



**IES FLOOD REPORT  
PHOTOMETRIC FILENAME : FL2-20L-40-8-N6-U-Y-GM.IES**

**DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] 1231978  
 [TESTLAB] UL Verification Services Inc.  
 [ISSUEDATE] 4/5/2016  
 [MANUFAC] Eye Lighting International of North America  
 [LUMCAT] FL2-20L-40-8-N6-U-Y-GM  
 [LUMINAIRE] Formed aluminum housing/ heatsink, frosted plastic lens, w  
 [MORE] hite plastic reflector  
 [LAMP] Five white LEDs  
 [BALLAST] Meanwell HLG-185H-C  
 [OTHER] 24.8 C, 120.04 V, 1.606 A, 191.8 W, 0.994 PF, 60 Hz  
 [OTHER] This test was performed using the calibrated photodetector met  
 [MORE] hod of absolute photometry.

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

**CHARACTERISTICS**

NEMA Type	6 H x 6 V
Maximum Candela	14293.9
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	44.8
Vertical Beam Angle (50%)	44.5
Horizontal Field Angle (10%)	107.7
Vertical Field Angle (10%)	109.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	4697
Beam Efficiency	N.A.
Field Lumens	11294
Field Efficiency	N.A.
Spill Lumens	2415
Luminaire Lumens	13710
Total Efficiency	N.A.
Total Luminaire Watts	191.8
Ballast Factor	1.00



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**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	143.2	90	190.1
85	209.4	85	255.1
75	500.4	75	536.9
65	863.7	65	890.3
55	1349.1	55	1351.8
47.5	1867.3	47.5	1841.2
42.5	2364.4	42.5	2313.7
37.5	3058.6	37.5	2955.2
33	3965.2	33	3803
29	5022.8	29	4770.4
25.5	6115.2	25.5	5840.1
22.5	7121.1	22.5	6860.6
19.5	8116.3	19.5	7897.6
17	8955.3	17	8768.4
15	9661.6	15	9506.4
13	10429.1	13	10303.1
11	11254	11	11148.5
9	12102	9	12011.3
7	12895.4	7	12813.2
5	13542.2	5	13490.1
3	13998.2	3	13976.3
1	14228.2	1	14242.4
0	14293.9	0	14293.9
-1	14228.2	-1	14276.8
-3	13998.2	-3	14085.6
-5	13542.2	-5	13663.1
-7	12895.4	-7	13034.2
-9	12102	-9	12236.4
-11	11254	-11	11394.4
-13	10429.1	-13	10586
-15	9661.6	-15	9849.4
-17	8955.3	-17	9148.8
-19.5	8116.3	-19.5	8295.6
-22.5	7121.1	-22.5	7246.2
-25.5	6115.2	-25.5	6185.9
-29	5022.8	-29	5072.1
-33	3965.2	-33	4033.1
-37.5	3058.6	-37.5	3166.2
-42.5	2364.4	-42.5	2500.1
-47.5	1867.3	-47.5	2004.7
-55	1349.1	-55	1484.5
-65	863.7	-65	990.1
-75	500.4	-75	602.2
-85	209.4	-85	283.6
-90	143.2	-90	211.8

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**CANDELA TABULATION**

Maximum Candela = 14293.9  
 Beam Edge = 7146.95 Cd (50% of Max.)  
 Field Edge = 1429.39 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	143.1	148.6	163.2	175.2	182.6	184.8	185.6	185.9	185.7	185.5	
85.0	143.1	151.3	172.5	192.2	209.6	219.2	225.1	230.1	233.4	237.4	
75.0	143.1	157.4	206.3	269.0	332.8	377.2	404.5	431.4	451.4	469.2	
65.0	143.1	165.5	256.3	376.5	499.7	585.8	640.9	690.4	732.0	763.5	
55.0	143.1	175.2	313.6	492.4	677.5	809.9	892.9	977.8	1048.7	1107.5	
47.5	143.2	182.9	355.9	578.8	807.1	988.0	1107.7	1226.2	1333.4	1423.8	
42.5	143.2	187.8	382.5	631.9	893.8	1109.9	1265.1	1412.4	1550.8 *	1674.4 *	
37.5	143.2	192.8	407.8	681.1	979.3	1234.2	1422.5	1615.4 *	1803.6 *	1980.2 *	
33.0	143.2	196.3	428.7	721.4	1053.7	1347.3	1571.1 *	1816.1 *	2063.3 *	2296.2 *	
29.0	143.2	199.6	445.3	752.5	1116.5	1445.6 *	1706.1 *	2011.1 *	2321.4 *	2641.9 *	
25.5	143.2	202.0	458.2	776.6	1166.0	1529.3 *	1823.0 *	2176.3 *	2563.3 *	2959.5 *	
22.5	143.2	203.9	467.9	795.4	1204.3	1597.7 *	1929.4 *	2324.9 *	2779.0 *	3280.9 *	
19.5	143.2	205.5	476.3	812.4	1238.7	1660.1 *	2022.7 *	2473.6 *	2997.9 *	3579.1 *	
17.0	143.2	206.6	482.6	825.1	1264.0	1706.7 *	2093.8 *	2593.0 *	3183.9 *	3843.7 *	
15.0	143.2	207.4	487.1	834.0	1281.9	1740.5 *	2147.7 *	2682.0 *	3328.3 *	4051.0 *	
13.0	143.2	208.0	490.9	841.7	1299.9	1771.3 *	2203.4 *	2763.8 *	3462.8 *	4255.3 *	
11.0	143.2	210.4	494.0	848.1	1314.0	1798.8 *	2237.0 *	2835.9 *	3580.1 *	4441.8 *	
9.0	143.2	210.2	496.6	853.6	1326.5	1821.4 *	2272.3 *	2901.4 *	3697.5 *	4606.2 *	
7.0	143.2	210.0	498.5	858.0	1336.1	1840.0 *	2305.2 *	2964.6 *	3772.8 *	4739.0 *	
5.0	143.2	209.9	501.8	861.2	1343.2	1854.2 *	2332.1 *	3004.2 *	3858.0 *	4852.7 *	
3.0	143.2	209.7	501.2	864.6	1350.7	1863.4 *	2351.3 *	3037.9 *	3925.1 *	4948.1 *	
1.0	143.2	209.5	500.7	864.0	1349.6	1867.3 *	2362.2 *	3055.5 *	3960.9 *	5011.3 *	
0.0	143.2	209.4	500.4	863.7	1349.1	1867.3 *	2364.4 *	3058.6 *	3965.2 *	5022.8 *	
-1.0	143.2	209.4	500.3	863.4	1348.9	1866.9 *	2364.6 *	3060.6 *	3970.9 *	5037.4 *	
-3.0	143.2	209.4	500.0	862.8	1348.5	1862.1 *	2358.2 *	3053.1 *	3954.2 *	5025.1 *	
-5.0	143.2	209.4	499.7	858.1	1339.4	1851.9 *	2343.1 *	3034.3 *	3925.9 *	4981.9 *	
-7.0	143.2	209.3	495.7	853.7	1330.6	1839.7 *	2321.0 *	3011.5 *	3876.2 *	4902.6 *	
-9.0	143.2	209.3	492.9	847.9	1320.8	1823.7 *	2292.3 *	2956.8 *	3821.0 *	4792.0 *	
-11.0	143.2	209.3	489.6	841.0	1308.5	1803.0 *	2260.4 *	2896.1 *	3707.9 *	4645.5 *	
-13.0	143.2	206.8	485.6	833.7	1294.8	1776.9 *	2229.9 *	2827.0 *	3585.4 *	4471.9 *	
-15.0	143.2	205.9	481.0	825.2	1277.3	1746.7 *	2175.5 *	2747.9 *	3457.0 *	4279.4 *	
-17.0	143.2	204.9	475.8	815.5	1259.6	1712.5 *	2120.3 *	2662.1 *	3322.6 *	4078.0 *	
-19.5	143.2	203.6	468.5	801.7	1234.2	1665.6 *	2045.6 *	2546.3 *	3137.4 *	3806.4 *	
-22.5	143.2	201.7	459.1	783.7	1199.3	1603.8 *	1958.0 *	2397.3 *	2905.2 *	3475.1 *	
-25.5	143.2	199.6	448.5	763.8	1159.4	1537.2 *	1854.5 *	2246.6 *	2674.1 *	3125.1 *	
-29.0	143.2	196.8	434.7	738.8	1107.2	1453.5 *	1733.0 *	2069.9 *	2413.5 *	2783.5 *	
-33.0	143.2	193.2	417.1	706.1	1045.3	1354.3	1594.2 *	1863.7 *	2136.3 *	2407.5 *	
-37.5	143.1	189.3	395.2	665.1	972.0	1241.6	1442.3 *	1656.9 *	1866.5 *	2071.9 *	
-42.5	143.1	183.9	369.4	614.8	884.9	1113.5	1279.1	1444.7 *	1603.8 *	1746.5 *	
-47.5	143.1	178.6	342.7	561.6	797.9	989.9	1121.2	1255.7	1378.5	1486.3 *	
-55.0	143.1	170.4	300.0	476.4	667.0	810.7	906.4	1001.7	1085.6	1156.4	
-65.0	143.1	160.2	242.2	360.0	488.5	586.3	649.8	710.3	759.2	801.4	
-75.0	143.1	151.5	191.3	252.8	322.2	373.8	409.0	443.4	472.0	495.9	
-85.0	143.1	145.1	157.2	175.9	196.6	210.5	219.9	229.8	238.2	246.6	
-90.0	143.1	142.4	148.3	158.3	168.1	173.0	176.5	180.3	184.0	187.9	

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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	186.5	187.5	188.4	189.1	189.7	190.1	190.6	191.1	191.7	192.3
85.0	241.3	244.1	246.6	248.4	249.6	251.2	254.4	254.9	255.2	255.4
75.0	485.5	497.7	508.4	515.0	519.8	524.7	529.3	533.2	536.0	540.0
65.0	789.9	812.3	832.8	847.3	856.7	865.6	874.6	882.5	889.0	894.2
55.0	1155.7	1193.3	1230.1	1259.6	1279.9	1298.5	1313.3	1327.1	1339.9	1351.0
47.5	1498.5 *	1562.2 *	1623.0 *	1668.9 *	1703.2 *	1736.0 *	1765.6 *	1791.2 *	1812.2 *	1829.5 *
42.5	1781.7 *	1876.8 *	1958.4 *	2031.5 *	2088.4 *	2146.3 *	2180.9 *	2219.2 *	2252.6 *	2283.1 *
37.5	2133.2 *	2264.7 *	2394.9 *	2510.5 *	2594.6 *	2673.9 *	2746.2 *	2811.8 *	2872.6 *	2908.2 *
33.0	2520.1 *	2713.4 *	2911.4 *	3077.0 *	3205.5 *	3335.0 *	3458.9 *	3574.6 *	3641.8 *	3704.5 *
29.0	2934.9 *	3226.4 *	3503.0 *	3737.3 *	3924.9 *	4121.6 *	4296.2 *	4445.7 *	4567.6 *	4663.3 *
25.5	3362.1 *	3729.9 *	4128.1 *	4457.7 *	4712.2 *	4966.0 *	5200.4 *	5397.4 *	5569.5 *	5690.6 *
22.5	3766.5 *	4229.3 *	4732.9 *	5152.6 *	5481.0 *	5789.8 *	6068.0 *	6321.5 *	6529.7 *	6677.4 *
19.5	4198.2 *	4761.4 *	5371.5 *	5883.3 *	6279.6 *	6662.2 *	6972.4 *	7271.5 *	7519.6 *	7679.1 *
17.0	4550.7 *	5206.6 *	5912.3 *	6486.7 *	6931.1 *	7362.5 *	7734.6 *	8049.8 *	8324.1 *	8526.7 *
15.0	4827.5 *	5558.7 *	6329.3 *	6963.5 *	7466.5 *	7898.0 *	8313.0 *	8671.5 *	8976.3 *	9219.4 *
13.0	5091.1 *	5885.9 *	6716.4 *	7414.9 *	7917.5 *	8403.6 *	8878.8 *	9284.2 *	9647.1 *	9933.5 *
11.0	5338.3 *	6190.5 *	7064.9 *	7802.6 *	8371.9 *	8900.3 *	9417.7 *	9891.3 *	10339.7 *	10696.3 *
9.0	5557.5 *	6464.1 *	7383.4 *	8143.5 *	8758.2 *	9349.1 *	9940.3 *	10484.2 *	11003.8 *	11429.1 *
7.0	5745.0 *	6686.6 *	7660.8 *	8448.2 *	9090.7 *	9742.0 *	10403.5 *	11070.7 *	11643.4 *	12178.1 *
5.0	5906.7 *	6880.0 *	7860.1 *	8686.3 *	9357.9 *	10065.6 *	10820.1 *	11518.4 *	12256.0 *	12848.2 *
3.0	6030.3 *	7020.6 *	8006.1 *	8849.9 *	9557.9 *	10289.6 *	11069.5 *	11890.8 *	12645.0 *	13300.5 *
1.0	6100.3 *	7105.6 *	8097.8 *	8947.5 *	9669.6 *	10442.9 *	11269.3 *	12092.8 *	12884.9 *	13550.5 *
0.0	6115.2 *	7121.1 *	8116.3 *	8955.3 *	9661.6 *	10429.1 *	11254.0 *	12102.0 *	12895.4 *	13542.2 *
-1.0	6123.9 *	7121.0 *	8115.2 *	8967.8 *	9679.3 *	10437.1 *	11252.9 *	12113.7 *	12923.5 *	13596.2 *
-3.0	6112.0 *	7094.1 *	8074.8 *	8919.5 *	9624.2 *	10379.6 *	11181.7 *	11985.1 *	12763.8 *	13431.1 *
-5.0	6066.3 *	7037.9 *	7995.0 *	8802.4 *	9470.3 *	10166.5 *	10951.9 *	11702.6 *	12427.0 *	13051.1 *
-7.0	5958.4 *	6901.8 *	7828.7 *	8603.4 *	9241.4 *	9895.6 *	10575.8 *	11241.6 *	11893.4 *	12439.6 *
-9.0	5793.3 *	6696.8 *	7607.9 *	8347.2 *	8935.0 *	9532.1 *	10124.1 *	10731.8 *	11272.3 *	11728.8 *
-11.0	5603.9 *	6480.4 *	7350.3 *	8049.7 *	8597.0 *	9126.0 *	9656.8 *	10150.4 *	10602.5 *	11028.8 *
-13.0	5381.4 *	6207.7 *	7040.1 *	7703.7 *	8200.8 *	8688.6 *	9140.4 *	9563.7 *	9959.0 *	10253.0 *
-15.0	5122.2 *	5897.9 *	6682.3 *	7312.7 *	7813.8 *	8227.8 *	8631.4 *	9000.6 *	9319.4 *	9569.4 *
-17.0	4849.8 *	5563.3 *	6300.5 *	6904.3 *	7348.7 *	7747.9 *	8106.3 *	8428.0 *	8702.0 *	8914.2 *
-19.5	4484.8 *	5123.2 *	5792.1 *	6326.9 *	6724.8 *	7077.3 *	7413.4 *	7708.4 *	7922.9 *	8094.0 *
-22.5	4025.5 *	4566.1 *	5121.8 *	5570.8 *	5908.9 *	6232.6 *	6523.1 *	6755.8 *	6941.9 *	7110.0 *
-25.5	3590.7 *	4028.0 *	4473.2 *	4831.1 *	5100.9 *	5357.8 *	5588.8 *	5779.8 *	5952.9 *	6081.2 *
-29.0	3128.0 *	3467.1 *	3768.5 *	4032.5 *	4237.0 *	4435.8 *	4608.3 *	4757.8 *	4878.1 *	4975.7 *
-33.0	2665.2 *	2888.6 *	3114.0 *	3302.6 *	3448.5 *	3581.2 *	3696.3 *	3816.8 *	3896.9 *	3971.6 *
-37.5	2247.4 *	2401.2 *	2552.8 *	2678.9 *	2774.2 *	2866.7 *	2948.1 *	3021.4 *	3089.9 *	3127.6 *
-42.5	1871.7 *	1985.7 *	2086.7 *	2172.9 *	2234.6 *	2300.3 *	2345.2 *	2392.8 *	2433.7 *	2464.6 *
-47.5	1577.6 *	1653.7 *	1728.2 *	1785.6 *	1827.0 *	1868.1 *	1906.0 *	1938.2 *	1965.3 *	1983.4 *
-55.0	1217.2	1267.7	1314.9	1349.0	1374.6	1398.9	1419.9	1439.8 *	1455.4 *	1467.3 *
-65.0	837.7	868.1	893.5	912.7	926.2	938.9	951.1	962.1	970.5	977.3
-75.0	517.8	534.7	550.5	560.9	568.6	575.6	582.0	587.5	591.7	597.3
-85.0	254.2	260.3	266.0	270.0	273.0	275.5	279.9	281.2	282.0	282.9
-90.0	192.4	195.9	199.2	201.1	202.7	204.2	205.7	207.0	208.0	209.1

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	191.4	190.5	190.1	190.5	191.4	192.3	191.7	191.1	190.6	190.1
85.0	255.3	255.2	255.1	255.2	255.3	255.4	255.2	254.9	254.4	251.2
75.0	538.8	537.5	536.9	537.5	538.8	540.0	536.0	533.2	529.3	524.7
65.0	895.7	892.1	890.3	892.1	895.7	894.2	889.0	882.5	874.6	865.6

CANDELA TABULATION - (Cont.)

55.0	1358.4	1354.0	1351.8	1354.0	1358.4	1351.0	1339.9	1327.1	1313.3	1298.5
47.5	1839.9 *	1842.0 *	1841.2 *	1842.0 *	1839.9 *	1829.5 *	1812.2 *	1791.2 *	1765.6 *	1736.0 *
42.5	2304.7 *	2312.8 *	2313.7 *	2312.8 *	2304.7 *	2283.1 *	2252.6 *	2219.2 *	2180.9 *	2146.3 *
37.5	2938.3 *	2953.0 *	2955.2 *	2953.0 *	2938.3 *	2908.2 *	2872.6 *	2811.8 *	2746.2 *	2673.9 *
33.0	3755.3 *	3795.1 *	3803.0 *	3795.1 *	3755.3 *	3704.5 *	3641.8 *	3574.6 *	3458.9 *	3335.0 *
29.0	4730.0 *	4769.1 *	4770.4 *	4769.1 *	4730.0 *	4663.3 *	4567.6 *	4445.7 *	4296.2 *	4121.6 *
25.5	5764.1 *	5819.2 *	5840.1 *	5819.2 *	5764.1 *	5690.6 *	5569.5 *	5397.4 *	5200.4 *	4966.0 *
22.5	6759.7 *	6831.7 *	6860.6 *	6831.7 *	6759.7 *	6677.4 *	6529.7 *	6321.5 *	6068.0 *	5789.8 *
19.5	7793.7 *	7877.7 *	7897.6 *	7877.7 *	7793.7 *	7679.1 *	7519.6 *	7271.5 *	6972.4 *	6662.2 *
17.0	8671.4 *	8767.9 *	8768.4 *	8767.9 *	8671.4 *	8526.7 *	8324.1 *	8049.8 *	7734.6 *	7362.5 *
15.0	9389.4 *	9492.7 *	9506.4 *	9492.7 *	9389.4 *	9219.4 *	8976.3 *	8671.5 *	8313.0 *	7898.0 *
13.0	10142.4 *	10262.9 *	10303.1 *	10262.9 *	10142.4 *	9933.5 *	9647.1 *	9284.2 *	8878.8 *	8403.6 *
11.0	10933.1 *	11081.1 *	11148.5 *	11081.1 *	10933.1 *	10696.3 *	10339.7 *	9891.3 *	9417.7 *	8900.3 *
9.0	11756.6 *	11942.6 *	12011.3 *	11942.6 *	11756.6 *	11429.1 *	11003.8 *	10484.2 *	9940.3 *	9349.1 *
7.0	12547.0 *	12759.0 *	12813.2 *	12759.0 *	12547.0 *	12178.1 *	11643.4 *	11070.7 *	10403.5 *	9742.0 *
5.0	13217.9 *	13456.9 *	13490.1 *	13456.9 *	13217.9 *	12848.2 *	12256.0 *	11518.4 *	10820.1 *	10065.6 *
3.0	13745.2 *	13930.3 *	13976.3 *	13930.3 *	13745.2 *	13300.5 *	12645.0 *	11890.8 *	11069.5 *	10289.6 *
1.0	13995.9 *	14239.6 *	14242.4 *	14239.6 *	13995.9 *	13550.5 *	12884.9 *	12092.8 *	11269.3 *	10442.9 *
0.0	13998.2 *	14228.2 *	14293.9 *	14228.2 *	13998.2 *	13542.2 *	12895.4 *	12102.0 *	11254.0 *	10429.1 *
-1.0	14033.5 *	14278.4 *	14276.8 *	14278.4 *	14033.5 *	13596.2 *	12923.5 *	12113.7 *	11252.9 *	10437.1 *
-3.0	13877.7 *	14057.0 *	14085.6 *	14057.0 *	13877.7 *	13431.1 *	12763.8 *	11985.1 *	11181.7 *	10379.6 *
-5.0	13446.1 *	13682.9 *	13663.1 *	13682.9 *	13446.1 *	13051.1 *	12427.0 *	11702.6 *	10951.9 *	10166.5 *
-7.0	12825.1 *	13060.3 *	13034.2 *	13060.3 *	12825.1 *	12439.6 *	11893.4 *	11241.6 *	10575.8 *	9895.6 *
-9.0	12063.3 *	12283.8 *	12236.4 *	12283.8 *	12063.3 *	11728.8 *	11272.3 *	10731.8 *	10124.1 *	9532.1 *
-11.0	11256.8 *	11449.5 *	11394.4 *	11449.5 *	11256.8 *	11028.8 *	10602.5 *	10150.4 *	9656.8 *	9126.0 *
-13.0	10492.6 *	10619.2 *	10586.0 *	10619.2 *	10492.6 *	10253.0 *	9959.0 *	9563.7 *	9140.4 *	8688.6 *
-15.0	9764.6 *	9858.9 *	9849.4 *	9858.9 *	9764.6 *	9569.4 *	9319.4 *	9000.6 *	8631.4 *	8227.8 *
-17.0	9065.3 *	9154.2 *	9148.8 *	9154.2 *	9065.3 *	8914.2 *	8702.0 *	8428.0 *	8106.3 *	7747.9 *
-19.5	8230.8 *	8298.1 *	8295.6 *	8298.1 *	8230.8 *	8094.0 *	7922.9 *	7708.4 *	7413.4 *	7077.3 *
-22.5	7215.8 *	7254.9 *	7246.2 *	7254.9 *	7215.8 *	7110.0 *	6941.9 *	6755.8 *	6523.1 *	6232.6 *
-25.5	6164.0 *	6192.3 *	6185.9 *	6192.3 *	6164.0 *	6081.2 *	5952.9 *	5779.8 *	5588.8 *	5357.8 *
-29.0	5042.1 *	5075.7 *	5072.1 *	5075.7 *	5042.1 *	4975.7 *	4878.1 *	4757.8 *	4608.3 *	4435.8 *
-33.0	4017.0 *	4036.8 *	4033.1 *	4036.8 *	4017.0 *	3971.6 *	3896.9 *	3816.8 *	3696.3 *	3581.2 *
-37.5	3155.3 *	3166.3 *	3166.2 *	3166.3 *	3155.3 *	3127.6 *	3089.9 *	3021.4 *	2948.1 *	2866.7 *
-42.5	2485.8 *	2497.4 *	2500.1 *	2497.4 *	2485.8 *	2464.6 *	2433.7 *	2392.8 *	2345.2 *	2300.3 *
-47.5	1996.0 *	2003.2 *	2004.7 *	2003.2 *	1996.0 *	1983.4 *	1965.3 *	1938.2 *	1906.0 *	1868.1 *
-55.0	1479.4 *	1482.8 *	1484.5 *	1482.8 *	1479.4 *	1467.3 *	1455.4 *	1439.8 *	1419.9	1398.9
-65.0	984.8	988.3	990.1	988.3	984.8	977.3	970.5	962.1	951.1	938.9
-75.0	599.2	601.2	602.2	601.2	599.2	597.3	591.7	587.5	582.0	575.6
-85.0	283.2	283.5	283.6	283.5	283.2	282.9	282.0	281.2	279.9	275.5
-90.0	210.2	211.2	211.8	211.2	210.2	209.1	208.0	207.0	205.7	204.2

Vert. Horizontal Angles  
 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	189.7	189.1	188.4	187.5	186.5	185.5	185.7	185.9	185.6	184.8
85.0	249.6	248.4	246.6	244.1	241.3	237.4	233.4	230.1	225.1	219.2
75.0	519.8	515.0	508.4	497.7	485.5	469.2	451.4	431.4	404.5	377.2
65.0	856.7	847.3	832.8	812.3	789.9	763.5	732.0	690.4	640.9	585.8
55.0	1279.9	1259.6	1230.1	1193.3	1155.7	1107.5	1048.7	977.8	892.9	809.9
47.5	1703.2 *	1668.9 *	1623.0 *	1562.2 *	1498.5 *	1423.8	1333.4	1226.2	1107.7	988.0
42.5	2088.4 *	2031.5 *	1958.4 *	1876.8 *	1781.7 *	1674.4 *	1550.8 *	1412.4	1265.1	1109.9
37.5	2594.6 *	2510.5 *	2394.9 *	2264.7 *	2133.2 *	1980.2 *	1803.6 *	1615.4 *	1422.5	1234.2
33.0	3205.5 *	3077.0 *	2911.4 *	2713.4 *	2520.1 *	2296.2 *	2063.3 *	1816.1 *	1571.1 *	1347.3
29.0	3924.9 *	3737.3 *	3503.0 *	3226.4 *	2934.9 *	2641.9 *	2321.4 *	2011.1 *	1706.1 *	1445.6 *
25.5	4712.2 *	4457.7 *	4128.1 *	3729.9 *	3362.1 *	2959.5 *	2563.3 *	2176.3 *	1823.0 *	1529.3 *

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : FL2-20L-40-8-N6-U-Y-GM.IES**

**CANDELA TABULATION - (Cont.)**

<b>22.5</b>	5481.0 *	5152.6 *	4732.9 *	4229.3 *	3766.5 *	3280.9 *	2779.0 *	2324.9 *	1929.4 *	1597.7 *
<b>19.5</b>	6279.6 *	5883.3 *	5371.5 *	4761.4 *	4198.2 *	3579.1 *	2997.9 *	2473.6 *	2022.7 *	1660.1 *
<b>17.0</b>	6931.1 *	6486.7 *	5912.3 *	5206.6 *	4550.7 *	3843.7 *	3183.9 *	2593.0 *	2093.8 *	1706.7 *
<b>15.0</b>	7466.5 *	6963.5 *	6329.3 *	5558.7 *	4827.5 *	4051.0 *	3328.3 *	2682.0 *	2147.7 *	1740.5 *
<b>13.0</b>	7917.5 *	7414.9 *	6716.4 *	5885.9 *	5091.1 *	4255.3 *	3462.8 *	2763.8 *	2203.4 *	1771.3 *
<b>11.0</b>	8371.9 *	7802.6 *	7064.9 *	6190.5 *	5338.3 *	4441.8 *	3580.1 *	2835.9 *	2237.0 *	1798.8 *
<b>9.0</b>	8758.2 *	8143.5 *	7383.4 *	6464.1 *	5557.5 *	4606.2 *	3697.5 *	2901.4 *	2272.3 *	1821.4 *
<b>7.0</b>	9090.7 *	8448.2 *	7660.8 *	6686.6 *	5745.0 *	4739.0 *	3772.8 *	2964.6 *	2305.2 *	1840.0 *
<b>5.0</b>	9357.9 *	8686.3 *	7860.1 *	6880.0 *	5906.7 *	4852.7 *	3858.0 *	3004.2 *	2332.1 *	1854.2 *
<b>3.0</b>	9557.9 *	8849.9 *	8006.1 *	7020.6 *	6030.3 *	4948.1 *	3925.1 *	3037.9 *	2351.3 *	1863.4 *
<b>1.0</b>	9669.6 *	8947.5 *	8097.8 *	7105.6 *	6100.3 *	5011.3 *	3960.9 *	3055.5 *	2362.2 *	1867.3 *
<b>0.0</b>	9661.6 *	8955.3 *	8116.3 *	7121.1 *	6115.2 *	5022.8 *	3965.2 *	3058.6 *	2364.4 *	1867.3 *
<b>-1.0</b>	9679.3 *	8967.8 *	8115.2 *	7121.0 *	6123.9 *	5037.4 *	3970.9 *	3060.6 *	2364.6 *	1866.9 *
<b>-3.0</b>	9624.2 *	8919.5 *	8074.8 *	7094.1 *	6112.0 *	5025.1 *	3954.2 *	3053.1 *	2358.2 *	1862.1 *
<b>-5.0</b>	9470.3 *	8802.4 *	7995.0 *	7037.9 *	6066.3 *	4981.9 *	3925.9 *	3034.3 *	2343.1 *	1851.9 *
<b>-7.0</b>	9241.4 *	8603.4 *	7828.7 *	6901.8 *	5958.4 *	4902.6 *	3876.2 *	3011.5 *	2321.0 *	1839.7 *
<b>-9.0</b>	8935.0 *	8347.2 *	7607.9 *	6696.8 *	5793.3 *	4792.0 *	3821.0 *	2956.8 *	2292.3 *	1823.7 *
<b>-11.0</b>	8597.0 *	8049.7 *	7350.3 *	6480.4 *	5603.9 *	4645.5 *	3707.9 *	2896.1 *	2260.4 *	1803.0 *
<b>-13.0</b>	8200.8 *	7703.7 *	7040.1 *	6207.7 *	5381.4 *	4471.9 *	3585.4 *	2827.0 *	2229.9 *	1776.9 *
<b>-15.0</b>	7813.8 *	7312.7 *	6682.3 *	5897.9 *	5122.2 *	4279.4 *	3457.0 *	2747.9 *	2175.5 *	1746.7 *
<b>-17.0</b>	7348.7 *	6904.3 *	6300.5 *	5563.3 *	4849.8 *	4078.0 *	3322.6 *	2662.1 *	2120.3 *	1712.5 *
<b>-19.5</b>	6724.8 *	6326.9 *	5792.1 *	5123.2 *	4484.8 *	3806.4 *	3137.4 *	2546.3 *	2045.6 *	1665.6 *
<b>-22.5</b>	5908.9 *	5570.8 *	5121.8 *	4566.1 *	4025.5 *	3475.1 *	2905.2 *	2397.3 *	1958.0 *	1603.8 *
<b>-25.5</b>	5100.9 *	4831.1 *	4473.2 *	4028.0 *	3590.7 *	3125.1 *	2674.1 *	2246.6 *	1854.5 *	1537.2 *
<b>-29.0</b>	4237.0 *	4032.5 *	3768.5 *	3467.1 *	3128.0 *	2783.5 *	2413.5 *	2069.9 *	1733.0 *	1453.5 *
<b>-33.0</b>	3448.5 *	3302.6 *	3114.0 *	2888.6 *	2665.2 *	2407.5 *	2136.3 *	1863.7 *	1594.2 *	1354.3
<b>-37.5</b>	2774.2 *	2678.9 *	2552.8 *	2401.2 *	2247.4 *	2071.9 *	1866.5 *	1656.9 *	1442.3 *	1241.6
<b>-42.5</b>	2234.6 *	2172.9 *	2086.7 *	1985.7 *	1871.7 *	1746.5 *	1603.8 *	1444.7 *	1279.1	1113.5
<b>-47.5</b>	1827.0 *	1785.6 *	1728.2 *	1653.7 *	1577.6 *	1486.3 *	1378.5	1255.7	1121.2	989.9
<b>-55.0</b>	1374.6	1349.0	1314.9	1267.7	1217.2	1156.4	1085.6	1001.7	906.4	810.7
<b>-65.0</b>	926.2	912.7	893.5	868.1	837.7	801.4	759.2	710.3	649.8	586.3
<b>-75.0</b>	568.6	560.9	550.5	534.7	517.8	495.9	472.0	443.4	409.0	373.8
<b>-85.0</b>	273.0	270.0	266.0	260.3	254.2	246.6	238.2	229.8	219.9	210.5
<b>-90.0</b>	202.7	201.1	199.2	195.9	192.4	187.9	184.0	180.3	176.5	173.0

**Vert. Angles**      **Horizontal Angles**

	<b>55.0</b>	<b>65.0</b>	<b>75.0</b>	<b>85.0</b>	<b>90.0</b>
<b>90.0</b>	182.6	175.2	163.2	148.6	143.1
<b>85.0</b>	209.6	192.2	172.5	151.3	143.1
<b>75.0</b>	332.8	269.0	206.3	157.4	143.1
<b>65.0</b>	499.7	376.5	256.3	165.5	143.1
<b>55.0</b>	677.5	492.4	313.6	175.2	143.1
<b>47.5</b>	807.1	578.8	355.9	182.9	143.2
<b>42.5</b>	893.8	631.9	382.5	187.8	143.2
<b>37.5</b>	979.3	681.1	407.8	192.8	143.2
<b>33.0</b>	1053.7	721.4	428.7	196.3	143.2
<b>29.0</b>	1116.5	752.5	445.3	199.6	143.2
<b>25.5</b>	1166.0	776.6	458.2	202.0	143.2
<b>22.5</b>	1204.3	795.4	467.9	203.9	143.2
<b>19.5</b>	1238.7	812.4	476.3	205.5	143.2
<b>17.0</b>	1264.0	825.1	482.6	206.6	143.2
<b>15.0</b>	1281.9	834.0	487.1	207.4	143.2
<b>13.0</b>	1299.9	841.7	490.9	208.0	143.2
<b>11.0</b>	1314.0	848.1	494.0	210.4	143.2
<b>9.0</b>	1326.5	853.6	496.6	210.2	143.2

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : FL2-20L-40-8-N6-U-Y-GM.IES**

**CANDELA TABULATION - (Cont.)**

<b>7.0</b>	1336.1	858.0	498.5	210.0	143.2
<b>5.0</b>	1343.2	861.2	501.8	209.9	143.2
<b>3.0</b>	1350.7	864.6	501.2	209.7	143.2
<b>1.0</b>	1349.6	864.0	500.7	209.5	143.2
<b>0.0</b>	1349.1	863.7	500.4	209.4	143.2
<b>-1.0</b>	1348.9	863.4	500.3	209.4	143.2
<b>-3.0</b>	1348.5	862.8	500.0	209.4	143.2
<b>-5.0</b>	1339.4	858.1	499.7	209.4	143.2
<b>-7.0</b>	1330.6	853.7	495.7	209.3	143.2
<b>-9.0</b>	1320.8	847.9	492.9	209.3	143.2
<b>-11.0</b>	1308.5	841.0	489.6	209.3	143.2
<b>-13.0</b>	1294.8	833.7	485.6	206.8	143.2
<b>-15.0</b>	1277.3	825.2	481.0	205.9	143.2
<b>-17.0</b>	1259.6	815.5	475.8	204.9	143.2
<b>-19.5</b>	1234.2	801.7	468.5	203.6	143.2
<b>-22.5</b>	1199.3	783.7	459.1	201.7	143.2
<b>-25.5</b>	1159.4	763.8	448.5	199.6	143.2
<b>-29.0</b>	1107.2	738.8	434.7	196.8	143.2
<b>-33.0</b>	1045.3	706.1	417.1	193.2	143.2
<b>-37.5</b>	972.0	665.1	395.2	189.3	143.1
<b>-42.5</b>	884.9	614.8	369.4	183.9	143.1
<b>-47.5</b>	797.9	561.6	342.7	178.6	143.1
<b>-55.0</b>	667.0	476.4	300.0	170.4	143.1
<b>-65.0</b>	488.5	360.0	242.2	160.2	143.1
<b>-75.0</b>	322.2	252.8	191.3	151.5	143.1
<b>-85.0</b>	196.6	175.9	157.2	145.1	143.1
<b>-90.0</b>	168.1	158.3	148.3	142.4	143.1

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : FL2-20L-40-8-N6-U-Y-GM.IES**

**LUMEN TABULATION**

Average Of Right And Left Sides  
 Total Luminaire Lumens (one side of beam only) = 6854.91  
 Total Field Lumens (one side of beam only) = 5647.19  
 \* 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	0.34	0.68	0.68	0.68	0.67	0.67	0.66	0.65	0.64	0.79
85	1.21	2.42	2.41	2.40	2.38	2.36	2.32	2.28	2.24	2.75
75	2.18	4.36	4.36	4.33	4.28	4.23	4.16	4.09	4.01	4.89
65	3.42	6.85	6.84	6.78	6.69	6.60	6.48	6.36	6.21	7.54
55	3.65 *	7.30 *	7.27 *	7.19 *	7.09 *	6.97 *	6.83 *	6.67 *	6.49 *	7.84 *
47.5	3.16 *	6.32 *	6.27 *	6.19 *	6.09 *	5.97 *	5.83 *	5.67 *	5.48 *	6.58 *
42.5	4.01 *	8.00 *	7.93 *	7.81 *	7.66 *	7.47 *	7.26 *	7.02 *	6.75 *	8.04 *
37.5	4.63 *	9.21 *	9.10 *	8.95 *	8.76 *	8.50 *	8.19 *	7.85 *	7.50 *	8.86 *
33	5.22 *	10.38 *	10.24 *	10.04 *	9.79 *	9.46 *	9.06 *	8.62 *	8.17 *	9.57 *
29	5.65 *	11.23 *	11.09 *	10.86 *	10.55 *	10.15 *	9.69 *	9.17 *	8.62 *	10.01 *
25.5	5.79 *	11.50 *	11.35 *	11.12 *	10.78 *	10.34 *	9.84 *	9.29 *	8.70 *	10.02 *
22.5	6.73 *	13.36 *	13.18 *	12.91 *	12.51 *	11.98 *	11.39 *	10.73 *	10.01 *	11.47 *
19.5	6.34 *	12.60 *	12.41 *	12.14 *	11.75 *	11.26 *	10.70 *	10.06 *	9.36 *	10.69 *
17	5.56 *	11.06 *	10.88 *	10.62 *	10.26 *	9.83 *	9.33 *	8.77 *	8.15 *	9.29 *
15	6.03 *	11.96 *	11.75 *	11.44 *	11.03 *	10.54 *	9.98 *	9.36 *	8.71 *	9.92 *
13	6.52 *	12.91 *	12.67 *	12.30 *	11.81 *	11.24 *	10.61 *	9.93 *	9.23 *	10.49 *
11	7.03 *	13.92 *	13.62 *	13.17 *	12.58 *	11.92 *	11.20 *	10.46 *	9.68 *	10.99 *
9	7.54 *	14.92 *	14.56 *	14.01 *	13.33 *	12.57 *	11.75 *	10.92 *	10.08 *	11.44 *
7	8.00 *	15.82 *	15.43 *	14.82 *	14.02 *	13.14 *	12.23 *	11.31 *	10.42 *	11.81 *
5	8.35 *	16.55 *	16.14 *	15.46 *	14.57 *	13.59 *	12.59 *	11.61 *	10.67 *	12.08 *
3	8.59 *	17.02 *	16.59 *	15.87 *	14.94 *	13.90 *	12.83 *	11.81 *	10.84 *	12.26 *
1	4.34 *	8.59 *	8.37 *	8.01 *	7.54 *	7.01 *	6.46 *	5.94 *	5.45 *	6.17 *
0	4.35 *	8.61 *	8.38 *	8.02 *	7.55 *	7.01 *	6.46 *	5.94 *	5.46 *	6.17 *
-1	8.64 *	17.12 *	16.69 *	15.97 *	15.02 *	13.96 *	12.89 *	11.86 *	10.89 *	12.32 *
-3	8.45 *	16.76 *	16.35 *	15.65 *	14.74 *	13.75 *	12.72 *	11.72 *	10.78 *	12.22 *



**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : FL2-20L-40-8-N6-U-Y-GM.IES**

**LUMENS TABULATION - (Cont.)**

<b>-5</b>	8.14 *	16.14 *	15.73 *	15.09 *	14.26 *	13.34 *	12.39 *	11.46 *	10.58 *	12.02 *
<b>-7</b>	7.71 *	15.29 *	14.91 *	14.34 *	13.62 *	12.80 *	11.96 *	11.11 *	10.29 *	11.71 *
<b>-9</b>	7.21 *	14.32 *	14.00 *	13.52 *	12.90 *	12.20 *	11.45 *	10.70 *	9.93 *	11.34 *
<b>-11</b>	6.71 *	13.34 *	13.08 *	12.68 *	12.15 *	11.55 *	10.91 *	10.23 *	9.53 *	10.90 *
<b>-13</b>	6.23 *	12.40 *	12.18 *	11.84 *	11.41 *	10.90 *	10.34 *	9.73 *	9.09 *	10.39 *
<b>-15</b>	5.79 *	11.52 *	11.34 *	11.06 *	10.69 *	10.25 *	9.75 *	9.20 *	8.60 *	9.84 *
<b>-17</b>	6.64 *	13.22 *	13.03 *	12.74 *	12.35 *	11.87 *	11.30 *	10.68 *	9.99 *	11.45 *
<b>-19.5</b>	7.10 *	14.16 *	13.97 *	13.66 *	13.27 *	12.78 *	12.18 *	11.50 *	10.77 *	12.37 *
<b>-22.5</b>	6.14 *	12.25 *	12.11 *	11.85 *	11.51 *	11.09 *	10.59 *	10.02 *	9.40 *	10.85 *
<b>-25.5</b>	6.00 *	11.97 *	11.84 *	11.60 *	11.28 *	10.88 *	10.42 *	9.90 *	9.33 *	10.82 *
<b>-29</b>	5.55 *	11.06 *	10.94 *	10.74 *	10.47 *	10.13 *	9.73 *	9.28 *	8.80 *	10.28 *
<b>-33</b>	4.94 *	9.85 *	9.76 *	9.60 *	9.38 *	9.10 *	8.78 *	8.43 *	8.04 *	9.48 *
<b>-37.5</b>	4.31 *	8.60 *	8.53 *	8.42 *	8.25 *	8.03 *	7.79 *	7.52 *	7.22 *	8.58 *
<b>-42.5</b>	3.43 *	6.84 *	6.78 *	6.70 *	6.58 *	6.44 *	6.27 *	6.08 *	5.87 *	7.03 *
<b>-47.5</b>	3.98 *	7.95 *	7.89 *	7.81 *	7.69 *	7.54 *	7.37 *	7.17 *	6.96 *	8.38 *
<b>-55</b>	3.77	7.51	7.46	7.38	7.28	7.16	7.01	6.85	6.68	8.08
<b>-65</b>	2.42	4.83	4.80	4.75	4.69	4.62	4.54	4.45	4.35	5.27
<b>-75</b>	1.35	2.69	2.68	2.66	2.63	2.60	2.55	2.50	2.45	2.98
<b>-85</b>	0.38	0.75	0.75	0.74	0.74	0.73	0.72	0.71	0.69	0.85
<b>-90</b>										
<b>Total</b>	233.53	464.12	456.32	443.93	427.55	408.41	387.52	365.59	343.14	396.80

**Vert. Horizontal Angles**

<b>Angles</b>	<b>19.5</b>	<b>22.5</b>	<b>25.5</b>	<b>29</b>	<b>33</b>	<b>37.5</b>	<b>42.5</b>	<b>47.5</b>	<b>55</b>	<b>65</b>
<b>90</b>	0.92	0.90	1.01	1.10	1.17	1.21	1.10	1.42	1.44	0.91
<b>85</b>	3.19	3.06	3.40	3.63	3.77	3.76	3.30	4.07	3.82	2.19
<b>75</b>	5.65	5.40	5.94	6.31	6.45	6.32	5.41	6.41	5.62	2.88
<b>65</b>	8.68	8.25	9.04	9.53	9.65	9.34	7.89	9.19	7.78	3.74
<b>55</b>	8.97	8.47	9.21	9.62	9.62	9.20	7.67	8.79	7.29	3.40
<b>47.5</b>	7.49 *	7.01 *	7.56 *	7.81 *	7.73	7.31	6.02	6.79	5.54	2.54

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : FL2-20L-40-8-N6-U-Y-GM.IES**

**LUMENS TABULATION - (Cont.)**

<b>42.5</b>	9.06 *	8.41 *	8.97 *	9.15 *	8.93 *	8.33	6.77	7.53	6.06	2.74
<b>37.5</b>	9.87 *	9.04 *	9.52 *	9.57 *	9.19 *	8.43 *	6.75	7.42	5.88	2.62
<b>33</b>	10.54 *	9.51 *	9.85 *	9.74 *	9.19 *	8.29 *	6.54 *	7.09	5.54	2.44
<b>29</b>	10.89 *	9.68 *	9.87 *	9.58 *	8.88 *	7.88 *	6.13 *	6.57	5.07	2.21
<b>25.5</b>	10.76 *	9.45 *	9.50 *	9.07 *	8.26 *	7.22 *	5.55 *	5.89	4.50	1.95
<b>22.5</b>	12.22 *	10.62 *	10.54 *	9.90 *	8.88 *	7.65 *	5.82 *	6.11	4.62	1.99
<b>19.5</b>	11.33 *	9.76 *	9.58 *	8.88 *	7.87 *	6.69 *	5.04 *	5.24 *	3.94	1.69
<b>17</b>	9.81 *	8.41 *	8.18 *	7.52 *	6.60 *	5.55 *	4.14 *	4.28 *	3.20	1.37
<b>15</b>	10.45 *	8.92 *	8.64 *	7.88 *	6.85 *	5.71 *	4.23 *	4.35 *	3.24	1.38
<b>13</b>	11.03 *	9.39 *	9.06 *	8.22 *	7.07 *	5.86 *	4.31 *	4.42 *	3.27	1.39
<b>11</b>	11.56 *	9.83 *	9.45 *	8.52 *	7.28 *	5.98 *	4.38 *	4.47 *	3.30	1.40
<b>9</b>	12.03 *	10.21 *	9.78 *	8.78 *	7.46 *	6.09 *	4.44 *	4.52 *	3.33	1.41
<b>7</b>	12.41 *	10.53 *	10.07 *	8.99 *	7.61 *	6.19 *	4.49 *	4.55 *	3.35	1.41
<b>5</b>	12.70 *	10.78 *	10.30 *	9.18 *	7.74 *	6.26 *	4.52 *	4.58 *	3.36	1.42
<b>3</b>	12.89 *	10.96 *	10.47 *	9.32 *	7.82 *	6.30 *	4.55 *	4.59 *	3.37	1.42
<b>1</b>	6.49 *	5.52 *	5.27 *	4.69 *	3.93 *	3.16 *	2.28 *	2.30 *	1.68	0.71
<b>0</b>	6.50 *	5.53 *	5.28 *	4.70 *	3.93 *	3.16 *	2.28 *	2.30 *	1.68	0.71
<b>-1</b>	12.97 *	11.04 *	10.57 *	9.39 *	7.86 *	6.32 *	4.55 *	4.59 *	3.36	1.42
<b>-3</b>	12.88 *	10.98 *	10.51 *	9.34 *	7.82 *	6.29 *	4.53 *	4.57 *	3.35	1.42
<b>-5</b>	12.69 *	10.84 *	10.38 *	9.23 *	7.75 *	6.25 *	4.50 *	4.55 *	3.33	1.41
<b>-7</b>	12.38 *	10.58 *	10.16 *	9.08 *	7.65 *	6.17 *	4.46 *	4.51 *	3.31	1.40
<b>-9</b>	12.00 *	10.26 *	9.87 *	8.86 *	7.49 *	6.07 *	4.40 *	4.47 *	3.28	1.39
<b>-11</b>	11.55 *	9.88 *	9.53 *	8.57 *	7.28 *	5.96 *	4.34 *	4.42 *	3.25	1.38
<b>-13</b>	11.02 *	9.44 *	9.12 *	8.25 *	7.06 *	5.82 *	4.27 *	4.36 *	3.22	1.37
<b>-15</b>	10.43 *	8.95 *	8.69 *	7.90 *	6.82 *	5.66 *	4.17 *	4.28 *	3.18	1.35
<b>-17</b>	12.14 *	10.45 *	10.20 *	9.36 *	8.16 *	6.83 *	5.08 *	5.24 *	3.91	1.67
<b>-19.5</b>	13.18 *	11.39 *	11.22 *	10.43 *	9.22 *	7.83 *	5.87 *	6.11	4.59	1.96
<b>-22.5</b>	11.64 *	10.15 *	10.10 *	9.54 *	8.58 *	7.40 *	5.61 *	5.89	4.46	1.92

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : FL2-20L-40-8-N6-U-Y-GM.IES**

**LUMENS TABULATION - (Cont.)**

<b>-25.5</b>	11.75 *	10.38 *	10.47 *	10.05 *	9.21 *	8.07 *	6.20 *	6.57	5.02	2.17
<b>-29</b>	11.29 *	10.14 *	10.41 *	10.17 *	9.49 *	8.47 *	6.61 *	7.09	5.47	2.39
<b>-33</b>	10.51 *	9.58 *	10.01 *	9.96 *	9.47 *	8.60 *	6.82	7.42	5.80	2.56
<b>-37.5</b>	9.63 *	8.88 *	9.40 *	9.51 *	9.19 *	8.49 *	6.83	7.52	5.96	2.66
<b>-42.5</b>	7.95 *	7.40 *	7.92 *	8.11 *	7.95	7.44	6.06	6.76	5.44	2.46
<b>-47.5</b>	9.54 *	8.95	9.66	10.00	9.91	9.37	7.73	8.75	7.14	3.28
<b>-55</b>	9.26	8.75	9.51	9.93	9.95	9.53	7.95	9.12	7.57	3.59
<b>-65</b>	6.07	5.76	6.29	6.60	6.67	6.45	5.43	6.33	5.41	2.72
<b>-75</b>	3.44	3.27	3.59	3.79	3.87	3.80	3.27	3.94	3.60	2.02
<b>-85</b>	0.98	0.94	1.04	1.12	1.16	1.18	1.05	1.34	1.33	0.83
<b>-90</b>										
<b>Total</b>	428.74	377.60	379.14	360.88	328.44	287.86	223.31	240.75	188.87	85.27

<b>Vert. Angles</b>	<b>Horizontal Angles</b>			<b>Total</b>
	<b>75</b>	<b>85</b>	<b>90</b>	
<b>90</b>	0.42	0.05		18.11
<b>85</b>	0.91	0.10		57.97
<b>75</b>	1.04	0.10		98.42
<b>65</b>	1.20	0.10		148.15
<b>55</b>	1.02	0.08		150.64
<b>47.5</b>	0.73	0.05		124.13
<b>42.5</b>	0.77	0.06		148.72
<b>37.5</b>	0.73	0.05		160.61
<b>33</b>	0.67	0.05		170.00
<b>29</b>	0.60	0.04		174.43
<b>25.5</b>	0.53	0.03		171.44
<b>22.5</b>	0.54	0.03		193.19
<b>19.5</b>	0.45	0.03		177.81
<b>17</b>	0.37	0.02		153.20
<b>15</b>	0.37	0.02		162.77

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : FL2-20L-40-8-N6-U-Y-GM.IES**

**LUMENS TABULATION - (Cont.)**

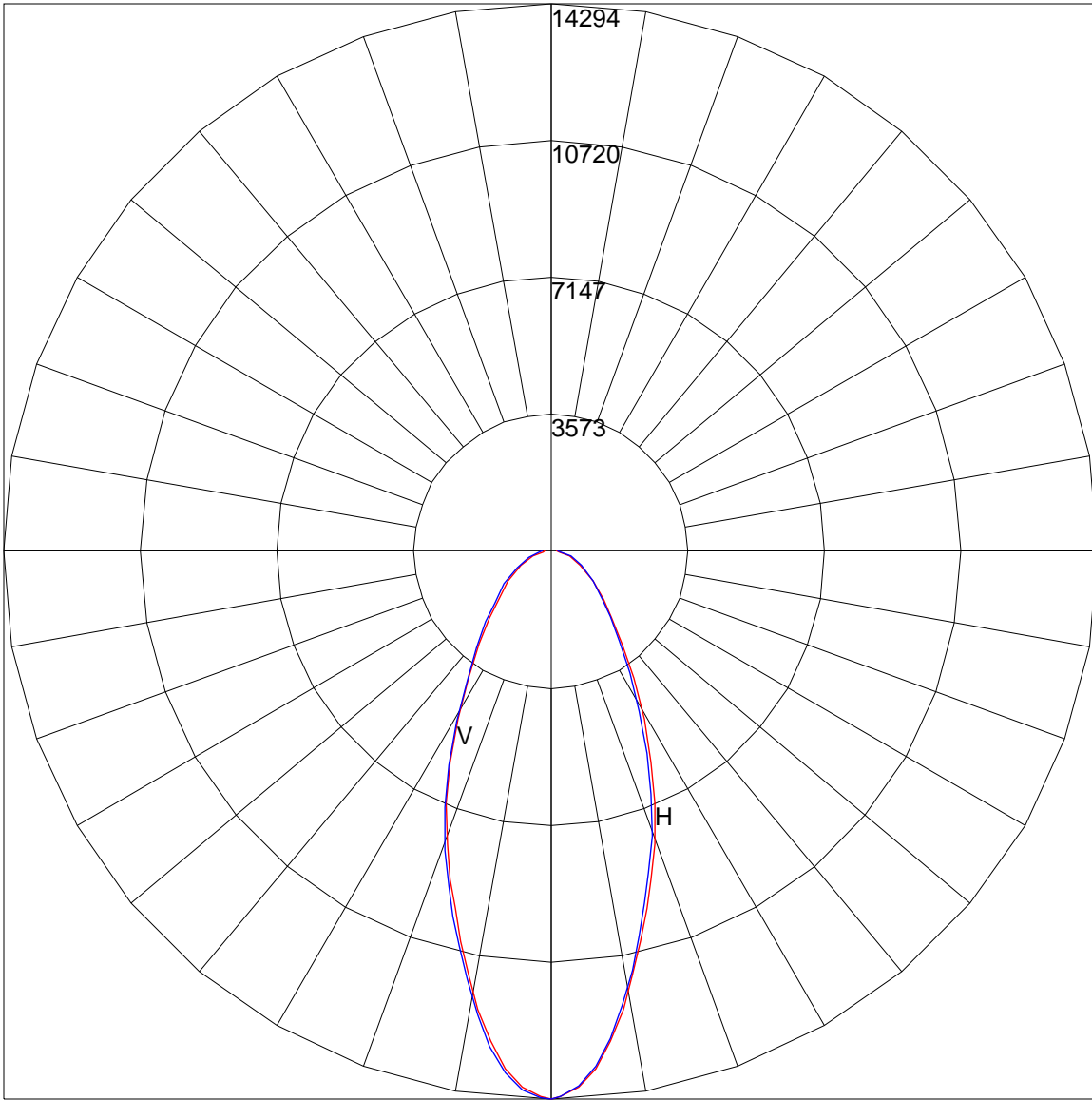
<b>13</b>	0.37	0.02	172.13
<b>11</b>	0.37	0.02	181.15
<b>9</b>	0.37	0.02	189.56
<b>7</b>	0.38	0.02	196.98
<b>5</b>	0.38	0.02	202.84
<b>3</b>	0.38	0.02	206.73
<b>1</b>	0.19	0.01	104.11
<b>0</b>	0.19	0.01	104.21
<b>-1</b>	0.37	0.02	207.82
<b>-3</b>	0.37	0.02	205.23
<b>-5</b>	0.37	0.02	200.46
<b>-7</b>	0.37	0.02	193.83
<b>-9</b>	0.37	0.02	186.06
<b>-11</b>	0.37	0.02	177.62
<b>-13</b>	0.36	0.02	168.81
<b>-15</b>	0.36	0.02	159.85
<b>-17</b>	0.45	0.03	186.79
<b>-19.5</b>	0.53	0.03	204.14
<b>-22.5</b>	0.52	0.03	181.66
<b>-25.5</b>	0.59	0.04	184.56
<b>-29</b>	0.66	0.04	179.21
<b>-33</b>	0.71	0.05	168.85
<b>-37.5</b>	0.75	0.05	156.14
<b>-42.5</b>	0.71	0.05	130.26
<b>-47.5</b>	0.98	0.08	158.11
<b>-55</b>	1.15	0.10	155.59
<b>-65</b>	0.98	0.10	103.54
<b>-75</b>	0.85	0.10	60.61

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : FL2-20L-40-8-N6-U-Y-GM.IES**

**LUMENS TABULATION - (Cont.)**

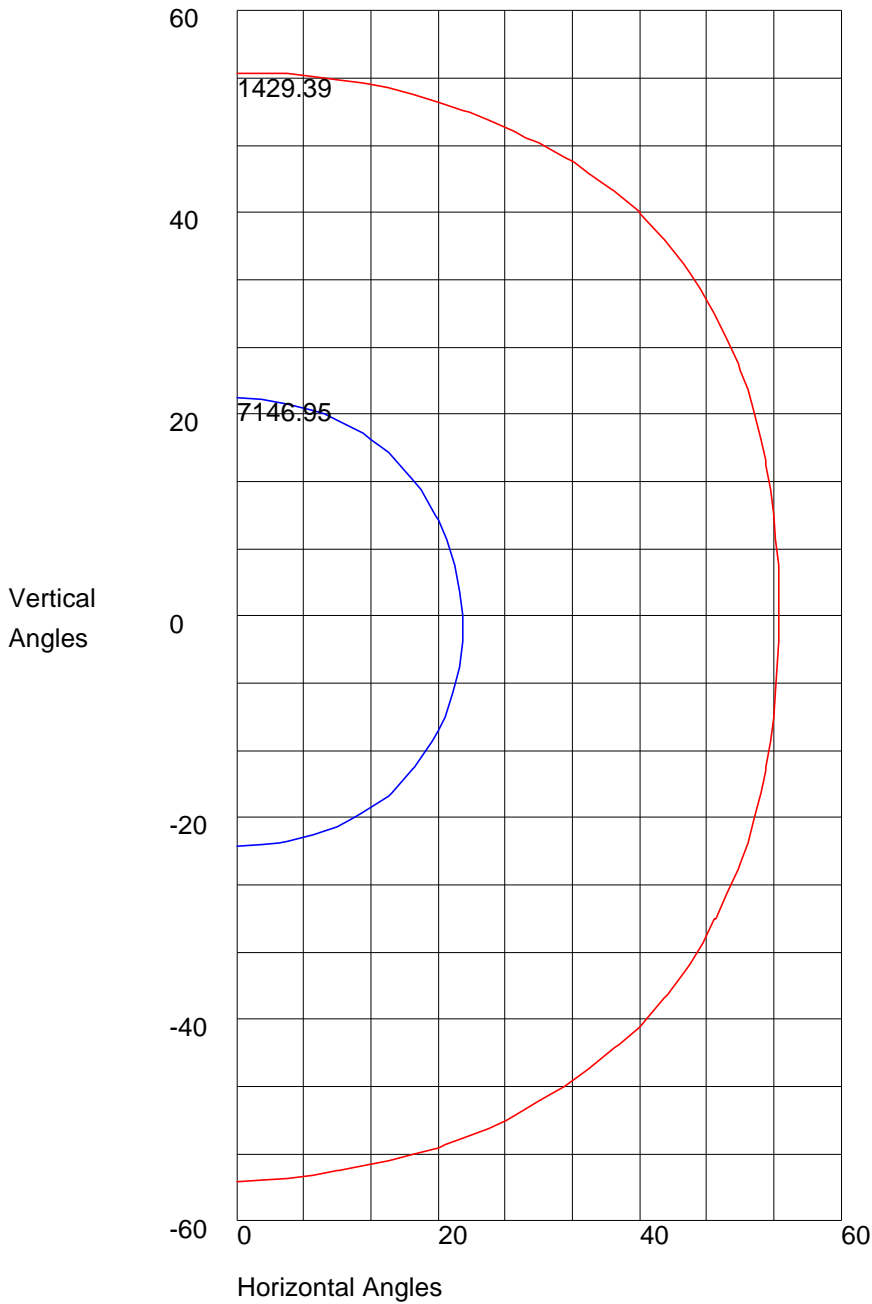
<b>-85</b>	0.39	0.05	18.47
<b>-90</b>			
<b>Total</b>	25.20	1.94	6854.9

AXIAL CANDELA DISPLAY



Maximum Candela = 14293.9 Located At Horizontal Angle = 0, Vertical Angle = 0  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 14293.9 Located At Horizontal Angle = 0, Vertical Angle = 0  
50% Maximum Candela = 7146.95  
10% Maximum Candela = 1429.39