

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: P645557 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA6B-750-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645557 (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-SA6B-750-U-LAM-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (96) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

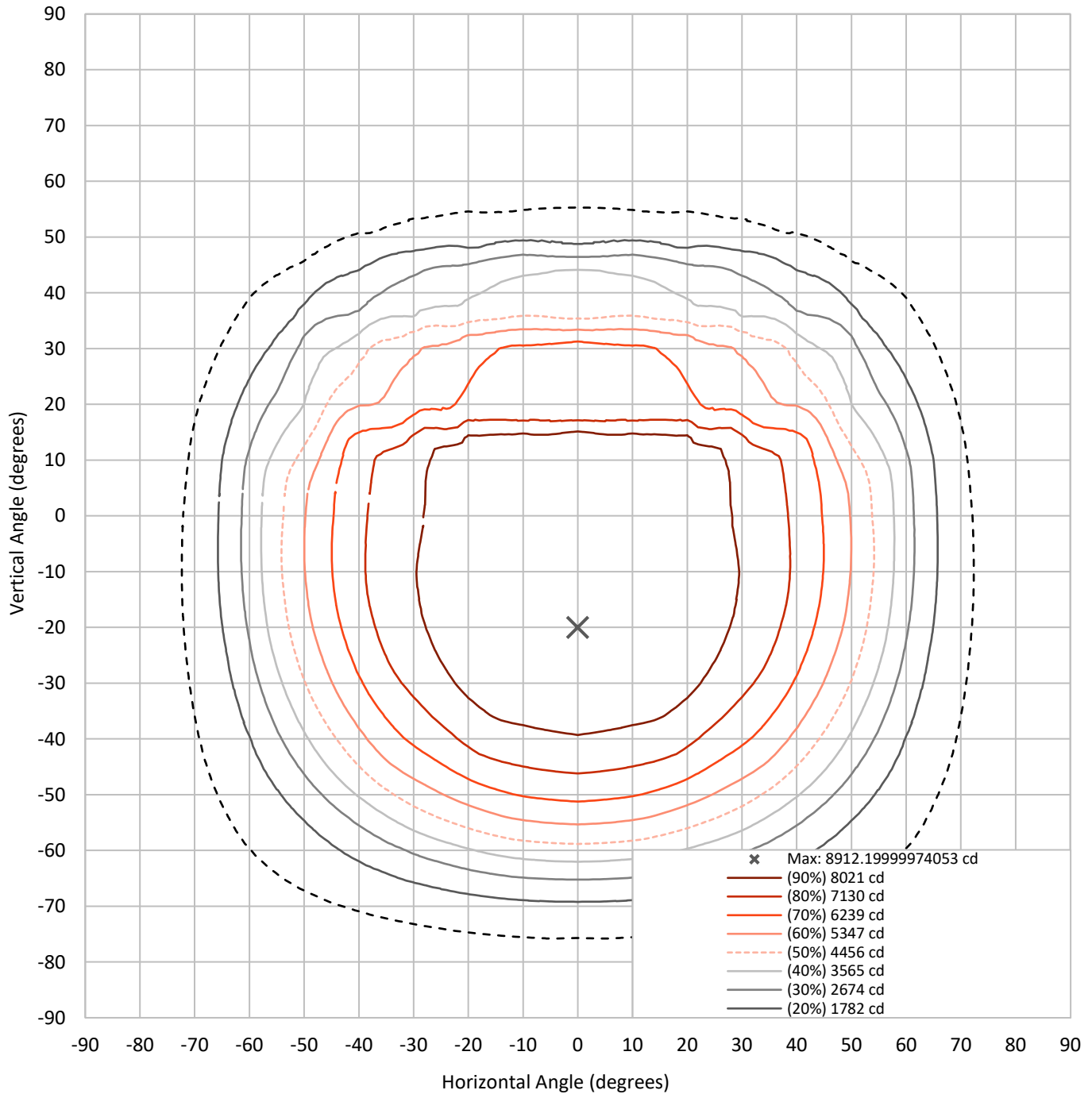
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	20897.3 lumens	Max Intensity:	8912.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	109.6 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:	16336.3 lumens	Field Lumens:	20482.3 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	190.6		
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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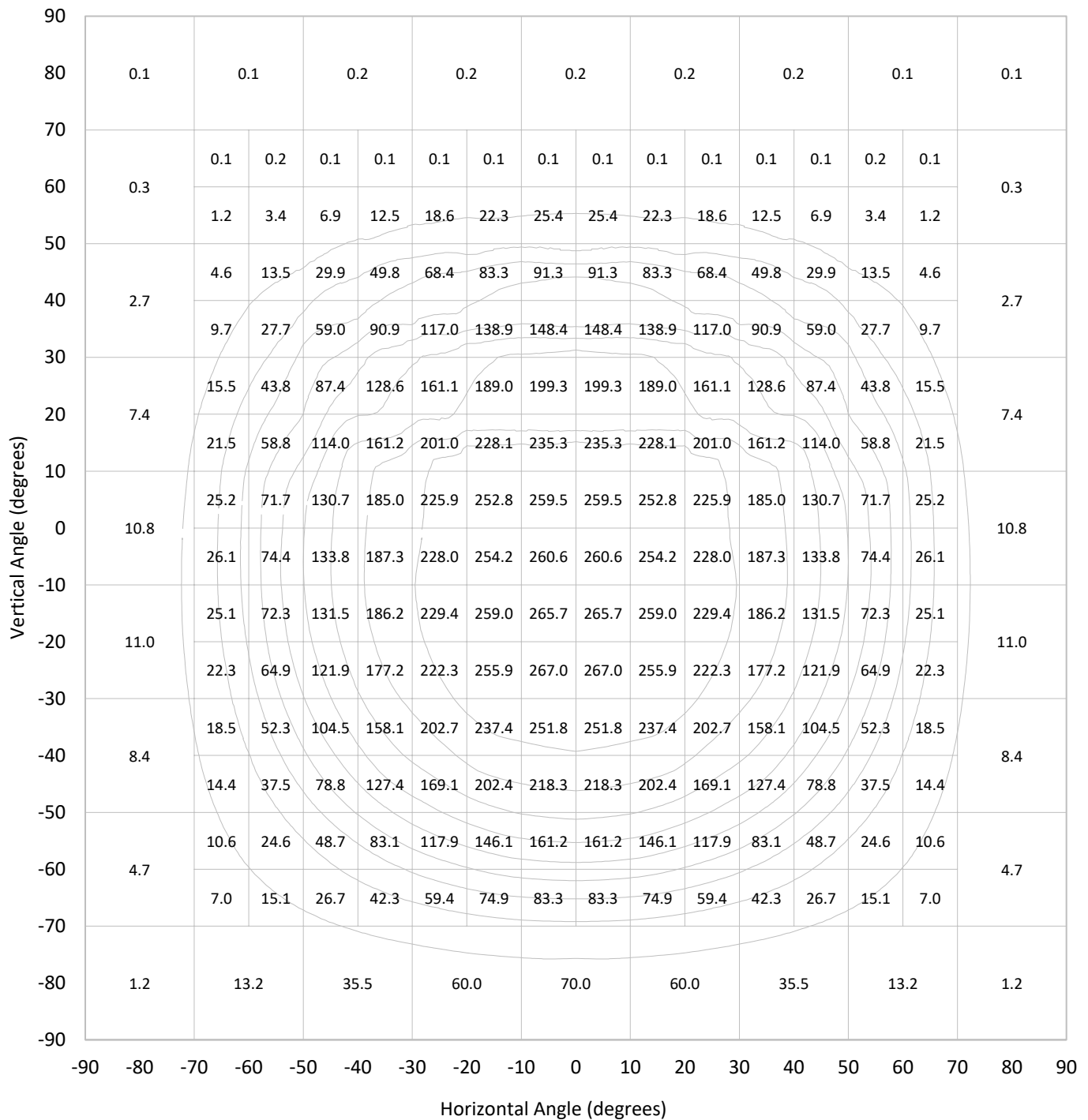
Iso-Candela Plot





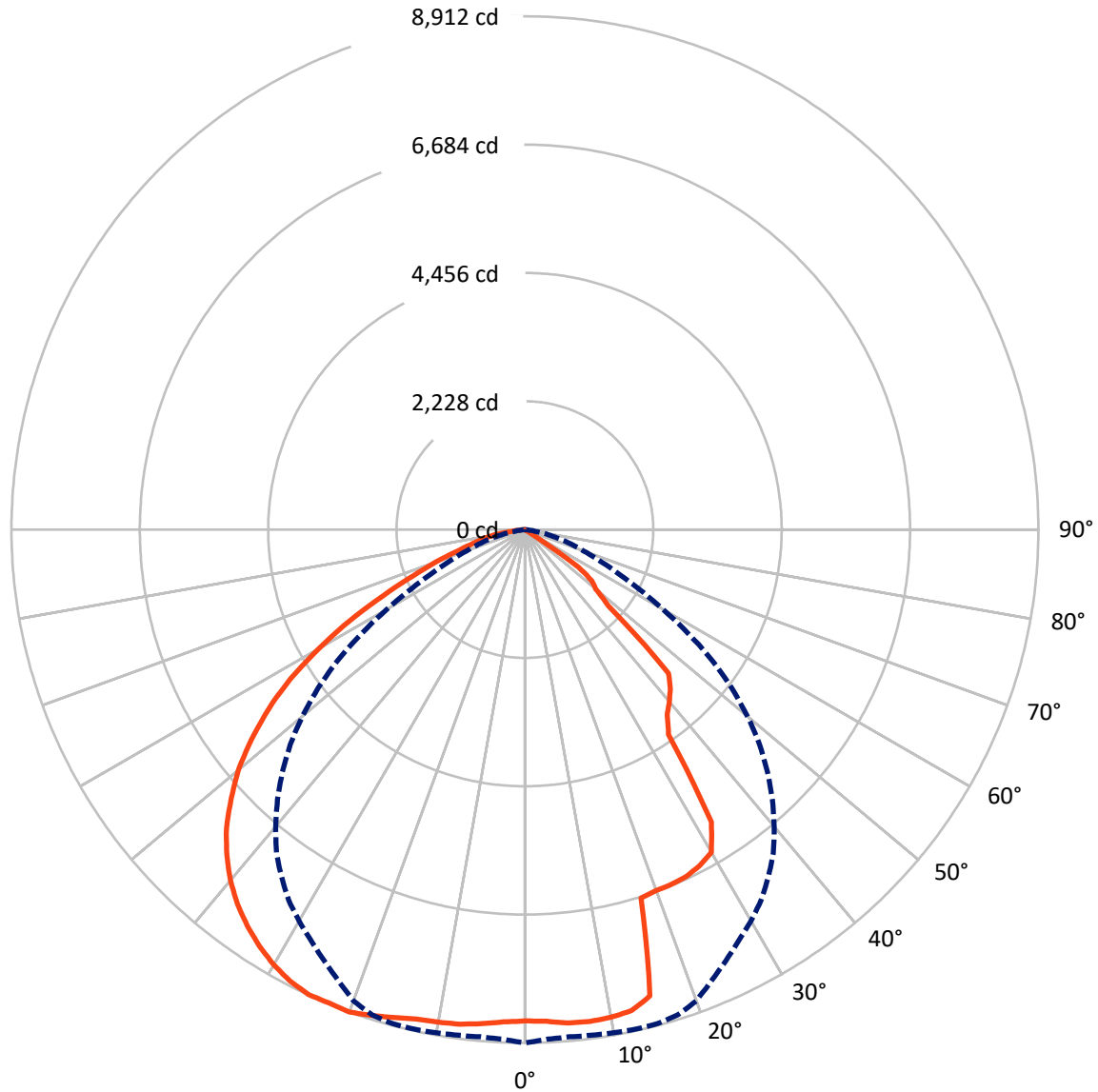
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Lumen Table



REPORT NUMBER: P645557 (CONVERTED FROM TYPE C PHOTOMETRY)
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Luminous Intensity Polar Plot

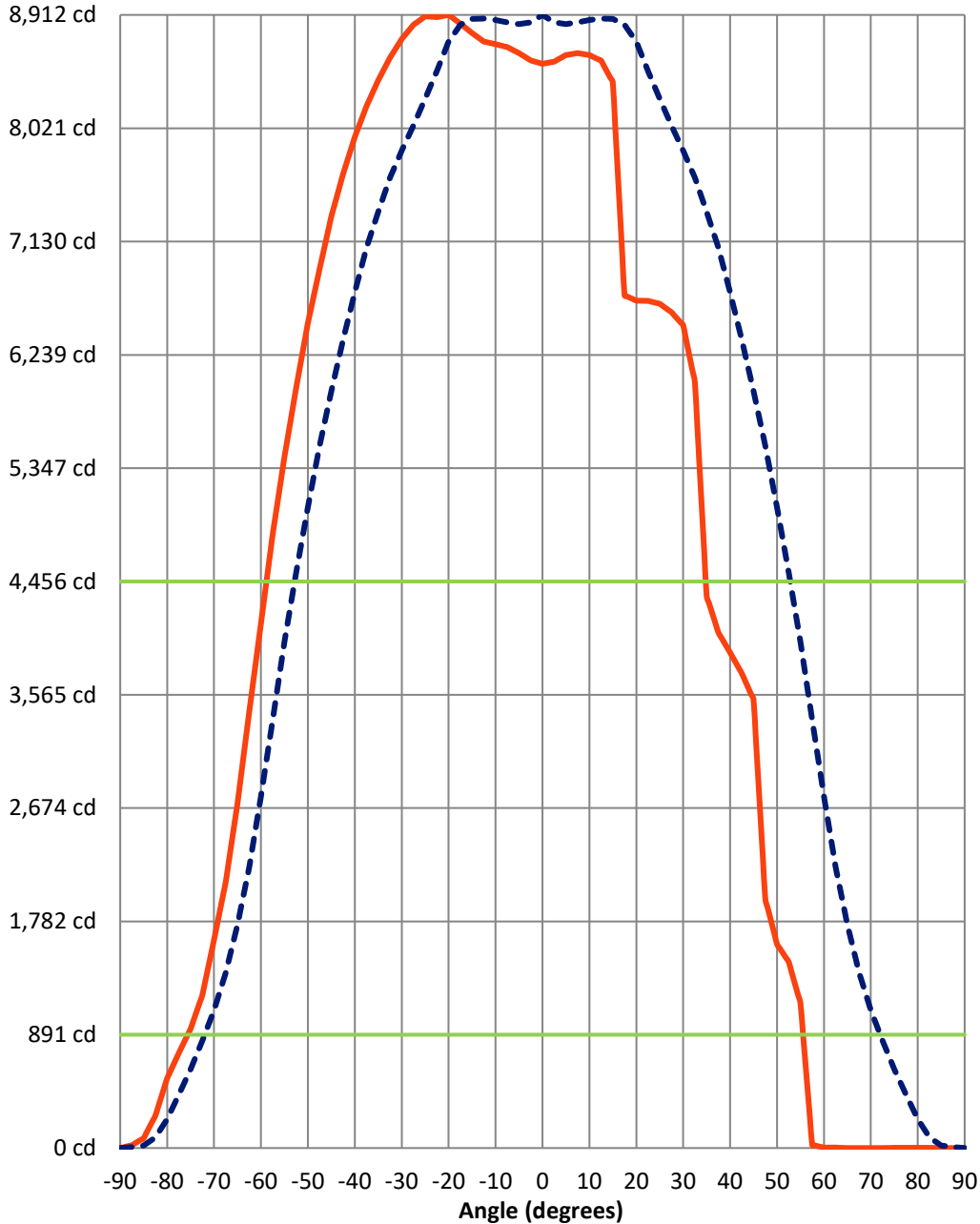


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through -20-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 16336.3
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 20482.3
 Efficiency: 98.0%

Spill:
 Lumens: 415
 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	0.2	0.3	0.5	0.7	0.8	1.0	1.0	1.0	0.9	0.8
85°	0.0	0.4	0.7	1.0	1.3	1.6	2.0	2.0	2.0	1.8	1.6
82.5°	0.0	0.6	1.0	1.5	2.0	2.5	2.9	3.0	2.9	2.4	1.9
80°	0.0	0.8	1.3	2.0	2.6	3.3	3.8	3.4	2.9	2.4	2.0
77.5°	0.0	1.0	1.7	2.5	3.3	3.8	3.8	3.4	2.9	2.5	2.0
75°	0.0	1.2	2.0	2.9	3.8	4.0	3.8	3.4	3.0	2.5	2.0
72.5°	0.0	1.4	2.3	3.4	4.0	4.1	3.9	3.5	3.0	2.6	2.1
70°	0.0	1.6	2.7	3.8	4.2	4.2	4.0	3.5	3.1	2.6	3.0
67.5°	0.0	1.8	3.0	4.0	4.4	4.4	4.5	3.6	3.2	4.2	4.3
65°	0.0	2.0	3.4	4.2	4.6	5.0	5.1	3.6	5.0	5.9	7.5
62.5°	0.0	2.2	3.7	4.4	4.8	6.3	6.0	5.1	7.0	10.4	16.6
60°	0.0	2.4	4.0	4.6	5.0	7.6	7.0	7.2	9.1	26.4	28.7
57.5°	0.0	2.6	4.3	4.8	6.4	9.1	13.0	10.1	25.8	44.9	52.1
55°	0.0	2.8	4.5	5.0	8.0	10.8	20.8	16.4	47.9	69.2	84.4
52.5°	0.0	3.0	4.7	5.2	9.7	13.8	29.8	41.7	72.0	108.7	122.4
50°	0.0	3.2	4.9	5.4	11.4	23.6	40.1	70.4	103.0	152.5	191.3
47.5°	0.0	3.4	5.1	5.9	13.3	34.1	54.0	100.5	148.4	200.8	261.6
45°	0.0	3.6	5.4	7.4	15.2	45.4	81.4	132.0	199.2	261.8	329.9
42.5°	0.0	3.7	5.6	8.8	17.1	57.4	109.5	172.0	250.9	321.2	408.6
40°	0.0	3.9	5.8	10.7	23.1	70.1	138.3	217.5	304.2	379.4	492.9
37.5°	0.0	4.1	6.1	13.0	33.0	83.4	167.6	263.1	360.1	449.4	580.9
35°	0.0	4.2	6.3	15.5	43.1	103.6	197.3	308.7	416.9	535.3	684.9
32.5°	0.0	4.4	6.6	18.3	53.3	127.1	229.6	354.1	474.4	621.7	811.4
30°	0.0	4.5	6.8	21.3	63.6	150.4	266.5	399.9	532.3	708.3	932.8
27.5°	0.0	4.7	7.1	24.5	76.3	173.4	302.6	447.6	596.0	794.8	1048.8
25°	0.0	4.8	7.3	27.9	89.3	196.0	337.9	494.9	667.9	889.2	1159.4
22.5°	0.0	4.9	7.6	31.4	102.3	219.1	372.2	541.3	738.3	983.7	1271.3
20°	0.0	5.1	7.8	35.1	115.1	243.8	405.3	586.8	807.0	1072.7	1380.6
17.5°	0.0	5.2	8.1	38.8	127.8	267.8	438.0	630.9	873.4	1156.3	1486.4
15°	0.0	5.3	8.3	42.5	140.1	290.8	469.5	672.0	937.3	1234.3	1588.0
12.5°	0.0	5.4	8.5	46.2	152.1	312.8	499.0	708.6	988.2	1306.5	1684.8
10°	0.0	5.5	8.7	49.8	163.5	333.5	526.3	742.3	1026.2	1349.9	1763.6
7.5°	0.0	5.5	8.9	53.4	174.2	352.9	551.4	773.0	1058.5	1383.4	1809.5
5°	0.0	5.6	9.1	56.7	184.3	370.8	574.2	800.7	1085.5	1410.4	1846.9
2.5°	0.0	5.7	9.3	59.9	193.5	387.1	594.6	825.3	1107.4	1431.2	1875.5
0°	0.0	5.7	9.5	62.8	201.7	401.5	612.7	846.7	1124.5	1446.0	1895.1
-2.5°	0.0	6.0	11.0	66.9	209.4	410.7	621.7	859.2	1130.7	1464.7	1907.9
-5°	0.0	6.3	12.5	70.6	215.9	417.9	628.2	868.3	1132.8	1476.8	1912.0
-7.5°	0.0	6.6	13.9	74.0	221.2	423.1	632.4	874.0	1131.2	1481.7	1907.7
-10°	0.0	6.9	15.3	76.9	225.3	426.4	634.3	876.1	1126.4	1478.8	1895.6
-12.5°	0.0	7.2	16.6	79.4	227.9	427.7	634.0	874.7	1118.6	1466.9	1874.8
-15°	0.0	7.4	17.8	81.4	229.2	427.1	631.5	869.5	1109.7	1443.7	1844.6
-17.5°	0.0	7.6	19.0	82.8	229.1	424.6	626.9	859.1	1098.9	1414.6	1805.3
-20°	0.0	7.8	20.0	83.6	227.4	420.0	619.7	844.1	1083.6	1380.0	1756.9

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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	8.0	21.0	83.9	224.2	413.6	609.3	826.1	1063.6	1340.0	1699.4
-25°	0.0	8.1	21.8	83.5	219.4	403.7	596.6	805.3	1038.9	1295.1	1632.7
-27.5°	0.0	8.2	22.5	82.5	213.1	391.3	581.4	781.6	1009.4	1251.5	1573.8
-30°	0.0	8.2	23.1	80.8	205.1	377.2	563.9	755.1	977.2	1214.7	1510.7
-32.5°	0.0	8.3	23.5	78.4	195.8	361.4	544.0	730.7	943.0	1172.2	1443.3
-35°	0.0	8.2	23.9	75.3	185.4	344.0	522.5	704.9	906.1	1123.9	1371.8
-37.5°	0.0	8.2	24.0	71.6	174.0	326.5	499.3	676.5	866.5	1070.0	1301.2
-40°	0.0	8.1	24.0	67.1	161.5	310.6	474.4	645.3	824.4	1019.1	1231.5
-42.5°	0.0	8.0	23.9	62.3	152.1	293.6	447.8	611.6	783.8	965.4	1156.4
-45°	0.0	7.8	23.6	57.4	145.7	275.6	419.5	576.7	742.1	908.0	1078.6
-47.5°	0.0	7.6	23.2	51.9	138.1	256.5	389.6	541.8	697.5	847.9	1011.3
-50°	0.0	7.4	22.6	50.0	129.3	236.3	364.5	505.1	648.2	792.7	940.8
-52.5°	0.0	7.1	21.9	49.0	119.5	215.2	339.5	466.8	601.1	735.8	868.5
-55°	0.0	6.8	21.0	47.5	108.5	199.3	313.5	428.0	553.8	677.4	804.3
-57.5°	0.0	6.5	20.0	45.4	96.6	183.1	286.5	397.3	504.8	621.4	738.7
-60°	0.0	6.1	18.9	42.8	84.0	165.4	259.1	363.2	455.8	564.9	673.2
-62.5°	0.0	5.7	17.7	39.8	78.0	146.3	234.1	326.2	410.5	506.7	609.0
-65°	0.0	5.3	16.4	36.3	71.2	125.9	207.3	287.8	362.5	448.4	543.3
-67.5°	0.0	4.9	15.1	32.4	63.7	108.8	178.8	249.7	312.0	387.5	472.4
-70°	0.0	4.4	13.7	28.1	55.4	95.2	148.8	210.6	266.7	323.9	396.9
-72.5°	0.0	3.9	12.1	24.7	46.4	80.6	125.9	170.8	220.6	271.2	322.3
-75°	0.0	3.4	10.5	21.5	37.0	65.1	102.9	137.6	173.6	217.8	262.4
-77.5°	0.0	2.8	8.9	18.1	30.5	48.9	78.8	106.4	135.1	166.1	201.5
-80°	0.0	2.3	7.2	14.6	24.7	37.2	53.8	74.6	96.7	120.8	146.6
-82.5°	0.0	1.7	5.4	11.1	18.6	28.1	39.5	47.9	57.8	74.7	93.0
-85°	0.0	1.2	3.6	7.4	12.5	18.9	26.5	32.0	37.7	43.6	49.8
-87.5°	0.0	0.6	1.8	3.7	6.3	9.5	13.3	16.0	18.9	21.8	24.9
-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°	0.9	0.9	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.5	1.5
85°	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
82.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
80°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
77.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
75°	1.9	1.9	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9
72.5°	2.2	2.4	2.4	2.1	1.9	1.9	1.9	1.9	1.9	1.9	1.9
70°	3.0	3.1	2.7	2.2	1.9	2.0	2.2	2.1	1.9	1.9	1.9
67.5°	3.7	3.2	2.8	2.6	2.6	2.9	2.8	2.3	1.9	1.9	2.0
65°	3.8	3.3	4.7	5.4	4.0	3.4	2.9	2.4	2.6	2.7	2.7
62.5°	5.7	7.1	9.1	16.1	12.0	3.5	6.3	7.4	5.4	4.5	4.8
60°	18.6	12.6	37.5	53.7	33.5	12.2	14.9	49.7	43.1	7.9	26.9
57.5°	39.1	53.6	98.7	100.5	69.5	47.9	139.5	161.2	122.0	71.2	108.9
55°	86.0	132.2	163.7	151.5	165.5	250.7	297.9	267.6	225.3	346.5	442.7
52.5°	168.0	215.2	225.8	259.3	371.2	426.5	408.7	437.0	566.8	703.9	733.6
50°	248.1	286.6	316.6	457.8	545.4	550.9	591.6	720.1	893.1	977.0	956.7
47.5°	325.4	365.3	505.2	640.9	680.2	734.1	835.7	1083.8	1267.0	1270.6	1249.9
45°	407.2	513.8	692.4	780.9	844.6	948.8	1194.3	1536.4	1554.2	1603.9	1909.7
42.5°	494.7	681.5	837.3	929.3	1032.3	1226.8	1554.3	1778.8	1856.0	2073.6	2319.5
40°	636.4	843.5	979.6	1097.2	1229.7	1513.4	1872.1	2082.4	2145.2	2333.6	2518.4
37.5°	780.2	978.7	1131.2	1273.2	1456.8	1839.7	2254.7	2428.2	2460.0	2494.4	2904.0
35°	918.7	1117.5	1300.0	1485.7	1710.9	2262.1	2624.9	2788.0	2783.0	3015.5	3444.4
32.5°	1048.2	1259.2	1474.7	1723.1	2094.8	2659.4	3022.3	3120.0	3268.1	3606.5	4191.9
30°	1177.4	1417.4	1664.9	1960.7	2431.6	2921.0	3335.3	3492.4	3746.2	4132.4	4558.5
27.5°	1310.6	1579.6	1878.8	2225.6	2697.4	3147.3	3501.1	3876.5	4123.1	4469.2	4772.3
25°	1443.2	1751.3	2090.1	2457.1	2887.4	3306.7	3672.7	4106.2	4371.0	4650.0	4932.8
22.5°	1582.3	1925.4	2308.0	2640.5	3047.6	3442.2	3877.9	4348.2	4692.4	4869.7	5059.6
20°	1727.7	2113.7	2521.8	2890.2	3205.7	3568.1	4084.0	4655.3	5099.7	5299.2	5325.3
17.5°	1871.0	2296.2	2734.9	3133.8	3474.0	3796.6	4300.3	5023.3	5575.9	5761.4	5843.9
15°	2010.8	2471.7	2947.0	3370.8	3744.4	4138.8	4676.7	5411.9	6043.7	6248.9	6378.8
12.5°	2145.6	2639.1	3155.5	3600.0	4014.9	4457.4	5018.5	5691.5	6268.2	6665.2	6903.4
10°	2274.2	2797.2	3357.9	3820.0	4282.3	4752.8	5301.3	5899.8	6369.2	6752.2	7090.3
7.5°	2339.0	2900.4	3531.8	4029.4	4543.1	5025.9	5532.9	6046.6	6442.0	6817.6	7144.5
5°	2383.0	2942.9	3586.2	4102.3	4681.6	5208.0	5700.3	6143.1	6489.5	6861.8	7181.1
2.5°	2414.5	2970.3	3622.9	4142.3	4733.6	5264.0	5748.6	6175.3	6528.7	6893.4	7220.4
0°	2433.5	2983.4	3641.7	4166.9	4766.2	5300.9	5776.6	6187.5	6554.7	6908.6	7260.6
-2.5°	2444.2	3023.3	3654.2	4230.0	4797.7	5332.6	5815.8	6216.9	6600.6	6937.4	7290.3
-5°	2442.9	3047.1	3650.9	4272.5	4812.8	5345.0	5835.4	6230.2	6625.6	6958.9	7302.3
-7.5°	2429.7	3052.6	3634.4	4285.8	4813.4	5340.8	5826.7	6236.6	6625.2	6978.7	7303.5
-10°	2406.0	3031.1	3619.2	4251.4	4795.0	5319.2	5800.4	6222.6	6609.7	6974.8	7297.2
-12.5°	2378.1	2986.6	3587.5	4201.9	4757.4	5278.7	5760.5	6186.9	6580.7	6944.9	7282.6
-15°	2336.3	2927.4	3535.4	4139.0	4700.3	5219.8	5708.7	6128.8	6536.1	6892.7	7239.5
-17.5°	2280.0	2854.1	3462.0	4064.3	4623.4	5143.1	5642.1	6052.0	6457.4	6825.8	7160.5
-20°	2209.2	2767.2	3366.8	3979.5	4525.7	5039.9	5523.4	5952.7	6355.4	6730.2	7081.8

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA6B-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°	2123.5	2667.3	3252.0	3865.0	4403.8	4912.2	5390.0	5826.1	6243.4	6605.9	6980.6
-25°	2037.7	2561.8	3125.2	3706.6	4262.3	4768.5	5247.7	5672.6	6099.1	6476.1	6832.0
-27.5°	1955.5	2439.3	2978.0	3532.1	4101.8	4605.7	5080.5	5505.8	5919.8	6332.1	6674.7
-30°	1863.2	2297.6	2816.6	3346.0	3901.3	4414.3	4892.7	5333.9	5727.9	6135.0	6502.9
-32.5°	1761.4	2147.3	2646.2	3155.4	3679.1	4203.4	4677.4	5115.6	5525.5	5910.5	6296.8
-35°	1661.9	2026.0	2465.6	2950.8	3443.6	3958.0	4432.3	4866.4	5291.7	5673.1	6042.2
-37.5°	1572.3	1894.6	2273.7	2737.1	3208.1	3694.6	4177.0	4597.2	5002.0	5421.3	5781.2
-40°	1475.4	1753.4	2107.4	2517.1	2960.9	3423.6	3885.5	4320.2	4700.7	5115.1	5511.0
-42.5°	1374.0	1638.5	1943.4	2284.1	2703.1	3139.4	3585.2	4010.4	4405.6	4796.5	5188.8
-45°	1285.1	1516.8	1776.6	2087.9	2429.0	2839.3	3261.4	3685.3	4064.5	4437.1	4824.5
-47.5°	1190.6	1394.5	1634.7	1883.4	2179.9	2522.9	2919.9	3310.8	3699.0	4053.5	4396.4
-50°	1096.5	1284.4	1481.8	1705.6	1950.4	2228.4	2558.1	2921.5	3276.2	3640.1	3979.6
-52.5°	1015.4	1168.6	1346.9	1533.8	1743.3	1973.4	2237.5	2536.0	2858.5	3167.4	3506.1
-55°	931.2	1069.4	1213.3	1377.7	1552.1	1746.3	1962.8	2213.7	2459.7	2745.4	3022.0
-57.5°	854.5	971.0	1093.7	1229.5	1380.9	1536.3	1725.6	1920.8	2144.0	2366.0	2585.1
-60°	782.1	877.3	981.4	1096.4	1218.1	1356.4	1497.7	1665.3	1845.1	2022.3	2208.1
-62.5°	709.1	789.2	874.1	969.6	1075.7	1180.2	1300.8	1429.9	1562.3	1712.5	1859.0
-65°	634.1	698.8	770.8	850.0	934.7	1023.7	1116.3	1212.0	1324.5	1434.6	1541.1
-67.5°	554.4	609.8	668.0	730.4	801.4	871.3	941.1	1021.8	1104.7	1186.2	1270.7
-70°	466.1	518.4	566.9	617.5	670.2	725.0	784.6	843.9	902.3	963.3	1031.1
-72.5°	376.3	424.4	467.1	504.4	547.8	593.3	636.9	678.4	722.5	768.8	814.7
-75°	300.1	331.9	370.0	404.9	439.3	471.4	500.1	535.4	572.2	605.8	633.5
-77.5°	234.3	263.1	289.2	312.6	340.0	372.1	400.1	424.1	447.5	473.0	500.0
-80°	170.4	194.4	218.2	239.8	255.6	273.7	295.2	319.7	341.0	358.3	374.1
-82.5°	110.1	127.4	145.0	163.0	170.3	175.3	180.0	188.5	201.7	214.7	227.2
-85°	54.9	59.9	70.7	81.7	85.5	88.2	90.1	91.1	95.5	99.6	103.2
-87.5°	27.5	30.0	32.5	34.9	33.6	31.9	29.6	27.0	26.3	25.5	24.5
-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: P645557 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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°	1.6	1.6	1.6	1.7	1.7	1.3	0.9	0.5	0.0	0.0	0.0
85°	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.4	0.9
82.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
80°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
77.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
75°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
72.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
70°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
67.5°	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.7	1.2
65°	2.7	2.6	2.7	2.6	2.3	2.3	2.4	2.3	2.1	1.7	1.1
62.5°	4.8	5.4	4.2	4.2	4.1	4.0	3.8	3.6	3.4	3.2	3.3
60°	29.8	17.6	10.3	12.0	10.8	7.2	9.1	10.7	10.8	9.9	8.7
57.5°	165.4	123.5	91.4	218.3	219.0	104.5	125.9	197.9	163.0	53.5	49.7
55°	460.1	550.2	724.2	687.9	699.1	804.0	878.0	777.3	762.0	812.0	938.0
52.5°	826.5	912.5	971.0	1025.7	1092.4	1164.1	1237.8	1284.8	1328.7	1375.4	1403.2
50°	1055.5	1176.7	1259.9	1229.3	1401.7	1472.2	1400.6	1464.7	1542.8	1564.1	1574.2
47.5°	1558.6	1736.3	1771.5	1886.0	1988.9	1986.7	1899.4	1904.4	2136.9	2341.9	2442.6
45°	2239.9	2245.9	2357.7	2559.8	2704.3	2658.8	2780.8	3058.0	3150.3	3239.5	3312.7
42.5°	2505.3	2615.3	2793.6	2972.3	3080.0	3173.5	3263.8	3365.7	3485.5	3582.7	3660.4
40°	2762.3	2850.9	3033.5	3177.4	3266.7	3353.9	3459.1	3572.0	3681.6	3767.1	3825.4
37.5°	3157.9	3226.6	3271.0	3404.7	3573.4	3495.6	3695.2	3838.3	3903.7	3990.4	3998.2
35°	3756.3	3710.6	3651.4	4183.4	4215.2	4035.5	4222.2	4444.1	4327.2	4570.8	4701.7
32.5°	4286.9	4280.1	4744.3	5024.0	4863.1	4994.5	5424.8	5405.7	5692.6	5825.7	5787.7
30°	4786.7	4957.3	5225.8	5434.0	5461.9	5669.0	5860.2	6027.6	6200.8	6356.0	6366.6
27.5°	5040.5	5263.0	5445.3	5565.8	5700.3	5874.5	6048.0	6236.5	6383.8	6481.1	6504.9
25°	5194.0	5421.4	5559.3	5689.1	5837.5	5987.9	6182.1	6387.4	6505.7	6565.7	6584.9
22.5°	5329.3	5533.6	5682.0	5787.3	5947.0	6108.8	6289.8	6463.6	6592.2	6618.3	6627.9
20°	5459.6	5655.8	5903.7	6058.6	6050.9	6233.1	6407.6	6545.9	6653.0	6652.4	6654.9
17.5°	5836.4	5906.4	6356.2	6697.6	6528.6	6439.4	6919.2	6928.2	6956.7	6900.1	6777.3
15°	6394.3	6521.9	7074.4	7444.5	7328.0	7321.9	8014.8	7843.0	7990.8	7952.2	8118.6
12.5°	6985.3	7136.3	7549.2	7912.7	8085.8	8128.4	8359.9	8576.8	8621.3	8603.7	8571.0
10°	7387.9	7603.1	7768.9	7989.5	8164.2	8342.4	8476.4	8632.2	8683.2	8653.7	8612.0
7.5°	7440.3	7653.0	7847.7	8041.3	8207.6	8351.2	8490.3	8617.1	8669.0	8651.9	8623.3
5°	7473.7	7666.3	7855.1	8051.5	8210.5	8343.5	8482.2	8610.6	8641.3	8620.6	8592.7
2.5°	7494.3	7672.5	7854.4	8050.1	8194.5	8321.1	8461.5	8598.5	8598.3	8589.3	8572.9
0°	7504.2	7683.0	7894.2	8071.2	8232.9	8352.8	8491.7	8624.9	8615.4	8590.6	8562.1
-2.5°	7525.5	7706.8	7922.3	8069.0	8251.3	8361.1	8504.7	8620.0	8615.5	8603.4	8589.2
-5°	7544.6	7748.4	7950.1	8104.3	8287.1	8430.6	8573.3	8663.5	8668.3	8651.4	8627.6
-7.5°	7556.2	7782.2	7974.6	8129.5	8306.7	8473.7	8618.4	8713.0	8715.1	8692.6	8664.1
-10°	7552.4	7790.9	7988.9	8149.0	8330.5	8495.4	8646.7	8766.7	8762.8	8741.4	8717.1
-12.5°	7538.1	7776.4	7979.7	8140.3	8346.4	8516.1	8686.4	8805.7	8812.1	8796.0	8769.7
-15°	7506.8	7752.7	7950.5	8125.9	8327.9	8526.3	8701.3	8832.9	8856.4	8843.2	8822.5
-17.5°	7444.8	7704.4	7914.1	8103.1	8296.9	8508.4	8707.3	8851.3	8883.4	8878.2	8861.0
-20°	7363.4	7631.2	7844.2	8042.2	8253.2	8471.0	8702.5	8834.1	8880.7	8883.6	8872.0



REPORT NUMBER: P645557 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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°	7272.0	7534.2	7760.1	7954.8	8183.6	8404.1	8613.7	8767.9	8846.2	8860.7	8861.7
-25°	7162.4	7431.9	7656.3	7863.6	8076.4	8304.2	8516.0	8688.0	8767.4	8805.3	8817.1
-27.5°	7007.6	7286.1	7507.0	7726.1	7942.6	8177.8	8400.4	8587.5	8652.1	8704.2	8725.1
-30°	6826.2	7101.6	7326.8	7527.1	7774.8	8014.6	8244.4	8407.7	8505.0	8564.7	8597.2
-32.5°	6617.7	6895.7	7132.0	7341.2	7576.6	7816.4	8032.6	8204.7	8339.0	8407.8	8442.6
-35°	6391.5	6675.3	6922.8	7143.1	7364.7	7593.3	7817.3	7997.4	8150.3	8209.4	8253.1
-37.5°	6118.7	6431.8	6685.5	6912.7	7123.4	7338.3	7571.5	7777.4	7925.9	7983.3	8029.3
-40°	5839.0	6141.6	6397.5	6639.8	6848.1	7082.7	7307.4	7523.2	7652.1	7718.9	7771.0
-42.5°	5543.7	5817.1	6060.4	6295.9	6527.7	6769.3	6993.8	7218.1	7329.5	7410.1	7474.0
-45°	5202.8	5457.2	5693.7	5914.0	6153.0	6390.5	6615.1	6813.3	6945.9	7050.9	7132.5
-47.5°	4748.3	5058.2	5295.6	5505.2	5742.2	5971.3	6188.9	6375.3	6520.8	6643.5	6738.4
-50°	4286.7	4584.2	4851.9	5087.3	5307.2	5519.1	5726.3	5908.6	6062.6	6195.6	6291.7
-52.5°	3832.2	4110.8	4376.5	4619.6	4830.9	5030.9	5220.5	5403.9	5566.3	5708.5	5801.4
-55°	3318.5	3607.2	3870.0	4096.7	4307.9	4505.6	4692.8	4866.7	5026.5	5171.3	5260.4
-57.5°	2836.7	3089.9	3334.5	3543.7	3743.0	3931.3	4108.8	4275.3	4429.1	4565.5	4651.3
-60°	2393.8	2578.5	2788.9	2982.1	3158.8	3319.0	3484.6	3639.9	3781.1	3901.0	3981.0
-62.5°	2002.3	2155.3	2307.3	2454.2	2597.5	2741.5	2880.1	3008.9	3126.9	3225.1	3295.2
-65°	1653.5	1776.5	1886.4	1990.5	2089.7	2203.3	2308.7	2407.9	2499.7	2575.0	2628.3
-67.5°	1361.6	1448.0	1524.0	1595.4	1673.7	1753.9	1829.1	1894.7	1950.7	1995.4	2030.6
-70°	1098.0	1161.6	1218.9	1275.9	1333.0	1385.2	1434.9	1483.1	1528.9	1566.2	1594.2
-72.5°	859.9	903.3	942.3	986.2	1027.3	1066.9	1101.4	1129.2	1150.7	1171.8	1190.1
-75°	655.5	688.2	732.2	769.3	800.1	827.2	852.2	874.3	893.8	911.1	926.3
-77.5°	527.2	555.0	583.0	610.1	636.4	655.9	674.0	692.1	709.9	725.2	738.7
-80°	390.8	411.5	433.1	454.8	476.5	487.3	495.9	503.9	510.9	520.1	528.6
-82.5°	238.9	250.7	262.7	274.9	287.0	290.1	291.1	290.8	289.2	285.9	280.9
-85°	106.3	107.0	106.6	105.4	103.4	99.2	94.0	88.1	81.4	80.3	79.1
-87.5°	23.4	22.8	22.2	21.5	20.7	20.6	20.5	20.4	20.2	20.9	21.5
-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: P645557 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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	0.5
85°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.9	1.4	1.8	1.8
82.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
80°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
77.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
75°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
72.5°	1.9	1.9	1.0	0.0	1.0	1.9	1.9	1.9	1.9	1.9	1.9
70°	1.9	1.9	1.0	0.0	1.0	1.9	1.9	1.9	1.9	1.9	1.9
67.5°	0.7	0.1	0.0	0.0	0.0	0.1	0.7	1.2	1.7	1.9	1.9
65°	0.6	0.1	0.0	0.0	0.0	0.1	0.6	1.1	1.7	2.1	2.3
62.5°	3.5	3.6	3.8	3.8	3.8	3.6	3.5	3.3	3.2	3.4	3.6
60°	6.9	4.5	3.8	3.8	3.8	4.5	6.9	8.7	9.9	10.8	10.7
57.5°	42.0	31.3	26.6	24.7	26.6	31.3	42.0	49.7	53.5	163.0	197.9
55°	1028.3	1080.6	1119.7	1137.8	1119.7	1080.6	1028.3	938.0	812.0	762.0	777.3
52.5°	1427.7	1450.5	1463.6	1463.2	1463.6	1450.5	1427.7	1403.2	1375.4	1328.7	1284.8
50°	1591.4	1602.5	1606.4	1604.0	1606.4	1602.5	1591.4	1574.2	1564.1	1542.8	1464.7
47.5°	2350.6	2147.2	1997.6	1961.7	1997.6	2147.2	2350.6	2442.6	2341.9	2136.9	1904.4
45°	3347.8	3424.9	3501.8	3525.7	3501.8	3424.9	3347.8	3312.7	3239.5	3150.3	3058.0
42.5°	3693.1	3718.3	3732.5	3733.1	3732.5	3718.3	3693.1	3660.4	3582.7	3485.5	3365.7
40°	3857.9	3881.6	3895.4	3896.7	3895.4	3881.6	3857.9	3825.4	3767.1	3681.6	3572.0
37.5°	4007.7	4027.8	4041.1	4054.6	4041.1	4027.8	4007.7	3998.2	3990.4	3903.7	3838.3
35°	4684.0	4530.8	4310.5	4343.8	4310.5	4530.8	4684.0	4701.7	4570.8	4327.2	4444.1
32.5°	5847.0	5911.4	5951.6	6020.1	5951.6	5911.4	5847.0	5787.7	5825.7	5692.6	5405.7
30°	6383.6	6404.9	6437.1	6471.0	6437.1	6404.9	6383.6	6366.6	6356.0	6200.8	6027.6
27.5°	6517.5	6539.5	6559.2	6573.8	6559.2	6539.5	6517.5	6504.9	6481.1	6383.8	6236.5
25°	6587.6	6601.3	6622.2	6640.4	6622.2	6601.3	6587.6	6584.9	6565.7	6505.7	6387.4
22.5°	6622.4	6623.8	6640.1	6663.2	6640.1	6623.8	6622.4	6627.9	6618.3	6592.2	6463.6
20°	6646.3	6633.3	6650.2	6665.1	6650.2	6633.3	6646.3	6654.9	6652.4	6653.0	6545.9
17.5°	6950.5	6776.9	6705.6	6707.0	6705.6	6776.9	6950.5	6777.3	6900.1	6956.7	6928.2
15°	7931.7	7996.9	8246.5	8381.3	8246.5	7996.9	7931.7	8118.6	7952.2	7990.8	7843.0
12.5°	8565.0	8541.8	8512.2	8552.6	8512.2	8541.8	8565.0	8571.0	8603.7	8621.3	8576.8
10°	8594.3	8591.6	8538.8	8596.3	8538.8	8591.6	8594.3	8612.0	8653.7	8683.2	8632.2
7.5°	8576.3	8577.9	8555.5	8611.6	8555.5	8577.9	8576.3	8623.3	8651.9	8669.0	8617.1
5°	8588.2	8549.6	8564.2	8596.3	8564.2	8549.6	8588.2	8592.7	8620.6	8641.3	8610.6
2.5°	8555.0	8551.0	8522.4	8545.0	8522.4	8551.0	8555.0	8572.9	8589.3	8598.3	8598.5
0°	8529.7	8508.8	8508.8	8527.8	8508.8	8508.8	8529.7	8562.1	8590.6	8615.4	8624.9
-2.5°	8574.7	8570.4	8567.6	8554.5	8567.6	8570.4	8574.7	8589.2	8603.4	8615.5	8620.0
-5°	8611.7	8600.4	8569.3	8611.6	8569.3	8600.4	8611.7	8627.6	8651.4	8668.3	8663.5
-7.5°	8651.5	8622.6	8593.0	8659.1	8593.0	8622.6	8651.5	8664.1	8692.6	8715.1	8713.0
-10°	8687.9	8646.1	8617.3	8681.9	8617.3	8646.1	8687.9	8717.1	8741.4	8762.8	8766.7
-12.5°	8735.9	8687.1	8667.8	8702.9	8667.8	8687.1	8735.9	8769.7	8796.0	8812.1	8805.7
-15°	8787.1	8753.3	8748.8	8769.5	8748.8	8753.3	8787.1	8822.5	8843.2	8856.4	8832.9
-17.5°	8832.1	8808.4	8820.2	8843.7	8820.2	8808.4	8832.1	8861.0	8878.2	8883.4	8851.3
-20°	8853.6	8840.4	8853.5	8912.2	8853.5	8840.4	8853.6	8872.0	8883.6	8880.7	8834.1



REPORT NUMBER: P645557 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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°	8851.8	8852.6	8875.9	8895.1	8875.9	8852.6	8851.8	8861.7	8860.7	8846.2	8767.9
-25°	8818.0	8835.8	8862.5	8900.8	8862.5	8835.8	8818.0	8817.1	8805.3	8767.4	8688.0
-27.5°	8736.5	8766.1	8794.0	8834.2	8794.0	8766.1	8736.5	8725.1	8704.2	8652.1	8587.5
-30°	8618.7	8653.9	8678.9	8721.9	8678.9	8653.9	8618.7	8597.2	8564.7	8505.0	8407.7
-32.5°	8475.4	8515.2	8544.7	8575.4	8544.7	8515.2	8475.4	8442.6	8407.8	8339.0	8204.7
-35°	8296.3	8339.1	8370.4	8398.4	8370.4	8339.1	8296.3	8253.1	8209.4	8150.3	7997.4
-37.5°	8081.0	8127.2	8162.8	8194.9	8162.8	8127.2	8081.0	8029.3	7983.3	7925.9	7777.4
-40°	7830.2	7877.6	7915.6	7951.3	7915.6	7877.6	7830.2	7771.0	7718.9	7652.1	7523.2
-42.5°	7536.9	7584.8	7624.1	7660.2	7624.1	7584.8	7536.9	7474.0	7410.1	7329.5	7218.1
-45°	7198.3	7247.6	7289.1	7327.2	7289.1	7247.6	7198.3	7132.5	7050.9	6945.9	6813.3
-47.5°	6808.3	6861.0	6896.5	6914.4	6896.5	6861.0	6808.3	6738.4	6643.5	6520.8	6375.3
-50°	6361.3	6413.9	6456.7	6488.2	6456.7	6413.9	6361.3	6291.7	6195.6	6062.6	5908.6
-52.5°	5869.3	5919.3	5956.0	5978.2	5956.0	5919.3	5869.3	5801.4	5708.5	5566.3	5403.9
-55°	5330.5	5383.0	5417.8	5434.1	5417.8	5383.0	5330.5	5260.4	5171.3	5026.5	4866.7
-57.5°	4719.4	4769.2	4806.2	4827.1	4806.2	4769.2	4719.4	4651.3	4565.5	4429.1	4275.3
-60°	4043.3	4087.9	4115.9	4126.9	4115.9	4087.9	4043.3	3981.0	3901.0	3781.1	3639.9
-62.5°	3351.8	3394.0	3420.3	3430.5	3420.3	3394.0	3351.8	3295.2	3225.1	3126.9	3008.9
-65°	2668.1	2694.6	2709.2	2711.3	2709.2	2694.6	2668.1	2628.3	2575.0	2499.7	2407.9
-67.5°	2058.4	2078.6	2090.8	2094.9	2090.8	2078.6	2058.4	2030.6	1995.4	1950.7	1894.7
-70°	1615.1	1629.0	1636.8	1638.2	1636.8	1629.0	1615.1	1594.2	1566.2	1528.9	1483.1
-72.5°	1204.2	1214.1	1210.6	1202.5	1210.6	1214.1	1204.2	1190.1	1171.8	1150.7	1129.2
-75°	939.4	950.3	945.7	938.0	945.7	950.3	939.4	926.3	911.1	893.8	874.3
-77.5°	750.5	760.4	755.5	747.8	755.5	760.4	750.5	738.7	725.2	709.9	692.1
-80°	535.9	541.8	545.9	548.0	545.9	541.8	535.9	528.6	520.1	510.9	503.9
-82.5°	274.3	266.3	261.2	255.0	261.2	266.3	274.3	280.9	285.9	289.2	290.8
-85°	77.5	75.7	76.9	78.0	76.9	75.7	77.5	79.1	80.3	81.4	88.1
-87.5°	22.1	22.7	22.8	22.8	22.8	22.7	22.1	21.5	20.9	20.2	20.4
-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: P645557 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6B-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°	0.9	1.3	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.3
85°	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
82.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
80°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
77.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
75°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
72.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
70°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.1
67.5°	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	1.9	1.9	2.3
65°	2.4	2.3	2.3	2.6	2.7	2.6	2.7	2.7	2.7	2.6	2.4
62.5°	3.8	4.0	4.1	4.2	4.2	5.4	4.8	4.8	4.5	5.4	7.4
60°	9.1	7.2	10.8	12.0	10.3	17.6	29.8	26.9	7.9	43.1	49.7
57.5°	125.9	104.5	219.0	218.3	91.4	123.5	165.4	108.9	71.2	122.0	161.2
55°	878.0	804.0	699.1	687.9	724.2	550.2	460.1	442.7	346.5	225.3	267.6
52.5°	1237.8	1164.1	1092.4	1025.7	971.0	912.5	826.5	733.6	703.9	566.8	437.0
50°	1400.6	1472.2	1401.7	1229.3	1259.9	1176.7	1055.5	956.7	977.0	893.1	720.1
47.5°	1899.4	1986.7	1988.9	1886.0	1771.5	1736.3	1558.6	1249.9	1270.6	1267.0	1083.8
45°	2780.8	2658.8	2704.3	2559.8	2357.7	2245.9	2239.9	1909.7	1603.9	1554.2	1536.4
42.5°	3263.8	3173.5	3080.0	2972.3	2793.6	2615.3	2505.3	2319.5	2073.6	1856.0	1778.8
40°	3459.1	3353.9	3266.7	3177.4	3033.5	2850.9	2762.3	2518.4	2333.6	2145.2	2082.4
37.5°	3695.2	3495.6	3573.4	3404.7	3271.0	3226.6	3157.9	2904.0	2494.4	2460.0	2428.2
35°	4222.2	4035.5	4215.2	4183.4	3651.4	3710.6	3756.3	3444.4	3015.5	2783.0	2788.0
32.5°	5424.8	4994.5	4863.1	5024.0	4744.3	4280.1	4286.9	4191.9	3606.5	3268.1	3120.0
30°	5860.2	5669.0	5461.9	5434.0	5225.8	4957.3	4786.7	4558.5	4132.4	3746.2	3492.4
27.5°	6048.0	5874.5	5700.3	5565.8	5445.3	5263.0	5040.5	4772.3	4469.2	4123.1	3876.5
25°	6182.1	5987.9	5837.5	5689.1	5559.3	5421.4	5194.0	4932.8	4650.0	4371.0	4106.2
22.5°	6289.8	6108.8	5947.0	5787.3	5682.0	5533.6	5329.3	5059.6	4869.7	4692.4	4348.2
20°	6407.6	6233.1	6050.9	6058.6	5903.7	5655.8	5459.6	5325.3	5299.2	5099.7	4655.3
17.5°	6919.2	6439.4	6528.6	6697.6	6356.2	5906.4	5836.4	5843.9	5761.4	5575.9	5023.3
15°	8014.8	7321.9	7328.0	7444.5	7074.4	6521.9	6394.3	6378.8	6248.9	6043.7	5411.9
12.5°	8359.9	8128.4	8085.8	7912.7	7549.2	7136.3	6985.3	6903.4	6665.2	6268.2	5691.5
10°	8476.4	8342.4	8164.2	7989.5	7768.9	7603.1	7387.9	7090.3	6752.2	6369.2	5899.8
7.5°	8490.3	8351.2	8207.6	8041.3	7847.7	7653.0	7440.3	7144.5	6817.6	6442.0	6046.6
5°	8482.2	8343.5	8210.5	8051.5	7855.1	7666.3	7473.7	7181.1	6861.8	6489.5	6143.1
2.5°	8461.5	8321.1	8194.5	8050.1	7854.4	7672.5	7494.3	7220.4	6893.4	6528.7	6175.3
0°	8491.7	8352.8	8232.9	8071.2	7894.2	7683.0	7504.2	7260.6	6908.6	6554.7	6187.5
-2.5°	8504.7	8361.1	8251.3	8069.0	7922.3	7706.8	7525.5	7290.3	6937.4	6600.6	6216.9
-5°	8573.3	8430.6	8287.1	8104.3	7950.1	7748.4	7544.6	7302.3	6958.9	6625.6	6230.2
-7.5°	8618.4	8473.7	8306.7	8129.5	7974.6	7782.2	7556.2	7303.5	6978.7	6625.2	6236.6
-10°	8646.7	8495.4	8330.5	8149.0	7988.9	7790.9	7552.4	7297.2	6974.8	6609.7	6222.6
-12.5°	8686.4	8516.1	8346.4	8140.3	7979.7	7776.4	7538.1	7282.6	6944.9	6580.7	6186.9
-15°	8701.3	8526.3	8327.9	8125.9	7950.5	7752.7	7506.8	7239.5	6892.7	6536.1	6128.8
-17.5°	8707.3	8508.4	8296.9	8103.1	7914.1	7704.4	7444.8	7160.5	6825.8	6457.4	6052.0
-20°	8702.5	8471.0	8253.2	8042.2	7844.2	7631.2	7363.4	7081.8	6730.2	6355.4	5952.7

Classified

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

Scaled Data Report



REPORT NUMBER: P645557 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6B-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°	8613.7	8404.1	8183.6	7954.8	7760.1	7534.2	7272.0	6980.6	6605.9	6243.4	5826.1
-25°	8516.0	8304.2	8076.4	7863.6	7656.3	7431.9	7162.4	6832.0	6476.1	6099.1	5672.6
-27.5°	8400.4	8177.8	7942.6	7726.1	7507.0	7286.1	7007.6	6674.7	6332.1	5919.8	5505.8
-30°	8244.4	8014.6	7774.8	7527.1	7326.8	7101.6	6826.2	6502.9	6135.0	5727.9	5333.9
-32.5°	8032.6	7816.4	7576.6	7341.2	7132.0	6895.7	6617.7	6296.8	5910.5	5525.5	5115.6
-35°	7817.3	7593.3	7364.7	7143.1	6922.8	6675.3	6391.5	6042.2	5673.1	5291.7	4866.4
-37.5°	7571.5	7338.3	7123.4	6912.7	6685.5	6431.8	6118.7	5781.2	5421.3	5002.0	4597.2
-40°	7307.4	7082.7	6848.1	6639.8	6397.5	6141.6	5839.0	5511.0	5115.1	4700.7	4320.2
-42.5°	6993.8	6769.3	6527.7	6295.9	6060.4	5817.1	5543.7	5188.8	4796.5	4405.6	4010.4
-45°	6615.1	6390.5	6153.0	5914.0	5693.7	5457.2	5202.8	4824.5	4437.1	4064.5	3685.3
-47.5°	6188.9	5971.3	5742.2	5505.2	5295.6	5058.2	4748.3	4396.4	4053.5	3699.0	3310.8
-50°	5726.3	5519.1	5307.2	5087.3	4851.9	4584.2	4286.7	3979.6	3640.1	3276.2	2921.5
-52.5°	5220.5	5030.9	4830.9	4619.6	4376.5	4110.8	3832.2	3506.1	3167.4	2858.5	2536.0
-55°	4692.8	4505.6	4307.9	4096.7	3870.0	3607.2	3318.5	3022.0	2745.4	2459.7	2213.7
-57.5°	4108.8	3931.3	3743.0	3543.7	3334.5	3089.9	2836.7	2585.1	2366.0	2144.0	1920.8
-60°	3484.6	3319.0	3158.8	2982.1	2788.9	2578.5	2393.8	2208.1	2022.3	1845.1	1665.3
-62.5°	2880.1	2741.5	2597.5	2454.2	2307.3	2155.3	2002.3	1859.0	1712.5	1562.3	1429.9
-65°	2308.7	2203.3	2089.7	1990.5	1886.4	1776.5	1653.5	1541.1	1434.6	1324.5	1212.0
-67.5°	1829.1	1753.9	1673.7	1595.4	1524.0	1448.0	1361.6	1270.7	1186.2	1104.7	1021.8
-70°	1434.9	1385.2	1333.0	1275.9	1218.9	1161.6	1098.0	1031.1	963.3	902.3	843.9
-72.5°	1101.4	1066.9	1027.3	986.2	942.3	903.3	859.9	814.7	768.8	722.5	678.4
-75°	852.2	827.2	800.1	769.3	732.2	688.2	655.5	633.5	605.8	572.2	535.4
-77.5°	674.0	655.9	636.4	610.1	583.0	555.0	527.2	500.0	473.0	447.5	424.1
-80°	495.9	487.3	476.5	454.8	433.1	411.5	390.8	374.1	358.3	341.0	319.7
-82.5°	291.1	290.1	287.0	274.9	262.7	250.7	238.9	227.2	214.7	201.7	188.5
-85°	94.0	99.2	103.4	105.4	106.6	107.0	106.3	103.2	99.6	95.5	91.1
-87.5°	20.5	20.6	20.7	21.5	22.2	22.8	23.4	24.5	25.5	26.3	27.0
-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: P645557 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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°	1.3	1.2	1.2	1.1	1.0	0.9	0.9	0.8	0.9	1.0	1.0
85°	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.6	1.8	2.0	2.0
82.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.4	2.9	3.0
80°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.4	2.9	3.4
77.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.5	2.9	3.4
75°	1.9	1.9	1.9	2.0	2.0	1.9	1.9	2.0	2.5	3.0	3.4
72.5°	1.9	1.9	1.9	2.1	2.4	2.4	2.2	2.1	2.6	3.0	3.5
70°	2.2	2.0	1.9	2.2	2.7	3.1	3.0	3.0	2.6	3.1	3.5
67.5°	2.8	2.9	2.6	2.6	2.8	3.2	3.7	4.3	4.2	3.2	3.6
65°	2.9	3.4	4.0	5.4	4.7	3.3	3.8	7.5	5.9	5.0	3.6
62.5°	6.3	3.5	12.0	16.1	9.1	7.1	5.7	16.6	10.4	7.0	5.1
60°	14.9	12.2	33.5	53.7	37.5	12.6	18.6	28.7	26.4	9.1	7.2
57.5°	139.5	47.9	69.5	100.5	98.7	53.6	39.1	52.1	44.9	25.8	10.1
55°	297.9	250.7	165.5	151.5	163.7	132.2	86.0	84.4	69.2	47.9	16.4
52.5°	408.7	426.5	371.2	259.3	225.8	215.2	168.0	122.4	108.7	72.0	41.7
50°	591.6	550.9	545.4	457.8	316.6	286.6	248.1	191.3	152.5	103.0	70.4
47.5°	835.7	734.1	680.2	640.9	505.2	365.3	325.4	261.6	200.8	148.4	100.5
45°	1194.3	948.8	844.6	780.9	692.4	513.8	407.2	329.9	261.8	199.2	132.0
42.5°	1554.3	1226.8	1032.3	929.3	837.3	681.5	494.7	408.6	321.2	250.9	172.0
40°	1872.1	1513.4	1229.7	1097.2	979.6	843.5	636.4	492.9	379.4	304.2	217.5
37.5°	2254.7	1839.7	1456.8	1273.2	1131.2	978.7	780.2	580.9	449.4	360.1	263.1
35°	2624.9	2262.1	1710.9	1485.7	1300.0	1117.5	918.7	684.9	535.3	416.9	308.7
32.5°	3022.3	2659.4	2094.8	1723.1	1474.7	1259.2	1048.2	811.4	621.7	474.4	354.1
30°	3335.3	2921.0	2431.6	1960.7	1664.9	1417.4	1177.4	932.8	708.3	532.3	399.9
27.5°	3501.1	3147.3	2697.4	2225.6	1878.8	1579.6	1310.6	1048.8	794.8	596.0	447.6
25°	3672.7	3306.7	2887.4	2457.1	2090.1	1751.3	1443.2	1159.4	889.2	667.9	494.9
22.5°	3877.9	3442.2	3047.6	2640.5	2308.0	1925.4	1582.3	1271.3	983.7	738.3	541.3
20°	4084.0	3568.1	3205.7	2890.2	2521.8	2113.7	1727.7	1380.6	1072.7	807.0	586.8
17.5°	4300.3	3796.6	3474.0	3133.8	2734.9	2296.2	1871.0	1486.4	1156.3	873.4	630.9
15°	4676.7	4138.8	3744.4	3370.8	2947.0	2471.7	2010.8	1588.0	1234.3	937.3	672.0
12.5°	5018.5	4457.4	4014.9	3600.0	3155.5	2639.1	2145.6	1684.8	1306.5	988.2	708.6
10°	5301.3	4752.8	4282.3	3820.0	3357.9	2797.2	2274.2	1763.6	1349.9	1026.2	742.3
7.5°	5532.9	5025.9	4543.1	4029.4	3531.8	2900.4	2339.0	1809.5	1383.4	1058.5	773.0
5°	5700.3	5208.0	4681.6	4102.3	3586.2	2942.9	2383.0	1846.9	1410.4	1085.5	800.7
2.5°	5748.6	5264.0	4733.6	4142.3	3622.9	2970.3	2414.5	1875.5	1431.2	1107.4	825.3
0°	5776.6	5300.9	4766.2	4166.9	3641.7	2983.4	2433.5	1895.1	1446.0	1124.5	846.7
-2.5°	5815.8	5332.6	4797.7	4230.0	3654.2	3023.3	2444.2	1907.9	1464.7	1130.7	859.2
-5°	5835.4	5345.0	4812.8	4272.5	3650.9	3047.1	2442.9	1912.0	1476.8	1132.8	868.3
-7.5°	5826.7	5340.8	4813.4	4285.8	3634.4	3052.6	2429.7	1907.7	1481.7	1131.2	874.0
-10°	5800.4	5319.2	4795.0	4251.4	3619.2	3031.1	2406.0	1895.6	1478.8	1126.4	876.1
-12.5°	5760.5	5278.7	4757.4	4201.9	3587.5	2986.6	2378.1	1874.8	1466.9	1118.6	874.7
-15°	5708.7	5219.8	4700.3	4139.0	3535.4	2927.4	2336.3	1844.6	1443.7	1109.7	869.5
-17.5°	5642.1	5143.1	4623.4	4064.3	3462.0	2854.1	2280.0	1805.3	1414.6	1098.9	859.1
-20°	5523.4	5039.9	4525.7	3979.5	3366.8	2767.2	2209.2	1756.9	1380.0	1083.6	844.1



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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°	5390.0	4912.2	4403.8	3865.0	3252.0	2667.3	2123.5	1699.4	1340.0	1063.6	826.1
-25°	5247.7	4768.5	4262.3	3706.6	3125.2	2561.8	2037.7	1632.7	1295.1	1038.9	805.3
-27.5°	5080.5	4605.7	4101.8	3532.1	2978.0	2439.3	1955.5	1573.8	1251.5	1009.4	781.6
-30°	4892.7	4414.3	3901.3	3346.0	2816.6	2297.6	1863.2	1510.7	1214.7	977.2	755.1
-32.5°	4677.4	4203.4	3679.1	3155.4	2646.2	2147.3	1761.4	1443.3	1172.2	943.0	730.7
-35°	4432.3	3958.0	3443.6	2950.8	2465.6	2026.0	1661.9	1371.8	1123.9	906.1	704.9
-37.5°	4177.0	3694.6	3208.1	2737.1	2273.7	1894.6	1572.3	1301.2	1070.0	866.5	676.5
-40°	3885.5	3423.6	2960.9	2517.1	2107.4	1753.4	1475.4	1231.5	1019.1	824.4	645.3
-42.5°	3585.2	3139.4	2703.1	2284.1	1943.4	1638.5	1374.0	1156.4	965.4	783.8	611.6
-45°	3261.4	2839.3	2429.0	2087.9	1776.6	1516.8	1285.1	1078.6	908.0	742.1	576.7
-47.5°	2919.9	2522.9	2179.9	1883.4	1634.7	1394.5	1190.6	1011.3	847.9	697.5	541.8
-50°	2558.1	2228.4	1950.4	1705.6	1481.8	1284.4	1096.5	940.8	792.7	648.2	505.1
-52.5°	2237.5	1973.4	1743.3	1533.8	1346.9	1168.6	1015.4	868.5	735.8	601.1	466.8
-55°	1962.8	1746.3	1552.1	1377.7	1213.3	1069.4	931.2	804.3	677.4	553.8	428.0
-57.5°	1725.6	1536.3	1380.9	1229.5	1093.7	971.0	854.5	738.7	621.4	504.8	397.3
-60°	1497.7	1356.4	1218.1	1096.4	981.4	877.3	782.1	673.2	564.9	455.8	363.2
-62.5°	1300.8	1180.2	1075.7	969.6	874.1	789.2	709.1	609.0	506.7	410.5	326.2
-65°	1116.3	1023.7	934.7	850.0	770.8	698.8	634.1	543.3	448.4	362.5	287.8
-67.5°	941.1	871.3	801.4	730.4	668.0	609.8	554.4	472.4	387.5	312.0	249.7
-70°	784.6	725.0	670.2	617.5	566.9	518.4	466.1	396.9	323.9	266.7	210.6
-72.5°	636.9	593.3	547.8	504.4	467.1	424.4	376.3	322.3	271.2	220.6	170.8
-75°	500.1	471.4	439.3	404.9	370.0	331.9	300.1	262.4	217.8	173.6	137.6
-77.5°	400.1	372.1	340.0	312.6	289.2	263.1	234.3	201.5	166.1	135.1	106.4
-80°	295.2	273.7	255.6	239.8	218.2	194.4	170.4	146.6	120.8	96.7	74.6
-82.5°	180.0	175.3	170.3	163.0	145.0	127.4	110.1	93.0	74.7	57.8	47.9
-85°	90.1	88.2	85.5	81.7	70.7	59.9	54.9	49.8	43.6	37.7	32.0
-87.5°	29.6	31.9	33.6	34.9	32.5	30.0	27.5	24.9	21.8	18.9	16.0
-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°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
85°	2.0	1.6	1.3	1.0	0.7	0.4	0.0
82.5°	2.9	2.5	2.0	1.5	1.0	0.6	0.0
80°	3.8	3.3	2.6	2.0	1.3	0.8	0.0
77.5°	3.8	3.8	3.3	2.5	1.7	1.0	0.0
75°	3.8	4.0	3.8	2.9	2.0	1.2	0.0
72.5°	3.9	4.1	4.0	3.4	2.3	1.4	0.0
70°	4.0	4.2	4.2	3.8	2.7	1.6	0.0
67.5°	4.5	4.4	4.4	4.0	3.0	1.8	0.0
65°	5.1	5.0	4.6	4.2	3.4	2.0	0.0
62.5°	6.0	6.3	4.8	4.4	3.7	2.2	0.0
60°	7.0	7.6	5.0	4.6	4.0	2.4	0.0
57.5°	13.0	9.1	6.4	4.8	4.3	2.6	0.0
55°	20.8	10.8	8.0	5.0	4.5	2.8	0.0
52.5°	29.8	13.8	9.7	5.2	4.7	3.0	0.0
50°	40.1	23.6	11.4	5.4	4.9	3.2	0.0
47.5°	54.0	34.1	13.3	5.9	5.1	3.4	0.0
45°	81.4	45.4	15.2	7.4	5.4	3.6	0.0
42.5°	109.5	57.4	17.1	8.8	5.6	3.7	0.0
40°	138.3	70.1	23.1	10.7	5.8	3.9	0.0
37.5°	167.6	83.4	33.0	13.0	6.1	4.1	0.0
35°	197.3	103.6	43.1	15.5	6.3	4.2	0.0
32.5°	229.6	127.1	53.3	18.3	6.6	4.4	0.0
30°	266.5	150.4	63.6	21.3	6.8	4.5	0.0
27.5°	302.6	173.4	76.3	24.5	7.1	4.7	0.0
25°	337.9	196.0	89.3	27.9	7.3	4.8	0.0
22.5°	372.2	219.1	102.3	31.4	7.6	4.9	0.0
20°	405.3	243.8	115.1	35.1	7.8	5.1	0.0
17.5°	438.0	267.8	127.8	38.8	8.1	5.2	0.0
15°	469.5	290.8	140.1	42.5	8.3	5.3	0.0
12.5°	499.0	312.8	152.1	46.2	8.5	5.4	0.0
10°	526.3	333.5	163.5	49.8	8.7	5.5	0.0
7.5°	551.4	352.9	174.2	53.4	8.9	5.5	0.0
5°	574.2	370.8	184.3	56.7	9.1	5.6	0.0
2.5°	594.6	387.1	193.5	59.9	9.3	5.7	0.0
0°	612.7	401.5	201.7	62.8	9.5	5.7	0.0
-2.5°	621.7	410.7	209.4	66.9	11.0	6.0	0.0
-5°	628.2	417.9	215.9	70.6	12.5	6.3	0.0
-7.5°	632.4	423.1	221.2	74.0	13.9	6.6	0.0
-10°	634.3	426.4	225.3	76.9	15.3	6.9	0.0
-12.5°	634.0	427.7	227.9	79.4	16.6	7.2	0.0
-15°	631.5	427.1	229.2	81.4	17.8	7.4	0.0
-17.5°	626.9	424.6	229.1	82.8	19.0	7.6	0.0
-20°	619.7	420.0	227.4	83.6	20.0	7.8	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	609.3	413.6	224.2	83.9	21.0	8.0	0.0
-25°	596.6	403.7	219.4	83.5	21.8	8.1	0.0
-27.5°	581.4	391.3	213.1	82.5	22.5	8.2	0.0
-30°	563.9	377.2	205.1	80.8	23.1	8.2	0.0
-32.5°	544.0	361.4	195.8	78.4	23.5	8.3	0.0
-35°	522.5	344.0	185.4	75.3	23.9	8.2	0.0
-37.5°	499.3	326.5	174.0	71.6	24.0	8.2	0.0
-40°	474.4	310.6	161.5	67.1	24.0	8.1	0.0
-42.5°	447.8	293.6	152.1	62.3	23.9	8.0	0.0
-45°	419.5	275.6	145.7	57.4	23.6	7.8	0.0
-47.5°	389.6	256.5	138.1	51.9	23.2	7.6	0.0
-50°	364.5	236.3	129.3	50.0	22.6	7.4	0.0
-52.5°	339.5	215.2	119.5	49.0	21.9	7.1	0.0
-55°	313.5	199.3	108.5	47.5	21.0	6.8	0.0
-57.5°	286.5	183.1	96.6	45.4	20.0	6.5	0.0
-60°	259.1	165.4	84.0	42.8	18.9	6.1	0.0
-62.5°	234.1	146.3	78.0	39.8	17.7	5.7	0.0
-65°	207.3	125.9	71.2	36.3	16.4	5.3	0.0
-67.5°	178.8	108.8	63.7	32.4	15.1	4.9	0.0
-70°	148.8	95.2	55.4	28.1	13.7	4.4	0.0
-72.5°	125.9	80.6	46.4	24.7	12.1	3.9	0.0
-75°	102.9	65.1	37.0	21.5	10.5	3.4	0.0
-77.5°	78.8	48.9	30.5	18.1	8.9	2.8	0.0
-80°	53.8	37.2	24.7	14.6	7.2	2.3	0.0
-82.5°	39.5	28.1	18.6	11.1	5.4	1.7	0.0
-85°	26.5	18.9	12.5	7.4	3.6	1.2	0.0
-87.5°	13.3	9.5	6.3	3.7	1.8	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)