

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P645577 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA6D-735-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645577 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-22)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6D-735-U-LAM-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (96) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 31477.4 lumens
Efficiency: N/A
Efficacy: 96.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 7H x 7V
Max Intensity: 13424.3 candela
Max Intensity Angle: 0°H x -20°V

Beam Angle (50%): 105.6°H x 93.7°V
Beam Lumens: 24607.1 lumens
Beam Efficiency: 78.2%

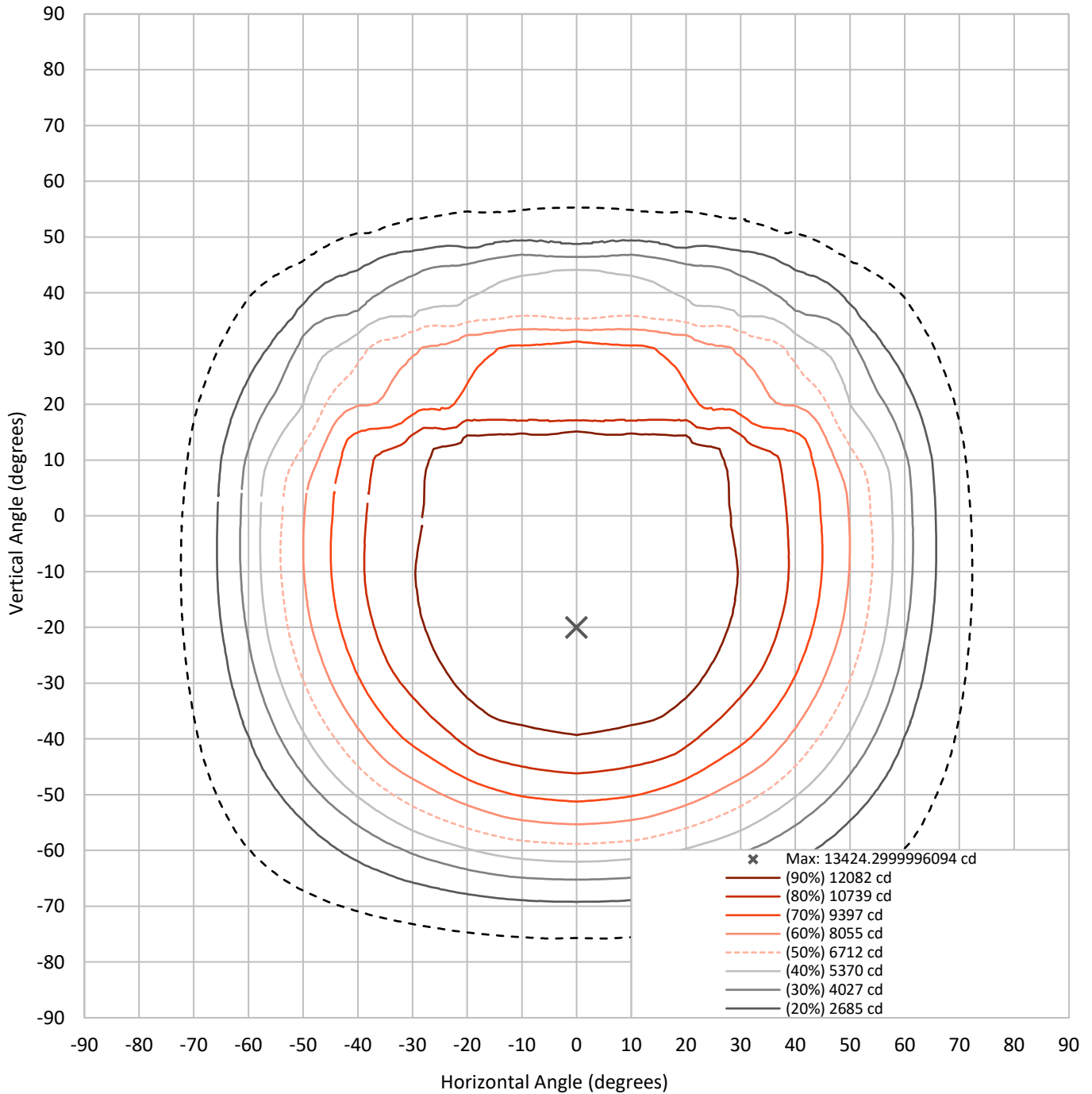
Field Angle (10%): 144°H x 131.2°V
Field Lumens: 30852.3 lumens
Field Efficiency: 98.0%

Input Watts (W): 325.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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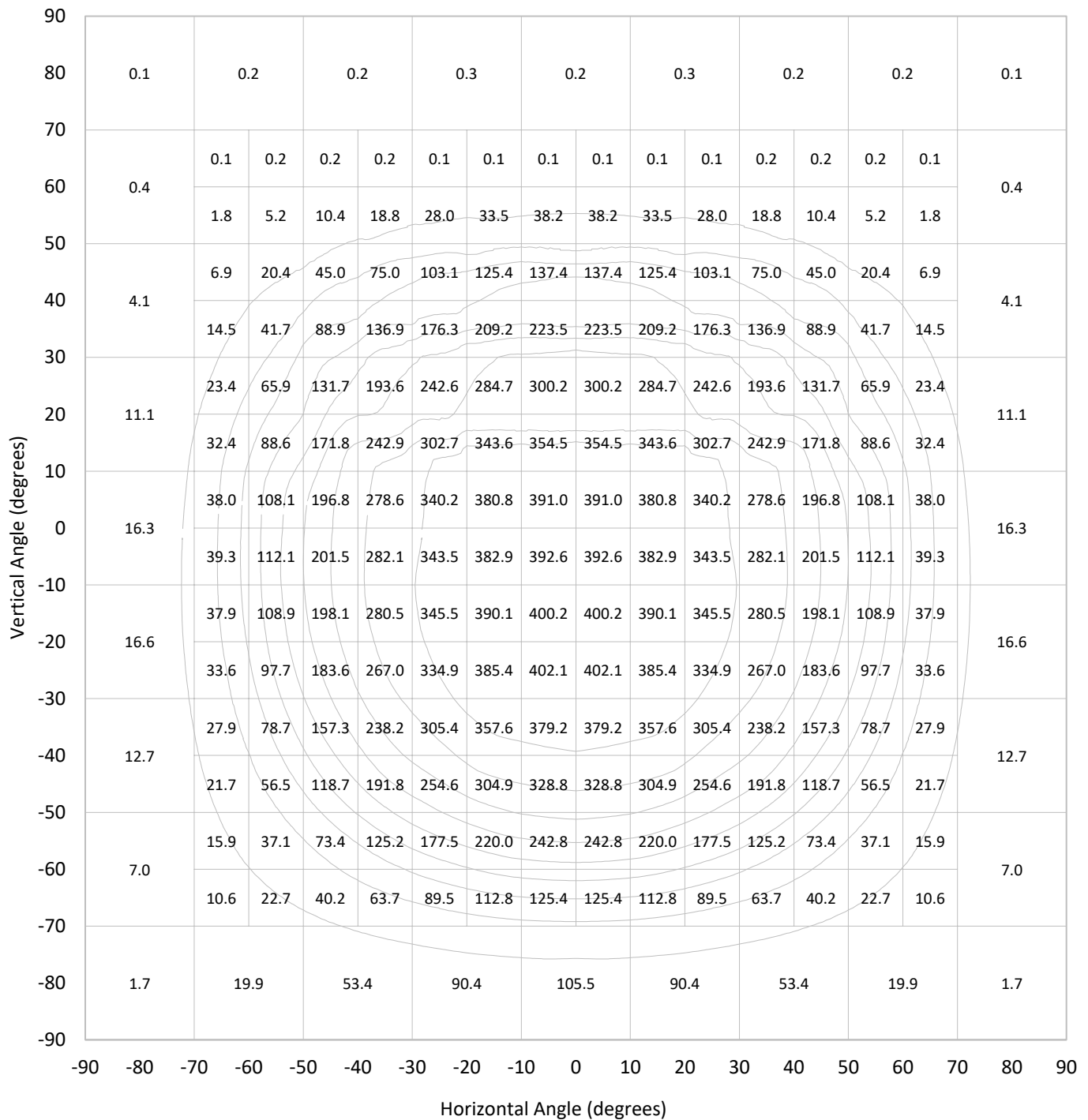
Iso-Candela Plot





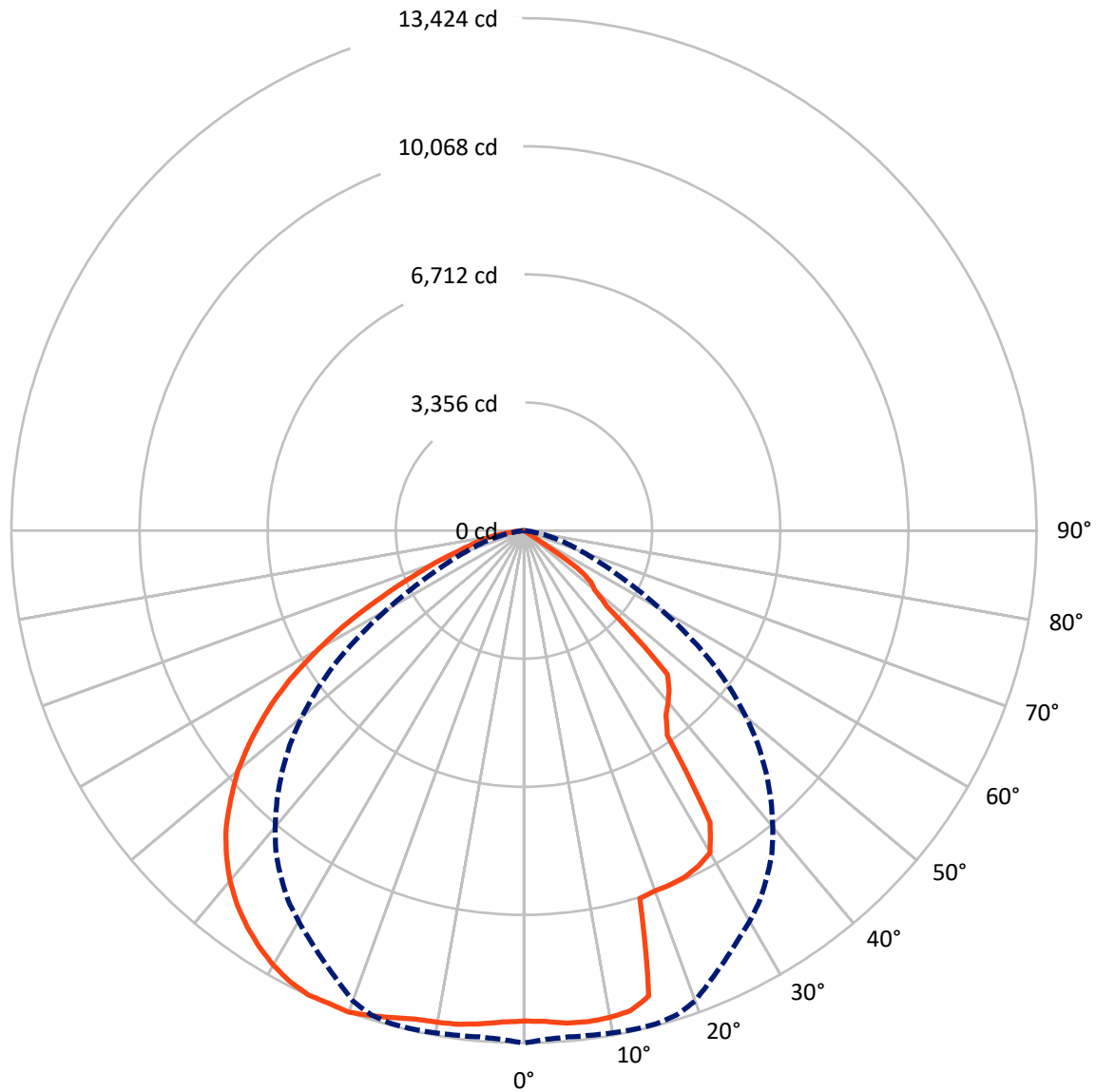
REPORT NUMBER: P645577 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P645577 (CONVERTED FROM TYPE C PHOTOMETRY)
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Luminous Intensity Polar Plot

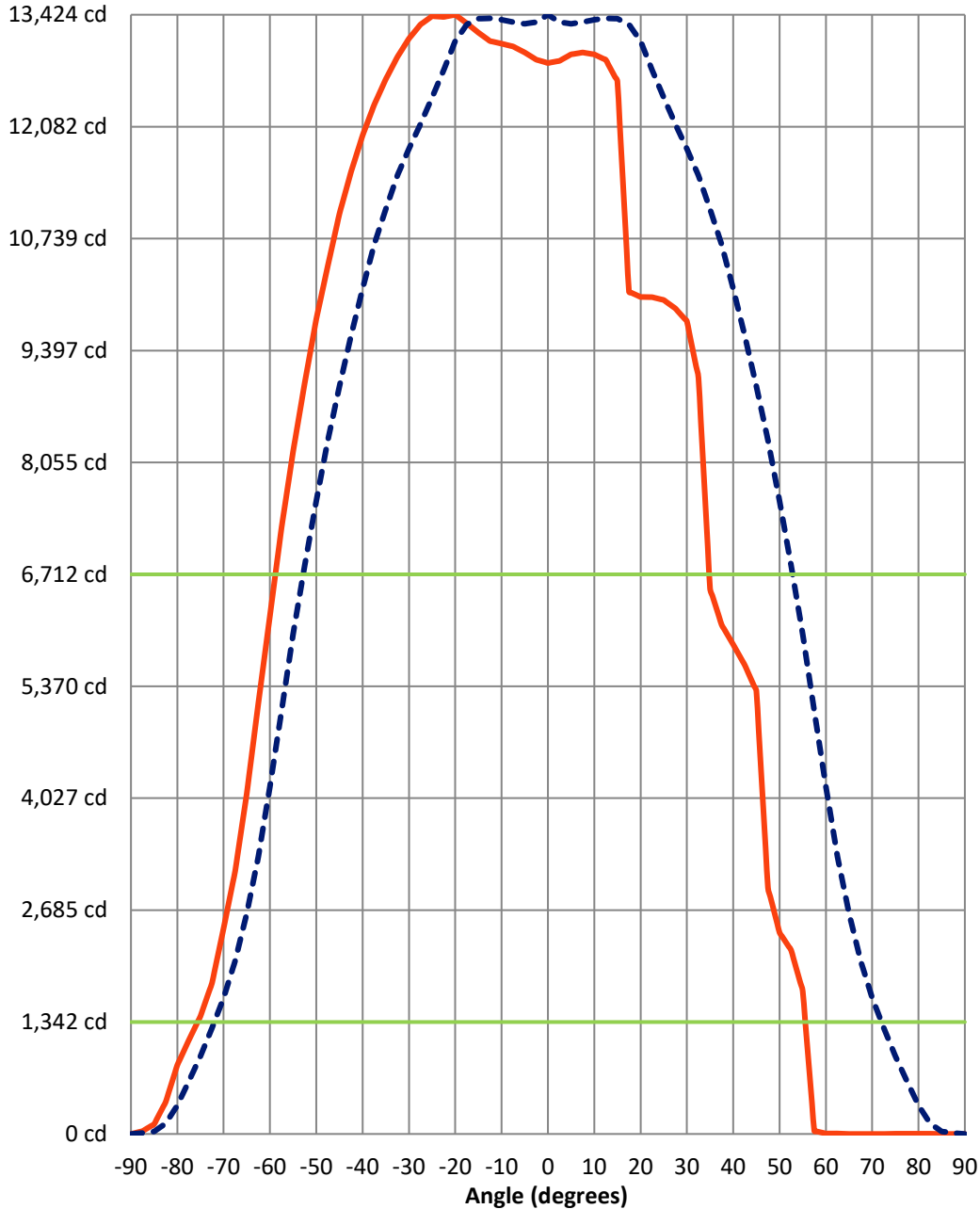


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through -20-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 24607.1
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 30852.3
 Efficiency: 98.0%

Spill:
 Lumens: 625.1
 Efficiency: 2.0%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through -20-Deg

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Scaled Data Report



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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.3	0.5	0.7	1.0	1.2	1.5	1.5	1.5	1.4	1.2
85°	0.0	0.6	1.0	1.5	2.0	2.5	2.9	3.0	3.0	2.8	2.5
82.5°	0.0	0.9	1.5	2.2	3.0	3.7	4.4	4.5	4.3	3.6	3.0
80°	0.0	1.2	2.0	3.0	3.9	4.9	5.7	5.1	4.4	3.7	3.0
77.5°	0.0	1.6	2.5	3.7	4.9	5.8	5.7	5.1	4.4	3.7	3.0
75°	0.0	1.9	3.0	4.4	5.7	5.9	5.8	5.2	4.5	3.8	3.1
72.5°	0.0	2.2	3.5	5.1	6.0	6.1	5.9	5.2	4.5	3.9	3.2
70°	0.0	2.5	4.0	5.8	6.3	6.4	6.0	5.3	4.6	4.0	4.6
67.5°	0.0	2.8	4.5	6.0	6.6	6.6	6.7	5.4	4.8	6.4	6.5
65°	0.0	3.1	5.0	6.3	6.9	7.6	7.7	5.4	7.6	8.9	11.2
62.5°	0.0	3.4	5.6	6.6	7.2	9.4	9.0	7.6	10.6	15.7	25.0
60°	0.0	3.7	6.1	6.9	7.5	11.5	10.6	10.8	13.8	39.8	43.3
57.5°	0.0	4.0	6.4	7.2	9.7	13.8	19.6	15.3	39.0	67.6	78.5
55°	0.0	4.3	6.7	7.5	12.1	16.3	31.3	24.7	72.3	104.3	127.2
52.5°	0.0	4.5	7.0	7.9	14.6	20.8	44.9	62.8	108.5	163.8	184.4
50°	0.0	4.8	7.4	8.2	17.2	35.6	60.5	106.1	155.2	229.8	288.1
47.5°	0.0	5.1	7.7	9.0	20.0	51.4	81.3	151.5	223.6	302.6	394.1
45°	0.0	5.4	8.1	11.1	22.8	68.4	122.7	198.9	300.2	394.4	496.9
42.5°	0.0	5.6	8.4	13.3	25.8	86.4	165.0	259.2	378.1	483.8	615.5
40°	0.0	5.9	8.8	16.1	34.7	105.5	208.3	327.7	458.3	571.5	742.4
37.5°	0.0	6.1	9.2	19.5	49.7	125.7	252.4	396.4	542.5	676.9	875.0
35°	0.0	6.4	9.5	23.4	64.9	156.1	297.3	465.0	628.0	806.3	1031.6
32.5°	0.0	6.6	9.9	27.6	80.3	191.4	345.8	533.4	714.5	936.4	1222.2
30°	0.0	6.8	10.3	32.1	95.8	226.5	401.4	602.4	801.8	1066.9	1405.0
27.5°	0.0	7.0	10.7	37.0	114.9	261.1	455.8	674.3	897.8	1197.1	1579.8
25°	0.0	7.2	11.0	42.1	134.5	295.2	509.0	745.4	1006.1	1339.4	1746.4
22.5°	0.0	7.4	11.4	47.4	154.1	330.0	560.6	815.4	1112.2	1481.7	1915.0
20°	0.0	7.6	11.8	52.8	173.4	367.3	610.5	883.8	1215.6	1615.8	2079.5
17.5°	0.0	7.8	12.1	58.4	192.5	403.4	659.8	950.4	1315.6	1741.8	2238.9
15°	0.0	7.9	12.5	64.0	211.1	438.1	707.2	1012.2	1411.8	1859.2	2392.0
12.5°	0.0	8.1	12.8	69.6	229.0	471.1	751.6	1067.4	1488.5	1968.0	2537.7
10°	0.0	8.2	13.1	75.1	246.2	502.4	792.7	1118.1	1545.7	2033.3	2656.4
7.5°	0.0	8.3	13.5	80.4	262.4	531.6	830.5	1164.4	1594.4	2083.8	2725.6
5°	0.0	8.4	13.8	85.5	277.6	558.5	864.8	1206.1	1635.0	2124.6	2781.9
2.5°	0.0	8.5	14.0	90.2	291.4	583.0	895.6	1243.2	1668.0	2156.0	2824.9
0°	0.0	8.6	14.3	94.6	303.8	604.7	922.8	1275.4	1693.8	2178.2	2854.5
-2.5°	0.0	9.1	16.5	100.8	315.4	618.5	936.3	1294.2	1703.1	2206.3	2873.8
-5°	0.0	9.6	18.7	106.4	325.2	629.4	946.2	1307.9	1706.3	2224.6	2879.9
-7.5°	0.0	10.0	20.9	111.5	333.2	637.3	952.5	1316.5	1703.9	2232.0	2873.5
-10°	0.0	10.4	23.0	115.9	339.3	642.2	955.4	1319.8	1696.6	2227.6	2855.3
-12.5°	0.0	10.8	24.9	119.6	343.3	644.3	954.9	1317.6	1684.9	2209.6	2823.9
-15°	0.0	11.2	26.8	122.5	345.3	643.3	951.1	1309.8	1671.6	2174.6	2778.5
-17.5°	0.0	11.5	28.5	124.7	345.0	639.5	944.2	1294.0	1655.3	2130.8	2719.3
-20°	0.0	11.8	30.1	125.9	342.5	632.7	933.4	1271.5	1632.2	2078.6	2646.4



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 CATALOG NUMBER: GFLD-SA6D-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	12.0	31.5	126.3	337.7	623.0	917.8	1244.4	1602.1	2018.5	2559.7
-25°	0.0	12.2	32.8	125.7	330.5	608.1	898.6	1213.0	1564.8	1950.7	2459.4
-27.5°	0.0	12.3	33.9	124.2	320.9	589.4	875.7	1177.3	1520.4	1885.1	2370.5
-30°	0.0	12.4	34.8	121.6	308.8	568.1	849.3	1137.4	1471.9	1829.7	2275.6
-32.5°	0.0	12.4	35.4	118.0	294.8	544.4	819.4	1100.6	1420.5	1765.6	2174.1
-35°	0.0	12.4	35.9	113.4	279.2	518.1	787.0	1061.8	1364.8	1692.9	2066.4
-37.5°	0.0	12.4	36.2	107.7	262.0	491.8	752.1	1018.9	1305.2	1611.8	1960.0
-40°	0.0	12.2	36.2	101.0	243.2	467.9	714.6	972.0	1241.8	1535.1	1854.9
-42.5°	0.0	12.0	36.0	93.8	229.1	442.3	674.5	921.2	1180.5	1454.1	1741.8
-45°	0.0	11.8	35.6	86.4	219.4	415.1	631.8	868.6	1117.8	1367.7	1624.6
-47.5°	0.0	11.5	34.9	78.0	207.9	386.3	586.8	816.0	1050.6	1277.1	1523.3
-50°	0.0	11.2	34.0	75.3	194.8	356.0	549.1	760.8	976.4	1194.0	1417.1
-52.5°	0.0	10.8	33.0	73.8	179.9	324.2	511.4	703.1	905.3	1108.3	1308.2
-55°	0.0	10.3	31.6	71.5	163.5	300.2	472.2	644.7	834.1	1020.3	1211.6
-57.5°	0.0	9.8	30.1	68.3	145.4	275.7	431.6	598.4	760.4	936.0	1112.7
-60°	0.0	9.3	28.4	64.5	126.5	249.1	390.3	547.1	686.6	850.8	1014.0
-62.5°	0.0	8.7	26.7	59.9	117.5	220.3	352.7	491.4	618.3	763.3	917.4
-65°	0.0	8.0	24.8	54.6	107.3	189.6	312.3	433.5	546.0	675.4	818.4
-67.5°	0.0	7.3	22.8	48.8	95.9	163.9	269.4	376.1	469.9	583.7	711.5
-70°	0.0	6.6	20.6	42.3	83.4	143.4	224.1	317.3	401.7	487.8	597.7
-72.5°	0.0	5.9	18.3	37.2	69.9	121.4	189.6	257.2	332.2	408.4	485.5
-75°	0.0	5.1	15.9	32.4	55.7	98.1	155.0	207.2	261.5	327.9	395.2
-77.5°	0.0	4.3	13.4	27.3	46.0	73.6	118.7	160.2	203.4	250.1	303.4
-80°	0.0	3.5	10.8	22.1	37.2	56.1	81.0	112.3	145.6	181.8	220.7
-82.5°	0.0	2.6	8.2	16.7	28.1	42.4	59.5	72.1	87.0	112.5	140.0
-85°	0.0	1.7	5.5	11.2	18.8	28.4	39.9	48.2	56.7	65.6	74.9
-87.5°	0.0	0.9	2.7	5.6	9.4	14.3	20.0	24.1	28.4	32.9	37.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.3	1.4	1.6	1.7	1.8	1.9	2.0	2.1	2.1	2.2	2.3
85°	2.7	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
82.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
80°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
77.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
75°	2.9	2.9	3.1	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9
72.5°	3.4	3.7	3.6	3.2	2.9	2.9	2.9	2.9	2.9	2.9	2.9
70°	4.5	4.6	4.0	3.4	2.9	3.1	3.3	3.2	2.9	2.9	2.9
67.5°	5.5	4.8	4.2	4.0	4.0	4.3	4.2	3.5	2.9	2.9	3.0
65°	5.6	5.0	7.2	8.1	6.0	5.1	4.4	3.7	3.9	4.1	4.1
62.5°	8.5	10.7	13.7	24.2	18.1	5.2	9.4	11.1	8.2	6.8	7.3
60°	28.0	19.0	56.5	80.9	50.5	18.4	22.5	74.9	64.9	12.0	40.5
57.5°	58.9	80.7	148.7	151.4	104.7	72.3	210.2	242.8	183.8	107.3	164.1
55°	129.6	199.1	246.6	228.3	249.3	377.6	448.7	403.1	339.4	522.0	666.9
52.5°	253.1	324.1	340.2	390.6	559.1	642.4	615.6	658.3	853.7	1060.2	1105.0
50°	373.7	431.7	477.0	689.6	821.5	829.8	891.1	1084.6	1345.2	1471.6	1441.1
47.5°	490.2	550.4	761.0	965.4	1024.6	1105.8	1258.8	1632.4	1908.4	1913.9	1882.7
45°	613.4	774.0	1042.9	1176.2	1272.3	1429.2	1798.9	2314.3	2341.1	2415.9	2876.5
42.5°	745.2	1026.6	1261.2	1399.9	1555.1	1847.9	2341.2	2679.4	2795.7	3123.5	3493.9
40°	958.7	1270.5	1475.6	1652.7	1852.4	2279.6	2820.0	3136.8	3231.3	3515.0	3793.5
37.5°	1175.2	1474.3	1704.0	1917.8	2194.4	2771.1	3396.4	3657.6	3705.4	3757.3	4374.3
35°	1383.9	1683.3	1958.2	2238.0	2577.2	3407.5	3953.9	4199.5	4192.0	4542.2	5188.3
32.5°	1578.8	1896.8	2221.4	2595.5	3155.3	4005.9	4552.5	4699.6	4922.7	5432.4	6314.2
30°	1773.6	2135.1	2507.7	2953.5	3662.7	4399.9	5023.9	5260.5	5642.9	6224.5	6866.4
27.5°	1974.2	2379.4	2830.0	3352.3	4063.0	4740.7	5273.7	5839.2	6210.6	6731.9	7188.5
25°	2174.0	2638.0	3148.2	3701.0	4349.2	4980.8	5532.1	6185.2	6583.9	7004.2	7430.2
22.5°	2383.4	2900.2	3476.5	3977.3	4590.5	5185.0	5841.3	6549.6	7068.1	7335.2	7621.1
20°	2602.5	3183.9	3798.5	4353.4	4828.6	5374.6	6151.7	7012.2	7681.6	7982.2	8021.3
17.5°	2818.2	3458.8	4119.6	4720.3	5232.9	5718.8	6477.5	7566.5	8398.9	8678.3	8802.5
15°	3028.8	3723.2	4439.0	5077.4	5640.1	6234.3	7044.5	8151.9	9103.5	9412.7	9608.2
12.5°	3231.9	3975.3	4753.1	5422.6	6047.6	6714.1	7559.3	8573.1	9441.7	10039.8	10398.5
10°	3425.5	4213.3	5058.0	5754.0	6450.5	7159.1	7985.3	8886.8	9593.9	10170.7	10680.0
7.5°	3523.2	4368.9	5320.0	6069.5	6843.2	7570.4	8334.2	9108.0	9703.5	10269.3	10761.7
5°	3589.5	4432.8	5401.8	6179.3	7051.9	7844.8	8586.3	9253.3	9775.1	10335.9	10816.8
2.5°	3636.9	4474.2	5457.2	6239.5	7130.3	7929.2	8659.0	9301.8	9834.1	10383.5	10876.0
0°	3665.6	4493.9	5485.5	6276.5	7179.3	7984.7	8701.2	9320.2	9873.3	10406.4	10936.6
-2.5°	3681.8	4554.0	5504.3	6371.6	7226.7	8032.5	8760.3	9364.4	9942.5	10449.7	10981.3
-5°	3679.7	4589.9	5499.4	6435.6	7249.4	8051.2	8789.8	9384.5	9980.0	10482.2	10999.4
-7.5°	3659.8	4598.2	5474.5	6455.7	7250.3	8044.9	8776.8	9394.1	9979.4	10512.0	11001.2
-10°	3624.1	4565.7	5451.6	6403.8	7222.6	8012.2	8737.2	9373.0	9956.1	10506.0	10991.7
-12.5°	3582.2	4498.7	5403.9	6329.3	7166.0	7951.3	8677.0	9319.4	9912.5	10461.0	10969.7
-15°	3519.1	4409.5	5325.4	6234.5	7080.0	7862.6	8598.9	9231.7	9845.2	10382.5	10904.7
-17.5°	3434.4	4299.1	5214.9	6122.1	6964.2	7746.9	8498.7	9116.1	9726.7	10281.7	10785.8
-20°	3327.6	4168.2	5071.4	5994.4	6817.0	7591.6	8319.9	8966.5	9573.1	10137.6	10667.3

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P645577 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6D-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	3198.6	4017.8	4898.5	5821.9	6633.5	7399.3	8118.9	8775.8	9404.4	9950.4	10514.8
-25°	3069.3	3858.8	4707.5	5583.3	6420.3	7182.8	7904.5	8544.5	9186.9	9755.0	10291.1
-27.5°	2945.5	3674.3	4485.8	5320.5	6178.6	6937.5	7652.8	8293.3	8916.9	9537.9	10054.1
-30°	2806.5	3460.9	4242.8	5040.0	5876.5	6649.2	7369.8	8034.5	8627.9	9241.1	9795.3
-32.5°	2653.2	3234.5	3986.0	4753.0	5541.8	6331.5	7045.4	7705.6	8323.0	8903.0	9484.8
-35°	2503.3	3051.7	3714.0	4444.8	5187.1	5961.9	6676.3	7330.1	7970.9	8545.4	9101.3
-37.5°	2368.4	2853.7	3424.8	4123.0	4832.3	5565.1	6291.7	6924.7	7534.4	8166.1	8708.2
-40°	2222.5	2641.1	3174.4	3791.5	4460.1	5157.0	5852.7	6507.4	7080.6	7704.9	8301.1
-42.5°	2069.6	2468.0	2927.3	3440.6	4071.7	4728.8	5400.3	6040.8	6636.1	7225.0	7815.8
-45°	1935.8	2284.8	2676.0	3144.9	3658.8	4276.8	4912.6	5551.1	6122.3	6683.5	7267.0
-47.5°	1793.4	2100.6	2462.3	2836.9	3283.5	3800.3	4398.2	4987.0	5571.8	6105.7	6622.1
-50°	1651.6	1934.7	2232.0	2569.2	2937.8	3356.6	3853.3	4400.6	4934.8	5483.0	5994.5
-52.5°	1529.5	1760.3	2028.9	2310.3	2625.9	2972.4	3370.3	3819.9	4305.7	4771.0	5281.2
-55°	1402.7	1610.8	1827.6	2075.3	2337.9	2630.3	2956.5	3334.5	3705.1	4135.4	4552.0
-57.5°	1287.1	1462.5	1647.4	1852.0	2080.1	2314.1	2599.2	2893.2	3229.6	3564.0	3893.8
-60°	1178.0	1321.4	1478.3	1651.5	1834.8	2043.1	2255.9	2508.4	2779.3	3046.2	3326.1
-62.5°	1068.1	1188.7	1316.6	1460.5	1620.3	1777.8	1959.4	2153.9	2353.3	2579.5	2800.2
-65°	955.1	1052.6	1161.0	1280.4	1407.9	1542.0	1681.6	1825.6	1995.1	2160.9	2321.4
-67.5°	835.1	918.6	1006.3	1100.2	1207.2	1312.5	1417.6	1539.2	1664.1	1786.8	1914.0
-70°	702.1	780.8	853.9	930.1	1009.6	1092.1	1181.9	1271.1	1359.1	1451.1	1553.1
-72.5°	566.8	639.2	703.6	759.8	825.2	893.7	959.3	1021.9	1088.3	1158.1	1227.2
-75°	452.0	499.9	557.3	609.8	661.8	710.0	753.3	806.4	861.9	912.6	954.3
-77.5°	352.8	396.3	435.6	470.8	512.2	560.5	602.7	638.9	674.1	712.5	753.2
-80°	256.7	292.8	328.6	361.2	385.0	412.3	444.6	481.6	513.6	539.7	563.4
-82.5°	165.7	191.8	218.4	245.5	256.6	264.1	271.2	284.0	303.8	323.4	342.1
-85°	82.6	90.1	106.4	123.1	128.8	132.9	135.6	137.1	143.9	150.1	155.5
-87.5°	41.3	45.1	48.9	52.6	50.6	47.9	44.6	40.6	39.6	38.4	37.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645577 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.4	2.4	2.5	2.6	2.6	2.0	1.4	0.7	0.0	0.0	0.0
85°	2.9	2.9	2.9	2.9	2.9	2.8	2.7	2.7	2.7	2.1	1.4
82.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8
80°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
77.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
75°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
72.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
70°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
67.5°	3.1	2.9	2.9	2.9	3.0	2.9	2.9	2.9	2.9	2.6	1.9
65°	4.0	3.9	4.1	4.0	3.5	3.4	3.6	3.5	3.2	2.5	1.7
62.5°	7.2	8.1	6.4	6.3	6.2	6.0	5.8	5.5	5.1	4.8	5.0
60°	44.9	26.5	15.5	18.1	16.3	10.8	13.8	16.2	16.3	15.0	13.2
57.5°	249.1	186.0	137.7	328.8	329.9	157.5	189.6	298.2	245.6	80.6	74.9
55°	693.0	828.8	1090.9	1036.2	1053.0	1211.2	1322.5	1170.8	1147.8	1223.1	1412.9
52.5°	1245.0	1374.6	1462.7	1545.1	1645.5	1753.4	1864.5	1935.2	2001.3	2071.7	2113.6
50°	1589.9	1772.4	1897.8	1851.6	2111.3	2217.6	2109.7	2206.2	2323.8	2356.0	2371.2
47.5°	2347.6	2615.3	2668.4	2840.9	2995.8	2992.5	2861.0	2868.6	3218.8	3527.6	3679.3
45°	3373.9	3383.0	3551.3	3855.8	4073.4	4005.0	4188.7	4606.2	4745.3	4879.7	4989.9
42.5°	3773.7	3939.4	4208.0	4477.2	4639.5	4780.2	4916.2	5069.7	5250.2	5396.5	5513.5
40°	4160.8	4294.3	4569.3	4786.2	4920.6	5052.0	5210.4	5380.5	5545.7	5674.3	5762.1
37.5°	4756.7	4860.2	4927.1	5128.4	5382.6	5265.3	5566.0	5781.6	5880.1	6010.7	6022.5
35°	5658.1	5589.3	5500.1	6301.3	6349.3	6078.7	6359.9	6694.1	6518.0	6884.9	7082.1
32.5°	6457.3	6447.0	7146.4	7567.6	7325.2	7523.1	8171.3	8142.6	8574.6	8775.1	8717.9
30°	7210.2	7467.1	7871.6	8185.3	8227.3	8539.2	8827.1	9079.3	9340.1	9573.9	9590.0
27.5°	7592.4	7927.7	8202.2	8383.7	8586.3	8848.8	9110.1	9394.1	9615.9	9762.5	9798.3
25°	7823.6	8166.1	8373.9	8569.4	8793.1	9019.5	9312.0	9621.2	9799.4	9889.9	9918.7
22.5°	8027.4	8335.2	8558.7	8717.3	8957.9	9201.6	9474.2	9736.1	9929.7	9969.1	9983.6
20°	8223.6	8519.4	8892.6	9126.1	9114.4	9388.9	9651.7	9859.9	10021.3	10020.4	10024.2
17.5°	8791.3	8896.8	9574.3	10088.5	9833.9	9699.6	10422.2	10435.9	10478.8	10393.5	10208.6
15°	9631.6	9823.9	10656.1	11213.6	11038.0	11028.8	12072.6	11813.8	12036.6	11978.2	12228.9
12.5°	10521.9	10749.4	11371.3	11918.8	12179.6	12243.7	12592.4	12919.1	12986.2	12959.7	12910.4
10°	11128.3	11452.4	11702.2	12034.6	12297.7	12566.1	12768.1	13002.6	13079.4	13035.0	12972.2
7.5°	11207.3	11527.7	11820.9	12112.5	12363.1	12579.3	12788.9	12979.9	13058.1	13032.2	12989.1
5°	11257.5	11547.7	11832.0	12127.8	12367.4	12567.8	12776.6	12970.1	13016.3	12985.2	12943.1
2.5°	11288.5	11557.1	11831.1	12125.7	12343.3	12534.1	12745.4	12951.9	12951.5	12937.9	12913.4
0°	11303.5	11572.9	11891.0	12157.5	12401.2	12581.7	12790.9	12991.5	12977.2	12940.0	12897.0
-2.5°	11335.7	11608.7	11933.3	12154.2	12428.8	12594.2	12810.5	12984.3	12977.5	12959.2	12937.9
-5°	11364.4	11671.4	11975.1	12207.4	12482.7	12699.0	12913.9	13049.8	13057.0	13031.5	12995.7
-7.5°	11381.9	11722.2	12012.0	12245.3	12512.3	12763.8	12981.8	13124.4	13127.5	13093.6	13050.7
-10°	11376.1	11735.4	12033.6	12274.7	12548.2	12796.5	13024.4	13205.2	13199.4	13167.0	13130.4
-12.5°	11354.6	11713.4	12019.8	12261.6	12572.1	12827.7	13084.1	13263.9	13273.5	13249.3	13209.7
-15°	11307.4	11677.8	11975.8	12239.9	12544.2	12843.1	13106.6	13304.9	13340.3	13320.5	13289.2
-17.5°	11214.0	11605.0	11921.0	12205.6	12497.5	12816.1	13115.8	13332.7	13381.1	13373.2	13347.2
-20°	11091.4	11494.9	11815.6	12113.9	12431.7	12759.8	13108.5	13306.7	13376.9	13381.4	13363.8

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P645577 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6D-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	10953.7	11348.7	11689.0	11982.2	12326.9	12659.0	12974.8	13206.9	13324.8	13346.8	13348.2
-25°	10788.7	11194.6	11532.6	11844.9	12165.5	12508.5	12827.5	13086.7	13206.2	13263.4	13281.1
-27.5°	10555.5	10975.0	11307.7	11637.7	11963.8	12318.2	12653.5	12935.3	13032.5	13111.1	13142.5
-30°	10282.3	10697.1	11036.3	11337.9	11711.1	12072.4	12418.5	12664.3	12811.0	12900.8	12949.9
-32.5°	9968.1	10386.9	10743.0	11057.9	11412.5	11773.8	12099.4	12358.7	12560.9	12664.6	12717.0
-35°	9627.5	10055.0	10427.8	10759.6	11093.4	11437.8	11775.1	12046.4	12276.8	12365.8	12431.6
-37.5°	9216.5	9688.2	10070.4	10412.6	10729.8	11053.5	11404.8	11715.0	11938.7	12025.1	12094.4
-40°	8795.2	9251.0	9636.5	10001.5	10315.2	10668.6	11007.1	11332.1	11526.2	11627.0	11705.5
-42.5°	8350.4	8762.2	9128.7	9483.3	9832.5	10196.4	10534.6	10872.5	11040.4	11161.8	11258.1
-45°	7836.9	8220.1	8576.3	8908.1	9268.1	9625.9	9964.3	10262.8	10462.6	10620.7	10743.7
-47.5°	7152.3	7619.1	7976.7	8292.4	8649.3	8994.5	9322.4	9603.1	9822.2	10007.1	10149.9
-50°	6457.1	6905.1	7308.4	7663.0	7994.1	8313.3	8625.5	8900.1	9131.9	9332.3	9477.0
-52.5°	5772.4	6192.1	6592.4	6958.5	7276.8	7578.0	7863.6	8139.9	8384.4	8598.7	8738.6
-55°	4998.7	5433.5	5829.5	6170.8	6488.9	6786.7	7068.6	7330.6	7571.3	7789.6	7923.7
-57.5°	4272.9	4654.3	5022.7	5337.8	5638.0	5921.7	6189.0	6439.8	6671.5	6876.8	7006.2
-60°	3605.7	3883.8	4200.9	4491.8	4758.0	4999.4	5248.8	5482.7	5695.5	5876.0	5996.5
-62.5°	3016.1	3246.5	3475.5	3696.7	3912.6	4129.5	4338.3	4532.3	4710.1	4858.0	4963.6
-65°	2490.7	2675.9	2841.4	2998.3	3147.8	3318.9	3477.7	3627.0	3765.2	3878.6	3959.0
-67.5°	2050.9	2181.0	2295.5	2403.1	2521.0	2641.9	2755.2	2853.9	2938.4	3005.6	3058.7
-70°	1653.9	1749.7	1836.0	1921.8	2007.9	2086.5	2161.4	2234.0	2303.0	2359.2	2401.4
-72.5°	1295.2	1360.6	1419.4	1485.5	1547.5	1607.1	1659.0	1700.9	1733.4	1765.0	1792.7
-75°	987.4	1036.6	1102.9	1158.9	1205.2	1246.1	1283.6	1317.0	1346.4	1372.4	1395.3
-77.5°	794.2	836.0	878.1	919.0	958.5	987.9	1015.2	1042.5	1069.2	1092.3	1112.6
-80°	588.6	619.8	652.3	685.1	717.8	734.0	747.0	758.9	769.6	783.3	796.1
-82.5°	359.9	377.5	395.6	414.0	432.3	436.9	438.5	438.1	435.7	430.7	423.1
-85°	160.1	161.1	160.6	158.8	155.7	149.4	141.6	132.7	122.6	121.0	119.1
-87.5°	35.2	34.5	33.5	32.4	31.2	31.1	31.0	30.7	30.4	31.5	32.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645577 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
85°	0.7	0.0	0.0	0.0	0.0	0.0	0.7	1.4	2.1	2.7	2.7
82.5°	2.8	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.9	2.9	2.9
80°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
77.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
75°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
72.5°	2.9	2.9	1.5	0.0	1.5	2.9	2.9	2.9	2.9	2.9	2.9
70°	2.9	2.9	1.5	0.0	1.5	2.9	2.9	2.9	2.9	2.9	2.9
67.5°	1.1	0.2	0.0	0.0	0.0	0.2	1.1	1.9	2.6	2.9	2.9
65°	0.9	0.1	0.0	0.0	0.0	0.1	0.9	1.7	2.5	3.2	3.5
62.5°	5.2	5.4	5.6	5.7	5.6	5.4	5.2	5.0	4.8	5.1	5.5
60°	10.4	6.8	5.7	5.7	5.7	6.8	10.4	13.2	15.0	16.3	16.2
57.5°	63.3	47.2	40.2	37.3	40.2	47.2	63.3	74.9	80.6	245.6	298.2
55°	1548.8	1627.7	1686.6	1713.9	1686.6	1627.7	1548.8	1412.9	1223.1	1147.8	1170.8
52.5°	2150.5	2184.9	2204.6	2203.9	2204.6	2184.9	2150.5	2113.6	2071.7	2001.3	1935.2
50°	2397.1	2413.7	2419.7	2416.0	2419.7	2413.7	2397.1	2371.2	2356.0	2323.8	2206.2
47.5°	3540.7	3234.3	3009.0	2954.8	3009.0	3234.3	3540.7	3679.3	3527.6	3218.8	2868.6
45°	5042.7	5158.9	5274.7	5310.7	5274.7	5158.9	5042.7	4989.9	4879.7	4745.3	4606.2
42.5°	5562.9	5600.8	5622.2	5623.1	5622.2	5600.8	5562.9	5513.5	5396.5	5250.2	5069.7
40°	5811.2	5846.9	5867.7	5869.6	5867.7	5846.9	5811.2	5762.1	5674.3	5545.7	5380.5
37.5°	6036.7	6067.1	6087.1	6107.4	6087.1	6067.1	6036.7	6022.5	6010.7	5880.1	5781.6
35°	7055.5	6824.7	6492.8	6543.1	6492.8	6824.7	7055.5	7082.1	6884.9	6518.0	6694.1
32.5°	8807.3	8904.3	8964.8	9068.0	8964.8	8904.3	8807.3	8717.9	8775.1	8574.6	8142.6
30°	9615.5	9647.6	9696.1	9747.2	9696.1	9647.6	9615.5	9590.0	9573.9	9340.1	9079.3
27.5°	9817.2	9850.4	9880.0	9902.0	9880.0	9850.4	9817.2	9798.3	9762.5	9615.9	9394.1
25°	9922.8	9943.5	9974.9	10002.3	9974.9	9943.5	9922.8	9918.7	9889.9	9799.4	9621.2
22.5°	9975.2	9977.4	10001.9	10036.7	10001.9	9977.4	9975.2	9983.6	9969.1	9929.7	9736.1
20°	10011.2	9991.7	10017.0	10039.6	10017.0	9991.7	10011.2	10024.2	10020.4	10021.3	9859.9
17.5°	10469.5	10208.0	10100.6	10102.6	10100.6	10208.0	10469.5	10208.6	10393.5	10478.8	10435.9
15°	11947.6	12045.6	12421.6	12624.7	12421.6	12045.6	11947.6	12228.9	11978.2	12036.6	11813.8
12.5°	12901.4	12866.5	12821.8	12882.6	12821.8	12866.5	12901.4	12910.4	12959.7	12986.2	12919.1
10°	12945.5	12941.5	12862.0	12948.6	12862.0	12941.5	12945.5	12972.2	13035.0	13079.4	13002.6
7.5°	12918.4	12920.8	12887.0	12971.5	12887.0	12920.8	12918.4	12989.1	13032.2	13058.1	12979.9
5°	12936.4	12878.1	12900.1	12948.6	12900.1	12878.1	12936.4	12943.1	12985.2	13016.3	12970.1
2.5°	12886.3	12880.3	12837.3	12871.2	12837.3	12880.3	12886.3	12913.4	12937.9	12951.5	12951.9
0°	12848.2	12816.7	12816.7	12845.4	12816.7	12816.7	12848.2	12897.0	12940.0	12977.2	12991.5
-2.5°	12916.1	12909.4	12905.3	12885.5	12905.3	12909.4	12916.1	12937.9	12959.2	12977.5	12984.3
-5°	12971.8	12954.7	12907.8	12971.5	12907.8	12954.7	12971.8	12995.7	13031.5	13057.0	13049.8
-7.5°	13031.7	12988.1	12943.6	13043.1	12943.6	12988.1	13031.7	13050.7	13093.6	13127.5	13124.4
-10°	13086.4	13023.5	12980.2	13077.5	12980.2	13023.5	13086.4	13130.4	13167.0	13199.4	13205.2
-12.5°	13158.7	13085.2	13056.2	13109.1	13056.2	13085.2	13158.7	13209.7	13249.3	13273.5	13263.9
-15°	13235.9	13185.0	13178.2	13209.4	13178.2	13185.0	13235.9	13289.2	13320.5	13340.3	13304.9
-17.5°	13303.8	13268.0	13285.7	13321.1	13285.7	13268.0	13303.8	13347.2	13373.2	13381.1	13332.7
-20°	13336.1	13316.1	13336.0	13424.3	13336.0	13316.1	13336.1	13363.8	13381.4	13376.9	13306.7



REPORT NUMBER: P645577 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13333.3	13334.6	13369.7	13398.5	13369.7	13334.6	13333.3	13348.2	13346.8	13324.8	13206.9
-25°	13282.4	13309.3	13349.5	13407.1	13349.5	13309.3	13282.4	13281.1	13263.4	13206.2	13086.7
-27.5°	13159.7	13204.2	13246.3	13306.8	13246.3	13204.2	13159.7	13142.5	13111.1	13032.5	12935.3
-30°	12982.3	13035.3	13072.8	13137.7	13072.8	13035.3	12982.3	12949.9	12900.8	12811.0	12664.3
-32.5°	12766.4	12826.4	12870.7	12917.0	12870.7	12826.4	12766.4	12717.0	12664.6	12560.9	12358.7
-35°	12496.5	12561.1	12608.3	12650.5	12608.3	12561.1	12496.5	12431.6	12365.8	12276.8	12046.4
-37.5°	12172.3	12241.9	12295.6	12343.8	12295.6	12241.9	12172.3	12094.4	12025.1	11938.7	11715.0
-40°	11794.5	11865.9	11923.2	11977.0	11923.2	11865.9	11794.5	11705.5	11627.0	11526.2	11332.1
-42.5°	11352.8	11424.9	11484.1	11538.5	11484.1	11424.9	11352.8	11258.1	11161.8	11040.4	10872.5
-45°	10842.8	10916.9	10979.5	11036.9	10979.5	10916.9	10842.8	10743.7	10620.7	10462.6	10262.8
-47.5°	10255.3	10334.7	10388.2	10415.0	10388.2	10334.7	10255.3	10149.9	10007.1	9822.2	9603.1
-50°	9581.9	9661.2	9725.5	9773.0	9725.5	9661.2	9581.9	9477.0	9332.3	9131.9	8900.1
-52.5°	8840.8	8916.2	8971.5	9005.0	8971.5	8916.2	8840.8	8738.6	8598.7	8384.4	8139.9
-55°	8029.2	8108.3	8160.7	8185.3	8160.7	8108.3	8029.2	7923.7	7789.6	7571.3	7330.6
-57.5°	7108.7	7183.8	7239.6	7271.0	7239.6	7183.8	7108.7	7006.2	6876.8	6671.5	6439.8
-60°	6090.4	6157.5	6199.8	6216.3	6199.8	6157.5	6090.4	5996.5	5876.0	5695.5	5482.7
-62.5°	5048.8	5112.4	5152.0	5167.4	5152.0	5112.4	5048.8	4963.6	4858.0	4710.1	4532.3
-65°	4019.0	4058.8	4080.8	4084.0	4080.8	4058.8	4019.0	3959.0	3878.6	3765.2	3627.0
-67.5°	3100.6	3130.9	3149.3	3155.5	3149.3	3130.9	3100.6	3058.7	3005.6	2938.4	2853.9
-70°	2432.9	2453.8	2465.6	2467.6	2465.6	2453.8	2432.9	2401.4	2359.2	2303.0	2234.0
-72.5°	1813.9	1828.9	1823.6	1811.3	1823.6	1828.9	1813.9	1792.7	1765.0	1733.4	1700.9
-75°	1415.0	1431.5	1424.6	1412.9	1424.6	1431.5	1415.0	1395.3	1372.4	1346.4	1317.0
-77.5°	1130.4	1145.4	1138.0	1126.3	1138.0	1145.4	1130.4	1112.6	1092.3	1069.2	1042.5
-80°	807.2	816.0	822.3	825.4	822.3	816.0	807.2	796.1	783.3	769.6	758.9
-82.5°	413.2	401.1	393.3	384.0	393.3	401.1	413.2	423.1	430.7	435.7	438.1
-85°	116.8	114.0	115.9	117.5	115.9	114.0	116.8	119.1	121.0	122.6	132.7
-87.5°	33.4	34.3	34.4	34.4	34.4	34.3	33.4	32.4	31.5	30.4	30.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645577 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.4	2.0	2.6	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.1
85°	2.7	2.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
82.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
80°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
77.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
75°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
72.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
70°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.2
67.5°	2.9	2.9	3.0	2.9	2.9	2.9	3.1	3.0	2.9	2.9	3.5
65°	3.6	3.4	3.5	4.0	4.1	3.9	4.0	4.1	4.1	3.9	3.7
62.5°	5.8	6.0	6.2	6.3	6.4	8.1	7.2	7.3	6.8	8.2	11.1
60°	13.8	10.8	16.3	18.1	15.5	26.5	44.9	40.5	12.0	64.9	74.9
57.5°	189.6	157.5	329.9	328.8	137.7	186.0	249.1	164.1	107.3	183.8	242.8
55°	1322.5	1211.2	1053.0	1036.2	1090.9	828.8	693.0	666.9	522.0	339.4	403.1
52.5°	1864.5	1753.4	1645.5	1545.1	1462.7	1374.6	1245.0	1105.0	1060.2	853.7	658.3
50°	2109.7	2217.6	2111.3	1851.6	1897.8	1772.4	1589.9	1441.1	1471.6	1345.2	1084.6
47.5°	2861.0	2992.5	2995.8	2840.9	2668.4	2615.3	2347.6	1882.7	1913.9	1908.4	1632.4
45°	4188.7	4005.0	4073.4	3855.8	3551.3	3383.0	3373.9	2876.5	2415.9	2341.1	2314.3
42.5°	4916.2	4780.2	4639.5	4477.2	4208.0	3939.4	3773.7	3493.9	3123.5	2795.7	2679.4
40°	5210.4	5052.0	4920.6	4786.2	4569.3	4294.3	4160.8	3793.5	3515.0	3231.3	3136.8
37.5°	5566.0	5265.3	5382.6	5128.4	4927.1	4860.2	4756.7	4374.3	3757.3	3705.4	3657.6
35°	6359.9	6078.7	6349.3	6301.3	5500.1	5589.3	5658.1	5188.3	4542.2	4192.0	4199.5
32.5°	8171.3	7523.1	7325.2	7567.6	7146.4	6447.0	6457.3	6314.2	5432.4	4922.7	4699.6
30°	8827.1	8539.2	8227.3	8185.3	7871.6	7467.1	7210.2	6866.4	6224.5	5642.9	5260.5
27.5°	9110.1	8848.8	8586.3	8383.7	8202.2	7927.7	7592.4	7188.5	6731.9	6210.6	5839.2
25°	9312.0	9019.5	8793.1	8569.4	8373.9	8166.1	7823.6	7430.2	7004.2	6583.9	6185.2
22.5°	9474.2	9201.6	8957.9	8717.3	8558.7	8335.2	8027.4	7621.1	7335.2	7068.1	6549.6
20°	9651.7	9388.9	9114.4	9126.1	8892.6	8519.4	8223.6	8021.3	7982.2	7681.6	7012.2
17.5°	10422.2	9699.6	9833.9	10088.5	9574.3	8896.8	8791.3	8802.5	8678.3	8398.9	7566.5
15°	12072.6	11028.8	11038.0	11213.6	10656.1	9823.9	9631.6	9608.2	9412.7	9103.5	8151.9
12.5°	12592.4	12243.7	12179.6	11918.8	11371.3	10749.4	10521.9	10398.5	10039.8	9441.7	8573.1
10°	12768.1	12566.1	12297.7	12034.6	11702.2	11452.4	11128.3	10680.0	10170.7	9593.9	8886.8
7.5°	12788.9	12579.3	12363.1	12112.5	11820.9	11527.7	11207.3	10761.7	10269.3	9703.5	9108.0
5°	12776.6	12567.8	12367.4	12127.8	11832.0	11547.7	11257.5	10816.8	10335.9	9775.1	9253.3
2.5°	12745.4	12534.1	12343.3	12125.7	11831.1	11557.1	11288.5	10876.0	10383.5	9834.1	9301.8
0°	12790.9	12581.7	12401.2	12157.5	11891.0	11572.9	11303.5	10936.6	10406.4	9873.3	9320.2
-2.5°	12810.5	12594.2	12428.8	12154.2	11933.3	11608.7	11335.7	10981.3	10449.7	9942.5	9364.4
-5°	12913.9	12699.0	12482.7	12207.4	11975.1	11671.4	11364.4	10999.4	10482.2	9980.0	9384.5
-7.5°	12981.8	12763.8	12512.3	12245.3	12012.0	11722.2	11381.9	11001.2	10512.0	9979.4	9394.1
-10°	13024.4	12796.5	12548.2	12274.7	12033.6	11735.4	11376.1	10991.7	10506.0	9956.1	9373.0
-12.5°	13084.1	12827.7	12572.1	12261.6	12019.8	11713.4	11354.6	10969.7	10461.0	9912.5	9319.4
-15°	13106.6	12843.1	12544.2	12239.9	11975.8	11677.8	11307.4	10904.7	10382.5	9845.2	9231.7
-17.5°	13115.8	12816.1	12497.5	12205.6	11921.0	11605.0	11214.0	10785.8	10281.7	9726.7	9116.1
-20°	13108.5	12759.8	12431.7	12113.9	11815.6	11494.9	11091.4	10667.3	10137.6	9573.1	8966.5



REPORT NUMBER: P645577 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	12974.8	12659.0	12326.9	11982.2	11689.0	11348.7	10953.7	10514.8	9950.4	9404.4	8775.8
-25°	12827.5	12508.5	12165.5	11844.9	11532.6	11194.6	10788.7	10291.1	9755.0	9186.9	8544.5
-27.5°	12653.5	12318.2	11963.8	11637.7	11307.7	10975.0	10555.5	10054.1	9537.9	8916.9	8293.3
-30°	12418.5	12072.4	11711.1	11337.9	11036.3	10697.1	10282.3	9795.3	9241.1	8627.9	8034.5
-32.5°	12099.4	11773.8	11412.5	11057.9	10743.0	10386.9	9968.1	9484.8	8903.0	8323.0	7705.6
-35°	11775.1	11437.8	11093.4	10759.6	10427.8	10055.0	9627.5	9101.3	8545.4	7970.9	7330.1
-37.5°	11404.8	11053.5	10729.8	10412.6	10070.4	9688.2	9216.5	8708.2	8166.1	7534.4	6924.7
-40°	11007.1	10668.6	10315.2	10001.5	9636.5	9251.0	8795.2	8301.1	7704.9	7080.6	6507.4
-42.5°	10534.6	10196.4	9832.5	9483.3	9128.7	8762.2	8350.4	7815.8	7225.0	6636.1	6040.8
-45°	9964.3	9625.9	9268.1	8908.1	8576.3	8220.1	7836.9	7267.0	6683.5	6122.3	5551.1
-47.5°	9322.4	8994.5	8649.3	8292.4	7976.7	7619.1	7152.3	6622.1	6105.7	5571.8	4987.0
-50°	8625.5	8313.3	7994.1	7663.0	7308.4	6905.1	6457.1	5994.5	5483.0	4934.8	4400.6
-52.5°	7863.6	7578.0	7276.8	6958.5	6592.4	6192.1	5772.4	5281.2	4771.0	4305.7	3819.9
-55°	7068.6	6786.7	6488.9	6170.8	5829.5	5433.5	4998.7	4552.0	4135.4	3705.1	3334.5
-57.5°	6189.0	5921.7	5638.0	5337.8	5022.7	4654.3	4272.9	3893.8	3564.0	3229.6	2893.2
-60°	5248.8	4999.4	4758.0	4491.8	4200.9	3883.8	3605.7	3326.1	3046.2	2779.3	2508.4
-62.5°	4338.3	4129.5	3912.6	3696.7	3475.5	3246.5	3016.1	2800.2	2579.5	2353.3	2153.9
-65°	3477.7	3318.9	3147.8	2998.3	2841.4	2675.9	2490.7	2321.4	2160.9	1995.1	1825.6
-67.5°	2755.2	2641.9	2521.0	2403.1	2295.5	2181.0	2050.9	1914.0	1786.8	1664.1	1539.2
-70°	2161.4	2086.5	2007.9	1921.8	1836.0	1749.7	1653.9	1553.1	1451.1	1359.1	1271.1
-72.5°	1659.0	1607.1	1547.5	1485.5	1419.4	1360.6	1295.2	1227.2	1158.1	1088.3	1021.9
-75°	1283.6	1246.1	1205.2	1158.9	1102.9	1036.6	987.4	954.3	912.6	861.9	806.4
-77.5°	1015.2	987.9	958.5	919.0	878.1	836.0	794.2	753.2	712.5	674.1	638.9
-80°	747.0	734.0	717.8	685.1	652.3	619.8	588.6	563.4	539.7	513.6	481.6
-82.5°	438.5	436.9	432.3	414.0	395.6	377.5	359.9	342.1	323.4	303.8	284.0
-85°	141.6	149.4	155.7	158.8	160.6	161.1	160.1	155.5	150.1	143.9	137.1
-87.5°	31.0	31.1	31.2	32.4	33.5	34.5	35.2	37.0	38.4	39.6	40.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645577 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.0	1.9	1.8	1.7	1.6	1.4	1.3	1.2	1.4	1.5	1.5
85°	2.9	2.9	2.9	2.9	2.9	2.9	2.7	2.5	2.8	3.0	3.0
82.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.6	4.3	4.5
80°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.7	4.4	5.1
77.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.7	4.4	5.1
75°	2.9	2.9	2.9	3.0	3.1	2.9	2.9	3.1	3.8	4.5	5.2
72.5°	2.9	2.9	2.9	3.2	3.6	3.7	3.4	3.2	3.9	4.5	5.2
70°	3.3	3.1	2.9	3.4	4.0	4.6	4.5	4.6	4.0	4.6	5.3
67.5°	4.2	4.3	4.0	4.0	4.2	4.8	5.5	6.5	6.4	4.8	5.4
65°	4.4	5.1	6.0	8.1	7.2	5.0	5.6	11.2	8.9	7.6	5.4
62.5°	9.4	5.2	18.1	24.2	13.7	10.7	8.5	25.0	15.7	10.6	7.6
60°	22.5	18.4	50.5	80.9	56.5	19.0	28.0	43.3	39.8	13.8	10.8
57.5°	210.2	72.3	104.7	151.4	148.7	80.7	58.9	78.5	67.6	39.0	15.3
55°	448.7	377.6	249.3	228.3	246.6	199.1	129.6	127.2	104.3	72.3	24.7
52.5°	615.6	642.4	559.1	390.6	340.2	324.1	253.1	184.4	163.8	108.5	62.8
50°	891.1	829.8	821.5	689.6	477.0	431.7	373.7	288.1	229.8	155.2	106.1
47.5°	1258.8	1105.8	1024.6	965.4	761.0	550.4	490.2	394.1	302.6	223.6	151.5
45°	1798.9	1429.2	1272.3	1176.2	1042.9	774.0	613.4	496.9	394.4	300.2	198.9
42.5°	2341.2	1847.9	1555.1	1399.9	1261.2	1026.6	745.2	615.5	483.8	378.1	259.2
40°	2820.0	2279.6	1852.4	1652.7	1475.6	1270.5	958.7	742.4	571.5	458.3	327.7
37.5°	3396.4	2771.1	2194.4	1917.8	1704.0	1474.3	1175.2	875.0	676.9	542.5	396.4
35°	3953.9	3407.5	2577.2	2238.0	1958.2	1683.3	1383.9	1031.6	806.3	628.0	465.0
32.5°	4552.5	4005.9	3155.3	2595.5	2221.4	1896.8	1578.8	1222.2	936.4	714.5	533.4
30°	5023.9	4399.9	3662.7	2953.5	2507.7	2135.1	1773.6	1405.0	1066.9	801.8	602.4
27.5°	5273.7	4740.7	4063.0	3352.3	2830.0	2379.4	1974.2	1579.8	1197.1	897.8	674.3
25°	5532.1	4980.8	4349.2	3701.0	3148.2	2638.0	2174.0	1746.4	1339.4	1006.1	745.4
22.5°	5841.3	5185.0	4590.5	3977.3	3476.5	2900.2	2383.4	1915.0	1481.7	1112.2	815.4
20°	6151.7	5374.6	4828.6	4353.4	3798.5	3183.9	2602.5	2079.5	1615.8	1215.6	883.8
17.5°	6477.5	5718.8	5232.9	4720.3	4119.6	3458.8	2818.2	2238.9	1741.8	1315.6	950.4
15°	7044.5	6234.3	5640.1	5077.4	4439.0	3723.2	3028.8	2392.0	1859.2	1411.8	1012.2
12.5°	7559.3	6714.1	6047.6	5422.6	4753.1	3975.3	3231.9	2537.7	1968.0	1488.5	1067.4
10°	7985.3	7159.1	6450.5	5754.0	5058.0	4213.3	3425.5	2656.4	2033.3	1545.7	1118.1
7.5°	8334.2	7570.4	6843.2	6069.5	5320.0	4368.9	3523.2	2725.6	2083.8	1594.4	1164.4
5°	8586.3	7844.8	7051.9	6179.3	5401.8	4432.8	3589.5	2781.9	2124.6	1635.0	1206.1
2.5°	8659.0	7929.2	7130.3	6239.5	5457.2	4474.2	3636.9	2824.9	2156.0	1668.0	1243.2
0°	8701.2	7984.7	7179.3	6276.5	5485.5	4493.9	3665.6	2854.5	2178.2	1693.8	1275.4
-2.5°	8760.3	8032.5	7226.7	6371.6	5504.3	4554.0	3681.8	2873.8	2206.3	1703.1	1294.2
-5°	8789.8	8051.2	7249.4	6435.6	5499.4	4589.9	3679.7	2879.9	2224.6	1706.3	1307.9
-7.5°	8776.8	8044.9	7250.3	6455.7	5474.5	4598.2	3659.8	2873.5	2232.0	1703.9	1316.5
-10°	8737.2	8012.2	7222.6	6403.8	5451.6	4565.7	3624.1	2855.3	2227.6	1696.6	1319.8
-12.5°	8677.0	7951.3	7166.0	6329.3	5403.9	4498.7	3582.2	2823.9	2209.6	1684.9	1317.6
-15°	8598.9	7862.6	7080.0	6234.5	5325.4	4409.5	3519.1	2778.5	2174.6	1671.6	1309.8
-17.5°	8498.7	7746.9	6964.2	6122.1	5214.9	4299.1	3434.4	2719.3	2130.8	1655.3	1294.0
-20°	8319.9	7591.6	6817.0	5994.4	5071.4	4168.2	3327.6	2646.4	2078.6	1632.2	1271.5



REPORT NUMBER: P645577 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	8118.9	7399.3	6633.5	5821.9	4898.5	4017.8	3198.6	2559.7	2018.5	1602.1	1244.4
-25°	7904.5	7182.8	6420.3	5583.3	4707.5	3858.8	3069.3	2459.4	1950.7	1564.8	1213.0
-27.5°	7652.8	6937.5	6178.6	5320.5	4485.8	3674.3	2945.5	2370.5	1885.1	1520.4	1177.3
-30°	7369.8	6649.2	5876.5	5040.0	4242.8	3460.9	2806.5	2275.6	1829.7	1471.9	1137.4
-32.5°	7045.4	6331.5	5541.8	4753.0	3986.0	3234.5	2653.2	2174.1	1765.6	1420.5	1100.6
-35°	6676.3	5961.9	5187.1	4444.8	3714.0	3051.7	2503.3	2066.4	1692.9	1364.8	1061.8
-37.5°	6291.7	5565.1	4832.3	4123.0	3424.8	2853.7	2368.4	1960.0	1611.8	1305.2	1018.9
-40°	5852.7	5157.0	4460.1	3791.5	3174.4	2641.1	2222.5	1854.9	1535.1	1241.8	972.0
-42.5°	5400.3	4728.8	4071.7	3440.6	2927.3	2468.0	2069.6	1741.8	1454.1	1180.5	921.2
-45°	4912.6	4276.8	3658.8	3144.9	2676.0	2284.8	1935.8	1624.6	1367.7	1117.8	868.6
-47.5°	4398.2	3800.3	3283.5	2836.9	2462.3	2100.6	1793.4	1523.3	1277.1	1050.6	816.0
-50°	3853.3	3356.6	2937.8	2569.2	2232.0	1934.7	1651.6	1417.1	1194.0	976.4	760.8
-52.5°	3370.3	2972.4	2625.9	2310.3	2028.9	1760.3	1529.5	1308.2	1108.3	905.3	703.1
-55°	2956.5	2630.3	2337.9	2075.3	1827.6	1610.8	1402.7	1211.6	1020.3	834.1	644.7
-57.5°	2599.2	2314.1	2080.1	1852.0	1647.4	1462.5	1287.1	1112.7	936.0	760.4	598.4
-60°	2255.9	2043.1	1834.8	1651.5	1478.3	1321.4	1178.0	1014.0	850.8	686.6	547.1
-62.5°	1959.4	1777.8	1620.3	1460.5	1316.6	1188.7	1068.1	917.4	763.3	618.3	491.4
-65°	1681.6	1542.0	1407.9	1280.4	1161.0	1052.6	955.1	818.4	675.4	546.0	433.5
-67.5°	1417.6	1312.5	1207.2	1100.2	1006.3	918.6	835.1	711.5	583.7	469.9	376.1
-70°	1181.9	1092.1	1009.6	930.1	853.9	780.8	702.1	597.7	487.8	401.7	317.3
-72.5°	959.3	893.7	825.2	759.8	703.6	639.2	566.8	485.5	408.4	332.2	257.2
-75°	753.3	710.0	661.8	609.8	557.3	499.9	452.0	395.2	327.9	261.5	207.2
-77.5°	602.7	560.5	512.2	470.8	435.6	396.3	352.8	303.4	250.1	203.4	160.2
-80°	444.6	412.3	385.0	361.2	328.6	292.8	256.7	220.7	181.8	145.6	112.3
-82.5°	271.2	264.1	256.6	245.5	218.4	191.8	165.7	140.0	112.5	87.0	72.1
-85°	135.6	132.9	128.8	123.1	106.4	90.1	82.6	74.9	65.6	56.7	48.2
-87.5°	44.6	47.9	50.6	52.6	48.9	45.1	41.3	37.5	32.9	28.4	24.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P645577 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6D-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.5	1.2	1.0	0.7	0.5	0.3	0.0
85°	2.9	2.5	2.0	1.5	1.0	0.6	0.0
82.5°	4.4	3.7	3.0	2.2	1.5	0.9	0.0
80°	5.7	4.9	3.9	3.0	2.0	1.2	0.0
77.5°	5.7	5.8	4.9	3.7	2.5	1.6	0.0
75°	5.8	5.9	5.7	4.4	3.0	1.9	0.0
72.5°	5.9	6.1	6.0	5.1	3.5	2.2	0.0
70°	6.0	6.4	6.3	5.8	4.0	2.5	0.0
67.5°	6.7	6.6	6.6	6.0	4.5	2.8	0.0
65°	7.7	7.6	6.9	6.3	5.0	3.1	0.0
62.5°	9.0	9.4	7.2	6.6	5.6	3.4	0.0
60°	10.6	11.5	7.5	6.9	6.1	3.7	0.0
57.5°	19.6	13.8	9.7	7.2	6.4	4.0	0.0
55°	31.3	16.3	12.1	7.5	6.7	4.3	0.0
52.5°	44.9	20.8	14.6	7.9	7.0	4.5	0.0
50°	60.5	35.6	17.2	8.2	7.4	4.8	0.0
47.5°	81.3	51.4	20.0	9.0	7.7	5.1	0.0
45°	122.7	68.4	22.8	11.1	8.1	5.4	0.0
42.5°	165.0	86.4	25.8	13.3	8.4	5.6	0.0
40°	208.3	105.5	34.7	16.1	8.8	5.9	0.0
37.5°	252.4	125.7	49.7	19.5	9.2	6.1	0.0
35°	297.3	156.1	64.9	23.4	9.5	6.4	0.0
32.5°	345.8	191.4	80.3	27.6	9.9	6.6	0.0
30°	401.4	226.5	95.8	32.1	10.3	6.8	0.0
27.5°	455.8	261.1	114.9	37.0	10.7	7.0	0.0
25°	509.0	295.2	134.5	42.1	11.0	7.2	0.0
22.5°	560.6	330.0	154.1	47.4	11.4	7.4	0.0
20°	610.5	367.3	173.4	52.8	11.8	7.6	0.0
17.5°	659.8	403.4	192.5	58.4	12.1	7.8	0.0
15°	707.2	438.1	211.1	64.0	12.5	7.9	0.0
12.5°	751.6	471.1	229.0	69.6	12.8	8.1	0.0
10°	792.7	502.4	246.2	75.1	13.1	8.2	0.0
7.5°	830.5	531.6	262.4	80.4	13.5	8.3	0.0
5°	864.8	558.5	277.6	85.5	13.8	8.4	0.0
2.5°	895.6	583.0	291.4	90.2	14.0	8.5	0.0
0°	922.8	604.7	303.8	94.6	14.3	8.6	0.0
-2.5°	936.3	618.5	315.4	100.8	16.5	9.1	0.0
-5°	946.2	629.4	325.2	106.4	18.7	9.6	0.0
-7.5°	952.5	637.3	333.2	111.5	20.9	10.0	0.0
-10°	955.4	642.2	339.3	115.9	23.0	10.4	0.0
-12.5°	954.9	644.3	343.3	119.6	24.9	10.8	0.0
-15°	951.1	643.3	345.3	122.5	26.8	11.2	0.0
-17.5°	944.2	639.5	345.0	124.7	28.5	11.5	0.0
-20°	933.4	632.7	342.5	125.9	30.1	11.8	0.0

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REPORT NUMBER: P645577 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6D-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	917.8	623.0	337.7	126.3	31.5	12.0	0.0
-25°	898.6	608.1	330.5	125.7	32.8	12.2	0.0
-27.5°	875.7	589.4	320.9	124.2	33.9	12.3	0.0
-30°	849.3	568.1	308.8	121.6	34.8	12.4	0.0
-32.5°	819.4	544.4	294.8	118.0	35.4	12.4	0.0
-35°	787.0	518.1	279.2	113.4	35.9	12.4	0.0
-37.5°	752.1	491.8	262.0	107.7	36.2	12.4	0.0
-40°	714.6	467.9	243.2	101.0	36.2	12.2	0.0
-42.5°	674.5	442.3	229.1	93.8	36.0	12.0	0.0
-45°	631.8	415.1	219.4	86.4	35.6	11.8	0.0
-47.5°	586.8	386.3	207.9	78.0	34.9	11.5	0.0
-50°	549.1	356.0	194.8	75.3	34.0	11.2	0.0
-52.5°	511.4	324.2	179.9	73.8	33.0	10.8	0.0
-55°	472.2	300.2	163.5	71.5	31.6	10.3	0.0
-57.5°	431.6	275.7	145.4	68.3	30.1	9.8	0.0
-60°	390.3	249.1	126.5	64.5	28.4	9.3	0.0
-62.5°	352.7	220.3	117.5	59.9	26.7	8.7	0.0
-65°	312.3	189.6	107.3	54.6	24.8	8.0	0.0
-67.5°	269.4	163.9	95.9	48.8	22.8	7.3	0.0
-70°	224.1	143.4	83.4	42.3	20.6	6.6	0.0
-72.5°	189.6	121.4	69.9	37.2	18.3	5.9	0.0
-75°	155.0	98.1	55.7	32.4	15.9	5.1	0.0
-77.5°	118.7	73.6	46.0	27.3	13.4	4.3	0.0
-80°	81.0	56.1	37.2	22.1	10.8	3.5	0.0
-82.5°	59.5	42.4	28.1	16.7	8.2	2.6	0.0
-85°	39.9	28.4	18.8	11.2	5.5	1.7	0.0
-87.5°	20.0	14.3	9.4	5.6	2.7	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)