

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: P645593 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA6E-750-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645593 (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-SA6E-750-U-LAM-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (96) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

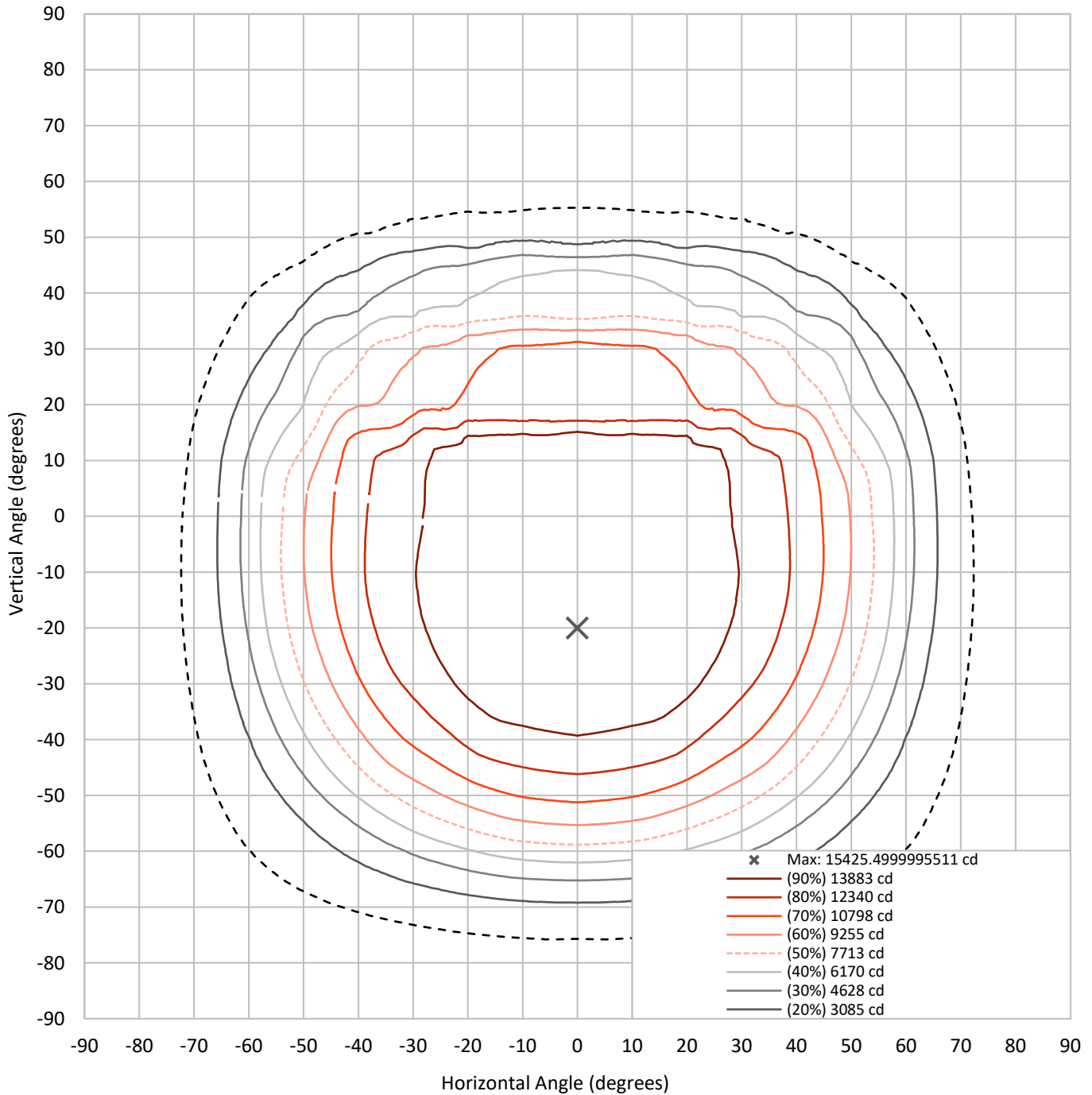
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	36169.7 lumens	Max Intensity:	15425.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	96.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	28275.3 lumens	Field Lumens:	35451.4 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	376.7		
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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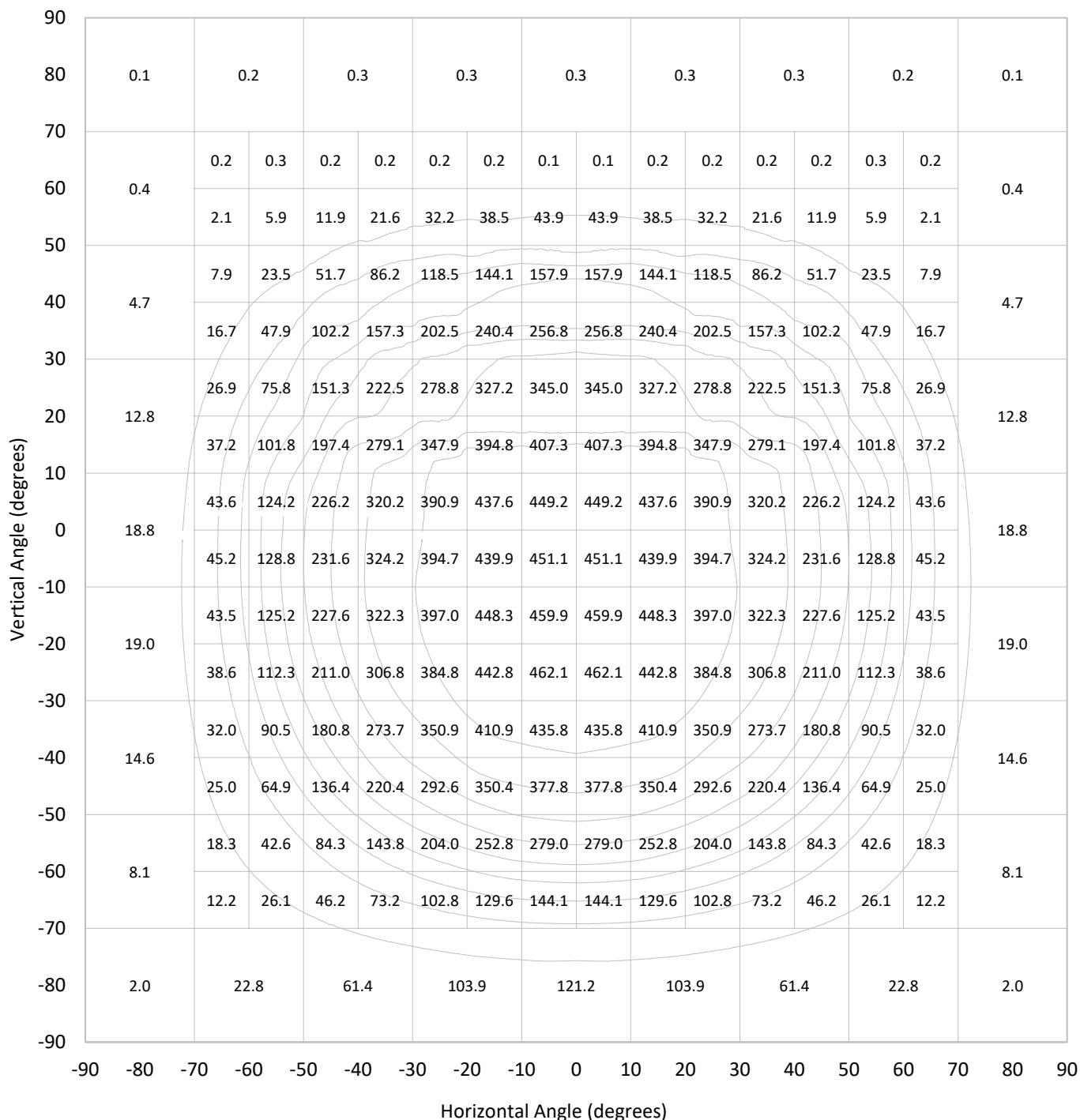
Iso-Candela Plot





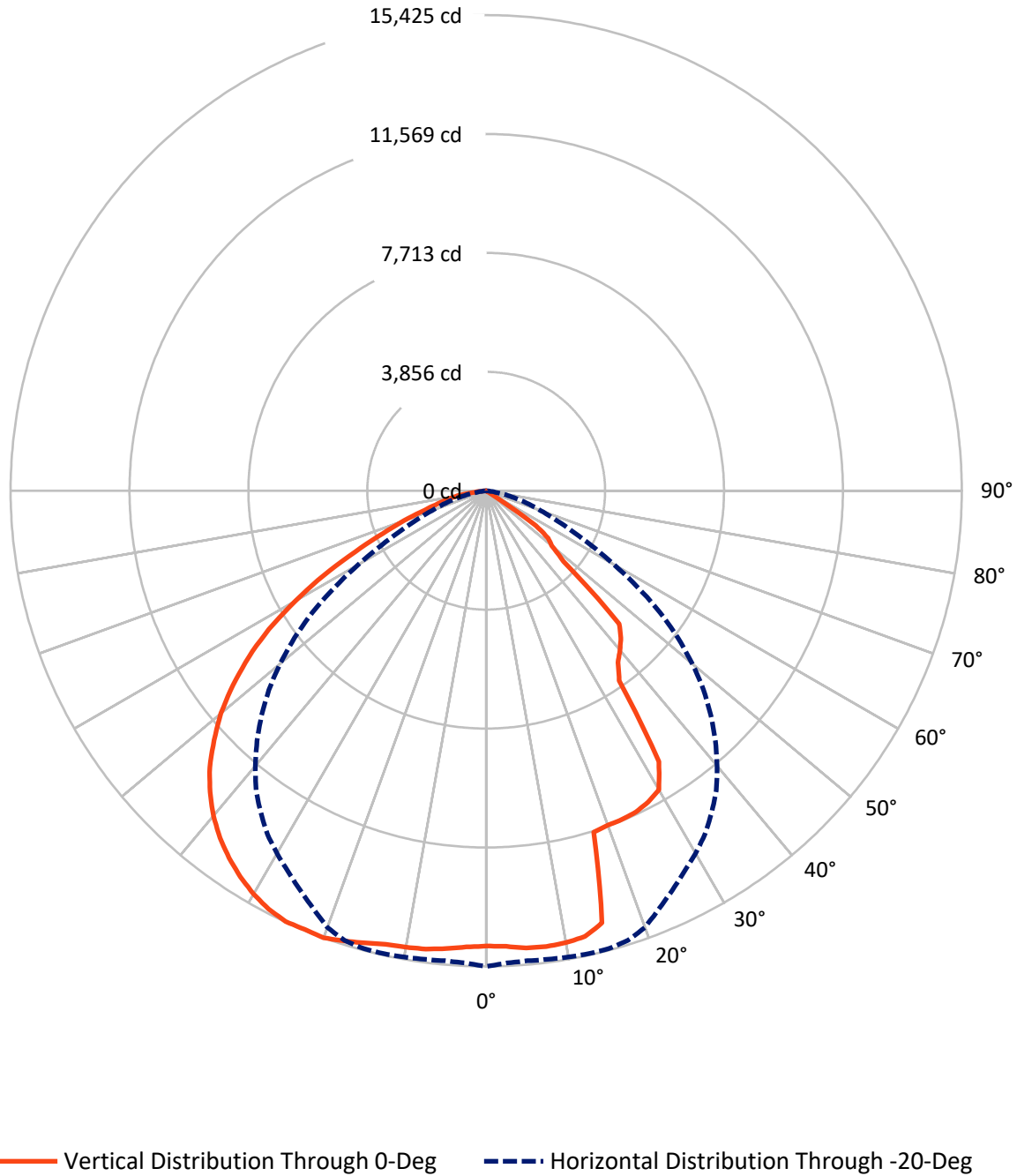
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Lumen Table



REPORT NUMBER: P645593 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-750-U-LAM-VSR-XX

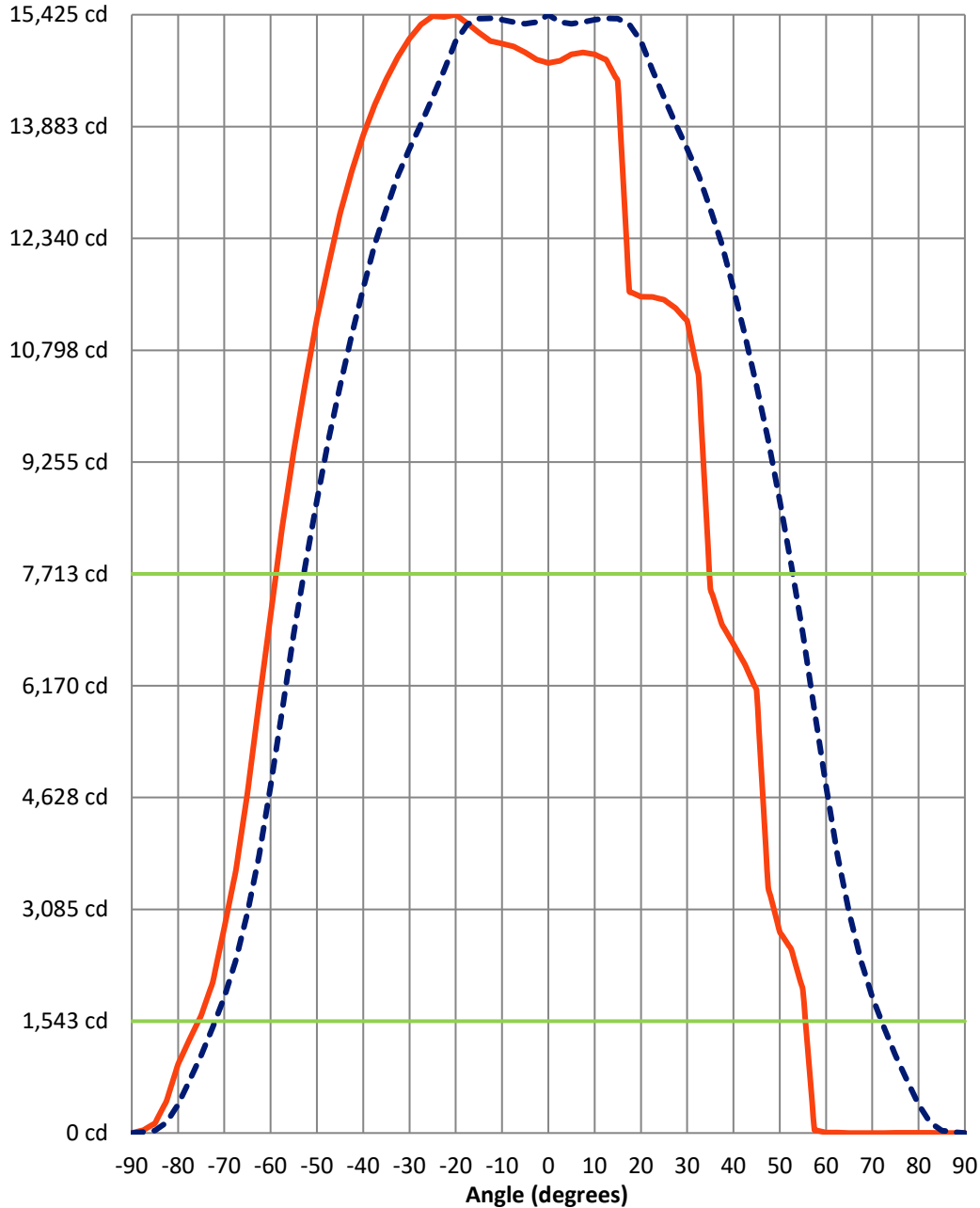
Luminous Intensity Polar Plot





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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 28275.3
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 35451.4
 Efficiency: 98.0%

Spill:
 Lumens: 718.3
 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	0.4	0.6	0.9	1.1	1.4	1.7	1.7	1.7	1.6	1.4
85°	0.0	0.7	1.2	1.7	2.3	2.9	3.4	3.5	3.4	3.2	2.8
82.5°	0.0	1.1	1.7	2.6	3.4	4.3	5.1	5.2	5.0	4.2	3.4
80°	0.0	1.4	2.3	3.4	4.6	5.7	6.6	5.9	5.0	4.2	3.4
77.5°	0.0	1.8	2.9	4.3	5.7	6.7	6.6	5.9	5.1	4.3	3.5
75°	0.0	2.1	3.5	5.1	6.7	6.9	6.7	6.0	5.2	4.4	3.5
72.5°	0.0	2.5	4.1	5.9	7.0	7.1	6.8	6.0	5.2	4.4	3.6
70°	0.0	2.9	4.6	6.7	7.3	7.3	7.0	6.1	5.3	4.6	5.2
67.5°	0.0	3.2	5.2	7.0	7.6	7.6	7.8	6.2	5.5	7.3	7.5
65°	0.0	3.6	5.8	7.3	7.9	8.8	8.9	6.3	8.8	10.3	12.9
62.5°	0.0	3.9	6.4	7.7	8.3	10.9	10.3	8.8	12.2	18.1	28.7
60°	0.0	4.2	7.0	8.0	8.7	13.2	12.2	12.4	15.8	45.7	49.8
57.5°	0.0	4.6	7.4	8.3	11.2	15.8	22.5	17.6	44.8	77.7	90.3
55°	0.0	4.9	7.8	8.7	13.9	18.7	35.9	28.4	83.1	119.9	146.1
52.5°	0.0	5.2	8.1	9.1	16.8	24.0	51.6	72.2	124.7	188.2	211.9
50°	0.0	5.5	8.5	9.4	19.8	40.9	69.5	121.9	178.4	264.0	331.1
47.5°	0.0	5.9	8.9	10.3	23.0	59.1	93.5	174.1	256.9	347.7	452.8
45°	0.0	6.2	9.3	12.8	26.3	78.6	141.0	228.6	344.9	453.2	571.0
42.5°	0.0	6.5	9.7	15.3	29.6	99.3	189.6	297.8	434.4	555.9	707.3
40°	0.0	6.8	10.2	18.5	39.9	121.3	239.4	376.6	526.6	656.7	853.1
37.5°	0.0	7.1	10.6	22.5	57.1	144.4	290.1	455.4	623.3	777.8	1005.5
35°	0.0	7.3	11.0	26.9	74.5	179.3	341.6	534.3	721.6	926.5	1185.5
32.5°	0.0	7.6	11.4	31.7	92.2	219.9	397.4	612.9	821.1	1076.0	1404.5
30°	0.0	7.9	11.9	36.9	110.0	260.2	461.2	692.2	921.4	1225.9	1614.5
27.5°	0.0	8.1	12.3	42.5	132.0	300.0	523.8	774.8	1031.6	1375.6	1815.3
25°	0.0	8.3	12.7	48.3	154.5	339.2	584.9	856.5	1156.0	1539.1	2006.7
22.5°	0.0	8.6	13.2	54.4	177.0	379.2	644.2	936.9	1277.9	1702.5	2200.5
20°	0.0	8.8	13.6	60.7	199.3	422.0	701.5	1015.6	1396.7	1856.7	2389.6
17.5°	0.0	9.0	14.0	67.1	221.2	463.5	758.2	1092.0	1511.7	2001.4	2572.7
15°	0.0	9.1	14.4	73.6	242.5	503.4	812.7	1163.1	1622.2	2136.4	2748.6
12.5°	0.0	9.3	14.8	80.0	263.2	541.4	863.6	1226.5	1710.3	2261.3	2916.0
10°	0.0	9.5	15.2	86.3	282.9	577.3	910.9	1284.8	1776.1	2336.4	3052.4
7.5°	0.0	9.6	15.5	92.4	301.6	610.8	954.3	1338.0	1832.0	2394.4	3131.9
5°	0.0	9.7	15.9	98.2	318.9	641.8	993.8	1385.9	1878.7	2441.3	3196.6
2.5°	0.0	9.8	16.2	103.7	334.8	669.9	1029.2	1428.5	1916.6	2477.3	3246.1
0°	0.0	9.9	16.5	108.7	349.1	694.9	1060.4	1465.5	1946.3	2502.9	3280.1
-2.5°	0.0	10.5	19.1	115.8	362.4	710.7	1075.9	1487.1	1957.0	2535.2	3302.2
-5°	0.0	11.0	21.6	122.3	373.7	723.2	1087.3	1502.9	1960.6	2556.2	3309.3
-7.5°	0.0	11.5	24.1	128.1	382.9	732.3	1094.5	1512.8	1957.9	2564.7	3301.9
-10°	0.0	12.0	26.4	133.2	389.9	738.0	1097.8	1516.5	1949.5	2559.6	3280.9
-12.5°	0.0	12.4	28.7	137.4	394.6	740.3	1097.2	1514.0	1936.0	2539.0	3244.9
-15°	0.0	12.9	30.8	140.8	396.8	739.2	1092.9	1505.1	1920.7	2498.7	3192.7
-17.5°	0.0	13.2	32.8	143.2	396.5	734.8	1084.9	1486.9	1902.0	2448.4	3124.7
-20°	0.0	13.5	34.6	144.7	393.7	727.0	1072.5	1461.0	1875.5	2388.4	3040.9



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	13.8	36.3	145.1	388.1	715.9	1054.6	1429.9	1840.9	2319.3	2941.3
-25°	0.0	14.0	37.7	144.4	379.8	698.7	1032.5	1393.7	1798.1	2241.5	2826.0
-27.5°	0.0	14.2	38.9	142.7	368.8	677.3	1006.2	1352.7	1747.1	2166.1	2723.8
-30°	0.0	14.3	40.0	139.7	354.9	652.9	975.9	1307.0	1691.3	2102.4	2614.8
-32.5°	0.0	14.3	40.7	135.6	338.8	625.6	941.5	1264.6	1632.2	2028.8	2498.1
-35°	0.0	14.3	41.3	130.3	320.8	595.4	904.3	1220.1	1568.3	1945.3	2374.3
-37.5°	0.0	14.2	41.6	123.8	301.0	565.1	864.3	1170.8	1499.8	1852.0	2252.1
-40°	0.0	14.1	41.6	116.1	279.5	537.7	821.2	1116.9	1426.9	1763.9	2131.4
-42.5°	0.0	13.8	41.4	107.7	263.2	508.3	775.1	1058.5	1356.5	1670.8	2001.5
-45°	0.0	13.6	40.9	99.3	252.1	477.0	726.1	998.2	1284.4	1571.6	1866.8
-47.5°	0.0	13.2	40.1	89.6	238.9	443.9	674.3	937.7	1207.3	1467.5	1750.3
-50°	0.0	12.8	39.1	86.5	223.8	409.1	631.0	874.2	1122.0	1371.9	1628.3
-52.5°	0.0	12.4	37.9	84.7	206.7	372.5	587.7	807.9	1040.3	1273.5	1503.3
-55°	0.0	11.9	36.4	82.1	187.8	345.0	542.7	740.9	958.5	1172.5	1392.2
-57.5°	0.0	11.3	34.6	78.5	167.1	316.9	496.0	687.6	873.7	1075.5	1278.6
-60°	0.0	10.6	32.7	74.1	145.4	286.3	448.6	628.7	788.9	977.7	1165.2
-62.5°	0.0	10.0	30.7	68.8	135.1	253.2	405.3	564.7	710.6	877.0	1054.1
-65°	0.0	9.2	28.5	62.8	123.3	217.9	358.9	498.2	627.4	776.1	940.4
-67.5°	0.0	8.4	26.2	56.0	110.2	188.4	309.6	432.2	540.0	670.7	817.6
-70°	0.0	7.6	23.7	48.6	95.8	164.8	257.6	364.6	461.6	560.6	686.9
-72.5°	0.0	6.7	21.0	42.8	80.4	139.5	217.9	295.6	381.8	469.3	557.9
-75°	0.0	5.8	18.3	37.2	64.0	112.7	178.1	238.2	300.6	376.9	454.1
-77.5°	0.0	4.9	15.4	31.4	52.8	84.5	136.4	184.1	233.8	287.4	348.7
-80°	0.0	4.0	12.4	25.3	42.7	64.4	93.1	129.0	167.4	209.0	253.6
-82.5°	0.0	3.0	9.4	19.1	32.3	48.7	68.3	82.8	100.0	129.3	160.9
-85°	0.0	2.0	6.3	12.8	21.6	32.6	45.8	55.3	65.2	75.5	86.1
-87.5°	0.0	1.0	3.2	6.4	10.8	16.4	23.0	27.7	32.6	37.8	43.1
-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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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°	1.5	1.6	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6
85°	3.0	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
82.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
80°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
77.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
75°	3.3	3.3	3.5	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3
72.5°	3.8	4.2	4.2	3.7	3.3	3.3	3.3	3.3	3.3	3.3	3.3
70°	5.2	5.3	4.7	3.8	3.3	3.5	3.8	3.7	3.3	3.3	3.3
67.5°	6.4	5.6	4.8	4.5	4.5	5.0	4.9	4.0	3.3	3.3	3.4
65°	6.5	5.7	8.2	9.3	6.9	5.9	5.0	4.2	4.5	4.7	4.7
62.5°	9.8	12.3	15.7	27.8	20.8	6.1	10.9	12.8	9.4	7.8	8.4
60°	32.1	21.8	64.9	93.0	58.1	21.2	25.9	86.0	74.6	13.8	46.6
57.5°	67.6	92.7	170.9	174.0	120.3	83.0	241.6	279.1	211.2	123.3	188.5
55°	148.9	228.8	283.4	262.3	286.5	433.9	515.6	463.2	390.0	599.8	766.3
52.5°	290.8	372.4	390.9	448.8	642.5	738.2	707.4	756.5	981.0	1218.3	1269.8
50°	429.4	496.1	548.1	792.4	944.0	953.5	1023.9	1246.4	1545.8	1691.0	1655.9
47.5°	563.3	632.4	874.5	1109.3	1177.4	1270.6	1446.5	1875.8	2193.0	2199.2	2163.3
45°	704.9	889.4	1198.4	1351.5	1461.9	1642.3	2067.1	2659.3	2690.0	2776.0	3305.3
42.5°	856.4	1179.6	1449.2	1608.5	1786.9	2123.4	2690.3	3078.8	3212.4	3589.1	4014.7
40°	1101.6	1459.9	1695.5	1899.1	2128.5	2619.4	3240.3	3604.4	3713.0	4039.0	4359.0
37.5°	1350.5	1694.1	1958.0	2203.7	2521.6	3184.2	3902.6	4202.8	4257.8	4317.4	5026.4
35°	1590.2	1934.2	2250.1	2571.6	2961.4	3915.4	4543.3	4825.6	4816.9	5219.3	5961.7
32.5°	1814.2	2179.6	2552.6	2982.4	3625.7	4603.1	5231.2	5400.2	5656.5	6242.2	7255.5
30°	2038.0	2453.4	2881.6	3393.7	4208.7	5055.8	5772.8	6044.8	6484.0	7152.4	7889.9
27.5°	2268.5	2734.1	3251.9	3852.1	4668.7	5447.4	6059.9	6709.7	7136.4	7735.4	8260.0
25°	2498.0	3031.2	3617.5	4252.7	4997.6	5723.4	6356.9	7107.1	7565.4	8048.3	8537.8
22.5°	2738.7	3332.5	3994.7	4570.3	5274.8	5957.9	6712.1	7525.9	8121.7	8428.6	8757.2
20°	2990.4	3658.5	4364.8	5002.4	5548.5	6175.8	7068.7	8057.5	8826.7	9172.1	9217.1
17.5°	3238.3	3974.4	4733.7	5424.0	6013.0	6571.4	7443.1	8694.5	9650.9	9972.0	10114.8
15°	3480.3	4278.1	5100.7	5834.3	6480.9	7163.7	8094.6	9367.2	10460.6	10815.8	11040.5
12.5°	3713.7	4567.9	5461.7	6231.0	6949.2	7715.0	8686.2	9851.1	10849.1	11536.4	11948.6
10°	3936.1	4841.4	5812.0	6611.8	7412.1	8226.4	9175.7	10211.6	11024.1	11686.9	12272.0
7.5°	4048.4	5020.2	6113.1	6974.2	7863.4	8699.0	9576.6	10465.7	11150.0	11800.2	12365.9
5°	4124.6	5093.6	6207.1	7100.5	8103.1	9014.3	9866.3	10632.7	11232.3	11876.7	12429.3
2.5°	4179.1	5141.2	6270.7	7169.6	8193.2	9111.1	9949.7	10688.5	11300.2	11931.4	12497.3
0°	4212.0	5163.8	6303.2	7212.2	8249.5	9174.9	9998.2	10709.6	11345.2	11957.7	12567.0
-2.5°	4230.6	5232.9	6324.8	7321.5	8304.0	9229.9	10066.1	10760.5	11424.6	12007.5	12618.3
-5°	4228.3	5274.1	6319.2	7394.9	8330.1	9251.4	10100.0	10783.5	11467.7	12044.8	12639.2
-7.5°	4205.4	5283.6	6290.6	7417.9	8331.2	9244.1	10085.1	10794.5	11467.0	12079.0	12641.2
-10°	4164.4	5246.3	6264.3	7358.4	8299.2	9206.6	10039.6	10770.3	11440.3	12072.1	12630.2
-12.5°	4116.2	5169.3	6209.4	7272.7	8234.2	9136.6	9970.5	10708.6	11390.2	12020.4	12605.0
-15°	4043.7	5066.9	6119.2	7163.9	8135.4	9034.7	9880.8	10607.9	11312.9	11930.1	12530.3
-17.5°	3946.3	4940.0	5992.2	7034.7	8002.3	8901.8	9765.6	10475.1	11176.7	11814.4	12393.6
-20°	3823.7	4789.6	5827.3	6887.9	7833.2	8723.3	9560.1	10303.1	11000.1	11648.8	12257.5

Classified

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P645593 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-750-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°	3675.4	4616.7	5628.7	6689.8	7622.4	8502.3	9329.2	10084.0	10806.3	11433.7	12082.2
-25°	3526.9	4434.0	5409.2	6415.6	7377.3	8253.5	9082.9	9818.3	10556.5	11209.1	11825.1
-27.5°	3384.6	4222.0	5154.5	6113.6	7099.7	7971.7	8793.6	9529.6	10246.2	10959.7	11552.8
-30°	3224.9	3976.8	4875.2	5791.3	6752.5	7640.4	8468.5	9232.1	9914.1	10618.7	11255.5
-32.5°	3048.7	3716.7	4580.2	5461.5	6367.9	7275.4	8095.7	8854.3	9563.7	10230.2	10898.7
-35°	2876.4	3506.6	4267.6	5107.4	5960.3	6850.6	7671.6	8422.8	9159.1	9819.3	10458.1
-37.5°	2721.4	3279.1	3935.3	4737.6	5552.7	6394.8	7229.7	7956.9	8657.6	9383.4	10006.3
-40°	2553.7	3034.9	3647.6	4356.7	5124.9	5925.7	6725.2	7477.5	8136.2	8853.5	9538.6
-42.5°	2378.1	2835.9	3363.7	3953.5	4678.7	5433.7	6205.4	6941.3	7625.3	8302.0	8980.9
-45°	2224.3	2625.4	3074.9	3613.8	4204.2	4914.3	5645.0	6378.6	7034.9	7679.8	8350.3
-47.5°	2060.8	2413.7	2829.4	3259.8	3773.0	4366.8	5053.8	5730.4	6402.3	7015.9	7609.3
-50°	1897.9	2223.1	2564.8	2952.2	3375.7	3857.0	4427.7	5056.7	5670.4	6300.4	6888.0
-52.5°	1757.5	2022.7	2331.4	2654.8	3017.3	3415.5	3872.7	4389.3	4947.5	5482.2	6068.5
-55°	1611.8	1850.9	2100.0	2384.7	2686.5	3022.5	3397.3	3831.5	4257.4	4751.9	5230.5
-57.5°	1478.9	1680.6	1893.0	2128.1	2390.2	2659.2	2986.7	3324.5	3711.0	4095.3	4474.3
-60°	1353.7	1518.4	1698.7	1897.7	2108.3	2347.7	2592.3	2882.3	3193.6	3500.3	3821.9
-62.5°	1227.3	1365.9	1512.9	1678.2	1861.8	2042.7	2251.5	2475.0	2704.1	2964.1	3217.6
-65°	1097.5	1209.6	1334.1	1471.3	1617.8	1771.8	1932.2	2097.7	2292.6	2483.1	2667.4
-67.5°	959.6	1055.5	1156.3	1264.2	1387.2	1508.1	1628.9	1768.7	1912.1	2053.2	2199.3
-70°	806.7	897.2	981.2	1068.7	1160.1	1254.9	1358.0	1460.6	1561.7	1667.4	1784.7
-72.5°	651.3	734.5	808.4	873.1	948.1	1026.9	1102.3	1174.2	1250.5	1330.7	1410.2
-75°	519.5	574.4	640.4	700.7	760.4	815.8	865.6	926.6	990.3	1048.6	1096.6
-77.5°	405.4	455.4	500.5	540.9	588.5	644.0	692.5	734.1	774.6	818.7	865.5
-80°	294.9	336.4	377.6	415.0	442.3	473.7	510.9	553.3	590.2	620.2	647.5
-82.5°	190.4	220.4	251.0	282.1	294.8	303.5	311.6	326.4	349.2	371.7	393.2
-85°	94.9	103.6	122.3	141.4	148.1	152.7	155.9	157.6	165.3	172.5	178.7
-87.5°	47.5	51.9	56.2	60.4	58.2	55.1	51.3	46.7	45.6	44.2	42.5
-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: P645593 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-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°	2.7	2.8	2.9	2.9	3.0	2.3	1.6	0.8	0.0	0.0	0.0
85°	3.3	3.3	3.3	3.3	3.3	3.2	3.1	3.1	3.1	2.4	1.6
82.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2
80°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
77.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
75°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
72.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
70°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
67.5°	3.5	3.3	3.3	3.3	3.4	3.3	3.3	3.3	3.3	2.9	2.1
65°	4.6	4.5	4.8	4.6	4.1	3.9	4.1	4.0	3.6	2.9	2.0
62.5°	8.3	9.4	7.4	7.3	7.2	7.0	6.7	6.3	5.9	5.6	5.8
60°	51.7	30.5	17.9	20.8	18.7	12.5	15.9	18.6	18.8	17.2	15.2
57.5°	286.3	213.8	158.3	377.9	379.0	181.0	217.9	342.6	282.2	92.7	86.1
55°	796.3	952.4	1253.5	1190.7	1210.0	1391.7	1519.7	1345.3	1318.9	1405.4	1623.5
52.5°	1430.6	1579.5	1680.8	1775.5	1890.8	2014.8	2142.4	2223.7	2299.6	2380.5	2428.7
50°	1826.9	2036.6	2180.7	2127.6	2426.0	2548.1	2424.2	2535.0	2670.2	2707.2	2724.6
47.5°	2697.6	3005.1	3066.2	3264.4	3442.4	3438.6	3287.4	3296.2	3698.5	4053.4	4227.8
45°	3876.8	3887.3	4080.7	4430.6	4680.6	4601.9	4813.0	5292.8	5452.6	5607.1	5733.7
42.5°	4336.2	4526.6	4835.2	5144.6	5331.1	5492.8	5649.0	5825.4	6032.8	6201.0	6335.4
40°	4781.1	4934.5	5250.5	5499.7	5654.1	5805.1	5987.1	6182.6	6372.4	6520.1	6621.0
37.5°	5465.7	5584.7	5661.6	5892.9	6185.0	6050.2	6395.7	6643.4	6756.6	6906.7	6920.2
35°	6501.6	6422.5	6320.0	7240.7	7295.8	6984.8	7307.9	7692.0	7489.6	7911.2	8137.9
32.5°	7419.9	7408.1	8211.7	8695.7	8417.2	8644.6	9389.4	9356.4	9852.9	10083.2	10017.6
30°	8285.0	8580.2	9045.0	9405.4	9453.7	9812.2	10142.9	10432.7	10732.5	11001.1	11019.6
27.5°	8724.2	9109.4	9424.9	9633.5	9866.2	10167.9	10468.1	10794.4	11049.3	11217.8	11258.9
25°	8989.9	9383.4	9622.2	9846.8	10103.8	10364.1	10700.2	11055.5	11260.2	11364.2	11397.3
22.5°	9224.1	9577.7	9834.5	10016.7	10293.3	10573.3	10886.6	11187.4	11409.9	11455.2	11471.8
20°	9449.6	9789.4	10218.2	10486.4	10473.1	10788.5	11090.5	11329.7	11515.2	11514.2	11518.6
17.5°	10101.8	10223.1	11001.5	11592.4	11299.8	11145.5	11975.9	11991.6	12040.9	11942.9	11730.4
15°	11067.5	11288.3	12244.6	12885.2	12683.5	12672.9	13872.3	13574.9	13830.8	13763.8	14051.9
12.5°	12090.4	12351.8	13066.4	13695.5	13995.3	14069.0	14469.6	14844.9	14922.1	14891.6	14835.0
10°	12787.2	13159.7	13446.7	13828.6	14130.9	14439.3	14671.4	14940.9	15029.2	14978.2	14906.0
7.5°	12878.0	13246.1	13583.1	13918.1	14206.1	14454.6	14695.3	14914.8	15004.6	14975.0	14925.4
5°	12935.7	13269.1	13595.8	13935.7	14211.0	14441.2	14681.3	14903.6	14956.6	14920.9	14872.6
2.5°	12971.3	13279.9	13594.7	13933.2	14183.3	14402.5	14645.5	14882.6	14882.2	14866.6	14838.4
0°	12988.5	13298.1	13663.6	13969.9	14249.8	14457.3	14697.7	14928.2	14911.7	14868.9	14819.5
-2.5°	13025.5	13339.1	13712.2	13966.1	14281.6	14471.7	14720.1	14919.8	14912.1	14891.0	14866.5
-5°	13058.5	13411.2	13760.3	14027.2	14343.5	14592.0	14838.9	14995.1	15003.4	14974.1	14932.9
-7.5°	13078.7	13469.6	13802.6	14070.8	14377.6	14666.5	14917.0	15080.8	15084.5	15045.5	14996.2
-10°	13071.9	13484.8	13827.4	14104.5	14418.8	14704.1	14966.0	15173.8	15167.0	15129.9	15087.8
-12.5°	13047.3	13459.6	13811.5	14089.4	14446.2	14740.0	15034.6	15241.2	15252.2	15224.4	15178.9
-15°	12993.0	13418.7	13761.0	14064.5	14414.2	14757.6	15060.3	15288.3	15329.0	15306.2	15270.2
-17.5°	12885.7	13335.0	13698.0	14025.1	14360.6	14726.6	15070.9	15320.2	15375.8	15366.8	15336.9
-20°	12744.8	13208.4	13577.0	13919.7	14284.9	14662.0	15062.6	15290.4	15371.1	15376.2	15355.9



REPORT NUMBER: P645593 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-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°	12586.6	13040.5	13431.5	13768.4	14164.5	14546.1	14908.9	15175.7	15311.2	15336.4	15338.1
-25°	12396.9	12863.4	13251.8	13610.6	13979.0	14373.2	14739.8	15037.5	15174.9	15240.6	15261.0
-27.5°	12128.9	12611.0	12993.3	13372.5	13747.2	14154.5	14539.8	14863.6	14975.3	15065.5	15101.7
-30°	11815.0	12291.7	12681.5	13028.2	13456.9	13872.0	14269.8	14552.3	14720.8	14824.0	14880.4
-32.5°	11454.0	11935.3	12344.4	12706.3	13113.8	13528.9	13903.0	14201.0	14433.4	14552.5	14612.8
-35°	11062.6	11553.9	11982.2	12363.5	12747.1	13142.8	13530.4	13842.2	14106.9	14209.2	14284.8
-37.5°	10590.4	11132.4	11571.6	11964.8	12329.3	12701.3	13105.0	13461.4	13718.4	13817.7	13897.4
-40°	10106.3	10630.1	11073.0	11492.4	11852.9	12259.0	12647.9	13021.4	13244.4	13360.2	13450.4
-42.5°	9595.1	10068.4	10489.6	10897.0	11298.3	11716.4	12105.0	12493.2	12686.2	12825.7	12936.3
-45°	9005.2	9445.5	9854.8	10236.1	10649.8	11060.8	11449.7	11792.7	12022.2	12203.9	12345.2
-47.5°	8218.5	8754.9	9165.9	9528.5	9938.7	10335.3	10712.1	11034.7	11286.4	11498.8	11663.0
-50°	7419.6	7934.4	8397.9	8805.3	9185.9	9552.6	9911.3	10226.9	10493.3	10723.5	10889.8
-52.5°	6632.9	7115.2	7575.1	7995.8	8361.5	8707.7	9035.9	9353.4	9634.3	9880.5	10041.3
-55°	5743.8	6243.5	6698.5	7090.7	7456.2	7798.4	8122.4	8423.4	8700.0	8950.7	9104.9
-57.5°	4909.9	5348.2	5771.5	6133.6	6478.5	6804.5	7111.7	7399.9	7666.0	7902.0	8050.6
-60°	4143.3	4462.8	4827.1	5161.5	5467.3	5744.6	6031.3	6300.0	6544.5	6751.9	6890.4
-62.5°	3465.7	3730.5	3993.5	4247.8	4495.8	4745.1	4985.0	5207.9	5412.2	5582.1	5703.5
-65°	2861.9	3074.7	3265.0	3445.3	3617.0	3813.6	3996.1	4167.7	4326.5	4456.8	4549.2
-67.5°	2356.6	2506.1	2637.6	2761.3	2896.8	3035.7	3165.9	3279.3	3376.4	3453.6	3514.6
-70°	1900.4	2010.4	2109.6	2208.3	2307.2	2397.5	2483.6	2567.1	2646.4	2711.0	2759.4
-72.5°	1488.4	1563.5	1631.0	1707.0	1778.1	1846.7	1906.3	1954.5	1991.8	2028.2	2059.9
-75°	1134.6	1191.1	1267.3	1331.6	1384.9	1431.8	1474.9	1513.3	1547.1	1577.0	1603.3
-77.5°	912.7	960.6	1009.1	1056.1	1101.4	1135.2	1166.5	1197.8	1228.6	1255.1	1278.5
-80°	676.4	712.2	749.6	787.2	824.8	843.4	858.3	872.1	884.3	900.1	914.9
-82.5°	413.6	433.8	454.7	475.7	496.7	502.0	503.9	503.4	500.7	494.9	486.2
-85°	184.0	185.2	184.6	182.5	179.0	171.7	162.8	152.4	140.9	139.1	136.9
-87.5°	40.5	39.6	38.5	37.2	35.8	35.7	35.6	35.3	35.0	36.1	37.3
-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: P645593 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-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	0.8
85°	0.8	0.0	0.0	0.0	0.0	0.0	0.8	1.6	2.4	3.1	3.1
82.5°	3.2	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.3	3.3
80°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
77.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
75°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
72.5°	3.3	3.3	1.7	0.0	1.7	3.3	3.3	3.3	3.3	3.3	3.3
70°	3.3	3.3	1.8	0.0	1.8	3.3	3.3	3.3	3.3	3.3	3.3
67.5°	1.2	0.2	0.0	0.0	0.0	0.2	1.2	2.1	2.9	3.3	3.3
65°	1.1	0.2	0.0	0.0	0.0	0.2	1.1	2.0	2.9	3.6	4.0
62.5°	6.0	6.3	6.5	6.6	6.5	6.3	6.0	5.8	5.6	5.9	6.3
60°	11.9	7.8	6.6	6.6	6.6	7.8	11.9	15.2	17.2	18.8	18.6
57.5°	72.8	54.3	46.2	42.8	46.2	54.3	72.8	86.1	92.7	282.2	342.6
55°	1779.7	1870.4	1938.1	1969.4	1938.1	1870.4	1779.7	1623.5	1405.4	1318.9	1345.3
52.5°	2471.1	2510.6	2533.3	2532.5	2533.3	2510.6	2471.1	2428.7	2380.5	2299.6	2223.7
50°	2754.4	2773.6	2780.4	2776.2	2780.4	2773.6	2754.4	2724.6	2707.2	2670.2	2535.0
47.5°	4068.5	3716.4	3457.5	3395.3	3457.5	3716.4	4068.5	4227.8	4053.4	3698.5	3296.2
45°	5794.4	5928.0	6061.0	6102.4	6061.0	5928.0	5794.4	5733.7	5607.1	5452.6	5292.8
42.5°	6392.2	6435.7	6460.3	6461.3	6460.3	6435.7	6392.2	6335.4	6201.0	6032.8	5825.4
40°	6677.4	6718.5	6742.3	6744.5	6742.3	6718.5	6677.4	6621.0	6520.1	6372.4	6182.6
37.5°	6936.6	6971.5	6994.5	7017.9	6994.5	6971.5	6936.6	6920.2	6906.7	6756.6	6643.4
35°	8107.3	7842.1	7460.6	7518.4	7460.6	7842.1	8107.3	8137.9	7911.2	7489.6	7692.0
32.5°	10120.2	10231.7	10301.2	10419.8	10301.2	10231.7	10120.2	10017.6	10083.2	9852.9	9356.4
30°	11049.0	11085.8	11141.6	11200.3	11141.6	11085.8	11049.0	11019.6	11001.1	10732.5	10432.7
27.5°	11280.7	11318.8	11352.7	11378.1	11352.7	11318.8	11280.7	11258.9	11217.8	11049.3	10794.4
25°	11402.0	11425.7	11461.7	11493.4	11461.7	11425.7	11402.0	11397.3	11364.2	11260.2	11055.5
22.5°	11462.2	11464.7	11492.9	11532.9	11492.9	11464.7	11462.2	11471.8	11455.2	11409.9	11187.4
20°	11503.6	11481.2	11510.3	11536.2	11510.3	11481.2	11503.6	11518.6	11514.2	11515.2	11329.7
17.5°	12030.2	11729.7	11606.3	11608.6	11606.3	11729.7	12030.2	11730.4	11942.9	12040.9	11991.6
15°	13728.6	13841.3	14273.3	14506.7	14273.3	13841.3	13728.6	14051.9	13763.8	13830.8	13574.9
12.5°	14824.6	14784.5	14733.1	14803.1	14733.1	14784.5	14824.6	14835.0	14891.6	14922.1	14844.9
10°	14875.3	14870.7	14779.3	14878.8	14779.3	14870.7	14875.3	14906.0	14978.2	15029.2	14940.9
7.5°	14844.2	14847.0	14808.0	14905.2	14808.0	14847.0	14844.2	14925.4	14975.0	15004.6	14914.8
5°	14864.8	14797.9	14823.2	14878.8	14823.2	14797.9	14864.8	14872.6	14920.9	14956.6	14903.6
2.5°	14807.3	14800.4	14751.0	14789.9	14751.0	14800.4	14807.3	14838.4	14866.6	14882.2	14882.6
0°	14763.6	14727.3	14727.3	14760.3	14727.3	14727.3	14763.6	14819.5	14868.9	14911.7	14928.2
-2.5°	14841.5	14833.8	14829.1	14806.4	14829.1	14833.8	14841.5	14866.5	14891.0	14912.1	14919.8
-5°	14905.4	14885.9	14832.0	14905.2	14832.0	14885.9	14905.4	14932.9	14974.1	15003.4	14995.1
-7.5°	14974.4	14924.3	14873.1	14987.5	14873.1	14924.3	14974.4	14996.2	15045.5	15084.5	15080.8
-10°	15037.2	14965.0	14915.1	15027.0	14915.1	14965.0	15037.2	15087.8	15129.9	15167.0	15173.8
-12.5°	15120.4	15035.9	15002.5	15063.2	15002.5	15035.9	15120.4	15178.9	15224.4	15252.2	15241.2
-15°	15209.0	15150.5	15142.7	15178.5	15142.7	15150.5	15209.0	15270.2	15306.2	15329.0	15288.3
-17.5°	15287.0	15245.8	15266.2	15306.9	15266.2	15245.8	15287.0	15336.9	15366.8	15375.8	15320.2
-20°	15324.1	15301.2	15324.0	15425.5	15324.0	15301.2	15324.1	15355.9	15376.2	15371.1	15290.4

Classified

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

Scaled Data Report



REPORT NUMBER: P645593 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-750-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°	15321.0	15322.4	15362.7	15395.9	15362.7	15322.4	15321.0	15338.1	15336.4	15311.2	15175.7
-25°	15262.5	15293.3	15339.5	15405.7	15339.5	15293.3	15262.5	15261.0	15240.6	15174.9	15037.5
-27.5°	15121.5	15172.6	15221.0	15290.5	15221.0	15172.6	15121.5	15101.7	15065.5	14975.3	14863.6
-30°	14917.7	14978.5	15021.6	15096.2	15021.6	14978.5	14917.7	14880.4	14824.0	14720.8	14552.3
-32.5°	14669.6	14738.4	14789.4	14842.6	14789.4	14738.4	14669.6	14612.8	14552.5	14433.4	14201.0
-35°	14359.5	14433.6	14487.8	14536.3	14487.8	14433.6	14359.5	14284.8	14209.2	14106.9	13842.2
-37.5°	13986.8	14066.8	14128.5	14183.9	14128.5	14066.8	13986.8	13897.4	13817.7	13718.4	13461.4
-40°	13552.7	13634.7	13700.6	13762.4	13700.6	13634.7	13552.7	13450.4	13360.2	13244.4	13021.4
-42.5°	13045.2	13128.0	13196.0	13258.5	13196.0	13128.0	13045.2	12936.3	12825.7	12686.2	12493.2
-45°	12459.1	12544.3	12616.2	12682.2	12616.2	12544.3	12459.1	12345.2	12203.9	12022.2	11792.7
-47.5°	11784.0	11875.2	11936.7	11967.6	11936.7	11875.2	11784.0	11663.0	11498.8	11286.4	11034.7
-50°	11010.3	11101.4	11175.3	11229.9	11175.3	11101.4	11010.3	10889.8	10723.5	10493.3	10226.9
-52.5°	10158.7	10245.4	10308.9	10347.3	10308.9	10245.4	10158.7	10041.3	9880.5	9634.3	9353.4
-55°	9226.1	9317.0	9377.3	9405.5	9377.3	9317.0	9226.1	9104.9	8950.7	8700.0	8423.4
-57.5°	8168.4	8254.7	8318.8	8354.9	8318.8	8254.7	8168.4	8050.6	7902.0	7666.0	7399.9
-60°	6998.3	7075.4	7124.0	7143.0	7124.0	7075.4	6998.3	6890.4	6751.9	6544.5	6300.0
-62.5°	5801.4	5874.4	5920.0	5937.7	5920.0	5874.4	5801.4	5703.5	5582.1	5412.2	5207.9
-65°	4618.1	4663.9	4689.2	4692.9	4689.2	4663.9	4618.1	4549.2	4456.8	4326.5	4167.7
-67.5°	3562.7	3597.5	3618.7	3625.8	3618.7	3597.5	3562.7	3514.6	3453.6	3376.4	3279.3
-70°	2795.6	2819.6	2833.1	2835.5	2833.1	2819.6	2795.6	2759.4	2711.0	2646.4	2567.1
-72.5°	2084.3	2101.5	2095.4	2081.3	2095.4	2101.5	2084.3	2059.9	2028.2	1991.8	1954.5
-75°	1626.0	1644.9	1637.0	1623.6	1637.0	1644.9	1626.0	1603.3	1577.0	1547.1	1513.3
-77.5°	1298.9	1316.2	1307.7	1294.2	1307.7	1316.2	1298.9	1278.5	1255.1	1228.6	1197.8
-80°	927.6	937.8	944.9	948.5	944.9	937.8	927.6	914.9	900.1	884.3	872.1
-82.5°	474.8	460.8	452.0	441.3	452.0	460.8	474.8	486.2	494.9	500.7	503.4
-85°	134.2	131.0	133.2	135.0	133.2	131.0	134.2	136.9	139.1	140.9	152.4
-87.5°	38.3	39.3	39.5	39.5	39.5	39.3	38.3	37.3	36.1	35.0	35.3
-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: P645593 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-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°	1.6	2.3	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4	2.3
85°	3.1	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
82.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
80°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
77.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
75°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
72.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
70°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.7
67.5°	3.3	3.3	3.4	3.3	3.3	3.3	3.5	3.4	3.3	3.3	4.0
65°	4.1	3.9	4.1	4.6	4.8	4.5	4.6	4.7	4.7	4.5	4.2
62.5°	6.7	7.0	7.2	7.3	7.4	9.4	8.3	8.4	7.8	9.4	12.8
60°	15.9	12.5	18.7	20.8	17.9	30.5	51.7	46.6	13.8	74.6	86.0
57.5°	217.9	181.0	379.0	377.9	158.3	213.8	286.3	188.5	123.3	211.2	279.1
55°	1519.7	1391.7	1210.0	1190.7	1253.5	952.4	796.3	766.3	599.8	390.0	463.2
52.5°	2142.4	2014.8	1890.8	1775.5	1680.8	1579.5	1430.6	1269.8	1218.3	981.0	756.5
50°	2424.2	2548.1	2426.0	2127.6	2180.7	2036.6	1826.9	1655.9	1691.0	1545.8	1246.4
47.5°	3287.4	3438.6	3442.4	3264.4	3066.2	3005.1	2697.6	2163.3	2199.2	2193.0	1875.8
45°	4813.0	4601.9	4680.6	4430.6	4080.7	3887.3	3876.8	3305.3	2776.0	2690.0	2659.3
42.5°	5649.0	5492.8	5331.1	5144.6	4835.2	4526.6	4336.2	4014.7	3589.1	3212.4	3078.8
40°	5987.1	5805.1	5654.1	5499.7	5250.5	4934.5	4781.1	4359.0	4039.0	3713.0	3604.4
37.5°	6395.7	6050.2	6185.0	5892.9	5661.6	5584.7	5465.7	5026.4	4317.4	4257.8	4202.8
35°	7307.9	6984.8	7295.8	7240.7	6320.0	6422.5	6501.6	5961.7	5219.3	4816.9	4825.6
32.5°	9389.4	8644.6	8417.2	8695.7	8211.7	7408.1	7419.9	7255.5	6242.2	5656.5	5400.2
30°	10142.9	9812.2	9453.7	9405.4	9045.0	8580.2	8285.0	7889.9	7152.4	6484.0	6044.8
27.5°	10468.1	10167.9	9866.2	9633.5	9424.9	9109.4	8724.2	8260.0	7735.4	7136.4	6709.7
25°	10700.2	10364.1	10103.8	9846.8	9622.2	9383.4	8989.9	8537.8	8048.3	7565.4	7107.1
22.5°	10886.6	10573.3	10293.3	10016.7	9834.5	9577.7	9224.1	8757.2	8428.6	8121.7	7525.9
20°	11090.5	10788.5	10473.1	10486.4	10218.2	9789.4	9449.6	9217.1	9172.1	8826.7	8057.5
17.5°	11975.9	11145.5	11299.8	11592.4	11001.5	10223.1	10101.8	10114.8	9972.0	9650.9	8694.5
15°	13872.3	12672.9	12683.5	12885.2	12244.6	11288.3	11067.5	11040.5	10815.8	10460.6	9367.2
12.5°	14469.6	14069.0	13995.3	13695.5	13066.4	12351.8	12090.4	11948.6	11536.4	10849.1	9851.1
10°	14671.4	14439.3	14130.9	13828.6	13446.7	13159.7	12787.2	12272.0	11686.9	11024.1	10211.6
7.5°	14695.3	14454.6	14206.1	13918.1	13583.1	13246.1	12878.0	12365.9	11800.2	11150.0	10465.7
5°	14681.3	14441.2	14211.0	13935.7	13595.8	13269.1	12935.7	12429.3	11876.7	11232.3	10632.7
2.5°	14645.5	14402.5	14183.3	13933.2	13594.7	13279.9	12971.3	12497.3	11931.4	11300.2	10688.5
0°	14697.7	14457.3	14249.8	13969.9	13663.6	13298.1	12988.5	12567.0	11957.7	11345.2	10709.6
-2.5°	14720.1	14471.7	14281.6	13966.1	13712.2	13339.1	13025.5	12618.3	12007.5	11424.6	10760.5
-5°	14838.9	14592.0	14343.5	14027.2	13760.3	13411.2	13058.5	12639.2	12044.8	11467.7	10783.5
-7.5°	14917.0	14666.5	14377.6	14070.8	13802.6	13469.6	13078.7	12641.2	12079.0	11467.0	10794.5
-10°	14966.0	14704.1	14418.8	14104.5	13827.4	13484.8	13071.9	12630.2	12072.1	11440.3	10770.3
-12.5°	15034.6	14740.0	14446.2	14089.4	13811.5	13459.6	13047.3	12605.0	12020.4	11390.2	10708.6
-15°	15060.3	14757.6	14414.2	14064.5	13761.0	13418.7	12993.0	12530.3	11930.1	11312.9	10607.9
-17.5°	15070.9	14726.6	14360.6	14025.1	13698.0	13335.0	12885.7	12393.6	11814.4	11176.7	10475.1
-20°	15062.6	14662.0	14284.9	13919.7	13577.0	13208.4	12744.8	12257.5	11648.8	11000.1	10303.1



REPORT NUMBER: P645593 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-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°	14908.9	14546.1	14164.5	13768.4	13431.5	13040.5	12586.6	12082.2	11433.7	10806.3	10084.0
-25°	14739.8	14373.2	13979.0	13610.6	13251.8	12863.4	12396.9	11825.1	11209.1	10556.5	9818.3
-27.5°	14539.8	14154.5	13747.2	13372.5	12993.3	12611.0	12128.9	11552.8	10959.7	10246.2	9529.6
-30°	14269.8	13872.0	13456.9	13028.2	12681.5	12291.7	11815.0	11255.5	10618.7	9914.1	9232.1
-32.5°	13903.0	13528.9	13113.8	12706.3	12344.4	11935.3	11454.0	10898.7	10230.2	9563.7	8854.3
-35°	13530.4	13142.8	12747.1	12363.5	11982.2	11553.9	11062.6	10458.1	9819.3	9159.1	8422.8
-37.5°	13105.0	12701.3	12329.3	11964.8	11571.6	11132.4	10590.4	10006.3	9383.4	8657.6	7956.9
-40°	12647.9	12259.0	11852.9	11492.4	11073.0	10630.1	10106.3	9538.6	8853.5	8136.2	7477.5
-42.5°	12105.0	11716.4	11298.3	10897.0	10489.6	10068.4	9595.1	8980.9	8302.0	7625.3	6941.3
-45°	11449.7	11060.8	10649.8	10236.1	9854.8	9445.5	9005.2	8350.3	7679.8	7034.9	6378.6
-47.5°	10712.1	10335.3	9938.7	9528.5	9165.9	8754.9	8218.5	7609.3	7015.9	6402.3	5730.4
-50°	9911.3	9552.6	9185.9	8805.3	8397.9	7934.4	7419.6	6888.0	6300.4	5670.4	5056.7
-52.5°	9035.9	8707.7	8361.5	7995.8	7575.1	7115.2	6632.9	6068.5	5482.2	4947.5	4389.3
-55°	8122.4	7798.4	7456.2	7090.7	6698.5	6243.5	5743.8	5230.5	4751.9	4257.4	3831.5
-57.5°	7111.7	6804.5	6478.5	6133.6	5771.5	5348.2	4909.9	4474.3	4095.3	3711.0	3324.5
-60°	6031.3	5744.6	5467.3	5161.5	4827.1	4462.8	4143.3	3821.9	3500.3	3193.6	2882.3
-62.5°	4985.0	4745.1	4495.8	4247.8	3993.5	3730.5	3465.7	3217.6	2964.1	2704.1	2475.0
-65°	3996.1	3813.6	3617.0	3445.3	3265.0	3074.7	2861.9	2667.4	2483.1	2292.6	2097.7
-67.5°	3165.9	3035.7	2896.8	2761.3	2637.6	2506.1	2356.6	2199.3	2053.2	1912.1	1768.7
-70°	2483.6	2397.5	2307.2	2208.3	2109.6	2010.4	1900.4	1784.7	1667.4	1561.7	1460.6
-72.5°	1906.3	1846.7	1778.1	1707.0	1631.0	1563.5	1488.4	1410.2	1330.7	1250.5	1174.2
-75°	1474.9	1431.8	1384.9	1331.6	1267.3	1191.1	1134.6	1096.6	1048.6	990.3	926.6
-77.5°	1166.5	1135.2	1101.4	1056.1	1009.1	960.6	912.7	865.5	818.7	774.6	734.1
-80°	858.3	843.4	824.8	787.2	749.6	712.2	676.4	647.5	620.2	590.2	553.3
-82.5°	503.9	502.0	496.7	475.7	454.7	433.8	413.6	393.2	371.7	349.2	326.4
-85°	162.8	171.7	179.0	182.5	184.6	185.2	184.0	178.7	172.5	165.3	157.6
-87.5°	35.6	35.7	35.8	37.2	38.5	39.6	40.5	42.5	44.2	45.6	46.7
-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: P645593 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-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°	2.2	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.6	1.7	1.7
85°	3.3	3.3	3.3	3.3	3.3	3.3	3.0	2.8	3.2	3.4	3.5
82.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4	4.2	5.0	5.2
80°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4	4.2	5.0	5.9
77.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.5	4.3	5.1	5.9
75°	3.3	3.3	3.3	3.4	3.5	3.3	3.3	3.5	4.4	5.2	6.0
72.5°	3.3	3.3	3.3	3.7	4.2	4.2	3.8	3.6	4.4	5.2	6.0
70°	3.8	3.5	3.3	3.8	4.7	5.3	5.2	5.2	4.6	5.3	6.1
67.5°	4.9	5.0	4.5	4.5	4.8	5.6	6.4	7.5	7.3	5.5	6.2
65°	5.0	5.9	6.9	9.3	8.2	5.7	6.5	12.9	10.3	8.8	6.3
62.5°	10.9	6.1	20.8	27.8	15.7	12.3	9.8	28.7	18.1	12.2	8.8
60°	25.9	21.2	58.1	93.0	64.9	21.8	32.1	49.8	45.7	15.8	12.4
57.5°	241.6	83.0	120.3	174.0	170.9	92.7	67.6	90.3	77.7	44.8	17.6
55°	515.6	433.9	286.5	262.3	283.4	228.8	148.9	146.1	119.9	83.1	28.4
52.5°	707.4	738.2	642.5	448.8	390.9	372.4	290.8	211.9	188.2	124.7	72.2
50°	1023.9	953.5	944.0	792.4	548.1	496.1	429.4	331.1	264.0	178.4	121.9
47.5°	1446.5	1270.6	1177.4	1109.3	874.5	632.4	563.3	452.8	347.7	256.9	174.1
45°	2067.1	1642.3	1461.9	1351.5	1198.4	889.4	704.9	571.0	453.2	344.9	228.6
42.5°	2690.3	2123.4	1786.9	1608.5	1449.2	1179.6	856.4	707.3	555.9	434.4	297.8
40°	3240.3	2619.4	2128.5	1899.1	1695.5	1459.9	1101.6	853.1	656.7	526.6	376.6
37.5°	3902.6	3184.2	2521.6	2203.7	1958.0	1694.1	1350.5	1005.5	777.8	623.3	455.4
35°	4543.3	3915.4	2961.4	2571.6	2250.1	1934.2	1590.2	1185.5	926.5	721.6	534.3
32.5°	5231.2	4603.1	3625.7	2982.4	2552.6	2179.6	1814.2	1404.5	1076.0	821.1	612.9
30°	5772.8	5055.8	4208.7	3393.7	2881.6	2453.4	2038.0	1614.5	1225.9	921.4	692.2
27.5°	6059.9	5447.4	4668.7	3852.1	3251.9	2734.1	2268.5	1815.3	1375.6	1031.6	774.8
25°	6356.9	5723.4	4997.6	4252.7	3617.5	3031.2	2498.0	2006.7	1539.1	1156.0	856.5
22.5°	6712.1	5957.9	5274.8	4570.3	3994.7	3332.5	2738.7	2200.5	1702.5	1277.9	936.9
20°	7068.7	6175.8	5548.5	5002.4	4364.8	3658.5	2990.4	2389.6	1856.7	1396.7	1015.6
17.5°	7443.1	6571.4	6013.0	5424.0	4733.7	3974.4	3238.3	2572.7	2001.4	1511.7	1092.0
15°	8094.6	7163.7	6480.9	5834.3	5100.7	4278.1	3480.3	2748.6	2136.4	1622.2	1163.1
12.5°	8686.2	7715.0	6949.2	6231.0	5461.7	4567.9	3713.7	2916.0	2261.3	1710.3	1226.5
10°	9175.7	8226.4	7412.1	6611.8	5812.0	4841.4	3936.1	3052.4	2336.4	1776.1	1284.8
7.5°	9576.6	8699.0	7863.4	6974.2	6113.1	5020.2	4048.4	3131.9	2394.4	1832.0	1338.0
5°	9866.3	9014.3	8103.1	7100.5	6207.1	5093.6	4124.6	3196.6	2441.3	1878.7	1385.9
2.5°	9949.7	9111.1	8193.2	7169.6	6270.7	5141.2	4179.1	3246.1	2477.3	1916.6	1428.5
0°	9998.2	9174.9	8249.5	7212.2	6303.2	5163.8	4212.0	3280.1	2502.9	1946.3	1465.5
-2.5°	10066.1	9229.9	8304.0	7321.5	6324.8	5232.9	4230.6	3302.2	2535.2	1957.0	1487.1
-5°	10100.0	9251.4	8330.1	7394.9	6319.2	5274.1	4228.3	3309.3	2556.2	1960.6	1502.9
-7.5°	10085.1	9244.1	8331.2	7417.9	6290.6	5283.6	4205.4	3301.9	2564.7	1957.9	1512.8
-10°	10039.6	9206.6	8299.2	7358.4	6264.3	5246.3	4164.4	3280.9	2559.6	1949.5	1516.5
-12.5°	9970.5	9136.6	8234.2	7272.7	6209.4	5169.3	4116.2	3244.9	2539.0	1936.0	1514.0
-15°	9880.8	9034.7	8135.4	7163.9	6119.2	5066.9	4043.7	3192.7	2498.7	1920.7	1505.1
-17.5°	9765.6	8901.8	8002.3	7034.7	5992.2	4940.0	3946.3	3124.7	2448.4	1902.0	1486.9
-20°	9560.1	8723.3	7833.2	6887.9	5827.3	4789.6	3823.7	3040.9	2388.4	1875.5	1461.0



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	9329.2	8502.3	7622.4	6689.8	5628.7	4616.7	3675.4	2941.3	2319.3	1840.9	1429.9
-25°	9082.9	8253.5	7377.3	6415.6	5409.2	4434.0	3526.9	2826.0	2241.5	1798.1	1393.7
-27.5°	8793.6	7971.7	7099.7	6113.6	5154.5	4222.0	3384.6	2723.8	2166.1	1747.1	1352.7
-30°	8468.5	7640.4	6752.5	5791.3	4875.2	3976.8	3224.9	2614.8	2102.4	1691.3	1307.0
-32.5°	8095.7	7275.4	6367.9	5461.5	4580.2	3716.7	3048.7	2498.1	2028.8	1632.2	1264.6
-35°	7671.6	6850.6	5960.3	5107.4	4267.6	3506.6	2876.4	2374.3	1945.3	1568.3	1220.1
-37.5°	7229.7	6394.8	5552.7	4737.6	3935.3	3279.1	2721.4	2252.1	1852.0	1499.8	1170.8
-40°	6725.2	5925.7	5124.9	4356.7	3647.6	3034.9	2553.7	2131.4	1763.9	1426.9	1116.9
-42.5°	6205.4	5433.7	4678.7	3953.5	3363.7	2835.9	2378.1	2001.5	1670.8	1356.5	1058.5
-45°	5645.0	4914.3	4204.2	3613.8	3074.9	2625.4	2224.3	1866.8	1571.6	1284.4	998.2
-47.5°	5053.8	4366.8	3773.0	3259.8	2829.4	2413.7	2060.8	1750.3	1467.5	1207.3	937.7
-50°	4427.7	3857.0	3375.7	2952.2	2564.8	2223.1	1897.9	1628.3	1371.9	1122.0	874.2
-52.5°	3872.7	3415.5	3017.3	2654.8	2331.4	2022.7	1757.5	1503.3	1273.5	1040.3	807.9
-55°	3397.3	3022.5	2686.5	2384.7	2100.0	1850.9	1611.8	1392.2	1172.5	958.5	740.9
-57.5°	2986.7	2659.2	2390.2	2128.1	1893.0	1680.6	1478.9	1278.6	1075.5	873.7	687.6
-60°	2592.3	2347.7	2108.3	1897.7	1698.7	1518.4	1353.7	1165.2	977.7	788.9	628.7
-62.5°	2251.5	2042.7	1861.8	1678.2	1512.9	1365.9	1227.3	1054.1	877.0	710.6	564.7
-65°	1932.2	1771.8	1617.8	1471.3	1334.1	1209.6	1097.5	940.4	776.1	627.4	498.2
-67.5°	1628.9	1508.1	1387.2	1264.2	1156.3	1055.5	959.6	817.6	670.7	540.0	432.2
-70°	1358.0	1254.9	1160.1	1068.7	981.2	897.2	806.7	686.9	560.6	461.6	364.6
-72.5°	1102.3	1026.9	948.1	873.1	808.4	734.5	651.3	557.9	469.3	381.8	295.6
-75°	865.6	815.8	760.4	700.7	640.4	574.4	519.5	454.1	376.9	300.6	238.2
-77.5°	692.5	644.0	588.5	540.9	500.5	455.4	405.4	348.7	287.4	233.8	184.1
-80°	510.9	473.7	442.3	415.0	377.6	336.4	294.9	253.6	209.0	167.4	129.0
-82.5°	311.6	303.5	294.8	282.1	251.0	220.4	190.4	160.9	129.3	100.0	82.8
-85°	155.9	152.7	148.1	141.4	122.3	103.6	94.9	86.1	75.5	65.2	55.3
-87.5°	51.3	55.1	58.2	60.4	56.2	51.9	47.5	43.1	37.8	32.6	27.7
-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):

	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°	1.7	1.4	1.1	0.9	0.6	0.4	0.0
85°	3.4	2.9	2.3	1.7	1.2	0.7	0.0
82.5°	5.1	4.3	3.4	2.6	1.7	1.1	0.0
80°	6.6	5.7	4.6	3.4	2.3	1.4	0.0
77.5°	6.6	6.7	5.7	4.3	2.9	1.8	0.0
75°	6.7	6.9	6.7	5.1	3.5	2.1	0.0
72.5°	6.8	7.1	7.0	5.9	4.1	2.5	0.0
70°	7.0	7.3	7.3	6.7	4.6	2.9	0.0
67.5°	7.8	7.6	7.6	7.0	5.2	3.2	0.0
65°	8.9	8.8	7.9	7.3	5.8	3.6	0.0
62.5°	10.3	10.9	8.3	7.7	6.4	3.9	0.0
60°	12.2	13.2	8.7	8.0	7.0	4.2	0.0
57.5°	22.5	15.8	11.2	8.3	7.4	4.6	0.0
55°	35.9	18.7	13.9	8.7	7.8	4.9	0.0
52.5°	51.6	24.0	16.8	9.1	8.1	5.2	0.0
50°	69.5	40.9	19.8	9.4	8.5	5.5	0.0
47.5°	93.5	59.1	23.0	10.3	8.9	5.9	0.0
45°	141.0	78.6	26.3	12.8	9.3	6.2	0.0
42.5°	189.6	99.3	29.6	15.3	9.7	6.5	0.0
40°	239.4	121.3	39.9	18.5	10.2	6.8	0.0
37.5°	290.1	144.4	57.1	22.5	10.6	7.1	0.0
35°	341.6	179.3	74.5	26.9	11.0	7.3	0.0
32.5°	397.4	219.9	92.2	31.7	11.4	7.6	0.0
30°	461.2	260.2	110.0	36.9	11.9	7.9	0.0
27.5°	523.8	300.0	132.0	42.5	12.3	8.1	0.0
25°	584.9	339.2	154.5	48.3	12.7	8.3	0.0
22.5°	644.2	379.2	177.0	54.4	13.2	8.6	0.0
20°	701.5	422.0	199.3	60.7	13.6	8.8	0.0
17.5°	758.2	463.5	221.2	67.1	14.0	9.0	0.0
15°	812.7	503.4	242.5	73.6	14.4	9.1	0.0
12.5°	863.6	541.4	263.2	80.0	14.8	9.3	0.0
10°	910.9	577.3	282.9	86.3	15.2	9.5	0.0
7.5°	954.3	610.8	301.6	92.4	15.5	9.6	0.0
5°	993.8	641.8	318.9	98.2	15.9	9.7	0.0
2.5°	1029.2	669.9	334.8	103.7	16.2	9.8	0.0
0°	1060.4	694.9	349.1	108.7	16.5	9.9	0.0
-2.5°	1075.9	710.7	362.4	115.8	19.1	10.5	0.0
-5°	1087.3	723.2	373.7	122.3	21.6	11.0	0.0
-7.5°	1094.5	732.3	382.9	128.1	24.1	11.5	0.0
-10°	1097.8	738.0	389.9	133.2	26.4	12.0	0.0
-12.5°	1097.2	740.3	394.6	137.4	28.7	12.4	0.0
-15°	1092.9	739.2	396.8	140.8	30.8	12.9	0.0
-17.5°	1084.9	734.8	396.5	143.2	32.8	13.2	0.0
-20°	1072.5	727.0	393.7	144.7	34.6	13.5	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1054.6	715.9	388.1	145.1	36.3	13.8	0.0
-25°	1032.5	698.7	379.8	144.4	37.7	14.0	0.0
-27.5°	1006.2	677.3	368.8	142.7	38.9	14.2	0.0
-30°	975.9	652.9	354.9	139.7	40.0	14.3	0.0
-32.5°	941.5	625.6	338.8	135.6	40.7	14.3	0.0
-35°	904.3	595.4	320.8	130.3	41.3	14.3	0.0
-37.5°	864.3	565.1	301.0	123.8	41.6	14.2	0.0
-40°	821.2	537.7	279.5	116.1	41.6	14.1	0.0
-42.5°	775.1	508.3	263.2	107.7	41.4	13.8	0.0
-45°	726.1	477.0	252.1	99.3	40.9	13.6	0.0
-47.5°	674.3	443.9	238.9	89.6	40.1	13.2	0.0
-50°	631.0	409.1	223.8	86.5	39.1	12.8	0.0
-52.5°	587.7	372.5	206.7	84.7	37.9	12.4	0.0
-55°	542.7	345.0	187.8	82.1	36.4	11.9	0.0
-57.5°	496.0	316.9	167.1	78.5	34.6	11.3	0.0
-60°	448.6	286.3	145.4	74.1	32.7	10.6	0.0
-62.5°	405.3	253.2	135.1	68.8	30.7	10.0	0.0
-65°	358.9	217.9	123.3	62.8	28.5	9.2	0.0
-67.5°	309.6	188.4	110.2	56.0	26.2	8.4	0.0
-70°	257.6	164.8	95.8	48.6	23.7	7.6	0.0
-72.5°	217.9	139.5	80.4	42.8	21.0	6.7	0.0
-75°	178.1	112.7	64.0	37.2	18.3	5.8	0.0
-77.5°	136.4	84.5	52.8	31.4	15.4	4.9	0.0
-80°	93.1	64.4	42.7	25.3	12.4	4.0	0.0
-82.5°	68.3	48.7	32.3	19.1	9.4	3.0	0.0
-85°	45.8	32.6	21.6	12.8	6.3	2.0	0.0
-87.5°	23.0	16.4	10.8	6.4	3.2	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)