

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



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P645560 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-722-U-LAM-XX**

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-08
Report Number: P645560 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-21)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/28/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6C-722-U-LAM-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, LAMBERTIAN
Light Source: (96) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

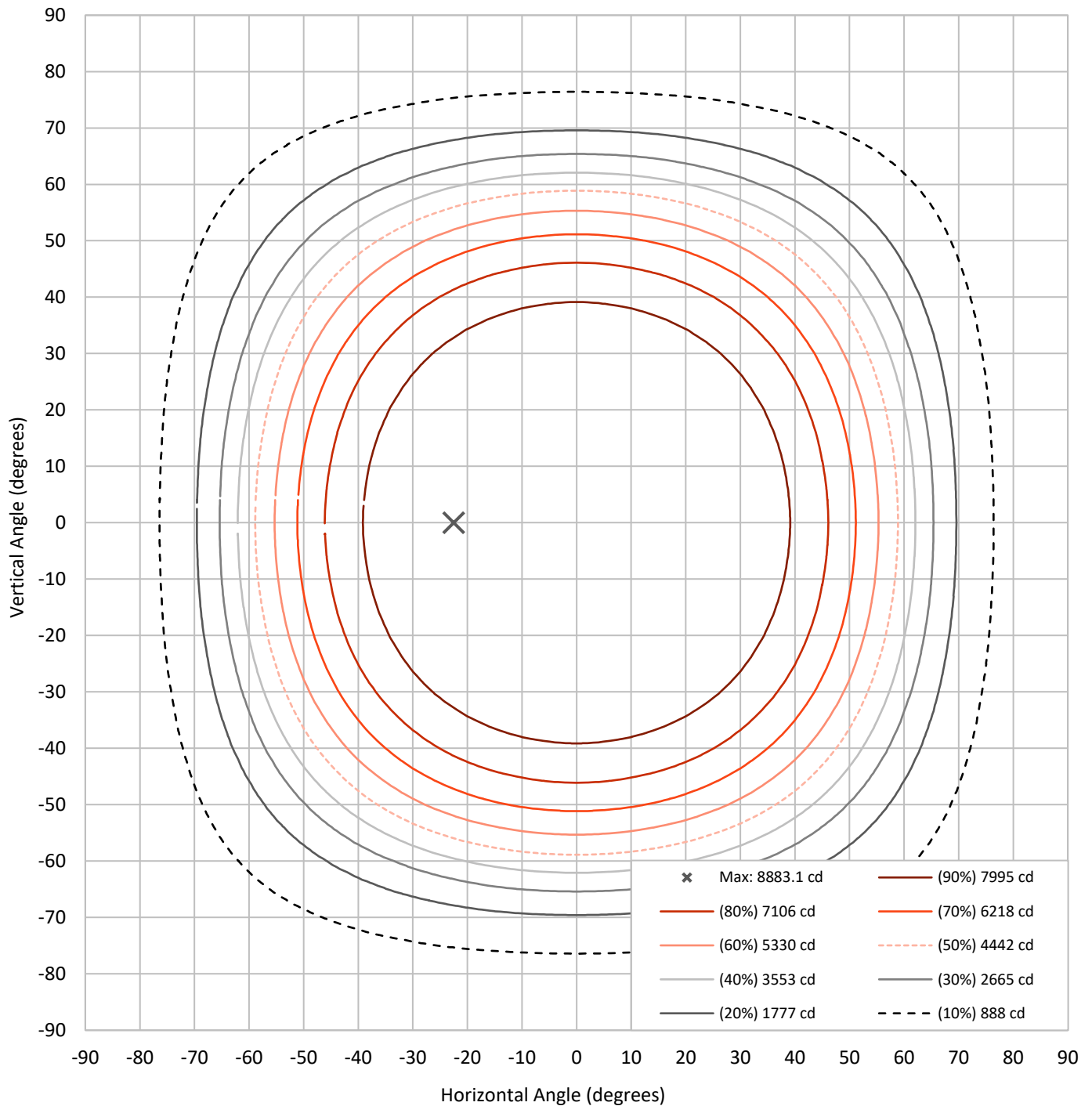
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	27173.8 lumens	Max Intensity:	8883.1 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	109.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	117.8°H x 112°V	Field Angle (10%):	152.8°H x 150.5°V
Beam Lumens:	22614.5 lumens	Field Lumens:	26639.4 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	247.5		
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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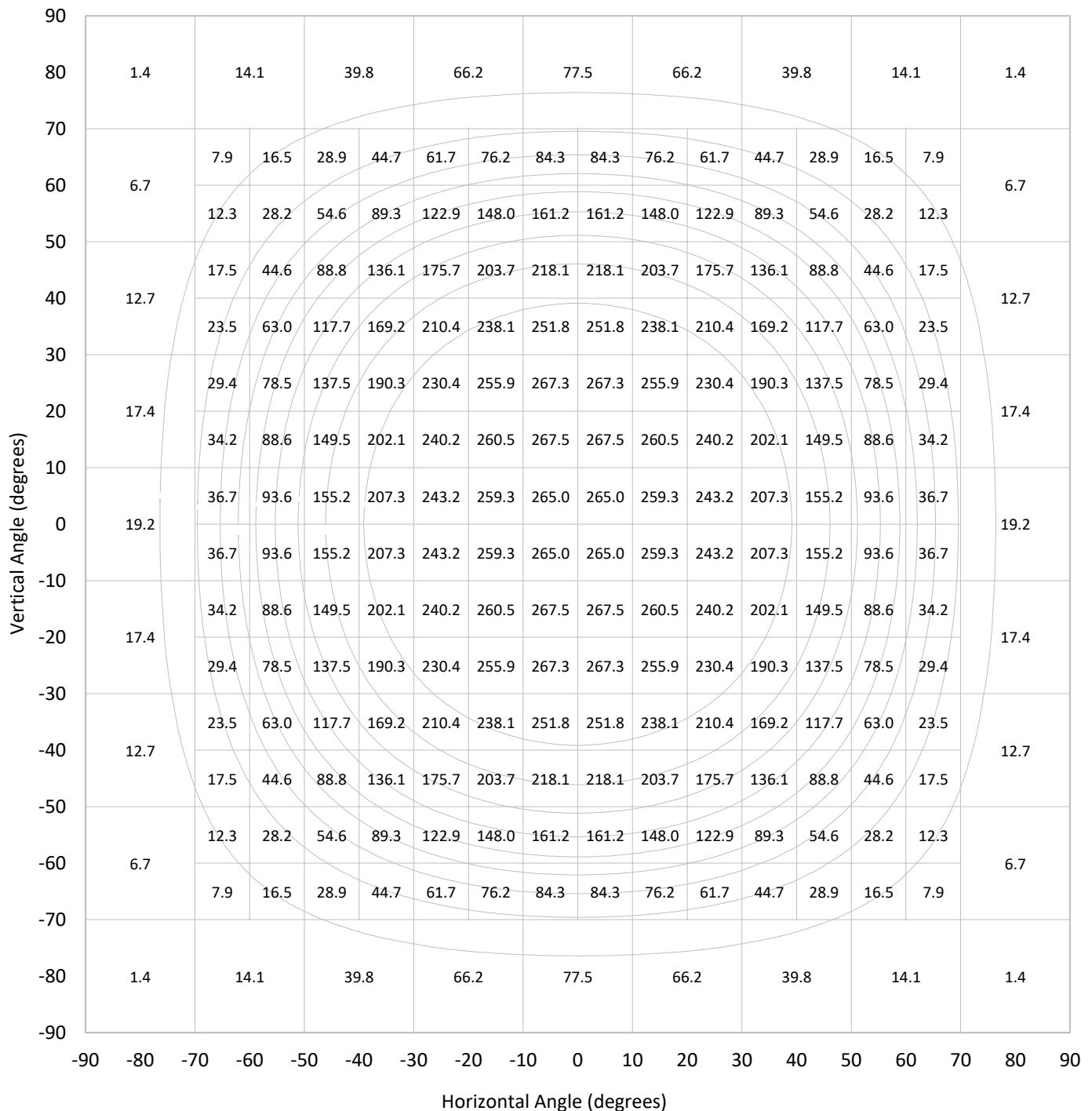
Iso-Candela Plot





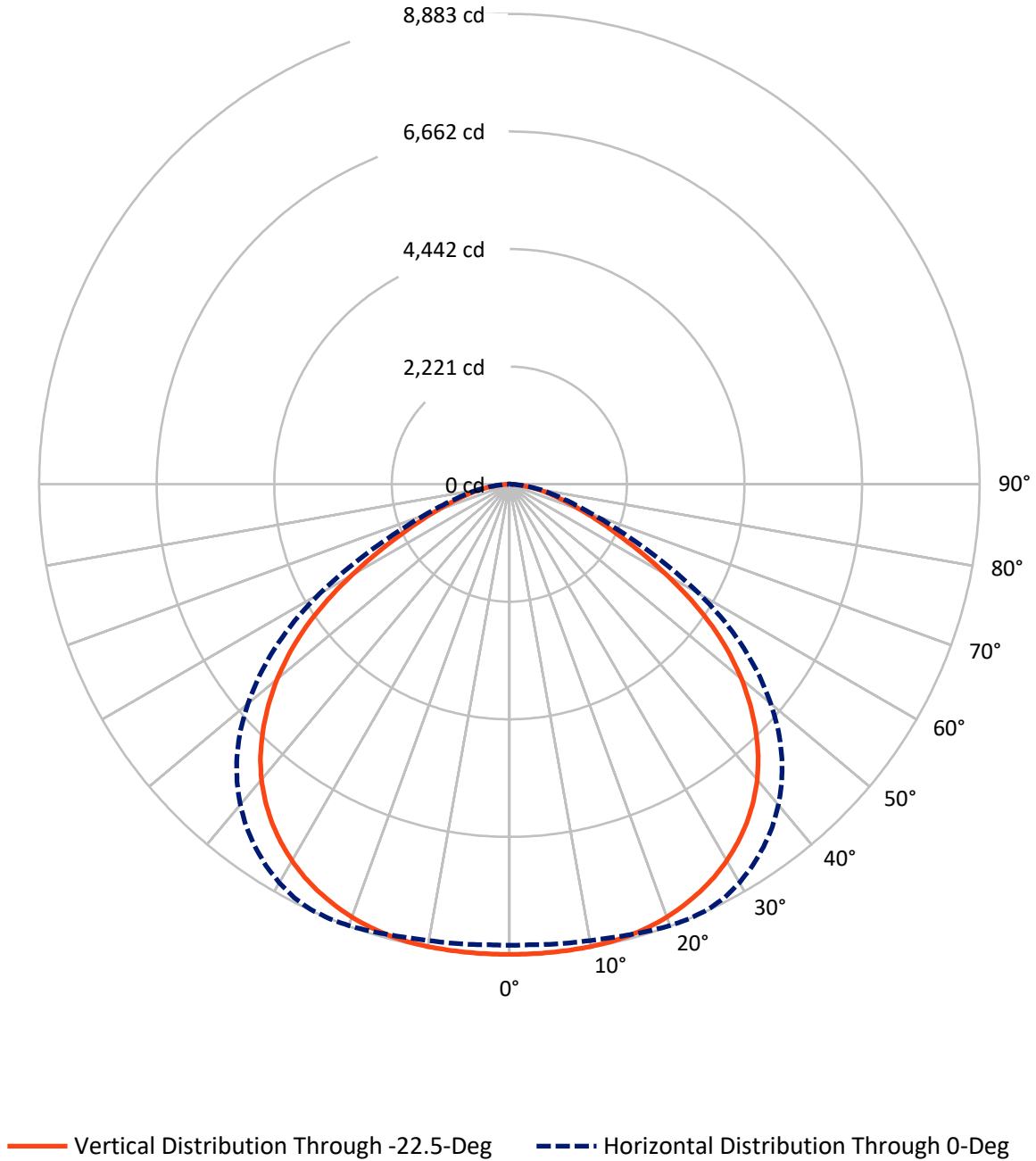
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Lumen Table



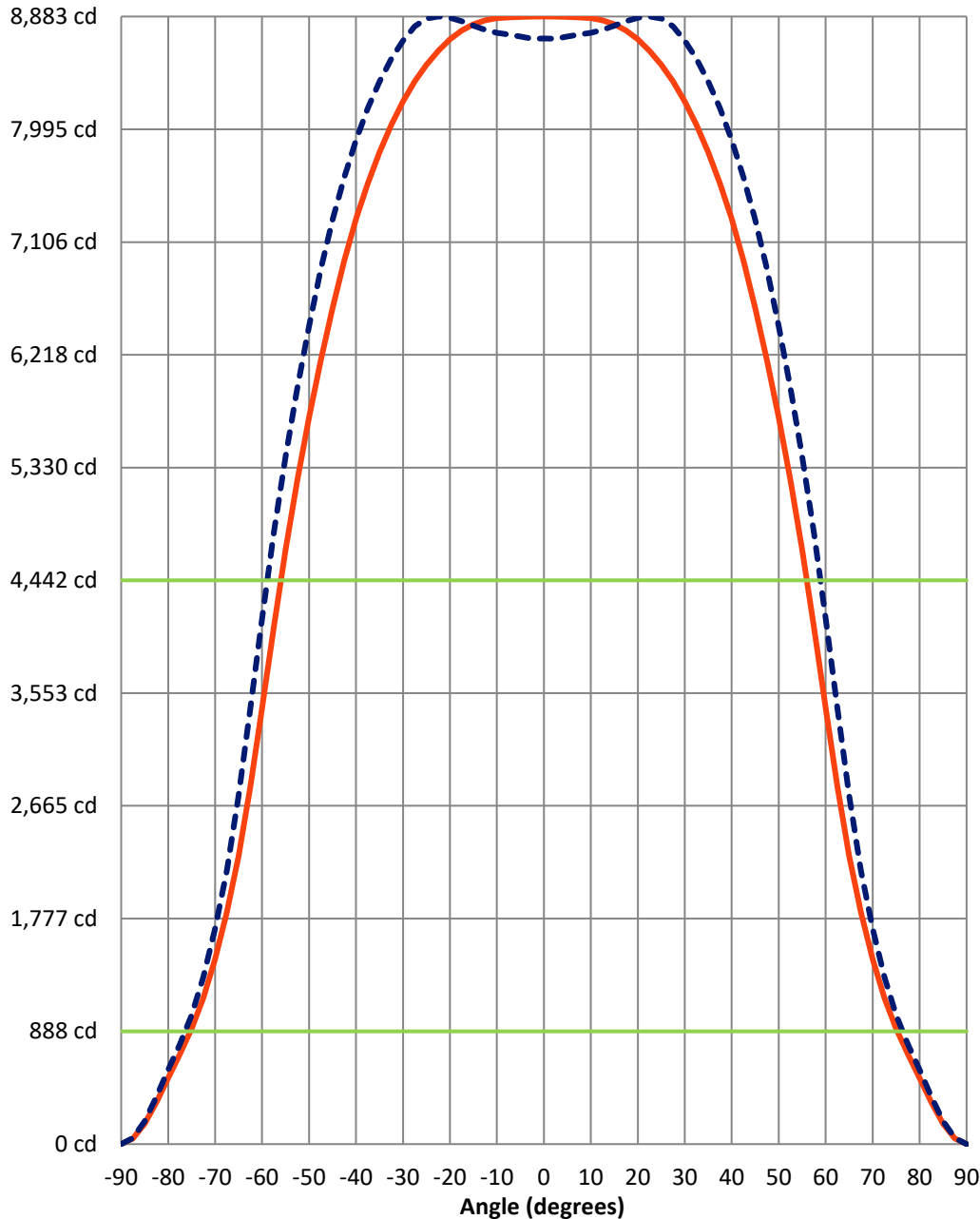
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 22614.5
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 26639.4
 Efficiency: 98.0%

Spill:
 Lumens: 534.4
 Efficiency: 2.0%

— Vertical Distribution through -22.5-Deg
 - - Horizontal Distribution through 0-Deg



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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	2.1	4.2	6.3	8.4	10.5	12.6	14.6	16.6	18.6	20.5
85°	0.0	4.2	8.5	12.7	16.9	21.0	25.1	29.2	33.2	37.2	41.0
82.5°	0.0	6.3	12.7	19.0	25.2	31.5	37.6	43.7	51.7	67.8	83.6
80°	0.0	8.4	16.9	25.2	33.6	41.9	52.6	74.7	96.4	117.9	138.9
77.5°	0.0	10.5	21.0	31.5	41.9	58.4	86.2	113.7	140.9	167.6	199.9
75°	0.0	12.6	25.1	37.6	52.6	86.2	119.5	152.4	186.8	233.5	279.3
72.5°	0.0	14.6	29.2	43.7	74.7	113.7	152.4	195.3	250.3	304.5	357.9
70°	0.0	16.6	33.2	51.7	96.4	140.9	186.8	250.3	313.0	375.0	441.9
67.5°	0.0	18.6	37.2	67.8	117.9	167.6	233.5	304.5	375.0	451.3	526.4
65°	0.0	20.5	41.0	83.6	138.9	199.9	279.3	357.9	441.9	526.4	608.4
62.5°	0.0	22.4	44.8	99.1	159.6	237.4	324.2	414.0	507.7	599.5	686.4
60°	0.0	24.3	48.6	114.3	179.8	274.1	368.2	470.5	572.1	668.5	762.9
57.5°	0.0	26.1	58.3	129.1	208.0	310.0	415.0	525.6	632.7	735.9	844.5
55°	0.0	27.9	67.9	143.4	235.9	344.8	461.1	579.3	691.3	803.7	927.5
52.5°	0.0	29.6	77.2	157.4	263.0	379.2	505.9	629.4	748.2	876.4	1008.2
50°	0.0	31.2	86.2	170.9	289.2	415.3	549.2	677.6	805.6	946.9	1108.5
47.5°	0.0	32.8	94.9	185.3	314.5	450.2	590.8	724.3	866.1	1015.1	1208.2
45°	0.0	34.4	103.2	203.6	338.8	483.7	629.2	769.1	924.4	1100.9	1304.4
42.5°	0.0	35.8	111.2	221.0	362.1	515.8	666.0	815.6	980.4	1183.9	1417.7
40°	0.0	37.2	118.8	237.6	385.4	546.4	701.2	862.3	1039.4	1263.3	1529.7
37.5°	0.0	38.6	126.1	253.4	408.7	575.6	734.6	906.7	1106.3	1344.4	1636.4
35°	0.0	39.8	132.9	268.4	430.6	602.3	766.2	948.7	1169.7	1435.1	1745.4
32.5°	0.0	41.0	139.3	282.4	451.3	627.0	797.1	988.3	1229.4	1520.5	1859.9
30°	0.0	42.1	145.3	295.5	470.6	650.1	828.7	1028.0	1285.3	1600.5	1967.3
27.5°	0.0	43.1	150.9	307.7	488.5	671.5	858.0	1073.2	1342.4	1675.0	2067.2
25°	0.0	44.0	156.0	318.9	505.0	691.2	885.0	1114.8	1402.9	1752.5	2160.6
22.5°	0.0	44.9	160.6	329.0	520.0	709.2	909.7	1152.8	1458.2	1827.7	2269.6
20°	0.0	45.7	164.8	338.2	533.5	725.4	931.8	1187.0	1508.0	1895.5	2368.1
17.5°	0.0	46.3	168.5	346.3	545.5	739.7	951.5	1217.4	1552.2	1955.7	2455.7
15°	0.0	46.9	171.8	353.4	555.9	752.2	968.7	1243.8	1590.8	2008.3	2532.2
12.5°	0.0	47.4	174.5	359.4	564.8	762.9	983.2	1266.4	1623.7	2053.0	2597.3
10°	0.0	47.9	176.8	364.4	572.1	771.6	995.2	1284.8	1650.7	2089.8	2650.8
7.5°	0.0	48.2	178.5	368.2	577.8	778.4	1004.6	1299.3	1671.7	2118.5	2692.6
5°	0.0	48.4	179.8	371.0	581.8	783.3	1011.2	1309.6	1686.8	2139.1	2722.6
2.5°	0.0	48.6	180.5	372.6	584.3	786.2	1015.3	1315.8	1695.9	2151.5	2740.6
0°	0.0	48.6	180.8	373.2	585.1	787.2	1016.6	1317.9	1698.9	2155.6	2746.6
-2.5°	0.0	48.6	180.5	372.6	584.3	786.2	1015.3	1315.8	1695.9	2151.5	2740.6
-5°	0.0	48.4	179.8	371.0	581.8	783.3	1011.2	1309.6	1686.8	2139.1	2722.6
-7.5°	0.0	48.2	178.5	368.2	577.8	778.4	1004.6	1299.3	1671.7	2118.5	2692.6
-10°	0.0	47.9	176.8	364.4	572.1	771.6	995.2	1284.8	1650.7	2089.8	2650.8
-12.5°	0.0	47.4	174.5	359.4	564.8	762.9	983.2	1266.4	1623.7	2053.0	2597.3
-15°	0.0	46.9	171.8	353.4	555.9	752.2	968.7	1243.8	1590.8	2008.3	2532.2
-17.5°	0.0	46.3	168.5	346.3	545.5	739.7	951.5	1217.4	1552.2	1955.7	2455.7
-20°	0.0	45.7	164.8	338.2	533.5	725.4	931.8	1187.0	1508.0	1895.5	2368.1

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Scaled Data Report



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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	44.9	160.6	329.0	520.0	709.2	909.7	1152.8	1458.2	1827.7	2269.6
-25°	0.0	44.0	156.0	318.9	505.0	691.2	885.0	1114.8	1402.9	1752.5	2160.6
-27.5°	0.0	43.1	150.9	307.7	488.5	671.5	858.0	1073.2	1342.4	1675.0	2067.2
-30°	0.0	42.1	145.3	295.5	470.6	650.1	828.7	1028.0	1285.3	1600.5	1967.3
-32.5°	0.0	41.0	139.3	282.4	451.3	627.0	797.1	988.3	1229.4	1520.5	1859.9
-35°	0.0	39.8	132.9	268.4	430.6	602.3	766.2	948.7	1169.7	1435.1	1745.4
-37.5°	0.0	38.6	126.1	253.4	408.7	575.6	734.6	906.7	1106.3	1344.4	1636.4
-40°	0.0	37.2	118.8	237.6	385.4	546.4	701.2	862.3	1039.4	1263.3	1529.7
-42.5°	0.0	35.8	111.2	221.0	362.1	515.8	666.0	815.6	980.4	1183.9	1417.7
-45°	0.0	34.4	103.2	203.6	338.8	483.7	629.2	769.1	924.4	1100.9	1304.4
-47.5°	0.0	32.8	94.9	185.3	314.5	450.2	590.8	724.3	866.1	1015.1	1208.2
-50°	0.0	31.2	86.2	170.9	289.2	415.3	549.2	677.6	805.6	946.9	1108.5
-52.5°	0.0	29.6	77.2	157.4	263.0	379.2	505.9	629.4	748.2	876.4	1008.2
-55°	0.0	27.9	67.9	143.4	235.9	344.8	461.1	579.3	691.3	803.7	927.5
-57.5°	0.0	26.1	58.3	129.1	208.0	310.0	415.0	525.6	632.7	735.9	844.5
-60°	0.0	24.3	48.6	114.3	179.8	274.1	368.2	470.5	572.1	668.5	762.9
-62.5°	0.0	22.4	44.8	99.1	159.6	237.4	324.2	414.0	507.7	599.5	686.4
-65°	0.0	20.5	41.0	83.6	138.9	199.9	279.3	357.9	441.9	526.4	608.4
-67.5°	0.0	18.6	37.2	67.8	117.9	167.6	233.5	304.5	375.0	451.3	526.4
-70°	0.0	16.6	33.2	51.7	96.4	140.9	186.8	250.3	313.0	375.0	441.9
-72.5°	0.0	14.6	29.2	43.7	74.7	113.7	152.4	195.3	250.3	304.5	357.9
-75°	0.0	12.6	25.1	37.6	52.6	86.2	119.5	152.4	186.8	233.5	279.3
-77.5°	0.0	10.5	21.0	31.5	41.9	58.4	86.2	113.7	140.9	167.6	199.9
-80°	0.0	8.4	16.9	25.2	33.6	41.9	52.6	74.7	96.4	117.9	138.9
-82.5°	0.0	6.3	12.7	19.0	25.2	31.5	37.6	43.7	51.7	67.8	83.6
-85°	0.0	4.2	8.5	12.7	16.9	21.0	25.1	29.2	33.2	37.2	41.0
-87.5°	0.0	2.1	4.2	6.3	8.4	10.5	12.6	14.6	16.6	18.6	20.5
-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: P645560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-722-U-LAM-XX

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°	22.4	24.3	26.1	27.9	29.6	31.2	32.8	34.4	35.8	37.2	38.6
85°	44.8	48.6	58.3	67.9	77.2	86.2	94.9	103.2	111.2	118.8	126.1
82.5°	99.1	114.3	129.1	143.4	157.4	170.9	185.3	203.6	221.0	237.6	253.4
80°	159.6	179.8	208.0	235.9	263.0	289.2	314.5	338.8	362.1	385.4	408.7
77.5°	237.4	274.1	310.0	344.8	379.2	415.3	450.2	483.7	515.8	546.4	575.6
75°	324.2	368.2	415.0	461.1	505.9	549.2	590.8	629.2	666.0	701.2	734.6
72.5°	414.0	470.5	525.6	579.3	629.4	677.6	724.3	769.1	815.6	862.3	906.7
70°	507.7	572.1	632.7	691.3	748.2	805.6	866.1	924.4	980.4	1039.4	1106.3
67.5°	599.5	668.5	735.9	803.7	876.4	946.9	1015.1	1100.9	1183.9	1263.3	1344.4
65°	686.4	762.9	844.5	927.5	1008.2	1108.5	1208.2	1304.4	1417.7	1529.7	1636.4
62.5°	771.9	865.1	958.3	1059.7	1176.4	1289.7	1421.1	1555.2	1684.2	1829.5	1971.0
60°	865.1	968.7	1087.0	1217.4	1351.6	1508.0	1659.7	1827.7	1997.0	2160.6	2361.4
57.5°	958.3	1087.0	1231.1	1386.4	1560.5	1736.2	1933.5	2124.4	2353.5	2582.3	2810.0
55°	1059.7	1217.4	1386.4	1578.1	1778.7	1997.5	2226.3	2493.1	2751.2	3038.8	3314.2
52.5°	1176.4	1351.6	1560.5	1778.7	2019.0	2282.2	2577.5	2882.9	3204.5	3516.7	3823.0
50°	1289.7	1508.0	1736.2	1997.5	2282.2	2605.8	2949.2	3304.8	3655.9	3998.3	4319.1
47.5°	1421.1	1659.7	1933.5	2226.3	2577.5	2949.2	3338.4	3726.0	4104.6	4456.0	4792.5
45°	1555.2	1827.7	2124.4	2493.1	2882.9	3304.8	3726.0	4140.2	4524.9	4888.0	5205.6
42.5°	1684.2	1997.0	2353.5	2751.2	3204.5	3655.9	4104.6	4524.9	4919.1	5268.7	5587.7
40°	1829.5	2160.6	2582.3	3038.8	3516.7	3998.3	4456.0	4888.0	5268.7	5616.8	5939.8
37.5°	1971.0	2361.4	2810.0	3314.2	3823.0	4319.1	4792.5	5205.6	5587.7	5939.8	6249.7
35°	2105.3	2552.3	3051.8	3581.1	4115.3	4619.7	5080.5	5501.0	5880.7	6222.4	6539.2
32.5°	2254.7	2732.8	3280.7	3837.6	4381.6	4895.3	5352.0	5763.4	6140.8	6487.8	6802.5
30°	2408.8	2927.4	3498.0	4079.1	4631.8	5134.2	5590.1	6006.7	6381.2	6723.9	7032.3
27.5°	2552.3	3111.0	3705.2	4297.6	4860.3	5358.2	5808.0	6218.1	6594.8	6939.8	7238.7
25°	2684.9	3280.7	3897.1	4497.7	5052.7	5551.8	6005.6	6415.4	6789.9	7121.1	7411.6
22.5°	2815.8	3436.2	4072.9	4681.3	5229.4	5724.7	6174.4	6585.4	6960.1	7288.2	7566.9
20°	2942.9	3581.1	4228.0	4844.1	5389.8	5881.9	6328.2	6738.3	7103.1	7420.7	7698.2
17.5°	3056.2	3710.2	4363.7	4975.6	5521.7	6016.1	6464.2	6875.7	7231.7	7540.3	7811.6
15°	3155.0	3823.0	4482.4	5090.7	5635.1	6127.6	6575.7	6982.7	7336.3	7642.3	7911.7
12.5°	3239.3	3919.2	4583.7	5189.0	5732.0	6223.0	6671.3	7072.6	7420.2	7722.3	7985.8
10°	3308.6	3998.3	4667.1	5270.0	5812.0	6301.8	6750.2	7147.0	7489.8	7788.7	8047.6
7.5°	3362.8	4060.2	4732.3	5333.4	5874.6	6363.6	6812.2	7205.5	7544.5	7841.0	8096.4
5°	3401.6	4104.6	4779.1	5378.9	5919.6	6407.9	6856.8	7247.6	7584.0	7878.8	8131.6
2.5°	3424.9	4131.3	4807.3	5406.3	5946.7	6434.7	6883.6	7272.9	7607.7	7901.6	8152.9
0°	3432.7	4140.2	4816.7	5415.4	5955.7	6443.6	6892.6	7281.4	7615.7	7909.2	8160.0
-2.5°	3424.9	4131.3	4807.3	5406.3	5946.7	6434.7	6883.6	7272.9	7607.7	7901.6	8152.9
-5°	3401.6	4104.6	4779.1	5378.9	5919.6	6407.9	6856.8	7247.6	7584.0	7878.8	8131.6
-7.5°	3362.8	4060.2	4732.3	5333.4	5874.6	6363.6	6812.2	7205.5	7544.5	7841.0	8096.4
-10°	3308.6	3998.3	4667.1	5270.0	5812.0	6301.8	6750.2	7147.0	7489.8	7788.7	8047.6
-12.5°	3239.3	3919.2	4583.7	5189.0	5732.0	6223.0	6671.3	7072.6	7420.2	7722.3	7985.8
-15°	3155.0	3823.0	4482.4	5090.7	5635.1	6127.6	6575.7	6982.7	7336.3	7642.3	7911.7
-17.5°	3056.2	3710.2	4363.7	4975.6	5521.7	6016.1	6464.2	6875.7	7231.7	7540.3	7811.6
-20°	2942.9	3581.1	4228.0	4844.1	5389.8	5881.9	6328.2	6738.3	7103.1	7420.7	7698.2



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 CATALOG NUMBER: GFLD-SA6C-722-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2815.8	3436.2	4072.9	4681.3	5229.4	5724.7	6174.4	6585.4	6960.1	7288.2	7566.9
-25°	2684.9	3280.7	3897.1	4497.7	5052.7	5551.8	6005.6	6415.4	6789.9	7121.1	7411.6
-27.5°	2552.3	3111.0	3705.2	4297.6	4860.3	5358.2	5808.0	6218.1	6594.8	6939.8	7238.7
-30°	2408.8	2927.4	3498.0	4079.1	4631.8	5134.2	5590.1	6006.7	6381.2	6723.9	7032.3
-32.5°	2254.7	2732.8	3280.7	3837.6	4381.6	4895.3	5352.0	5763.4	6140.8	6487.8	6802.5
-35°	2105.3	2552.3	3051.8	3581.1	4115.3	4619.7	5080.5	5501.0	5880.7	6222.4	6539.2
-37.5°	1971.0	2361.4	2810.0	3314.2	3823.0	4319.1	4792.5	5205.6	5587.7	5939.8	6249.7
-40°	1829.5	2160.6	2582.3	3038.8	3516.7	3998.3	4456.0	4888.0	5268.7	5616.8	5939.8
-42.5°	1684.2	1997.0	2353.5	2751.2	3204.5	3655.9	4104.6	4524.9	4919.1	5268.7	5587.7
-45°	1555.2	1827.7	2124.4	2493.1	2882.9	3304.8	3726.0	4140.2	4524.9	4888.0	5205.6
-47.5°	1421.1	1659.7	1933.5	2226.3	2577.5	2949.2	3338.4	3726.0	4104.6	4456.0	4792.5
-50°	1289.7	1508.0	1736.2	1997.5	2282.2	2605.8	2949.2	3304.8	3655.9	3998.3	4319.1
-52.5°	1176.4	1351.6	1560.5	1778.7	2019.0	2282.2	2577.5	2882.9	3204.5	3516.7	3823.0
-55°	1059.7	1217.4	1386.4	1578.1	1778.7	1997.5	2226.3	2493.1	2751.2	3038.8	3314.2
-57.5°	958.3	1087.0	1231.1	1386.4	1560.5	1736.2	1933.5	2124.4	2353.5	2582.3	2810.0
-60°	865.1	968.7	1087.0	1217.4	1351.6	1508.0	1659.7	1827.7	1997.0	2160.6	2361.4
-62.5°	771.9	865.1	958.3	1059.7	1176.4	1289.7	1421.1	1555.2	1684.2	1829.5	1971.0
-65°	686.4	762.9	844.5	927.5	1008.2	1108.5	1208.2	1304.4	1417.7	1529.7	1636.4
-67.5°	599.5	668.5	735.9	803.7	876.4	946.9	1015.1	1100.9	1183.9	1263.3	1344.4
-70°	507.7	572.1	632.7	691.3	748.2	805.6	866.1	924.4	980.4	1039.4	1106.3
-72.5°	414.0	470.5	525.6	579.3	629.4	677.6	724.3	769.1	815.6	862.3	906.7
-75°	324.2	368.2	415.0	461.1	505.9	549.2	590.8	629.2	666.0	701.2	734.6
-77.5°	237.4	274.1	310.0	344.8	379.2	415.3	450.2	483.7	515.8	546.4	575.6
-80°	159.6	179.8	208.0	235.9	263.0	289.2	314.5	338.8	362.1	385.4	408.7
-82.5°	99.1	114.3	129.1	143.4	157.4	170.9	185.3	203.6	221.0	237.6	253.4
-85°	44.8	48.6	58.3	67.9	77.2	86.2	94.9	103.2	111.2	118.8	126.1
-87.5°	22.4	24.3	26.1	27.9	29.6	31.2	32.8	34.4	35.8	37.2	38.6
-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: P645560 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-U-LAM-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°	39.8	41.0	42.1	43.1	44.0	44.9	45.7	46.3	46.9	47.4	47.9
85°	132.9	139.3	145.3	150.9	156.0	160.6	164.8	168.5	171.8	174.5	176.8
82.5°	268.4	282.4	295.5	307.7	318.9	329.0	338.2	346.3	353.4	359.4	364.4
80°	430.6	451.3	470.6	488.5	505.0	520.0	533.5	545.5	555.9	564.8	572.1
77.5°	602.3	627.0	650.1	671.5	691.2	709.2	725.4	739.7	752.2	762.9	771.6
75°	766.2	797.1	828.7	858.0	885.0	909.7	931.8	951.5	968.7	983.2	995.2
72.5°	948.7	988.3	1028.0	1073.2	1114.8	1152.8	1187.0	1217.4	1243.8	1266.4	1284.8
70°	1169.7	1229.4	1285.3	1342.4	1402.9	1458.2	1508.0	1552.2	1590.8	1623.7	1650.7
67.5°	1435.1	1520.5	1600.5	1675.0	1752.5	1827.7	1895.5	1955.7	2008.3	2053.0	2089.8
65°	1745.4	1859.9	1967.3	2067.2	2160.6	2269.6	2368.1	2455.7	2532.2	2597.3	2650.8
62.5°	2105.3	2254.7	2408.8	2552.3	2684.9	2815.8	2942.9	3056.2	3155.0	3239.3	3308.6
60°	2552.3	2732.8	2927.4	3111.0	3280.7	3436.2	3581.1	3710.2	3823.0	3919.2	3998.3
57.5°	3051.8	3280.7	3498.0	3705.2	3897.1	4072.9	4228.0	4363.7	4482.4	4583.7	4667.1
55°	3581.1	3837.6	4079.1	4297.6	4497.7	4681.3	4844.1	4975.6	5090.7	5189.0	5270.0
52.5°	4115.3	4381.6	4631.8	4860.3	5052.7	5229.4	5389.8	5521.7	5635.1	5732.0	5812.0
50°	4619.7	4895.3	5134.2	5358.2	5551.8	5724.7	5881.9	6016.1	6127.6	6223.0	6301.8
47.5°	5080.5	5352.0	5590.1	5808.0	6005.6	6174.4	6328.2	6464.2	6575.7	6671.3	6750.2
45°	5501.0	5763.4	6006.7	6218.1	6415.4	6585.4	6738.3	6875.7	6982.7	7072.6	7147.0
42.5°	5880.7	6140.8	6381.2	6594.8	6789.9	6960.1	7103.1	7231.7	7336.3	7420.2	7489.8
40°	6222.4	6487.8	6723.9	6939.8	7121.1	7288.2	7420.7	7540.3	7642.3	7722.3	7788.7
37.5°	6539.2	6802.5	7032.3	7238.7	7411.6	7566.9	7698.2	7811.6	7911.7	7985.8	8047.6
35°	6828.9	7079.0	7306.4	7495.6	7667.0	7813.2	7942.5	8047.1	8140.1	8210.8	8267.1
32.5°	7079.0	7327.1	7538.1	7724.4	7891.7	8028.2	8152.2	8248.0	8332.4	8400.4	8452.7
30°	7306.4	7538.1	7743.7	7928.3	8080.8	8213.7	8325.3	8418.8	8496.8	8561.7	8607.7
27.5°	7495.6	7724.4	7928.3	8098.4	8244.3	8372.3	8474.4	8564.5	8632.6	8692.3	8731.9
25°	7667.0	7891.7	8080.8	8244.3	8386.0	8502.8	8600.0	8681.7	8742.0	8793.1	8822.6
22.5°	7813.2	8028.2	8213.7	8372.3	8502.8	8612.0	8703.7	8772.7	8822.1	8853.1	8870.5
20°	7942.5	8152.2	8325.3	8474.4	8600.0	8703.7	8783.2	8834.2	8868.7	8877.2	8882.2
17.5°	8047.1	8248.0	8418.8	8564.5	8681.7	8772.7	8834.2	8870.3	8880.6	8878.8	8873.6
15°	8140.1	8332.4	8496.8	8632.6	8742.0	8822.1	8868.7	8880.6	8877.6	8867.1	8851.1
12.5°	8210.8	8400.4	8561.7	8692.3	8793.1	8853.1	8877.2	8878.8	8867.1	8847.3	8824.5
10°	8267.1	8452.7	8607.7	8731.9	8822.6	8870.5	8882.2	8873.6	8851.1	8824.5	8799.3
7.5°	8311.6	8494.2	8644.3	8763.5	8841.8	8875.9	8878.4	8862.3	8835.3	8805.1	8777.9
5°	8343.9	8524.3	8671.0	8786.5	8856.0	8879.9	8875.6	8853.5	8822.2	8790.6	8765.7
2.5°	8363.4	8542.6	8687.2	8800.6	8864.6	8882.3	8873.9	8848.0	8813.9	8781.3	8757.6
0°	8369.9	8548.7	8692.6	8805.3	8867.5	8883.1	8873.3	8846.1	8811.1	8778.1	8754.8
-2.5°	8363.4	8542.6	8687.2	8800.6	8864.6	8882.3	8873.9	8848.0	8813.9	8781.3	8757.6
-5°	8343.9	8524.3	8671.0	8786.5	8856.0	8879.9	8875.6	8853.5	8822.2	8790.6	8765.7
-7.5°	8311.6	8494.2	8644.3	8763.5	8841.8	8875.9	8878.4	8862.3	8835.3	8805.1	8777.9
-10°	8267.1	8452.7	8607.7	8731.9	8822.6	8870.5	8882.2	8873.6	8851.1	8824.5	8799.3
-12.5°	8210.8	8400.4	8561.7	8692.3	8793.1	8853.1	8877.2	8878.8	8867.1	8847.3	8824.5
-15°	8140.1	8332.4	8496.8	8632.6	8742.0	8822.1	8868.7	8880.6	8877.6	8867.1	8851.1
-17.5°	8047.1	8248.0	8418.8	8564.5	8681.7	8772.7	8834.2	8870.3	8880.6	8878.8	8873.6
-20°	7942.5	8152.2	8325.3	8474.4	8600.0	8703.7	8783.2	8834.2	8868.7	8877.2	8882.2



REPORT NUMBER: P645560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-722-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	7813.2	8028.2	8213.7	8372.3	8502.8	8612.0	8703.7	8772.7	8822.1	8853.1	8870.5
-25°	7667.0	7891.7	8080.8	8244.3	8386.0	8502.8	8600.0	8681.7	8742.0	8793.1	8822.6
-27.5°	7495.6	7724.4	7928.3	8098.4	8244.3	8372.3	8474.4	8564.5	8632.6	8692.3	8731.9
-30°	7306.4	7538.1	7743.7	7928.3	8080.8	8213.7	8325.3	8418.8	8496.8	8561.7	8607.7
-32.5°	7079.0	7327.1	7538.1	7724.4	7891.7	8028.2	8152.2	8248.0	8332.4	8400.4	8452.7
-35°	6828.9	7079.0	7306.4	7495.6	7667.0	7813.2	7942.5	8047.1	8140.1	8210.8	8267.1
-37.5°	6539.2	6802.5	7032.3	7238.7	7411.6	7566.9	7698.2	7811.6	7911.7	7985.8	8047.6
-40°	6222.4	6487.8	6723.9	6939.8	7121.1	7288.2	7420.7	7540.3	7642.3	7722.3	7788.7
-42.5°	5880.7	6140.8	6381.2	6594.8	6789.9	6960.1	7103.1	7231.7	7336.3	7420.2	7489.8
-45°	5501.0	5763.4	6006.7	6218.1	6415.4	6585.4	6738.3	6875.7	6982.7	7072.6	7147.0
-47.5°	5080.5	5352.0	5590.1	5808.0	6005.6	6174.4	6328.2	6464.2	6575.7	6671.3	6750.2
-50°	4619.7	4895.3	5134.2	5358.2	5551.8	5724.7	5881.9	6016.1	6127.6	6223.0	6301.8
-52.5°	4115.3	4381.6	4631.8	4860.3	5052.7	5229.4	5389.8	5521.7	5635.1	5732.0	5812.0
-55°	3581.1	3837.6	4079.1	4297.6	4497.7	4681.3	4844.1	4975.6	5090.7	5189.0	5270.0
-57.5°	3051.8	3280.7	3498.0	3705.2	3897.1	4072.9	4228.0	4363.7	4482.4	4583.7	4667.1
-60°	2552.3	2732.8	2927.4	3111.0	3280.7	3436.2	3581.1	3710.2	3823.0	3919.2	3998.3
-62.5°	2105.3	2254.7	2408.8	2552.3	2684.9	2815.8	2942.9	3056.2	3155.0	3239.3	3308.6
-65°	1745.4	1859.9	1967.3	2067.2	2160.6	2269.6	2368.1	2455.7	2532.2	2597.3	2650.8
-67.5°	1435.1	1520.5	1600.5	1675.0	1752.5	1827.7	1895.5	1955.7	2008.3	2053.0	2089.8
-70°	1169.7	1229.4	1285.3	1342.4	1402.9	1458.2	1508.0	1552.2	1590.8	1623.7	1650.7
-72.5°	948.7	988.3	1028.0	1073.2	1114.8	1152.8	1187.0	1217.4	1243.8	1266.4	1284.8
-75°	766.2	797.1	828.7	858.0	885.0	909.7	931.8	951.5	968.7	983.2	995.2
-77.5°	602.3	627.0	650.1	671.5	691.2	709.2	725.4	739.7	752.2	762.9	771.6
-80°	430.6	451.3	470.6	488.5	505.0	520.0	533.5	545.5	555.9	564.8	572.1
-82.5°	268.4	282.4	295.5	307.7	318.9	329.0	338.2	346.3	353.4	359.4	364.4
-85°	132.9	139.3	145.3	150.9	156.0	160.6	164.8	168.5	171.8	174.5	176.8
-87.5°	39.8	41.0	42.1	43.1	44.0	44.9	45.7	46.3	46.9	47.4	47.9
-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: P645560 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-U-LAM-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°	48.2	48.4	48.6	48.6	48.6	48.4	48.2	47.9	47.4	46.9	46.3
85°	178.5	179.8	180.5	180.8	180.5	179.8	178.5	176.8	174.5	171.8	168.5
82.5°	368.2	371.0	372.6	373.2	372.6	371.0	368.2	364.4	359.4	353.4	346.3
80°	577.8	581.8	584.3	585.1	584.3	581.8	577.8	572.1	564.8	555.9	545.5
77.5°	778.4	783.3	786.2	787.2	786.2	783.3	778.4	771.6	762.9	752.2	739.7
75°	1004.6	1011.2	1015.3	1016.6	1015.3	1011.2	1004.6	995.2	983.2	968.7	951.5
72.5°	1299.3	1309.6	1315.8	1317.9	1315.8	1309.6	1299.3	1284.8	1266.4	1243.8	1217.4
70°	1671.7	1686.8	1695.9	1698.9	1695.9	1686.8	1671.7	1650.7	1623.7	1590.8	1552.2
67.5°	2118.5	2139.1	2151.5	2155.6	2151.5	2139.1	2118.5	2089.8	2053.0	2008.3	1955.7
65°	2692.6	2722.6	2740.6	2746.6	2740.6	2722.6	2692.6	2650.8	2597.3	2532.2	2455.7
62.5°	3362.8	3401.6	3424.9	3432.7	3424.9	3401.6	3362.8	3308.6	3239.3	3155.0	3056.2
60°	4060.2	4104.6	4131.3	4140.2	4131.3	4104.6	4060.2	3998.3	3919.2	3823.0	3710.2
57.5°	4732.3	4779.1	4807.3	4816.7	4807.3	4779.1	4732.3	4667.1	4583.7	4482.4	4363.7
55°	5333.4	5378.9	5406.3	5415.4	5406.3	5378.9	5333.4	5270.0	5189.0	5090.7	4975.6
52.5°	5874.6	5919.6	5946.7	5955.7	5946.7	5919.6	5874.6	5812.0	5732.0	5635.1	5521.7
50°	6363.6	6407.9	6434.7	6443.6	6434.7	6407.9	6363.6	6301.8	6223.0	6127.6	6016.1
47.5°	6812.2	6856.8	6883.6	6892.6	6883.6	6856.8	6812.2	6750.2	6671.3	6575.7	6464.2
45°	7205.5	7247.6	7272.9	7281.4	7272.9	7247.6	7205.5	7147.0	7072.6	6982.7	6875.7
42.5°	7544.5	7584.0	7607.7	7615.7	7607.7	7584.0	7544.5	7489.8	7420.2	7336.3	7231.7
40°	7841.0	7878.8	7901.6	7909.2	7901.6	7878.8	7841.0	7788.7	7722.3	7642.3	7540.3
37.5°	8096.4	8131.6	8152.9	8160.0	8152.9	8131.6	8096.4	8047.6	7985.8	7911.7	7811.6
35°	8311.6	8343.9	8363.4	8369.9	8363.4	8343.9	8311.6	8267.1	8210.8	8140.1	8047.1
32.5°	8494.2	8524.3	8542.6	8548.7	8542.6	8524.3	8494.2	8452.7	8400.4	8332.4	8248.0
30°	8644.3	8671.0	8687.2	8692.6	8687.2	8671.0	8644.3	8607.7	8561.7	8496.8	8418.8
27.5°	8763.5	8786.5	8800.6	8805.3	8800.6	8786.5	8763.5	8731.9	8692.3	8632.6	8564.5
25°	8841.8	8856.0	8864.6	8867.5	8864.6	8856.0	8841.8	8822.6	8793.1	8742.0	8681.7
22.5°	8875.9	8879.9	8882.3	8883.1	8882.3	8879.9	8875.9	8870.5	8853.1	8822.1	8772.7
20°	8878.4	8875.6	8873.9	8873.3	8873.9	8875.6	8878.4	8882.2	8877.2	8868.7	8834.2
17.5°	8862.3	8853.5	8848.0	8846.1	8848.0	8853.5	8862.3	8873.6	8878.8	8880.6	8870.3
15°	8835.3	8822.2	8813.9	8811.1	8813.9	8822.2	8835.3	8851.1	8867.1	8877.6	8880.6
12.5°	8805.1	8790.6	8781.3	8778.1	8781.3	8790.6	8805.1	8824.5	8847.3	8867.1	8878.8
10°	8777.9	8765.7	8757.6	8754.8	8757.6	8765.7	8777.9	8799.3	8824.5	8851.1	8873.6
7.5°	8760.3	8749.4	8743.4	8741.2	8743.4	8749.4	8760.3	8777.9	8805.1	8835.3	8862.3
5°	8749.4	8738.5	8729.3	8725.6	8729.3	8738.5	8749.4	8765.7	8790.6	8822.2	8853.5
2.5°	8743.4	8729.3	8715.3	8708.1	8715.3	8729.3	8743.4	8757.6	8781.3	8813.9	8848.0
0°	8741.2	8725.6	8708.1	8710.1	8708.1	8725.6	8741.2	8754.8	8778.1	8811.1	8846.1
-2.5°	8743.4	8729.3	8715.3	8708.1	8715.3	8729.3	8743.4	8757.6	8781.3	8813.9	8848.0
-5°	8749.4	8738.5	8729.3	8725.6	8729.3	8738.5	8749.4	8765.7	8790.6	8822.2	8853.5
-7.5°	8760.3	8749.4	8743.4	8741.2	8743.4	8749.4	8760.3	8777.9	8805.1	8835.3	8862.3
-10°	8777.9	8765.7	8757.6	8754.8	8757.6	8765.7	8777.9	8799.3	8824.5	8851.1	8873.6
-12.5°	8805.1	8790.6	8781.3	8778.1	8781.3	8790.6	8805.1	8824.5	8847.3	8867.1	8878.8
-15°	8835.3	8822.2	8813.9	8811.1	8813.9	8822.2	8835.3	8851.1	8867.1	8877.6	8880.6
-17.5°	8862.3	8853.5	8848.0	8846.1	8848.0	8853.5	8862.3	8873.6	8878.8	8880.6	8870.3
-20°	8878.4	8875.6	8873.9	8873.3	8873.9	8875.6	8878.4	8882.2	8877.2	8868.7	8834.2

Classified

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

Scaled Data Report



REPORT NUMBER: P645560 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8875.9	8879.9	8882.3	8883.1	8882.3	8879.9	8875.9	8870.5	8853.1	8822.1	8772.7
-25°	8841.8	8856.0	8864.6	8867.5	8864.6	8856.0	8841.8	8822.6	8793.1	8742.0	8681.7
-27.5°	8763.5	8786.5	8800.6	8805.3	8800.6	8786.5	8763.5	8731.9	8692.3	8632.6	8564.5
-30°	8644.3	8671.0	8687.2	8692.6	8687.2	8671.0	8644.3	8607.7	8561.7	8496.8	8418.8
-32.5°	8494.2	8524.3	8542.6	8548.7	8542.6	8524.3	8494.2	8452.7	8400.4	8332.4	8248.0
-35°	8311.6	8343.9	8363.4	8369.9	8363.4	8343.9	8311.6	8267.1	8210.8	8140.1	8047.1
-37.5°	8096.4	8131.6	8152.9	8160.0	8152.9	8131.6	8096.4	8047.6	7985.8	7911.7	7811.6
-40°	7841.0	7878.8	7901.6	7909.2	7901.6	7878.8	7841.0	7788.7	7722.3	7642.3	7540.3
-42.5°	7544.5	7584.0	7607.7	7615.7	7607.7	7584.0	7544.5	7489.8	7420.2	7336.3	7231.7
-45°	7205.5	7247.6	7272.9	7281.4	7272.9	7247.6	7205.5	7147.0	7072.6	6982.7	6875.7
-47.5°	6812.2	6856.8	6883.6	6892.6	6883.6	6856.8	6812.2	6750.2	6671.3	6575.7	6464.2
-50°	6363.6	6407.9	6434.7	6443.6	6434.7	6407.9	6363.6	6301.8	6223.0	6127.6	6016.1
-52.5°	5874.6	5919.6	5946.7	5955.7	5946.7	5919.6	5874.6	5812.0	5732.0	5635.1	5521.7
-55°	5333.4	5378.9	5406.3	5415.4	5406.3	5378.9	5333.4	5270.0	5189.0	5090.7	4975.6
-57.5°	4732.3	4779.1	4807.3	4816.7	4807.3	4779.1	4732.3	4667.1	4583.7	4482.4	4363.7
-60°	4060.2	4104.6	4131.3	4140.2	4131.3	4104.6	4060.2	3998.3	3919.2	3823.0	3710.2
-62.5°	3362.8	3401.6	3424.9	3432.7	3424.9	3401.6	3362.8	3308.6	3239.3	3155.0	3056.2
-65°	2692.6	2722.6	2740.6	2746.6	2740.6	2722.6	2692.6	2650.8	2597.3	2532.2	2455.7
-67.5°	2118.5	2139.1	2151.5	2155.6	2151.5	2139.1	2118.5	2089.8	2053.0	2008.3	1955.7
-70°	1671.7	1686.8	1695.9	1698.9	1695.9	1686.8	1671.7	1650.7	1623.7	1590.8	1552.2
-72.5°	1299.3	1309.6	1315.8	1317.9	1315.8	1309.6	1299.3	1284.8	1266.4	1243.8	1217.4
-75°	1004.6	1011.2	1015.3	1016.6	1015.3	1011.2	1004.6	995.2	983.2	968.7	951.5
-77.5°	778.4	783.3	786.2	787.2	786.2	783.3	778.4	771.6	762.9	752.2	739.7
-80°	577.8	581.8	584.3	585.1	584.3	581.8	577.8	572.1	564.8	555.9	545.5
-82.5°	368.2	371.0	372.6	373.2	372.6	371.0	368.2	364.4	359.4	353.4	346.3
-85°	178.5	179.8	180.5	180.8	180.5	179.8	178.5	176.8	174.5	171.8	168.5
-87.5°	48.2	48.4	48.6	48.6	48.6	48.4	48.2	47.9	47.4	46.9	46.3
-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: P645560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-722-U-LAM-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°	45.7	44.9	44.0	43.1	42.1	41.0	39.8	38.6	37.2	35.8	34.4
85°	164.8	160.6	156.0	150.9	145.3	139.3	132.9	126.1	118.8	111.2	103.2
82.5°	338.2	329.0	318.9	307.7	295.5	282.4	268.4	253.4	237.6	221.0	203.6
80°	533.5	520.0	505.0	488.5	470.6	451.3	430.6	408.7	385.4	362.1	338.8
77.5°	725.4	709.2	691.2	671.5	650.1	627.0	602.3	575.6	546.4	515.8	483.7
75°	931.8	909.7	885.0	858.0	828.7	797.1	766.2	734.6	701.2	666.0	629.2
72.5°	1187.0	1152.8	1114.8	1073.2	1028.0	988.3	948.7	906.7	862.3	815.6	769.1
70°	1508.0	1458.2	1402.9	1342.4	1285.3	1229.4	1169.7	1106.3	1039.4	980.4	924.4
67.5°	1895.5	1827.7	1752.5	1675.0	1600.5	1520.5	1435.1	1344.4	1263.3	1183.9	1100.9
65°	2368.1	2269.6	2160.6	2067.2	1967.3	1859.9	1745.4	1636.4	1529.7	1417.7	1304.4
62.5°	2942.9	2815.8	2684.9	2552.3	2408.8	2254.7	2105.3	1971.0	1829.5	1684.2	1555.2
60°	3581.1	3436.2	3280.7	3111.0	2927.4	2732.8	2552.3	2361.4	2160.6	1997.0	1827.7
57.5°	4228.0	4072.9	3897.1	3705.2	3498.0	3280.7	3051.8	2810.0	2582.3	2353.5	2124.4
55°	4844.1	4681.3	4497.7	4297.6	4079.1	3837.6	3581.1	3314.2	3038.8	2751.2	2493.1
52.5°	5389.8	5229.4	5052.7	4860.3	4631.8	4381.6	4115.3	3823.0	3516.7	3204.5	2882.9
50°	5881.9	5724.7	5551.8	5358.2	5134.2	4895.3	4619.7	4319.1	3998.3	3655.9	3304.8
47.5°	6328.2	6174.4	6005.6	5808.0	5590.1	5352.0	5080.5	4792.5	4456.0	4104.6	3726.0
45°	6738.3	6585.4	6415.4	6218.1	6006.7	5763.4	5501.0	5205.6	4888.0	4524.9	4140.2
42.5°	7103.1	6960.1	6789.9	6594.8	6381.2	6140.8	5880.7	5587.7	5268.7	4919.1	4524.9
40°	7420.7	7288.2	7121.1	6939.8	6723.9	6487.8	6222.4	5939.8	5616.8	5268.7	4888.0
37.5°	7698.2	7566.9	7411.6	7238.7	7032.3	6802.5	6539.2	6249.7	5939.8	5587.7	5205.6
35°	7942.5	7813.2	7667.0	7495.6	7306.4	7079.0	6828.9	6539.2	6222.4	5880.7	5501.0
32.5°	8152.2	8028.2	7891.7	7724.4	7538.1	7327.1	7079.0	6802.5	6487.8	6140.8	5763.4
30°	8325.3	8213.7	8080.8	7928.3	7743.7	7538.1	7306.4	7032.3	6723.9	6381.2	6006.7
27.5°	8474.4	8372.3	8244.3	8098.4	7928.3	7724.4	7495.6	7238.7	6939.8	6594.8	6218.1
25°	8600.0	8502.8	8386.0	8244.3	8080.8	7891.7	7667.0	7411.6	7121.1	6789.9	6415.4
22.5°	8703.7	8612.0	8502.8	8372.3	8213.7	8028.2	7813.2	7566.9	7288.2	6960.1	6585.4
20°	8783.2	8703.7	8600.0	8474.4	8325.3	8152.2	7942.5	7698.2	7420.7	7103.1	6738.3
17.5°	8834.2	8772.7	8681.7	8564.5	8418.8	8248.0	8047.1	7811.6	7540.3	7231.7	6875.7
15°	8868.7	8822.1	8742.0	8632.6	8496.8	8332.4	8140.1	7911.7	7642.3	7336.3	6982.7
12.5°	8877.2	8853.1	8793.1	8692.3	8561.7	8400.4	8210.8	7985.8	7722.3	7420.2	7072.6
10°	8882.2	8870.5	8822.6	8731.9	8607.7	8452.7	8267.1	8047.6	7788.7	7489.8	7147.0
7.5°	8878.4	8875.9	8841.8	8763.5	8644.3	8494.2	8311.6	8096.4	7841.0	7544.5	7205.5
5°	8875.6	8879.9	8856.0	8786.5	8671.0	8524.3	8343.9	8131.6	7878.8	7584.0	7247.6
2.5°	8873.9	8882.3	8864.6	8800.6	8687.2	8542.6	8363.4	8152.9	7901.6	7607.7	7272.9
0°	8873.3	8883.1	8867.5	8805.3	8692.6	8548.7	8369.9	8160.0	7909.2	7615.7	7281.4
-2.5°	8873.9	8882.3	8864.6	8800.6	8687.2	8542.6	8363.4	8152.9	7901.6	7607.7	7272.9
-5°	8875.6	8879.9	8856.0	8786.5	8671.0	8524.3	8343.9	8131.6	7878.8	7584.0	7247.6
-7.5°	8878.4	8875.9	8841.8	8763.5	8644.3	8494.2	8311.6	8096.4	7841.0	7544.5	7205.5
-10°	8882.2	8870.5	8822.6	8731.9	8607.7	8452.7	8267.1	8047.6	7788.7	7489.8	7147.0
-12.5°	8877.2	8853.1	8793.1	8692.3	8561.7	8400.4	8210.8	7985.8	7722.3	7420.2	7072.6
-15°	8868.7	8822.1	8742.0	8632.6	8496.8	8332.4	8140.1	7911.7	7642.3	7336.3	6982.7
-17.5°	8834.2	8772.7	8681.7	8564.5	8418.8	8248.0	8047.1	7811.6	7540.3	7231.7	6875.7
-20°	8783.2	8703.7	8600.0	8474.4	8325.3	8152.2	7942.5	7698.2	7420.7	7103.1	6738.3

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P645560 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8703.7	8612.0	8502.8	8372.3	8213.7	8028.2	7813.2	7566.9	7288.2	6960.1	6585.4
-25°	8600.0	8502.8	8386.0	8244.3	8080.8	7891.7	7667.0	7411.6	7121.1	6789.9	6415.4
-27.5°	8474.4	8372.3	8244.3	8098.4	7928.3	7724.4	7495.6	7238.7	6939.8	6594.8	6218.1
-30°	8325.3	8213.7	8080.8	7928.3	7743.7	7538.1	7306.4	7032.3	6723.9	6381.2	6006.7
-32.5°	8152.2	8028.2	7891.7	7724.4	7538.1	7327.1	7079.0	6802.5	6487.8	6140.8	5763.4
-35°	7942.5	7813.2	7667.0	7495.6	7306.4	7079.0	6828.9	6539.2	6222.4	5880.7	5501.0
-37.5°	7698.2	7566.9	7411.6	7238.7	7032.3	6802.5	6539.2	6249.7	5939.8	5587.7	5205.6
-40°	7420.7	7288.2	7121.1	6939.8	6723.9	6487.8	6222.4	5939.8	5616.8	5268.7	4888.0
-42.5°	7103.1	6960.1	6789.9	6594.8	6381.2	6140.8	5880.7	5587.7	5268.7	4919.1	4524.9
-45°	6738.3	6585.4	6415.4	6218.1	6006.7	5763.4	5501.0	5205.6	4888.0	4524.9	4140.2
-47.5°	6328.2	6174.4	6005.6	5808.0	5590.1	5352.0	5080.5	4792.5	4456.0	4104.6	3726.0
-50°	5881.9	5724.7	5551.8	5358.2	5134.2	4895.3	4619.7	4319.1	3998.3	3655.9	3304.8
-52.5°	5389.8	5229.4	5052.7	4860.3	4631.8	4381.6	4115.3	3823.0	3516.7	3204.5	2882.9
-55°	4844.1	4681.3	4497.7	4297.6	4079.1	3837.6	3581.1	3314.2	3038.8	2751.2	2493.1
-57.5°	4228.0	4072.9	3897.1	3705.2	3498.0	3280.7	3051.8	2810.0	2582.3	2353.5	2124.4
-60°	3581.1	3436.2	3280.7	3111.0	2927.4	2732.8	2552.3	2361.4	2160.6	1997.0	1827.7
-62.5°	2942.9	2815.8	2684.9	2552.3	2408.8	2254.7	2105.3	1971.0	1829.5	1684.2	1555.2
-65°	2368.1	2269.6	2160.6	2067.2	1967.3	1859.9	1745.4	1636.4	1529.7	1417.7	1304.4
-67.5°	1895.5	1827.7	1752.5	1675.0	1600.5	1520.5	1435.1	1344.4	1263.3	1183.9	1100.9
-70°	1508.0	1458.2	1402.9	1342.4	1285.3	1229.4	1169.7	1106.3	1039.4	980.4	924.4
-72.5°	1187.0	1152.8	1114.8	1073.2	1028.0	988.3	948.7	906.7	862.3	815.6	769.1
-75°	931.8	909.7	885.0	858.0	828.7	797.1	766.2	734.6	701.2	666.0	629.2
-77.5°	725.4	709.2	691.2	671.5	650.1	627.0	602.3	575.6	546.4	515.8	483.7
-80°	533.5	520.0	505.0	488.5	470.6	451.3	430.6	408.7	385.4	362.1	338.8
-82.5°	338.2	329.0	318.9	307.7	295.5	282.4	268.4	253.4	237.6	221.0	203.6
-85°	164.8	160.6	156.0	150.9	145.3	139.3	132.9	126.1	118.8	111.2	103.2
-87.5°	45.7	44.9	44.0	43.1	42.1	41.0	39.8	38.6	37.2	35.8	34.4
-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: P645560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-722-U-LAM-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°	32.8	31.2	29.6	27.9	26.1	24.3	22.4	20.5	18.6	16.6	14.6
85°	94.9	86.2	77.2	67.9	58.3	48.6	44.8	41.0	37.2	33.2	29.2
82.5°	185.3	170.9	157.4	143.4	129.1	114.3	99.1	83.6	67.8	51.7	43.7
80°	314.5	289.2	263.0	235.9	208.0	179.8	159.6	138.9	117.9	96.4	74.7
77.5°	450.2	415.3	379.2	344.8	310.0	274.1	237.4	199.9	167.6	140.9	113.7
75°	590.8	549.2	505.9	461.1	415.0	368.2	324.2	279.3	233.5	186.8	152.4
72.5°	724.3	677.6	629.4	579.3	525.6	470.5	414.0	357.9	304.5	250.3	195.3
70°	866.1	805.6	748.2	691.3	632.7	572.1	507.7	441.9	375.0	313.0	250.3
67.5°	1015.1	946.9	876.4	803.7	735.9	668.5	599.5	526.4	451.3	375.0	304.5
65°	1208.2	1108.5	1008.2	927.5	844.5	762.9	686.4	608.4	526.4	441.9	357.9
62.5°	1421.1	1289.7	1176.4	1059.7	958.3	865.1	771.9	686.4	599.5	507.7	414.0
60°	1659.7	1508.0	1351.6	1217.4	1087.0	968.7	865.1	762.9	668.5	572.1	470.5
57.5°	1933.5	1736.2	1560.5	1386.4	1231.1	1087.0	958.3	844.5	735.9	632.7	525.6
55°	2226.3	1997.5	1778.7	1578.1	1386.4	1217.4	1059.7	927.5	803.7	691.3	579.3
52.5°	2577.5	2282.2	2019.0	1778.7	1560.5	1351.6	1176.4	1008.2	876.4	748.2	629.4
50°	2949.2	2605.8	2282.2	1997.5	1736.2	1508.0	1289.7	1108.5	946.9	805.6	677.6
47.5°	3338.4	2949.2	2577.5	2226.3	1933.5	1659.7	1421.1	1208.2	1015.1	866.1	724.3
45°	3726.0	3304.8	2882.9	2493.1	2124.4	1827.7	1555.2	1304.4	1100.9	924.4	769.1
42.5°	4104.6	3655.9	3204.5	2751.2	2353.5	1997.0	1684.2	1417.7	1183.9	980.4	815.6
40°	4456.0	3998.3	3516.7	3038.8	2582.3	2160.6	1829.5	1529.7	1263.3	1039.4	862.3
37.5°	4792.5	4319.1	3823.0	3314.2	2810.0	2361.4	1971.0	1636.4	1344.4	1106.3	906.7
35°	5080.5	4619.7	4115.3	3581.1	3051.8	2552.3	2105.3	1745.4	1435.1	1169.7	948.7
32.5°	5352.0	4895.3	4381.6	3837.6	3280.7	2732.8	2254.7	1859.9	1520.5	1229.4	988.3
30°	5590.1	5134.2	4631.8	4079.1	3498.0	2927.4	2408.8	1967.3	1600.5	1285.3	1028.0
27.5°	5808.0	5358.2	4860.3	4297.6	3705.2	3111.0	2552.3	2067.2	1675.0	1342.4	1073.2
25°	6005.6	5551.8	5052.7	4497.7	3897.1	3280.7	2684.9	2160.6	1752.5	1402.9	1114.8
22.5°	6174.4	5724.7	5229.4	4681.3	4072.9	3436.2	2815.8	2269.6	1827.7	1458.2	1152.8
20°	6328.2	5881.9	5389.8	4844.1	4228.0	3581.1	2942.9	2368.1	1895.5	1508.0	1187.0
17.5°	6464.2	6016.1	5521.7	4975.6	4363.7	3710.2	3056.2	2455.7	1955.7	1552.2	1217.4
15°	6575.7	6127.6	5635.1	5090.7	4482.4	3823.0	3155.0	2532.2	2008.3	1590.8	1243.8
12.5°	6671.3	6223.0	5732.0	5189.0	4583.7	3919.2	3239.3	2597.3	2053.0	1623.7	1266.4
10°	6750.2	6301.8	5812.0	5270.0	4667.1	3998.3	3308.6	2650.8	2089.8	1650.7	1284.8
7.5°	6812.2	6363.6	5874.6	5333.4	4732.3	4060.2	3362.8	2692.6	2118.5	1671.7	1299.3
5°	6856.8	6407.9	5919.6	5378.9	4779.1	4104.6	3401.6	2722.6	2139.1	1686.8	1309.6
2.5°	6883.6	6434.7	5946.7	5406.3	4807.3	4131.3	3424.9	2740.6	2151.5	1695.9	1315.8
0°	6892.6	6443.6	5955.7	5415.4	4816.7	4140.2	3432.7	2746.6	2155.6	1698.9	1317.9
-2.5°	6883.6	6434.7	5946.7	5406.3	4807.3	4131.3	3424.9	2740.6	2151.5	1695.9	1315.8
-5°	6856.8	6407.9	5919.6	5378.9	4779.1	4104.6	3401.6	2722.6	2139.1	1686.8	1309.6
-7.5°	6812.2	6363.6	5874.6	5333.4	4732.3	4060.2	3362.8	2692.6	2118.5	1671.7	1299.3
-10°	6750.2	6301.8	5812.0	5270.0	4667.1	3998.3	3308.6	2650.8	2089.8	1650.7	1284.8
-12.5°	6671.3	6223.0	5732.0	5189.0	4583.7	3919.2	3239.3	2597.3	2053.0	1623.7	1266.4
-15°	6575.7	6127.6	5635.1	5090.7	4482.4	3823.0	3155.0	2532.2	2008.3	1590.8	1243.8
-17.5°	6464.2	6016.1	5521.7	4975.6	4363.7	3710.2	3056.2	2455.7	1955.7	1552.2	1217.4
-20°	6328.2	5881.9	5389.8	4844.1	4228.0	3581.1	2942.9	2368.1	1895.5	1508.0	1187.0



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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°	6174.4	5724.7	5229.4	4681.3	4072.9	3436.2	2815.8	2269.6	1827.7	1458.2	1152.8
-25°	6005.6	5551.8	5052.7	4497.7	3897.1	3280.7	2684.9	2160.6	1752.5	1402.9	1114.8
-27.5°	5808.0	5358.2	4860.3	4297.6	3705.2	3111.0	2552.3	2067.2	1675.0	1342.4	1073.2
-30°	5590.1	5134.2	4631.8	4079.1	3498.0	2927.4	2408.8	1967.3	1600.5	1285.3	1028.0
-32.5°	5352.0	4895.3	4381.6	3837.6	3280.7	2732.8	2254.7	1859.9	1520.5	1229.4	988.3
-35°	5080.5	4619.7	4115.3	3581.1	3051.8	2552.3	2105.3	1745.4	1435.1	1169.7	948.7
-37.5°	4792.5	4319.1	3823.0	3314.2	2810.0	2361.4	1971.0	1636.4	1344.4	1106.3	906.7
-40°	4456.0	3998.3	3516.7	3038.8	2582.3	2160.6	1829.5	1529.7	1263.3	1039.4	862.3
-42.5°	4104.6	3655.9	3204.5	2751.2	2353.5	1997.0	1684.2	1417.7	1183.9	980.4	815.6
-45°	3726.0	3304.8	2882.9	2493.1	2124.4	1827.7	1555.2	1304.4	1100.9	924.4	769.1
-47.5°	3338.4	2949.2	2577.5	2226.3	1933.5	1659.7	1421.1	1208.2	1015.1	866.1	724.3
-50°	2949.2	2605.8	2282.2	1997.5	1736.2	1508.0	1289.7	1108.5	946.9	805.6	677.6
-52.5°	2577.5	2282.2	2019.0	1778.7	1560.5	1351.6	1176.4	1008.2	876.4	748.2	629.4
-55°	2226.3	1997.5	1778.7	1578.1	1386.4	1217.4	1059.7	927.5	803.7	691.3	579.3
-57.5°	1933.5	1736.2	1560.5	1386.4	1231.1	1087.0	958.3	844.5	735.9	632.7	525.6
-60°	1659.7	1508.0	1351.6	1217.4	1087.0	968.7	865.1	762.9	668.5	572.1	470.5
-62.5°	1421.1	1289.7	1176.4	1059.7	958.3	865.1	771.9	686.4	599.5	507.7	414.0
-65°	1208.2	1108.5	1008.2	927.5	844.5	762.9	686.4	608.4	526.4	441.9	357.9
-67.5°	1015.1	946.9	876.4	803.7	735.9	668.5	599.5	526.4	451.3	375.0	304.5
-70°	866.1	805.6	748.2	691.3	632.7	572.1	507.7	441.9	375.0	313.0	250.3
-72.5°	724.3	677.6	629.4	579.3	525.6	470.5	414.0	357.9	304.5	250.3	195.3
-75°	590.8	549.2	505.9	461.1	415.0	368.2	324.2	279.3	233.5	186.8	152.4
-77.5°	450.2	415.3	379.2	344.8	310.0	274.1	237.4	199.9	167.6	140.9	113.7
-80°	314.5	289.2	263.0	235.9	208.0	179.8	159.6	138.9	117.9	96.4	74.7
-82.5°	185.3	170.9	157.4	143.4	129.1	114.3	99.1	83.6	67.8	51.7	43.7
-85°	94.9	86.2	77.2	67.9	58.3	48.6	44.8	41.0	37.2	33.2	29.2
-87.5°	32.8	31.2	29.6	27.9	26.1	24.3	22.4	20.5	18.6	16.6	14.6
-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°	12.6	10.5	8.4	6.3	4.2	2.1	0.0
85°	25.1	21.0	16.9	12.7	8.5	4.2	0.0
82.5°	37.6	31.5	25.2	19.0	12.7	6.3	0.0
80°	52.6	41.9	33.6	25.2	16.9	8.4	0.0
77.5°	86.2	58.4	41.9	31.5	21.0	10.5	0.0
75°	119.5	86.2	52.6	37.6	25.1	12.6	0.0
72.5°	152.4	113.7	74.7	43.7	29.2	14.6	0.0
70°	186.8	140.9	96.4	51.7	33.2	16.6	0.0
67.5°	233.5	167.6	117.9	67.8	37.2	18.6	0.0
65°	279.3	199.9	138.9	83.6	41.0	20.5	0.0
62.5°	324.2	237.4	159.6	99.1	44.8	22.4	0.0
60°	368.2	274.1	179.8	114.3	48.6	24.3	0.0
57.5°	415.0	310.0	208.0	129.1	58.3	26.1	0.0
55°	461.1	344.8	235.9	143.4	67.9	27.9	0.0
52.5°	505.9	379.2	263.0	157.4	77.2	29.6	0.0
50°	549.2	415.3	289.2	170.9	86.2	31.2	0.0
47.5°	590.8	450.2	314.5	185.3	94.9	32.8	0.0
45°	629.2	483.7	338.8	203.6	103.2	34.4	0.0
42.5°	666.0	515.8	362.1	221.0	111.2	35.8	0.0
40°	701.2	546.4	385.4	237.6	118.8	37.2	0.0
37.5°	734.6	575.6	408.7	253.4	126.1	38.6	0.0
35°	766.2	602.3	430.6	268.4	132.9	39.8	0.0
32.5°	797.1	627.0	451.3	282.4	139.3	41.0	0.0
30°	828.7	650.1	470.6	295.5	145.3	42.1	0.0
27.5°	858.0	671.5	488.5	307.7	150.9	43.1	0.0
25°	885.0	691.2	505.0	318.9	156.0	44.0	0.0
22.5°	909.7	709.2	520.0	329.0	160.6	44.9	0.0
20°	931.8	725.4	533.5	338.2	164.8	45.7	0.0
17.5°	951.5	739.7	545.5	346.3	168.5	46.3	0.0
15°	968.7	752.2	555.9	353.4	171.8	46.9	0.0
12.5°	983.2	762.9	564.8	359.4	174.5	47.4	0.0
10°	995.2	771.6	572.1	364.4	176.8	47.9	0.0
7.5°	1004.6	778.4	577.8	368.2	178.5	48.2	0.0
5°	1011.2	783.3	581.8	371.0	179.8	48.4	0.0
2.5°	1015.3	786.2	584.3	372.6	180.5	48.6	0.0
0°	1016.6	787.2	585.1	373.2	180.8	48.6	0.0
-2.5°	1015.3	786.2	584.3	372.6	180.5	48.6	0.0
-5°	1011.2	783.3	581.8	371.0	179.8	48.4	0.0
-7.5°	1004.6	778.4	577.8	368.2	178.5	48.2	0.0
-10°	995.2	771.6	572.1	364.4	176.8	47.9	0.0
-12.5°	983.2	762.9	564.8	359.4	174.5	47.4	0.0
-15°	968.7	752.2	555.9	353.4	171.8	46.9	0.0
-17.5°	951.5	739.7	545.5	346.3	168.5	46.3	0.0
-20°	931.8	725.4	533.5	338.2	164.8	45.7	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	909.7	709.2	520.0	329.0	160.6	44.9	0.0
-25°	885.0	691.2	505.0	318.9	156.0	44.0	0.0
-27.5°	858.0	671.5	488.5	307.7	150.9	43.1	0.0
-30°	828.7	650.1	470.6	295.5	145.3	42.1	0.0
-32.5°	797.1	627.0	451.3	282.4	139.3	41.0	0.0
-35°	766.2	602.3	430.6	268.4	132.9	39.8	0.0
-37.5°	734.6	575.6	408.7	253.4	126.1	38.6	0.0
-40°	701.2	546.4	385.4	237.6	118.8	37.2	0.0
-42.5°	666.0	515.8	362.1	221.0	111.2	35.8	0.0
-45°	629.2	483.7	338.8	203.6	103.2	34.4	0.0
-47.5°	590.8	450.2	314.5	185.3	94.9	32.8	0.0
-50°	549.2	415.3	289.2	170.9	86.2	31.2	0.0
-52.5°	505.9	379.2	263.0	157.4	77.2	29.6	0.0
-55°	461.1	344.8	235.9	143.4	67.9	27.9	0.0
-57.5°	415.0	310.0	208.0	129.1	58.3	26.1	0.0
-60°	368.2	274.1	179.8	114.3	48.6	24.3	0.0
-62.5°	324.2	237.4	159.6	99.1	44.8	22.4	0.0
-65°	279.3	199.9	138.9	83.6	41.0	20.5	0.0
-67.5°	233.5	167.6	117.9	67.8	37.2	18.6	0.0
-70°	186.8	140.9	96.4	51.7	33.2	16.6	0.0
-72.5°	152.4	113.7	74.7	43.7	29.2	14.6	0.0
-75°	119.5	86.2	52.6	37.6	25.1	12.6	0.0
-77.5°	86.2	58.4	41.9	31.5	21.0	10.5	0.0
-80°	52.6	41.9	33.6	25.2	16.9	8.4	0.0
-82.5°	37.6	31.5	25.2	19.0	12.7	6.3	0.0
-85°	25.1	21.0	16.9	12.7	8.5	4.2	0.0
-87.5°	12.6	10.5	8.4	6.3	4.2	2.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)