

EYELITE®

from EYE Lighting

IES FLOOD REPORT

PHOTOMETRIC FILENAME : VRK-LM-740-N4-UNS-XX.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-79-08
[TEST] QC-1485-1
[TESTLAB]
[TESTDATE] 2015-11-18
[ISSUE DATE] 2015-11-18
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-R3000(2M3D) SYSTEM
[MANUFAC] EYELITE
[LUMCAT] VRK-LM-740-N4-UNS-XX
[LUMINAIRE] MINI BULLET
[LAMP] CREE XTE R3 4700K
[BALLAST] FLL22605-12-C0330
[LUMEN PER WATT] 83.88lm/W
[TEMPERATURE] 25.0jæ TEST 13:30~~~17:00

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

CHARACTERISTICS

NEMA Type	4 H x 4 V
Maximum Candela	1308.091
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	23.3
Vertical Beam Angle (50%)	27.6
Horizontal Field Angle (10%)	55.8
Vertical Field Angle (10%)	60.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	140
Beam Efficiency	N.A.
Field Lumens	328
Field Efficiency	N.A.
Spill Lumens	83
Luminaire Lumens	411
Total Efficiency	N.A.
Total Luminaire Watts	4.9
Ballast Factor	0.91



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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	4.39	55	1.75
47.5	18.35	47.5	21.665
42.5	33.695	42.5	38.98
37.5	54.195	37.5	71.065
33	82.02	33	111.8
29	117.572	29	156.334
25.5	158.949	25.5	209.828
22.5	218.73	22.5	286.53
19.5	291.908	19.5	378.985
17	388.448	17	495.96
15	465.68	15	589.54
13	578.12	13	718.168
11	690.56	11	846.796
9	811.25	9	968.256
7	940.19	7	1082.548
5	1069.13	5	1196.84
3	1164.714	3	1241.34
1	1260.299	1	1285.841
0	1308.091	0	1308.091
-1	1260.299	-1	1277.311
-3	1164.714	-3	1215.75
-5	1069.13	-5	1154.19
-7	940.19	-7	1038.394
-9	811.25	-9	922.598
-11	690.56	-11	806.786
-13	578.12	-13	690.958
-15	465.68	-15	575.13
-17	388.448	-17	483.97
-19.5	291.908	-19.5	370.02
-22.5	218.73	-22.5	275.125
-25.5	158.949	-25.5	194.904
-29	117.572	-29	138.092
-33	82.02	-33	93.57
-37.5	54.195	-37.5	61.125
-42.5	33.695	-42.5	39.805
-47.5	18.35	-47.5	26.72
-55	4.39	-55	12.41
-65	0	-65	3.05
-75	0	-75	0
-85	0	-85	0
-90	0	-90	0

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CANDELA TABULATION

Maximum Candela = 1308.091
 Beam Edge = 654.0455 Cd (50% of Max.)
 Field Edge = 130.8091 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	0.000	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	0.000	0.079
47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.212	2.309	4.641
42.5	0.000	0.000	0.000	0.000	0.000	0.000	1.600	3.667	6.742	9.160
37.5	0.000	0.000	0.000	0.000	0.000	1.571	3.868	8.338	14.262	20.192
33.0	0.000	0.000	0.000	0.000	0.000	3.166	6.408	13.655	22.482	34.126
29.0	0.000	0.000	0.000	0.000	0.090	4.982	8.798	18.855	34.106	49.683
25.5	0.000	0.000	0.000	0.000	0.964	6.602	14.140	25.305	43.622	62.863
22.5	0.000	0.000	0.000	0.000	1.630	7.988	19.184	33.909	51.155	71.858
19.5	0.000	0.000	0.000	0.000	2.216	9.652	24.581	41.428	60.028	80.164
17.0	0.000	0.000	0.000	0.000	2.641	11.659	27.458	46.842	66.948	90.182
15.0	0.000	0.000	0.000	0.000	2.939	13.738	29.526	49.582	71.921	98.668
13.0	0.000	0.000	0.000	0.000	3.242	15.511	31.284	51.863	75.734	106.697
11.0	0.000	0.000	0.000	0.000	3.521	16.979	32.644	53.659	78.954	112.760
9.0	0.000	0.000	0.000	0.000	3.764	17.667	33.609	54.962	81.616	114.596
7.0	0.000	0.000	0.000	0.000	3.971	18.161	34.154	55.743	83.130	116.155
5.0	0.000	0.000	0.000	0.000	4.139	18.454	34.388	55.946	83.789	117.691
3.0	0.000	0.000	0.000	0.000	4.314	18.552	34.322	55.615	83.696	118.878
1.0	0.000	0.000	0.000	0.000	4.365	18.463	33.972	54.785	82.788	118.401
0.0	0.000	0.000	0.000	0.000	4.390	18.350	33.695	54.195	82.020	117.572
-1.0	0.000	0.000	0.000	0.000	4.516	18.696	34.014	54.599	82.641	118.601
-3.0	0.000	0.000	0.000	0.000	4.768	19.258	34.460	55.068	83.230	119.447
-5.0	0.000	0.000	0.000	0.000	4.883	19.651	34.656	55.067	82.928	118.536
-7.0	0.000	0.000	0.000	0.000	4.995	19.879	34.611	54.577	80.994	112.185
-9.0	0.000	0.000	0.000	0.000	5.052	19.946	34.333	52.411	75.618	104.205
-11.0	0.000	0.000	0.000	0.000	5.052	19.859	32.806	49.171	69.654	96.799
-13.0	0.000	0.000	0.000	0.000	4.991	18.614	30.939	45.687	63.789	92.049
-15.0	0.000	0.000	0.000	0.000	4.857	17.177	28.934	42.004	60.975	87.794
-17.0	0.000	0.000	0.000	0.000	4.620	15.603	26.879	39.891	58.722	82.482
-19.5	0.000	0.000	0.000	0.000	4.217	13.946	24.353	38.107	55.275	73.143
-22.5	0.000	0.000	0.000	0.000	3.572	12.366	22.193	34.990	49.806	61.797
-25.5	0.000	0.000	0.000	0.000	2.745	11.335	19.955	30.817	42.305	52.505
-29.0	0.000	0.000	0.000	0.000	1.548	9.859	17.301	25.861	34.542	43.013
-33.0	0.000	0.000	0.000	0.000	1.146	7.610	14.467	21.550	26.307	34.931
-37.5	0.000	0.000	0.000	0.000	0.711	5.209	10.170	16.889	21.850	26.781
-42.5	0.000	0.000	0.000	0.000	0.006	2.378	6.288	10.647	15.240	18.505
-47.5	0.000	0.000	0.000	0.000	0.000	1.119	2.846	6.263	9.013	11.649
-55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.011	1.610	3.122	3.902
-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	1.002	1.400	1.442	1.251	1.636	2.232	2.875	3.550	3.577	3.121
47.5	7.307	9.464	10.857	12.402	13.866	16.305	18.607	20.763	22.404	22.444
42.5	15.070	19.918	23.615	25.814	27.814	30.326	33.718	36.947	39.974	40.331
37.5	27.212	35.147	42.829	46.131	48.017	51.415	57.054	63.272	69.045	71.897
33.0	42.512	52.573	65.776	76.019	80.782	84.864	89.429	98.358	106.651	112.712
29.0	61.942	72.478	88.250	103.533	113.892	119.859	124.782	132.227 *	143.779 *	155.599 *
25.5	79.140	93.939	109.138	126.412	143.605 *	158.446 *	167.665 *	174.831 *	191.298 *	207.492 *
22.5	94.641	113.175	131.606 *	152.732 *	173.903 *	195.240 *	209.109 *	225.918 *	246.512 *	274.498 *
19.5	106.754	132.913 *	162.517 *	182.405 *	205.639 *	243.469 *	282.428 *	300.989 *	312.995 *	348.752 *
17.0	114.974	149.625 *	187.177 *	222.838 *	251.436 *	283.054 *	327.539 *	381.741 *	409.562 *	449.939 *
15.0	125.782	160.393 *	205.466 *	261.362 *	292.281 *	322.035 *	384.330 *	459.528 *	499.234 *	526.191 *
13.0	139.479 *	171.875 *	225.634 *	284.014 *	338.737 *	393.597 *	438.867 *	516.110 *	595.521 *	625.756 *
11.0	152.147 *	187.243 *	246.018 *	298.394 *	376.748 *	462.010 *	515.660 *	572.376 *	689.463 *	751.293 *
9.0	160.043 *	209.682 *	273.721 *	335.892 *	401.863 *	489.218 *	596.563 *	678.317 *	754.254 *	877.077 *
7.0	162.319 *	219.484 *	295.569 *	382.403 *	452.897 *	522.495 *	629.222 *	759.715 *	850.435 *	941.276 *
5.0	162.353 *	221.913 *	294.268 *	398.525 *	486.902 *	593.718 *	693.505 *	782.541 *	916.780 *	1022.696 *
3.0	162.342 *	222.369 *	294.182 *	393.254 *	476.169 *	593.870 *	721.155 *	855.662 *	969.805 *	1064.798 *
1.0	160.544 *	220.887 *	294.629 *	392.342 *	472.067 *	585.062 *	700.792 *	824.158 *	955.555 *	1098.276 *
0.0	158.949 *	218.730 *	291.908 *	388.448 *	465.680 *	578.120 *	690.560 *	811.250 *	940.190 *	1069.130 *
-1.0	161.096 *	222.310 *	297.357 *	396.670 *	478.086 *	592.646 *	710.518 *	835.766 *	968.383 *	1099.154 *
-3.0	163.952 *	226.469 *	302.076 *	405.805 *	483.655 *	586.151 *	688.002 *	784.086 *	908.948 *	1051.227 *
-5.0	163.861 *	220.204 *	283.735 *	372.694 *	441.378 *	529.137 *	648.742 *	773.751 *	860.431 *	960.915 *
-7.0	153.481 *	201.858 *	260.532 *	342.548 *	424.533 *	515.317 *	615.802 *	686.926 *	787.974 *	880.334 *
-9.0	141.948 *	183.495 *	251.439 *	325.904 *	406.529 *	464.226 *	525.486 *	627.876 *	724.709 *	763.863 *
-11.0	133.548 *	172.825 *	241.034 *	291.579 *	347.748 *	398.946 *	476.474 *	570.555 *	614.823 *	688.953 *
-13.0	127.098	165.810 *	216.380 *	256.374 *	287.841 *	360.869 *	436.405 *	477.845 *	516.487 *	601.753 *
-15.0	118.161	151.786 *	184.392 *	222.073 *	264.843 *	314.609 *	366.026 *	398.627 *	453.836 *	507.077 *
-17.0	106.355	133.453 *	158.283 *	198.713 *	239.162 *	273.846 *	293.455 *	330.026 *	386.839 *	418.696 *
-19.5	92.659	110.310	140.604 *	168.831 *	195.096 *	218.036 *	236.159 *	270.674 *	305.983 *	311.891 *
-22.5	75.758	93.253	115.713	138.599 *	150.901 *	160.900 *	178.382 *	206.957 *	226.836 *	233.567 *
-25.5	62.506	78.769	95.756	104.291	113.694	126.841	143.407 *	159.490 *	165.110 *	167.867 *
-29.0	53.496	63.392	71.560	79.435	86.061	95.515	104.783	110.897	114.749	118.145
-33.0	42.256	48.233	53.811	57.967	63.092	68.239	74.463	77.687	79.980	82.422
-37.5	31.441	34.924	38.212	42.334	45.306	49.083	51.239	52.480	53.270	55.151
-42.5	21.381	23.186	26.076	29.421	32.391	34.379	34.936	35.257	35.348	36.721
-47.5	13.678	15.282	17.670	19.764	21.661	22.634	23.364	23.868	24.304	25.132
-55.0	4.890	6.636	8.321	9.629	10.139	10.511	10.860	11.176	11.547	11.892
-65.0	0.127	0.380	0.704	1.023	1.304	1.602	1.910	2.214	2.425	2.621
-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	2.632	2.044	1.750	2.044	2.632	3.121	3.577	3.550	2.875	2.232
47.5	22.274	21.913	21.665	21.913	22.274	22.444	22.404	20.763	18.607	16.305
42.5	40.052	39.422	38.980	39.422	40.052	40.331	39.974	36.947	33.718	30.326
37.5	72.155	71.624	71.065	71.624	72.155	71.897	69.045	63.272	57.054	51.415
33.0	113.157	112.519	111.800	112.519	113.157	112.712	106.651	98.358	89.429	84.864
29.0	157.731	* 157.300	* 156.334	* 157.300	* 157.731	* 155.599	* 143.779	* 132.227	* 124.782	119.859
25.5	212.938	* 211.451	* 209.828	* 211.451	* 212.938	* 207.492	* 191.298	* 174.831	* 167.665	* 158.446
22.5	290.396	* 289.049	* 286.530	* 289.049	* 290.396	* 274.498	* 246.512	* 225.918	* 209.109	* 195.240
19.5	382.840	* 382.719	* 378.985	* 382.719	* 382.840	* 348.752	* 312.995	* 300.989	* 282.428	* 243.469
17.0	504.580	* 502.111	* 495.960	* 502.111	* 504.580	* 449.939	* 409.562	* 381.741	* 327.539	* 283.053
15.0	592.960	* 599.745	* 589.540	* 599.745	* 592.960	* 526.191	* 499.234	* 459.528	* 384.330	* 322.035
13.0	703.056	* 727.631	* 718.168	* 727.631	* 703.056	* 625.756	* 595.521	* 516.110	* 438.867	* 393.597
11.0	811.620	* 858.107	* 846.796	* 858.107	* 811.620	* 751.293	* 689.463	* 572.376	* 515.660	* 462.010
9.0	908.582	* 981.786	* 968.256	* 981.786	* 908.582	* 877.077	* 754.254	* 678.317	* 596.563	* 489.218
7.0	1018.852	*1097.864	*1082.548	*1097.864	*1018.853	*941.277	* 850.435	* 759.715	* 629.222	* 522.495
5.0	1133.396	*1211.356	*1196.840	*1211.356	*1133.396	*1022.696	*916.780	* 782.541	* 693.505	* 593.718
3.0	1173.098	*1224.166	*1241.340	*1224.166	*1173.098	*1064.798	*969.805	* 855.662	* 721.155	* 593.870
1.0	1196.942	*1263.056	*1285.841	*1263.056	*1196.942	*1098.276	*955.555	* 824.158	* 700.792	* 585.062
0.0	1164.714	*1260.299	*1308.091	*1260.299	*1164.714	*1069.130	*940.190	* 811.250	* 690.560	* 578.120
-1.0	1154.307	*1245.778	*1277.311	*1245.778	*1154.307	*1099.155	*968.383	* 835.766	* 710.519	* 592.646
-3.0	1121.027	*1192.356	*1215.750	*1192.356	*1121.027	*1051.227	*908.948	* 784.086	* 688.002	* 586.151
-5.0	1030.891	*1106.095	*1154.190	*1106.095	*1030.891	*960.915	* 860.431	* 773.751	* 648.742	* 529.137
-7.0	956.874	* 987.558	* 1038.394	*987.558	* 956.874	* 880.334	* 787.974	* 686.926	* 615.802	* 515.317
-9.0	859.697	* 879.421	* 922.598	* 879.421	* 859.697	* 763.863	* 724.709	* 627.876	* 525.486	* 464.226
-11.0	738.282	* 770.867	* 806.786	* 770.867	* 738.282	* 688.953	* 614.823	* 570.555	* 476.474	* 398.946
-13.0	620.841	* 661.900	* 690.958	* 661.900	* 620.841	* 601.753	* 516.487	* 477.845	* 436.405	* 360.869
-15.0	509.361	* 552.976	* 575.130	* 552.976	* 509.361	* 507.077	* 453.836	* 398.627	* 366.026	* 314.609
-17.0	422.466	* 465.249	* 483.970	* 465.249	* 422.466	* 418.696	* 386.839	* 330.026	* 293.455	* 273.846
-19.5	322.086	* 356.003	* 370.020	* 356.003	* 322.086	* 311.891	* 305.983	* 270.674	* 236.159	* 218.036
-22.5	245.117	* 266.128	* 275.125	* 266.128	* 245.117	* 233.567	* 226.836	* 206.957	* 178.382	* 160.900
-25.5	177.345	* 189.554	* 194.904	* 189.554	* 177.345	* 167.867	* 165.110	* 159.490	* 143.407	* 126.841
-29.0	127.016	134.848	* 138.092	* 134.848	127.016	118.145	114.749	110.897	104.783	95.515
-33.0	87.486	91.770	93.570	91.770	87.486	82.422	79.980	77.687	74.463	68.239
-37.5	57.854	60.149	61.125	60.149	57.854	55.151	53.270	52.480	51.239	49.083
-42.5	38.102	39.291	39.805	39.291	38.102	36.721	35.348	35.257	34.936	34.379
-47.5	25.857	26.464	26.720	26.464	25.857	25.132	24.304	23.868	23.364	22.634
-55.0	12.216	12.345	12.410	12.345	12.216	11.892	11.547	11.176	10.860	10.511
-65.0	2.825	2.975	3.050	2.975	2.825	2.621	2.425	2.214	1.910	1.602
-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. 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	1.636	1.251	1.442	1.400	1.002	0.079	0.000	0.000	0.000	0.000
47.5	13.866	12.402	10.857	9.464	7.307	4.641	2.309	1.212	0.000	0.000
42.5	27.814	25.814	23.615	19.918	15.070	9.160	6.742	3.667	1.600	0.000
37.5	48.017	46.131	42.829	35.147	27.212	20.192	14.262	8.338	3.868	1.571
33.0	80.782	76.019	65.776	52.573	42.512	34.126	22.482	13.655	6.408	3.166
29.0	113.892	103.533	88.250	72.478	61.942	49.683	34.106	18.855	8.798	4.982
25.5	143.605	* 126.412	109.138	93.939	79.140	62.863	43.622	25.305	14.140	6.602

IES FLOOD REPORT
PHOTOMETRIC FILENAME : VRK-LM-740-N4-UNS-XX.IES

CANDELA TABULATION - (Cont.)

22.5	173.903 *	152.732 *	131.606 *	113.175	94.641	71.858	51.155	33.909	19.184	7.988
19.5	205.639 *	182.405 *	162.517 *	132.913 *	106.754	80.164	60.028	41.428	24.581	9.652
17.0	251.436 *	222.838 *	187.177 *	149.625 *	114.974	90.182	66.948	46.842	27.458	11.659
15.0	292.282 *	261.362 *	205.466 *	160.393 *	125.782	98.668	71.921	49.582	29.526	13.738
13.0	338.737 *	284.014 *	225.634 *	171.875 *	139.479 *	106.697	75.734	51.863	31.284	15.511
11.0	376.748 *	298.394 *	246.018 *	187.243 *	152.147 *	112.760	78.954	53.659	32.644	16.979
9.0	401.863 *	335.892 *	273.721 *	209.682 *	160.043 *	114.596	81.616	54.962	33.609	17.667
7.0	452.897 *	382.403 *	295.569 *	219.484 *	162.319 *	116.155	83.130	55.743	34.154	18.161
5.0	486.902 *	398.525 *	294.269 *	221.913 *	162.353 *	117.691	83.789	55.946	34.388	18.454
3.0	476.169 *	393.254 *	294.182 *	222.369 *	162.342 *	118.878	83.696	55.615	34.322	18.552
1.0	472.067 *	392.342 *	294.629 *	220.887 *	160.544 *	118.401	82.788	54.785	33.972	18.463
0.0	465.680 *	388.448 *	291.908 *	218.730 *	158.949 *	117.572	82.020	54.195	33.695	18.350
-1.0	478.086 *	396.670 *	297.357 *	222.310 *	161.096 *	118.601	82.641	54.599	34.014	18.696
-3.0	483.655 *	405.805 *	302.076 *	226.469 *	163.952 *	119.447	83.230	55.068	34.460	19.258
-5.0	441.378 *	372.694 *	283.735 *	220.204 *	163.862 *	118.536	82.928	55.067	34.656	19.651
-7.0	424.533 *	342.548 *	260.532 *	201.858 *	153.481 *	112.185	80.994	54.577	34.611	19.879
-9.0	406.529 *	325.904 *	251.439 *	183.495 *	141.948 *	104.205	75.618	52.411	34.333	19.946
-11.0	347.748 *	291.579 *	241.034 *	172.825 *	133.548 *	96.799	69.654	49.171	32.806	19.859
-13.0	287.841 *	256.374 *	216.380 *	165.810 *	127.098	92.049	63.789	45.687	30.939	18.614
-15.0	264.843 *	222.073 *	184.392 *	151.786 *	118.161	87.794	60.975	42.004	28.934	17.177
-17.0	239.162 *	198.713 *	158.283 *	133.453 *	106.355	82.482	58.722	39.891	26.879	15.603
-19.5	195.096 *	168.831 *	140.604 *	110.310	92.659	73.143	55.275	38.107	24.353	13.946
-22.5	150.901 *	138.599 *	115.713	93.253	75.758	61.797	49.806	34.990	22.193	12.366
-25.5	113.694	104.291	95.756	78.769	62.506	52.505	42.305	30.817	19.955	11.335
-29.0	86.061	79.435	71.560	63.392	53.496	43.013	34.542	25.861	17.301	9.859
-33.0	63.092	57.967	53.811	48.233	42.256	34.931	26.307	21.550	14.467	7.610
-37.5	45.306	42.334	38.212	34.924	31.441	26.781	21.850	16.889	10.170	5.209
-42.5	32.391	29.421	26.076	23.186	21.381	18.505	15.240	10.647	6.288	2.378
-47.5	21.661	19.764	17.670	15.282	13.678	11.649	9.013	6.263	2.846	1.119
-55.0	10.139	9.629	8.321	6.636	4.890	3.902	3.122	1.610	0.011	0.000
-65.0	1.304	1.023	0.704	0.380	0.127	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	0.090	0.000	0.000	0.000	0.000
25.5	0.964	0.000	0.000	0.000	0.000
22.5	1.630	0.000	0.000	0.000	0.000
19.5	2.216	0.000	0.000	0.000	0.000
17.0	2.641	0.000	0.000	0.000	0.000
15.0	2.939	0.000	0.000	0.000	0.000
13.0	3.242	0.000	0.000	0.000	0.000
11.0	3.521	0.000	0.000	0.000	0.000
9.0	3.764	0.000	0.000	0.000	0.000

IES FLOOD REPORT
PHOTOMETRIC FILENAME : VRK-LM-740-N4-UNS-XX.IES

CANDELA TABULATION - (Cont.)

7.0	3.971	0.000	0.000	0.000	0.000
5.0	4.139	0.000	0.000	0.000	0.000
3.0	4.314	0.000	0.000	0.000	0.000
1.0	4.365	0.000	0.000	0.000	0.000
0.0	4.390	0.000	0.000	0.000	0.000
-1.0	4.516	0.000	0.000	0.000	0.000
-3.0	4.768	0.000	0.000	0.000	0.000
-5.0	4.883	0.000	0.000	0.000	0.000
-7.0	4.995	0.000	0.000	0.000	0.000
-9.0	5.052	0.000	0.000	0.000	0.000
-11.0	5.052	0.000	0.000	0.000	0.000
-13.0	4.991	0.000	0.000	0.000	0.000
-15.0	4.857	0.000	0.000	0.000	0.000
-17.0	4.620	0.000	0.000	0.000	0.000
-19.5	4.217	0.000	0.000	0.000	0.000
-22.5	3.572	0.000	0.000	0.000	0.000
-25.5	2.745	0.000	0.000	0.000	0.000
-29.0	1.548	0.000	0.000	0.000	0.000
-33.0	1.146	0.000	0.000	0.000	0.000
-37.5	0.711	0.000	0.000	0.000	0.000
-42.5	0.006	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 : VRK-LM-740-N4-UNS-XX.IES

LUMEN TABULATION

Average Of Right And Left Sides
 Total Luminaire Lumens (one side of beam only) = 205.65
 Total Field Lumens (one side of beam only) = 164.07
 * 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	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00
55	0.03	0.06	0.06	0.06	0.06	0.06	0.05	0.04	0.04	0.03
47.5	0.05	0.09	0.10	0.09	0.09	0.09	0.08	0.07	0.07	0.06
42.5	0.08	0.17	0.17	0.17	0.17	0.16	0.14	0.13	0.12	0.11
37.5	0.13	0.25	0.25	0.25	0.25	0.23	0.21	0.19	0.18	0.17
33	0.16 *	0.33 *	0.33 *	0.31	0.29	0.27	0.25	0.24	0.22	0.24
29	0.20 *	0.39 *	0.39 *	0.37 *	0.34 *	0.31 *	0.30 *	0.28 *	0.25	0.27
25.5	0.23 *	0.46 *	0.45 *	0.42 *	0.38 *	0.35 *	0.33 *	0.30 *	0.26 *	0.28
22.5	0.31 *	0.61 *	0.59 *	0.54 *	0.49 *	0.46 *	0.42 *	0.36 *	0.31 *	0.34 *
19.5	0.34 *	0.67 *	0.64 *	0.58 *	0.53 *	0.48 *	0.42 *	0.36 *	0.32 *	0.34 *
17	0.33 *	0.67 *	0.63 *	0.57 *	0.53 *	0.47 *	0.39 *	0.34 *	0.30 *	0.32 *
15	0.40 *	0.80 *	0.74 *	0.68 *	0.62 *	0.54 *	0.46 *	0.40 *	0.34 *	0.35 *
13	0.48 *	0.94 *	0.88 *	0.81 *	0.72 *	0.61 *	0.54 *	0.46 *	0.38 *	0.38 *
11	0.56 *	1.08 *	1.02 *	0.93 *	0.81 *	0.71 *	0.61 *	0.51 *	0.41 *	0.42 *
9	0.63 *	1.22 *	1.14 *	1.04 *	0.92 *	0.80 *	0.67 *	0.55 *	0.46 *	0.47 *
7	0.70 *	1.36 *	1.25 *	1.13 *	1.00 *	0.86 *	0.73 *	0.61 *	0.50 *	0.50 *
5	0.74 *	1.44 *	1.34 *	1.20 *	1.06 *	0.92 *	0.78 *	0.64 *	0.51 *	0.50 *
3	0.76 *	1.48 *	1.38 *	1.24 *	1.09 *	0.93 *	0.77 *	0.63 *	0.51 *	0.50 *
1	0.39 *	0.74 *	0.69 *	0.62 *	0.53 *	0.45 *	0.38 *	0.31 *	0.25 *	0.25 *
0	0.39 *	0.73 *	0.68 *	0.62 *	0.54 *	0.46 *	0.38 *	0.31 *	0.25 *	0.25 *
-1	0.75 *	1.43 *	1.34 *	1.22 *	1.05 *	0.91 *	0.77 *	0.63 *	0.52 *	0.51 *
-3	0.71 *	1.35 *	1.27 *	1.15 *	1.00 *	0.87 *	0.73 *	0.60 *	0.50 *	0.49 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : VRK-LM-740-N4-UNS-XX.IES

LUMENS TABULATION - (Cont.)

-5	0.65 *	1.24 *	1.16 *	1.06 *	0.94 *	0.82 *	0.69 *	0.56 *	0.46 *	0.46 *
-7	0.58 *	1.12 *	1.05 *	0.96 *	0.85 *	0.74 *	0.63 *	0.54 *	0.44 *	0.43 *
-9	0.51 *	0.99 *	0.93 *	0.85 *	0.77 *	0.66 *	0.56 *	0.48 *	0.40 *	0.40 *
-11	0.45 *	0.85 *	0.81 *	0.73 *	0.66 *	0.59 *	0.50 *	0.41 *	0.35 *	0.36 *
-13	0.38 *	0.71 *	0.68 *	0.63 *	0.56 *	0.50 *	0.44 *	0.36 *	0.30 *	0.32 *
-15	0.32 *	0.59 *	0.56 *	0.54 *	0.47 *	0.42 *	0.37 *	0.32 *	0.27 *	0.28 *
-17	0.32 *	0.60 *	0.56 *	0.54 *	0.49 *	0.42 *	0.38 *	0.34 *	0.29 *	0.30 *
-19.5	0.29 *	0.54 *	0.51 *	0.49 *	0.46 *	0.40 *	0.35 *	0.32 *	0.29 *	0.31 *
-22.5	0.21 *	0.40 *	0.38 *	0.36 *	0.34 *	0.31 *	0.27 *	0.24 *	0.22	0.25
-25.5	0.18 *	0.33 *	0.31 *	0.30 *	0.29 *	0.27	0.25	0.22	0.20	0.22
-29	0.14	0.27	0.25	0.24	0.23	0.22	0.20	0.18	0.17	0.19
-33	0.11	0.20	0.19	0.18	0.18	0.17	0.16	0.15	0.14	0.16
-37.5	0.08	0.15	0.14	0.14	0.13	0.13	0.13	0.12	0.11	0.12
-42.5	0.05	0.10	0.10	0.09	0.09	0.09	0.09	0.08	0.08	0.08
-47.5	0.04	0.09	0.09	0.08	0.08	0.08	0.08	0.07	0.07	0.08
-55	0.02	0.05	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.04
-65	0.00	0.01	0.01	0.01	0.01	0.01	0.01	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	12.69	24.56	23.11	21.22	19.03	16.75	14.50	12.38	10.49	10.80

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	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00
47.5	0.07	0.05	0.04	0.03	0.02	0.01	0.00	0.00	0.00	0.00

IES FLOOD REPORT
PHOTOMETRIC FILENAME : VRK-LM-740-N4-UNS-XX.IES

LUMENS TABULATION - (Cont.)

42.5										
	0.13	0.10	0.08	0.07	0.05	0.03	0.01	0.00	0.00	0.00
37.5										
	0.19	0.15	0.13	0.11	0.07	0.04	0.02	0.01	0.00	0.00
33										
	0.24	0.19	0.18	0.15	0.10	0.06	0.03	0.01	0.00	0.00
29										
	0.27	0.22	0.21	0.17	0.12	0.07	0.03	0.02	0.00	0.00
25.5										
	0.29	0.24	0.22	0.18	0.13	0.08	0.04	0.02	0.00	0.00
22.5										
	0.35 *	0.28	0.25	0.21	0.16	0.10	0.05	0.02	0.00	0.00
19.5										
	0.34 *	0.26	0.23	0.19	0.15	0.10	0.05	0.02	0.00	0.00
17										
	0.30 *	0.23 *	0.20	0.17	0.13	0.09	0.04	0.02	0.00	0.00
15										
	0.33 *	0.25 *	0.22	0.18	0.14	0.09	0.05	0.03	0.00	0.00
13										
	0.35 *	0.27 *	0.24	0.20	0.15	0.10	0.05	0.03	0.01	0.00
11										
	0.39 *	0.30 *	0.26 *	0.20	0.15	0.10	0.05	0.03	0.01	0.00
9										
	0.43 *	0.31 *	0.26 *	0.21	0.15	0.10	0.06	0.03	0.01	0.00
7										
	0.44 *	0.32 *	0.26 *	0.21	0.16	0.11	0.06	0.03	0.01	0.00
5										
	0.44 *	0.32 *	0.27 *	0.21	0.16	0.11	0.06	0.03	0.01	0.00
3										
	0.44 *	0.32 *	0.27 *	0.21	0.15	0.10	0.06	0.03	0.01	0.00
1										
	0.22 *	0.16 *	0.13 *	0.10	0.08	0.05	0.03	0.02	0.00	0.00
0										
	0.22 *	0.16 *	0.13 *	0.10	0.08	0.05	0.03	0.02	0.00	0.00
-1										
	0.45 *	0.32 *	0.27 *	0.21	0.15	0.10	0.06	0.03	0.01	0.00
-3										
	0.44 *	0.32 *	0.27 *	0.21	0.15	0.10	0.06	0.03	0.01	0.00
-5										
	0.41 *	0.31 *	0.26 *	0.21	0.15	0.10	0.06	0.04	0.01	0.00
-7										
	0.38 *	0.28 *	0.24	0.19	0.15	0.10	0.06	0.04	0.01	0.00
-9										
	0.36 *	0.26 *	0.23	0.18	0.14	0.10	0.06	0.04	0.01	0.00
-11										
	0.34 *	0.25 *	0.21	0.17	0.13	0.09	0.06	0.03	0.01	0.00
-13										
	0.31 *	0.23 *	0.20	0.16	0.12	0.09	0.05	0.03	0.01	0.00
-15										
	0.27 *	0.21	0.19	0.15	0.11	0.08	0.05	0.03	0.01	0.00
-17										
	0.29 *	0.23	0.21	0.18	0.13	0.09	0.05	0.03	0.01	0.00
-19.5										
	0.29	0.23	0.22	0.19	0.15	0.10	0.06	0.04	0.01	0.00
-22.5										
	0.25	0.19	0.18	0.16	0.13	0.09	0.05	0.03	0.01	0.00

IES FLOOD REPORT
PHOTOMETRIC FILENAME : VRK-LM-740-N4-UNS-XX.IES

LUMENS TABULATION - (Cont.)

-25.5	0.23	0.19	0.18	0.16	0.13	0.10	0.06	0.03	0.01	0.00
-29	0.20	0.17	0.16	0.14	0.12	0.09	0.05	0.03	0.00	0.00
-33	0.17	0.15	0.14	0.13	0.11	0.08	0.05	0.02	0.00	0.00
-37.5	0.13	0.12	0.12	0.11	0.09	0.06	0.03	0.01	0.00	0.00
-42.5	0.09	0.08	0.08	0.07	0.06	0.04	0.02	0.01	0.00	0.00
-47.5	0.08	0.06	0.06	0.05	0.04	0.02	0.01	0.00	0.00	0.00
-55	0.03	0.03	0.02	0.02	0.01	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	10.18	7.82	6.85	5.61	4.23	2.87	1.53	0.85	0.16	0.00

Vert. Angles	Horizontal Angles			Total
	75	85	90	
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	0.09	
55	0.00	0.00	0.57	
47.5	0.00	0.00	0.99	
42.5	0.00	0.00	1.84	
37.5	0.00	0.00	2.75	
33	0.00	0.00	3.59	
29	0.00	0.00	4.22	
25.5	0.00	0.00	4.64	
22.5	0.00	0.00	5.85	
19.5	0.00	0.00	6.04	
17	0.00	0.00	5.74	
15	0.00	0.00	6.64	

IES FLOOD REPORT
PHOTOMETRIC FILENAME : VRK-LM-740-N4-UNS-XX.IES

LUMENS TABULATION - (Cont.)

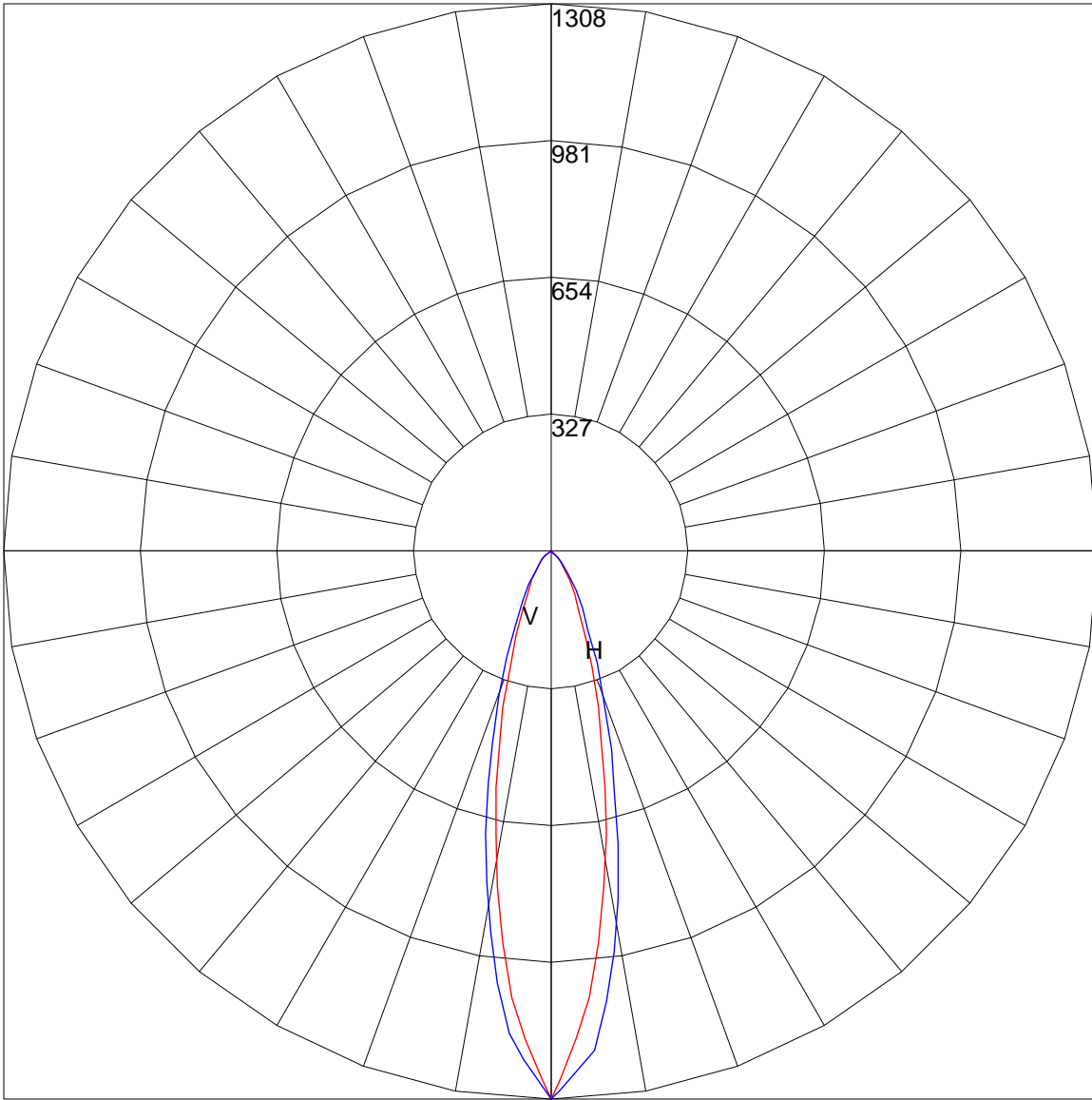
13	0.00	0.00	7.60
11	0.00	0.00	8.55
9	0.00	0.00	9.44
7	0.00	0.00	10.22
5	0.00	0.00	10.72
3	0.00	0.00	10.88
1	0.00	0.00	5.40
0	0.00	0.00	5.40
-1	0.00	0.00	10.74
-3	0.00	0.00	10.28
-5	0.00	0.00	9.59
-7	0.00	0.00	8.79
-9	0.00	0.00	7.91
-11	0.00	0.00	6.99
-13	0.00	0.00	6.08
-15	0.00	0.00	5.24
-17	0.00	0.00	5.47
-19.5	0.00	0.00	5.25
-22.5	0.00	0.00	4.09
-25.5	0.00	0.00	3.64
-29	0.00	0.00	3.08
-33	0.00	0.00	2.50
-37.5	0.00	0.00	1.92
-42.5	0.00	0.00	1.27
-47.5	0.00	0.00	1.08
-55	0.00	0.00	0.49
-65	0.00	0.00	0.06
-75	0.00	0.00	0.00

IES FLOOD REPORT
PHOTOMETRIC FILENAME : VRK-LM-740-N4-UNS-XX.IES

LUMENS TABULATION - (Cont.)

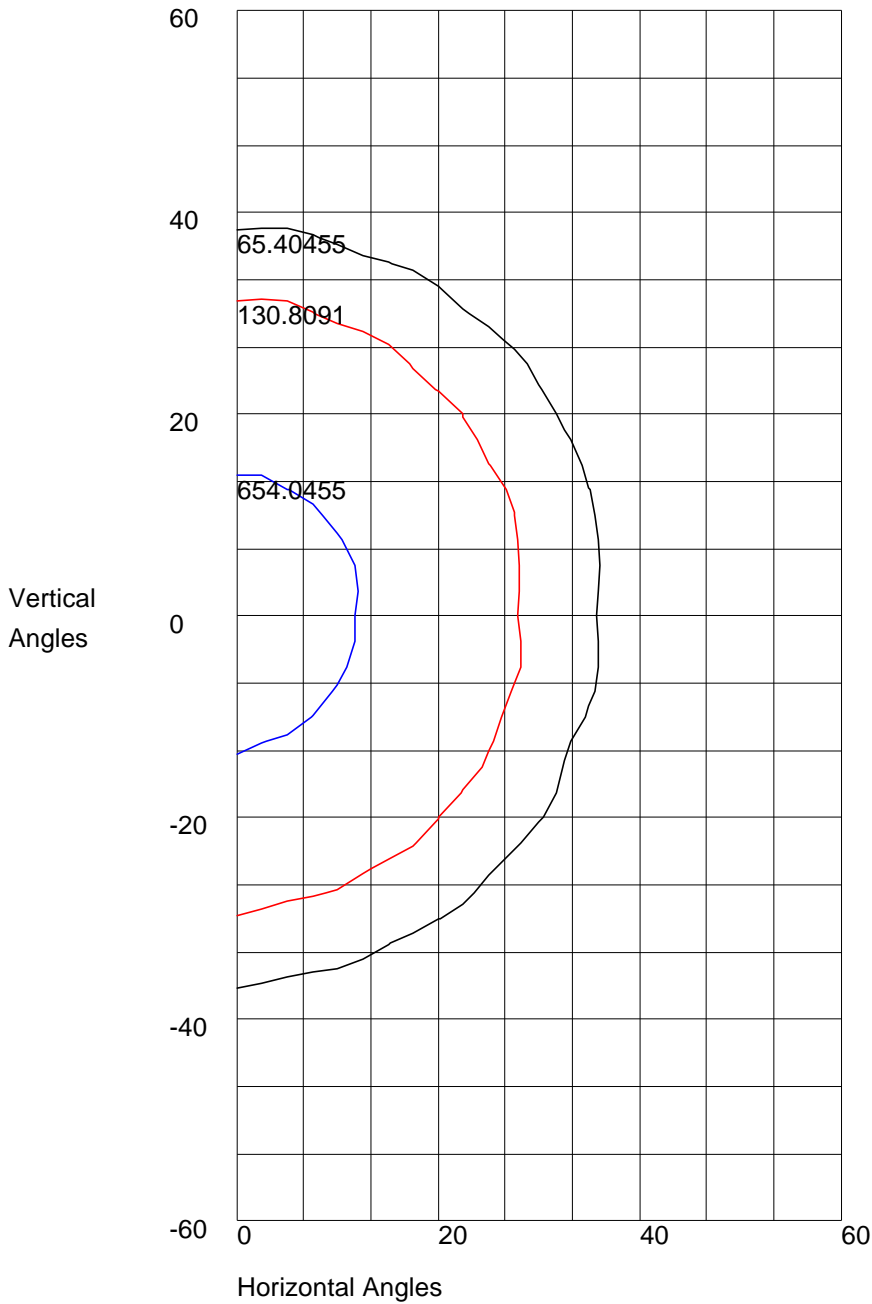
-85	0.00	0.00	0.00
-90			
Total	0.00	0.00	205.65

AXIAL CANDELA DISPLAY



Maximum Candela = 1308.091 Located At Horizontal Angle = 0, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 1308.091 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 654.0455
10% Maximum Candela = 65.40455