

EYELITE®

from EYE Lighting

IES FLOOD REPORT

PHOTOMETRIC FILENAME : VRK-L2-740-N4-UNV-XX.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-79-08
[TEST] QC-2620 TEMPERATURE REPORT NO :QC-023874-01
[TESTLAB]
[TESTDATE] 2016-09-29
[ISSUEDATE] 2016-09-29
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-R3000(2M3D) SYSTEM
[MANUFAC] EYELITE
[LUMCAT] VRK-L2-740-N4-UNV-XX
[LUMINAIRE] 20W BULLET
[LAMP] 9*CREE XPG3 5000K
[BALLAST] 1*LP1020-28-C0700 14-28V/700mA
[LUMEN PER WATT] 98.85lm/W
[TEMPERATURE] 25.0jæ TEST 09:30~~~13:30

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

CHARACTERISTICS

NEMA Type	4 H x 4 V
Maximum Candela	4799.04
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	29.7
Vertical Beam Angle (50%)	33.0
Horizontal Field Angle (10%)	63.6
Vertical Field Angle (10%)	67.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	769
Beam Efficiency	N.A.
Field Lumens	1644
Field Efficiency	N.A.
Spill Lumens	269
Luminaire Lumens	1913
Total Efficiency	N.A.
Total Luminaire Watts	20
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	.54
55	17.57	55	27.96
47.5	67.01	47.5	90.59
42.5	130.74	42.5	162.11
37.5	253.95	37.5	295.77
33	418.39	33	471.98
29	621.95	29	692.98
25.5	950.73	25.5	1055.28
22.5	1232.54	22.5	1365.82
19.5	1557.94	19.5	1717.18
17	2010.72	17	2180.06
15	2372.95	15	2550.36
13	2735.17	13	2920.65
11	3097.4	11	3290.95
9	3430.56	9	3608.39
7	3734.67	7	3872.98
5	4038.78	5	4137.57
3	4342.88	3	4402.16
1	4646.99	1	4666.75
0	4799.04	0	4799.04
-1	4646.99	-1	4697.89
-3	4342.88	-3	4495.59
-5	4038.78	-5	4293.29
-7	3734.67	-7	4090.99
-9	3430.56	-9	3888.69
-11	3097.4	-11	3593.42
-13	2735.17	-13	3205.18
-15	2372.95	-15	2816.95
-17	2010.72	-17	2428.71
-19.5	1557.94	-19.5	1943.41
-22.5	1232.54	-22.5	1555.54
-25.5	950.73	-25.5	1206.57
-29	621.95	-29	799.44
-33	418.39	-33	539.98
-37.5	253.95	-37.5	325.27
-42.5	130.74	-42.5	168.03
-47.5	67.01	-47.5	92.13
-55	17.57	-55	27.09
-65	0	-65	0
-75	0	-75	0
-85	0	-85	0
-90	0	-90	0

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CANDELA TABULATION

Maximum Candela = 4799.04
 Beam Edge = 2399.52 Cd (50% of Max.)
 Field Edge = 479.904 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	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.46
55.0	0.00	0.00	0.00	0.00	0.00	0.48	1.15	1.19	1.37	2.91
47.5	0.00	0.00	0.00	0.00	0.10	0.73	2.19	15.29	26.09	36.46
42.5	0.00	0.00	0.00	0.00	0.32	0.44	17.19	34.32	46.65	58.11
37.5	0.00	0.00	0.00	0.00	0.66	12.07	30.84	51.09	80.02	107.63
33.0	0.00	0.00	0.00	0.04	1.09	22.82	41.17	76.31	121.69	152.26
29.0	0.00	0.00	0.00	0.06	1.73	31.58	51.80	101.41	150.03	192.75
25.5	0.00	0.00	0.00	0.04	6.53	38.55	72.83	121.46	170.52	275.23
22.5	0.00	0.00	0.00	0.00	10.00	43.48	90.41	142.68	204.58	336.01
19.5	0.00	0.00	0.00	0.00	12.87	46.54	107.37	163.70	264.34	386.15
17.0	0.00	0.00	0.00	0.00	14.82	50.58	115.76	180.88	313.32	435.54
15.0	0.00	0.00	0.00	0.00	16.07	55.88	121.06	189.78	350.44	479.08
13.0	0.00	0.00	0.00	0.00	17.08	60.19	125.12	208.68	380.07	520.72 *
11.0	0.00	0.00	0.00	0.00	17.82	63.61	127.96	223.72	395.23	552.03 *
9.0	0.00	0.00	0.00	0.00	18.30	66.00	129.80	234.91	405.68	561.60 *
7.0	0.00	0.00	0.00	0.00	18.52	67.66	131.72	243.60	411.44	579.92 *
5.0	0.00	0.00	0.00	0.00	18.51	68.50	132.66	250.83	417.59	602.90 *
3.0	0.00	0.00	0.00	0.00	18.28	68.52	132.63	254.63	420.94	619.79 *
1.0	0.00	0.00	0.00	0.00	17.85	67.71	131.61	255.02	420.24	624.26 *
0.0	0.00	0.00	0.00	0.00	17.57	67.01	130.74	253.95	418.39	621.95 *
-1.0	0.00	0.00	0.00	0.00	17.91	67.90	131.90	256.34	423.78	630.62 *
-3.0	0.00	0.00	0.00	0.00	18.46	69.07	133.49	258.48	431.41	638.56 *
-5.0	0.00	0.00	0.00	0.00	18.80	69.42	134.09	256.88	434.49	633.19 *
-7.0	0.00	0.00	0.00	0.00	18.91	68.92	133.69	251.33	428.81	593.11 *
-9.0	0.00	0.00	0.00	0.00	18.78	67.59	132.29	236.59	404.80	548.28 *
-11.0	0.00	0.00	0.00	0.00	18.38	65.43	126.02	215.56	377.75	514.66 *
-13.0	0.00	0.00	0.00	0.00	17.69	59.23	118.25	191.93	348.02	494.60 *
-15.0	0.00	0.00	0.00	0.00	16.52	52.19	109.73	165.94	324.59	476.42
-17.0	0.00	0.00	0.00	0.00	14.45	44.50	100.48	156.27	300.92	451.94
-19.5	0.00	0.00	0.00	0.00	11.71	37.91	88.00	147.34	264.25	405.75
-22.5	0.00	0.00	0.00	0.00	8.27	32.52	76.22	134.17	208.63	328.79
-25.5	0.00	0.00	0.00	0.00	4.70	28.76	62.28	118.44	161.37	250.77
-29.0	0.00	0.00	0.00	0.00	0.42	24.44	43.45	93.18	131.48	166.72
-33.0	0.00	0.00	0.00	0.00	0.00	18.36	34.49	61.37	96.23	135.68
-37.5	0.00	0.00	0.00	0.00	0.00	10.15	23.29	33.30	60.64	95.75
-42.5	0.00	0.00	0.00	0.00	0.00	0.00	11.22	21.32	32.58	44.15
-47.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.24	18.65	25.60
-55.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44
-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

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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	0.58	0.46	0.24	0.33	0.69	1.09	1.51	1.93	1.66	1.36
55.0	9.82	13.68	16.77	18.81	21.73	24.84	27.75	30.44	31.24	30.69
47.5	45.93	53.13	56.76	61.23	66.81	75.08	82.75	89.75	94.93	94.94
42.5	82.34	103.63	119.77	128.65	134.35	141.46	151.59	161.00	169.59	169.59
37.5	133.00	159.58	186.84	197.05	203.60	222.38	245.74	269.70	291.23	301.76
33.0	175.33	222.52	292.75	345.63	369.18	387.64	403.35	435.20	464.55	485.08 *
29.0	272.57	333.87	411.23	477.65	520.56 *	539.07 *	551.42 *	575.24 *	628.64 *	688.78 *
25.5	375.57	442.43	502.47 *	577.35 *	679.95 *	777.76 *	838.75 *	883.60 *	970.21 *	1050.45 *
22.5	454.76	536.43 *	630.35 *	775.10 *	914.42 *	1052.88 *	1135.59 *	1181.83 *	1248.86 *	1350.17 *
19.5	509.97 *	654.44 *	861.55 *	1001.74 *	1118.37 *	1275.95 *	1433.95 *	1487.27 *	1513.08 *	1636.01 *
17.0	545.83 *	783.05 *	1045.13 *	1205.11 *	1309.45 *	1432.39 *	1609.61 *	1816.60 *	1910.59 *	2046.15 *
15.0	621.31 *	868.68 *	1139.51 *	1367.21 *	1480.99 *	1596.45 *	1851.31 *	2134.59 *	2276.20 *	2367.35 *
13.0	725.29 *	960.52 *	1214.79 *	1454.75 *	1674.00 *	1902.09 *	2100.50 *	2388.96 *	2645.60 *	2706.72 *
11.0	824.13 *	1076.36 *	1303.60 *	1513.89 *	1845.67 *	2187.26 *	2418.19 *	2610.41 *	2938.63 *	3089.42 *
9.0	893.51 *	1186.83 *	1435.19 *	1691.63 *	1981.89 *	2340.59 *	2697.18 *	2936.20 *	3151.15 *	3483.60 *
7.0	925.76 *	1228.83 *	1540.35 *	1907.88 *	2215.34 *	2504.83 *	2823.73 *	3200.18 *	3450.35 *	3638.89 *
5.0	941.68 *	1240.28 *	1546.33 *	2003.36 *	2380.87 *	2746.91 *	3045.90 *	3315.88 *	3619.85 *	3834.23 *
3.0	955.41 *	1245.01 *	1561.02 *	2017.12 *	2389.63 *	2769.21 *	3156.82 *	3530.19 *	3768.11 *	3963.34 *
1.0	955.84 *	1240.81 *	1567.98 *	2023.33 *	2388.22 *	2753.92 *	3120.87 *	3457.98 *	3759.85 *	4065.22 *
0.0	950.73 *	1232.54 *	1557.94 *	2010.72 *	2372.95 *	2735.17 *	3097.40 *	3430.56 *	3734.67 *	4038.78 *
-1.0	965.90 *	1255.04 *	1587.62 *	2048.56 *	2419.27 *	2792.58 *	3169.87 *	3514.18 *	3816.31 *	4098.88 *
-3.0	985.15 *	1287.03 *	1619.04 *	2091.48 *	2449.17 *	2793.35 *	3126.81 *	3423.37 *	3722.39 *	4042.02 *
-5.0	983.79 *	1268.50 *	1543.21 *	1959.02 *	2289.25 *	2625.00 *	3021.38 *	3434.39 *	3645.47 *	3882.29 *
-7.0	919.84 *	1189.30 *	1445.01 *	1827.98 *	2203.98 *	2586.68 *	2923.45 *	3176.19 *	3514.48 *	3728.94 *
-9.0	845.63 *	1111.01 *	1413.39 *	1749.27 *	2111.30 *	2388.04 *	2640.76 *	2987.33 *	3314.30 *	3460.57 *
-11.0	784.05 *	1074.49 *	1377.86 *	1598.71 *	1858.20 *	2110.83 *	2454.68 *	2797.41 *	2954.16 *	3206.99 *
-13.0	729.15 *	1017.94 *	1273.06 *	1444.39 *	1585.38 *	1923.58 *	2255.53 *	2453.72 *	2626.67 *	2915.10 *
-15.0	657.81 *	913.99 *	1130.01 *	1292.56 *	1487.92 *	1712.52 *	1945.21 *	2103.35 *	2343.41 *	2562.72 *
-17.0	576.40 *	782.09 *	983.54 *	1199.56 *	1385.01 *	1538.36 *	1619.68 *	1787.01 *	2037.20 *	2178.27 *
-19.5	505.30 *	611.77 *	843.17 *	1052.63 *	1202.16 *	1295.54 *	1369.54 *	1527.11 *	1685.22 *	1709.03 *
-22.5	419.72	509.66 *	647.96 *	821.60 *	922.30 *	1007.05 *	1129.84 *	1267.08 *	1355.19 *	1377.10 *
-25.5	347.51	440.61	529.98 *	572.25 *	643.21 *	745.24 *	866.26 *	981.63 *	1026.23 *	1050.48 *
-29.0	261.74	346.67	405.26	443.54	478.65	533.77 *	588.64 *	622.56 *	647.38 *	674.00 *
-33.0	171.42	212.86	263.09	302.16	346.69	390.74	431.26	447.18	457.76	470.33
-37.5	121.92	136.24	146.89	165.09	180.44	213.36	236.66	253.08	265.09	281.70
-42.5	63.94	77.62	93.89	109.50	121.47	130.29	134.49	137.70	139.91	148.48
-47.5	30.14	34.15	41.83	50.57	60.16	64.34	67.73	70.28	73.09	79.52
-55.0	4.58	9.00	13.61	17.49	18.85	19.51	19.89	19.99	21.18	23.10
-65.0	0.11	0.33	0.61	0.67	0.54	0.38	0.19	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	1.04	0.71	0.54	0.71	1.04	1.36	1.66	1.93	1.51	1.09

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55.0	29.81	28.64	27.96	28.64	29.81	30.69	31.24	30.44	27.75	24.84
47.5	93.93	91.94	90.59	91.94	93.93	94.94	94.93	89.75	82.75	75.08
42.5	167.48	164.18	162.11	164.18	167.48	169.59	169.59	161.00	151.59	141.46
37.5	302.20	298.83	295.77	298.83	302.20	301.76	291.23	269.70	245.74	222.38
33.0	483.23 *	476.83	471.98	476.83	483.23 *	485.08 *	464.55	435.20	403.35	387.64
29.0	702.23 *	699.45 *	692.98 *	699.45 *	702.23 *	688.78 *	628.64 *	575.24 *	551.42 *	539.07 *
25.5	1076.84 *	1066.45 *	1055.28 *	1066.45 *	1076.84 *	1050.45 *	970.21 *	883.60 *	838.75 *	777.76 *
22.5	1400.84 *	1382.13 *	1365.82 *	1382.13 *	1400.84 *	1350.17 *	1248.86 *	1181.83 *	1135.59 *	1052.88 *
19.5	1751.08 *	1737.86 *	1717.18 *	1737.86 *	1751.08 *	1636.01 *	1513.08 *	1487.27 *	1433.95 *	1275.95 *
17.0	2221.05 *	2205.92 *	2180.06 *	2205.92 *	2221.05 *	2046.15 *	1910.59 *	1816.60 *	1609.61 *	1432.39 *
15.0	2570.35 *	2581.61 *	2550.36 *	2581.61 *	2570.35 *	2367.35 *	2276.20 *	2134.59 *	1851.31 *	1596.45 *
13.0	2908.90 *	2958.96 *	2920.65 *	2958.96 *	2908.90 *	2706.72 *	2645.60 *	2388.96 *	2100.50 *	1902.09 *
11.0	3231.24 *	3338.88 *	3290.95 *	3338.88 *	3231.24 *	3089.42 *	2938.63 *	2610.41 *	2418.19 *	2187.26 *
9.0	3503.42 *	3664.79 *	3608.39 *	3664.79 *	3503.42 *	3483.60 *	3151.15 *	2936.20 *	2697.18 *	2340.59 *
7.0	3773.94 *	3927.27 *	3872.98 *	3927.27 *	3773.94 *	3638.89 *	3450.35 *	3200.18 *	2823.73 *	2504.83 *
5.0	4059.49 *	4168.62 *	4137.57 *	4168.62 *	4059.49 *	3834.23 *	3619.85 *	3315.88 *	3045.90 *	2746.91 *
3.0	4219.57 *	4367.45 *	4402.16 *	4367.45 *	4219.57 *	3963.34 *	3768.11 *	3530.19 *	3156.82 *	2769.21 *
1.0	4376.54 *	4605.79 *	4666.75 *	4605.79 *	4376.54 *	4065.22 *	3759.85 *	3457.98 *	3120.87 *	2753.92 *
0.0	4342.88 *	4646.99 *	4799.04 *	4646.99 *	4342.88 *	4038.78 *	3734.67 *	3430.56 *	3097.40 *	2735.17 *
-1.0	4339.85 *	4615.85 *	4697.89 *	4615.85 *	4339.85 *	4098.88 *	3816.31 *	3514.18 *	3169.87 *	2792.58 *
-3.0	4249.31 *	4443.67 *	4495.59 *	4443.67 *	4249.31 *	4042.02 *	3722.39 *	3423.37 *	3126.81 *	2793.35 *
-5.0	4047.34 *	4186.71 *	4293.29 *	4186.71 *	4047.34 *	3882.29 *	3645.47 *	3434.39 *	3021.38 *	2625.00 *
-7.0	3908.44 *	3966.39 *	4090.99 *	3966.39 *	3908.44 *	3728.94 *	3514.48 *	3176.19 *	2923.45 *	2586.68 *
-9.0	3734.12 *	3765.65 *	3888.69 *	3765.65 *	3734.12 *	3460.57 *	3314.30 *	2987.33 *	2640.76 *	2388.04 *
-11.0	3374.20 *	3480.41 *	3593.42 *	3480.41 *	3374.20 *	3206.99 *	2954.16 *	2797.41 *	2454.68 *	2110.83 *
-13.0	2980.52 *	3112.86 *	3205.18 *	3112.86 *	2980.52 *	2915.10 *	2626.67 *	2453.72 *	2255.53 *	1923.58 *
-15.0	2591.67 *	2739.82 *	2816.95 *	2739.82 *	2591.67 *	2562.72 *	2343.41 *	2103.35 *	1945.21 *	1712.52 *
-17.0	2206.05 *	2363.21 *	2428.71 *	2363.21 *	2206.05 *	2178.27 *	2037.20 *	1787.01 *	1619.68 *	1538.36 *
-19.5	1753.67 *	1889.10 *	1943.41 *	1889.10 *	1753.67 *	1709.03 *	1685.22 *	1527.11 *	1369.54 *	1295.54 *
-22.5	1424.52 *	1516.18 *	1555.54 *	1516.18 *	1424.52 *	1377.10 *	1355.19 *	1267.08 *	1129.84 *	1007.05 *
-25.5	1108.62 *	1177.77 *	1206.57 *	1177.77 *	1108.62 *	1050.48 *	1026.23 *	981.63 *	866.26 *	745.24 *
-29.0	731.81 *	780.27 *	799.44 *	780.27 *	731.81 *	674.00 *	647.38 *	622.56 *	588.64 *	533.77 *
-33.0	501.29 *	528.24 *	539.98 *	528.24 *	501.29 *	470.33	457.76	447.18	431.26	390.74
-37.5	301.87	318.47	325.27	318.47	301.87	281.70	265.09	253.08	236.66	213.36
-42.5	157.04	164.64	168.03	164.64	157.04	148.48	139.91	137.70	134.49	130.29
-47.5	85.20	90.05	92.13	90.05	85.20	79.52	73.09	70.28	67.73	64.34
-55.0	24.86	26.40	27.09	26.40	24.86	23.10	21.18	19.99	19.89	19.51
-65.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.38
-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	0.69	0.33	0.24	0.46	0.58	0.46	0.15	0.00	0.00	0.00
55.0	21.73	18.81	16.77	13.68	9.82	2.91	1.37	1.19	1.15	0.48
47.5	66.81	61.23	56.76	53.13	45.93	36.46	26.09	15.29	2.19	0.73
42.5	134.35	128.65	119.77	103.63	82.34	58.11	46.65	34.32	17.19	0.44
37.5	203.60	197.05	186.84	159.58	133.00	107.63	80.02	51.09	30.84	12.07
33.0	369.18	345.63	292.75	222.52	175.33	152.26	121.69	76.31	41.17	22.82
29.0	520.56 *	477.65	411.23	333.87	272.57	192.75	150.03	101.41	51.80	31.58
25.5	679.95 *	577.35 *	502.47 *	442.43	375.57	275.23	170.52	121.46	72.83	38.55

IES FLOOD REPORT
PHOTOMETRIC FILENAME : VRK-L2-740-N4-UNV-XX.IES

CANDELA TABULATION - (Cont.)

22.5	914.42 *	775.10 *	630.35 *	536.43 *	454.76	336.01	204.58	142.68	90.41	43.48
19.5	1118.37 *	1001.74 *	861.55 *	654.44 *	509.97 *	386.15	264.34	163.70	107.37	46.54
17.0	1309.45 *	1205.11 *	1045.13 *	783.05 *	545.83 *	435.54	313.32	180.88	115.76	50.58
15.0	1480.99 *	1367.21 *	1139.51 *	868.68 *	621.31 *	479.08	350.44	189.78	121.06	55.88
13.0	1674.00 *	1454.75 *	1214.79 *	960.52 *	725.29 *	520.72 *	380.07	208.68	125.12	60.19
11.0	1845.67 *	1513.89 *	1303.60 *	1076.36 *	824.13 *	552.03 *	395.23	223.72	127.96	63.61
9.0	1981.89 *	1691.63 *	1435.19 *	1186.83 *	893.51 *	561.60 *	405.68	234.91	129.80	66.00
7.0	2215.34 *	1907.88 *	1540.35 *	1228.83 *	925.76 *	579.92 *	411.44	243.60	131.72	67.66
5.0	2380.87 *	2003.36 *	1546.33 *	1240.28 *	941.68 *	602.90 *	417.59	250.83	132.66	68.50
3.0	2389.63 *	2017.12 *	1561.02 *	1245.01 *	955.41 *	619.79 *	420.94	254.63	132.63	68.52
1.0	2388.22 *	2023.33 *	1567.98 *	1240.81 *	955.84 *	624.26 *	420.24	255.02	131.61	67.71
0.0	2372.95 *	2010.72 *	1557.94 *	1232.54 *	950.73 *	621.95 *	418.39	253.95	130.74	67.01
-1.0	2419.27 *	2048.56 *	1587.62 *	1255.04 *	965.90 *	630.62 *	423.78	256.34	131.90	67.90
-3.0	2449.17 *	2091.48 *	1619.04 *	1287.03 *	985.15 *	638.56 *	431.41	258.48	133.49	69.07
-5.0	2289.25 *	1959.02 *	1543.21 *	1268.50 *	983.79 *	633.19 *	434.49	256.88	134.09	69.42
-7.0	2203.98 *	1827.98 *	1445.01 *	1189.30 *	919.84 *	593.11 *	428.81	251.33	133.69	68.92
-9.0	2111.30 *	1749.27 *	1413.39 *	1111.01 *	845.63 *	548.28 *	404.80	236.59	132.29	67.59
-11.0	1858.20 *	1598.71 *	1377.86 *	1074.49 *	784.05 *	514.66 *	377.75	215.56	126.02	65.43
-13.0	1585.38 *	1444.39 *	1273.06 *	1017.94 *	729.15 *	494.60 *	348.02	191.93	118.25	59.23
-15.0	1487.92 *	1292.56 *	1130.01 *	913.99 *	657.81 *	476.42	324.59	165.94	109.73	52.19
-17.0	1385.01 *	1199.56 *	983.54 *	782.09 *	576.40 *	451.94	300.92	156.27	100.48	44.50
-19.5	1202.16 *	1052.63 *	843.17 *	611.77 *	505.30 *	405.75	264.25	147.34	88.00	37.91
-22.5	922.30 *	821.60 *	647.96 *	509.66 *	419.72	328.79	208.63	134.17	76.22	32.52
-25.5	643.21 *	572.25 *	529.98 *	440.61	347.51	250.77	161.37	118.44	62.28	28.76
-29.0	478.65	443.54	405.26	346.67	261.74	166.72	131.48	93.18	43.45	24.44
-33.0	346.69	302.16	263.09	212.86	171.42	135.68	96.23	61.37	34.49	18.36
-37.5	180.44	165.09	146.89	136.24	121.92	95.75	60.64	33.30	23.29	10.15
-42.5	121.47	109.50	93.89	77.62	63.94	44.15	32.58	21.32	11.22	0.00
-47.5	60.16	50.57	41.83	34.15	30.14	25.60	18.65	9.24	0.00	0.00
-55.0	18.85	17.49	13.61	9.00	4.58	0.44	0.00	0.00	0.00	0.00
-65.0	0.54	0.67	0.61	0.33	0.11	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>55.0</u>	<u>65.0</u>	<u>75.0</u>	<u>85.0</u>	<u>90.0</u>
90.0	0.00	0.00	0.00	0.00	0.00
85.0	0.00	0.00	0.00	0.00	0.00
75.0	0.00	0.00	0.00	0.00	0.00
65.0	0.00	0.00	0.00	0.00	0.00
55.0	0.00	0.00	0.00	0.00	0.00
47.5	0.10	0.00	0.00	0.00	0.00
42.5	0.32	0.00	0.00	0.00	0.00
37.5	0.66	0.00	0.00	0.00	0.00
33.0	1.09	0.04	0.00	0.00	0.00
29.0	1.73	0.06	0.00	0.00	0.00
25.5	6.53	0.04	0.00	0.00	0.00
22.5	10.00	0.00	0.00	0.00	0.00
19.5	12.87	0.00	0.00	0.00	0.00
17.0	14.82	0.00	0.00	0.00	0.00
15.0	16.07	0.00	0.00	0.00	0.00
13.0	17.08	0.00	0.00	0.00	0.00
11.0	17.82	0.00	0.00	0.00	0.00
9.0	18.30	0.00	0.00	0.00	0.00

IES FLOOD REPORT
PHOTOMETRIC FILENAME : VRK-L2-740-N4-UNV-XX.IES

CANDELA TABULATION - (Cont.)

7.0	18.52	0.00	0.00	0.00	0.00
5.0	18.51	0.00	0.00	0.00	0.00
3.0	18.28	0.00	0.00	0.00	0.00
1.0	17.85	0.00	0.00	0.00	0.00
0.0	17.57	0.00	0.00	0.00	0.00
-1.0	17.91	0.00	0.00	0.00	0.00
-3.0	18.46	0.00	0.00	0.00	0.00
-5.0	18.80	0.00	0.00	0.00	0.00
-7.0	18.91	0.00	0.00	0.00	0.00
-9.0	18.78	0.00	0.00	0.00	0.00
-11.0	18.38	0.00	0.00	0.00	0.00
-13.0	17.69	0.00	0.00	0.00	0.00
-15.0	16.52	0.00	0.00	0.00	0.00
-17.0	14.45	0.00	0.00	0.00	0.00
-19.5	11.71	0.00	0.00	0.00	0.00
-22.5	8.27	0.00	0.00	0.00	0.00
-25.5	4.70	0.00	0.00	0.00	0.00
-29.0	0.42	0.00	0.00	0.00	0.00
-33.0	0.00	0.00	0.00	0.00	0.00
-37.5	0.00	0.00	0.00	0.00	0.00
-42.5	0.00	0.00	0.00	0.00	0.00
-47.5	0.00	0.00	0.00	0.00	0.00
-55.0	0.00	0.00	0.00	0.00	0.00
-65.0	0.00	0.00	0.00	0.00	0.00
-75.0	0.00	0.00	0.00	0.00	0.00
-85.0	0.00	0.00	0.00	0.00	0.00
-90.0	0.00	0.00	0.00	0.00	0.00

IES FLOOD REPORT
PHOTOMETRIC FILENAME : VRK-L2-740-N4-UNV-XX.IES

LUMEN TABULATION

Average Of Right And Left Sides
 Total Luminaire Lumens (one side of beam only) = 956.65
 Total Field Lumens (one side of beam only) = 822.02
 * 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	0.01	0.01	0.00	0.00	0.00	0.00
55	0.04	0.09	0.10	0.10	0.10	0.09	0.08	0.07	0.06	0.07
47.5	0.14	0.28	0.28	0.29	0.28	0.26	0.24	0.21	0.19	0.21
42.5	0.19	0.39	0.40	0.40	0.39	0.36	0.34	0.31	0.29	0.33
37.5	0.35	0.71	0.71	0.71	0.67	0.62	0.57	0.52	0.49	0.57
33	0.53	1.07	1.07	1.05	0.99	0.91	0.84	0.79	0.73	0.83
29	0.71 *	1.44 *	1.43 *	1.37 *	1.27 *	1.18 *	1.12	1.07	1.00	1.10
25.5	0.94 *	1.89 *	1.87 *	1.77 *	1.61 *	1.50 *	1.41 *	1.30 *	1.16 *	1.25 *
22.5	1.11 *	2.25 *	2.22 *	2.10 *	1.94 *	1.82 *	1.70 *	1.52 *	1.29 *	1.35 *
19.5	1.42 *	2.86 *	2.80 *	2.61 *	2.46 *	2.36 *	2.19 *	1.93 *	1.67 *	1.77 *
17	1.49 *	3.01 *	2.91 *	2.69 *	2.54 *	2.38 *	2.14 *	1.90 *	1.70 *	1.86 *
15	1.45 *	2.92 *	2.80 *	2.61 *	2.45 *	2.22 *	1.93 *	1.72 *	1.57 *	1.72 *
13	1.68 *	3.35 *	3.21 *	3.03 *	2.85 *	2.54 *	2.22 *	1.97 *	1.75 *	1.87 *
11	1.91 *	3.79 *	3.63 *	3.45 *	3.19 *	2.86 *	2.56 *	2.25 *	1.90 *	1.98 *
9	2.12 *	4.18 *	4.04 *	3.84 *	3.51 *	3.20 *	2.87 *	2.47 *	2.06 *	2.15 *
7	2.30 *	4.53 *	4.38 *	4.16 *	3.84 *	3.50 *	3.09 *	2.67 *	2.28 *	2.38 *
5	2.45 *	4.85 *	4.65 *	4.41 *	4.10 *	3.72 *	3.31 *	2.91 *	2.49 *	2.53 *
3	2.60 *	5.12 *	4.89 *	4.60 *	4.29 *	3.91 *	3.49 *	3.04 *	2.57 *	2.58 *
1	2.75 *	5.35 *	5.05 *	4.71 *	4.38 *	3.98 *	3.52 *	3.04 *	2.58 *	2.59 *
0	1.43 *	2.74 *	2.56 *	2.36 *	2.17 *	1.97 *	1.74 *	1.51 *	1.29 *	1.29 *
-1	1.43 *	2.73 *	2.56 *	2.38 *	2.19 *	1.98 *	1.76 *	1.53 *	1.30 *	1.30 *
-3	2.78 *	5.37 *	5.08 *	4.75 *	4.37 *	3.97 *	3.54 *	3.09 *	2.64 *	2.66 *
	2.65 *	5.15 *	4.93 *	4.63 *	4.29 *	3.90 *	3.45 *	3.00 *	2.57 *	2.61 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : VRK-L2-740-N4-UNV-XX.IES

LUMENS TABULATION - (Cont.)

-5	2.52 *	4.90 *	4.73 *	4.47 *	4.15 *	3.77 *	3.32 *	2.87 *	2.42 *	2.45 *
-7	2.39 *	4.68 *	4.51 *	4.25 *	3.92 *	3.52 *	3.14 *	2.75 *	2.31 *	2.33 *
-9	2.24 *	4.37 *	4.19 *	3.92 *	3.64 *	3.26 *	2.86 *	2.50 *	2.14 *	2.22 *
-11	2.04 *	3.94 *	3.79 *	3.55 *	3.27 *	2.99 *	2.61 *	2.21 *	1.90 *	2.06 *
-13	1.81 *	3.48 *	3.36 *	3.17 *	2.87 *	2.63 *	2.33 *	1.98 *	1.70 *	1.86 *
-15	1.58 *	3.01 *	2.90 *	2.76 *	2.49 *	2.24 *	2.03 *	1.81 *	1.57 *	1.67 *
-17	1.64 *	3.12 *	2.98 *	2.88 *	2.65 *	2.36 *	2.17 *	2.00 *	1.77 *	1.84 *
-19.5	1.58 *	3.01 *	2.86 *	2.78 *	2.64 *	2.38 *	2.15 *	1.96 *	1.76 *	1.83 *
-22.5	1.25 *	2.39 *	2.26 *	2.19 *	2.09 *	1.91 *	1.68 *	1.47 *	1.30 *	1.39 *
-25.5	1.06 *	2.02 *	1.90 *	1.80 *	1.73 *	1.61 *	1.43 *	1.24 *	1.10 *	1.23 *
-29	0.81 *	1.55 *	1.44 *	1.36 *	1.31 *	1.25 *	1.16 *	1.03	0.92	1.02
-33	0.59	1.13	1.06	1.01	0.97	0.92	0.85	0.75	0.66	0.71
-37.5	0.37	0.72	0.68	0.63	0.60	0.57	0.53	0.48	0.42	0.47
-42.5	0.20	0.38	0.36	0.33	0.32	0.31	0.30	0.28	0.25	0.27
-47.5	0.13	0.26	0.24	0.22	0.21	0.20	0.19	0.18	0.16	0.17
-55	0.04	0.08	0.07	0.07	0.06	0.06	0.06	0.06	0.05	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	52.70	103.11	98.89	93.40	86.81	79.21	70.92	62.41	54.02	56.58

Vert. Horizontal Angles

Angles	<u>19.5</u>	<u>22.5</u>	<u>25.5</u>	<u>29</u>	<u>33</u>	<u>37.5</u>	<u>42.5</u>	<u>47.5</u>	<u>55</u>	<u>65</u>
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	0.07	0.05	0.03	0.01	0.01	0.01	0.00	0.00	0.00	0.00
55	0.22	0.19	0.17	0.13	0.09	0.04	0.01	0.00	0.00	0.00
47.5	0.36	0.30	0.26	0.22	0.17	0.10	0.03	0.00	0.00	0.00

IES FLOOD REPORT
PHOTOMETRIC FILENAME : VRK-L2-740-N4-UNV-XX.IES

LUMENS TABULATION - (Cont.)

42.5										
	0.61	0.50	0.45	0.38	0.30	0.19	0.08	0.02	0.00	0.00
37.5										
	0.83	0.65	0.61	0.54	0.41	0.26	0.13	0.06	0.00	0.00
33										
	1.08	0.84	0.75	0.64	0.50	0.32	0.16	0.08	0.00	0.00
29										
	1.26	1.04	0.93	0.72	0.53	0.35	0.18	0.10	0.01	0.00
25.5										
	1.35 *	1.13	1.02	0.77	0.54	0.37	0.20	0.11	0.02	0.00
22.5										
	1.72 *	1.35 *	1.20	0.93	0.65	0.44	0.23	0.12	0.03	0.00
19.5										
	1.78 *	1.30 *	1.11	0.91	0.65	0.41	0.22	0.11	0.03	0.00
17										
	1.64 *	1.18 *	0.99 *	0.82	0.58	0.35	0.18	0.10	0.02	0.00
15										
	1.78 *	1.33 *	1.11 *	0.90	0.63	0.38	0.20	0.11	0.03	0.00
13										
	1.94 *	1.50 *	1.24 *	0.96	0.68	0.40	0.20	0.11	0.03	0.00
11										
	2.13 *	1.66 *	1.34 *	1.00	0.70	0.42	0.21	0.12	0.03	0.00
9										
	2.30 *	1.77 *	1.40 *	1.02 *	0.73	0.43	0.21	0.12	0.03	0.00
7										
	2.37 *	1.81 *	1.45 *	1.05 *	0.74	0.44	0.22	0.12	0.03	0.00
5										
	2.39 *	1.83 *	1.48 *	1.08 *	0.75	0.45	0.22	0.12	0.03	0.00
3										
	2.39 *	1.84 *	1.50 *	1.09 *	0.76	0.45	0.22	0.12	0.03	0.00
1										
	1.19 *	0.91 *	0.75 *	0.54 *	0.38	0.22	0.11	0.06	0.01	0.00
0										
	1.20 *	0.92 *	0.75 *	0.55 *	0.38	0.23	0.11	0.06	0.01	0.00
-1										
	2.45 *	1.88 *	1.53 *	1.11 *	0.77	0.46	0.22	0.12	0.03	0.00
-3										
	2.44 *	1.89 *	1.54 *	1.12 *	0.77	0.46	0.22	0.13	0.03	0.00
-5										
	2.32 *	1.82 *	1.48 *	1.09 *	0.77	0.45	0.22	0.13	0.03	0.00
-7										
	2.20 *	1.70 *	1.38 *	1.03 *	0.74	0.44	0.22	0.12	0.03	0.00
-9										
	2.12 *	1.59 *	1.28 *	0.96	0.69	0.41	0.21	0.12	0.03	0.00
-11										
	2.02 *	1.50 *	1.20 *	0.91	0.63	0.38	0.20	0.11	0.03	0.00
-13										
	1.85 *	1.39 *	1.12 *	0.86	0.58	0.34	0.18	0.10	0.03	0.00
-15										
	1.62 *	1.22 *	1.02 *	0.81	0.53	0.31	0.17	0.09	0.02	0.00
-17										
	1.72 *	1.29 *	1.15 *	0.93	0.61	0.36	0.18	0.10	0.02	0.00
-19.5										
	1.67 *	1.28 *	1.18	0.95	0.63	0.39	0.19	0.10	0.02	0.00
-22.5										
	1.36 *	1.08	0.96	0.74	0.52	0.34	0.16	0.08	0.01	0.00

IES FLOOD REPORT
PHOTOMETRIC FILENAME : VRK-L2-740-N4-UNV-XX.IES

LUMENS TABULATION - (Cont.)

-25.5	1.29	1.02	0.85	0.65	0.49	0.32	0.15	0.07	0.01	0.00
-29	1.05	0.83	0.70	0.55	0.43	0.27	0.13	0.06	0.00	0.00
-33	0.73	0.60	0.56	0.46	0.32	0.20	0.10	0.05	0.00	0.00
-37.5	0.48	0.42	0.39	0.30	0.21	0.13	0.06	0.02	0.00	0.00
-42.5	0.26	0.21	0.19	0.16	0.11	0.06	0.02	0.00	0.00	0.00
-47.5	0.16	0.12	0.11	0.09	0.06	0.02	0.00	0.00	0.00	0.00
-55	0.05	0.03	0.01	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	54.42	41.96	35.17	27.01	19.03	11.63	5.73	3.06	0.62	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	0.04	
65	0.00	0.00	0.98	
55	0.00	0.00	3.23	
47.5	0.00	0.00	4.84	
42.5	0.00	0.00	8.46	
37.5	0.00	0.00	12.32	
33	0.00	0.00	16.08	
29	0.00	0.00	19.82	
25.5	0.00	0.00	22.82	
22.5	0.00	0.00	28.74	
19.5	0.00	0.00	29.14	
17	0.00	0.00	27.25	
15	0.00	0.00	30.93	

IES FLOOD REPORT
PHOTOMETRIC FILENAME : VRK-L2-740-N4-UNV-XX.IES

LUMENS TABULATION - (Cont.)

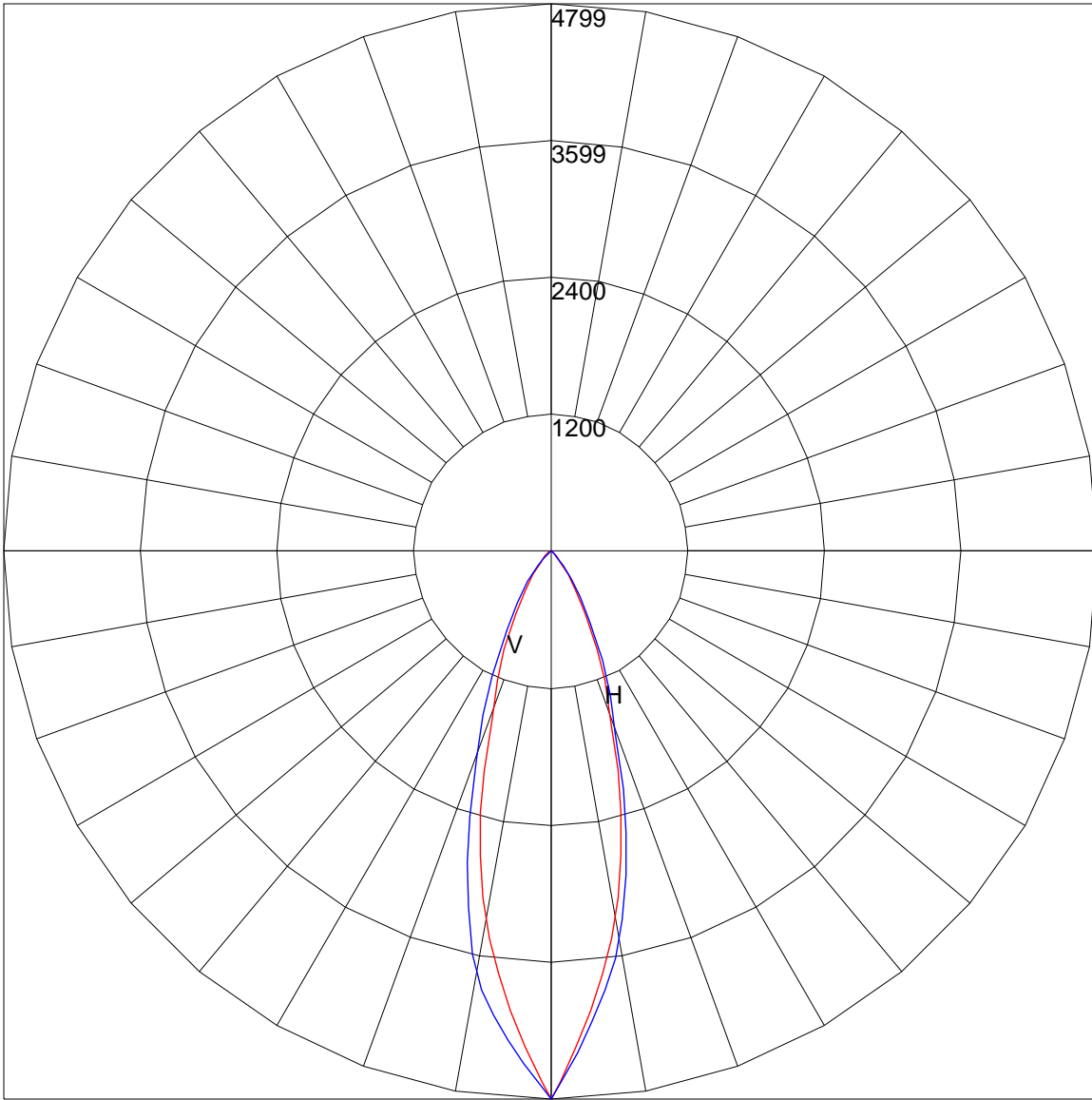
13	0.00	0.00	34.58
11	0.00	0.00	38.05
9	0.00	0.00	41.13
7	0.00	0.00	43.64
5	0.00	0.00	45.44
3	0.00	0.00	46.34
1	0.00	0.00	23.24
0	0.00	0.00	23.34
-1	0.00	0.00	46.80
-3	0.00	0.00	45.77
-5	0.00	0.00	43.92
-7	0.00	0.00	41.64
-9	0.00	0.00	38.76
-11	0.00	0.00	35.33
-13	0.00	0.00	31.63
-15	0.00	0.00	27.86
-17	0.00	0.00	29.79
-19.5	0.00	0.00	29.34
-22.5	0.00	0.00	23.18
-25.5	0.00	0.00	19.96
-29	0.00	0.00	15.88
-33	0.00	0.00	11.66
-37.5	0.00	0.00	7.47
-42.5	0.00	0.00	4.00
-47.5	0.00	0.00	2.52
-55	0.00	0.00	0.70
-65	0.00	0.00	0.01
-75	0.00	0.00	0.00

IES FLOOD REPORT
PHOTOMETRIC FILENAME : VRK-L2-740-N4-UNV-XX.IES

LUMENS TABULATION - (Cont.)

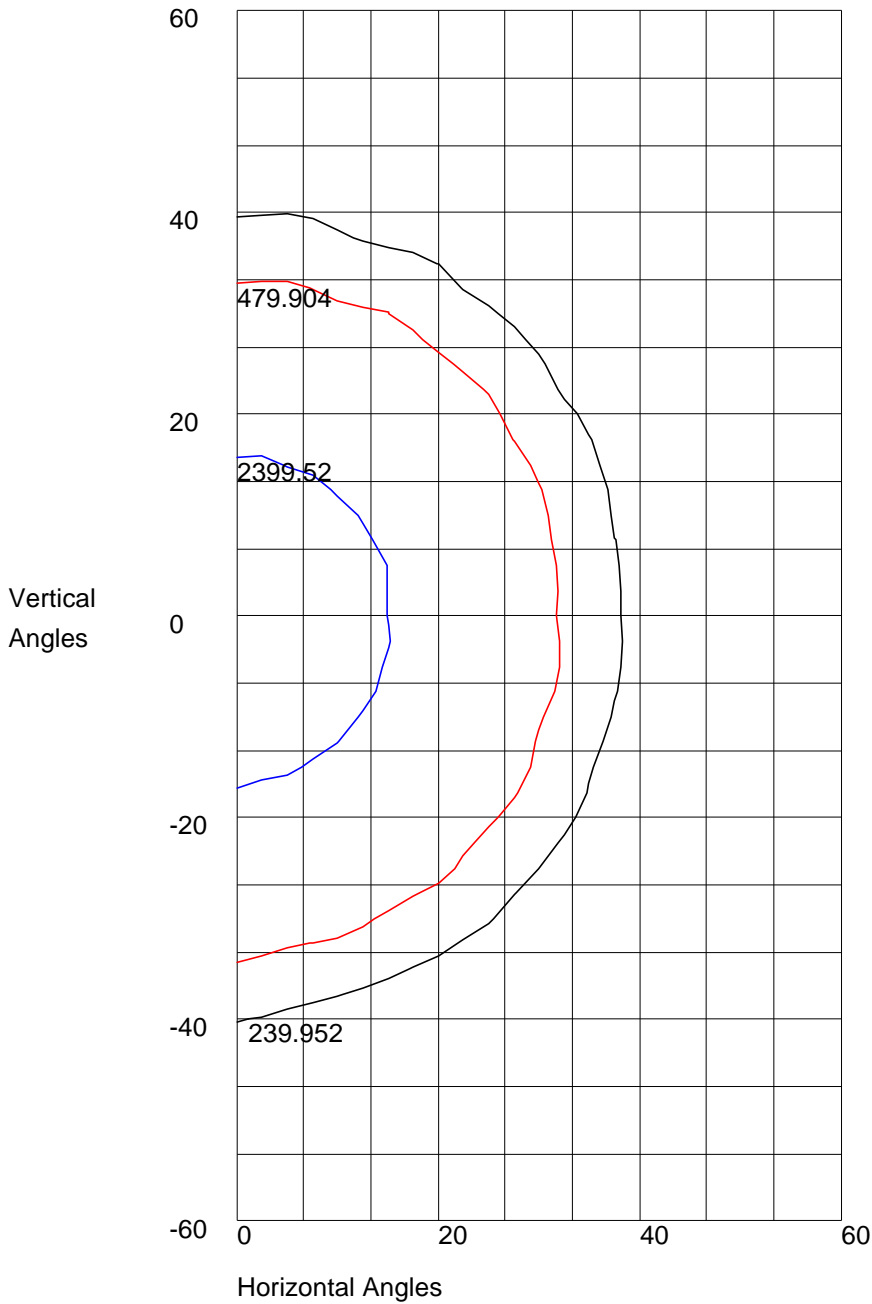
-85	0.00	0.00	0.00
-90			
Total	0.00	0.00	956.65

AXIAL CANDELA DISPLAY



Maximum Candela = 4799.04 Located At Horizontal Angle = 0, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 4799.04 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 2399.52
10% Maximum Candela = 479.904