

EYELITE™

from EYE Lighting

IES FLOOD REPORT

PHOTOMETRIC FILENAME : FDX-L13-740-W-UNV-X-XX-X.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB]

[TESTDATE] 4/23/2015

[ISSUEDATE] 4/23/2015

[MANUFAC] EYELITE

[LUMCAT] FDX-L13-740-W-UNV-X-XX-X

[LUMINAIRE]

[LAMPCAT]

[LAMP]

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

CHARACTERISTICS

NEMA Type	3 H x 4 V
Maximum Candela	56000.93
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	18.2
Vertical Beam Angle (50%)	18.8
Horizontal Field Angle (10%)	45.6
Vertical Field Angle (10%)	48.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	3349
Beam Efficiency	N.A.
Field Lumens	7863
Field Efficiency	N.A.
Spill Lumens	5220
Luminaire Lumens	13083
Total Efficiency	N.A.
Total Luminaire Watts	133.03
Ballast Factor	1.00

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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	.006	90	.059
85	.527	85	.351
75	11.287	75	15.392
65	30.352	65	35.937
55	103.481	55	130.862
47.5	495.066	47.5	513.299
42.5	1712.535	42.5	1812.549
37.5	3747.257	37.5	3724.505
33	4514.494	33	4626.193
29	4791.479	29	4926.756
25.5	5124.862	25.5	5276.111
22.5	5656.943	22.5	6063.95
19.5	6850.599	19.5	7085.343
17	8296.165	17	8730.631
15	10798.69	15	11136.43
13	14431.26	13	15021.63
11	20674.609	11	21633.359
9	28403.58	9	29569
7	35430.191	7	36574.32
5	45878.109	5	46814.922
3	52388.109	3	52748.102
1	55329.34	1	55369.891
0	56000.93	0	56000.93
-1	55329.34	-1	55369.891
-3	52388.109	-3	52748.102
-5	45878.109	-5	46814.922
-7	35430.191	-7	36574.32
-9	28403.58	-9	29569
-11	20674.609	-11	21633.359
-13	14431.26	-13	15021.63
-15	10798.69	-15	11136.43
-17	8296.165	-17	8730.631
-19.5	6850.599	-19.5	7085.343
-22.5	5656.943	-22.5	6063.95
-25.5	5124.862	-25.5	5276.111
-29	4791.479	-29	4926.756
-33	4514.494	-33	4626.193
-37.5	3747.257	-37.5	3724.505
-42.5	1712.535	-42.5	1812.549
-47.5	495.066	-47.5	513.299
-55	103.481	-55	130.862
-65	30.352	-65	35.937
-75	11.287	-75	15.392
-85	.527	-85	.351
-90	.006	-90	.059

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CANDELA TABULATION

Maximum Candela = 56000.93
 Beam Edge = 28000.465 Cd (50% of Max.)
 Field Edge = 5600.093 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	0.006	0.016	0.037	0.054	0.063	0.069	0.071	0.070	0.069	0.069
85.0	0.006	0.010	0.049	0.058	0.185	0.313	0.384	0.440	0.485	0.509
75.0	0.006	0.026	0.256	1.681	4.085	6.124	7.630	9.124	10.605	11.896
65.0	0.006	0.022	1.434	5.851	11.067	15.707	19.109	22.350	24.870	26.994
55.0	0.006	0.034	3.604	10.442	19.681	27.936	33.437	40.217	47.219	55.818
47.5	0.006	0.048	5.366	14.288	26.796	39.509	52.577	70.296	103.262	148.736
42.5	0.006	0.064	6.472	16.827	31.989	51.980	75.290	130.068	219.852	289.150
37.5	0.006	0.086	7.500	19.294	38.335	68.791	128.686	247.791	372.172	613.145
33.0	0.006	0.087	8.244	21.417	44.416	97.991	214.624	358.898	793.613	1610.603
29.0	0.006	0.087	8.915	23.266	52.387	140.008	276.511	598.534	1597.052	2785.718
25.5	0.006	0.097	9.347	24.944	57.300	189.112	342.217	1083.163	2460.468	3562.729
22.5	0.006	0.191	9.743	25.999	63.816	225.783	443.277	1561.403	3011.257	4155.003
19.5	0.006	0.275	10.091	27.217	69.827	257.034	596.779	2142.332	3648.348	4409.886
17.0	0.006	0.336	10.351	27.849	75.659	278.424	785.031	2508.822	3998.739	4532.054
15.0	0.006	0.379	10.559	28.372	80.699	292.099	987.224	2767.308	4172.801	4598.441
13.0	0.006	0.417	10.725	28.921	86.105	305.523	1160.285	2968.708	4297.684	4653.333
11.0	0.006	0.538	10.898	29.389	90.009	321.780	1275.546	3148.286	4404.539	4694.566
9.0	0.006	0.536	11.040	29.758	93.500	346.368	1402.457	3307.698	4453.992	4728.020
7.0	0.006	0.534	11.151	30.040	97.505	382.780	1512.172	3591.069	4479.961	4756.994
5.0	0.006	0.532	11.330	30.234	100.523	430.864	1607.453	3659.199	4501.538	4778.338
3.0	0.006	0.530	11.313	30.435	103.760	486.227	1709.749	3715.549	4512.979	4790.037
1.0	0.006	0.528	11.296	30.380	103.574	492.116	1711.605	3747.157	4517.022	4794.159
0.0	0.006	0.527	11.287	30.352	103.481	495.066	1712.535	3747.257	4514.494	4791.479
-1.0	0.006	0.527	11.296	30.380	103.574	492.116	1711.605	3747.157	4517.022	4794.159
-3.0	0.006	0.530	11.313	30.435	103.760	486.227	1709.749	3715.549	4512.979	4790.037
-5.0	0.006	0.532	11.330	30.234	100.523	430.864	1607.453	3659.199	4501.538	4778.338
-7.0	0.006	0.534	11.151	30.040	97.505	382.780	1512.172	3591.069	4479.961	4756.994
-9.0	0.006	0.536	11.040	29.758	93.500	346.368	1402.457	3307.698	4453.992	4728.020
-11.0	0.006	0.538	10.898	29.389	90.009	321.780	1275.546	3148.286	4404.539	4694.566
-13.0	0.006	0.417	10.725	28.921	86.105	305.523	1160.285	2968.708	4297.684	4653.333
-15.0	0.006	0.379	10.559	28.372	80.699	292.099	987.224	2767.308	4172.801	4598.441
-17.0	0.006	0.336	10.351	27.849	75.659	278.424	785.031	2508.822	3998.739	4532.054
-19.5	0.006	0.275	10.091	27.217	69.827	257.034	596.779	2142.332	3648.348	4409.886
-22.5	0.006	0.191	9.743	25.999	63.816	225.783	443.277	1561.403	3011.257	4155.003
-25.5	0.006	0.097	9.347	24.944	57.300	189.112	342.217	1083.163	2460.468	3562.729
-29.0	0.006	0.087	8.915	23.266	52.387	140.008	276.511	598.534	1597.052	2785.718
-33.0	0.006	0.087	8.244	21.417	44.416	97.991	214.624	358.898	793.613	1610.603
-37.5	0.006	0.086	7.500	19.294	38.335	68.791	128.686	247.791	372.172	613.145
-42.5	0.006	0.064	6.472	16.827	31.989	51.980	75.290	130.068	219.852	289.150
-47.5	0.006	0.048	5.366	14.288	26.796	39.509	52.577	70.296	103.262	148.736
-55.0	0.006	0.034	3.604	10.442	19.681	27.936	33.437	40.217	47.219	55.818
-65.0	0.006	0.022	1.434	5.851	11.067	15.707	19.109	22.350	24.870	26.994
-75.0	0.006	0.026	0.256	1.681	4.085	6.124	7.630	9.124	10.605	11.896
-85.0	0.006	0.010	0.049	0.058	0.185	0.313	0.384	0.440	0.485	0.509
-90.0	0.006	0.016	0.037	0.054	0.063	0.069	0.071	0.070	0.069	0.069

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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	0.068	0.068	0.067	0.066	0.065	0.064	0.063	0.062	0.062	0.061
85.0	0.512	0.517	0.523	0.519	0.511	0.499	0.513	0.484	0.454	0.425
75.0	12.908	13.704	14.197	14.505	14.749	14.907	15.070	15.201	15.298	15.459
65.0	28.917	30.048	31.219	32.033	32.746	33.509	34.166	34.677	35.107	35.452
55.0	62.217	69.959	79.686	88.131	94.634	100.672	107.125	113.555	119.319	124.094
47.5	201.305	239.977	273.871	292.533	304.764	320.595	349.478	412.836	465.400	492.898
42.5	366.949	514.292	627.452	826.559	1016.401	1190.299	1329.572	1483.754	1608.822	1701.372
37.5	1112.524	1599.505	2159.626	2493.473	2771.415	2982.130	3097.439	3235.122	3524.307	3612.462
33.0	2470.012	3005.974	3590.578	3956.098	4154.441	4299.030	4409.546	4478.259	4521.193	4563.643
29.0	3532.723	4150.071	4402.398	4538.187	4612.531	4682.992	4737.857	4788.895	4831.156	4867.101
25.5	4259.175	4510.968	4649.512	4750.786	4828.527	4907.388	4985.208	5059.777	5136.466	5194.532
22.5	4510.653	4662.919	4801.582	4933.477	5042.942	5170.189	5299.857	5437.135	5587.500	5837.356 *
19.5	4641.450	4796.884	4976.533	5174.182	5355.626	5615.328	*5938.280	*6217.452	*6431.186	*6723.534 *
17.0	4733.396	4917.743	5162.925	5434.192	5833.168	*6240.703	*6616.927	*7119.854	*7674.158	*8116.229 *
15.0	4803.356	5017.093	5332.770	5826.663	*6304.285	*6767.129	*7493.147	*8265.593	*9161.240	*9954.409 *
13.0	4873.087	5128.310	5537.763	6185.912	*6742.234	*7546.540	*8622.065	*9924.164	*11378.756	*13038.241 *
11.0	4936.903	5247.749	5869.105	*6562.811	*7393.520	*8567.251	*10207.176	*12346.596	*14953.511	*17846.959 *
9.0	4995.638	5359.394	6064.268	*6985.709	*8127.588	*9787.979	*12210.880	*15657.564	*19810.637	*24042.493 *
7.0	5049.923	5465.029	6349.242	*7447.732	*8927.533	*11079.037	*14584.756	*19562.868	*25304.228	*31287.389 *
5.0	5089.775	5563.693	6546.969	*7889.141	*9643.577	*12471.525	*17320.692	*23493.047	*30570.775	*37691.553 *
3.0	5115.737	5653.699	*6723.015	*8177.661	*10331.108	*13682.071	*19336.830	*26995.055	*34998.045	*43303.721 *
1.0	5127.800	5675.541	*6845.872	*8313.369	*10767.380	*14423.552	*20673.743	*31123.523	*36028.897	*46180.286 *
0.0	5124.862	5656.943	*6850.599	*8296.165	*10798.690	*14431.260	*20674.609	*28403.580	*35430.191	*45878.109 *
-1.0	5127.800	5675.541	*6845.872	*8313.369	*10767.380	*14423.552	*20673.743	*28028.101	*36028.897	*46180.286 *
-3.0	5115.737	5653.699	*6723.015	*8177.661	*10331.108	*13682.071	*19336.830	*26687.649	*34998.045	*43303.721 *
-5.0	5089.775	5563.693	6546.969	*7889.141	*9643.577	*12471.525	*17320.692	*23493.047	*30570.775	*37691.553 *
-7.0	5049.923	5465.029	6349.242	*7447.732	*8927.533	*11079.037	*14584.756	*19562.868	*25304.228	*31287.389 *
-9.0	4995.638	5359.394	6064.268	*6985.709	*8127.588	*9787.979	*12210.880	*15657.564	*19810.637	*24042.493 *
-11.0	4936.903	5247.749	5869.105	*6562.811	*7393.520	*8567.251	*10207.176	*12346.596	*14953.511	*17846.959 *
-13.0	4873.087	5128.310	5537.763	6185.912	*6742.234	*7546.540	*8622.065	*9924.164	*11378.756	*13038.241 *
-15.0	4803.356	5017.093	5332.770	5826.663	*6304.285	*6767.129	*7493.147	*8265.593	*9161.240	*9954.409 *
-17.0	4733.396	4917.743	5162.925	5434.192	5833.168	*6240.703	*6616.927	*7119.854	*7674.158	*8116.229 *
-19.5	4641.450	4796.884	4976.533	5174.182	5355.626	5615.328	*5938.280	*6217.452	*6431.186	*6723.534 *
-22.5	4510.653	4662.919	4801.582	4933.477	5042.942	5170.189	5299.857	5437.075	5587.500	5837.357 *
-25.5	4259.175	4510.968	4649.512	4750.786	4828.527	4907.388	4985.208	5059.777	5136.466	5194.532
-29.0	3532.723	4150.071	4402.398	4538.187	4612.531	4682.992	4737.857	4788.895	4831.156	4867.101
-33.0	2470.012	3005.974	3590.578	3956.098	4154.441	4299.030	4409.546	4478.259	4521.193	4563.643
-37.5	1112.524	1599.505	2159.626	2493.473	2771.415	2982.129	3097.439	3235.122	3524.307	3612.462
-42.5	366.949	514.292	627.452	826.559	1016.401	1190.299	1329.572	1483.754	1608.822	1701.372
-47.5	201.305	239.977	273.871	292.532	304.764	320.595	349.478	412.836	465.400	492.898
-55.0	62.217	69.959	79.686	88.131	94.634	100.672	107.125	113.555	119.319	124.094
-65.0	28.917	30.048	31.219	32.033	32.746	33.509	34.166	34.677	35.107	35.452
-75.0	12.908	13.704	14.197	14.505	14.749	14.907	15.070	15.201	15.298	15.459
-85.0	0.512	0.518	0.523	0.519	0.511	0.499	0.513	0.484	0.454	0.425
-90.0	0.068	0.068	0.067	0.066	0.065	0.064	0.063	0.062	0.062	0.061

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	0.060	0.059	0.059	0.059	0.060	0.061	0.062	0.062	0.063	0.064
85.0	0.395	0.366	0.351	0.366	0.395	0.425	0.454	0.484	0.513	0.499
75.0	15.432	15.405	15.392	15.405	15.432	15.459	15.298	15.201	15.070	14.907
65.0	35.813	35.896	35.937	35.896	35.813	35.452	35.107	34.677	34.166	33.509

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CANDELA TABULATION - (Cont.)

55.0	129.294	130.339	130.862	130.339	129.294	124.094	119.319	113.555	107.125	100.672
47.5	511.346	512.647	513.299	512.647	511.346	492.898	465.400	412.836	349.478	320.595
42.5	1798.006	1807.697	1812.549	1807.697	1798.006	1701.372	1608.822	1483.754	1329.572	1190.299
37.5	3682.645	3722.155	3724.505	3722.155	3682.645	3612.462	3524.307	3235.122	3097.439	2982.129
33.0	4597.269	4621.320	4626.193	4621.320	4597.269	4563.643	4521.193	4478.259	4409.546	4299.030
29.0	4898.448	4921.460	4926.756	4921.460	4898.448	4867.101	4831.156	4788.895	4737.857	4682.992
25.5	5240.166	5270.654	5276.111	5270.654	5240.166	5194.532	5136.466	5059.777	4985.208	4907.388
22.5	5945.183	*6044.141	*6063.950	*6044.141	*5945.183	*5837.356	*5587.500	5437.075	5299.857	5170.189
19.5	6939.711	*7070.373	*7085.343	*7070.373	*6939.711	*6723.534	*6431.186	*6217.452	*5938.280	*5615.328 *
17.0	8492.013	*8720.158	*8730.631	*8720.158	*8492.013	*8116.228	*7674.158	*7119.854	*6616.927	*6240.703 *
15.0	10664.687	*1110.163	*11136.430	*1110.163	*10664.687	*9954.409	*9161.240	*8265.593	*7493.147	*6767.129 *
13.0	14271.416	*5026.041	*5021.630	*5026.041	*14271.416	*13038.241	*11378.756	*9924.164	*8622.065	*7546.540 *
11.0	20174.300	*21594.095	*21633.359	*21594.095	*20174.301	*17846.959	*14953.511	*12346.596	*10207.176	*8567.251 *
9.0	27811.232	*32402.531	*29569.000	*29303.019	*27503.299	*24042.493	*19810.637	*15657.564	*12210.880	*9787.979 *
7.0	34458.031	*36921.165	*36574.320	*36921.166	*34458.031	*31287.389	*25304.228	*19562.868	*14584.756	*1079.037 *
5.0	43466.930	*46744.065	*46814.922	*46744.065	*43466.931	*37691.553	*30570.775	*23493.047	*17320.692	*12471.525 *
3.0	49149.561	*52124.025	*52748.102	*52124.025	*49149.250	*43303.721	*34998.045	*26687.649	*19336.830	*13682.071 *
1.0	52127.077	*5293.861	*53369.891	*5293.866	*52127.077	*46180.285	*36028.897	*28028.102	*20673.743	*14423.552 *
0.0	52388.109	*5329.340	*56000.930	*5329.340	*52388.109	*45878.109	*35430.191	*28403.580	*20674.609	*14431.260 *
-1.0	52127.077	*5293.866	*53369.891	*5293.861	*52127.077	*46180.285	*36028.897	*26349.776	*20673.743	*14423.552 *
-3.0	49149.250	*52124.025	*52748.102	*52124.025	*49149.561	*43303.721	*34998.045	*26520.975	*19336.830	*13682.071 *
-5.0	43466.930	*46744.065	*46814.922	*46744.065	*43466.930	*37691.553	*30570.775	*23493.047	*17320.692	*12471.525 *
-7.0	34458.031	*36921.165	*36574.320	*36921.166	*34458.031	*31287.389	*25304.228	*19562.868	*14584.756	*1079.037 *
-9.0	27503.299	*29303.019	*29569.000	*27218.825	*27296.236	*24042.493	*19810.637	*15657.564	*12210.880	*9787.979 *
-11.0	20174.301	*21594.095	*21633.359	*21594.095	*20174.300	*17846.959	*14953.511	*12346.596	*10207.176	*8567.251 *
-13.0	14271.416	*5026.041	*5021.630	*5026.041	*14271.416	*13038.241	*11378.756	*9924.164	*8622.065	*7546.540 *
-15.0	10664.687	*1110.163	*11136.430	*1110.163	*10664.687	*9954.409	*9161.240	*8265.593	*7493.147	*6767.129 *
-17.0	8492.013	*8720.158	*8730.631	*8720.158	*8492.013	*8116.229	*7674.158	*7119.854	*6616.927	*6240.703 *
-19.5	6939.711	*7070.373	*7085.343	*7070.373	*6939.711	*6723.534	*6431.186	*6217.452	*5938.280	*5615.328 *
-22.5	5945.183	*6044.141	*6063.950	*6044.141	*5945.183	*5837.356	*5587.500	5437.135	5299.857	5170.189
-25.5	5240.166	5270.654	5276.111	5270.654	5240.166	5194.532	5136.466	5059.777	4985.208	4907.388
-29.0	4898.448	4921.460	4926.756	4921.460	4898.448	4867.101	4831.156	4788.895	4737.857	4682.992
-33.0	4597.269	4621.320	4626.193	4621.320	4597.269	4563.643	4521.193	4478.259	4409.546	4299.030
-37.5	3682.645	3722.155	3724.505	3722.155	3682.645	3612.462	3524.307	3235.122	3097.439	2982.129
-42.5	1798.006	1807.697	1812.549	1807.697	1798.006	1701.372	1608.822	1483.754	1329.572	1190.299
-47.5	511.346	512.647	513.299	512.647	511.346	492.898	465.400	412.836	349.478	320.595
-55.0	129.294	130.339	130.862	130.339	129.294	124.094	119.319	113.555	107.125	100.672
-65.0	35.813	35.896	35.937	35.896	35.813	35.452	35.107	34.677	34.166	33.509
-75.0	15.432	15.405	15.392	15.405	15.432	15.459	15.298	15.201	15.070	14.907
-85.0	0.395	0.366	0.351	0.366	0.395	0.425	0.454	0.484	0.513	0.499
-90.0	0.060	0.059	0.059	0.059	0.060	0.061	0.062	0.062	0.063	0.064

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	0.065	0.066	0.067	0.068	0.068	0.069	0.069	0.070	0.071	0.069
85.0	0.511	0.519	0.523	0.518	0.512	0.509	0.485	0.440	0.384	0.313
75.0	14.749	14.505	14.197	13.704	12.908	11.896	10.605	9.124	7.630	6.124
65.0	32.746	32.033	31.219	30.048	28.917	26.994	24.870	22.350	19.109	15.707
55.0	94.634	88.131	79.686	69.959	62.217	55.818	47.219	40.217	33.437	27.936
47.5	304.764	292.532	273.871	239.977	201.305	148.736	103.262	70.296	52.577	39.509
42.5	1016.401	826.559	627.452	514.292	366.949	289.150	219.852	130.068	75.290	51.980
37.5	2771.415	2493.473	2159.626	1599.505	1112.524	613.145	372.172	247.791	128.686	68.791
33.0	4154.441	3956.098	3590.578	3005.974	2470.012	1610.603	793.613	358.898	214.624	97.991
29.0	4612.531	4538.187	4402.398	4150.071	3532.723	2785.718	1597.052	598.534	276.511	140.008
25.5	4828.527	4750.786	4649.512	4510.968	4259.175	3562.729	2460.468	1083.163	342.217	189.112

IES FLOOD REPORT
PHOTOMETRIC FILENAME : FDX-L13-740-W-UNV-X-XX-X.IES

CANDELA TABULATION - (Cont.)

22.5	5042.942	4933.477	4801.582	4662.919	4510.653	4155.003	3011.257	1561.403	443.277	225.783
19.5	5355.626	5174.182	4976.533	4796.884	4641.450	4409.886	3648.348	2142.332	596.779	257.034
17.0	5833.168	*5434.192	5162.925	4917.743	4733.396	4532.054	3998.739	2508.822	785.031	278.424
15.0	6304.285	*5826.663	*5332.770	5017.093	4803.356	4598.441	4172.801	2767.308	987.224	292.099
13.0	6742.234	*6185.912	*5537.763	5128.310	4873.087	4653.333	4297.684	2968.708	1160.285	305.523
11.0	7393.520	*6562.811	*5869.105	*5247.749	4936.903	4694.566	4404.539	3148.286	1275.546	321.780
9.0	8127.588	*6985.709	*6064.268	*5359.394	4995.638	4728.020	4453.992	3307.698	1402.457	346.368
7.0	8927.533	*7447.732	*6349.242	*5465.029	5049.923	4756.994	4479.961	3591.069	1512.172	382.780
5.0	9643.577	*7889.141	*6546.969	*5563.693	5089.775	4778.338	4501.538	3659.199	1607.453	430.864
3.0	10331.1088	*177.661	*6723.015	*5653.699	*5115.737	4790.037	4512.979	3715.549	1709.749	486.227
1.0	10767.3808	*313.370	*6845.872	*5675.541	*5127.800	4794.159	4517.022	3747.157	1711.605	492.116
0.0	10798.6908	*296.165	*6850.599	*5656.943	*5124.862	4791.479	4514.494	3747.257	1712.535	495.066
-1.0	10767.3808	*313.370	*6845.872	*5675.541	*5127.800	4794.159	4517.022	3747.157	1711.605	492.116
-3.0	10331.1088	*177.661	*6723.015	*5653.699	*5115.737	4790.037	4512.979	3715.549	1709.749	486.227
-5.0	9643.577	*7889.141	*6546.969	*5563.693	5089.775	4778.338	4501.538	3659.199	1607.453	430.864
-7.0	8927.533	*7447.732	*6349.242	*5465.029	5049.923	4756.994	4479.961	3591.069	1512.172	382.780
-9.0	8127.588	*6985.709	*6064.268	*5359.394	4995.638	4728.020	4453.992	3307.698	1402.457	346.368
-11.0	7393.520	*6562.811	*5869.105	*5247.749	4936.903	4694.566	4404.539	3148.286	1275.546	321.780
-13.0	6742.234	*6185.912	*5537.763	5128.310	4873.087	4653.333	4297.684	2968.708	1160.285	305.523
-15.0	6304.285	*5826.663	*5332.770	5017.093	4803.356	4598.441	4172.801	2767.308	987.224	292.099
-17.0	5833.168	*5434.192	5162.925	4917.743	4733.396	4532.054	3998.739	2508.822	785.031	278.424
-19.5	5355.626	5174.182	4976.533	4796.884	4641.450	4409.886	3648.348	2142.332	596.779	257.034
-22.5	5042.942	4933.477	4801.582	4662.919	4510.653	4155.003	3011.257	1561.403	443.277	225.783
-25.5	4828.527	4750.786	4649.512	4510.968	4259.175	3562.729	2460.468	1083.163	342.217	189.112
-29.0	4612.531	4538.187	4402.398	4150.071	3532.723	2785.718	1597.052	598.534	276.511	140.008
-33.0	4154.441	3956.098	3590.578	3005.974	2470.012	1610.603	793.613	358.898	214.624	97.991
-37.5	2771.415	2493.473	2159.626	1599.505	1112.524	613.145	372.172	247.791	128.686	68.791
-42.5	1016.401	826.559	627.452	514.292	366.949	289.150	219.852	130.068	75.290	51.980
-47.5	304.764	292.533	273.871	239.977	201.305	148.736	103.262	70.296	52.577	39.509
-55.0	94.634	88.131	79.686	69.959	62.217	55.818	47.219	40.217	33.437	27.936
-65.0	32.746	32.033	31.219	30.048	28.917	26.994	24.870	22.350	19.109	15.707
-75.0	14.749	14.505	14.197	13.704	12.908	11.896	10.605	9.124	7.630	6.124
-85.0	0.511	0.519	0.523	0.517	0.512	0.509	0.485	0.440	0.384	0.313
-90.0	0.065	0.066	0.067	0.068	0.068	0.069	0.069	0.070	0.071	0.069

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	0.063	0.054	0.037	0.016	0.006
85.0	0.185	0.058	0.049	0.010	0.006
75.0	4.085	1.681	0.256	0.026	0.006
65.0	11.067	5.851	1.434	0.022	0.006
55.0	19.681	10.442	3.604	0.034	0.006
47.5	26.796	14.288	5.366	0.048	0.006
42.5	31.989	16.827	6.472	0.064	0.006
37.5	38.335	19.294	7.500	0.086	0.006
33.0	44.416	21.417	8.244	0.087	0.006
29.0	52.387	23.266	8.915	0.087	0.006
25.5	57.300	24.944	9.347	0.097	0.006
22.5	63.816	25.999	9.743	0.191	0.006
19.5	69.827	27.217	10.091	0.275	0.006
17.0	75.659	27.849	10.351	0.336	0.006
15.0	80.699	28.372	10.559	0.379	0.006
13.0	86.105	28.921	10.725	0.417	0.006
11.0	90.009	29.389	10.898	0.538	0.006
9.0	93.500	29.758	11.040	0.536	0.006

IES FLOOD REPORT
PHOTOMETRIC FILENAME : FDX-L13-740-W-UNV-X-XX-X.IES

CANDELA TABULATION - (Cont.)

7.0	97.505	30.040	11.151	0.534	0.006
5.0	100.523	30.234	11.330	0.532	0.006
3.0	103.760	30.435	11.313	0.530	0.006
1.0	103.574	30.380	11.296	0.527	0.006
0.0	103.481	30.352	11.287	0.527	0.006
-1.0	103.574	30.380	11.296	0.528	0.006
-3.0	103.760	30.435	11.313	0.530	0.006
-5.0	100.523	30.234	11.330	0.532	0.006
-7.0	97.505	30.040	11.151	0.534	0.006
-9.0	93.500	29.758	11.040	0.536	0.006
-11.0	90.009	29.389	10.898	0.538	0.006
-13.0	86.105	28.921	10.725	0.417	0.006
-15.0	80.699	28.372	10.559	0.379	0.006
-17.0	75.659	27.849	10.351	0.336	0.006
-19.5	69.827	27.217	10.091	0.275	0.006
-22.5	63.816	25.999	9.743	0.191	0.006
-25.5	57.300	24.944	9.347	0.097	0.006
-29.0	52.387	23.266	8.915	0.087	0.006
-33.0	44.416	21.417	8.244	0.087	0.006
-37.5	38.335	19.294	7.500	0.086	0.006
-42.5	31.989	16.827	6.472	0.064	0.006
-47.5	26.796	14.288	5.366	0.048	0.006
-55.0	19.681	10.442	3.604	0.034	0.006
-65.0	11.067	5.851	1.434	0.022	0.006
-75.0	4.085	1.681	0.256	0.026	0.006
-85.0	0.185	0.058	0.049	0.010	0.006
-90.0	0.063	0.054	0.037	0.016	0.006

IES FLOOD REPORT
PHOTOMETRIC FILENAME : FDX-L13-740-W-UNV-X-XX-X.IES

LUMEN TABULATION

Average Of Right And Left Sides
 Total Luminaire Lumens (one side of beam only) = 6541.35
 Total Field Lumens (one side of beam only) = 3931.55
 * 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.02	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.05
75	0.08	0.16	0.16	0.15	0.15	0.15	0.15	0.14	0.14	0.17
65	0.25	0.50	0.49	0.48	0.46	0.43	0.41	0.39	0.36	0.42
55	0.74	1.47	1.43	1.37	1.26	1.11	0.98	0.91	0.86	1.00
47.5	1.77	3.52	3.42	3.23	2.99	2.68	2.38	2.09	1.79	1.83
42.5	4.21	8.38	8.20	7.91	7.43	6.86	6.41	5.88	5.20	5.52
37.5	5.72	11.39	11.25	11.06	10.70	10.27	9.91	9.45	8.81	9.93
33	5.82	11.59	11.50	11.38	11.23	11.05	10.80	10.49	10.11	11.92
29	5.44	10.83	10.74	10.62	10.46	10.27	10.07	9.84	9.60	11.61
25.5	5.18 *	10.27 *	10.13	9.89	9.60	9.35	9.10	8.84	8.59	10.38
22.5	6.00 *	11.87 *	11.60 *	11.17 *	10.71 *	10.30 *	9.84	9.39	9.01	10.79
19.5	6.02 *	11.88 *	11.50 *	10.96 *	10.35 *	9.71 *	9.09 *	8.51 *	7.98	9.38
17	6.05 *	11.87 *	11.31 *	10.57 *	9.72 *	8.85 *	8.08 *	7.43 *	6.85 *	7.87
15	7.96 *	15.55 *	14.56 *	13.19 *	11.68 *	10.29 *	9.07 *	8.09 *	7.34 *	8.27 *
13	11.16 *	21.63 *	19.85 *	17.33 *	14.66 *	12.33 *	10.41 *	8.94 *	7.87 *	8.73 *
11	15.79 *	30.53 *	27.26 *	23.22 *	18.93 *	15.13 *	12.15 *	10.01 *	8.51 *	9.21 *
9	20.40 *	39.54 *	35.69 *	30.43 *	24.23 *	18.60 *	14.20 *	11.21 *	9.22 *	9.71 *
7	25.44 *	49.19 *	44.64 *	37.82 *	29.84 *	22.49 *	16.52 *	12.45 *	9.93 *	10.21 *
5	30.22 *	58.29 *	52.75 *	44.40 *	34.96 *	26.10 *	18.71 *	13.63 *	10.55 *	10.61 *
3	32.83 *	63.53 *	57.96 *	48.62 *	38.44 *	28.93 *	20.29 *	14.54 *	11.01 *	10.87 *
1	16.90 *	32.75 *	29.87 *	24.77 *	19.52 *	14.90 *	10.46 *	7.45 *	5.59 *	5.48 *
0	16.90 *	32.75 *	29.87 *	24.77 *	19.16 *	14.54 *	10.46 *	7.45 *	5.59 *	5.48 *
-1	32.83 *	63.53 *	57.96 *	48.62 *	37.65 *	28.14 *	20.29 *	14.54 *	11.01 *	10.87 *
-3	30.22 *	58.29 *	52.75 *	44.40 *	34.89 *	26.02 *	18.71 *	13.63 *	10.55 *	10.61 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : FDX-L13-740-W-UNV-X-XX-X.IES

LUMENS TABULATION - (Cont.)

-5	25.44 *	49.19 *	44.64 *	37.82 *	29.84 *	22.49 *	16.52 *	12.45 *	9.93 *	10.21 *
-7	20.00 *	38.67 *	35.61 *	30.43 *	24.23 *	18.60 *	14.20 *	11.21 *	9.22 *	9.71 *
-9	15.39 *	29.66 *	27.18 *	23.22 *	18.93 *	15.13 *	12.15 *	10.01 *	8.51 *	9.21 *
-11	11.16 *	21.63 *	19.85 *	17.33 *	14.66 *	12.33 *	10.41 *	8.94 *	7.87 *	8.73 *
-13	7.96 *	15.55 *	14.56 *	13.19 *	11.68 *	10.29 *	9.07 *	8.09 *	7.34 *	8.27 *
-15	6.05 *	11.87 *	11.31 *	10.57 *	9.72 *	8.85 *	8.08 *	7.43 *	6.85 *	7.87
-17	6.02 *	11.88 *	11.50 *	10.96 *	10.35 *	9.71 *	9.09 *	8.51 *	7.98	9.38
-19.5	6.00 *	11.87 *	11.60 *	11.17 *	10.71 *	10.30 *	9.84	9.39	9.01	10.79
-22.5	5.18 *	10.27 *	10.13	9.89	9.60	9.35	9.10	8.84	8.59	10.38
-25.5	5.44	10.83	10.74	10.62	10.46	10.27	10.07	9.84	9.60	11.61
-29	5.82	11.59	11.50	11.38	11.23	11.05	10.80	10.49	10.11	11.92
-33	5.72	11.39	11.25	11.06	10.70	10.27	9.91	9.45	8.81	9.93
-37.5	4.21	8.38	8.20	7.91	7.43	6.86	6.41	5.88	5.20	5.52
-42.5	1.77	3.52	3.42	3.23	2.99	2.68	2.38	2.09	1.79	1.83
-47.5	0.74	1.47	1.43	1.37	1.26	1.11	0.98	0.91	0.86	1.00
-55	0.25	0.50	0.49	0.48	0.46	0.43	0.41	0.39	0.36	0.42
-65	0.08	0.16	0.16	0.15	0.15	0.15	0.15	0.14	0.14	0.17
-75	0.02	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.05
-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	415.18	807.84	748.58	657.23	553.53	458.45	378.17	319.49	278.70	307.88

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	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.04	0.04	0.02
75	0.19	0.18	0.19	0.19	0.19	0.17	0.13	0.13	0.09	0.02
65	0.45	0.40	0.41	0.40	0.38	0.34	0.26	0.27	0.18	0.06
55	1.06	0.90	0.83	0.70	0.55	0.43	0.31	0.31	0.20	0.07
47.5	1.77	1.38	1.19	0.99	0.73	0.48	0.30	0.27	0.17	0.06

IES FLOOD REPORT
PHOTOMETRIC FILENAME : FDX-L13-740-W-UNV-X-XX-X.IES

LUMENS TABULATION - (Cont.)

42.5										
	5.23	3.75	2.82	1.95	1.36	0.85	0.44	0.34	0.20	0.07
37.5										
	9.94	7.69	6.19	3.98	2.23	1.25	0.62	0.40	0.21	0.07
33										
	12.92	10.98	9.86	7.09	3.75	1.69	0.79	0.48	0.22	0.06
29										
	13.22	12.02	11.73	9.51	5.62	2.35	0.89	0.55	0.21	0.06
25.5										
	11.92	11.23	11.72	10.33	6.81	3.00	0.97	0.57	0.20	0.05
22.5										
	12.31	11.65	12.59	11.92	8.70	4.15	1.23	0.66	0.21	0.06
19.5										
	10.59	9.96	10.85	10.83	8.60	4.40	1.29	0.61	0.19	0.05
17										
	8.71	8.13	8.85	9.03	7.52	4.11	1.26	0.52	0.16	0.04
15										
	8.96	8.27	8.97	9.25	7.95	4.60	1.48	0.55	0.17	0.04
13										
	9.29	8.43	9.08	9.42	8.29	4.99	1.65	0.57	0.18	0.04
11										
	9.61 *	8.57	9.17	9.54	8.57	5.33	1.80	0.61	0.18	0.04
9										
	9.91 *	8.71	9.25	9.62	8.86	5.72	1.96	0.66	0.19	0.04
7										
	10.20 *	8.84	9.32	9.67	9.08	6.05	2.12	0.72	0.20	0.04
5										
	10.44 *	8.94	9.37	9.70	9.17	6.24	2.28	0.80	0.20	0.04
3										
	10.62 *	9.00	9.40	9.72	9.23	6.35	2.37	0.85	0.20	0.04
1										
	5.34 *	4.50	4.70	4.86	4.62	3.18	1.19	0.43	0.10	0.02
0										
	5.34 *	4.50	4.70	4.86	4.62	3.18	1.19	0.43	0.10	0.02
-1										
	10.62 *	9.00	9.40	9.72	9.23	6.35	2.37	0.85	0.20	0.04
-3										
	10.44 *	8.94	9.37	9.70	9.17	6.24	2.28	0.80	0.20	0.04
-5										
	10.20 *	8.84	9.32	9.67	9.08	6.05	2.12	0.72	0.20	0.04
-7										
	9.91 *	8.71	9.25	9.62	8.86	5.72	1.96	0.66	0.19	0.04
-9										
	9.61 *	8.57	9.17	9.54	8.57	5.33	1.80	0.61	0.18	0.04
-11										
	9.29	8.43	9.08	9.42	8.29	4.99	1.65	0.57	0.18	0.04
-13										
	8.96	8.27	8.97	9.25	7.95	4.60	1.48	0.55	0.17	0.04
-15										
	8.71	8.13	8.85	9.03	7.52	4.11	1.26	0.52	0.16	0.04
-17										
	10.59	9.96	10.85	10.83	8.60	4.40	1.29	0.61	0.19	0.05
-19.5										
	12.31	11.65	12.59	11.92	8.70	4.15	1.23	0.66	0.21	0.06
-22.5										
	11.92	11.23	11.72	10.33	6.81	3.00	0.97	0.57	0.20	0.05

IES FLOOD REPORT
PHOTOMETRIC FILENAME : FDX-L13-740-W-UNV-X-XX-X.IES

LUMENS TABULATION - (Cont.)

-25.5	13.22	12.02	11.73	9.51	5.62	2.35	0.89	0.55	0.21	0.06
-29	12.92	10.98	9.86	7.09	3.75	1.69	0.79	0.48	0.22	0.06
-33	9.94	7.69	6.19	3.98	2.23	1.25	0.62	0.40	0.21	0.07
-37.5	5.23	3.75	2.82	1.95	1.36	0.85	0.44	0.34	0.20	0.07
-42.5	1.77	1.38	1.19	0.99	0.73	0.48	0.30	0.27	0.17	0.06
-47.5	1.06	0.90	0.83	0.70	0.55	0.43	0.31	0.31	0.20	0.07
-55	0.45	0.40	0.41	0.40	0.38	0.34	0.26	0.27	0.18	0.06
-65	0.19	0.18	0.19	0.19	0.19	0.17	0.13	0.13	0.09	0.02
-75	0.06	0.06	0.06	0.06	0.06	0.05	0.04	0.04	0.02	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	325.50	287.19	293.10	277.56	224.55	131.41	46.72	20.65	7.38	1.96

Vert. Angles	Horizontal Angles			Total
	75	85	90	
90	0.00	0.00	0.02	
85	0.00	0.00	0.91	
75	0.00	0.00	2.92	
65	0.01	0.00	7.34	
55	0.01	0.00	16.46	
47.5	0.01	0.00	33.04	
42.5	0.01	0.00	83.01	
37.5	0.01	0.00	131.06	
33	0.01	0.00	153.73	
29	0.01	0.00	155.64	
25.5	0.01	0.00	148.14	
22.5	0.01	0.00	164.17	
19.5	0.01	0.00	152.74	
17	0.01	0.00	136.94	
15	0.01	0.00	156.25	

IES FLOOD REPORT
PHOTOMETRIC FILENAME : FDX-L13-740-W-UNV-X-XX-X.IES

LUMENS TABULATION - (Cont.)

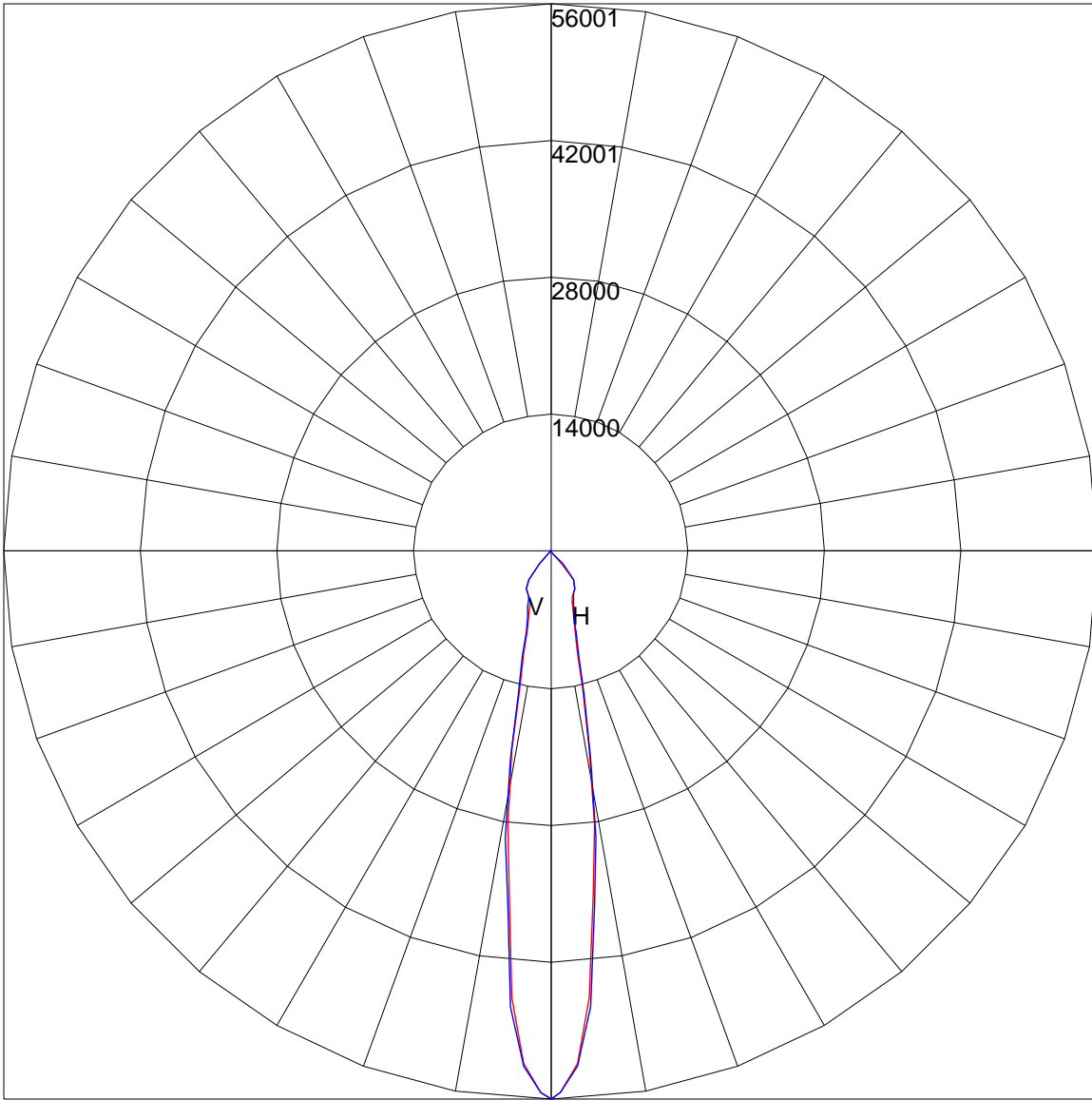
13			
	0.01	0.00	184.87
11			
	0.01	0.00	224.18
9			
	0.01	0.00	268.16
7			
	0.01	0.00	314.78
5			
	0.01	0.00	357.43
3			
	0.01	0.00	384.81
1			
	0.00	0.00	196.63
0			
	0.00	0.00	195.91
-1			
	0.01	0.00	383.23
-3			
	0.01	0.00	357.28
-5			
	0.01	0.00	314.78
-7			
	0.01	0.00	266.82
-9			
	0.01	0.00	222.84
-11			
	0.01	0.00	184.87
-13			
	0.01	0.00	156.25
-15			
	0.01	0.00	136.94
-17			
	0.01	0.00	152.74
-19.5			
	0.01	0.00	164.17
-22.5			
	0.01	0.00	148.14
-25.5			
	0.01	0.00	155.64
-29			
	0.01	0.00	153.73
-33			
	0.01	0.00	131.06
-37.5			
	0.01	0.00	83.01
-42.5			
	0.01	0.00	33.04
-47.5			
	0.01	0.00	16.46
-55			
	0.01	0.00	7.34
-65			
	0.00	0.00	2.92
-75			
	0.00	0.00	0.91

IES FLOOD REPORT
PHOTOMETRIC FILENAME : FDX-L13-740-W-UNV-X-XX-X.IES

LUMENS TABULATION - (Cont.)

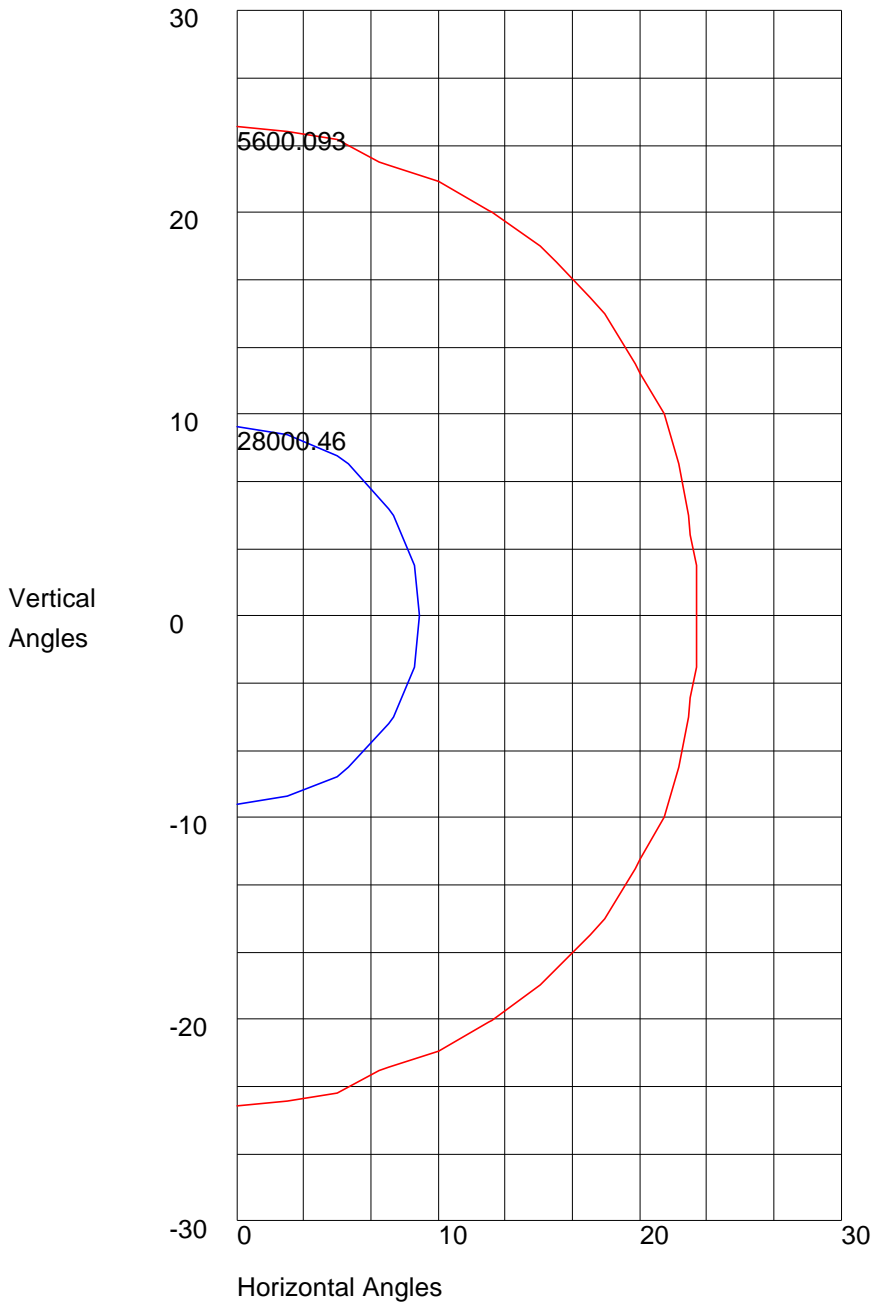
-85	0.00	0.00	0.02
-90			
Total	0.27	0.00	6541.35

AXIAL CANDELA DISPLAY



Maximum Candela = 56000.93 Located At Horizontal Angle = 0, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 56000.93 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 28000.465
10% Maximum Candela = 5600.093