

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: P645567 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA6C-740-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645567 (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-SA6C-740-U-LAM-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

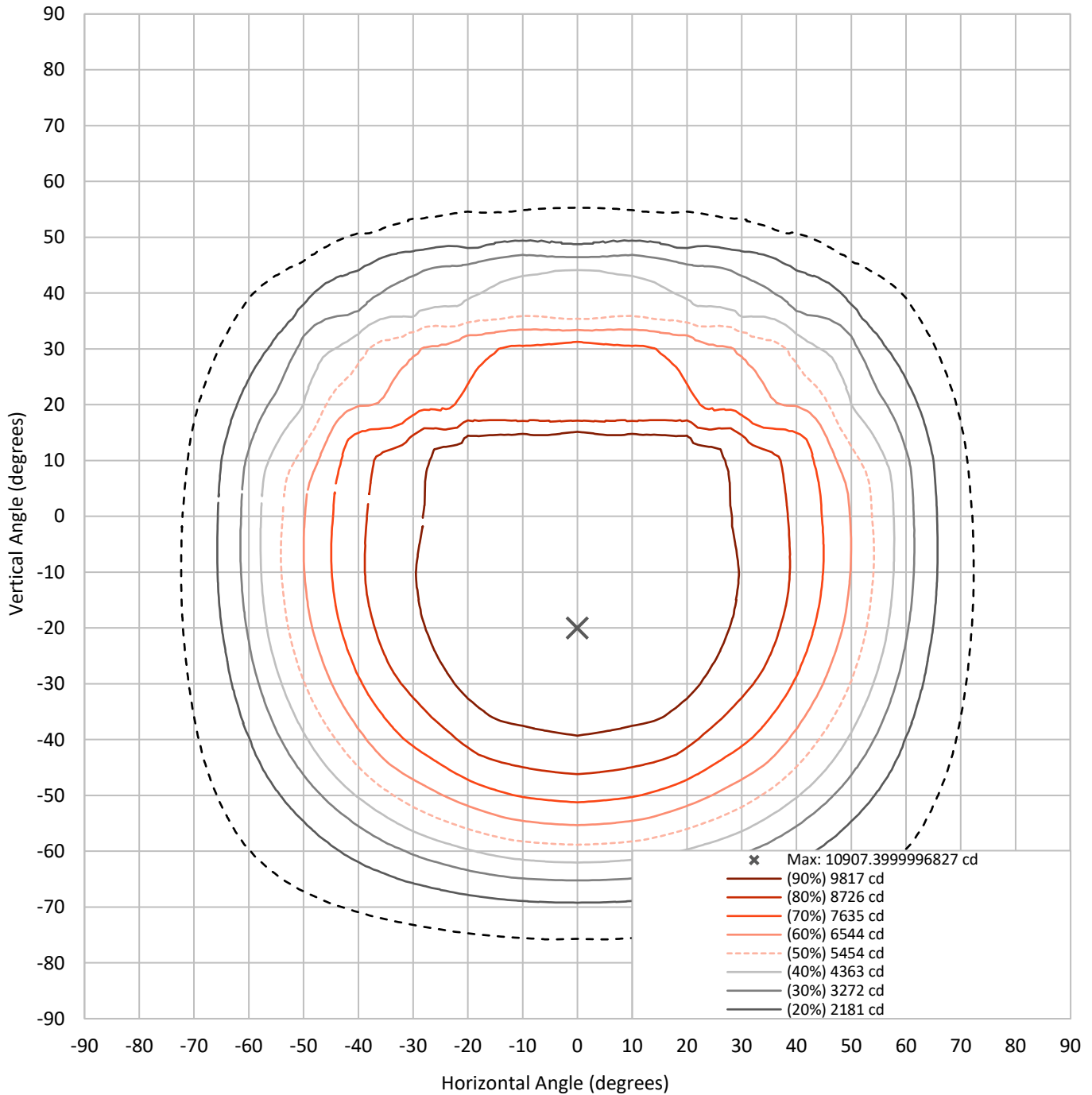
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	25575.7 lumens	Max Intensity:	10907.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	103.3 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:	19993.5 lumens	Field Lumens:	25067.8 lumens
Beam Efficiency:	78.2%	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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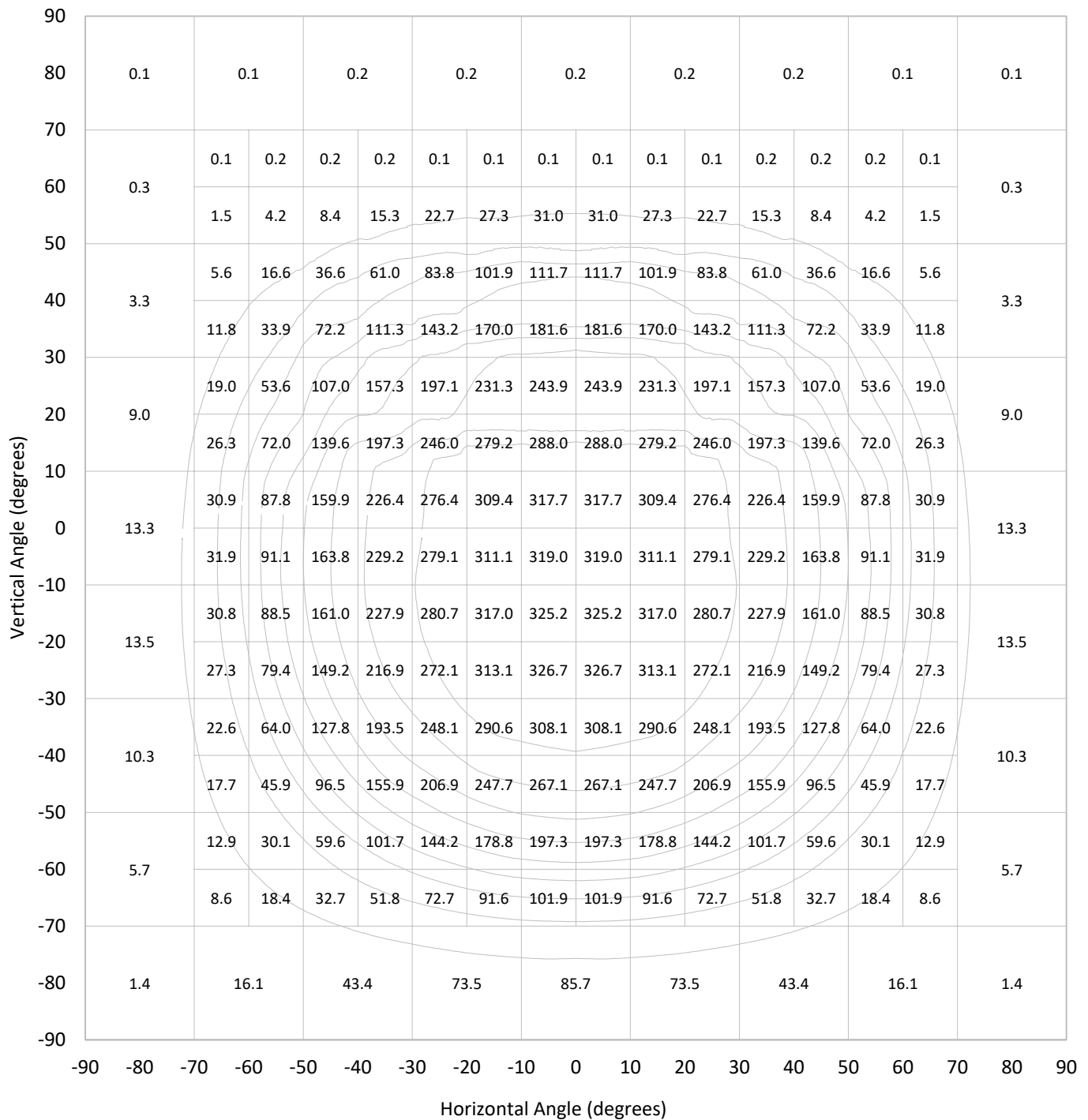
Iso-Candela Plot





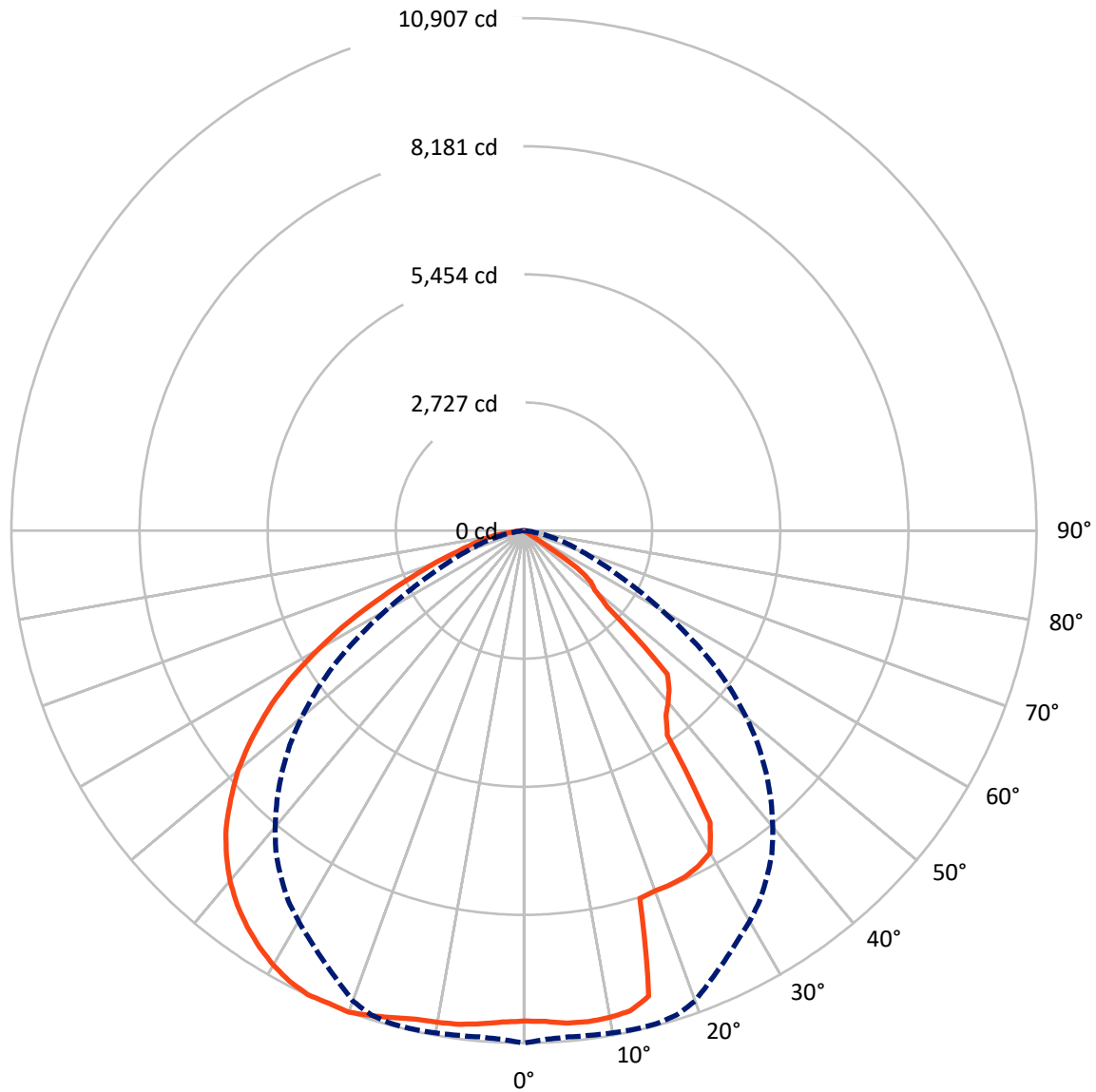
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Lumen Table



REPORT NUMBER: P645567 (CONVERTED FROM TYPE C PHOTOMETRY)
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Luminous Intensity Polar Plot

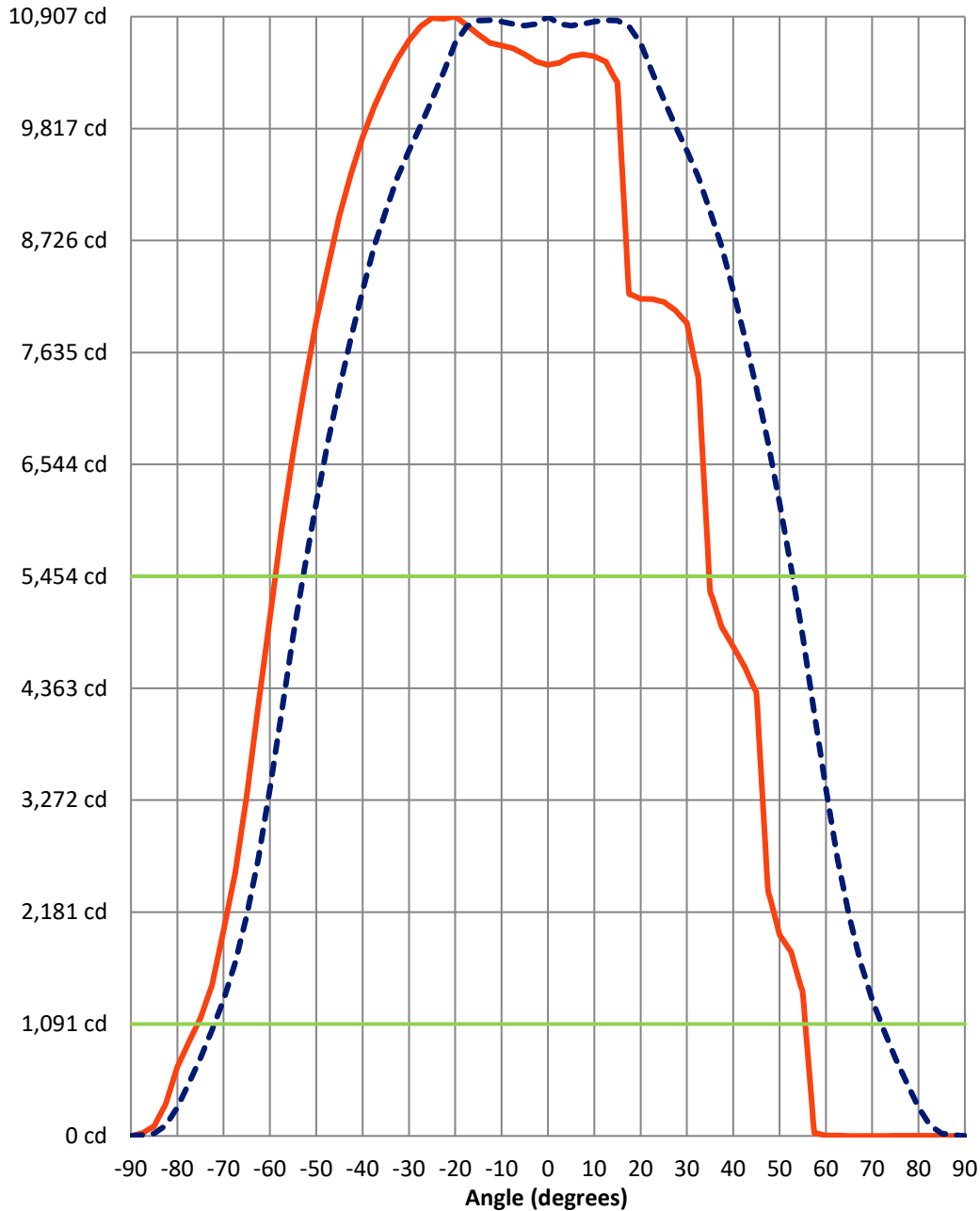


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through -20-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 19993.5
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 25067.8
 Efficiency: 98.0%

Spill:
 Lumens: 507.9
 Efficiency: 2.0%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through -20-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	0.3	0.4	0.6	0.8	1.0	1.2	1.2	1.2	1.1	1.0
85°	0.0	0.5	0.8	1.2	1.6	2.0	2.4	2.5	2.4	2.2	2.0
82.5°	0.0	0.8	1.2	1.8	2.4	3.0	3.6	3.7	3.5	2.9	2.3
80°	0.0	1.0	1.6	2.4	3.2	4.0	4.7	4.2	3.6	3.0	2.4
77.5°	0.0	1.3	2.1	3.0	4.0	4.7	4.7	4.2	3.6	3.0	2.4
75°	0.0	1.5	2.5	3.6	4.7	4.9	4.8	4.2	3.7	3.1	2.5
72.5°	0.0	1.8	2.9	4.2	4.9	5.0	4.8	4.3	3.7	3.1	2.5
70°	0.0	2.0	3.3	4.7	5.2	5.2	5.0	4.3	3.8	3.2	3.7
67.5°	0.0	2.3	3.7	5.0	5.4	5.4	5.5	4.4	3.9	5.2	5.3
65°	0.0	2.5	4.1	5.2	5.6	6.2	6.3	4.5	6.2	7.3	9.2
62.5°	0.0	2.8	4.6	5.4	5.9	7.7	7.3	6.3	8.6	12.8	20.3
60°	0.0	3.0	5.0	5.7	6.1	9.4	8.7	8.8	11.2	32.4	35.2
57.5°	0.0	3.2	5.3	5.9	7.9	11.2	16.0	12.4	31.7	55.0	63.9
55°	0.0	3.5	5.5	6.2	9.9	13.2	25.4	20.1	58.7	84.8	103.3
52.5°	0.0	3.7	5.8	6.4	11.9	17.0	36.5	51.0	88.2	133.1	149.9
50°	0.0	3.9	6.0	6.7	14.0	28.9	49.1	86.2	126.1	186.7	234.1
47.5°	0.0	4.2	6.3	7.3	16.3	41.8	66.1	123.1	181.7	245.9	320.2
45°	0.0	4.4	6.6	9.1	18.6	55.6	99.7	161.7	243.9	320.4	403.7
42.5°	0.0	4.6	6.9	10.8	21.0	70.2	134.1	210.6	307.2	393.1	500.1
40°	0.0	4.8	7.2	13.1	28.2	85.7	169.3	266.3	372.4	464.3	603.2
37.5°	0.0	5.0	7.5	15.9	40.4	102.1	205.1	322.0	440.7	549.9	710.9
35°	0.0	5.2	7.8	19.0	52.7	126.8	241.5	377.8	510.2	655.1	838.2
32.5°	0.0	5.4	8.1	22.4	65.2	155.5	281.0	433.3	580.6	760.8	993.1
30°	0.0	5.6	8.4	26.1	77.8	184.0	326.1	489.4	651.5	866.8	1141.6
27.5°	0.0	5.7	8.7	30.0	93.3	212.1	370.4	547.8	729.5	972.7	1283.6
25°	0.0	5.9	9.0	34.2	109.3	239.8	413.5	605.6	817.4	1088.3	1418.9
22.5°	0.0	6.1	9.3	38.5	125.1	268.1	455.5	662.5	903.7	1203.8	1556.0
20°	0.0	6.2	9.6	42.9	140.9	298.4	496.0	718.1	987.7	1312.9	1689.6
17.5°	0.0	6.3	9.9	47.4	156.4	327.7	536.1	772.2	1069.0	1415.2	1819.1
15°	0.0	6.5	10.1	52.0	171.5	355.9	574.6	822.5	1147.1	1510.6	1943.6
12.5°	0.0	6.6	10.4	56.5	186.0	382.8	610.6	867.3	1209.4	1599.0	2061.9
10°	0.0	6.7	10.7	61.0	200.0	408.2	644.0	908.5	1255.9	1652.0	2158.4
7.5°	0.0	6.8	10.9	65.3	213.2	431.9	674.7	946.1	1295.4	1693.1	2214.6
5°	0.0	6.9	11.2	69.4	225.5	453.8	702.7	980.0	1328.4	1726.2	2260.3
2.5°	0.0	6.9	11.4	73.3	236.7	473.6	727.7	1010.0	1355.2	1751.7	2295.3
0°	0.0	7.0	11.6	76.8	246.8	491.3	749.8	1036.2	1376.2	1769.8	2319.3
-2.5°	0.0	7.4	13.4	81.8	256.2	502.5	760.8	1051.5	1383.7	1792.6	2335.0
-5°	0.0	7.8	15.2	86.4	264.2	511.3	768.8	1062.7	1386.3	1807.4	2340.0
-7.5°	0.0	8.1	17.0	90.5	270.7	517.8	774.0	1069.6	1384.4	1813.5	2334.8
-10°	0.0	8.5	18.6	94.1	275.6	521.8	776.3	1072.3	1378.5	1809.9	2320.0
-12.5°	0.0	8.8	20.3	97.1	278.9	523.4	775.9	1070.5	1369.0	1795.3	2294.5
-15°	0.0	9.1	21.8	99.5	280.5	522.7	772.8	1064.2	1358.1	1766.8	2257.6
-17.5°	0.0	9.3	23.2	101.3	280.3	519.6	767.2	1051.4	1344.9	1731.2	2209.5
-20°	0.0	9.6	24.5	102.3	278.3	514.1	758.4	1033.1	1326.2	1688.9	2150.2

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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	9.8	25.6	102.6	274.4	506.2	745.7	1011.1	1301.7	1640.0	2079.8
-25°	0.0	9.9	26.7	102.1	268.5	494.0	730.1	985.5	1271.4	1584.9	1998.3
-27.5°	0.0	10.0	27.5	100.9	260.7	478.9	711.5	956.5	1235.4	1531.7	1926.0
-30°	0.0	10.1	28.3	98.8	250.9	461.6	690.1	924.2	1195.9	1486.6	1848.9
-32.5°	0.0	10.1	28.8	95.9	239.5	442.3	665.7	894.2	1154.1	1434.5	1766.4
-35°	0.0	10.1	29.2	92.2	226.8	421.0	639.4	862.7	1108.9	1375.5	1678.9
-37.5°	0.0	10.0	29.4	87.6	212.9	399.6	611.1	827.9	1060.5	1309.6	1592.5
-40°	0.0	9.9	29.4	82.1	197.6	380.1	580.6	789.8	1008.9	1247.3	1507.1
-42.5°	0.0	9.8	29.3	76.2	186.1	359.4	548.0	748.5	959.2	1181.5	1415.3
-45°	0.0	9.6	28.9	70.3	178.2	337.2	513.4	705.8	908.2	1111.3	1320.1
-47.5°	0.0	9.4	28.4	63.5	168.9	313.9	476.8	663.0	853.6	1037.6	1237.7
-50°	0.0	9.1	27.7	61.2	158.3	289.2	446.1	618.2	793.3	970.1	1151.4
-52.5°	0.0	8.8	26.8	60.0	146.2	263.4	415.5	571.3	735.6	900.5	1063.0
-55°	0.0	8.4	25.7	58.1	132.8	243.9	383.7	523.9	677.7	829.0	984.4
-57.5°	0.0	8.0	24.5	55.6	118.2	224.0	350.7	486.2	617.8	760.5	904.1
-60°	0.0	7.5	23.1	52.4	102.8	202.4	317.1	444.5	557.9	691.3	823.9
-62.5°	0.0	7.0	21.7	48.7	95.5	179.0	286.5	399.2	502.4	620.2	745.4
-65°	0.0	6.5	20.2	44.4	87.2	154.1	253.7	352.2	443.6	548.8	664.9
-67.5°	0.0	6.0	18.5	39.6	77.9	133.2	218.9	305.6	381.8	474.3	578.1
-70°	0.0	5.4	16.7	34.4	67.8	116.6	182.1	257.8	326.4	396.4	485.7
-72.5°	0.0	4.8	14.9	30.3	56.8	98.7	154.1	209.0	270.0	331.8	394.5
-75°	0.0	4.1	12.9	26.3	45.2	79.7	125.9	168.4	212.5	266.5	321.1
-77.5°	0.0	3.5	10.9	22.2	37.4	59.8	96.5	130.2	165.3	203.2	246.5
-80°	0.0	2.8	8.8	17.9	30.2	45.6	65.8	91.2	118.4	147.8	179.3
-82.5°	0.0	2.1	6.6	13.5	22.8	34.4	48.4	58.6	70.7	91.4	113.8
-85°	0.0	1.4	4.4	9.1	15.3	23.1	32.4	39.1	46.1	53.4	60.9
-87.5°	0.0	0.7	2.2	4.6	7.7	11.6	16.3	19.6	23.1	26.7	30.5
-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°	1.1	1.1	1.2	1.3	1.4	1.5	1.6	1.6	1.7	1.8	1.8
85°	2.1	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
82.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
80°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
77.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
75°	2.3	2.3	2.5	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3
72.5°	2.7	3.0	2.9	2.6	2.3	2.3	2.3	2.3	2.3	2.3	2.3
70°	3.7	3.8	3.3	2.7	2.3	2.4	2.7	2.6	2.3	2.3	2.3
67.5°	4.5	4.0	3.4	3.2	3.2	3.5	3.4	2.8	2.3	2.3	2.4
65°	4.6	4.1	5.8	6.6	4.9	4.2	3.6	3.0	3.2	3.3	3.4
62.5°	7.0	8.7	11.2	19.7	14.8	4.3	7.7	9.1	6.7	5.5	5.9
60°	22.8	15.5	45.9	65.8	41.1	15.0	18.3	60.8	52.7	9.7	32.9
57.5°	47.9	65.6	120.9	123.1	85.1	58.7	170.8	197.3	149.3	87.2	133.3
55°	105.3	161.8	200.4	185.5	202.6	306.8	364.6	327.5	275.7	424.1	541.8
52.5°	205.7	263.4	276.4	317.4	454.3	521.9	500.1	534.9	693.7	861.4	897.8
50°	303.6	350.8	387.6	560.4	667.5	674.2	724.0	881.3	1093.0	1195.7	1170.9
47.5°	398.3	447.2	618.4	784.4	832.5	898.4	1022.8	1326.4	1550.6	1555.0	1529.7
45°	498.4	628.9	847.4	955.7	1033.8	1161.3	1461.6	1880.4	1902.1	1962.9	2337.2
42.5°	605.5	834.1	1024.8	1137.4	1263.5	1501.4	1902.3	2177.0	2271.5	2537.9	2838.8
40°	779.0	1032.3	1198.9	1342.9	1505.0	1852.2	2291.2	2548.6	2625.4	2856.0	3082.2
37.5°	954.9	1197.9	1384.5	1558.2	1783.0	2251.6	2759.5	2971.8	3010.6	3052.8	3554.1
35°	1124.4	1367.7	1591.1	1818.4	2094.0	2768.6	3212.5	3412.1	3406.0	3690.6	4215.5
32.5°	1282.8	1541.2	1804.9	2108.9	2563.7	3254.8	3698.9	3818.5	3999.7	4413.9	5130.3
30°	1441.1	1734.8	2037.6	2399.7	2975.9	3574.9	4081.9	4274.2	4584.9	5057.5	5579.0
27.5°	1604.1	1933.3	2299.4	2723.8	3301.2	3851.9	4284.9	4744.4	5046.2	5469.7	5840.7
25°	1766.4	2143.4	2558.0	3007.1	3533.8	4047.0	4494.9	5025.5	5349.5	5691.0	6037.1
22.5°	1936.6	2356.5	2824.6	3231.6	3729.9	4212.8	4746.1	5321.6	5742.9	5959.9	6192.2
20°	2114.5	2586.9	3086.3	3537.2	3923.4	4366.9	4998.3	5697.5	6241.4	6485.6	6517.4
17.5°	2289.9	2810.3	3347.2	3835.3	4251.8	4646.6	5263.0	6147.9	6824.2	7051.2	7152.2
15°	2460.9	3025.1	3606.7	4125.4	4582.7	5065.4	5723.7	6623.5	7396.7	7647.9	7806.8
12.5°	2626.0	3229.9	3862.0	4406.0	4913.8	5455.3	6142.0	6965.7	7671.5	8157.4	8448.9
10°	2783.3	3423.3	4109.7	4675.2	5241.1	5816.8	6488.2	7220.7	7795.2	8263.8	8677.6
7.5°	2862.6	3549.8	4322.5	4931.5	5560.2	6151.0	6771.6	7400.3	7884.2	8343.9	8744.0
5°	2916.5	3601.7	4389.0	5020.7	5729.7	6374.0	6976.5	7518.4	7942.4	8398.0	8788.8
2.5°	2955.0	3635.3	4434.0	5069.6	5793.4	6442.5	7035.5	7557.9	7990.3	8436.7	8836.9
0°	2978.3	3651.3	4457.0	5099.7	5833.3	6487.6	7069.8	7572.8	8022.2	8455.3	8886.1
-2.5°	2991.5	3700.2	4472.3	5177.0	5871.8	6526.5	7117.8	7608.7	8078.4	8490.5	8922.4
-5°	2989.8	3729.3	4468.3	5228.9	5890.2	6541.7	7141.8	7625.0	8108.8	8516.9	8937.2
-7.5°	2973.6	3736.1	4448.1	5245.2	5891.0	6536.5	7131.2	7632.8	8108.4	8541.1	8938.6
-10°	2944.7	3709.7	4429.5	5203.1	5868.4	6510.0	7099.0	7615.7	8089.4	8536.2	8930.8
-12.5°	2910.6	3655.2	4390.7	5142.6	5822.4	6460.5	7050.1	7572.1	8054.0	8499.6	8913.0
-15°	2859.3	3582.8	4326.9	5065.6	5752.6	6388.4	6986.7	7500.9	7999.4	8435.8	8860.1
-17.5°	2790.5	3493.1	4237.1	4974.3	5658.4	6294.4	6905.3	7406.9	7903.0	8354.0	8763.5
-20°	2703.8	3386.7	4120.5	4870.5	5538.9	6168.2	6760.0	7285.3	7778.2	8236.9	8667.3

Classified

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA6C-740-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°	2598.9	3264.5	3980.1	4730.3	5389.8	6012.0	6596.6	7130.4	7641.2	8084.8	8543.4
-25°	2493.9	3135.3	3824.9	4536.5	5216.5	5836.1	6422.5	6942.5	7464.5	7926.0	8361.6
-27.5°	2393.3	2985.4	3644.8	4322.9	5020.2	5636.8	6217.9	6738.3	7245.1	7749.7	8169.0
-30°	2280.4	2812.0	3447.3	4095.1	4774.7	5402.6	5988.1	6528.0	7010.2	7508.5	7958.8
-32.5°	2155.8	2628.1	3238.7	3861.9	4502.8	5144.4	5724.5	6260.9	6762.5	7233.8	7706.5
-35°	2034.0	2479.5	3017.7	3611.5	4214.6	4844.1	5424.6	5955.8	6476.4	6943.2	7394.9
-37.5°	1924.3	2318.7	2782.7	3350.0	3926.4	4521.8	5112.1	5626.4	6121.8	6635.1	7075.5
-40°	1805.8	2146.0	2579.3	3080.6	3623.9	4190.1	4755.4	5287.4	5753.1	6260.3	6744.8
-42.5°	1681.6	2005.3	2378.5	2795.5	3308.3	3842.2	4387.8	4908.3	5391.9	5870.4	6350.5
-45°	1572.8	1856.4	2174.3	2555.3	2972.8	3475.0	3991.6	4510.3	4974.4	5430.4	5904.5
-47.5°	1457.2	1706.7	2000.7	2305.0	2667.9	3087.8	3573.6	4052.0	4527.1	4961.0	5380.6
-50°	1342.0	1572.0	1813.5	2087.5	2387.0	2727.3	3130.9	3575.6	4009.6	4455.0	4870.6
-52.5°	1242.7	1430.2	1648.5	1877.2	2133.5	2415.1	2738.4	3103.7	3498.4	3876.5	4291.1
-55°	1139.7	1308.8	1484.9	1686.2	1899.6	2137.2	2402.2	2709.3	3010.4	3360.0	3698.5
-57.5°	1045.8	1188.3	1338.5	1504.7	1690.0	1880.2	2111.9	2350.8	2624.0	2895.7	3163.8
-60°	957.2	1073.7	1201.1	1341.8	1490.8	1660.0	1832.9	2038.1	2258.2	2475.1	2702.5
-62.5°	867.8	965.9	1069.8	1186.7	1316.5	1444.4	1592.0	1750.0	1912.0	2095.9	2275.2
-65°	776.0	855.3	943.4	1040.3	1143.9	1252.9	1366.3	1483.3	1621.1	1755.8	1886.2
-67.5°	678.5	746.3	817.6	893.9	980.9	1066.4	1151.8	1250.7	1352.1	1451.8	1555.1
-70°	570.4	634.4	693.8	755.7	820.3	887.3	960.3	1032.8	1104.3	1179.0	1261.9
-72.5°	460.5	519.4	571.6	617.4	670.4	726.1	779.4	830.3	884.3	941.0	997.1
-75°	367.3	406.2	452.9	495.5	537.7	576.9	612.1	655.3	700.3	741.5	775.4
-77.5°	286.7	322.0	353.9	382.5	416.1	455.4	489.7	519.1	547.7	578.9	612.0
-80°	208.6	237.9	267.0	293.4	312.8	335.0	361.2	391.2	417.3	438.5	457.8
-82.5°	134.7	155.8	177.5	199.5	208.5	214.6	220.4	230.8	246.9	262.8	278.0
-85°	67.1	73.3	86.5	100.0	104.7	108.0	110.2	111.5	116.9	122.0	126.4
-87.5°	33.6	36.7	39.7	42.7	41.1	39.0	36.2	33.0	32.2	31.2	30.0
-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: P645567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-740-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°	1.9	1.9	2.0	2.0	2.1	1.6	1.1	0.6	0.0	0.0	0.0
85°	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.1	2.1	1.7	1.1
82.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2
80°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
77.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
75°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
72.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
70°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
67.5°	2.5	2.3	2.3	2.3	2.4	2.3	2.3	2.3	2.3	2.0	1.5
65°	3.2	3.2	3.4	3.2	2.9	2.7	2.9	2.8	2.5	2.0	1.4
62.5°	5.9	6.6	5.2	5.2	5.1	4.9	4.7	4.5	4.2	4.0	4.1
60°	36.5	21.6	12.6	14.7	13.2	8.8	11.2	13.1	13.3	12.2	10.7
57.5°	202.4	151.2	111.9	267.2	268.0	128.0	154.1	242.3	199.5	65.5	60.8
55°	563.1	673.5	886.4	841.9	855.6	984.1	1074.5	951.3	932.6	993.8	1148.0
52.5°	1011.6	1116.9	1188.5	1255.5	1337.0	1424.7	1515.0	1572.4	1626.1	1683.3	1717.4
50°	1291.8	1440.1	1542.0	1504.5	1715.5	1801.8	1714.2	1792.5	1888.1	1914.3	1926.6
47.5°	1907.5	2125.0	2168.2	2308.2	2434.1	2431.4	2324.6	2330.8	2615.3	2866.2	2989.4
45°	2741.4	2748.7	2885.4	3132.9	3309.7	3254.1	3403.3	3742.6	3855.6	3964.7	4054.3
42.5°	3066.1	3200.8	3419.0	3637.8	3769.6	3884.0	3994.5	4119.2	4265.8	4384.7	4479.8
40°	3380.7	3489.2	3712.6	3888.8	3998.0	4104.8	4233.5	4371.7	4505.9	4610.4	4681.7
37.5°	3864.8	3948.9	4003.3	4166.9	4373.4	4278.1	4522.4	4697.6	4777.6	4883.8	4893.3
35°	4597.3	4541.3	4468.9	5119.9	5158.9	4939.0	5167.5	5439.0	5295.9	5594.0	5754.3
32.5°	5246.6	5238.3	5806.5	6148.8	5951.9	6112.6	6639.2	6615.9	6967.0	7129.9	7083.4
30°	5858.4	6067.1	6395.7	6650.7	6684.8	6938.2	7172.1	7377.0	7589.0	7778.9	7792.0
27.5°	6169.0	6441.3	6664.4	6811.9	6976.5	7189.7	7402.0	7632.8	7813.0	7932.1	7961.2
25°	6356.8	6635.0	6803.9	6962.7	7144.4	7328.5	7566.1	7817.3	7962.1	8035.6	8059.1
22.5°	6522.4	6772.4	6954.1	7082.9	7278.4	7476.4	7697.9	7910.6	8068.0	8100.0	8111.8
20°	6681.8	6922.1	7225.4	7415.0	7405.5	7628.6	7842.1	8011.3	8142.4	8141.6	8144.8
17.5°	7143.0	7228.8	7779.2	8197.0	7990.1	7881.0	8468.1	8479.3	8514.1	8444.8	8294.6
15°	7825.8	7982.0	8658.2	9111.2	8968.5	8961.0	9809.1	9598.8	9779.8	9732.4	9936.2
12.5°	8549.1	8734.0	9239.3	9684.1	9896.1	9948.1	10231.4	10496.9	10551.4	10529.9	10489.9
10°	9041.9	9305.2	9508.2	9778.2	9992.0	10210.0	10374.2	10564.7	10627.2	10591.1	10540.1
7.5°	9106.0	9366.3	9604.6	9841.5	10045.1	10220.8	10391.1	10546.3	10609.8	10588.8	10553.8
5°	9146.9	9382.6	9613.6	9854.0	10048.6	10211.4	10381.1	10538.4	10575.8	10550.6	10516.4
2.5°	9172.0	9390.3	9612.9	9852.2	10029.0	10184.1	10355.8	10523.5	10523.2	10512.2	10492.2
0°	9184.2	9403.1	9661.6	9878.1	10076.1	10222.8	10392.8	10555.8	10544.1	10513.8	10478.9
-2.5°	9210.4	9432.2	9695.9	9875.4	10098.6	10232.9	10408.6	10549.8	10544.4	10529.4	10512.1
-5°	9233.7	9483.1	9729.9	9918.7	10142.4	10318.0	10492.6	10603.0	10609.0	10588.2	10559.1
-7.5°	9247.9	9524.4	9759.9	9949.4	10166.4	10370.7	10547.8	10663.7	10666.3	10638.6	10603.8
-10°	9243.2	9535.1	9777.4	9973.3	10195.5	10397.3	10582.5	10729.4	10724.6	10698.4	10668.6
-12.5°	9225.7	9517.3	9766.2	9962.7	10214.9	10422.7	10631.0	10777.1	10784.9	10765.2	10733.0
-15°	9187.4	9488.4	9730.4	9945.1	10192.3	10435.1	10649.2	10810.4	10839.1	10823.0	10797.6
-17.5°	9111.5	9429.2	9685.9	9917.2	10154.4	10413.2	10656.7	10833.0	10872.2	10865.9	10844.8
-20°	9011.8	9339.7	9600.3	9842.6	10100.8	10367.5	10650.8	10811.9	10868.9	10872.5	10858.2

Classified

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

Scaled Data Report



REPORT NUMBER: P645567 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6C-740-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°	8900.0	9220.9	9497.4	9735.7	10015.7	10285.6	10542.2	10730.8	10826.6	10844.4	10845.6
-25°	8765.9	9095.7	9370.4	9624.1	9884.5	10163.3	10422.5	10633.1	10730.2	10776.7	10791.1
-27.5°	8576.4	8917.2	9187.6	9455.7	9720.7	10008.6	10281.1	10510.1	10589.0	10652.8	10678.4
-30°	8354.5	8691.5	8967.1	9212.2	9515.4	9808.9	10090.1	10289.9	10409.1	10482.1	10522.0
-32.5°	8099.2	8439.5	8728.7	8984.7	9272.8	9566.3	9830.9	10041.6	10205.9	10290.1	10332.7
-35°	7822.4	8169.8	8472.6	8742.3	9013.5	9293.3	9567.4	9787.8	9975.0	10047.3	10100.8
-37.5°	7488.5	7871.8	8182.3	8460.4	8718.1	8981.1	9266.5	9518.5	9700.3	9770.5	9826.9
-40°	7146.2	7516.6	7829.8	8126.3	8381.2	8668.4	8943.3	9207.4	9365.1	9447.0	9510.8
-42.5°	6784.8	7119.4	7417.2	7705.3	7989.0	8284.7	8559.5	8833.9	8970.4	9069.0	9147.3
-45°	6367.6	6678.9	6968.3	7237.9	7530.4	7821.1	8096.1	8338.7	8500.9	8629.4	8729.3
-47.5°	5811.4	6190.6	6481.2	6737.7	7027.7	7308.1	7574.5	7802.6	7980.6	8130.9	8246.9
-50°	5246.4	5610.4	5938.2	6226.3	6495.4	6754.7	7008.3	7231.4	7419.8	7582.6	7700.2
-52.5°	4690.2	5031.2	5356.4	5653.8	5912.4	6157.2	6389.3	6613.8	6812.4	6986.5	7100.2
-55°	4061.5	4414.8	4736.5	5013.9	5272.3	5514.2	5743.3	5956.2	6151.8	6329.1	6438.0
-57.5°	3471.8	3781.7	4081.0	4337.1	4581.0	4811.4	5028.7	5232.5	5420.7	5587.6	5692.6
-60°	2929.7	3155.7	3413.3	3649.7	3865.9	4062.1	4264.7	4454.7	4627.7	4774.3	4872.3
-62.5°	2450.6	2637.9	2823.9	3003.6	3179.0	3355.2	3524.9	3682.5	3827.0	3947.1	4032.9
-65°	2023.7	2174.2	2308.7	2436.2	2557.6	2696.6	2825.6	2947.0	3059.3	3151.4	3216.7
-67.5°	1666.4	1772.1	1865.1	1952.6	2048.4	2146.6	2238.6	2318.8	2387.4	2442.0	2485.1
-70°	1343.8	1421.6	1491.7	1561.5	1631.4	1695.2	1756.2	1815.2	1871.3	1916.9	1951.2
-72.5°	1052.4	1105.5	1153.3	1207.0	1257.3	1305.8	1347.9	1382.0	1408.4	1434.1	1456.6
-75°	802.3	842.3	896.1	941.6	979.2	1012.4	1042.9	1070.1	1094.0	1115.1	1133.7
-77.5°	645.4	679.3	713.5	746.7	778.8	802.7	824.8	847.0	868.7	887.5	904.0
-80°	478.3	503.6	530.0	556.6	583.2	596.4	606.9	616.7	625.3	636.5	646.9
-82.5°	292.5	306.8	321.5	336.4	351.3	355.0	356.3	356.0	354.0	350.0	343.8
-85°	130.1	130.9	130.5	129.0	126.5	121.4	115.1	107.8	99.6	98.3	96.8
-87.5°	28.6	28.0	27.2	26.3	25.3	25.2	25.1	25.0	24.7	25.6	26.3
-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: P645567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-740-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	0.6
85°	0.6	0.0	0.0	0.0	0.0	0.0	0.6	1.1	1.7	2.1	2.1
82.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.3	2.3
80°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
77.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
75°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
72.5°	2.3	2.3	1.2	0.0	1.2	2.3	2.3	2.3	2.3	2.3	2.3
70°	2.3	2.3	1.2	0.0	1.2	2.3	2.3	2.3	2.3	2.3	2.3
67.5°	0.8	0.2	0.0	0.0	0.0	0.2	0.8	1.5	2.0	2.3	2.3
65°	0.8	0.1	0.0	0.0	0.0	0.1	0.8	1.4	2.0	2.5	2.8
62.5°	4.3	4.5	4.6	4.7	4.6	4.5	4.3	4.1	4.0	4.2	4.5
60°	8.4	5.5	4.7	4.7	4.7	5.5	8.4	10.7	12.2	13.3	13.1
57.5°	51.4	38.4	32.6	30.3	32.6	38.4	51.4	60.8	65.5	199.5	242.3
55°	1258.5	1322.5	1370.4	1392.5	1370.4	1322.5	1258.5	1148.0	993.8	932.6	951.3
52.5°	1747.3	1775.2	1791.3	1790.7	1791.3	1775.2	1747.3	1717.4	1683.3	1626.1	1572.4
50°	1947.7	1961.2	1966.0	1963.1	1966.0	1961.2	1947.7	1926.6	1914.3	1888.1	1792.5
47.5°	2876.9	2627.8	2444.8	2400.8	2444.8	2627.8	2876.9	2989.4	2866.2	2615.3	2330.8
45°	4097.2	4191.7	4285.8	4315.0	4285.8	4191.7	4097.2	4054.3	3964.7	3855.6	3742.6
42.5°	4519.9	4550.7	4568.1	4568.8	4568.1	4550.7	4519.9	4479.8	4384.7	4265.8	4119.2
40°	4721.6	4750.6	4767.5	4769.1	4767.5	4750.6	4721.6	4681.7	4610.4	4505.9	4371.7
37.5°	4904.9	4929.6	4945.8	4962.3	4945.8	4929.6	4904.9	4893.3	4883.8	4777.6	4697.6
35°	5732.7	5545.2	5275.5	5316.3	5275.5	5545.2	5732.7	5754.3	5594.0	5295.9	5439.0
32.5°	7156.0	7234.9	7284.1	7367.8	7284.1	7234.9	7156.0	7083.4	7129.9	6967.0	6615.9
30°	7812.8	7838.8	7878.3	7919.7	7878.3	7838.8	7812.8	7792.0	7778.9	7589.0	7377.0
27.5°	7976.6	8003.6	8027.5	8045.5	8027.5	8003.6	7976.6	7961.2	7932.1	7813.0	7632.8
25°	8062.4	8079.1	8104.6	8127.0	8104.6	8079.1	8062.4	8059.1	8035.6	7962.1	7817.3
22.5°	8105.0	8106.7	8126.6	8154.9	8126.6	8106.7	8105.0	8111.8	8100.0	8068.0	7910.6
20°	8134.2	8118.4	8138.9	8157.3	8138.9	8118.4	8134.2	8144.8	8141.6	8142.4	8011.3
17.5°	8506.5	8294.1	8206.8	8208.5	8206.8	8294.1	8506.5	8294.6	8444.8	8514.1	8479.3
15°	9707.5	9787.2	10092.7	10257.7	10092.7	9787.2	9707.5	9936.2	9732.4	9779.8	9598.8
12.5°	10482.5	10454.1	10417.9	10467.3	10417.9	10454.1	10482.5	10489.9	10529.9	10551.4	10496.9
10°	10518.4	10515.2	10450.4	10520.8	10450.4	10515.2	10518.4	10540.1	10591.1	10627.2	10564.7
7.5°	10496.3	10498.3	10470.8	10539.5	10470.8	10498.3	10496.3	10553.8	10588.8	10609.8	10546.3
5°	10510.9	10463.6	10481.5	10520.8	10481.5	10463.6	10510.9	10516.4	10550.6	10575.8	10538.4
2.5°	10470.2	10465.4	10430.4	10458.0	10430.4	10465.4	10470.2	10492.2	10512.2	10523.2	10523.5
0°	10439.3	10413.7	10413.7	10437.0	10413.7	10413.7	10439.3	10478.9	10513.8	10544.1	10555.8
-2.5°	10494.4	10489.0	10485.6	10469.6	10485.6	10489.0	10494.4	10512.1	10529.4	10544.4	10549.8
-5°	10539.6	10525.9	10487.7	10539.5	10487.7	10525.9	10539.6	10559.1	10588.2	10609.0	10603.0
-7.5°	10588.3	10553.0	10516.8	10597.7	10516.8	10553.0	10588.3	10603.8	10638.6	10666.3	10663.7
-10°	10632.8	10581.7	10546.5	10625.6	10546.5	10581.7	10632.8	10668.6	10698.4	10724.6	10729.4
-12.5°	10691.6	10631.9	10608.3	10651.2	10608.3	10631.9	10691.6	10733.0	10765.2	10784.9	10777.1
-15°	10754.3	10713.0	10707.4	10732.7	10707.4	10713.0	10754.3	10797.6	10823.0	10839.1	10810.4
-17.5°	10809.4	10780.3	10794.7	10823.6	10794.7	10780.3	10809.4	10844.8	10865.9	10872.2	10833.0
-20°	10835.7	10819.4	10835.6	10907.4	10835.6	10819.4	10835.7	10858.2	10872.5	10868.9	10811.9



REPORT NUMBER: P645567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-740-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°	10833.5	10834.5	10863.0	10886.4	10863.0	10834.5	10833.5	10845.6	10844.4	10826.6	10730.8
-25°	10792.1	10813.9	10846.6	10893.4	10846.6	10813.9	10792.1	10791.1	10776.7	10730.2	10633.1
-27.5°	10692.4	10728.6	10762.8	10811.9	10762.8	10728.6	10692.4	10678.4	10652.8	10589.0	10510.1
-30°	10548.3	10591.3	10621.8	10674.5	10621.8	10591.3	10548.3	10522.0	10482.1	10409.1	10289.9
-32.5°	10372.9	10421.6	10457.6	10495.2	10457.6	10421.6	10372.9	10332.7	10290.1	10205.9	10041.6
-35°	10153.6	10206.0	10244.4	10278.7	10244.4	10206.0	10153.6	10100.8	10047.3	9975.0	9787.8
-37.5°	9890.1	9946.6	9990.3	10029.5	9990.3	9946.6	9890.1	9826.9	9770.5	9700.3	9518.5
-40°	9583.2	9641.2	9687.7	9731.4	9687.7	9641.2	9583.2	9510.8	9447.0	9365.1	9207.4
-42.5°	9224.3	9282.9	9330.9	9375.1	9330.9	9282.9	9224.3	9147.3	9069.0	8970.4	8833.9
-45°	8809.9	8870.1	8920.9	8967.6	8920.9	8870.1	8809.9	8729.3	8629.4	8500.9	8338.7
-47.5°	8332.5	8397.0	8440.5	8462.3	8440.5	8397.0	8332.5	8246.9	8130.9	7980.6	7802.6
-50°	7785.4	7849.9	7902.1	7940.7	7902.1	7849.9	7785.4	7700.2	7582.6	7419.8	7231.4
-52.5°	7183.2	7244.5	7289.4	7316.6	7289.4	7244.5	7183.2	7100.2	6986.5	6812.4	6613.8
-55°	6523.8	6588.0	6630.6	6650.6	6630.6	6588.0	6523.8	6438.0	6329.1	6151.8	5956.2
-57.5°	5775.9	5836.9	5882.2	5907.8	5882.2	5836.9	5775.9	5692.6	5587.6	5420.7	5232.5
-60°	4948.5	5003.1	5037.4	5050.8	5037.4	5003.1	4948.5	4872.3	4774.3	4627.7	4454.7
-62.5°	4102.2	4153.8	4186.0	4198.6	4186.0	4153.8	4102.2	4032.9	3947.1	3827.0	3682.5
-65°	3265.5	3297.8	3315.7	3318.3	3315.7	3297.8	3265.5	3216.7	3151.4	3059.3	2947.0
-67.5°	2519.2	2543.8	2558.8	2563.8	2558.8	2543.8	2519.2	2485.1	2442.0	2387.4	2318.8
-70°	1976.7	1993.7	2003.3	2005.0	2003.3	1993.7	1976.7	1951.2	1916.9	1871.3	1815.2
-72.5°	1473.8	1486.0	1481.7	1471.7	1481.7	1486.0	1473.8	1456.6	1434.1	1408.4	1382.0
-75°	1149.7	1163.1	1157.5	1148.0	1157.5	1163.1	1149.7	1133.7	1115.1	1094.0	1070.1
-77.5°	918.4	930.6	924.7	915.2	924.7	930.6	918.4	904.0	887.5	868.7	847.0
-80°	655.9	663.0	668.1	670.7	668.1	663.0	655.9	646.9	636.5	625.3	616.7
-82.5°	335.7	325.8	319.6	312.0	319.6	325.8	335.7	343.8	350.0	354.0	356.0
-85°	94.9	92.6	94.2	95.5	94.2	92.6	94.9	96.8	98.3	99.6	107.8
-87.5°	27.1	27.8	27.9	27.9	27.9	27.8	27.1	26.3	25.6	24.7	25.0
-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: P645567 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	1.1	1.6	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.6
85°	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
82.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
80°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
77.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
75°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
72.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
70°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.6
67.5°	2.3	2.3	2.4	2.3	2.3	2.3	2.5	2.4	2.3	2.3	2.8
65°	2.9	2.7	2.9	3.2	3.4	3.2	3.2	3.4	3.3	3.2	3.0
62.5°	4.7	4.9	5.1	5.2	5.2	6.6	5.9	5.9	5.5	6.7	9.1
60°	11.2	8.8	13.2	14.7	12.6	21.6	36.5	32.9	9.7	52.7	60.8
57.5°	154.1	128.0	268.0	267.2	111.9	151.2	202.4	133.3	87.2	149.3	197.3
55°	1074.5	984.1	855.6	841.9	886.4	673.5	563.1	541.8	424.1	275.7	327.5
52.5°	1515.0	1424.7	1337.0	1255.5	1188.5	1116.9	1011.6	897.8	861.4	693.7	534.9
50°	1714.2	1801.8	1715.5	1504.5	1542.0	1440.1	1291.8	1170.9	1195.7	1093.0	881.3
47.5°	2324.6	2431.4	2434.1	2308.2	2168.2	2125.0	1907.5	1529.7	1555.0	1550.6	1326.4
45°	3403.3	3254.1	3309.7	3132.9	2885.4	2748.7	2741.4	2337.2	1962.9	1902.1	1880.4
42.5°	3994.5	3884.0	3769.6	3637.8	3419.0	3200.8	3066.1	2838.8	2537.9	2271.5	2177.0
40°	4233.5	4104.8	3998.0	3888.8	3712.6	3489.2	3380.7	3082.2	2856.0	2625.4	2548.6
37.5°	4522.4	4278.1	4373.4	4166.9	4003.3	3948.9	3864.8	3554.1	3052.8	3010.6	2971.8
35°	5167.5	4939.0	5158.9	5119.9	4468.9	4541.3	4597.3	4215.5	3690.6	3406.0	3412.1
32.5°	6639.2	6112.6	5951.9	6148.8	5806.5	5238.3	5246.6	5130.3	4413.9	3999.7	3818.5
30°	7172.1	6938.2	6684.8	6650.7	6395.7	6067.1	5858.4	5579.0	5057.5	4584.9	4274.2
27.5°	7402.0	7189.7	6976.5	6811.9	6664.4	6441.3	6169.0	5840.7	5469.7	5046.2	4744.4
25°	7566.1	7328.5	7144.4	6962.7	6803.9	6635.0	6356.8	6037.1	5691.0	5349.5	5025.5
22.5°	7697.9	7476.4	7278.4	7082.9	6954.1	6772.4	6522.4	6192.2	5959.9	5742.9	5321.6
20°	7842.1	7628.6	7405.5	7415.0	7225.4	6922.1	6681.8	6517.4	6485.6	6241.4	5697.5
17.5°	8468.1	7881.0	7990.1	8197.0	7779.2	7228.8	7143.0	7152.2	7051.2	6824.2	6147.9
15°	9809.1	8961.0	8968.5	9111.2	8658.2	7982.0	7825.8	7806.8	7647.9	7396.7	6623.5
12.5°	10231.4	9948.1	9896.1	9684.1	9239.3	8734.0	8549.1	8448.9	8157.4	7671.5	6965.7
10°	10374.2	10210.0	9992.0	9778.2	9508.2	9305.2	9041.9	8677.6	8263.8	7795.2	7220.7
7.5°	10391.1	10220.8	10045.1	9841.5	9604.6	9366.3	9106.0	8744.0	8343.9	7884.2	7400.3
5°	10381.1	10211.4	10048.6	9854.0	9613.6	9382.6	9146.9	8788.8	8398.0	7942.4	7518.4
2.5°	10355.8	10184.1	10029.0	9852.2	9612.9	9390.3	9172.0	8836.9	8436.7	7990.3	7557.9
0°	10392.8	10222.8	10076.1	9878.1	9661.6	9403.1	9184.2	8886.1	8455.3	8022.2	7572.8
-2.5°	10408.6	10232.9	10098.6	9875.4	9695.9	9432.2	9210.4	8922.4	8490.5	8078.4	7608.7
-5°	10492.6	10318.0	10142.4	9918.7	9729.9	9483.1	9233.7	8937.2	8516.9	8108.8	7625.0
-7.5°	10547.8	10370.7	10166.4	9949.4	9759.9	9524.4	9247.9	8938.6	8541.1	8108.4	7632.8
-10°	10582.5	10397.3	10195.5	9973.3	9777.4	9535.1	9243.2	8930.8	8536.2	8089.4	7615.7
-12.5°	10631.0	10422.7	10214.9	9962.7	9766.2	9517.3	9225.7	8913.0	8499.6	8054.0	7572.1
-15°	10649.2	10435.1	10192.3	9945.1	9730.4	9488.4	9187.4	8860.1	8435.8	7999.4	7500.9
-17.5°	10656.7	10413.2	10154.4	9917.2	9685.9	9429.2	9111.5	8763.5	8354.0	7903.0	7406.9
-20°	10650.8	10367.5	10100.8	9842.6	9600.3	9339.7	9011.8	8667.3	8236.9	7778.2	7285.3



REPORT NUMBER: P645567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-740-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°	10542.2	10285.6	10015.7	9735.7	9497.4	9220.9	8900.0	8543.4	8084.8	7641.2	7130.4
-25°	10422.5	10163.3	9884.5	9624.1	9370.4	9095.7	8765.9	8361.6	7926.0	7464.5	6942.5
-27.5°	10281.1	10008.6	9720.7	9455.7	9187.6	8917.2	8576.4	8169.0	7749.7	7245.1	6738.3
-30°	10090.1	9808.9	9515.4	9212.2	8967.1	8691.5	8354.5	7958.8	7508.5	7010.2	6528.0
-32.5°	9830.9	9566.3	9272.8	8984.7	8728.7	8439.5	8099.2	7706.5	7233.8	6762.5	6260.9
-35°	9567.4	9293.3	9013.5	8742.3	8472.6	8169.8	7822.4	7394.9	6943.2	6476.4	5955.8
-37.5°	9266.5	8981.1	8718.1	8460.4	8182.3	7871.8	7488.5	7075.5	6635.1	6121.8	5626.4
-40°	8943.3	8668.4	8381.2	8126.3	7829.8	7516.6	7146.2	6744.8	6260.3	5753.1	5287.4
-42.5°	8559.5	8284.7	7989.0	7705.3	7417.2	7119.4	6784.8	6350.5	5870.4	5391.9	4908.3
-45°	8096.1	7821.1	7530.4	7237.9	6968.3	6678.9	6367.6	5904.5	5430.4	4974.4	4510.3
-47.5°	7574.5	7308.1	7027.7	6737.7	6481.2	6190.6	5811.4	5380.6	4961.0	4527.1	4052.0
-50°	7008.3	6754.7	6495.4	6226.3	5938.2	5610.4	5246.4	4870.6	4455.0	4009.6	3575.6
-52.5°	6389.3	6157.2	5912.4	5653.8	5356.4	5031.2	4690.2	4291.1	3876.5	3498.4	3103.7
-55°	5743.3	5514.2	5272.3	5013.9	4736.5	4414.8	4061.5	3698.5	3360.0	3010.4	2709.3
-57.5°	5028.7	4811.4	4581.0	4337.1	4081.0	3781.7	3471.8	3163.8	2895.7	2624.0	2350.8
-60°	4264.7	4062.1	3865.9	3649.7	3413.3	3155.7	2929.7	2702.5	2475.1	2258.2	2038.1
-62.5°	3524.9	3355.2	3179.0	3003.6	2823.9	2637.9	2450.6	2275.2	2095.9	1912.0	1750.0
-65°	2825.6	2696.6	2557.6	2436.2	2308.7	2174.2	2023.7	1886.2	1755.8	1621.1	1483.3
-67.5°	2238.6	2146.6	2048.4	1952.6	1865.1	1772.1	1666.4	1555.1	1451.8	1352.1	1250.7
-70°	1756.2	1695.2	1631.4	1561.5	1491.7	1421.6	1343.8	1261.9	1179.0	1104.3	1032.8
-72.5°	1347.9	1305.8	1257.3	1207.0	1153.3	1105.5	1052.4	997.1	941.0	884.3	830.3
-75°	1042.9	1012.4	979.2	941.6	896.1	842.3	802.3	775.4	741.5	700.3	655.3
-77.5°	824.8	802.7	778.8	746.7	713.5	679.3	645.4	612.0	578.9	547.7	519.1
-80°	606.9	596.4	583.2	556.6	530.0	503.6	478.3	457.8	438.5	417.3	391.2
-82.5°	356.3	355.0	351.3	336.4	321.5	306.8	292.5	278.0	262.8	246.9	230.8
-85°	115.1	121.4	126.5	129.0	130.5	130.9	130.1	126.4	122.0	116.9	111.5
-87.5°	25.1	25.2	25.3	26.3	27.2	28.0	28.6	30.0	31.2	32.2	33.0
-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: P645567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-740-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°	1.6	1.5	1.4	1.3	1.2	1.1	1.1	1.0	1.1	1.2	1.2
85°	2.3	2.3	2.3	2.3	2.3	2.3	2.1	2.0	2.2	2.4	2.5
82.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.9	3.5	3.7
80°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	3.0	3.6	4.2
77.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	3.0	3.6	4.2
75°	2.3	2.3	2.3	2.4	2.5	2.3	2.3	2.5	3.1	3.7	4.2
72.5°	2.3	2.3	2.3	2.6	2.9	3.0	2.7	2.5	3.1	3.7	4.3
70°	2.7	2.4	2.3	2.7	3.3	3.8	3.7	3.7	3.2	3.8	4.3
67.5°	3.4	3.5	3.2	3.2	3.4	4.0	4.5	5.3	5.2	3.9	4.4
65°	3.6	4.2	4.9	6.6	5.8	4.1	4.6	9.2	7.3	6.2	4.5
62.5°	7.7	4.3	14.8	19.7	11.2	8.7	7.0	20.3	12.8	8.6	6.3
60°	18.3	15.0	41.1	65.8	45.9	15.5	22.8	35.2	32.4	11.2	8.8
57.5°	170.8	58.7	85.1	123.1	120.9	65.6	47.9	63.9	55.0	31.7	12.4
55°	364.6	306.8	202.6	185.5	200.4	161.8	105.3	103.3	84.8	58.7	20.1
52.5°	500.1	521.9	454.3	317.4	276.4	263.4	205.7	149.9	133.1	88.2	51.0
50°	724.0	674.2	667.5	560.4	387.6	350.8	303.6	234.1	186.7	126.1	86.2
47.5°	1022.8	898.4	832.5	784.4	618.4	447.2	398.3	320.2	245.9	181.7	123.1
45°	1461.6	1161.3	1033.8	955.7	847.4	628.9	498.4	403.7	320.4	243.9	161.7
42.5°	1902.3	1501.4	1263.5	1137.4	1024.8	834.1	605.5	500.1	393.1	307.2	210.6
40°	2291.2	1852.2	1505.0	1342.9	1198.9	1032.3	779.0	603.2	464.3	372.4	266.3
37.5°	2759.5	2251.6	1783.0	1558.2	1384.5	1197.9	954.9	710.9	549.9	440.7	322.0
35°	3212.5	2768.6	2094.0	1818.4	1591.1	1367.7	1124.4	838.2	655.1	510.2	377.8
32.5°	3698.9	3254.8	2563.7	2108.9	1804.9	1541.2	1282.8	993.1	760.8	580.6	433.3
30°	4081.9	3574.9	2975.9	2399.7	2037.6	1734.8	1441.1	1141.6	866.8	651.5	489.4
27.5°	4284.9	3851.9	3301.2	2723.8	2299.4	1933.3	1604.1	1283.6	972.7	729.5	547.8
25°	4494.9	4047.0	3533.8	3007.1	2558.0	2143.4	1766.4	1418.9	1088.3	817.4	605.6
22.5°	4746.1	4212.8	3729.9	3231.6	2824.6	2356.5	1936.6	1556.0	1203.8	903.7	662.5
20°	4998.3	4366.9	3923.4	3537.2	3086.3	2586.9	2114.5	1689.6	1312.9	987.7	718.1
17.5°	5263.0	4646.6	4251.8	3835.3	3347.2	2810.3	2289.9	1819.1	1415.2	1069.0	772.2
15°	5723.7	5065.4	4582.7	4125.4	3606.7	3025.1	2460.9	1943.6	1510.6	1147.1	822.5
12.5°	6142.0	5455.3	4913.8	4406.0	3862.0	3229.9	2626.0	2061.9	1599.0	1209.4	867.3
10°	6488.2	5816.8	5241.1	4675.2	4109.7	3423.3	2783.3	2158.4	1652.0	1255.9	908.5
7.5°	6771.6	6151.0	5560.2	4931.5	4322.5	3549.8	2862.6	2214.6	1693.1	1295.4	946.1
5°	6976.5	6374.0	5729.7	5020.7	4389.0	3601.7	2916.5	2260.3	1726.2	1328.4	980.0
2.5°	7035.5	6442.5	5793.4	5069.6	4434.0	3635.3	2955.0	2295.3	1751.7	1355.2	1010.0
0°	7069.8	6487.6	5833.3	5099.7	4457.0	3651.3	2978.3	2319.3	1769.8	1376.2	1036.2
-2.5°	7117.8	6526.5	5871.8	5177.0	4472.3	3700.2	2991.5	2335.0	1792.6	1383.7	1051.5
-5°	7141.8	6541.7	5890.2	5228.9	4468.3	3729.3	2989.8	2340.0	1807.4	1386.3	1062.7
-7.5°	7131.2	6536.5	5891.0	5245.2	4448.1	3736.1	2973.6	2334.8	1813.5	1384.4	1069.6
-10°	7099.0	6510.0	5868.4	5203.1	4429.5	3709.7	2944.7	2320.0	1809.9	1378.5	1072.3
-12.5°	7050.1	6460.5	5822.4	5142.6	4390.7	3655.2	2910.6	2294.5	1795.3	1369.0	1070.5
-15°	6986.7	6388.4	5752.6	5065.6	4326.9	3582.8	2859.3	2257.6	1766.8	1358.1	1064.2
-17.5°	6905.3	6294.4	5658.4	4974.3	4237.1	3493.1	2790.5	2209.5	1731.2	1344.9	1051.4
-20°	6760.0	6168.2	5538.9	4870.5	4120.5	3386.7	2703.8	2150.2	1688.9	1326.2	1033.1



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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°	6596.6	6012.0	5389.8	4730.3	3980.1	3264.5	2598.9	2079.8	1640.0	1301.7	1011.1
-25°	6422.5	5836.1	5216.5	4536.5	3824.9	3135.3	2493.9	1998.3	1584.9	1271.4	985.5
-27.5°	6217.9	5636.8	5020.2	4322.9	3644.8	2985.4	2393.3	1926.0	1531.7	1235.4	956.5
-30°	5988.1	5402.6	4774.7	4095.1	3447.3	2812.0	2280.4	1848.9	1486.6	1195.9	924.2
-32.5°	5724.5	5144.4	4502.8	3861.9	3238.7	2628.1	2155.8	1766.4	1434.5	1154.1	894.2
-35°	5424.6	4844.1	4214.6	3611.5	3017.7	2479.5	2034.0	1678.9	1375.5	1108.9	862.7
-37.5°	5112.1	4521.8	3926.4	3350.0	2782.7	2318.7	1924.3	1592.5	1309.6	1060.5	827.9
-40°	4755.4	4190.1	3623.9	3080.6	2579.3	2146.0	1805.8	1507.1	1247.3	1008.9	789.8
-42.5°	4387.8	3842.2	3308.3	2795.5	2378.5	2005.3	1681.6	1415.3	1181.5	959.2	748.5
-45°	3991.6	3475.0	2972.8	2555.3	2174.3	1856.4	1572.8	1320.1	1111.3	908.2	705.8
-47.5°	3573.6	3087.8	2667.9	2305.0	2000.7	1706.7	1457.2	1237.7	1037.6	853.6	663.0
-50°	3130.9	2727.3	2387.0	2087.5	1813.5	1572.0	1342.0	1151.4	970.1	793.3	618.2
-52.5°	2738.4	2415.1	2133.5	1877.2	1648.5	1430.2	1242.7	1063.0	900.5	735.6	571.3
-55°	2402.2	2137.2	1899.6	1686.2	1484.9	1308.8	1139.7	984.4	829.0	677.7	523.9
-57.5°	2111.9	1880.2	1690.0	1504.7	1338.5	1188.3	1045.8	904.1	760.5	617.8	486.2
-60°	1832.9	1660.0	1490.8	1341.8	1201.1	1073.7	957.2	823.9	691.3	557.9	444.5
-62.5°	1592.0	1444.4	1316.5	1186.7	1069.8	965.9	867.8	745.4	620.2	502.4	399.2
-65°	1366.3	1252.9	1143.9	1040.3	943.4	855.3	776.0	664.9	548.8	443.6	352.2
-67.5°	1151.8	1066.4	980.9	893.9	817.6	746.3	678.5	578.1	474.3	381.8	305.6
-70°	960.3	887.3	820.3	755.7	693.8	634.4	570.4	485.7	396.4	326.4	257.8
-72.5°	779.4	726.1	670.4	617.4	571.6	519.4	460.5	394.5	331.8	270.0	209.0
-75°	612.1	576.9	537.7	495.5	452.9	406.2	367.3	321.1	266.5	212.5	168.4
-77.5°	489.7	455.4	416.1	382.5	353.9	322.0	286.7	246.5	203.2	165.3	130.2
-80°	361.2	335.0	312.8	293.4	267.0	237.9	208.6	179.3	147.8	118.4	91.2
-82.5°	220.4	214.6	208.5	199.5	177.5	155.8	134.7	113.8	91.4	70.7	58.6
-85°	110.2	108.0	104.7	100.0	86.5	73.3	67.1	60.9	53.4	46.1	39.1
-87.5°	36.2	39.0	41.1	42.7	39.7	36.7	33.6	30.5	26.7	23.1	19.6
-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°	1.2	1.0	0.8	0.6	0.4	0.3	0.0
85°	2.4	2.0	1.6	1.2	0.8	0.5	0.0
82.5°	3.6	3.0	2.4	1.8	1.2	0.8	0.0
80°	4.7	4.0	3.2	2.4	1.6	1.0	0.0
77.5°	4.7	4.7	4.0	3.0	2.1	1.3	0.0
75°	4.8	4.9	4.7	3.6	2.5	1.5	0.0
72.5°	4.8	5.0	4.9	4.2	2.9	1.8	0.0
70°	5.0	5.2	5.2	4.7	3.3	2.0	0.0
67.5°	5.5	5.4	5.4	5.0	3.7	2.3	0.0
65°	6.3	6.2	5.6	5.2	4.1	2.5	0.0
62.5°	7.3	7.7	5.9	5.4	4.6	2.8	0.0
60°	8.7	9.4	6.1	5.7	5.0	3.0	0.0
57.5°	16.0	11.2	7.9	5.9	5.3	3.2	0.0
55°	25.4	13.2	9.9	6.2	5.5	3.5	0.0
52.5°	36.5	17.0	11.9	6.4	5.8	3.7	0.0
50°	49.1	28.9	14.0	6.7	6.0	3.9	0.0
47.5°	66.1	41.8	16.3	7.3	6.3	4.2	0.0
45°	99.7	55.6	18.6	9.1	6.6	4.4	0.0
42.5°	134.1	70.2	21.0	10.8	6.9	4.6	0.0
40°	169.3	85.7	28.2	13.1	7.2	4.8	0.0
37.5°	205.1	102.1	40.4	15.9	7.5	5.0	0.0
35°	241.5	126.8	52.7	19.0	7.8	5.2	0.0
32.5°	281.0	155.5	65.2	22.4	8.1	5.4	0.0
30°	326.1	184.0	77.8	26.1	8.4	5.6	0.0
27.5°	370.4	212.1	93.3	30.0	8.7	5.7	0.0
25°	413.5	239.8	109.3	34.2	9.0	5.9	0.0
22.5°	455.5	268.1	125.1	38.5	9.3	6.1	0.0
20°	496.0	298.4	140.9	42.9	9.6	6.2	0.0
17.5°	536.1	327.7	156.4	47.4	9.9	6.3	0.0
15°	574.6	355.9	171.5	52.0	10.1	6.5	0.0
12.5°	610.6	382.8	186.0	56.5	10.4	6.6	0.0
10°	644.0	408.2	200.0	61.0	10.7	6.7	0.0
7.5°	674.7	431.9	213.2	65.3	10.9	6.8	0.0
5°	702.7	453.8	225.5	69.4	11.2	6.9	0.0
2.5°	727.7	473.6	236.7	73.3	11.4	6.9	0.0
0°	749.8	491.3	246.8	76.8	11.6	7.0	0.0
-2.5°	760.8	502.5	256.2	81.8	13.4	7.4	0.0
-5°	768.8	511.3	264.2	86.4	15.2	7.8	0.0
-7.5°	774.0	517.8	270.7	90.5	17.0	8.1	0.0
-10°	776.3	521.8	275.6	94.1	18.6	8.5	0.0
-12.5°	775.9	523.4	278.9	97.1	20.3	8.8	0.0
-15°	772.8	522.7	280.5	99.5	21.8	9.1	0.0
-17.5°	767.2	519.6	280.3	101.3	23.2	9.3	0.0
-20°	758.4	514.1	278.3	102.3	24.5	9.6	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	745.7	506.2	274.4	102.6	25.6	9.8	0.0
-25°	730.1	494.0	268.5	102.1	26.7	9.9	0.0
-27.5°	711.5	478.9	260.7	100.9	27.5	10.0	0.0
-30°	690.1	461.6	250.9	98.8	28.3	10.1	0.0
-32.5°	665.7	442.3	239.5	95.9	28.8	10.1	0.0
-35°	639.4	421.0	226.8	92.2	29.2	10.1	0.0
-37.5°	611.1	399.6	212.9	87.6	29.4	10.0	0.0
-40°	580.6	380.1	197.6	82.1	29.4	9.9	0.0
-42.5°	548.0	359.4	186.1	76.2	29.3	9.8	0.0
-45°	513.4	337.2	178.2	70.3	28.9	9.6	0.0
-47.5°	476.8	313.9	168.9	63.5	28.4	9.4	0.0
-50°	446.1	289.2	158.3	61.2	27.7	9.1	0.0
-52.5°	415.5	263.4	146.2	60.0	26.8	8.8	0.0
-55°	383.7	243.9	132.8	58.1	25.7	8.4	0.0
-57.5°	350.7	224.0	118.2	55.6	24.5	8.0	0.0
-60°	317.1	202.4	102.8	52.4	23.1	7.5	0.0
-62.5°	286.5	179.0	95.5	48.7	21.7	7.0	0.0
-65°	253.7	154.1	87.2	44.4	20.2	6.5	0.0
-67.5°	218.9	133.2	77.9	39.6	18.5	6.0	0.0
-70°	182.1	116.6	67.8	34.4	16.7	5.4	0.0
-72.5°	154.1	98.7	56.8	30.3	14.9	4.8	0.0
-75°	125.9	79.7	45.2	26.3	12.9	4.1	0.0
-77.5°	96.5	59.8	37.4	22.2	10.9	3.5	0.0
-80°	65.8	45.6	30.2	17.9	8.8	2.8	0.0
-82.5°	48.4	34.4	22.8	13.5	6.6	2.1	0.0
-85°	32.4	23.1	15.3	9.1	4.4	1.4	0.0
-87.5°	16.3	11.6	7.7	4.6	2.2	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)