

EYELITE®

from EYE Lighting

IES FLOOD REPORT

PHOTOMETRIC FILENAME : VRK-L1-740-N4-UNV-XX.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB]

[TESTDATE] 2013-01-16

[ISSUEDATE] 2013-01-16 23:33:22

[LAMPPOSITION] 0,0

[OTHER] EVERFINE GO-R3000(2M3D) SYSTEM

[MANUFAC] EYELITE

[LUMCAT] VRK-L1-740-N4-UNV-XX

[LUMINAIRE] 15W BULLET

[LAMP] CREE XTE R3 4500---5000K

[BALLAST] LP1020-36-C0480

[TEMPERATURE] 25.5jæ TEST 22:10~~~23:30

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

CHARACTERISTICS

NEMA Type	4 H x 4 V
Maximum Candela	3300.43
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	27.7
Vertical Beam Angle (50%)	30.5
Horizontal Field Angle (10%)	57.9
Vertical Field Angle (10%)	60.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	427
Beam Efficiency	N.A.
Field Lumens	909
Field Efficiency	N.A.
Spill Lumens	194
Luminaire Lumens	1103
Total Efficiency	N.A.
Total Luminaire Watts	15.1
Ballast Factor	0.99



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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	30.12	55	14.85
47.5	38.43	47.5	44.26
42.5	69.99	42.5	79.75
37.5	123.61	37.5	144
33	205.51	33	242.36
29	326.5	29	388.64
25.5	493.72	25.5	602.84
22.5	694.58	22.5	833.26
19.5	960.64	19.5	1138.98
17	1240.07	17	1446.4
15	1487.38	15	1720.57
13	1773.31	13	2017.5
11	2065.29	11	2310.88
9	2364.85	9	2605.57
7	2658.63	7	2867.55
5	2920.58	5	3068.25
3	3123.77	3	3226.3
1	3260.92	1	3299.29
0	3300.43	0	3300.43
-1	3260.92	-1	3288.04
-3	3123.77	-3	3190.36
-5	2920.58	-5	3024.83
-7	2658.63	-7	2797.3
-9	2364.85	-9	2530.84
-11	2065.29	-11	2231.38
-13	1773.31	-13	1923.02
-15	1487.38	-15	1646.7
-17	1240.07	-17	1365.46
-19.5	960.64	-19.5	1069.47
-22.5	694.58	-22.5	778.85
-25.5	493.72	-25.5	557.55
-29	326.5	-29	369.77
-33	205.51	-33	225.84
-37.5	123.61	-37.5	129.71
-42.5	69.99	-42.5	76.51
-47.5	38.43	-47.5	57.16
-55	30.12	-55	25.99
-65	0	-65	0
-75	0	-75	0
-85	0	-85	0
-90	0	-90	0

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CANDELA TABULATION

Maximum Candela = 3300.43
 Beam Edge = 1650.215 Cd (50% of Max.)
 Field Edge = 330.043 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	0.01	4.10	12.31	4.10	0.00	0.00	0.00	0.00	0.00	0.00
85.0	0.01	3.96	6.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75.0	0.01	2.23	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65.0	0.01	14.14	0.00	0.00	0.00	0.00	0.00	3.87	5.61	6.86
55.0	0.01	17.67	0.00	0.00	0.00	0.00	0.00	0.24	6.42	13.68
47.5	0.01	11.66	0.00	0.00	0.00	0.63	3.67	7.48	14.76	25.02
42.5	0.01	9.64	0.00	0.00	0.00	4.45	8.31	13.83	21.70	28.42
37.5	0.01	8.96	0.00	0.00	0.59	7.74	14.22	23.25	34.04	46.78
33.0	0.00	6.21	0.00	0.01	1.86	11.54	21.09	34.95	50.55	67.29
29.0	0.00	3.50	0.00	0.00	2.92	14.77	27.86	47.70	68.87	94.21
25.5	0.00	1.45	0.00	0.00	4.77	18.14	34.11	59.05	87.92	121.12
22.5	0.00	1.16	0.00	0.00	5.35	21.17	39.91	68.16	106.77	151.41
19.5	0.00	0.89	0.00	0.00	8.35	23.65	44.93	79.35	123.62	182.34
17.0	0.00	0.69	0.00	0.00	10.88	25.40	48.62	85.76	137.26	207.25
15.0	0.00	0.54	0.00	0.00	12.37	28.39	52.18	90.91	147.01	225.94
13.0	0.00	0.41	0.00	0.00	12.95	30.22	55.87	95.46	156.37	242.22
11.0	0.00	0.00	0.00	0.00	10.03	31.22	58.52	101.34	165.10	255.74
9.0	0.00	0.00	0.00	0.00	6.28	32.97	61.46	108.03	174.44	269.09
7.0	0.00	0.00	0.00	0.00	12.91	34.56	64.12	112.87	183.06	285.82
5.0	0.00	0.00	0.00	0.00	19.35	36.11	66.45	116.80	191.90	301.92
3.0	0.00	0.00	0.00	0.00	27.50	37.80	68.98	120.44	199.09	314.92
1.0	0.00	0.00	0.00	0.00	29.25	38.22	69.65	123.06	204.32	324.30
0.0	0.00	0.00	0.00	0.00	30.12	38.43	69.99	123.61	205.51	326.50
-1.0	0.00	0.00	0.00	0.00	29.23	38.22	69.69	124.43	204.37	325.50
-3.0	0.00	0.00	0.00	0.00	27.46	37.80	69.08	124.49	199.29	318.76
-5.0	0.00	0.00	0.00	0.00	19.31	36.22	66.52	123.43	192.45	309.01
-7.0	0.00	0.00	0.00	0.00	12.87	34.86	64.09	121.94	185.02	291.58
-9.0	0.00	0.00	0.00	0.00	6.26	33.45	61.24	118.89	179.76	271.38
-11.0	0.00	0.00	0.00	0.00	10.14	31.79	58.12	115.67	177.26	254.65
-13.0	0.00	0.41	0.00	0.00	13.26	29.85	55.48	108.71	156.22	228.22
-15.0	0.00	0.54	0.00	0.00	12.62	27.82	51.81	98.96	137.53	199.25
-17.0	0.00	0.69	0.00	0.00	10.90	25.95	49.47	87.25	127.73	178.36
-19.5	0.00	0.89	0.00	0.00	8.19	26.72	47.69	70.58	108.23	153.99
-22.5	0.00	1.16	0.00	0.00	5.95	21.31	44.72	58.97	88.69	132.80
-25.5	0.00	1.45	0.00	0.00	5.76	24.02	38.88	53.98	76.34	109.55
-29.0	0.00	3.50	0.00	0.00	3.44	18.95	38.46	55.48	61.91	88.69
-33.0	0.00	6.21	0.00	0.01	2.73	7.31	19.96	39.07	52.72	66.31
-37.5	0.00	8.96	0.00	0.42	7.17	1.21	13.11	27.92	34.36	44.92
-42.5	0.00	9.64	0.00	1.21	0.00	1.04	6.22	13.53	20.62	27.01
-47.5	0.00	11.66	0.00	0.41	3.60	10.04	2.53	6.94	11.56	14.89
-55.0	0.00	17.67	0.00	0.46	3.19	4.94	0.14	0.47	1.55	3.58
-65.0	0.00	14.14	0.00	2.72	2.31	5.06	10.98	8.05	1.22	0.40
-75.0	0.00	0.08	0.39	0.00	3.60	10.44	4.76	5.99	2.93	0.00
-85.0	0.00	0.00	0.00	1.01	1.60	0.08	0.00	0.00	0.00	0.00
-90.0	0.00	0.00	0.00	1.80	1.79	0.45	0.00	0.00	0.00	0.00

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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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65.0	13.49	16.95	6.25	11.35	13.58	13.91	12.30	8.66	5.86	3.71
55.0	8.92	16.98	13.75	13.47	13.26	13.51	8.50	6.39	7.84	9.65
47.5	33.91	39.45	31.91	30.55	32.68	34.33	29.67	30.98	34.93	39.48
42.5	36.63	44.74	48.37	51.68	56.00	55.32	54.90	60.68	68.41	75.46
37.5	60.10	73.30	88.35	93.23	98.96	103.82	111.74	116.56	123.89	134.57
33.0	88.18	108.36	131.14	151.65	166.65	180.03	184.29	206.79	217.61	227.99
29.0	118.75	151.22	185.02	219.89	246.10	266.83	283.03	298.74	315.15	341.59 *
25.5	156.97	195.68	247.34	297.52	342.54 *	383.40 *	416.13 *	442.76 *	464.51 *	507.84 *
22.5	198.11	247.47	313.04	383.33 *	447.45 *	517.41 *	570.44 *	615.02 *	649.74 *	697.36 *
19.5	246.98	314.92	392.71 *	483.28 *	570.79 *	667.61 *	769.78 *	837.10 *	892.33 *	936.28 *
17.0	292.45	377.10 *	483.55 *	579.48 *	688.14 *	809.07 *	940.52 *	1066.24 *	1139.66 *	1191.11 *
15.0	326.02	434.75 *	560.00 *	686.45 *	794.02 *	925.24 *	1090.57 *	1254.88 *	1368.18 *	1442.18 *
13.0	353.33 *	486.96 *	647.07 *	791.21 *	919.00 *	1047.48 *	1234.11 *	1436.44 *	1618.36 *	1706.37 *
11.0	376.60 *	524.65 *	719.65 *	906.41 *	1060.47 *	1220.25 *	1376.70 *	1602.25 *	1841.57 *	2005.67 *
9.0	399.41 *	556.48 *	769.06 *	991.79 *	1201.24 *	1386.80 *	1579.19 *	1765.62 *	2027.09 *	2271.72 *
7.0	417.93 *	580.70 *	809.75 *	1049.50 *	1276.33 *	1530.93 *	1777.41 *	1991.78 *	2184.47 *	2482.48 *
5.0	447.21 *	622.73 *	842.87 *	1080.30 *	1319.29 *	1587.16 *	1887.56 *	2181.68 *	2433.37 *	2614.34 *
3.0	471.35 *	658.68 *	902.25 *	1155.19 *	1383.28 *	1645.24 *	1907.05 *	2226.72 *	2534.70 *	2822.05 *
1.0	489.19 *	686.96 *	948.08 *	1222.45 *	1464.67 *	1746.20 *	2031.11 *	2325.57 *	2613.27 *	2861.27 *
0.0	493.72 *	694.58 *	960.64 *	1240.07 *	1487.38 *	1773.31 *	2065.29 *	2364.85 *	2658.63 *	2920.58 *
-1.0	491.33 *	691.37 *	956.62 *	1233.36 *	1475.90 *	1763.46 *	2055.39 *	2338.96 *	2640.69 *	2893.66 *
-3.0	478.67 *	671.11 *	927.60 *	1188.53 *	1421.14 *	1695.43 *	1978.33 *	2243.73 *	2507.77 *	2745.81 *
-5.0	462.09 *	641.20 *	883.19 *	1123.89 *	1340.43 *	1583.13 *	1839.62 *	2084.24 *	2400.17 *	2700.72 *
-7.0	435.66 *	600.35 *	812.95 *	1027.98 *	1229.68 *	1433.08 *	1691.64 *	1985.87 *	2283.02 *	2474.80 *
-9.0	396.64 *	548.90 *	731.96 *	923.24 *	1093.94 *	1330.82 *	1588.06 *	1863.51 *	2042.84 *	2194.63 *
-11.0	364.44 *	486.36 *	650.70 *	833.88 *	1021.22 *	1228.48 *	1456.13 *	1633.30 *	1781.79 *	1995.64 *
-13.0	322.35	431.97 *	588.04 *	759.10 *	924.27 *	1111.93 *	1262.60 *	1398.78 *	1544.57 *	1750.68 *
-15.0	283.72	384.77 *	529.71 *	682.84 *	830.91 *	950.19 *	1075.70 *	1184.86 *	1346.28 *	1514.98 *
-17.0	251.61	346.27 *	471.48 *	599.99 *	703.45 *	800.94 *	894.77 *	999.15 *	1148.38 *	1285.73 *
-19.5	219.56	298.16	399.09 *	488.69 *	560.37 *	630.27 *	702.90 *	812.36 *	921.15 *	1027.66 *
-22.5	183.90	243.02	311.05	369.77 *	418.10 *	466.91 *	537.00 *	612.90 *	693.77 *	751.34 *
-25.5	150.44	192.76	236.12	276.72	308.06	348.18 *	400.88 *	452.50 *	503.91 *	533.30 *
-29.0	116.24	143.45	170.81	195.03	218.14	250.62	281.38	313.23	340.50 *	349.09 *
-33.0	84.08	99.66	117.42	133.63	153.94	175.70	193.80	219.90	227.02	227.78
-37.5	55.48	65.40	76.53	90.88	101.20	113.53	128.27	140.75	143.51	141.72
-42.5	33.21	38.52	47.07	57.71	67.05	75.05	78.99	82.31	83.42	83.11
-47.5	18.43	22.50	29.89	37.88	43.19	48.51	53.70	55.00	56.08	56.83
-55.0	4.83	9.79	15.22	19.76	23.59	28.27	27.93	25.83	25.38	25.64
-65.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-85.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65.0	1.93	0.64	0.00	0.64	1.93	3.71	5.86	8.66	12.30	13.91

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55.0	11.73	13.81	14.85	13.81	11.73	9.65	7.84	6.39	8.50	13.51
47.5	43.03	43.85	44.26	43.85	43.03	39.48	34.93	30.98	29.67	34.33
42.5	80.38	79.96	79.75	79.96	80.38	75.46	68.41	60.68	54.90	55.32
37.5	141.46	144.18	144.00	144.18	141.46	134.57	123.89	116.56	111.74	103.82
33.0	235.72	241.19	242.36	241.19	235.72	227.99	217.61	206.79	184.29	180.03
29.0	364.12 *	382.49 *	388.64 *	382.49 *	364.12 *	341.59 *	315.15	298.74	283.03	266.83
25.5	551.91 *	589.35 *	602.84 *	589.35 *	551.91 *	507.84 *	464.51 *	442.76 *	416.13 *	383.40 *
22.5	760.30 *	813.12 *	833.26 *	813.12 *	760.30 *	697.36 *	649.74 *	615.02 *	570.44 *	517.41 *
19.5	1029.44 *	1110.09 *	1138.98 *	1110.09 *	1029.44 *	936.28 *	892.33 *	837.10 *	769.78 *	667.61 *
17.0	1293.71 *	1406.06 *	1446.40 *	1406.06 *	1293.71 *	1191.11 *	1139.66 *	1066.24 *	940.52 *	809.07 *
15.0	1537.84 *	1671.87 *	1720.57 *	1671.87 *	1537.84 *	1442.18 *	1368.18 *	1254.88 *	1090.57 *	925.24 *
13.0	1790.50 *	1957.05 *	2017.50 *	1957.05 *	1790.50 *	1706.37 *	1618.36 *	1436.44 *	1234.11 *	1047.48 *
11.0	2061.24 *	2244.26 *	2310.88 *	2244.26 *	2061.24 *	2005.67 *	1841.57 *	1602.25 *	1376.70 *	1220.25 *
9.0	2361.32 *	2527.55 *	2605.57 *	2527.55 *	2361.32 *	2271.72 *	2027.09 *	1765.62 *	1579.19 *	1386.80 *
7.0	2640.35 *	2776.24 *	2867.55 *	2776.24 *	2640.35 *	2482.48 *	2184.47 *	1991.78 *	1777.41 *	1530.93 *
5.0	2885.45 *	2981.26 *	3068.25 *	2981.26 *	2885.45 *	2614.34 *	2433.37 *	2181.68 *	1887.56 *	1587.16 *
3.0	2962.04 *	3135.18 *	3226.30 *	3135.18 *	2962.16 *	2822.05 *	2534.70 *	2226.72 *	1906.48 *	1645.24 *
1.0	3073.74 *	3223.73 *	3299.29 *	3223.74 *	3073.74 *	2861.27 *	2613.27 *	2325.57 *	2031.11 *	1746.20 *
0.0	3123.77 *	3260.92 *	3300.43 *	3260.92 *	3123.77 *	2920.58 *	2658.63 *	2364.85 *	2065.29 *	1773.31 *
-1.0	3077.57 *	3259.19 *	3288.04 *	3259.21 *	3077.57 *	2893.66 *	2640.69 *	2338.96 *	2055.39 *	1763.46 *
-3.0	3030.60 *	3179.01 *	3190.36 *	3179.01 *	3030.83 *	2745.81 *	2507.77 *	2243.73 *	1978.00 *	1695.43 *
-5.0	2825.34 *	3047.27 *	3024.83 *	3047.27 *	2825.34 *	2700.72 *	2400.17 *	2084.24 *	1839.62 *	1583.13 *
-7.0	2661.24 *	2814.33 *	2797.30 *	2814.33 *	2661.24 *	2474.80 *	2283.02 *	1985.87 *	1691.64 *	1433.08 *
-9.0	2443.72 *	2541.17 *	2530.84 *	2541.17 *	2443.72 *	2194.63 *	2042.84 *	1863.51 *	1588.06 *	1330.82 *
-11.0	2205.38 *	2244.11 *	2231.38 *	2244.11 *	2205.38 *	1995.64 *	1781.79 *	1633.30 *	1456.13 *	1228.48 *
-13.0	1908.53 *	1934.64 *	1923.02 *	1934.64 *	1908.53 *	1750.68 *	1544.57 *	1398.78 *	1262.60 *	1111.93 *
-15.0	1620.59 *	1651.56 *	1646.70 *	1651.56 *	1620.59 *	1514.98 *	1346.28 *	1184.86 *	1075.70 *	950.19 *
-17.0	1352.83 *	1372.85 *	1365.46 *	1372.85 *	1352.83 *	1285.73 *	1148.38 *	999.15 *	894.77 *	800.94 *
-19.5	1060.48 *	1074.38 *	1069.47 *	1074.38 *	1060.48 *	1027.66 *	921.15 *	812.36 *	702.90 *	630.27 *
-22.5	771.52 *	781.68 *	778.85 *	781.68 *	771.52 *	751.34 *	693.77 *	612.90 *	537.00 *	466.91 *
-25.5	550.15 *	558.90 *	557.55 *	558.90 *	550.15 *	533.30 *	503.91 *	452.50 *	400.88 *	348.18 *
-29.0	361.32 *	370.47 *	369.77 *	370.47 *	361.32 *	349.09 *	340.50 *	313.23	281.38	250.62
-33.0	228.63	228.19	225.84	228.19	228.63	227.78	227.02	219.90	193.80	175.70
-37.5	137.82	132.46	129.71	132.46	137.82	141.72	143.51	140.75	128.27	113.53
-42.5	81.83	78.28	76.51	78.28	81.83	83.11	83.42	82.31	78.99	75.05
-47.5	57.57	57.30	57.16	57.30	57.57	56.83	56.08	55.00	53.70	48.51
-55.0	27.05	26.34	25.99	26.34	27.05	25.64	25.38	25.83	27.93	28.27
-65.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-85.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65.0	13.58	11.35	6.25	16.95	13.49	6.86	5.61	3.87	0.00	0.00
55.0	13.26	13.47	13.75	16.98	8.92	13.68	6.42	0.24	0.00	0.00
47.5	32.68	30.55	31.91	39.45	33.91	25.02	14.76	7.48	3.67	0.63
42.5	56.00	51.68	48.37	44.74	36.63	28.42	21.70	13.83	8.31	4.45
37.5	98.96	93.23	88.35	73.30	60.10	46.78	34.04	23.25	14.22	7.74
33.0	166.65	151.65	131.14	108.36	88.18	67.29	50.55	34.95	21.09	11.54
29.0	246.10	219.89	185.02	151.22	118.75	94.21	68.87	47.70	27.86	14.77
25.5	342.54 *	297.52	247.34	195.68	156.97	121.12	87.92	59.05	34.11	18.14

IES FLOOD REPORT
PHOTOMETRIC FILENAME : VRK-L1-740-N4-UNV-XX.IES

CANDELA TABULATION - (Cont.)

22.5	447.45 *	383.33 *	313.04	247.47	198.11	151.41	106.77	68.16	39.91	21.17
19.5	570.79 *	483.28 *	392.71 *	314.92	246.98	182.34	123.62	79.35	44.93	23.65
17.0	688.14 *	579.48 *	483.55 *	377.10 *	292.45	207.25	137.26	85.76	48.62	25.40
15.0	794.02 *	686.45 *	560.00 *	434.75 *	326.02	225.94	147.01	90.91	52.18	28.39
13.0	919.00 *	791.21 *	647.07 *	486.96 *	353.33 *	242.22	156.37	95.46	55.87	30.22
11.0	1060.47 *	906.41 *	719.65 *	524.65 *	376.60 *	255.74	165.10	101.34	58.52	31.22
9.0	1201.24 *	991.79 *	769.06 *	556.48 *	399.41 *	269.09	174.44	108.03	61.46	32.97
7.0	1276.33 *	1049.50 *	809.75 *	580.70 *	417.93 *	285.82	183.06	112.87	64.12	34.56
5.0	1319.29 *	1080.30 *	842.87 *	622.73 *	447.21 *	301.92	191.90	116.80	66.45	36.11
3.0	1383.28 *	1155.19 *	902.25 *	658.68 *	471.35 *	314.92	199.09	120.44	68.98	37.80
1.0	1464.67 *	1222.45 *	948.08 *	686.96 *	489.19 *	324.30	204.32	123.06	69.65	38.22
0.0	1487.38 *	1240.07 *	960.64 *	694.58 *	493.72 *	326.50	205.51	123.61	69.99	38.43
-1.0	1475.90 *	1233.36 *	956.62 *	691.37 *	491.33 *	325.50	204.37	124.43	69.69	38.22
-3.0	1421.14 *	1188.53 *	927.60 *	671.11 *	478.67 *	318.76	199.29	124.49	69.08	37.80
-5.0	1340.43 *	1123.89 *	883.19 *	641.20 *	462.09 *	309.01	192.45	123.43	66.52	36.22
-7.0	1229.68 *	1027.98 *	812.95 *	600.35 *	435.66 *	291.58	185.02	121.94	64.09	34.86
-9.0	1093.94 *	923.24 *	731.96 *	548.90 *	396.64 *	271.38	179.76	118.89	61.24	33.45
-11.0	1021.22 *	833.88 *	650.70 *	486.36 *	364.44 *	254.65	177.26	115.67	58.12	31.79
-13.0	924.27 *	759.10 *	588.04 *	431.97 *	322.35	228.22	156.22	108.71	55.48	29.85
-15.0	830.91 *	682.84 *	529.71 *	384.77 *	283.72	199.25	137.53	98.96	51.81	27.82
-17.0	703.45 *	599.99 *	471.48 *	346.27 *	251.61	178.36	127.73	87.25	49.47	25.95
-19.5	560.37 *	488.69 *	399.09 *	298.16	219.56	153.99	108.23	70.58	47.69	26.72
-22.5	418.10 *	369.77 *	311.05	243.02	183.90	132.80	88.69	58.97	44.72	21.31
-25.5	308.06	276.72	236.12	192.76	150.44	109.55	76.34	53.98	38.88	24.02
-29.0	218.14	195.03	170.81	143.45	116.24	88.69	61.91	55.48	38.46	18.95
-33.0	153.94	133.63	117.42	99.66	84.08	66.31	52.72	39.07	19.96	7.31
-37.5	101.20	90.88	76.53	65.40	55.48	44.92	34.36	27.92	13.11	1.21
-42.5	67.05	57.71	47.07	38.52	33.21	27.01	20.62	13.53	6.22	1.04
-47.5	43.19	37.88	29.89	22.50	18.43	14.89	11.56	6.94	2.53	10.04
-55.0	23.59	19.76	15.22	9.79	4.83	3.58	1.55	0.47	0.14	4.94
-65.0	0.00	0.00	0.00	0.00	0.00	0.40	1.22	8.05	10.98	5.06
-75.0	0.00	0.00	0.00	0.00	0.00	0.00	2.93	5.99	4.76	10.44
-85.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
-90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45

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	0.00	4.10	12.31	4.10	0.00
85.0	0.00	0.00	6.64	3.96	0.00
75.0	0.00	0.00	0.39	2.23	0.00
65.0	0.00	0.00	0.00	14.14	0.00
55.0	0.00	0.00	0.00	17.67	0.00
47.5	0.00	0.00	0.00	11.66	0.00
42.5	0.00	0.00	0.00	9.64	0.00
37.5	0.59	0.00	0.00	8.96	0.00
33.0	1.86	0.01	0.00	6.21	0.00
29.0	2.92	0.00	0.00	3.50	0.00
25.5	4.77	0.00	0.00	1.45	0.00
22.5	5.35	0.00	0.00	1.16	0.00
19.5	8.35	0.00	0.00	0.89	0.00
17.0	10.88	0.00	0.00	0.69	0.00
15.0	12.37	0.00	0.00	0.54	0.00
13.0	12.95	0.00	0.00	0.41	0.00
11.0	10.03	0.00	0.00	0.00	0.00
9.0	6.28	0.00	0.00	0.00	0.00

IES FLOOD REPORT
PHOTOMETRIC FILENAME : VRK-L1-740-N4-UNV-XX.IES

CANDELA TABULATION - (Cont.)

7.0	12.91	0.00	0.00	0.00	0.00
5.0	19.35	0.00	0.00	0.00	0.00
3.0	27.50	0.00	0.00	0.00	0.00
1.0	29.25	0.00	0.00	0.00	0.00
0.0	30.12	0.00	0.00	0.00	0.00
-1.0	29.23	0.00	0.00	0.00	0.00
-3.0	27.46	0.00	0.00	0.00	0.00
-5.0	19.31	0.00	0.00	0.00	0.00
-7.0	12.87	0.00	0.00	0.00	0.00
-9.0	6.26	0.00	0.00	0.00	0.00
-11.0	10.14	0.00	0.00	0.00	0.00
-13.0	13.26	0.00	0.00	0.41	0.00
-15.0	12.62	0.00	0.00	0.54	0.00
-17.0	10.90	0.00	0.00	0.69	0.00
-19.5	8.19	0.00	0.00	0.89	0.00
-22.5	5.95	0.00	0.00	1.16	0.00
-25.5	5.76	0.00	0.00	1.45	0.00
-29.0	3.44	0.00	0.00	3.50	0.00
-33.0	2.73	0.01	0.00	6.21	0.00
-37.5	7.17	0.42	0.00	8.96	0.00
-42.5	0.00	1.21	0.00	9.64	0.00
-47.5	3.60	0.41	0.00	11.66	0.00
-55.0	3.19	0.46	0.00	17.67	0.00
-65.0	2.31	2.72	0.00	14.14	0.00
-75.0	3.60	0.00	0.39	0.08	0.00
-85.0	1.60	1.01	0.00	0.00	0.00
-90.0	1.79	1.80	0.00	0.00	0.00

IES FLOOD REPORT
PHOTOMETRIC FILENAME : VRK-L1-740-N4-UNV-XX.IES

LUMEN TABULATION

Average Of Right And Left Sides

Total Luminaire Lumens (one side of beam only) = 551.65

Total Field Lumens (one side of beam only) = 454.49

* 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	0.01	0.01	0.02	0.03	0.04	0.04	0.04	0.03
55	0.02	0.04	0.04	0.04	0.04	0.05	0.07	0.08	0.08	0.08
47.5	0.07	0.13	0.12	0.10	0.09	0.08	0.10	0.10	0.10	0.12
42.5	0.09	0.19	0.18	0.17	0.15	0.13	0.13	0.13	0.13	0.15
37.5	0.17	0.34	0.33	0.30	0.28	0.26	0.24	0.23	0.22	0.25
33	0.26	0.52	0.51	0.48	0.45	0.42	0.39	0.37	0.34	0.38
29	0.38	0.74	0.71	0.67	0.63	0.58	0.54	0.51	0.46	0.50
25.5	0.52 *	1.01 *	0.94 *	0.86 *	0.80 *	0.76 *	0.70 *	0.64	0.57	0.60
22.5	0.65 *	1.24 *	1.15 *	1.05 *	0.98 *	0.92 *	0.84 *	0.75 *	0.65 *	0.67
19.5	0.89 *	1.70 *	1.56 *	1.44 *	1.35 *	1.26 *	1.13 *	0.98 *	0.83 *	0.85 *
17	0.97 *	1.84 *	1.69 *	1.58 *	1.48 *	1.35 *	1.19 *	1.01 *	0.85 *	0.88 *
15	0.95 *	1.80 *	1.66 *	1.56 *	1.46 *	1.31 *	1.12 *	0.95 *	0.80 *	0.84 *
13	1.12 *	2.12 *	1.97 *	1.86 *	1.71 *	1.50 *	1.28 *	1.09 *	0.93 *	0.97 *
11	1.30 *	2.45 *	2.30 *	2.17 *	1.96 *	1.69 *	1.45 *	1.26 *	1.08 *	1.11 *
9	1.48 *	2.80 *	2.64 *	2.47 *	2.18 *	1.90 *	1.66 *	1.44 *	1.22 *	1.22 *
7	1.64 *	3.14 *	2.96 *	2.72 *	2.40 *	2.13 *	1.87 *	1.59 *	1.32 *	1.31 *
5	1.78 *	3.43 *	3.23 *	2.94 *	2.65 *	2.35 *	2.02 *	1.69 *	1.38 *	1.37 *
3	1.89 *	3.64 *	3.43 *	3.15 *	2.83 *	2.46 *	2.09 *	1.75 *	1.45 *	1.44 *
1	1.96 *	3.77 *	3.56 *	3.28 *	2.93 *	2.55 *	2.18 *	1.84 *	1.53 *	1.53 *
0	1.00 *	1.93 *	1.82 *	1.67 *	1.50 *	1.32 *	1.13 *	0.96 *	0.79 *	0.79 *
-1	1.00 *	1.94 *	1.83 *	1.68 *	1.51 *	1.32 *	1.14 *	0.96 *	0.80 *	0.79 *
-3	1.97 *	3.82 *	3.57 *	3.27 *	2.94 *	2.58 *	2.23 *	1.88 *	1.56 *	1.56 *
	1.89 *	3.68 *	3.43 *	3.14 *	2.79 *	2.44 *	2.11 *	1.79 *	1.49 *	1.49 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : VRK-L1-740-N4-UNV-XX.IES

LUMENS TABULATION - (Cont.)

-5	1.78 *	3.45 *	3.24 *	2.99 *	2.64 *	2.28 *	1.95 *	1.65 *	1.38 *	1.39 *
-7	1.63 *	3.18 *	2.97 *	2.72 *	2.47 *	2.14 *	1.80 *	1.50 *	1.25 *	1.26 *
-9	1.45 *	2.87 *	2.69 *	2.43 *	2.21 *	1.96 *	1.67 *	1.38 *	1.13 *	1.14 *
-11	1.27 *	2.52 *	2.39 *	2.14 *	1.92 *	1.73 *	1.51 *	1.27 *	1.04 *	1.02 *
-13	1.09 *	2.17 *	2.06 *	1.87 *	1.65 *	1.48 *	1.31 *	1.13 *	0.94 *	0.93 *
-15	0.92 *	1.83 *	1.75 *	1.60 *	1.41 *	1.25 *	1.11 *	0.97 *	0.82 *	0.83 *
-17	0.93 *	1.85 *	1.80 *	1.66 *	1.46 *	1.28 *	1.13 *	1.00 *	0.86 *	0.89 *
-19.5	0.85 *	1.68 *	1.65 *	1.54 *	1.38 *	1.20 *	1.04 *	0.92 *	0.81 *	0.85 *
-22.5	0.61 *	1.22 *	1.19 *	1.13 *	1.02 *	0.90 *	0.78 *	0.68 *	0.60 *	0.65
-25.5	0.49 *	0.98 *	0.95 *	0.92 *	0.85 *	0.76 *	0.67	0.58	0.51	0.56
-29	0.36	0.72	0.71	0.69	0.66	0.60	0.54	0.47	0.41	0.45
-33	0.25	0.50	0.50	0.50	0.50	0.46	0.41	0.36	0.32	0.34
-37.5	0.16	0.33	0.34	0.34	0.34	0.32	0.29	0.26	0.23	0.25
-42.5	0.10	0.21	0.21	0.21	0.21	0.20	0.19	0.17	0.15	0.16
-47.5	0.10	0.19	0.19	0.19	0.18	0.18	0.18	0.16	0.14	0.14
-55	0.04	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.06	0.06
-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	34.04	66.06	62.35	57.64	52.12	46.24	40.34	34.63	29.25	29.83

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	0.01	0.03
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
75	0.05	0.06	0.05	0.03	0.03	0.01	0.00	0.00	0.00	0.00	0.00
65	0.12	0.12	0.10	0.09	0.05	0.01	0.00	0.00	0.00	0.00	0.00
55	0.16	0.16	0.14	0.12	0.06	0.02	0.01	0.00	0.00	0.00	0.00
47.5	0.18	0.16	0.15	0.12	0.08	0.05	0.02	0.01	0.00	0.00	0.00

IES FLOOD REPORT
PHOTOMETRIC FILENAME : VRK-L1-740-N4-UNV-XX.IES

LUMENS TABULATION - (Cont.)

42.5										
	0.27	0.22	0.20	0.17	0.13	0.09	0.05	0.02	0.00	0.00
37.5										
	0.38	0.31	0.28	0.23	0.18	0.12	0.07	0.03	0.00	0.00
33										
	0.49	0.39	0.35	0.29	0.23	0.15	0.08	0.04	0.01	0.00
29										
	0.58	0.45	0.41	0.34	0.26	0.17	0.09	0.05	0.01	0.00
25.5										
	0.64	0.50	0.45	0.37	0.27	0.18	0.09	0.05	0.01	0.00
22.5										
	0.81	0.63	0.55	0.44	0.32	0.20	0.10	0.06	0.02	0.00
19.5										
	0.84 *	0.64	0.55	0.42	0.30	0.19	0.10	0.06	0.02	0.00
17										
	0.79 *	0.60 *	0.50	0.37	0.26	0.16	0.08	0.06	0.02	0.00
15										
	0.91 *	0.67 *	0.54	0.40	0.27	0.17	0.09	0.06	0.02	0.00
13										
	1.01 *	0.73 *	0.58	0.43	0.29	0.18	0.09	0.06	0.02	0.00
11										
	1.10 *	0.78 *	0.62	0.45	0.31	0.19	0.10	0.06	0.01	0.00
9										
	1.16 *	0.82 *	0.65 *	0.48	0.32	0.20	0.10	0.06	0.01	0.00
7										
	1.22 *	0.86 *	0.69 *	0.50	0.34	0.21	0.11	0.07	0.02	0.00
5										
	1.29 *	0.92 *	0.73 *	0.53	0.35	0.22	0.11	0.09	0.04	0.00
3										
	1.36 *	0.96 *	0.76 *	0.54	0.36	0.22	0.12	0.09	0.04	0.00
1										
	0.70 *	0.49 *	0.39 *	0.28	0.18	0.11	0.06	0.05	0.02	0.00
0										
	0.70 *	0.49 *	0.39 *	0.28	0.18	0.11	0.06	0.05	0.02	0.00
-1										
	1.38 *	0.97 *	0.76 *	0.55	0.37	0.23	0.12	0.09	0.04	0.00
-3										
	1.33 *	0.94 *	0.74 *	0.53	0.36	0.22	0.11	0.09	0.04	0.00
-5										
	1.25 *	0.89 *	0.71 *	0.51	0.35	0.22	0.11	0.07	0.02	0.00
-7										
	1.15 *	0.83 *	0.66 *	0.48	0.34	0.21	0.10	0.06	0.01	0.00
-9										
	1.03 *	0.75 *	0.61	0.46	0.33	0.21	0.10	0.06	0.01	0.00
-11										
	0.92 *	0.67 *	0.55	0.43	0.31	0.20	0.09	0.06	0.02	0.00
-13										
	0.83 *	0.59 *	0.49	0.38	0.28	0.18	0.09	0.06	0.02	0.00
-15										
	0.74 *	0.53	0.43	0.34	0.25	0.17	0.08	0.06	0.02	0.00
-17										
	0.81 *	0.58	0.48	0.37	0.28	0.19	0.10	0.06	0.02	0.00
-19.5										
	0.80	0.59	0.49	0.38	0.27	0.19	0.11	0.07	0.02	0.00
-22.5										
	0.63	0.48	0.41	0.32	0.23	0.17	0.10	0.06	0.01	0.00

IES FLOOD REPORT
PHOTOMETRIC FILENAME : VRK-L1-740-N4-UNV-XX.IES

LUMENS TABULATION - (Cont.)

-25.5	0.55	0.44	0.39	0.31	0.24	0.19	0.11	0.07	0.01	0.00
-29	0.45	0.37	0.34	0.28	0.23	0.18	0.09	0.05	0.01	0.00
-33	0.34	0.29	0.27	0.23	0.19	0.13	0.05	0.03	0.02	0.00
-37.5	0.24	0.20	0.19	0.17	0.13	0.09	0.03	0.02	0.02	0.00
-42.5	0.15	0.12	0.11	0.10	0.07	0.04	0.03	0.03	0.01	0.00
-47.5	0.12	0.09	0.07	0.06	0.04	0.02	0.04	0.06	0.02	0.00
-55	0.05	0.03	0.02	0.02	0.03	0.06	0.06	0.06	0.03	0.01
-65	0.00	0.00	0.00	0.01	0.05	0.09	0.08	0.08	0.03	0.01
-75	0.00	0.00	0.00	0.01	0.02	0.03	0.04	0.06	0.02	0.00
-85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00
-90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00
Total	27.56	20.33	16.80	12.81	9.16	6.00	3.19	2.17	0.73	0.08

Vert. Angles	Horizontal Angles			Total
	75	85	90	
90	0.02	0.00	0.06	
85	0.02	0.00	0.04	
75	0.02	0.00	0.49	
65	0.04	0.01	1.08	
55	0.03	0.00	1.72	
47.5	0.01	0.00	2.22	
42.5	0.01	0.00	3.80	
37.5	0.01	0.00	5.74	
33	0.01	0.00	7.77	
29	0.00	0.00	9.77	
25.5	0.00	0.00	11.46	
22.5	0.00	0.00	15.13	
19.5	0.00	0.00	15.96	
17	0.00	0.00	15.28	
15	0.00	0.00	17.70	

IES FLOOD REPORT
PHOTOMETRIC FILENAME : VRK-L1-740-N4-UNV-XX.IES

LUMENS TABULATION - (Cont.)

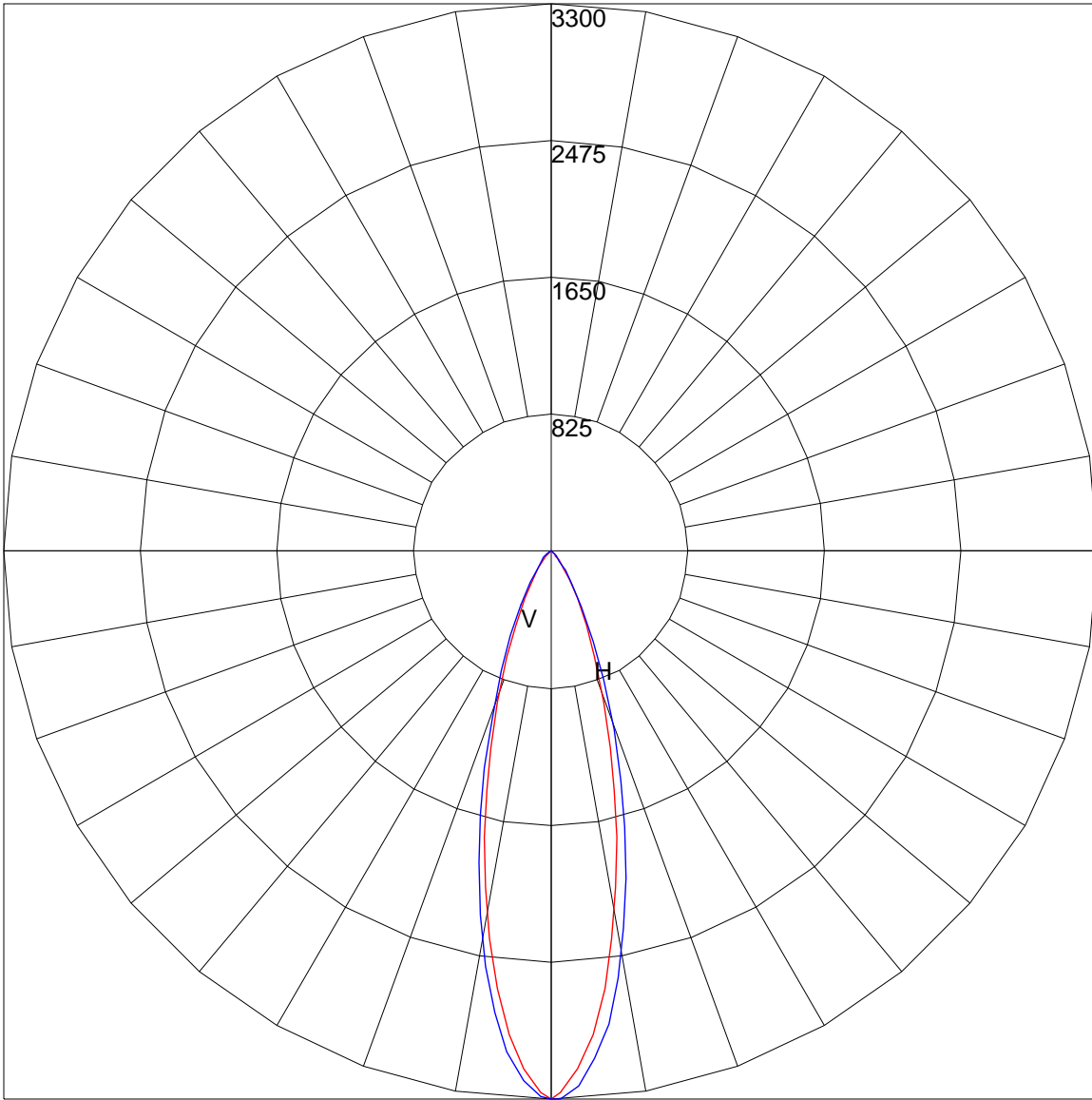
13	0.00	0.00	20.16
11	0.00	0.00	22.61
9	0.00	0.00	24.90
7	0.00	0.00	26.88
5	0.00	0.00	28.40
3	0.00	0.00	29.60
1	0.00	0.00	15.20
0	0.00	0.00	15.26
-1	0.00	0.00	29.88
-3	0.00	0.00	28.61
-5	0.00	0.00	26.90
-7	0.00	0.00	24.79
-9	0.00	0.00	22.49
-11	0.00	0.00	20.05
-13	0.00	0.00	17.53
-15	0.00	0.00	15.10
-17	0.00	0.00	15.73
-19.5	0.00	0.00	14.84
-22.5	0.00	0.00	11.21
-25.5	0.00	0.00	9.59
-29	0.01	0.00	7.63
-33	0.01	0.00	5.70
-37.5	0.01	0.00	3.97
-42.5	0.01	0.00	2.49
-47.5	0.03	0.00	2.20
-55	0.04	0.01	1.14
-65	0.02	0.00	0.37
-75	0.00	0.00	0.19

IES FLOOD REPORT
PHOTOMETRIC FILENAME : VRK-L1-740-N4-UNV-XX.IES

LUMENS TABULATION - (Cont.)

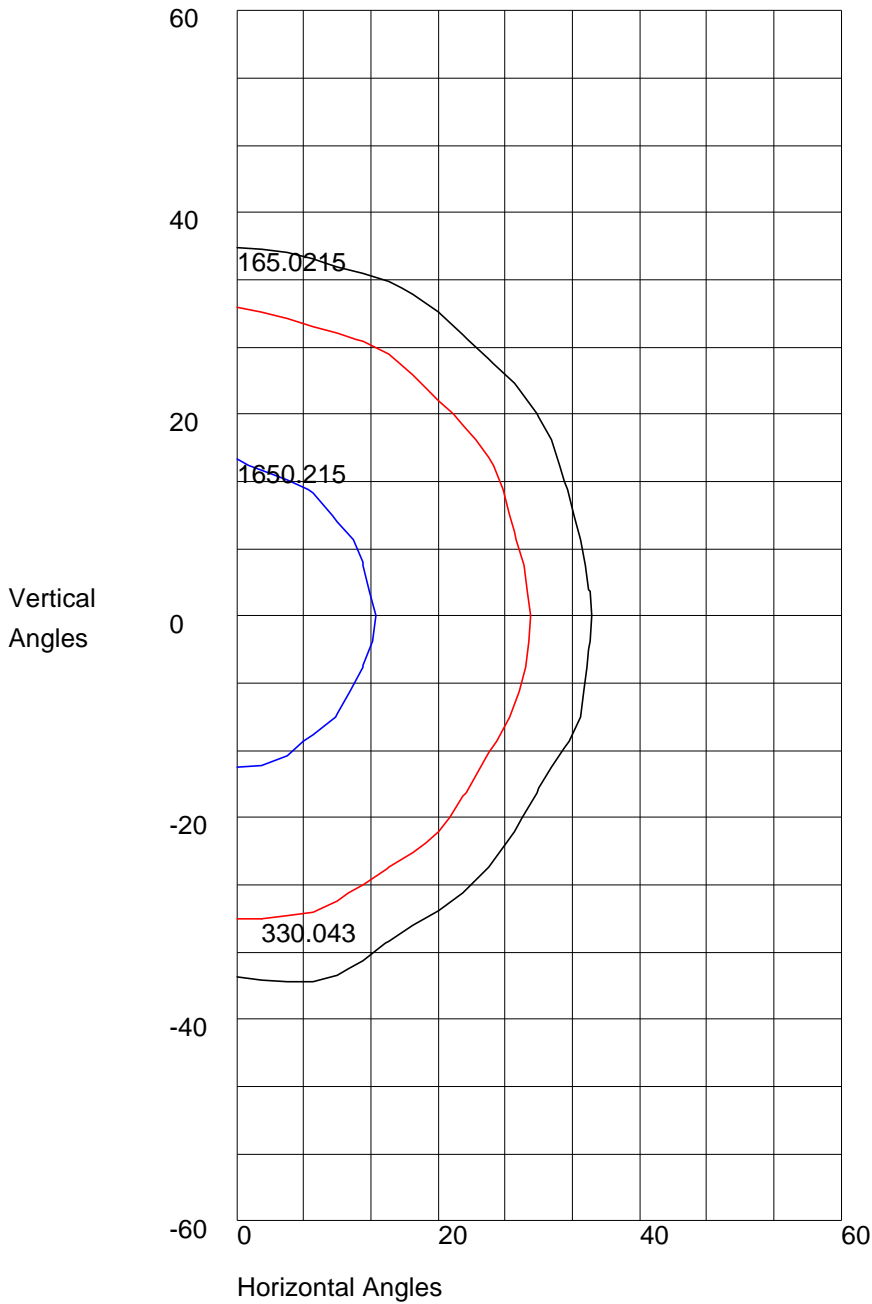
-85	0.00	0.00	0.02
-90			
Total	0.31	0.04	551.65

AXIAL CANDELA DISPLAY



Maximum Candela = 3300.43 Located At Horizontal Angle = 0, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 3300.43 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 1650.215
10% Maximum Candela = 330.043