585.104	*57758.378 *
-1.0	13391.576	*18480.623	*24137.441	*29987.844	*34743.099	*39720.132	*44772.403	*49394.864	*53544.457	*57880.222 *
-3.0	13333.936	*18337.477	*23882.892	*29672.548	*34289.044	*39184.007	*44086.476	*48697.247	*52626.045	*56411.964 *
-5.0	13096.042	*17891.555	*23237.701	*28847.355	*33336.589	*37954.717	*42606.573	*47101.829	*50961.031	*54439.733 *
-7.0	12678.784	*17150.495	*22397.529	*27549.356	*31861.994	*36121.775	*40542.958	*44858.544	*48847.787	*51859.688 *
-9.0	12086.116	*16127.612	*21236.081	*25826.418	*29938.070	*34037.982	*38125.651	*42073.584	*45679.926	*48841.222 *
-11.0	11324.630	*14840.546	*19779.548	*23842.772	*27742.317	*31603.066	*35310.740	*38862.755	*42087.453	*45042.413 *
-13.0	10403.005	*13773.511	*18097.723	*22009.076	*25167.213	*28778.008	*32200.762	*35378.733	*38296.217	*41014.928 *
-15.0	9331.370	*12616.739	*16196.048	*19913.325	*22778.655	*25635.404	*28786.035	*31671.497	*34401.898	*36813.785 *
-17.0	8314.944	*11323.481	*14438.181	*17592.086	*20280.562	*22829.436	*25207.161	*27812.472	*30314.726	*32451.500 *
-19.5	7399.869	*9506.584	*12437.217	*14783.288	*16897.472	*19219.778	*21361.618	*23437.266	*25301.613	*26905.378 *
-22.5	6143.587	7830.283	*9774.541	*11914.016	*13532.750	*15052.620	*16569.651	*18369.039	*19953.273	*21290.352 *
-25.5	4906.212	6301.451	7805.579	*8998.190	*10272.356	*11654.228	*12961.731	*14148.364	*15195.569	*16084.068 *
-29.0	4033.108	4777.005	5703.571	6761.756	*7567.965	*8351.762	*9080.102	*9744.037	*10469.286	*1187.974 *
-33.0	3074.025	3590.456	4218.961	4717.670	5115.284	5494.601	6017.244	6556.359	*7026.127	*7419.480 *
-37.5	2360.674	2685.074	2988.691	3233.999	3423.554	3722.747	3998.839	4248.381	4467.813	4653.531
-42.5	1782.008	1962.278	2132.576	2264.790	2399.455	2537.261	2662.406	2773.848	2870.552	2951.513
-47.5	1326.072	1444.401	1560.433	1659.694	1742.931	1818.953	1887.475	1948.232	2000.980	2045.499
-55.0	733.883	819.466	896.758	954.407	995.975	1033.410	1066.643	1095.613	1120.274	1140.590
-65.0	237.700	250.004	261.604	270.588	277.242	283.356	288.868	293.717	297.840	301.178
-75.0	58.445	59.743	60.535	60.812	60.782	60.531	60.061	59.373	58.469	57.990
-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									
	<u>-3.0</u>	<u>-1.0</u>	<u>0.0</u>	<u>1.0</u>	<u>3.0</u>	<u>5.0</u>	<u>7.0</u>	<u>9.0</u>	<u>11.0</u>	<u>13.0</u>
90.0	0.000	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	91.302	91.357	91.384	92.369	94.340	96.310	96.687	97.561	98.120	98.349
65.0	279.947	279.888	279.859	280.793	282.659	282.677	282.748	282.205	281.040	279.248

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CANDELA TABULATION - (Cont.)

55.0	768.500	768.279	768.168	770.422	774.929	771.414	768.163	762.284	753.772	742.629
47.5	1345.053	1350.316	1350.919	1356.616	1363.739	1364.465	1357.991	1343.563	1320.485	1288.127
42.5	2033.853	2045.951	2046.427	2060.807	2077.911	2078.976	2063.490	2031.055	1981.384	1914.303
37.5	3379.575	3422.886	3432.713	3461.077	3492.238	3487.400	3444.564	3362.109	3238.806	3073.836
33.0	5652.829	5772.406	5803.185	5865.132	5925.302	5894.331	5765.852	5534.845	5197.753	4845.509
29.0	9099.606	9362.808	9429.721	9543.749	9632.494	9526.515	9217.783	8871.662	8559.335	8116.487 *
25.5	13891.515	14250.202	14354.865	14543.117	14756.031	14738.319	14479.378	13973.957	13221.989	12228.037 *
22.5	19452.816	20027.655	20189.511	20435.749	20658.482	20509.802	19984.019	19084.815	17824.079	16678.031 *
19.5	25550.614	26394.764	26629.670	26946.855	27183.988	26941.236	26402.143	25423.648	24018.472	22075.622 *
17.0	31844.865	32874.892	33175.199	33565.162	33881.795	33572.081	32648.749	31146.706	29030.902	26870.760 *
15.0	36822.973	38128.261	38411.622	38962.924	39275.890	38953.141	37930.239	36176.125	33652.538	30718.162 *
13.0	41828.622	43263.443	43695.610	44178.544	44553.509	44184.159	43154.546	41001.996	38181.517	34947.803 *
11.0	46761.228	48461.724	48979.597	49486.175	49799.208	49246.005	47773.168	45416.582	42489.011	38922.683 *
9.0	51190.096	52895.649	53456.795	54004.569	54554.072	54229.515	52088.547	49355.552	46234.321	42574.219 *
7.0	54494.786	56492.284	57127.203	57630.375	57963.441	57339.921	55976.779	52926.681	49433.106	45665.744 *
5.0	57577.478	60217.838	60797.611	61390.839	61180.637	59874.699	58182.806	55959.232	51972.378	47887.074 *
3.0	59528.952	61231.833	611919.989	62440.027	62864.959	61991.588	59804.808	57522.485	53800.128	49526.117 *
1.0	60133.360	62245.381	63042.366	63357.068	63329.305	63216.157	60699.885	58305.518	54880.843	50525.549 *
0.0	60096.449	62434.520	63603.555	63540.697	63414.980	63289.263	60894.166	58499.069	55126.753	50777.216 *
-1.0	60032.715	62170.235	63022.277	63222.810	63136.822	63029.737	60566.929	58202.712	54818.129	50506.390 *
-3.0	59303.573	61101.538	61859.722	62239.180	62462.227	61499.124	59425.930	57223.867	53636.671	49484.398 *
-5.0	57372.704	60052.567	60697.167	61157.071	60757.802	59442.429	57724.275	55521.354	51773.999	47866.184 *
-7.0	54520.418	56626.399	57337.811	57691.129	57761.655	56996.341	55601.788	52700.717	49338.688	45727.210 *
-9.0	51479.966	53326.949	53978.454	54360.555	54613.547	54068.851	52053.074	49454.189	46449.600	42898.515 *
-11.0	47548.077	49361.306	49973.018	50317.001	50384.153	49676.670	48175.219	45910.872	43073.758	39603.091 *
-13.0	43207.945	44785.518	45321.502	45642.444	45760.974	45215.457	44076.042	41938.954	39175.785	36014.944 *
-15.0	38769.494	40265.364	40669.986	41049.605	41080.498	40539.919	39378.075	37576.754	35083.394	32198.331 *
-17.0	34158.972	35376.936	35786.477	36038.574	36116.057	35624.691	34584.161	33032.081	30900.835	28643.776 *
-19.5	28319.669	29343.997	29682.091	29888.271	29933.789	29530.074	28818.272	27707.146	26212.085	24169.363 *
-22.5	22348.357	23097.577	23348.305	23513.243	23578.916	23287.877	22642.188	21651.696	20332.671	19052.232 *
-25.5	16794.690	17309.410	17488.256	17620.368	17714.192	17572.842	17190.880	16567.644	15706.907	14616.245 *
-29.0	11746.813	12133.224	12258.281	12337.636	12350.728	12163.876	11772.752	11323.425	10879.897	10302.269 *
-33.0	7729.557	7949.916	8024.610	8068.377	8079.404	7984.306	7779.223	7461.615	7030.299	6577.838 *
-37.5	4801.958	4909.639	4947.177	4967.299	4972.372	4929.072	4835.989	4692.149	4497.011	4250.476
-42.5	3015.766	3062.414	3078.876	3089.012	3094.921	3081.320	3047.875	2994.380	2920.746	2827.006
-47.5	2081.598	2109.119	2119.622	2123.423	2124.142	2115.181	2095.983	2066.046	2024.932	1972.270
-55.0	1161.465	1168.649	1172.243	1173.787	1176.873	1166.472	1156.767	1142.969	1125.185	1103.529
-65.0	304.751	305.380	305.695	308.007	312.630	314.171	315.840	316.535	316.264	315.037
-75.0	56.255	54.520	53.653	55.139	58.112	61.083	62.755	64.844	66.689	68.281
-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

	<u>15.0</u>	<u>17.0</u>	<u>19.5</u>	<u>22.5</u>	<u>25.5</u>	<u>29.0</u>	<u>33.0</u>	<u>37.5</u>	<u>42.5</u>	<u>47.5</u>
90.0	0.000	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	98.235	97.764	96.652	94.521	91.484	86.753	78.083	66.691	52.137	35.649
65.0	276.827	273.774	269.067	262.117	253.753	242.766	228.322	209.034	185.256	157.387
55.0	728.864	712.493	688.407	654.273	614.781	565.509	507.029	431.220	334.359	290.904
47.5	1245.930	1193.410	1135.504	1073.315	1014.419	933.237	829.656	724.452	593.498	460.209
42.5	1829.753	1744.386	1671.414	1559.540	1427.827	1245.145	1111.168	942.102	773.844	610.141
37.5	2866.781	2750.350	2582.312	2342.553	2060.261	1784.538	1509.634	1214.674	968.507	764.295
33.0	4632.192	4368.614	3969.920	3396.557	2906.664	2482.134	1960.796	1565.029	1185.259	898.993
29.0	7543.560	6831.168	5779.942	4877.767	4139.393	3201.030	2570.780	1919.135	1385.010	1050.197
25.5	10970.793	9713.514	8559.733	6949.970	5357.014	4283.243	3107.999	2290.826	1645.920	1187.664

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CANDELA TABULATION - (Cont.)

22.5	15256.2861	3621.8941	1308.6769	162.551	7181.589	5219.199	3746.536	2680.355	1855.636	1298.980
19.5	19819.6851	7667.2511	5119.6041	1706.7439	160.860	6409.510	4551.117	3046.205	2050.704	1403.328
17.0	24380.3822	1604.6611	8170.5591	4491.6111	10731.3197	820.644	5190.697	3330.120	2200.737	1499.756
15.0	27902.8442	4910.8462	20838.4381	6598.4131	2401.9978	885.339	5676.407	3548.614	2356.225	1590.903
13.0	31382.1152	8052.0472	3699.8321	8569.1391	4164.2599	877.633	6134.639	3917.204	2514.853	1674.106
11.0	35046.5513	0990.5142	6324.4402	0410.4251	5759.6371	10787.8926	788.087	4253.156	2657.828	1748.937
9.0	38374.0223	3920.2742	8649.9072	2449.2751	17170.0241	1605.8177	462.039	4552.872	2784.110	1814.978
7.0	41167.0173	6454.7983	0660.1742	4192.5051	8377.2471	2478.1548	040.372	4812.645	2892.675	1871.826
5.0	43436.9213	8508.7713	2312.9432	5609.9231	9363.8781	3318.6298	515.504	5028.757	2982.534	1919.097
3.0	45119.2244	0030.9663	3644.2952	6674.0302	0114.1501	3950.7198	880.262	5197.550	3052.754	1956.433
1.0	46243.7424	0982.9893	4509.7852	7362.1562	0614.9651	4365.5999	128.121	5315.537	3102.477	1983.511
0.0	46427.6794	1238.3033	4751.5822	7559.9752	0768.6841	4489.4939	206.412	5354.461	3119.410	1993.112
-1.0	46255.8174	1023.8963	4577.3332	7440.0102	0696.5181	4443.0569	189.026	5353.254	3122.724	1996.194
-3.0	45169.7124	0162.6553	3853.0992	6909.3542	0358.8961	4183.1699	061.810	5309.425	3113.130	1994.310
-5.0	43560.6903	8756.8153	2677.6352	6007.8481	9772.0741	3706.2988	814.240	5210.991	3081.957	1981.646
-7.0	41416.2153	6857.8433	1187.2872	4761.1121	8949.3081	3021.4078	450.687	5059.031	3029.365	1958.190
-9.0	38815.4693	4525.4172	9353.9622	3198.9861	7906.4921	2294.7557	976.376	4854.973	2955.635	1923.976
-11.0	35828.4353	1865.8772	7221.7442	1353.3071	6661.1531	1601.2077	397.201	4600.535	2861.148	1879.086
-13.0	32532.1022	9191.3152	4826.9241	9688.2831	5231.5281	0800.1216	822.109	4297.691	2746.384	1823.643
-15.0	29342.8652	6307.9942	2209.0421	7889.9311	3635.7569	900.583	6412.194	3948.604	2611.909	1757.815
-17.0	26080.7052	3253.6121	9740.8781	5936.9981	2087.9818	911.512	5953.871	3760.851	2477.194	1681.807
-19.5	21834.7521	9570.0871	6861.1601	3314.0701	0551.5947	554.381	5317.937	3506.674	2351.118	1599.757
-22.5	17454.7061	5669.4721	3202.6881	0801.0398	561.286	6306.352	4467.809	3161.589	2177.036	1505.757
-25.5	13240.4151	1819.0301	0402.3718	510.609	6658.284	5252.097	3771.392	2776.298	1979.498	1397.575
-29.0	9593.440	8708.084	7430.531	6253.104	5237.781	3999.915	3205.976	2394.223	1721.500	1254.330
-33.0	6255.383	5873.997	5277.228	4454.772	3780.908	3219.609	2549.043	2016.948	1500.238	1087.566
-37.5	3952.851	3795.775	3574.692	3226.769	2836.566	2440.374	2040.467	1615.516	1234.337	933.083
-42.5	2713.305	2596.108	2479.769	2298.817	2076.849	1793.304	1544.289	1254.672	987.582	742.616
-47.5	1907.754	1831.151	1740.480	1633.305	1503.166	1334.440	1141.648	961.216	751.544	547.368
-55.0	1078.122	1049.096	1007.929	951.732	887.836	792.672	677.530	541.664	384.989	316.780
-65.0	312.866	309.766	304.606	296.576	286.602	270.225	243.820	212.418	180.391	146.087
-75.0	69.611	70.673	71.612	72.151	72.032	71.038	65.219	56.868	45.481	31.838
-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	24.524	9.147	0.000	0.000	0.000
65.0	109.980	41.385	9.578	0.000	0.000
55.0	216.211	112.102	26.618	0.000	0.000
47.5	302.654	163.939	39.141	0.000	0.000
42.5	362.151	196.958	56.824	0.000	0.000
37.5	479.650	227.347	72.977	0.000	0.000
33.0	578.430	258.657	86.096	0.000	0.000
29.0	660.593	287.425	96.553	0.000	0.000
25.5	733.528	310.861	104.725	0.000	0.000
22.5	791.573	329.500	110.975	0.000	0.000
19.5	845.064	346.661	116.507	0.000	0.000
17.0	885.858	359.732	120.556	0.000	0.000
15.0	915.839	369.324	123.421	0.000	0.000
13.0	943.320	378.100	125.949	0.000	0.000
11.0	968.174	386.017	128.136	0.000	0.000
9.0	990.273	393.032	129.979	0.000	0.000

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-38NF.IES

CANDELA TABULATION - (Cont.)

7.0	1009.493	399.102	131.476	0.000	0.000
5.0	1025.715	404.185	133.725	0.000	0.000
3.0	1042.567	409.485	133.816	0.000	0.000
1.0	1049.135	411.364	133.907	0.000	0.000
0.0	1052.423	412.305	133.953	0.000	0.000
-1.0	1054.327	412.013	133.783	0.000	0.000
-3.0	1058.131	411.429	133.444	0.000	0.000
-5.0	1051.278	407.350	133.106	0.000	0.000
-7.0	1044.748	403.430	130.624	0.000	0.000
-9.0	1034.695	398.420	128.899	0.000	0.000
-11.0	1021.100	392.333	126.837	0.000	0.000
-13.0	1003.955	385.187	124.444	0.000	0.000
-15.0	983.266	376.999	121.725	0.000	0.000
-17.0	959.051	367.790	118.685	0.000	0.000
-19.5	923.867	354.872	114.444	0.000	0.000
-22.5	874.549	337.370	108.726	0.000	0.000
-25.5	817.668	317.762	102.342	0.000	0.000
-29.0	742.063	292.341	94.086	0.000	0.000
-33.0	652.675	260.111	83.636	0.000	0.000
-37.5	539.313	224.873	70.663	0.000	0.000
-42.5	397.615	192.551	54.850	0.000	0.000
-47.5	322.372	157.171	37.695	0.000	0.000
-55.0	210.791	103.797	25.527	0.000	0.000
-65.0	97.466	38.082	9.143	0.000	0.000
-75.0	21.910	8.374	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

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-38NF.IES

LUMEN TABULATION

Average Of Right And Left Sides

Total Luminaire Lumens (one side of beam only) = 15656.23

Total Field Lumens (one side of beam only) = 13229.61

* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	<u>0</u>	<u>1</u>	<u>3</u>	<u>5</u>	<u>7</u>	<u>9</u>	<u>11</u>	<u>13</u>	<u>15</u>	<u>17</u>
90										
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.14	0.28	0.28	0.28	0.28	0.28	0.28	0.27	0.27	0.32
65	0.57	1.14	1.14	1.13	1.12	1.11	1.10	1.08	1.05	1.28
55	1.60	3.20	3.19	3.16	3.12	3.07	3.01	2.93	2.84	3.41
47.5	2.42	4.85	4.83	4.79	4.72	4.62	4.49	4.33	4.15	4.91
42.5	2.59	5.19	5.17	5.11	5.01	4.87	4.69	4.48	4.24	4.99
37.5	4.18	8.36	8.30	8.16	7.94	7.64	7.26	6.80	6.37	7.46
33	6.34	12.66	12.51	12.19	11.69	11.03	10.26	9.53	8.90	10.24
29	9.29 *	18.53 *	18.19 *	17.51 *	16.61 *	15.62 *	14.55 *	13.45	12.31	13.60
25.5	12.70 *	25.33 *	24.90 *	24.04 *	22.83 *	21.43 *	19.80 *	17.90 *	15.86 *	17.19 *
22.5	15.80 *	31.51 *	30.97 *	29.90 *	28.32 *	26.27 *	24.00 *	21.63 *	19.09 *	20.40 *
19.5	21.41 *	42.61 *	41.74 *	40.20 *	38.07 *	35.31 *	32.23 *	28.94 *	25.51 *	27.14 *
17	22.79 *	45.33 *	44.36 *	42.65 *	40.30 *	37.34 *	34.03 *	30.48 *	26.74 *	28.37 *
15	21.83 *	43.43 *	42.49 *	40.80 *	38.42 *	35.45 *	32.14 *	28.78 *	25.34 *	26.73 *
13	25.03 *	49.77 *	48.67 *	46.75 *	44.06 *	40.68 *	36.81 *	32.74 *	28.78 *	30.47 *
11	28.23 *	56.06 *	54.75 *	52.51 *	49.42 *	45.66 *	41.40 *	36.79 *	32.14 *	34.04 *
9	31.20 *	61.97 *	60.57 *	57.99 *	54.42 *	50.23 *	45.59 *	40.60 *	35.42 *	37.39 *
7	33.67 *	66.85 *	65.37 *	62.76 *	58.95 *	54.30 *	49.26 *	43.93 *	38.41 *	40.45 *
5	35.91 *	71.07 *	69.11 *	66.32 *	62.59 *	57.75 *	52.31 *	46.67 *	40.88 *	43.00 *
3	37.37 *	74.04 *	72.06 *	68.92 *	65.06 *	60.28 *	54.60 *	48.74 *	42.75 *	44.97 *
1	38.01 *	75.36 *	73.79 *	70.69 *	66.51 *	61.73 *	56.06 *	50.09 *	43.99 *	46.31 *
0	19.22 *	37.94 *	37.16 *	35.67 *	33.51 *	31.14 *	28.32 *	25.32 *	22.26 *	23.46 *
-1	19.21 *	37.90 *	37.12 *	35.64 *	33.49 *	31.12 *	28.32 *	25.33 *	22.27 *	23.48 *
	37.96 *	75.14 *	73.50 *	70.43 *	66.31 *	61.62 *	56.04 *	50.15 *	44.11 *	46.52 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-38NF.IES

LUMENS TABULATION - (Cont.)

-3	37.29 *	73.74 *	71.66 *	68.54 *	64.74 *	60.09 *	54.61 *	48.89 *	43.01 *	45.40 *
-5	35.91 *	70.92 *	68.85 *	66.02 *	62.34 *	57.66 *	52.43 *	46.97 *	41.31 *	43.66 *
-7	33.86 *	67.03 *	65.35 *	62.70 *	59.01 *	54.53 *	49.64 *	44.45 *	39.06 *	41.39 *
-9	31.62 *	62.62 *	61.02 *	58.41 *	54.94 *	50.88 *	46.35 *	41.45 *	36.36 *	38.63 *
-11	28.99 *	57.38 *	55.89 *	53.56 *	50.48 *	46.77 *	42.57 *	38.02 *	33.41 *	35.59 *
-13	26.17 *	51.84 *	50.50 *	48.43 *	45.66 *	42.27 *	38.42 *	34.35 *	30.34 *	32.32 *
-15	23.27 *	46.10 *	44.90 *	43.03 *	40.54 *	37.51 *	34.16 *	30.71 *	27.16 *	28.86 *
-17	24.90 *	49.31 *	48.06 *	46.11 *	43.55 *	40.43 *	36.97 *	33.24 *	29.33 *	31.34 *
-19.5	24.20 *	47.95 *	46.76 *	44.92 *	42.50 *	39.52 *	36.19 *	32.63 *	28.91 *	30.97 *
-22.5	18.64 *	36.98 *	36.16 *	34.81 *	32.97 *	30.67 *	28.14 *	25.46 *	22.60 *	24.30 *
-25.5	15.84 *	31.43 *	30.74 *	29.59 *	28.09 *	26.36 *	24.39 *	22.14 *	19.72 *	21.40 *
-29	12.34 *	24.47 *	23.90 *	22.96 *	21.76 *	20.43 *	18.99 *	17.51 *	15.99 *	17.61 *
-33	8.88 *	17.63 *	17.29 *	16.73 *	15.97	15.02	13.94	12.90	11.98	13.70
-37.5	6.11	12.14	11.96	11.68	11.29	10.79	10.21	9.54	8.92	10.43
-42.5	3.96	7.88	7.79	7.65	7.46	7.23	6.95	6.62	6.26	7.35
-47.5	3.76	7.49	7.41	7.29	7.14	6.95	6.72	6.46	6.16	7.25
-55	2.25	4.50	4.47	4.40	4.33	4.23	4.12	3.99	3.84	4.57
-65	0.55	1.11	1.11	1.11	1.11	1.10	1.09	1.07	1.05	1.27
-75	0.08	0.17	0.18	0.18	0.19	0.19	0.19	0.19	0.19	0.24
-85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-90										
Total	766.13	1519.23	1484.19	1425.75	1346.8	1251.16	1142.64	1027.54	909.29	972.38

Vert. Horizontal Angles

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	0.37	0.35	0.37	0.37	0.34	0.28	0.18	0.16	0.09	0.02
75	1.47	1.39	1.51	1.55	1.50	1.34	1.00	0.95	0.52	0.10
65	3.85	3.56	3.76	3.78	3.58	3.12	2.35	2.40	1.47	0.35
55	5.48	5.04	5.29	5.25	4.91	4.20	3.08	3.05	1.92	0.50

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-38NF.IES

LUMENS TABULATION - (Cont.)

47.5										
	5.56	5.06	5.24	5.14	4.80	4.14	2.99	2.78	1.69	0.47
42.5	8.18	7.24	7.26	6.96	6.32	5.37	3.89	3.57	2.10	0.58
37.5	10.85	9.27	9.09	8.42	7.34	6.08	4.34	4.00	2.31	0.62
33	13.82	11.53	10.94	9.73	8.24	6.56	4.56	4.17	2.37	0.62
29	17.17 *	13.73	12.50	10.79	8.78	6.78	4.61	4.16	2.33	0.60
25.5	19.94 *	15.54 *	13.65	11.30	8.89	6.73	4.45	3.94	2.19	0.55
22.5	26.00 *	19.92 *	17.06 *	13.55	10.41	7.59	4.88	4.26	2.35	0.58
19.5	27.13 *	20.40 *	17.13 *	13.40	9.86	6.94	4.38	3.79	2.07	0.50
17	25.50 *	19.11 *	15.88 *	12.21 *	8.62	5.95	3.73	3.19	1.72	0.41
15	28.94 *	21.69 *	17.99 *	13.44 *	9.29	6.38	3.95	3.34	1.78	0.42
13	32.28 *	24.14 *	20.01 *	14.67 *	10.08	6.84	4.16	3.47	1.82	0.43
11	35.46 *	26.52 *	21.81 *	15.91 *	10.93	7.26	4.34	3.59	1.87	0.44
9	38.39 *	28.74 *	23.43 *	17.11 *	11.72	7.62	4.50	3.69	1.90	0.45
7	40.80 *	30.56 *	24.89 *	18.24 *	12.37 *	7.93	4.64	3.77	1.93	0.45
5	42.69 *	31.96 *	26.07 *	19.17 *	12.88 *	8.17	4.74	3.84	1.96	0.46
3	44.00 *	32.90 *	26.89 *	19.82 *	13.25 *	8.35	4.82	3.89	1.98	0.46
1	22.30 *	16.67 *	13.64 *	10.07 *	6.72 *	4.22	2.43	1.96	0.99	0.23
0	22.34 *	16.71 *	13.68 *	10.10 *	6.74 *	4.23	2.44	1.96	1.00	0.23
-1	44.28 *	33.17 *	27.17 *	20.07 *	13.43 *	8.46	4.88	3.94	2.00	0.46
-3	43.25 *	32.49 *	26.63 *	19.66 *	13.24 *	8.39	4.86	3.93	1.99	0.46
-5	41.65 *	31.37 *	25.72 *	18.96 *	12.89 *	8.25	4.82	3.90	1.98	0.45
-7	39.54 *	29.81 *	24.52 *	18.06 *	12.39 *	8.04	4.74	3.86	1.96	0.45
-9	36.92 *	27.86 *	23.13 *	17.05 *	11.74	7.76	4.63	3.80	1.94	0.44
-11	34.03 *	25.73 *	21.55 *	15.98 *	11.00	7.42	4.50	3.72	1.91	0.44
-13	30.99 *	23.49 *	19.73 *	14.88 *	10.29	7.01	4.33	3.62	1.87	0.43
-15	27.80 *	21.11 *	17.77 *	13.75 *	9.68	6.63	4.15	3.50	1.82	0.42
-17	30.27 *	23.07 *	19.61 *	15.40 *	11.26	7.87	4.95	4.20	2.21	0.51
-19.5	29.98 *	23.20 *	20.02 *	15.93	12.12	8.78	5.61	4.79	2.52	0.59

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-38NF.IES

LUMENS TABULATION - (Cont.)

-22.5	23.87 *	18.69 *	16.46 *	13.55	10.58	7.97	5.21	4.49	2.36	0.55
-25.5	21.34 *	17.05 *	15.43	13.19	10.71	8.24	5.50	4.79	2.53	0.60
-29	17.79	14.69	13.81	12.24	10.35	8.17	5.54	4.85	2.58	0.62
-33	14.40	12.21	11.93	11.01	9.52	7.74	5.33	4.67	2.50	0.61
-37.5	11.38	10.03	10.00	9.45	8.40	6.91	4.81	4.16	2.23	0.57
-42.5	8.13	7.32	7.43	7.11	6.40	5.30	3.66	3.17	1.75	0.46
-47.5	8.04	7.28	7.45	7.14	6.39	5.20	3.59	3.30	1.93	0.49
-55	5.11	4.66	4.81	4.66	4.21	3.44	2.45	2.40	1.41	0.33
-65	1.47	1.39	1.51	1.54	1.45	1.28	0.94	0.87	0.48	0.10
-75	0.28	0.27	0.31	0.32	0.29	0.25	0.16	0.14	0.08	0.01
-85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	943.04	726.92	623.09	490.94	363.90	259.20	165.14	142.04	76.40	18.48

Vert. Angles	Horizontal Angles		
	<u>75</u>	<u>85</u>	<u>90</u>
90			
	0.00	0.00	0.00
85			
	0.00	0.00	5.21
75			
	0.01	0.00	22.05
65			
	0.03	0.00	57.79
55			
	0.04	0.00	82.88
47.5			
	0.04	0.00	84.23
42.5			
	0.06	0.00	124.01
37.5			
	0.07	0.00	167.72
33			
	0.07	0.00	222.26
29			
	0.07	0.00	283.49
25.5			
	0.06	0.00	335.13
22.5			
	0.07	0.00	439.83
19.5			
	0.06	0.00	458.04
17			
	0.05	0.00	431.80

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-38NF.IES

LUMENS TABULATION - (Cont.)

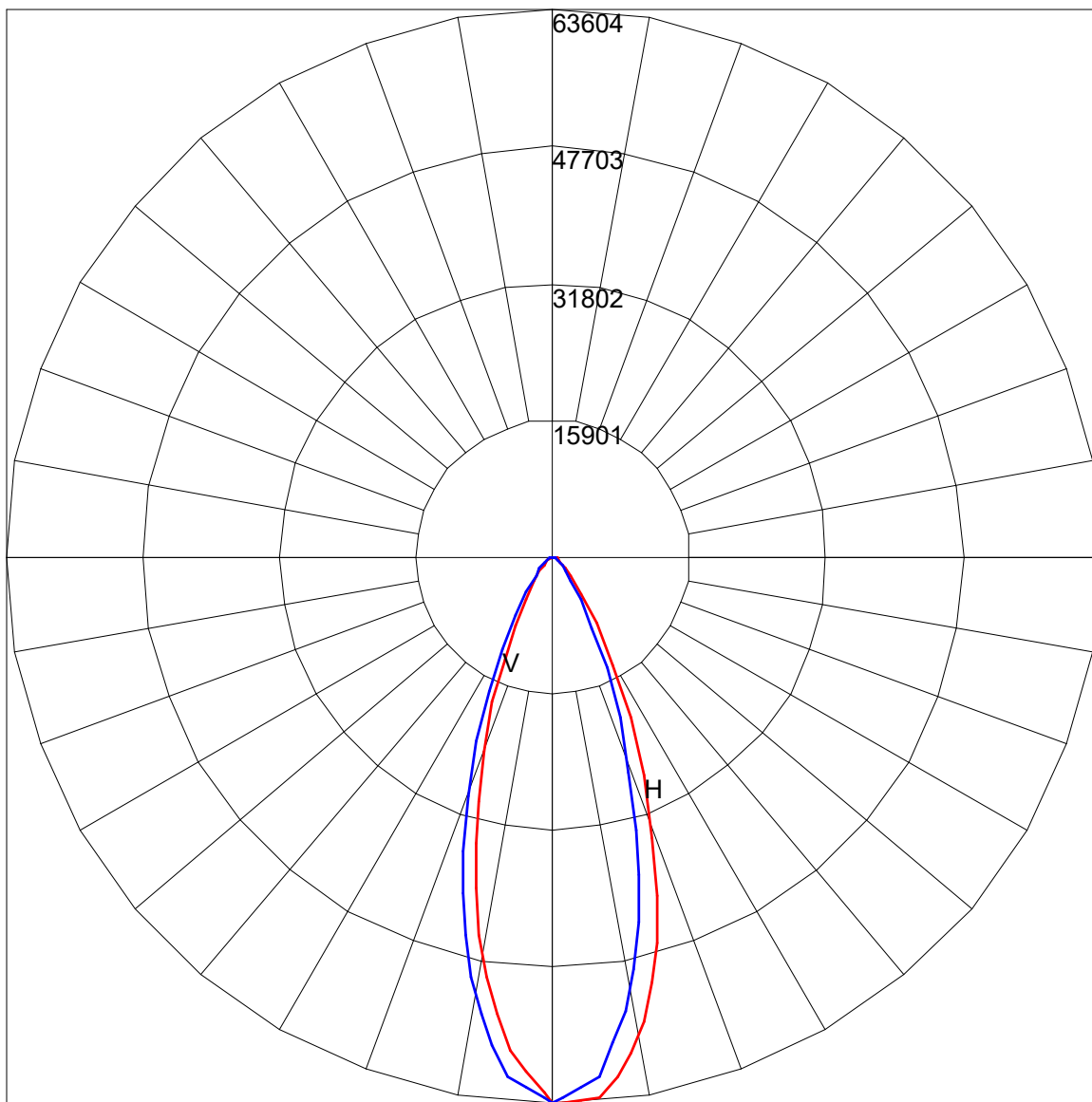
15			
	0.05	0.00	491.03
13			
	0.05	0.00	548.95
11			
	0.05	0.00	603.57
9			
	0.05	0.00	651.56
7			
	0.05	0.00	691.23
5			
	0.05	0.00	720.78
3			
	0.05	0.00	738.97
1			
	0.03	0.00	373.28
0			
	0.03	0.00	373.34
-1			
	0.05	0.00	739.68
-3			
	0.05	0.00	722.94
-5			
	0.05	0.00	696.12
-7			
	0.05	0.00	660.44
-9			
	0.05	0.00	617.61
-11			
	0.05	0.00	568.96
-13			
	0.05	0.00	516.97
-15			
	0.05	0.00	462.93
-17			
	0.06	0.00	502.64
-19.5			
	0.06	0.00	498.18
-22.5			
	0.06	0.00	394.54
-25.5			
	0.07	0.00	349.14
-29			
	0.07	0.00	286.69
-33			
	0.07	0.00	224.04
-37.5			
	0.06	0.00	171.08
-42.5			
	0.04	0.00	119.92
-47.5			
	0.04	0.00	117.48
-55			
	0.03	0.00	74.20
-65			
	0.01	0.00	21.60

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-38NF.IES

LUMENS TABULATION - (Cont.)

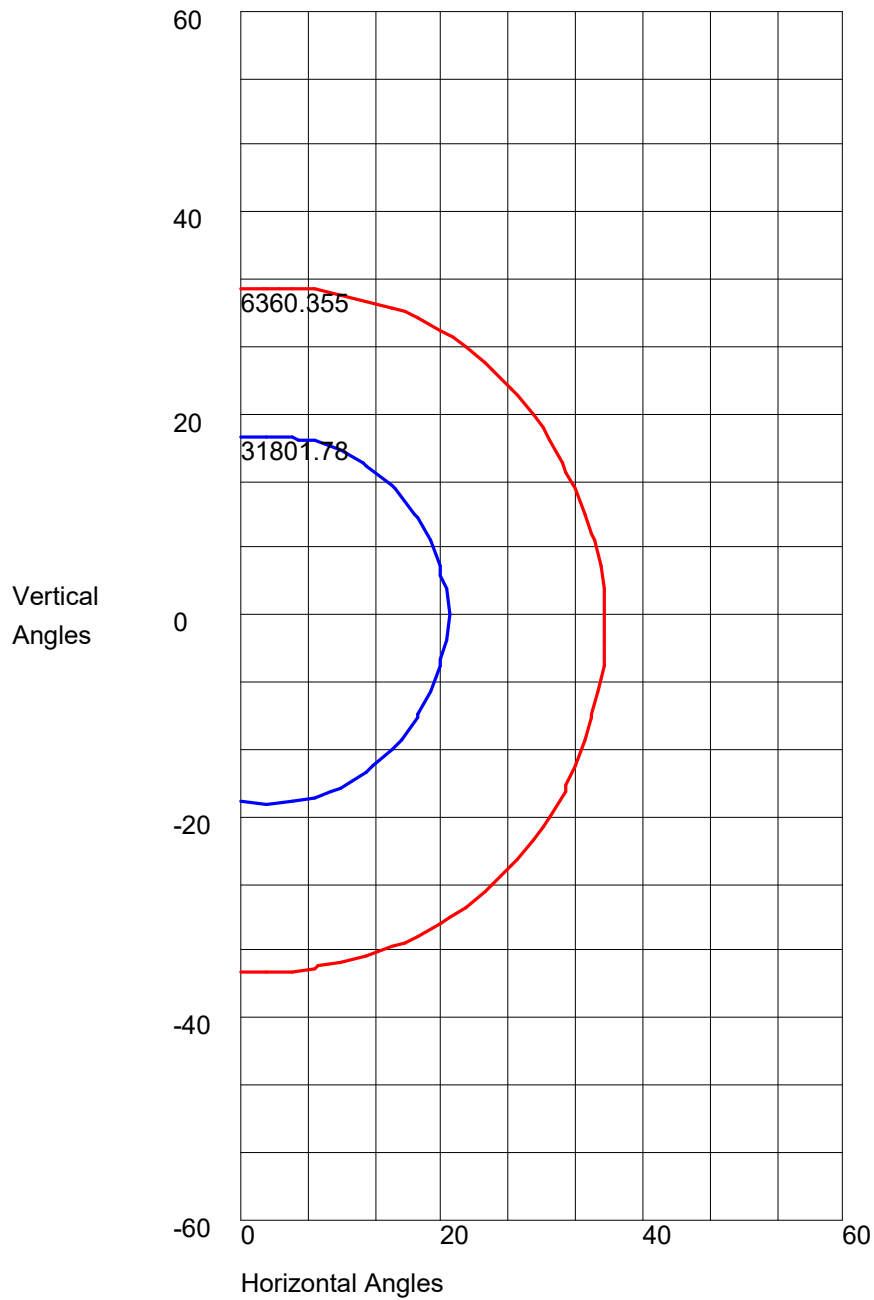
-75	0.00	0.00	3.91
-85	0.00	0.00	0.00
-90			
Total	1.97	0.00	15656.24

AXIAL CANDELA DISPLAY



Maximum Candela = 63603.555 Located At Horizontal Angle = 0, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 63603.555 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 31801.7775
10% Maximum Candela = 6360.3555



IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-60F.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 194029
[TESTLAB] RADIANT IMAGING PROSOURCE
[TESTDATE] 2019-04-16
[ISSUEDATE] 2019-04-16
[MANUFAC] LARSON ELECTRONICS LLC
[LUMCAT] GAU-LTL-250W-LED-60F
[LUMINAIRE] 250W 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	32770.573
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	32400 (1 lamp)
Total Lamp Lumens	32400
Beam Lumens	17835
Beam Efficiency	55 %
Field Lumens	28187
Field Efficiency	87 %
Spill Lumens	3051
Luminaire Lumens	31238
Total Efficiency	96 %
Total Luminaire Watts	250
Ballast Factor	1.00



IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-60F.IES

AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	32.682	90	30.503
85	66.264	85	69.177
75	248.624	75	244.399
65	593.428	65	596.474
55	1432.943	55	1543.01
47.5	3171.98	47.5	3321.885
42.5	5253.531	42.5	5456.038
37.5	8367.448	37.5	8649.177
33	12014.883	33	12377.194
29	15679.394	29	16115.903
25.5	18973.107	25.5	19463.141
22.5	21508.889	22.5	22032.977
19.5	23931.235	19.5	24494.042
17	25716.703	17	26341.073
15	27145.078	15	27818.698
13	28248.403	13	28942.76
11	29351.728	11	30066.823
9	30309.636	9	31057.198
7	31122.129	7	31913.885
5	31934.622	5	32770.573
3	32259.93	3	32761.501
1	32585.238	1	32752.428
0	32747.892	0	32747.892
-1	32567.288	-1	32701.882
-3	32206.079	-3	32609.863
-5	31844.87	-5	32517.844
-7	30995.182	-7	31584.041
-9	30145.493	-9	30650.238
-11	29159.33	-11	29603.55
-13	28036.693	-13	28443.976
-15	26914.056	-15	27284.402
-17	25458.594	-17	25767.766
-19.5	23639.267	-19.5	23871.972
-22.5	21195.731	-22.5	21360.815
-25.5	18647.991	-25.5	18741.73
-29	15371.517	-29	15332.119
-33	11764.227	-33	11626.133
-37.5	8210.95	-37.5	8025.777
-42.5	5194.56	-42.5	5019.27
-47.5	3165.225	-47.5	3052.29
-55	1445.677	-55	1404.236
-65	596.117	-65	555.292
-75	246.081	-75	228.847
-85	62.622	-85	62.253
-90	30.146	-90	31.187

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-60F.IES

CANDELA TABULATION

Maximum Candela = 32770.573
 Beam Edge = 16385.2865 Cd (50% of Max.)
 Field Edge = 3277.0573 Cd (10% of Max.)
 * Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	<u>-90.0</u>	<u>-85.0</u>	<u>-75.0</u>	<u>-65.0</u>	<u>-55.0</u>	<u>-47.5</u>	<u>-42.5</u>	<u>-37.5</u>	<u>-33.0</u>	<u>-29.0</u>
90.0	30.081	30.043	29.966	29.889	29.779	29.671	29.600	29.527	29.462	29.455
85.0	30.087	32.890	38.543	44.094	49.450	53.297	55.715	57.986	59.887	61.480
75.0	30.098	38.509	55.475	83.878	121.424	148.547	171.820	193.191	210.656	224.543
65.0	30.108	43.869	83.006	149.392	240.186	316.577	373.902	432.030	483.434	524.745
55.0	30.118	48.804	117.842	235.178	384.886	529.597	622.191	758.132	866.729	957.441
47.5	30.125	52.135	141.802	302.775	517.385	752.572	932.624	1213.576	1451.997	1735.000
42.5	30.129	54.146	162.390	347.501	605.027	930.670	1269.611	1653.787	2102.352	2487.573
37.5	30.133	55.972	181.006	388.360	739.734	1208.501	1651.978	2255.139	2992.145	3708.349 *
33.0	30.136	57.445	195.950	429.944	849.540	1439.986	2103.230	2995.539	3958.715	*5172.951 *
29.0	30.138	58.612	207.711	466.796	942.040	1719.266	2488.924	3718.285	*5178.473	*6621.479 *
25.5	30.140	59.518	216.779	495.636	1057.564	1969.275	2987.170	4435.805	*6215.064	*8169.093 *
22.5	30.141	60.206	223.615	517.693	1145.492	2161.781	3371.713	*5142.267	*7200.906	*9456.875 *
19.5	30.142	60.811	229.569	537.189	1222.736	2332.786	3713.830	*5774.429	*8230.071	*10733.666 *
17.0	30.143	61.250	233.847	551.415	1278.681	2490.275	3964.440	*6239.801	*8991.123	*11823.075 *
15.0	30.144	61.558	236.816	561.437	1317.792	2642.595	4217.738	*6574.503	*9533.577	*12598.320 *
13.0	30.144	61.828	239.379	570.228	1351.801	2776.190	4467.459	*6991.273	*10013.116	*13288.291 *
11.0	30.145	62.659	241.535	577.766	1380.646	2890.627	4681.672	*7349.980	*10500.597	*13886.848 *
9.0	30.145	62.652	243.282	584.032	1404.278	2985.545	4859.492	*7648.567	*10937.603	*14388.216 *
7.0	30.146	62.645	244.620	589.011	1422.668	3060.653	5000.202	*7885.293	*11285.250	*14797.642 *
5.0	30.146	62.639	246.817	592.689	1435.800	3115.739	5103.269	*8058.803	*11540.679	*15106.502 *
3.0	30.146	62.632	246.523	596.547	1449.528	3150.673	5168.355	*8168.152	*11701.803	*15300.492 *
1.0	30.146	62.625	246.228	596.261	1446.962	3165.415	5195.338	*8212.856	*11767.392	*15377.336 *
0.0	30.146	62.622	246.081	596.117	1445.677	3165.225	5194.560	*8210.950	*11764.227	*15371.517 *
-1.0	30.146	62.622	246.078	595.795	1445.226	3161.194	5187.472	*8199.595	*11747.483	*15350.970 *
-3.0	30.146	62.593	246.072	595.152	1444.324	3138.106	5144.934	*8128.653	*11642.523	*15221.507 *
-5.0	30.146	62.574	246.067	590.384	1427.225	3095.106	5064.822	*7993.915	*11443.349	*14975.223 *
-7.0	30.146	62.554	243.580	585.814	1410.805	3032.417	4947.596	*7796.399	*11152.015	*14614.598 *
-9.0	30.145	62.535	241.956	579.971	1389.267	2950.344	4793.914	*7537.550	*10771.354	*14157.287 *
-11.0	30.145	62.516	239.930	572.877	1362.664	2849.260	4604.605	*7219.169	*10304.871	*13615.578 *
-13.0	30.144	61.665	237.505	564.557	1331.060	2729.606	4380.651	*6843.384	*9791.914	*12982.490 *
-15.0	30.144	61.372	234.684	555.036	1294.537	2591.882	4123.166	*6412.572	*9291.171	*12264.262 *
-17.0	30.143	61.042	231.469	544.341	1253.186	2436.636	3863.913	*6066.828	*8732.187	*11467.305 *
-19.5	30.142	60.578	226.904	529.367	1194.867	2275.361	3607.544	*5592.411	*7957.309	*10360.815 *
-22.5	30.141	59.945	220.638	509.121	1115.459	2100.093	3262.705	4956.669	*6921.860	*9077.191 *
-25.5	30.140	59.232	213.528	486.493	1026.172	1904.986	2880.187	4254.679	*5940.582	*7795.046 *
-29.0	30.138	58.302	204.197	457.232	910.139	1654.118	2390.386	3548.336	*4921.754	*6266.564 *
-33.0	30.136	57.114	192.211	420.240	817.960	1376.272	2007.381	2843.729	3736.155	*4863.525 *
-37.5	30.133	55.625	177.121	378.550	710.145	1148.224	1562.231	2125.171	2804.987	3458.514 *
-42.5	30.129	53.793	158.477	336.994	579.703	877.733	1190.323	1541.065	1951.375	2297.180
-47.5	30.125	51.788	138.007	291.751	494.627	708.459	867.895	1121.054	1330.584	1582.645
-55.0	30.118	48.490	114.357	224.364	366.559	498.248	580.054	697.760	788.475	862.076
-65.0	30.109	43.637	80.318	141.387	223.344	292.710	345.310	398.225	442.950	477.456
-75.0	30.098	38.396	53.883	79.103	111.829	134.516	154.022	171.308	184.895	195.383
-85.0	30.087	32.918	38.193	42.820	46.656	49.039	50.400	51.568	52.450	53.328
-90.0	30.081	30.144	30.269	30.393	30.311	30.097	29.953	29.809	29.680	29.646

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-60F.IES

CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	<u>-25.5</u>	<u>-22.5</u>	<u>-19.5</u>	<u>-17.0</u>	<u>-15.0</u>	<u>-13.0</u>	<u>-11.0</u>	<u>-9.0</u>	<u>-7.0</u>	<u>-5.0</u>
90.0	29.582	29.691	29.800	29.891	29.963	30.035	30.107	30.179	30.251	30.323
85.0	62.856	63.947	64.953	65.723	66.293	66.821	68.006	68.219	68.432	68.645
75.0	232.241	237.616	241.881	244.600	246.241	247.415	248.133	248.403	248.238	248.865
65.0	548.694	562.522	574.535	583.029	588.760	593.488	597.164	599.739	601.166	601.398
55.0	1079.027	1174.956	1260.917	1324.463	1369.809	1410.136	1445.326	1475.273	1499.885	1519.082
47.5	1986.620	2181.806	2363.473	2532.827	2697.065	2843.383	2971.184	3079.920	3169.104	3238.316
42.5	2989.385	3378.705	*3735.709	*4005.945	*4280.258	*4554.389	*4794.705	*4999.802	*5168.396	*5299.342 *
37.5	4422.636	*5140.916	*5789.614	*6291.926	*6661.659	*7119.286	*7522.517	*7868.414	*8154.238	*8377.530 *
33.0	6204.669	*7186.965	*8236.300	*9028.643	*9623.548	*10162.328	*10715.884	*11223.146	*11643.520	*11972.886 *
29.0	8164.861	*9450.054	*10727.443	*11844.917	*12667.192	*13435.141	*14118.668	*14710.927	*15215.021	*15618.643 *
25.5	9923.902	*11606.264	*13241.867	*14490.375	*15438.523	*16333.718	*17148.630	*17853.716	*18440.380	*18900.906 *
22.5	11606.583	*13510.726	*15319.883	*16768.564	*17840.214	*18822.447	*19713.937	*20408.696	*20992.506	*21455.473 *
19.5	13235.877	*15310.202	*17347.424	*18939.975	*20058.216	*21016.627	*21882.396	*22669.879	*23338.358	*23872.403 *
17.0	14473.955	*16733.793	*18910.854	*20492.236	*21623.438	*22677.308	*23638.940	*24415.216	*25086.852	*25632.081 *
15.0	15386.787	*17773.944	*19994.530	*21589.516	*22799.603	*23911.101	*24832.701	*25659.589	*26397.548	*27010.015 *
13.0	16202.781	*18701.694	*20913.663	*22600.794	*23866.895	*24943.578	*25948.155	*26861.251	*27619.962	*28168.963 *
11.0	16915.351	*19491.592	*21720.735	*23510.680	*24732.621	*25889.825	*26983.632	*27850.684	*28543.355	*29155.074 *
9.0	17515.902	*20082.282	*22395.810	*24198.134	*25491.285	*26728.798	*27775.285	*28635.667	*29416.679	*30091.141 *
7.0	17996.439	*20557.503	*22943.828	*24735.408	*26092.881	*27380.976	*28378.828	*29323.726	*30189.938	*30811.345 *
5.0	18350.035	*20908.115	*23351.575	*25136.231	*26545.063	*27759.012	*28826.912	*29873.938	*30676.042	*31398.653 *
3.0	18571.280	*21126.578	*23578.726	*25386.513	*26830.067	*27992.195	*29102.680	*30137.461	*30978.490	*31810.354 *
1.0	18656.699	*21207.624	*23654.844	*25475.943	*26956.881	*28064.086	*29190.509	*30189.622	*31049.994	*31960.378 *
0.0	18647.991	*21195.731	*23639.267	*25458.594	*26914.056	*28036.693	*29159.330	*30145.493	*30995.182	*31844.870 *
-1.0	18627.455	*21175.225	*23617.779	*25430.558	*26902.827	*27999.218	*29110.919	*30089.579	*30919.067	*31774.566 *
-3.0	18483.721	*21029.668	*23468.784	*25252.237	*26670.730	*27801.512	*28870.263	*29847.622	*30606.593	*31304.871 *
-5.0	18204.668	*20747.526	*23171.670	*24918.425	*26288.034	*27453.288	*28458.578	*29421.227	*30103.557	*30660.164 *
-7.0	17794.070	*20334.543	*22694.876	*24442.159	*25749.366	*26975.456	*27890.392	*28724.706	*29454.302	*29909.448 *
-9.0	17257.588	*19798.637	*22080.362	*23839.281	*25072.992	*26223.340	*27170.783	*27916.215	*28560.638	*29100.865 *
-11.0	16602.345	*19149.212	*21341.644	*23081.872	*24224.650	*25291.104	*26282.448	*27034.126	*27595.419	*28247.233 *
-13.0	15836.469	*18302.277	*20462.646	*22083.979	*23280.367	*24265.026	*25167.566	*25967.122	*26646.870	*27313.021 *
-15.0	14968.634	*17315.723	*19472.302	*20997.049	*22137.393	*23164.307	*23985.844	*24703.516	*25475.160	*26185.827 *
-17.0	14015.783	*16222.273	*18328.986	*19835.655	*20896.942	*21869.108	*22736.472	*23456.957	*24198.175	*24825.259 *
-19.5	12760.200	*14745.643	*16709.979	*18222.457	*19267.934	*20148.661	*20927.045	*21752.804	*22475.722	*23072.684 *
-22.5	11124.423	*12929.456	*14638.878	*16011.970	*17012.454	*17914.103	*18794.911	*19523.455	*20148.019	*20657.249 *
-25.5	9449.921	*11037.086	*12568.836	*13724.281	*14603.971	*15461.873	*16280.983	*16999.718	*17608.154	*18096.793 *
-29.0	7717.575	*8913.821	*10095.694	*1129.619	*11896.216	*12640.851	*13306.996	*13887.575	*14391.279	*14804.281 *
-33.0	5808.203	*6710.179	*7675.170	*8400.833	*8966.077	*9477.365	*10009.077	*10500.096	*10908.402	*11229.466 *
-37.5	4107.092	*4756.396	*5332.948	*5798.908	*6143.173	*6578.247	*6961.207	*7289.315	*7560.026	*7771.071 *
-42.5	2749.268	3094.924	3420.022	*3671.050	*3926.112	*4181.202	*4404.762	*4595.499	*4752.230	*4873.905 *
-47.5	1804.412	1975.986	2148.490	2309.116	2463.560	2600.953	2720.835	2822.801	2906.503	2971.665
-55.0	965.150	1054.806	1135.504	1195.055	1237.535	1275.346	1308.426	1336.724	1360.204	1378.842
-65.0	498.895	512.725	525.006	533.930	540.140	545.468	549.866	553.283	555.673	556.989
-75.0	203.784	210.023	215.373	219.152	221.733	223.922	225.723	227.138	228.171	229.960
-85.0	54.706	55.834	56.908	57.758	58.406	59.026	60.160	60.541	60.921	61.302
-90.0	29.833	29.993	30.152	30.285	30.392	30.498	30.604	30.710	30.816	30.923
Vert. Angles	Horizontal Angles									
	<u>-3.0</u>	<u>-1.0</u>	<u>0.0</u>	<u>1.0</u>	<u>3.0</u>	<u>5.0</u>	<u>7.0</u>	<u>9.0</u>	<u>11.0</u>	<u>13.0</u>
90.0	30.395	30.467	30.503	30.512	30.531	30.550	30.569	30.588	30.607	30.626
85.0	68.858	69.071	69.177	69.157	69.117	69.077	69.037	68.997	68.957	67.932
75.0	247.079	245.292	244.399	244.790	245.572	246.353	244.788	244.026	242.870	241.318
65.0	601.875	598.275	596.474	596.927	597.832	594.733	591.934	588.039	583.122	577.256

IES FLOOD REPORT
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CANDELA TABULATION - (Cont.)

55.0	1539.056	1541.692	1543.010	1538.953	1530.844	1505.520	1481.071	1451.380	1416.572	1376.783
47.5	3287.207	*3315.512	*3321.885	*3312.188	*3277.244	*3221.739	3145.951	3050.246	2935.056	2800.884
42.5	5391.658	*5444.560	*5456.038	*5440.517	*5379.579	*5279.369	*5140.765	*4964.839	*4752.814	*4506.054 *
37.5	8536.152	*8628.378	*8649.177	*8623.561	*8521.710	*8353.484	*8120.623	*7825.278	*7469.918	*7057.293 *
33.0	12207.763	*12345.429	*12377.194	*12338.426	*12187.078	*11939.478	*11598.945	*11169.514	*10655.782	*10096.453 *
29.0	15906.693	*16076.171	*16115.903	*16063.344	*15869.069	*15558.754	*15136.956	*14617.920	*14012.614	*13320.107 *
25.5	19228.930	*19419.896	*19463.141	*19397.524	*19163.041	*18795.100	*18300.408	*17687.151	*16964.469	*16141.968 *
22.5	21789.009	*21986.547	*22032.977	*21955.656	*21697.661	*21307.530	*20794.058	*20167.613	*19439.359	*18546.825 *
19.5	24231.554	*24442.336	*24494.042	*24400.603	*24108.618	*23674.557	*23074.078	*22350.327	*21524.173	*20707.137 *
17.0	26034.439	*26280.096	*26341.073	*26225.313	*25873.421	*25374.329	*24746.727	*24010.242	*23266.222	*22360.655 *
15.0	27466.644	*27772.110	*27818.698	*27703.687	*27266.425	*26691.211	*25979.763	*25202.627	*24451.488	*23599.146 *
13.0	28591.779	*28866.429	*28942.760	*28783.868	*28349.491	*27781.790	*27108.921	*26399.751	*25568.896	*24637.526 *
11.0	29648.508	*29974.867	*30066.823	*29872.974	*29351.518	*28686.129	*28013.491	*27407.385	*26620.340	*25602.089 *
9.0	30612.567	*30952.582	*31057.198	*30818.905	*30232.384	*29511.712	*28921.840	*28232.738	*27450.039	*26473.605 *
7.0	31363.001	*31783.628	*31913.885	*31594.743	*30837.613	*30230.052	*29749.880	*28979.188	*28110.053	*27185.663 *
5.0	32047.785	*32637.250	*32770.573	*32349.076	*31324.361	*30882.940	*30307.672	*29615.240	*28659.226	*27663.878 *
3.0	32354.670	*32624.913	*32761.501	*32328.093	*31870.087	*31435.860	*30758.167	*30028.122	*29067.362	*28011.905 *
1.0	32296.061	*32616.879	*32752.428	*32455.192	*32170.404	*31873.457	*31052.363	*30257.525	*29304.431	*28210.025 *
0.0	32206.079	*32567.288	*32747.892	*32585.238	*32259.930	*31934.622	*31122.129	*30309.636	*29351.728	*28248.403 *
-1.0	32104.207	*32407.314	*32701.882	*32587.600	*32282.245	*31981.775	*31115.635	*30295.979	*29328.072	*28224.213 *
-3.0	31726.590	*32179.221	*32609.863	*32518.624	*32266.874	*31712.839	*30927.968	*30133.217	*29133.269	*28051.291 *
-5.0	31073.961	*32106.988	*32517.844	*32436.505	*31927.672	*31281.901	*30558.296	*29762.610	*28754.031	*27719.714 *
-7.0	30510.339	*31271.035	*31584.041	*31506.154	*31180.033	*30675.971	*30055.117	*29182.604	*28228.435	*27245.549 *
-9.0	29830.126	*30417.650	*30650.238	*30599.776	*30358.991	*29929.979	*29261.010	*28475.065	*27607.122	*26557.105 *
-11.0	28905.923	*29416.907	*29603.550	*29563.656	*29334.973	*28928.771	*28366.659	*27670.287	*26799.984	*25708.346 *
-13.0	27871.569	*28293.192	*28443.976	*28414.251	*28227.833	*27885.477	*27408.608	*26663.768	*25752.273	*24750.387 *
-15.0	26753.981	*27178.725	*27284.402	*27280.985	*27056.168	*26675.466	*26133.843	*25446.558	*24622.530	*23704.439 *
-17.0	25318.490	*25659.342	*25767.766	*25747.381	*25579.520	*25250.480	*24774.299	*24167.804	*23412.296	*22451.412 *
-19.5	23501.557	*23784.563	*23871.972	*23858.983	*23722.760	*23434.458	*22967.120	*22360.588	*21627.920	*20764.242 *
-22.5	21040.616	*21289.208	*21360.815	*21350.189	*21222.006	*20954.523	*20554.047	*20029.034	*19389.369	*18535.493 *
-25.5	18457.061	*18681.846	*18741.730	*18731.823	*18605.474	*18339.174	*17937.370	*17406.384	*16753.960	*15988.784 *
-29.0	15104.273	*15286.405	*15332.119	*15323.734	*15215.207	*14985.713	*14638.196	*14192.835	*13661.557	*13034.825 *
-33.0	11459.317	*11594.683	*11626.133	*11620.184	*11535.038	*11353.087	*11076.151	*10706.872	*10248.615	*9743.705 *
-37.5	7920.491	*8006.725	*8025.777	*8022.745	*7968.132	*7849.079	*7666.350	*7421.154	*7115.084	*6750.083 *
-42.5	4959.623	*5008.671	*5019.270	*5017.476	*4985.768	*4916.580	*4810.106	*4666.748	*4487.091	*4271.894 *
-47.5	3018.079	3045.618	3052.290	3050.299	3032.043	2994.671	2938.154	2862.549	2767.989	2654.687
-55.0	1398.060	1402.177	1404.236	1404.560	1405.209	1390.661	1376.615	1357.595	1333.587	1304.594
-65.0	558.538	556.374	555.292	557.536	562.022	562.778	563.751	563.623	562.432	560.220
-75.0	229.515	229.070	228.847	229.676	231.333	232.990	232.381	232.524	232.265	231.596
-85.0	61.682	62.063	62.253	62.288	62.359	62.430	62.501	62.572	62.643	61.909
-90.0	31.028	31.134	31.187	31.208	31.249	31.291	31.332	31.373	31.415	31.456

Vert. Angles **Horizontal Angles**

	<u>15.0</u>	<u>17.0</u>	<u>19.5</u>	<u>22.5</u>	<u>25.5</u>	<u>29.0</u>	<u>33.0</u>	<u>37.5</u>	<u>42.5</u>	<u>47.5</u>
90.0	30.645	30.663	30.686	30.714	30.741	30.773	30.678	30.522	30.349	30.176
85.0	67.569	67.162	66.593	65.822	64.959	63.837	61.769	59.125	56.097	53.006
75.0	239.371	237.027	233.539	228.539	222.654	214.682	202.049	185.922	165.804	143.464
65.0	570.516	562.977	552.545	538.738	523.763	500.820	463.538	415.535	358.956	303.327
55.0	1332.163	1282.868	1214.927	1124.571	1025.607	907.052	820.117	717.857	591.838	506.796
47.5	2648.287	2477.874	2301.352	2111.865	1914.024	1661.420	1379.856	1149.059	879.540	713.285
42.5	4226.025	*3946.006	*3667.719	*3302.762	*2909.165	2405.262	2019.853	1573.026	1199.149	876.139
37.5	6590.346	*6213.736	*5704.347	*5051.823	*4330.352	*3612.773	*2896.782	2164.200	1565.999	1139.926
33.0	9547.914	*8943.383	*8142.389	*7083.749	*6095.606	*5061.612	*3846.170	*2890.035	2008.007	1365.183
29.0	12547.598	*11730.689	*10623.443	*9343.620	*8049.132	*6495.414	*5051.935	*3595.402	*2393.293	1645.345
25.5	15261.701	*14334.584	*13100.007	*11479.048	*9804.266	*8038.951	*6076.641	*4303.942	*2893.147	1899.095

IES FLOOD REPORT
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CANDELA TABULATION - (Cont.)

22.5	17605.202	16566.709	15148.467	13358.987	11468.883	9322.642	7055.372	5025.116	3282.967	2096.095
19.5	19791.155	18710.774	17154.471	15140.641	13079.962	10590.832	8112.761	5678.047	3633.847	2272.729
17.0	21354.141	20261.813	18717.394	16562.934	14306.483	11700.503	8908.957	6165.118	3894.263	2435.852
15.0	22539.904	21369.761	19811.855	17611.716	15243.585	12510.989	9483.900	6519.956	4159.609	2593.644
13.0	23625.706	22401.623	20749.228	18573.959	16114.746	13242.322	9999.460	6962.400	4423.595	2733.453
11.0	24510.120	23342.661	21596.778	19427.155	16885.409	13887.922	10523.312	7348.502	4653.030	2854.734
9.0	25299.218	24077.949	22339.274	20080.058	17546.753	14441.346	10998.541	7675.749	4846.765	2956.997
7.0	25973.816	24683.993	22959.220	20620.785	18090.424	14906.199	11386.874	7941.876	5003.785	3039.810
5.0	26513.219	25163.436	23443.108	21039.921	18508.997	15271.468	11684.629	8144.945	5123.236	3102.815
3.0	26896.967	25501.149	23747.373	21329.497	18796.437	15522.552	11888.788	8283.376	5204.436	3145.723
1.0	27131.192	25684.992	23904.732	21483.672	18948.539	15656.671	11997.116	8356.023	5246.910	3168.330
0.0	27145.078	25716.703	23931.235	21508.889	18973.107	15679.394	12014.883	8367.448	5253.531	3171.980
-1.0	27138.557	25688.085	23903.828	21481.134	18944.790	15650.339	11989.712	8349.623	5242.901	3166.217
-3.0	26917.182	25509.229	23743.844	21321.688	18784.786	15503.279	11866.493	8264.270	5192.505	3139.429
-5.0	26541.576	25173.083	23435.056	21026.270	18488.253	15238.441	11647.201	8113.418	5103.670	3092.479
-7.0	26003.297	24690.042	22946.072	20600.390	18058.692	14858.106	11333.920	7898.391	4977.057	3025.661
-9.0	25323.516	24074.105	22319.386	20051.760	17501.545	14377.312	10929.531	7620.935	4813.520	2939.348
-11.0	24554.799	23337.107	21568.305	19389.611	16823.784	13807.678	10437.599	7283.139	4614.076	2833.982
-13.0	23677.531	22410.933	20722.083	18518.790	16033.447	13144.823	9897.967	6887.398	4379.881	2710.066
-15.0	22593.156	21382.274	19786.264	17540.303	15139.182	12395.105	9371.090	6436.333	4112.213	2568.157
-17.0	21397.819	20266.609	18678.529	16472.800	14180.998	11565.061	8786.397	6076.001	3844.084	2408.859
-19.5	19807.303	18685.899	17079.297	15016.479	12935.276	10431.870	7980.305	5584.745	3580.742	2244.819
-22.5	17551.548	16474.051	15012.447	13200.309	11298.306	9155.769	6915.773	4930.749	3228.419	2068.595
-25.5	15114.460	14163.972	12920.850	11289.651	9612.935	7875.454	5943.288	4212.890	2839.497	1873.708
-29.0	12318.863	11515.015	10402.033	9137.604	7868.120	6339.830	4932.344	3512.929	2343.693	1624.650
-33.0	9255.267	8706.172	7933.872	6898.784	5933.697	4927.839	3744.975	2820.899	1967.915	1350.712
-37.5	6328.378	5993.630	5529.968	4897.909	4197.698	3506.879	2820.065	2114.305	1541.329	1128.350
-42.5	4022.067	3770.670	3527.092	3194.254	2821.029	2339.686	1971.766	1544.689	1184.380	869.298
-47.5	2522.923	2373.047	2217.727	2050.642	1864.911	1624.416	1355.774	1133.963	872.664	707.004
-55.0	1270.634	1231.738	1176.249	1099.746	1012.681	899.289	815.508	715.364	589.979	503.863
-65.0	557.028	552.900	546.490	537.081	525.946	504.633	465.632	416.127	357.908	301.007
-75.0	230.509	228.998	226.504	222.609	217.719	210.741	197.883	181.450	161.002	138.353
-85.0	61.714	61.481	61.138	60.650	60.081	59.316	57.810	55.843	53.550	51.167
-90.0	31.497	31.538	31.589	31.650	31.711	31.781	31.745	31.659	31.564	31.469

Vert. Angles	Horizontal Angles				
	55.0	65.0	75.0	85.0	90.0
90.0	29.916	30.222	31.180	32.137	32.615
85.0	48.328	43.513	39.538	35.025	32.621
75.0	116.528	81.402	56.110	40.740	32.632
65.0	229.961	144.883	83.129	46.219	32.643
55.0	370.813	228.969	117.430	51.302	32.654
47.5	498.074	295.940	141.197	54.763	32.661
42.5	582.453	340.559	161.749	56.870	32.665
37.5	708.924	381.552	180.431	58.797	32.668
33.0	813.490	422.642	195.519	60.366	32.671
29.0	903.134	459.005	207.474	61.620	32.674
25.5	1017.822	487.689	216.759	62.604	32.676
22.5	1106.114	509.809	223.814	63.360	32.677
19.5	1184.672	529.543	230.016	64.033	32.678
17.0	1242.388	544.093	234.520	64.529	32.679
15.0	1283.324	554.452	237.681	64.882	32.680
13.0	1319.489	563.644	240.447	65.197	32.681
11.0	1350.788	571.645	242.813	66.090	32.681
9.0	1377.140	578.432	244.778	66.121	32.682

IES FLOOD REPORT
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CANDELA TABULATION - (Cont.)

7.0	1398.473	583.983	246.341	66.153	32.682
5.0	1414.731	588.280	248.761	66.184	32.682
3.0	1431.674	592.765	248.706	66.216	32.682
1.0	1432.520	593.207	248.651	66.264	32.682
0.0	1432.943	593.428	248.624	66.264	32.682
-1.0	1432.113	593.084	248.623	66.242	32.682
-3.0	1430.456	592.397	248.621	66.199	32.682
-5.0	1412.744	587.675	248.618	66.155	32.682
-7.0	1395.747	583.150	246.139	66.112	32.682
-9.0	1373.732	577.385	244.518	66.069	32.681
-11.0	1346.769	570.400	242.492	66.026	32.681
-13.0	1314.943	562.222	240.064	65.125	32.681
-15.0	1278.350	552.876	237.235	64.801	32.680
-17.0	1237.096	542.390	234.009	64.439	32.679
-19.5	1179.151	527.724	229.421	63.933	32.678
-22.5	1100.593	507.919	223.114	63.250	32.677
-25.5	1012.621	485.809	215.947	62.485	32.676
-29.0	898.735	457.250	206.526	61.494	32.674
-33.0	808.564	421.184	194.404	60.235	32.671
-37.5	703.190	380.345	179.115	58.667	32.668
-42.5	575.785	339.062	160.194	56.748	32.664
-47.5	493.163	294.119	139.386	54.656	32.660
-55.0	368.465	226.513	115.762	51.232	32.653
-65.0	226.449	141.226	81.884	46.222	32.643
-75.0	112.293	79.189	55.534	40.835	32.632
-85.0	47.481	43.527	39.831	35.222	32.620
-90.0	31.325	31.462	31.924	32.385	32.615

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-60F.IES

LUMEN TABULATION

Average Of Right And Left Sides

Total Luminaire Lumens (one side of beam only) = 15618.79

Total Field Lumens (one side of beam only) = 14093.53

* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	<u>0</u>	<u>1</u>	<u>3</u>	<u>5</u>	<u>7</u>	<u>9</u>	<u>11</u>	<u>13</u>	<u>15</u>	<u>17</u>
90										
85	0.08	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.14	0.14
75	0.48	0.96	0.96	0.96	0.95	0.94	0.93	0.92	0.90	1.10
65	1.28	2.57	2.57	2.56	2.54	2.51	2.48	2.44	2.40	2.92
55	3.26	6.50	6.45	6.36	6.25	6.12	5.96	5.78	5.57	6.65
47.5	5.55	11.04	10.89	10.67	10.38	10.03	9.61	9.13	8.60	10.01
42.5	6.68 *	13.26 *	13.06 *	12.75 *	12.34 *	11.83 *	11.23 *	10.55 *	9.81 *	11.31
37.5	10.73 *	21.30 *	20.94 *	20.41 *	19.70 *	18.82 *	17.79 *	16.62 *	15.45 *	17.79 *
33	14.39 *	28.56 *	28.06 *	27.32 *	26.33 *	25.12 *	23.73 *	22.23 *	20.72 *	23.74 *
29	17.33 *	34.40 *	33.81 *	32.92 *	31.77 *	30.36 *	28.76 *	27.01 *	25.16 *	28.67 *
25.5	18.94 *	37.59 *	36.97 *	36.04 *	34.83 *	33.36 *	31.67 *	29.78 *	27.75 *	31.67 *
22.5	18.93 *	37.59 *	37.00 *	36.12 *	34.98 *	33.61 *	31.98 *	30.14 *	28.18 *	32.26 *
19.5	21.23 *	42.15 *	41.51 *	40.56 *	39.32 *	37.83 *	36.12 *	34.22 *	32.12 *	36.87 *
17	19.32 *	38.36 *	37.75 *	36.88 *	35.76 *	34.45 *	32.97 *	31.33 *	29.51 *	34.02 *
15	16.47 *	32.67 *	32.11 *	31.34 *	30.39 *	29.32 *	28.12 *	26.73 *	25.19 *	29.13 *
13	17.26 *	34.22 *	33.63 *	32.83 *	31.86 *	30.74 *	29.48 *	28.07 *	26.47 *	30.63 *
11	17.93 *	35.53 *	34.90 *	34.09 *	33.15 *	32.04 *	30.72 *	29.23 *	27.61 *	31.97 *
9	18.57 *	36.75 *	36.05 *	35.19 *	34.24 *	33.14 *	31.81 *	30.25 *	28.57 *	33.12 *
7	19.12 *	37.78 *	37.02 *	36.19 *	35.21 *	34.03 *	32.70 *	31.13 *	29.36 *	34.05 *
5	19.63 *	38.65 *	37.81 *	37.00 *	36.00 *	34.76 *	33.36 *	31.79 *	29.99 *	34.79 *
3	19.88 *	39.20 *	38.46 *	37.60 *	36.55 *	35.29 *	33.83 *	32.25 *	30.45 *	35.31 *
1	19.88 *	39.38 *	38.86 *	38.01 *	36.87 *	35.59 *	34.11 *	32.52 *	30.72 *	35.60 *
0	9.95 *	19.72 *	19.49 *	19.07 *	18.48 *	17.84 *	17.10 *	16.31 *	15.41 *	17.85 *
-1	9.94 *	19.71 *	19.48 *	19.06 *	18.47 *	17.83 *	17.09 *	16.30 *	15.40 *	17.84 *
	19.82 *	39.28 *	38.77 *	37.92 *	36.79 *	35.52 *	34.04 *	32.47 *	30.67 *	35.55 *

IES FLOOD REPORT
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LUMENS TABULATION - (Cont.)

-3	19.76 *	39.00 *	38.28 *	37.44 *	36.40 *	35.15 *	33.70 *	32.13 *	30.34 *	35.20 *
-5	19.46 *	38.36 *	37.56 *	36.76 *	35.78 *	34.56 *	33.18 *	31.62 *	29.84 *	34.62 *
-7	18.91 *	37.39 *	36.69 *	35.89 *	34.93 *	33.78 *	32.46 *	30.91 *	29.16 *	33.82 *
-9	18.31 *	36.29 *	35.65 *	34.84 *	33.92 *	32.84 *	31.53 *	29.99 *	28.33 *	32.84 *
-11	17.65 *	35.01 *	34.44 *	33.68 *	32.78 *	31.70 *	30.39 *	28.93 *	27.33 *	31.64 *
-13	16.95 *	33.65 *	33.12 *	32.37 *	31.44 *	30.34 *	29.11 *	27.72 *	26.14 *	30.25 *
-15	16.14 *	32.05 *	31.55 *	30.83 *	29.92 *	28.88 *	27.70 *	26.34 *	24.82 *	28.70 *
-17	18.88 *	37.51 *	36.98 *	36.16 *	35.09 *	33.83 *	32.39 *	30.78 *	28.98 *	33.40 *
-19.5	20.65 *	41.04 *	40.48 *	39.59 *	38.42 *	36.99 *	35.33 *	33.47 *	31.41 *	36.02 *
-22.5	18.31 *	36.39 *	35.86 *	35.06 *	33.98 *	32.66 *	31.09 *	29.30 *	27.37 *	31.33 *
-25.5	18.15 *	36.07 *	35.52 *	34.67 *	33.54 *	32.15 *	30.54 *	28.72 *	26.76 *	30.54 *
-29	16.41 *	32.61 *	32.11 *	31.32 *	30.25 *	28.95 *	27.45 *	25.81 *	24.06 *	27.43 *
-33	13.46 *	26.76 *	26.35 *	25.70 *	24.82 *	23.71 *	22.42 *	21.03 *	19.63 *	22.52 *
-37.5	9.93 *	19.75 *	19.46 *	19.01 *	18.39 *	17.60 *	16.67 *	15.59 *	14.51 *	16.74 *
-42.5	6.14 *	12.22 *	12.06 *	11.80 *	11.45 *	11.00 *	10.46 *	9.84 *	9.17	10.59
-47.5	5.09	10.13	10.02	9.84	9.59	9.29	8.92	8.50	8.02	9.35
-55	2.98	5.97	5.94	5.87	5.78	5.67	5.54	5.39	5.21	6.23
-65	1.20	2.40	2.40	2.40	2.38	2.36	2.33	2.30	2.26	2.76
-75	0.44	0.89	0.89	0.89	0.88	0.87	0.86	0.85	0.83	1.02
-85	0.07	0.14	0.14	0.14	0.14	0.14	0.14	0.13	0.13	0.16
-90										
Total	585.52	1160.95	1142.21	1116.23	1083.19	1043.72	997.95	946.69	890.48	1028.2

Vert. Horizontal Angles

Angles	19.5	22.5	25.5	29	33	37.5	42.5	47.5	55	65
90	0.20	0.20	0.22	0.24	0.25	0.25	0.23	0.29	0.29	0.19
85	1.28	1.23	1.36	1.43	1.44	1.38	1.14	1.31	1.12	0.58
75	3.38	3.23	3.54	3.69	3.62	3.35	2.67	2.89	2.22	0.96
65	7.47	6.86	7.19	7.21	6.94	6.23	4.85	5.15	3.77	1.51
55	10.98	9.86	10.01	9.57	8.77	7.51	5.58	5.72	4.04	1.54

IES FLOOD REPORT
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LUMENS TABULATION - (Cont.)

47.5										
	12.29	10.84	10.71	9.95	8.77	7.20	5.08	4.89	3.32	1.23
42.5	19.07 *	16.45 *	15.91 *	14.50	12.35	9.72	6.62	6.07	3.89	1.39
37.5	25.11 *	21.37 *	20.58 *	18.36 *	15.11	11.57	7.56	6.64	4.05	1.39
33	30.20 *	25.70 *	24.58 *	21.61 *	17.48 *	12.94	8.16	6.91	4.02	1.34
29	33.43 *	28.42 *	27.06 *	23.69 *	18.89 *	13.68 *	8.48	6.97	3.88	1.26
25.5	34.15 *	29.04 *	27.65 *	24.10 *	19.08 *	13.75 *	8.34	6.67	3.62	1.13
22.5	39.12 *	33.40 *	31.81 *	27.69 *	21.92 *	15.58 *	9.23	7.25	3.85	1.17
19.5	36.22 *	31.00 *	29.60 *	25.81 *	20.32 *	14.24 *	8.32	6.46	3.37	1.00
17	31.16 *	26.73 *	25.60 *	22.33 *	17.46 *	12.17 *	7.11	5.46	2.79	0.82
15	32.87 *	28.30 *	27.15 *	23.67 *	18.49 *	12.92 *	7.54 *	5.72	2.86	0.83
13	34.37 *	29.70 *	28.53 *	24.89 *	19.50 *	13.67 *	7.94 *	5.95	2.92	0.84
11	35.64 *	30.87 *	29.73 *	25.99 *	20.42 *	14.31 *	8.27 *	6.14	2.98	0.85
9	36.68 *	31.82 *	30.72 *	26.93 *	21.20 *	14.83 *	8.55 *	6.30	3.02	0.86
7	37.50 *	32.57 *	31.52 *	27.67 *	21.80 *	15.24 *	8.76 *	6.43	3.05	0.87
5	38.07 *	33.10 *	32.09 *	28.20 *	22.23 *	15.53 *	8.91 *	6.52	3.08	0.87
3	38.39 *	33.42 *	32.42 *	28.51 *	22.49 *	15.70 *	9.00 *	6.57	3.10	0.88
1	19.25 *	16.76 *	16.27 *	14.31 *	11.29 *	7.88 *	4.52 *	3.29	1.55	0.44
0	19.24 *	16.75 *	16.26 *	14.30 *	11.28 *	7.87 *	4.51 *	3.29	1.55	0.44
-1	38.33 *	33.36 *	32.36 *	28.45 *	22.44 *	15.66 *	8.98 *	6.56	3.09	0.88
-3	37.95 *	32.99 *	31.96 *	28.07 *	22.13 *	15.46 *	8.87 *	6.49	3.07	0.87
-5	37.31 *	32.40 *	31.33 *	27.48 *	21.65 *	15.13 *	8.70 *	6.39	3.04	0.87
-7	36.43 *	31.59 *	30.47 *	26.68 *	21.00 *	14.69 *	8.47 *	6.26	3.00	0.86
-9	35.34 *	30.59 *	29.41 *	25.69 *	20.17 *	14.14 *	8.18 *	6.09	2.96	0.85
-11	34.01 *	29.35 *	28.16 *	24.53 *	19.21 *	13.48 *	7.83 *	5.89	2.90	0.84
-13	32.44 *	27.89 *	26.72 *	23.27 *	18.17 *	12.71 *	7.43 *	5.65	2.83	0.83
-15	30.67 *	26.26 *	25.11 *	21.90 *	17.12 *	11.94 *	6.98	5.38	2.76	0.81
-17	35.52 *	30.35 *	28.94 *	25.22 *	19.86 *	13.93 *	8.16	6.35	3.33	1.00
-19.5	38.17 *	32.56 *	30.97 *	26.94 *	21.34 *	15.20 *	9.03	7.12	3.80	1.16

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-60F.IES

LUMENS TABULATION - (Cont.)

-22.5	33.14 *	28.15 *	26.79 *	23.35 *	18.50 *	13.37 *	8.14	6.54	3.56	1.12
-25.5	32.23 *	27.40 *	26.09 *	22.85 *	18.25 *	13.26	8.25	6.82	3.82	1.24
-29	28.90 *	24.62 *	23.56 *	20.74 *	16.82 *	12.50	7.92	6.75	3.95	1.33
-33	23.87 *	20.34 *	19.62 *	17.54 *	14.49	11.14	7.32	6.47	3.97	1.37
-37.5	18.00 *	15.56 *	15.09	13.80	11.80	9.33	6.39	5.89	3.81	1.37
-42.5	11.53	10.20	10.12	9.43	8.36	6.89	4.90	4.74	3.24	1.21
-47.5	10.28	9.26	9.43	9.06	8.35	7.19	5.38	5.55	3.94	1.51
-55	7.02	6.48	6.81	6.86	6.63	5.98	4.67	4.97	3.65	1.46
-65	3.19	3.06	3.36	3.50	3.44	3.19	2.54	2.75	2.12	0.93
-75	1.18	1.13	1.25	1.32	1.33	1.28	1.07	1.23	1.07	0.56
-85	0.19	0.18	0.21	0.23	0.24	0.24	0.22	0.28	0.29	0.19
-90										
Total	1101.82	951.36	918.24	811.55	652.36	474.22	290.81	237.07	132.53	43.65

Vert. Angles	Horizontal Angles			
	<u>75</u>	<u>85</u>	<u>90</u>	<u>Total</u>
90				
	0.09	0.01		3.89
85				
	0.22	0.02		21.62
75				
	0.30	0.02		54.14
65				
	0.39	0.03		116.48
55				
	0.36	0.02		169.87
47.5				
	0.27	0.01		187.38
42.5				
	0.30	0.01		285.85
37.5				
	0.29	0.01		372.26
33				
	0.28	0.01		443.43
29				
	0.25	0.01		484.61
25.5				
	0.22	0.01		488.55
22.5				
	0.23	0.01		553.18
19.5				
	0.19	0.01		506.90
17				
	0.16	0.01		433.26

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-60F.IES

LUMENS TABULATION - (Cont.)

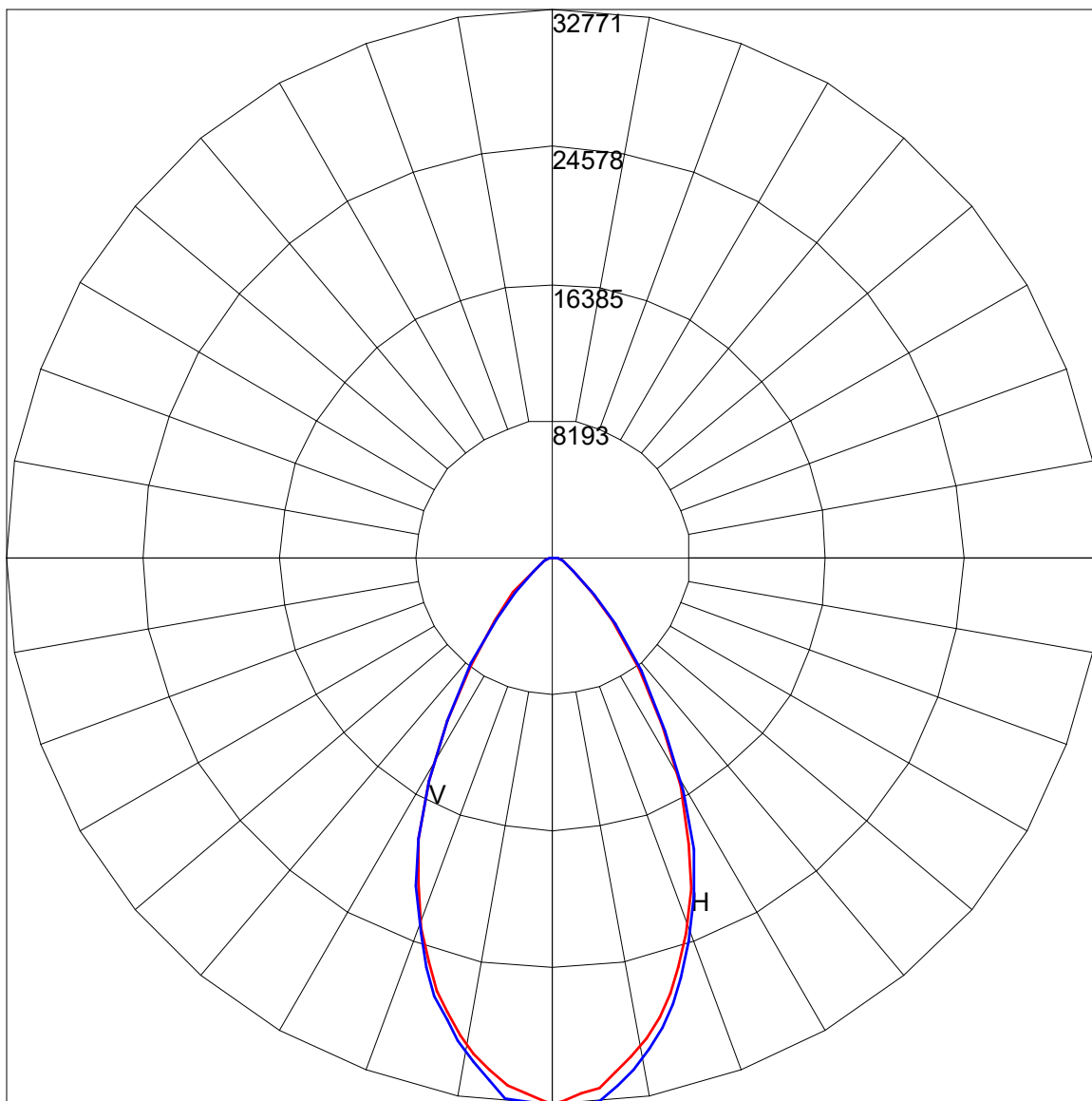
15	0.16	0.01	455.70
13	0.16	0.01	475.67
11	0.16	0.01	493.08
9	0.16	0.01	507.66
7	0.16	0.01	519.36
5	0.16	0.01	527.60
3	0.16	0.01	532.18
1	0.08	0.00	266.85
0	0.08	0.00	266.72
-1	0.16	0.01	531.10
-3	0.16	0.01	525.46
-5	0.16	0.01	516.21
-7	0.16	0.01	503.57
-9	0.16	0.01	488.12
-11	0.16	0.01	469.92
-13	0.16	0.01	449.19
-15	0.16	0.01	426.01
-17	0.19	0.01	496.87
-19.5	0.23	0.01	539.92
-22.5	0.22	0.01	474.24
-25.5	0.25	0.01	467.12
-29	0.27	0.01	423.80
-33	0.29	0.01	352.81
-37.5	0.30	0.01	269.00
-42.5	0.27	0.01	175.64
-47.5	0.35	0.02	159.06
-55	0.38	0.03	109.52
-65	0.29	0.02	51.16

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-60F.IES

LUMENS TABULATION - (Cont.)

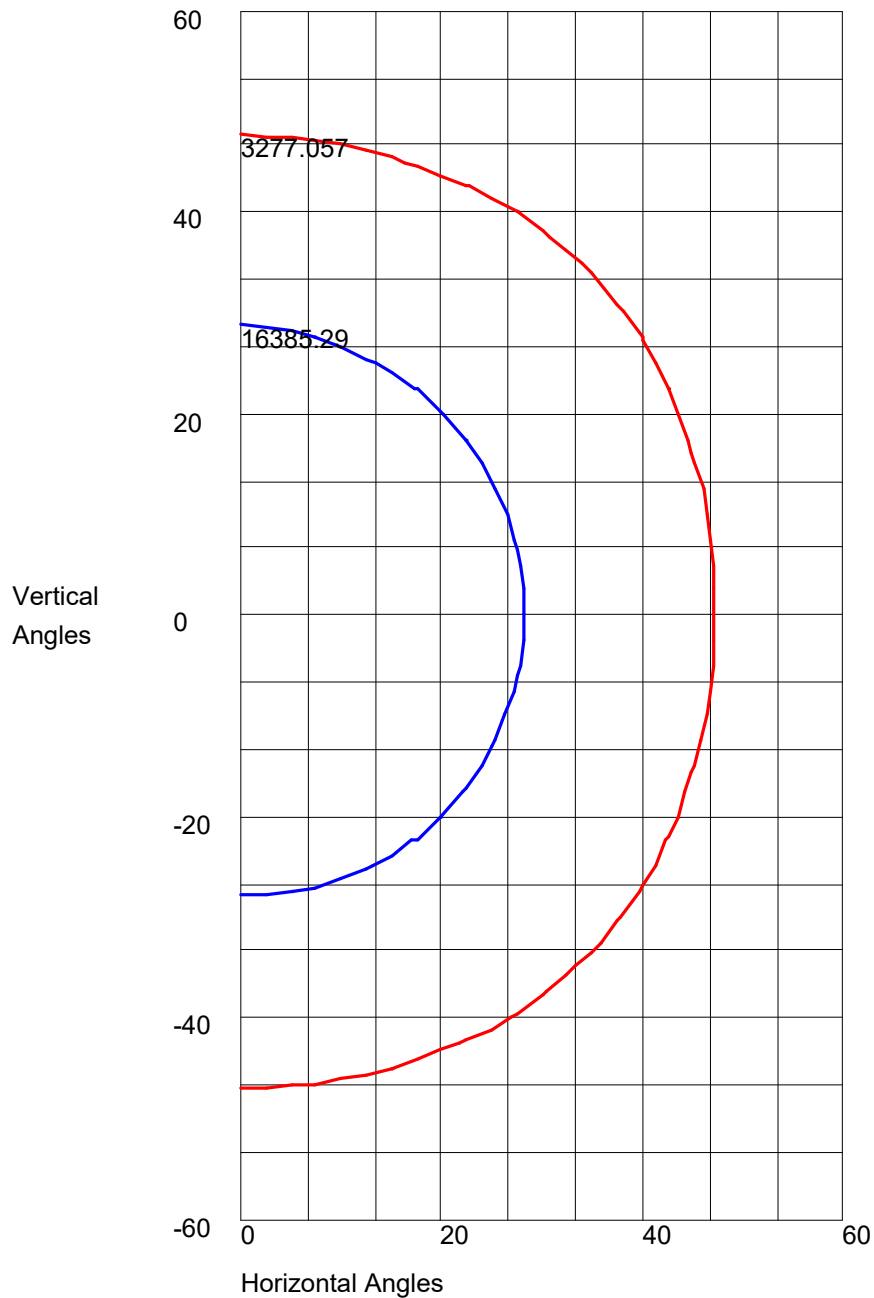
-75	0.22	0.02	20.10
-85	0.09	0.01	3.71
-90			
Total	9.52	0.50	15618.78

AXIAL CANDELA DISPLAY



Maximum Candela = 32770.573 Located At Horizontal Angle = 0, Vertical Angle = 5
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 32770.573 Located At Horizontal Angle = 0, Vertical Angle = 5
50% Maximum Candela = 16385.2865
10% Maximum Candela = 3277.0573



IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-90WF.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 194030
[TESTLAB] RADIANT IMAGING PROSOURCE
[TESTDATE] 2019-04-16
[ISSUEDATE] 2019-04-16
[MANUFAC] LARSON ELECTRONICS LLC
[LUMCAT] GAU-LTL-250W-LED-90WF
[LUMINAIRE] 250W 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	20818.419
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	32400 (1 lamp)
Total Lamp Lumens	32400
Beam Lumens	20923
Beam Efficiency	65 %
Field Lumens	29603
Field Efficiency	91 %
Spill Lumens	1875
Luminaire Lumens	31478
Total Efficiency	97 %
Total Luminaire Watts	250
Ballast Factor	1.00



IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-90WF.IES

AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	.081	90	.068
85	40.281	85	34.135
75	272.617	75	257.784
65	810.03	65	801.994
55	2660.462	55	2628.45
47.5	6035.534	47.5	6103.415
42.5	8595.391	42.5	8730.504
37.5	11066.954	37.5	11270.919
33	12978.688	33	13228.955
29	14444.389	29	14721.679
25.5	15656.454	25.5	16003.827
22.5	16533.36	22.5	16929.951
19.5	17339.695	19.5	17779.284
17	17852.607	17	18311.15
15	18262.936	15	18736.642
13	18669.117	13	19165.374
11	19075.298	11	19594.107
9	19458.346	9	20006.768
7	19818.259	7	20403.359
5	20178.172	5	20799.95
3	20383.206	3	20756.273
1	20588.24	1	20712.596
0	20690.757	0	20690.757
-1	20587.462	-1	20716.289
-3	20380.873	-3	20767.354
-5	20174.284	-5	20818.419
-7	19829.146	-7	20436.862
-9	19484.009	-9	20055.305
-11	19106.599	-11	19659.622
-13	18696.918	-13	19249.812
-15	18287.237	-15	18840.002
-17	17876.779	-17	18417.36
-19.5	17363.706	-19.5	17889.058
-22.5	16569.325	-22.5	17046.271
-25.5	15704.569	-25.5	16128.28
-29	14493.641	-29	14862.235
-33	13027.097	-33	13363.032
-37.5	11107.293	-37.5	11413.484
-42.5	8614.507	-42.5	8890.889
-47.5	6017.389	-47.5	6261.046
-55	2628.58	-55	2751.477
-65	793.473	-65	842.269
-75	264.112	-75	270.019
-85	35.321	-85	40.648
-90	.071	-90	.081

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-90WF.IES

CANDELA TABULATION

Maximum Candela = 20818.419

Beam Edge = 10409.2095 Cd (50% of Max.)

Field Edge = 2081.8419 Cd (10% of Max.)

* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	<u>-90.0</u>	<u>-85.0</u>	<u>-75.0</u>	<u>-65.0</u>	<u>-55.0</u>	<u>-47.5</u>	<u>-42.5</u>	<u>-37.5</u>	<u>-33.0</u>	<u>-29.0</u>
90.0	0.000	0.006	0.018	0.029	0.039	0.046	0.050	0.055	0.058	0.061
85.0	0.006	3.048	8.894	14.267	19.297	22.927	25.165	27.234	28.938	30.272
75.0	0.018	9.054	26.450	57.818	100.615	130.132	157.593	182.130	201.594	216.715
65.0	0.030	14.794	57.865	135.993	251.247	349.989	426.097	503.239	580.693	647.432
55.0	0.041	20.098	98.990	247.300	451.231	675.926	826.938	1074.639	1270.468	1435.913
47.5	0.048	23.693	127.479	340.589	662.180	1076.058	1406.574	2008.988	2508.991	*3121.167 *
42.5	0.052	25.874	154.274	404.465	804.697	1411.102	2153.146	*2984.739	*3968.501	*4787.608 *
37.5	0.056	27.861	178.528	463.268	1057.577	2036.040	3011.319	*4331.410	*5616.567	*6756.525 *
33.0	0.059	29.471	198.022	528.277	1263.968	2562.036	*4017.829	*5640.417	*7173.886	*8493.928 *
29.0	0.062	30.753	213.385	587.407	1442.903	3188.041	*4848.049	*6804.296	*8514.655	*10021.607 *
25.5	0.064	31.753	225.248	633.554	1707.919	3748.831	*5653.650	*7752.086	*9606.562	*11040.542 *
22.5	0.065	32.518	234.207	668.763	1910.770	4183.317	*6278.338	*8497.619	*10416.836	*11885.099 *
19.5	0.067	33.194	242.025	699.815	2090.079	*4571.932	*6837.062	*9167.708	*11090.686	*12600.728 *
17.0	0.068	33.688	247.655	722.428	2220.833	*4882.066	*7248.808	*9663.489	*11590.876	*13044.369 *
15.0	0.068	34.038	251.573	738.335	2312.858	*5132.035	*7548.389	*10014.768	*11948.938	*13361.796 *
13.0	0.069	34.346	254.966	752.272	2393.459	*5352.324	*7815.279	*10289.285	*12266.944	*13646.263 *
11.0	0.069	35.262	257.831	764.213	2462.444	*5542.155	*8045.324	*10526.406	*12501.095	*13895.080 *
9.0	0.070	35.273	260.167	774.137	2519.647	*5700.852	*8237.489	*10724.663	*12681.034	*14105.626 *
7.0	0.070	35.284	261.971	782.027	2564.938	*5827.847	*8390.899	*10882.773	*12825.016	*14270.008 *
5.0	0.070	35.294	264.893	787.871	2598.221	*5922.693	*8504.864	*10999.692	*12931.562	*14387.664 *
3.0	0.071	35.305	264.581	793.977	2633.025	*5985.069	*8578.890	*11074.625	*12999.475	*14462.658 *
1.0	0.071	35.316	264.268	793.641	2630.063	*6014.792	*8612.705	*11107.072	*13027.882	*14494.228 *
0.0	0.071	35.321	264.112	793.473	2628.580	*6017.389	*8614.507	*11107.293	*13027.097	*14493.641 *
-1.0	0.071	35.321	264.244	793.632	2629.313	*6014.223	*8611.211	*11103.237	*13020.654	*14483.419 *
-3.0	0.071	35.310	264.507	793.949	2630.779	*5983.377	*8574.471	*11063.281	*12978.026	*14430.448 *
-5.0	0.070	35.303	264.770	787.820	2594.533	*5919.923	*8497.707	*10981.323	*12896.588	*14334.693 *
-7.0	0.070	35.295	261.803	781.951	2559.852	*5824.067	*8381.313	*10858.170	*12777.647	*14197.306 *
-9.0	0.070	35.288	259.954	774.032	2513.240	*5696.160	*8225.896	*10694.900	*12622.794	*14015.342 *
-11.0	0.069	35.281	257.576	764.073	2454.814	*5536.672	*8032.251	*10492.814	*12433.846	*13790.506 *
-13.0	0.069	34.367	254.672	752.092	2384.722	*5346.196	*7801.347	*10253.413	*12192.933	*13530.454 *
-15.0	0.068	34.062	251.244	738.106	2303.149	*5125.428	*7534.300	*9978.349	*11870.857	*13238.049 *
-17.0	0.068	33.715	247.295	722.142	2210.301	*4875.161	*7234.874	*9626.051	*11511.388	*12916.126 *
-19.5	0.067	33.224	241.633	699.444	2078.753	4563.454	*6822.453	*9130.593	*11013.335	*12471.930 *
-22.5	0.065	32.552	233.786	668.269	1898.865	4171.415	*6263.560	*8463.475	*10347.437	*11762.409 *
-25.5	0.064	31.791	224.811	632.911	1695.877	3732.742	*5639.426	*7723.770	*9544.267	*10930.259 *
-29.0	0.062	30.794	212.948	586.554	1431.292	3166.071	*4835.397	*6779.749	*8461.129	*9931.064 *
-33.0	0.059	29.515	197.610	527.136	1254.315	2534.839	*3998.082	*5620.809	*7135.604	*8423.660 *
-37.5	0.056	27.907	178.178	461.829	1051.482	2011.800	2985.721	*4316.814	*5593.090	*6712.842 *
-42.5	0.052	25.921	154.035	402.872	804.127	1393.255	2131.092	*2966.713	*3955.873	*4774.495 *
-47.5	0.048	23.741	127.397	338.853	660.776	1066.063	1388.656	1991.768	2497.512	*3114.056 *
-55.0	0.041	20.143	99.006	245.727	448.519	670.353	817.160	1059.126	1252.584	1418.234
-65.0	0.030	14.831	58.038	135.741	248.643	345.228	419.398	494.055	568.324	631.452
-75.0	0.018	9.078	26.664	58.126	100.171	128.233	154.490	177.864	196.319	210.680
-85.0	0.006	3.056	8.968	14.469	19.479	22.876	24.916	26.759	28.238	29.598
-90.0	0.000	0.006	0.018	0.029	0.039	0.046	0.050	0.054	0.057	0.059

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-90WF.IES

CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	<u>-25.5</u>	<u>-22.5</u>	<u>-19.5</u>	<u>-17.0</u>	<u>-15.0</u>	<u>-13.0</u>	<u>-11.0</u>	<u>-9.0</u>	<u>-7.0</u>	<u>-5.0</u>
90.0	0.062	0.064	0.065	0.066	0.066	0.067	0.067	0.068	0.068	0.068
85.0	31.189	31.880	32.481	32.913	33.212	33.471	34.320	34.286	34.253	34.219
75.0	227.664	235.745	242.613	247.406	250.632	253.317	255.463	257.073	258.149	260.302
65.0	690.787	718.961	743.571	761.194	773.310	783.598	791.995	798.445	802.893	805.288
55.0	1685.261	1880.325	2055.684	2185.610	2278.443	2361.033	2433.063	2494.233	2544.271	2582.929 *
47.5	3673.641	4104.893	4511.794	4839.399	5103.906	5339.099	5544.118	5718.194	5860.654	5970.946 *
42.5	5584.652	6203.135	6773.961	7206.623	7525.737	7812.585	8062.119	8273.311	8445.298	8577.398 *
37.5	7688.678	8438.450	9116.382	9638.329	10011.034	10309.411	10570.195	10791.777	10972.724	1111.828 *
33.0	9572.104	10376.504	11066.601	11588.536	11974.154	12319.926	12577.542	12779.530	12946.068	13075.537 *
29.0	11030.349	11874.640	12594.507	13047.729	13379.969	13687.613	13960.602	14196.203	14389.412	14539.098 *
25.5	12188.796	12952.926	13616.675	14122.946	14485.162	14817.302	15120.954	15385.565	15607.534	15783.473 *
22.5	12954.398	13727.686	14443.533	14981.731	15379.681	15744.244	16076.875	16325.143	16536.145	16706.065 *
19.5	13617.667	14441.866	15199.131	15790.849	16192.897	16525.072	16828.345	17111.281	17355.053	17553.663 *
17.0	14122.022	14972.667	15782.021	16340.767	16729.995	17096.405	17435.005	17677.018	17886.019	18060.069 *
15.0	14473.833	15360.673	16170.205	16713.360	17129.673	17506.177	17779.494	18027.443	18255.535	18450.704 *
13.0	14780.252	15707.500	16479.844	17053.201	17478.285	17794.345	18091.730	18365.137	18611.277	18832.923 *
11.0	15047.906	16001.108	16749.806	17354.891	17717.129	18055.892	18378.803	18681.814	18955.283	19201.760 *
9.0	15273.647	16199.401	16975.514	17551.134	17923.609	18284.547	18635.783	18970.498	19278.087	19548.943 *
7.0	15454.568	16358.419	17157.758	17698.147	18087.617	18472.511	18853.531	19219.553	19561.836	19843.813 *
5.0	15588.182	16475.238	17292.272	17805.202	18207.740	18610.687	19013.489	19413.245	19755.556	20080.982 *
3.0	15672.583	16547.520	17355.526	17868.589	18279.050	18691.756	19105.930	19505.204	19863.758	20229.078 *
1.0	15706.597	16573.722	17371.126	17885.812	18304.624	18710.969	19125.217	19511.000	19866.983	20248.608 *
0.0	15704.569	16569.325	17363.706	17876.779	18287.237	18696.918	19106.599	19484.009	19829.146	20174.284 *
-1.0	15692.755	16556.985	17350.627	17860.648	18274.599	18673.683	19078.006	19449.901	19784.772	20128.714 *
-3.0	15631.380	16497.681	17294.734	17794.156	18190.566	18582.694	18968.800	19329.288	19631.963	19906.914 *
-5.0	15520.569	16393.385	17193.107	17684.517	18065.068	18437.542	18798.428	19141.682	19409.451	19629.475 *
-7.0	15362.056	16246.259	17022.601	17535.763	17897.065	18246.171	18576.652	18878.167	19137.219	19315.818 *
-9.0	15158.222	16059.139	16807.584	17352.591	17692.648	18014.404	18313.676	18581.776	18807.885	19003.747 *
-11.0	14911.918	15835.292	16552.709	17126.797	17455.156	17752.317	18024.763	18264.446	18462.207	18778.288 *
-13.0	14626.299	15520.687	16260.038	16801.328	17193.757	17467.785	17715.787	17931.730	18149.557	18504.338 *
-15.0	14304.657	15159.614	15934.198	16444.048	16827.979	17165.816	17392.173	17587.096	17879.476	18195.297 *
-17.0	13944.748	14762.965	15535.660	16059.911	16417.417	16747.349	17044.551	17277.232	17578.782	17859.153 *
-19.5	13441.497	14225.974	14946.838	15503.667	15875.052	16173.565	16439.608	16790.197	17116.617	17406.963 *
-22.5	12783.600	13516.004	14191.543	14697.049	15066.518	15400.628	15766.573	16079.052	16361.571	16609.382 *
-25.5	12028.675	12752.300	13376.213	13848.898	14184.927	14525.698	14880.592	15202.057	15486.032	15728.452 *
-29.0	10894.475	11696.276	12374.326	12796.624	13123.206	13469.909	13787.925	14073.998	14321.469	14527.975 *
-33.0	9468.982	10239.113	10890.229	11389.615	11797.571	12170.358	12462.515	12704.324	12913.985	13089.189 *
-37.5	7620.523	8344.472	8995.277	9535.691	9928.916	10248.588	10533.973	10783.175	10994.412	11166.075 *
-42.5	5555.323	6157.746	6731.084	7180.399	7514.727	7818.879	8087.977	8320.726	8515.960	8672.668 *
-47.5	3667.346	4100.947	4525.145	4867.112	5142.184	5389.685	5608.554	5797.805	5956.529	6083.922 *
-55.0	1671.991	1880.837	2071.639	2215.077	2319.025	2412.909	2496.320	2568.862	2630.166	2679.884 *
-65.0	676.227	709.046	739.054	761.666	778.044	792.793	805.813	817.006	826.276	833.532
-75.0	223.473	233.258	241.929	248.287	252.800	256.796	260.273	263.227	265.657	269.204
-85.0	31.286	32.674	34.002	35.056	35.863	36.634	38.068	38.537	39.006	39.475
-90.0	0.063	0.065	0.068	0.070	0.072	0.073	0.075	0.076	0.077	0.079

Vert. Angles	Horizontal Angles									
	<u>-3.0</u>	<u>-1.0</u>	<u>0.0</u>	<u>1.0</u>	<u>3.0</u>	<u>5.0</u>	<u>7.0</u>	<u>9.0</u>	<u>11.0</u>	<u>13.0</u>
90.0	0.068	0.068	0.068	0.068	0.068	0.068	0.068	0.067	0.067	0.066
85.0	34.185	34.152	34.135	34.127	34.112	34.096	34.080	34.065	34.049	33.159
75.0	259.295	258.288	257.784	257.759	257.709	257.658	254.497	252.420	249.841	246.764
65.0	808.038	804.009	801.994	802.127	802.394	795.945	789.898	781.885	771.980	760.260

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CANDELA TABULATION - (Cont.)

55.0	2623.417	*2626.772	*2628.450	*2623.023	*2612.177	*2564.395	*2518.603	*2461.706	*2394.027	*2315.910	*
47.5	6048.633	*6093.417	*6103.415	*6084.153	*6021.034	*5925.596	*5798.515	*5640.593	*5452.734	*5235.932	*
42.5	8669.125	*8720.218	*8730.504	*8705.201	*8624.338	*8503.622	*8343.819	*8145.895	*7910.980	*7640.349	*
37.5	11208.124	*11260.941	*11270.919	*11239.442	*11143.955	*11005.955	*10826.730	*10607.820	*10350.956	*10058.033	*
33.0	13166.588	*13218.182	*13228.955	*13189.809	*13081.939	*12936.010	*12753.934	*12537.862	*12290.105	*11991.102	*
29.0	14645.762	*14707.780	*14721.679	*14671.953	*14538.835	*14362.700	*14146.168	*13890.403	*13598.142	*13274.508	*
25.5	15910.393	*15985.899	*16003.827	*15942.735	*15781.712	*15571.653	*15316.373	*15020.052	*14687.004	*14321.477	*
22.5	16831.436	*16909.403	*16929.951	*16858.647	*16680.231	*16457.511	*16195.126	*15897.959	*15570.824	*15195.137	*
19.5	17678.805	*17756.036	*17779.284	*17695.508	*17498.787	*17258.732	*16952.560	*16610.354	*16244.785	*15976.650	*
17.0	18194.170	*18283.938	*18311.150	*18212.860	*17983.293	*17716.106	*17419.103	*17099.484	*16860.778	*16562.405	*
15.0	18602.662	*18712.223	*18736.642	*18630.132	*18359.884	*18056.778	*17724.528	*17418.211	*17221.204	*16992.725	*
13.0	19008.255	*19128.355	*19165.374	*19031.619	*18723.375	*18374.558	*18000.166	*17775.811	*17556.765	*17305.870	*
11.0	19406.445	*19549.412	*19594.107	*19432.665	*19064.851	*18658.338	*18324.627	*18120.045	*17876.268	*17600.288	*
9.0	19781.968	*19950.718	*20006.768	*19807.326	*19364.035	*18890.409	*18679.845	*18444.819	*18172.450	*17870.794	*
7.0	20106.939	*20326.774	*20403.359	*20144.805	*19586.199	*19219.907	*19013.023	*18742.868	*18437.821	*18115.707	*
5.0	20388.570	*20706.135	*20799.950	*20455.633	*19732.398	*19552.204	*19299.999	*19006.580	*18680.746	*18333.700	*
3.0	20496.225	*20663.184	*20756.273	*20405.166	*20060.062	*19845.210	*19555.242	*19238.794	*18883.673	*18507.932	*
1.0	20440.866	*20625.959	*20712.596	*20480.444	*20299.908	*20113.595	*19753.508	*19403.764	*19028.319	*18629.924	*
0.0	20380.873	*20587.462	*20690.757	*20588.240	*20383.206	*20178.172	*19818.259	*19458.346	*19075.298	*18669.117	*
-1.0	20317.074	*20492.587	*20716.289	*20629.347	*20436.658	*20246.038	*19852.390	*19483.534	*19094.849	*18686.485	*
-3.0	20096.491	*20424.910	*20767.354	*20682.170	*20506.339	*20213.534	*19840.341	*19472.589	*19079.392	*18675.267	*
-5.0	19784.108	*20481.931	*20818.419	*20731.697	*20427.299	*20092.049	*19739.828	*19379.066	*18995.359	*18605.355	*
-7.0	19654.840	*20188.484	*20436.862	*20364.018	*20152.795	*19880.343	*19571.567	*19218.318	*18853.154	*18482.561	*
-9.0	19448.733	*19866.811	*20055.305	*20000.757	*19836.410	*19607.789	*19317.244	*18998.276	*18661.357	*18306.765	*
-11.0	19162.149	*19508.214	*19659.622	*19614.510	*19472.076	*19267.981	*19015.606	*18731.716	*18422.085	*18088.415	*
-13.0	18833.935	*19124.228	*19249.812	*19210.526	*19087.270	*18909.412	*18684.709	*18429.627	*18145.740	*17837.491	*
-15.0	18483.518	*18739.993	*18840.002	*18811.666	*18694.958	*18536.873	*18336.958	*18103.591	*17844.738	*17560.309	*
-17.0	18110.950	*18326.066	*18417.360	*18387.020	*18291.417	*18152.306	*17974.312	*17762.576	*17512.728	*17166.759	*
-19.5	17631.187	*17812.701	*17889.058	*17863.392	*17781.655	*17652.990	*17453.813	*17212.218	*16933.745	*16620.728	*
-22.5	16817.683	*16981.929	*17046.271	*17025.065	*16946.357	*16821.458	*16653.684	*16446.867	*16205.069	*15874.029	*
-25.5	15925.433	*16073.504	*16128.280	*16111.104	*16037.674	*15913.694	*15741.658	*15524.630	*15266.041	*14969.512	*
-29.0	14694.043	*14817.291	*14862.235	*14849.546	*14790.433	*14687.390	*14542.118	*14352.319	*14118.556	*13847.771	*
-33.0	13227.798	*13327.916	*13363.032	*13354.028	*13305.736	*13217.776	*13091.306	*12927.792	*12728.957	*12476.745	*
-37.5	11296.755	*11385.297	*11413.484	*11406.143	*11359.084	*11269.261	*11137.430	*10964.629	*10752.131	*10501.421	*
-42.5	8790.012	*8867.358	*8890.889	*8884.009	*8839.819	*8755.187	*8630.460	*8466.207	*8263.184	*8022.327	*
-47.5	6179.281	*6242.037	*6261.046	*6255.011	*6218.079	*6148.172	*6045.620	*5910.893	*5744.574	*5547.364	*
-55.0	2731.709	*2744.885	*2751.477	*2753.087	*2756.304	*2720.415	*2686.266	*2639.895	*2581.479	*2511.222	*
-65.0	841.240	841.926	842.269	844.587	849.221	846.779	844.744	840.618	834.469	826.374	
-75.0	269.530	269.856	270.019	270.763	272.252	273.741	271.953	271.275	270.036	268.233	
-85.0	39.944	40.413	40.648	40.649	40.651	40.652	40.654	40.656	40.657	39.614	
-90.0	0.080	0.081	0.081	0.081	0.081	0.081	0.081	0.080	0.080	0.079	

Vert. Angles **Horizontal Angles**

	<u>15.0</u>	<u>17.0</u>	<u>19.5</u>	<u>22.5</u>	<u>25.5</u>	<u>29.0</u>	<u>33.0</u>	<u>37.5</u>	<u>42.5</u>	<u>47.5</u>
90.0	0.066	0.065	0.064	0.063	0.061	0.059	0.057	0.053	0.049	0.045
85.0	32.856	32.513	32.029	31.369	30.623	29.649	28.297	26.593	24.533	22.315
75.0	243.193	239.132	233.378	225.493	216.563	204.860	190.711	172.554	149.643	123.978
65.0	746.807	731.701	710.623	682.328	651.035	607.514	545.772	474.162	402.902	331.556
55.0	2227.722	*2129.845	*1994.480	1814.006	1615.796	1370.467	1208.360	1019.733	785.265	643.485
47.5	4991.261	*4719.854	*4384.612	*3970.868	*3543.606	*2999.042	*2396.306	*1910.084	1332.635	1021.249
42.5	7335.393	*7001.606	*6556.211	*5987.563	*5388.069	*4612.943	*3808.823	*2842.278	*2036.892	1333.161
37.5	9731.048	*9335.654	*8794.290	*8140.980	*7415.753	*6512.186	*5403.597	*4147.320	*2852.013	*1922.099
33.0	11608.852	*11191.962	*10683.170	*10018.547	*9240.199	*8195.757	*6912.030	*5416.388	*3827.182	*2432.003
29.0	12922.745	*12595.015	*12172.771	*11485.906	*10667.927	*9681.651	*8216.595	*6547.491	*4653.105	*3057.994
25.5	13974.972	*13637.959	*13166.559	*12542.656	*11813.835	*10691.031	*9282.376	*7478.081	*5463.358	*3626.015

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CANDELA TABULATION - (Cont.)

22.5	14859.3101	4487.6601	3978.7901	3302.1611	2568.4031	1533.7731	0082.6448	232.863	6095.550	4070.529 *
19.5	15673.3691	5297.5501	4737.2311	4011.1781	3223.9791	2250.1421	0781.8938	917.368	6665.074	4472.565 *
17.0	16227.9801	5862.8571	5328.9641	4550.7291	3726.5211	2707.2431	1309.1239	429.105	7088.335	4794.717 *
15.0	16650.4281	6258.2881	5733.8011	4949.5101	4096.4201	3045.8851	1690.1929	795.853	7399.478	5053.480 *
13.0	17029.2591	6628.4191	6070.8241	5320.8291	4438.0811	3355.6391	2032.4021	0091.8627	679.739	5283.636 *
11.0	17300.1251	6968.2591	6382.6381	5657.9951	4744.2301	3633.6471	2290.5131	0351.3207	924.615	5484.370 *
9.0	17545.8501	7212.7931	6666.8881	5909.6231	5011.5441	3877.0061	2496.0901	0572.7018	132.953	5654.957 *
7.0	17775.5261	7420.8111	6910.2481	6123.6001	5236.8151	4078.2531	2667.9241	0754.6538	303.747	5794.773 *
5.0	17970.5491	7594.9961	7108.0231	6296.6401	5417.1151	4235.4341	2804.1411	0896.0468	436.153	5903.306 *
3.0	18123.7941	7730.5531	7234.3141	6425.9171	5549.9711	4351.1411	2903.0851	0995.9908	529.509	5980.165 *
1.0	18236.0901	7823.2911	7314.4551	6509.3011	5633.5321	4424.1461	2963.3781	1053.8838	583.362	6025.091 *
0.0	18262.9361	7852.6071	7339.6951	6533.3601	5656.4541	4444.3891	2978.6881	1066.9548	595.391	6035.534 *
-1.0	18285.2741	7865.4671	7349.8731	6540.0941	5660.8921	4447.9361	2981.2601	1067.3698	593.831	6033.021 *
-3.0	18269.2011	7855.6361	7339.6131	6517.9591	5631.7611	4422.3221	2956.3421	1036.3518	560.815	6003.902 *
-5.0	18206.3161	7798.8741	7280.8171	6448.9491	5552.4901	4353.4451	2891.6201	0962.9828	488.005	5942.694 *
-7.0	18093.0171	7697.2801	7148.7601	6334.6331	5424.4261	4242.1921	2787.7531	0847.6788	375.663	5849.551 *
-9.0	17934.2721	7554.3081	6968.1431	6177.3911	5249.6231	4083.4211	2645.7451	0691.1518	224.274	5724.769 *
-11.0	17738.3111	7364.0041	6743.3041	5980.2001	5030.6851	3876.3531	2466.9081	0494.3748	034.517	5568.766 *
-13.0	17510.1191	7073.1581	6481.0341	5693.3321	4770.5961	3629.5631	2233.7051	0258.5607	807.252	5382.082 *
-15.0	17174.4001	6746.5541	6185.2611	5362.2451	4472.5511	3345.5531	1917.9289	985.122	7543.500	5165.365 *
-17.0	16790.7311	6389.5581	5815.7941	4995.2691	4132.1311	3026.9411	1561.6349	637.842	7247.858	4919.362 *
-19.5	16277.2851	5863.6991	5259.9871	4490.3701	3639.8731	2585.1091	1062.9449	147.707	6843.028	4610.653 *
-22.5	15496.7181	5087.2421	4536.1501	3794.7781	2990.3861	1890.2371	0393.6358	485.073	6293.273	4221.147 *
-25.5	14634.4951	4257.8261	3727.0681	3033.1641	2241.2461	1071.3639	612.056	7747.667	5678.179	3785.990 *
-29.0	13542.7911	3198.1451	2720.1021	1979.2431	1117.0731	0084.4568	557.123	6829.980	4884.434	3224.729 *
-33.0	12141.8681	1768.4261	1236.5921	0526.8859	701.024	8599.255	7256.271	5704.521	4059.825	2598.030 *
-37.5	10214.1469	850.494	9339.011	8635.431	7862.310	6903.646	5738.241	4425.381	3069.449	2069.626
-42.5	7744.723	7434.760	7011.653	6436.743	5792.324	4969.253	4110.474	3087.783	2215.840	1446.181
-47.5	5320.061	5063.553	4742.190	4338.577	3881.847	3294.755	2644.026	2099.868	1461.015	1108.152
-55.0	2429.363	2336.165	2204.162	2023.829	1819.842	1540.421	1348.753	1128.117	858.895	700.934
-65.0	816.411	804.658	787.576	763.787	736.681	692.660	621.159	536.804	449.959	365.720
-75.0	265.860	262.913	258.419	251.834	243.946	233.102	215.809	193.763	166.325	135.947
-85.0	39.272	38.881	38.326	37.564	36.699	35.562	33.459	30.770	27.685	24.536
-90.0	0.079	0.078	0.077	0.075	0.073	0.071	0.067	0.062	0.055	0.049

Vert. Angles	Horizontal Angles				
	55.0	65.0	75.0	85.0	90.0
90.0	0.038	0.029	0.019	0.007	0.000
85.0	18.736	14.262	9.406	3.393	0.007
75.0	96.178	57.211	28.036	10.087	0.021
65.0	237.959	133.545	60.269	16.507	0.034
55.0	431.489	240.733	102.241	22.472	0.046
47.5	636.973	332.945	131.620	26.545	0.054
42.5	777.325	396.922	158.113	29.031	0.059
37.5	1020.460	456.211	182.270	31.312	0.064
33.0	1222.256	522.115	201.849	33.173	0.068
29.0	1400.051	582.655	217.422	34.666	0.071
25.5	1663.444	630.484	229.568	35.841	0.073
22.5	1867.918	667.437	238.839	36.746	0.074
19.5	2051.459	700.478	247.029	37.554	0.076
17.0	2187.572	724.909	253.011	38.151	0.077
15.0	2284.971	742.359	257.237	38.578	0.078
13.0	2371.808	757.901	260.958	38.960	0.079
11.0	2447.788	771.497	264.170	40.032	0.079
9.0	2512.630	783.110	266.870	40.077	0.080

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CANDELA TABULATION - (Cont.)

7.0	2566.081	*792.707	269.055	40.122	0.080
5.0	2607.915	*800.259	272.347	40.167	0.080
3.0	2651.567	*808.115	272.455	40.213	0.080
1.0	2657.495	*809.391	272.563	40.281	0.081
0.0	2660.462	*810.030	272.617	40.281	0.081
-1.0	2662.072	*810.268	272.767	40.261	0.081
-3.0	2665.288	*810.744	273.066	40.220	0.080
-5.0	2630.442	*804.602	273.364	40.179	0.080
-7.0	2597.137	*798.733	270.455	40.139	0.080
-9.0	2551.740	*790.766	268.650	40.098	0.080
-11.0	2494.352	*780.714	266.312	40.058	0.079
-13.0	2425.109	*768.598	263.444	38.990	0.079
-15.0	2344.178	*754.439	260.044	38.613	0.078
-17.0	2251.759	*738.264	256.114	38.190	0.077
-19.5	2120.427	*715.257	250.462	37.598	0.076
-22.5	1940.309	683.649	242.601	36.795	0.074
-25.5	1736.538	647.798	233.580	35.895	0.073
-29.0	1470.325	600.802	221.616	34.726	0.071
-33.0	1289.789	540.581	206.094	33.237	0.068
-37.5	1081.104	474.529	186.362	31.379	0.064
-42.5	825.084	414.973	161.766	29.101	0.059
-47.5	680.034	349.972	134.546	26.614	0.054
-55.0	464.996	254.577	104.573	22.538	0.046
-65.0	258.747	140.049	61.443	16.560	0.034
-75.0	103.093	59.296	28.348	10.122	0.021
-85.0	19.771	14.556	9.513	3.405	0.007
-90.0	0.040	0.029	0.019	0.007	0.000

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-90WF.IES

LUMEN TABULATION

Average Of Right And Left Sides

Total Luminaire Lumens (one side of beam only) = 15739.22

Total Field Lumens (one side of beam only) = 14801.68

* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	<u>0</u>	<u>1</u>	<u>3</u>	<u>5</u>	<u>7</u>	<u>9</u>	<u>11</u>	<u>13</u>	<u>15</u>	<u>17</u>
90										
85	0.03	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06
75	0.44	0.89	0.89	0.88	0.87	0.86	0.85	0.83	0.81	0.99
65	1.62	3.23	3.23	3.20	3.16	3.12	3.06	3.00	2.92	3.53
55	5.22	10.43	10.33	10.15	9.95	9.69	9.39	9.05	8.66	10.23
47.5	9.96 *	19.82 *	19.57 *	19.18 *	18.68 *	18.08 *	17.36 *	16.54 *	15.63 *	18.18 *
42.5	11.28 *	22.44 *	22.16 *	21.75 *	21.20 *	20.53 *	19.74 *	18.84 *	17.83 *	20.79 *
37.5	15.22 *	30.28 *	29.95 *	29.46 *	28.81 *	28.02 *	27.08 *	26.02 *	24.81 *	29.12 *
33	16.78 *	33.39 *	33.07 *	32.59 *	31.97 *	31.22 *	30.32 *	29.26 *	28.03 *	33.12 *
29	17.01 *	33.86 *	33.53 *	33.06 *	32.47 *	31.75 *	30.90 *	29.90 *	28.79 *	34.33 *
25.5	16.36 *	32.55 *	32.21 *	31.73 *	31.13 *	30.41 *	29.58 *	28.67 *	27.71 *	33.21 *
22.5	15.03 *	29.89 *	29.56 *	29.12 *	28.57 *	27.92 *	27.16 *	26.33 *	25.46 *	30.49 *
19.5	15.84 *	31.49 *	31.15 *	30.68 *	30.08 *	29.40 *	28.64 *	27.83 *	26.94 *	32.25 *
17	13.72 *	27.26 *	26.96 *	26.54 *	26.04 *	25.47 *	24.87 *	24.20 *	23.45 *	28.10 *
15	11.27 *	22.37 *	22.09 *	21.75 *	21.34 *	20.93 *	20.48 *	19.93 *	19.31 *	23.18 *
13	11.52 *	22.86 *	22.55 *	22.16 *	21.74 *	21.33 *	20.89 *	20.38 *	19.76 *	23.70 *
11	11.78 *	23.34 *	22.98 *	22.56 *	22.15 *	21.73 *	21.25 *	20.73 *	20.13 *	24.17 *
9	12.03 *	23.80 *	23.38 *	22.95 *	22.54 *	22.09 *	21.58 *	21.03 *	20.43 *	24.56 *
7	12.26 *	24.21 *	23.75 *	23.33 *	22.91 *	22.42 *	21.88 *	21.29 *	20.67 *	24.88 *
5	12.49 *	24.57 *	24.08 *	23.68 *	23.23 *	22.70 *	22.13 *	21.51 *	20.87 *	25.13 *
3	12.59 *	24.80 *	24.37 *	23.96 *	23.47 *	22.93 *	22.32 *	21.68 *	21.02 *	25.31 *
1	12.57 *	24.88 *	24.57 *	24.16 *	23.63 *	23.07 *	22.45 *	21.79 *	21.12 *	25.42 *
0	6.29 *	12.46 *	12.32 *	12.12 *	11.85 *	11.56 *	11.25 *	10.92 *	10.58 *	12.73 *
-1	6.29 *	12.47 *	12.32 *	12.12 *	11.85 *	11.57 *	11.25 *	10.92 *	10.58 *	12.73 *
	12.58 *	24.90 *	24.59 *	24.17 *	23.66 *	23.09 *	22.47 *	21.82 *	21.14 *	25.44 *

IES FLOOD REPORT
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LUMENS TABULATION - (Cont.)

-3	12.60 *	24.83 *	24.41 *	24.00 *	23.52 *	22.97 *	22.37 *	21.73 *	21.06 *	25.35 *
-5	12.51 *	24.63 *	24.15 *	23.75 *	23.30 *	22.77 *	22.20 *	21.58 *	20.93 *	25.20 *
-7	12.29 *	24.28 *	23.84 *	23.42 *	23.00 *	22.51 *	21.97 *	21.38 *	20.75 *	24.97 *
-9	12.06 *	23.88 *	23.48 *	23.06 *	22.65 *	22.20 *	21.69 *	21.13 *	20.53 *	24.67 *
-11	11.82 *	23.44 *	23.10 *	22.69 *	22.27 *	21.85 *	21.37 *	20.84 *	20.24 *	24.30 *
-13	11.58 *	22.98 *	22.67 *	22.30 *	21.88 *	21.47 *	21.02 *	20.50 *	19.88 *	23.85 *
-15	11.33 *	22.50 *	22.23 *	21.89 *	21.49 *	21.08 *	20.62 *	20.08 *	19.45 *	23.34 *
-17	13.80 *	27.44 *	27.14 *	26.73 *	26.24 *	25.68 *	25.07 *	24.40 *	23.64 *	28.33 *
-19.5	15.94 *	31.70 *	31.37 *	30.92 *	30.34 *	29.67 *	28.92 *	28.10 *	27.20 *	32.57 *
-22.5	15.14 *	30.12 *	29.81 *	29.38 *	28.84 *	28.21 *	27.46 *	26.63 *	25.75 *	30.84 *
-25.5	16.50 *	32.84 *	32.52 *	32.06 *	31.47 *	30.76 *	29.95 *	29.04 *	28.08 *	33.63 *
-29	17.18 *	34.21 *	33.89 *	33.44 *	32.86 *	32.14 *	31.30 *	30.32 *	29.21 *	34.85 *
-33	16.97 *	33.79 *	33.48 *	33.02 *	32.41 *	31.67 *	30.80 *	29.75 *	28.54 *	33.77 *
-37.5	15.45 *	30.76 *	30.44 *	29.97 *	29.34 *	28.56 *	27.65 *	26.60 *	25.40 *	29.87 *
-42.5	11.53 *	22.94 *	22.67 *	22.27 *	21.73 *	21.07 *	20.29 *	19.40 *	18.40 *	21.49 *
-47.5	10.29 *	20.48 *	20.24 *	19.85 *	19.36 *	18.76 *	18.04 *	17.22 *	16.30 *	19.00 *
-55	5.47	10.93	10.83	10.65	10.45	10.19	9.88	9.52	9.12	10.78
-65	1.69	3.39	3.38	3.36	3.32	3.27	3.21	3.15	3.07	3.71
-75	0.47	0.95	0.95	0.94	0.93	0.92	0.90	0.88	0.86	1.05
-85	0.03	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.07
-90										
Total	484.83	962.39	950.32	935.10	916.83	895.74	871.71	844.82	815.18	973.27

Vert. Horizontal Angles

Angles	19.5	22.5	25.5	29	33	37.5	42.5	47.5	55	65
90	0.07	0.07	0.07	0.08	0.08	0.08	0.06	0.07	0.06	0.03
85	1.14	1.08	1.17	1.22	1.20	1.12	0.88	0.95	0.72	0.28
75	4.04	3.81	4.10	4.17	3.99	3.60	2.79	2.90	2.04	0.72
65	11.30	10.16	10.31	10.01	9.34	8.04	5.98	6.02	4.05	1.40
55	19.77 *	17.44 *	17.28 *	15.97	14.06	11.33	7.84	7.50	4.77	1.58

IES FLOOD REPORT
PHOTOMETRIC FILENAME : GAU-LTL-250W-LED-90WF.IES

LUMENS TABULATION - (Cont.)

47.5										
	22.66 *	20.06 *	19.97 *	18.41 *	15.69 *	12.16	7.92	6.90	4.14	1.33
42.5	32.00 *	28.61 *	28.87 *	27.06 *	23.15 *	17.76 *	11.27	9.25	5.12	1.56
37.5	36.77 *	33.29 *	34.05 *	32.34 *	28.10 *	21.81 *	13.72 *	10.86	5.59	1.60
33	38.50 *	35.17 *	36.44 *	35.09 *	30.90 *	24.35 *	15.39 *	11.84	5.74	1.59
29	37.47 *	34.53 *	36.13 *	35.20 *	31.44 *	25.11 *	16.13 *	12.40 *	5.76	1.51
25.5	34.46 *	31.95 *	33.65 *	33.10 *	29.94 *	24.25 *	15.79 *	12.21 *	5.56	1.38
22.5	36.42 *	33.76 *	35.76 *	35.49 *	32.39 *	26.55 *	17.43 *	13.51 *	6.08	1.44
19.5	31.73 *	29.39 *	31.18 *	31.12 *	28.66 *	23.70 *	15.67 *	12.18 *	5.42	1.25
17	26.20 *	24.26 *	25.72 *	25.77 *	23.91 *	19.88 *	13.23 *	10.31 *	4.54	1.02
15	26.83 *	24.86 *	26.35 *	26.46 *	24.66 *	20.60 *	13.80 *	10.78 *	4.70	1.04
13	27.38 *	25.40 *	26.90 *	27.05 *	25.28 *	21.21 *	14.30 *	11.20 *	4.84	1.06
11	27.84 *	25.85 *	27.39 *	27.54 *	25.78 *	21.73 *	14.73 *	11.55 *	4.96	1.08
9	28.22 *	26.20 *	27.79 *	27.93 *	26.19 *	22.16 *	15.08 *	11.84 *	5.06	1.09
7	28.52 *	26.49 *	28.12 *	28.25 *	26.51 *	22.50 *	15.36 *	12.07 *	5.13	1.10
5	28.73 *	26.71 *	28.35 *	28.47 *	26.75 *	22.75 *	15.57 *	12.25 *	5.20	1.11
3	28.86 *	26.84 *	28.50 *	28.62 *	26.89 *	22.90 *	15.69 *	12.35 *	5.24	1.11
1	14.46 *	13.45 *	14.28 *	14.34 *	13.48 *	11.48 *	7.87 *	6.19 *	2.62	0.56
0	14.46 *	13.45 *	14.28 *	14.34 *	13.48 *	11.48 *	7.87 *	6.19 *	2.62	0.56
-1	28.89 *	26.86 *	28.53 *	28.64 *	26.92 *	22.92 *	15.71 *	12.37 *	5.25	1.11
-3	28.78 *	26.75 *	28.40 *	28.52 *	26.79 *	22.79 *	15.60 *	12.28 *	5.22	1.11
-5	28.59 *	26.56 *	28.19 *	28.32 *	26.58 *	22.57 *	15.42 *	12.12 *	5.15	1.10
-7	28.31 *	26.30 *	27.89 *	28.03 *	26.28 *	22.25 *	15.15 *	11.90 *	5.08	1.09
-9	27.96 *	25.96 *	27.51 *	27.65 *	25.89 *	21.84 *	14.82 *	11.62 *	4.99	1.08
-11	27.53 *	25.54 *	27.05 *	27.19 *	25.41 *	21.34 *	14.40 *	11.29 *	4.88	1.07
-13	27.00 *	25.02 *	26.52 *	26.62 *	24.81 *	20.75 *	13.92 *	10.89 *	4.74	1.05
-15	26.39 *	24.44 *	25.91 *	25.95 *	24.09 *	20.06 *	13.36 *	10.43 *	4.59	1.03
-17	32.00 *	29.64 *	31.44 *	31.38 *	28.92 *	23.94 *	15.85 *	12.34 *	5.48	1.26
-19.5	36.78 *	34.08 *	36.09 *	35.84 *	32.75 *	26.88 *	17.68 *	13.72 *	6.16	1.46

IES FLOOD REPORT
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LUMENS TABULATION - (Cont.)

-22.5	34.85 *	32.29 *	34.01 *	33.50 *	30.35 *	24.62 *	16.06 *	12.42 *	5.65	1.39
-25.5	37.94 *	34.97 *	36.61 *	35.72 *	31.95 *	25.58 *	16.46 *	12.66 *	5.86	1.53
-29	39.10 *	35.74 *	37.06 *	35.74 *	31.53 *	24.91 *	15.77 *	12.12 *	5.86	1.61
-33	37.53 *	33.99 *	34.81 *	33.11 *	28.83 *	22.43 *	14.13 *	11.17	5.72	1.62
-37.5	32.87 *	29.43 *	29.73 *	27.91 *	23.92 *	18.37 *	11.66 *	9.54	5.24	1.58
-42.5	23.48 *	20.83 *	20.76 *	19.16 *	16.34 *	12.64 *	8.22	7.13	4.26	1.36
-47.5	20.70 *	18.30 *	18.13 *	16.75 *	14.71	11.81	8.15	7.77	4.91	1.61
-55	11.92	10.73	10.88	10.54	9.81	8.40	6.23	6.26	4.18	1.43
-65	4.25	4.00	4.32	4.40	4.20	3.78	2.91	3.01	2.10	0.74
-75	1.20	1.14	1.24	1.28	1.26	1.17	0.92	0.99	0.74	0.29
-85	0.08	0.07	0.08	0.08	0.08	0.08	0.07	0.08	0.07	0.03
-90										
Total	1093.96	1005.48	1051.83	1034.35	943.30	775.66	516.89	413.44	196.07	49.97

Vert. Angles	Horizontal Angles			
	<u>75</u>	<u>85</u>	<u>90</u>	<u>Total</u>
90				
	0.01	0.00		1.17
85				
	0.06	0.00		18.15
75				
	0.15	0.00		62.38
65				
	0.26	0.01		169.98
55				
	0.27	0.01		290.83
47.5				
	0.22	0.00		326.01
42.5				
	0.26	0.00		453.67
37.5				
	0.26	0.00		518.16
33				
	0.25	0.00		540.86
29				
	0.24	0.00		529.47
25.5				
	0.21	0.00		492.03
22.5				
	0.22	0.00		523.34
19.5				
	0.19	0.00		457.09
17				
	0.15	0.00		377.64

IES FLOOD REPORT
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LUMENS TABULATION - (Cont.)

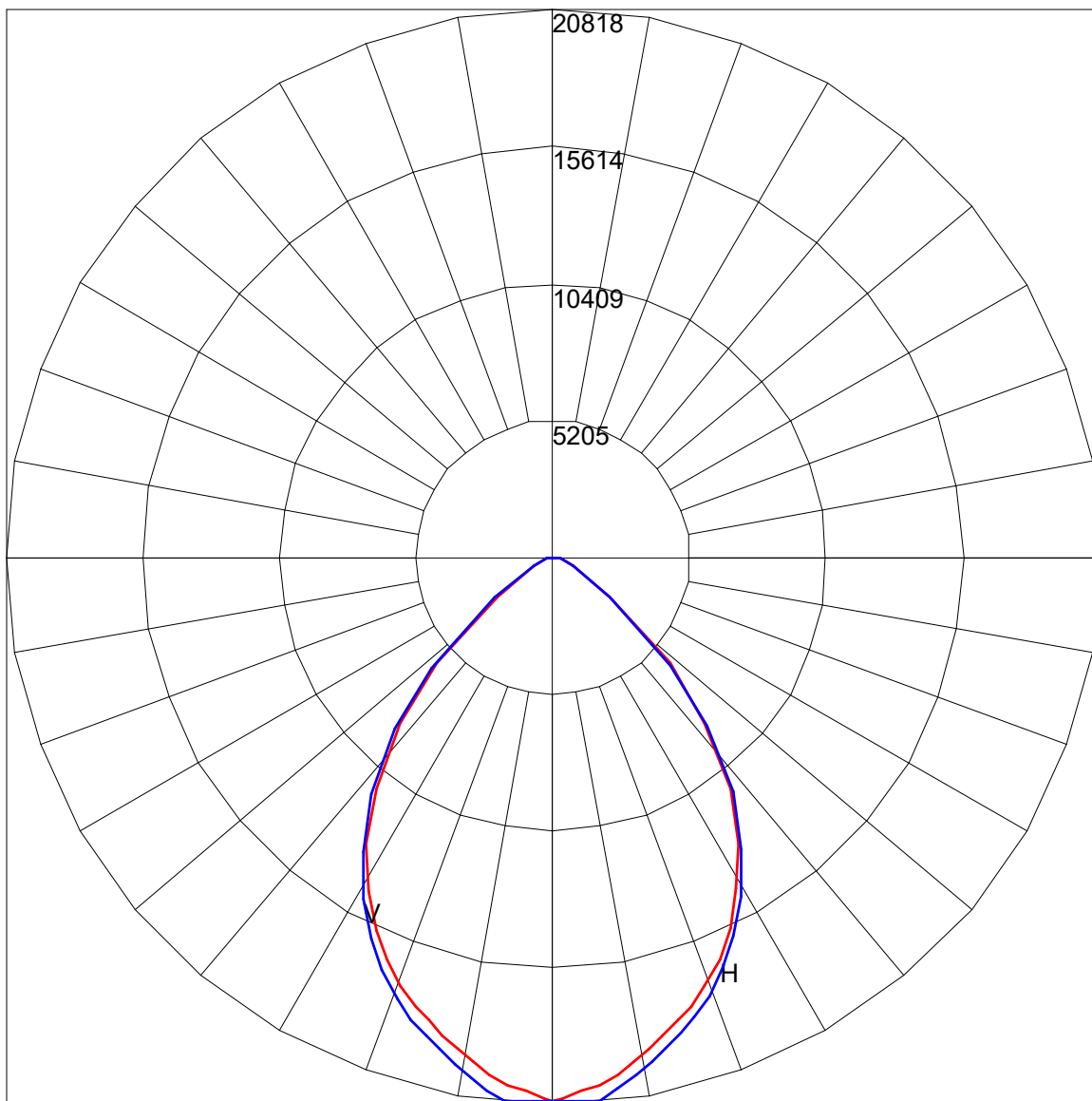
15	0.15	0.00	387.12
13	0.16	0.00	395.58
11	0.16	0.00	402.99
9	0.16	0.00	409.34
7	0.16	0.00	414.61
5	0.16	0.00	418.50
3	0.16	0.00	420.84
1	0.08	0.00	210.89
0	0.08	0.00	210.94
-1	0.16	0.00	421.22
-3	0.16	0.00	419.27
-5	0.16	0.00	415.77
-7	0.16	0.00	410.87
-9	0.16	0.00	404.86
-11	0.16	0.00	397.77
-13	0.16	0.00	389.62
-15	0.15	0.00	380.42
-17	0.19	0.00	460.91
-19.5	0.22	0.00	528.40
-22.5	0.21	0.00	497.54
-25.5	0.24	0.00	536.36
-29	0.26	0.00	549.09
-33	0.26	0.00	527.77
-37.5	0.26	0.00	464.54
-42.5	0.23	0.00	336.19
-47.5	0.28	0.01	302.67
-55	0.26	0.01	178.46
-65	0.15	0.00	65.43

IES FLOOD REPORT
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LUMENS TABULATION - (Cont.)

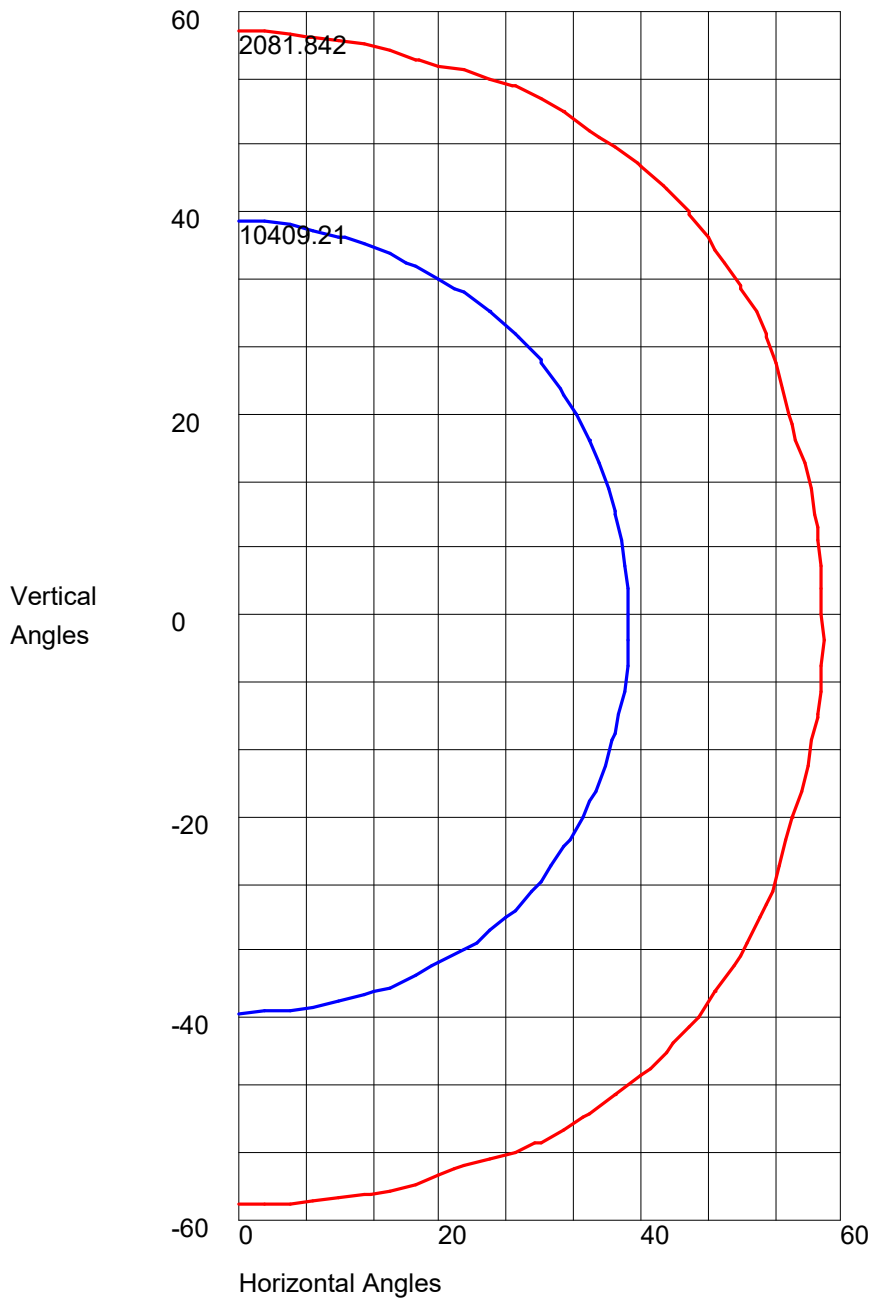
-75	0.07	0.00	19.14
-85	0.01	0.00	1.29
-90			
Total	7.93	0.14	15739.22

AXIAL CANDELA DISPLAY



Maximum Candela = 20818.419 Located At Horizontal Angle = 0, Vertical Angle = -5
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 20818.419 Located At Horizontal Angle = 0, Vertical Angle = -5
50% Maximum Candela = 10409.2095
10% Maximum Candela = 2081.8419