

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: P645555 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA6B-740-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645555 (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-740-U-LAM-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

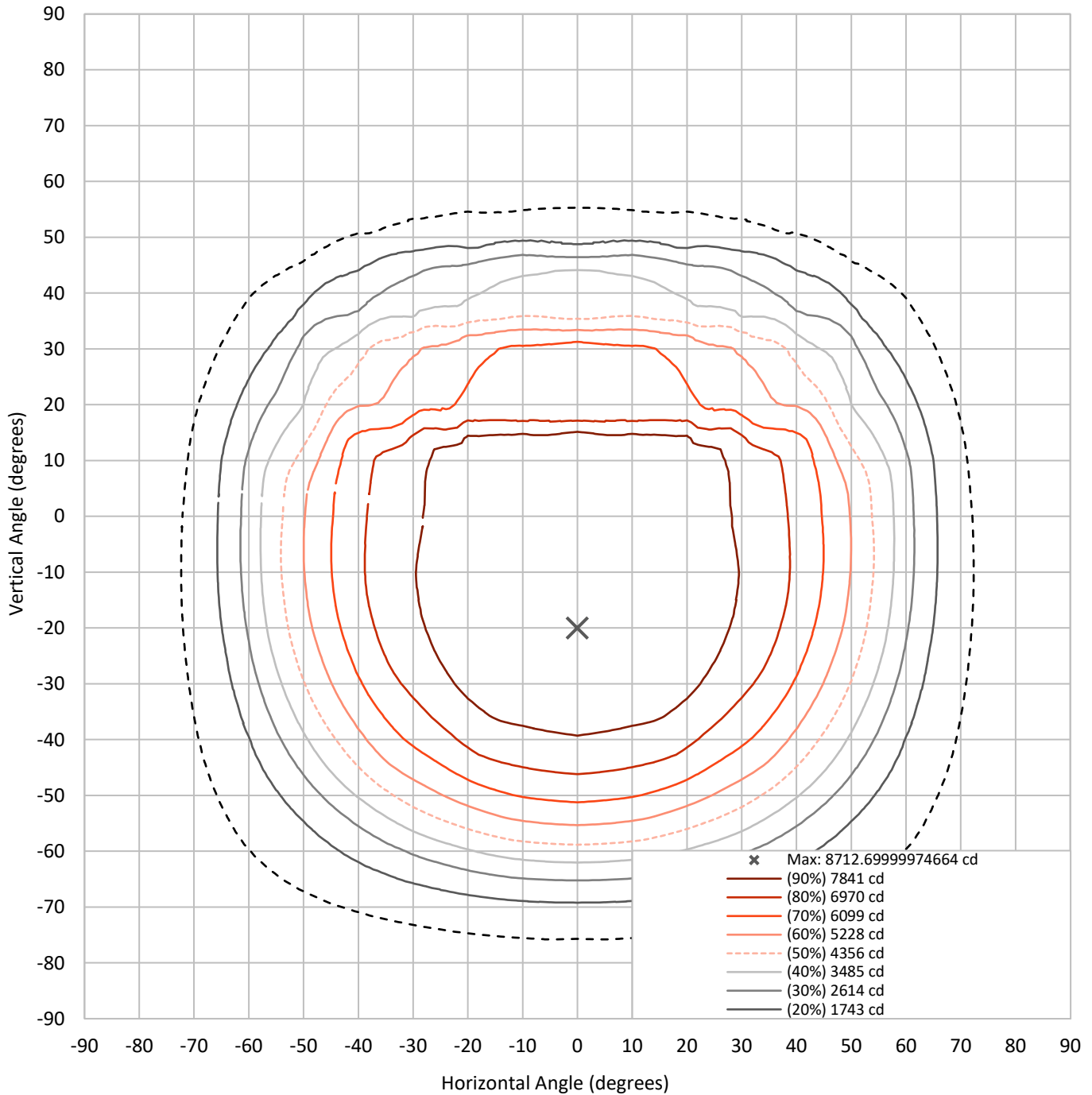
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	20429.6 lumens	Max Intensity:	8712.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	107.2 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:	15970.6 lumens	Field Lumens:	20023.9 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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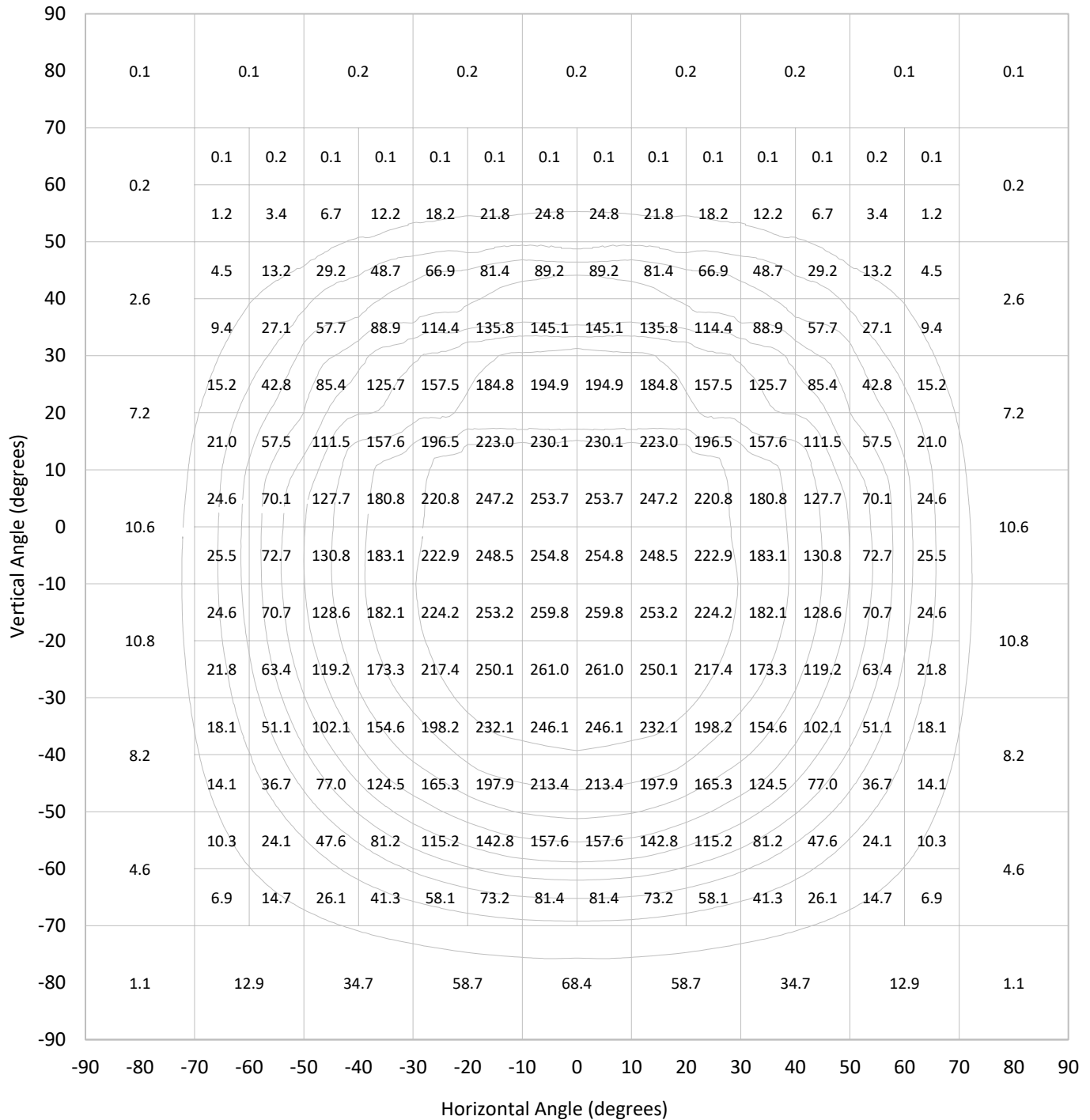
Iso-Candela Plot





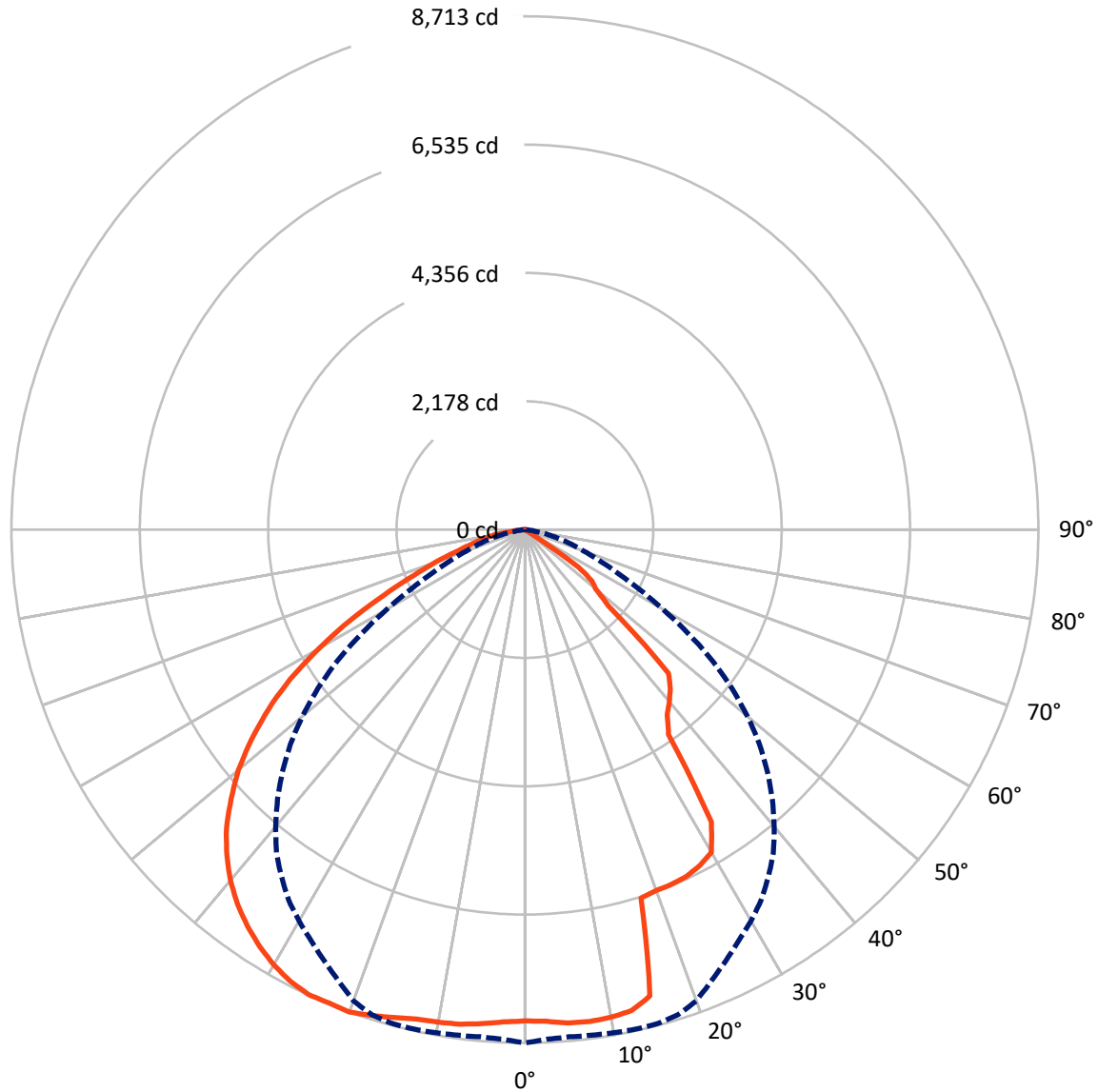
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Lumen Table



REPORT NUMBER: P645555 (CONVERTED FROM TYPE C PHOTOMETRY)
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Luminous Intensity Polar Plot

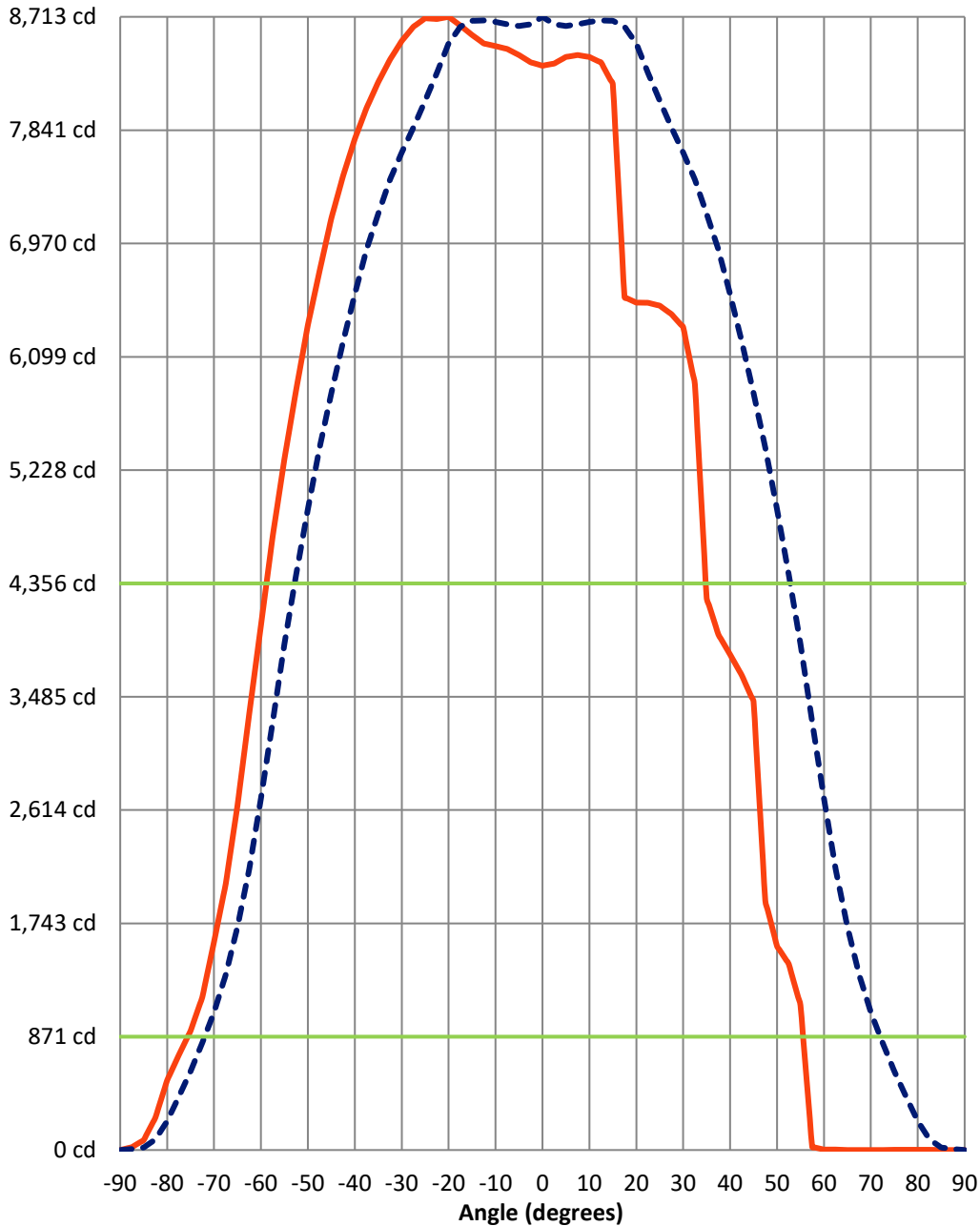


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through -20-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 15970.6
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 20023.9
 Efficiency: 98.0%

Spill:
 Lumens: 405.7
 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	0.6	0.8	1.0	1.0	1.0	0.9	0.8
85°	0.0	0.4	0.6	1.0	1.3	1.6	1.9	2.0	1.9	1.8	1.6
82.5°	0.0	0.6	1.0	1.4	1.9	2.4	2.9	2.9	2.8	2.4	1.9
80°	0.0	0.8	1.3	1.9	2.6	3.2	3.7	3.3	2.9	2.4	2.0
77.5°	0.0	1.0	1.6	2.4	3.2	3.7	3.7	3.3	2.9	2.4	2.0
75°	0.0	1.2	1.9	2.9	3.7	3.9	3.7	3.4	2.9	2.5	2.0
72.5°	0.0	1.4	2.3	3.3	3.9	4.0	3.8	3.4	3.0	2.5	2.1
70°	0.0	1.6	2.6	3.7	4.1	4.1	3.9	3.4	3.0	2.6	3.0
67.5°	0.0	1.8	2.9	3.9	4.3	4.3	4.4	3.5	3.1	4.1	4.2
65°	0.0	2.0	3.3	4.1	4.5	4.9	5.0	3.5	4.9	5.8	7.3
62.5°	0.0	2.2	3.6	4.3	4.7	6.1	5.8	5.0	6.9	10.2	16.2
60°	0.0	2.4	3.9	4.5	4.9	7.5	6.9	7.0	9.0	25.8	28.1
57.5°	0.0	2.6	4.2	4.7	6.3	8.9	12.7	9.9	25.3	43.9	51.0
55°	0.0	2.8	4.4	4.9	7.9	10.6	20.3	16.1	46.9	67.7	82.5
52.5°	0.0	2.9	4.6	5.1	9.5	13.6	29.1	40.8	70.4	106.3	119.7
50°	0.0	3.1	4.8	5.3	11.2	23.1	39.3	68.9	100.7	149.1	187.0
47.5°	0.0	3.3	5.0	5.8	13.0	33.4	52.8	98.3	145.1	196.4	255.7
45°	0.0	3.5	5.3	7.2	14.9	44.4	79.6	129.1	194.8	256.0	322.5
42.5°	0.0	3.7	5.5	8.7	16.8	56.1	107.1	168.2	245.4	314.0	399.5
40°	0.0	3.8	5.7	10.5	22.6	68.5	135.2	212.7	297.4	370.9	481.9
37.5°	0.0	4.0	6.0	12.7	32.3	81.5	163.8	257.2	352.1	439.3	567.9
35°	0.0	4.1	6.2	15.2	42.1	101.3	192.9	301.8	407.6	523.3	669.6
32.5°	0.0	4.3	6.5	17.9	52.1	124.2	224.4	346.2	463.8	607.7	793.2
30°	0.0	4.4	6.7	20.9	62.2	147.0	260.5	391.0	520.4	692.4	911.9
27.5°	0.0	4.6	6.9	24.0	74.6	169.5	295.8	437.6	582.7	776.9	1025.3
25°	0.0	4.7	7.2	27.3	87.3	191.6	330.3	483.8	653.0	869.3	1133.5
22.5°	0.0	4.8	7.4	30.8	100.0	214.1	363.8	529.2	721.8	961.6	1242.9
20°	0.0	5.0	7.7	34.3	112.6	238.3	396.2	573.7	788.9	1048.7	1349.7
17.5°	0.0	5.1	7.9	37.9	124.9	261.8	428.2	616.8	853.9	1130.4	1453.1
15°	0.0	5.2	8.1	41.6	137.0	284.3	459.0	657.0	916.2	1206.7	1552.5
12.5°	0.0	5.3	8.3	45.2	148.7	305.8	487.8	692.8	966.0	1277.3	1647.0
10°	0.0	5.4	8.6	48.7	159.8	326.1	514.5	725.7	1003.1	1319.6	1724.1
7.5°	0.0	5.4	8.8	52.2	170.3	345.0	539.0	755.7	1034.8	1352.4	1769.0
5°	0.0	5.5	8.9	55.5	180.2	362.5	561.3	782.8	1061.1	1378.9	1805.5
2.5°	0.0	5.6	9.1	58.6	189.1	378.4	581.3	806.8	1082.5	1399.3	1833.5
0°	0.0	5.6	9.3	61.4	197.2	392.5	599.0	827.7	1099.3	1413.7	1852.7
-2.5°	0.0	5.9	10.8	65.4	204.7	401.5	607.8	839.9	1105.3	1431.9	1865.2
-5°	0.0	6.2	12.2	69.1	211.1	408.5	614.2	848.8	1107.4	1443.8	1869.2
-7.5°	0.0	6.5	13.6	72.3	216.3	413.6	618.3	854.4	1105.9	1448.6	1865.0
-10°	0.0	6.8	14.9	75.2	220.2	416.9	620.1	856.6	1101.2	1445.8	1853.1
-12.5°	0.0	7.0	16.2	77.6	222.8	418.2	619.8	855.1	1093.6	1434.1	1832.8
-15°	0.0	7.3	17.4	79.5	224.1	417.6	617.3	850.1	1084.9	1411.4	1803.3
-17.5°	0.0	7.5	18.5	80.9	224.0	415.1	612.8	839.9	1074.4	1382.9	1764.9
-20°	0.0	7.7	19.6	81.7	222.3	410.7	605.8	825.2	1059.3	1349.1	1717.6

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA6B-740-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	7.8	20.5	82.0	219.2	404.4	595.7	807.7	1039.8	1310.0	1661.3
-25°	0.0	7.9	21.3	81.6	214.5	394.7	583.2	787.3	1015.6	1266.1	1596.2
-27.5°	0.0	8.0	22.0	80.6	208.3	382.6	568.4	764.1	986.8	1223.5	1538.5
-30°	0.0	8.1	22.6	78.9	200.4	368.8	551.3	738.2	955.3	1187.5	1476.9
-32.5°	0.0	8.1	23.0	76.6	191.3	353.3	531.8	714.3	921.9	1145.9	1411.0
-35°	0.0	8.1	23.3	73.6	181.2	336.3	510.8	689.2	885.8	1098.7	1341.1
-37.5°	0.0	8.0	23.5	69.9	170.0	319.2	488.2	661.3	847.1	1046.0	1272.0
-40°	0.0	8.0	23.5	65.6	157.9	303.7	463.8	630.9	805.9	996.3	1203.9
-42.5°	0.0	7.8	23.4	60.9	148.7	287.1	437.8	597.9	766.2	943.7	1130.5
-45°	0.0	7.7	23.1	56.1	142.4	269.4	410.1	563.8	725.5	887.7	1054.4
-47.5°	0.0	7.5	22.7	50.7	134.9	250.7	380.9	529.6	681.9	828.8	988.6
-50°	0.0	7.3	22.1	48.9	126.4	231.0	356.4	493.8	633.7	774.9	919.7
-52.5°	0.0	7.0	21.4	47.9	116.8	210.4	331.9	456.4	587.6	719.3	849.0
-55°	0.0	6.7	20.6	46.4	106.1	194.8	306.5	418.5	541.4	662.2	786.3
-57.5°	0.0	6.4	19.6	44.4	94.4	179.0	280.1	388.4	493.5	607.5	722.2
-60°	0.0	6.0	18.5	41.9	82.1	161.7	253.3	355.1	445.6	552.2	658.1
-62.5°	0.0	5.6	17.4	38.9	76.3	143.0	228.9	318.9	401.3	495.4	595.4
-65°	0.0	5.2	16.1	35.5	69.7	123.1	202.7	281.3	354.4	438.4	531.1
-67.5°	0.0	4.8	14.8	31.7	62.2	106.4	174.9	244.1	305.0	378.8	461.8
-70°	0.0	4.3	13.4	27.5	54.1	93.1	145.5	205.9	260.7	316.6	388.0
-72.5°	0.0	3.8	11.9	24.2	45.4	78.8	123.1	167.0	215.7	265.1	315.1
-75°	0.0	3.3	10.3	21.0	36.1	63.7	100.6	134.5	169.7	212.8	256.5
-77.5°	0.0	2.8	8.7	17.7	29.9	47.7	77.0	104.0	132.0	162.3	196.9
-80°	0.0	2.2	7.0	14.3	24.1	36.4	52.6	72.9	94.5	118.0	143.2
-82.5°	0.0	1.7	5.3	10.8	18.2	27.5	38.6	46.8	56.5	73.0	90.9
-85°	0.0	1.1	3.6	7.3	12.2	18.4	25.9	31.3	36.8	42.6	48.7
-87.5°	0.0	0.6	1.8	3.6	6.1	9.2	13.0	15.7	18.4	21.4	24.4
-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: P645555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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°
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°	2.9	3.0	2.6	2.2	1.9	2.0	2.2	2.1	1.9	1.9	1.9
67.5°	3.6	3.1	2.7	2.6	2.6	2.8	2.7	2.3	1.9	1.9	2.0
65°	3.7	3.2	4.6	5.2	3.9	3.3	2.9	2.4	2.6	2.7	2.7
62.5°	5.5	6.9	8.9	15.7	11.7	3.4	6.1	7.2	5.3	4.4	4.7
60°	18.1	12.3	36.6	52.5	32.8	12.0	14.6	48.6	42.1	7.7	26.3
57.5°	38.2	52.4	96.5	98.3	68.0	46.9	136.4	157.6	119.3	69.6	106.5
55°	84.1	129.2	160.1	148.2	161.8	245.1	291.2	261.6	220.3	338.8	432.8
52.5°	164.3	210.3	220.8	253.5	362.9	416.9	399.5	427.3	554.1	688.1	717.2
50°	242.5	280.2	309.6	447.6	533.1	538.6	578.3	704.0	873.1	955.1	935.3
47.5°	318.1	357.2	493.9	626.5	665.0	717.7	817.0	1059.5	1238.6	1242.2	1221.9
45°	398.1	502.3	676.8	763.3	825.7	927.6	1167.5	1502.0	1519.4	1568.0	1866.9
42.5°	483.7	666.2	818.5	908.5	1009.3	1199.3	1519.5	1739.0	1814.5	2027.3	2267.6
40°	622.2	824.6	957.6	1072.6	1202.2	1479.5	1830.2	2035.9	2097.2	2281.3	2462.0
37.5°	762.8	956.8	1105.9	1244.7	1424.2	1798.5	2204.3	2373.9	2404.9	2438.5	2839.0
35°	898.2	1092.5	1270.9	1452.5	1672.7	2211.5	2566.2	2725.6	2720.7	2948.0	3367.3
32.5°	1024.7	1231.1	1441.8	1684.6	2047.9	2599.9	2954.7	3050.2	3194.9	3525.8	4098.1
30°	1151.1	1385.7	1627.6	1916.9	2377.2	2855.6	3260.6	3414.2	3662.3	4039.9	4456.4
27.5°	1281.3	1544.3	1836.8	2175.8	2637.0	3076.8	3422.8	3789.8	4030.8	4369.2	4665.5
25°	1411.0	1712.1	2043.3	2402.1	2822.8	3232.7	3590.5	4014.3	4273.2	4545.9	4822.4
22.5°	1546.9	1882.3	2256.3	2581.4	2979.4	3365.2	3791.1	4250.8	4587.4	4760.7	4946.3
20°	1689.1	2066.4	2465.4	2825.5	3133.9	3488.2	3992.5	4551.1	4985.6	5180.6	5206.1
17.5°	1829.1	2244.8	2673.7	3063.6	3396.3	3711.7	4204.0	4910.9	5451.1	5632.5	5713.1
15°	1965.7	2416.4	2881.0	3295.4	3660.6	4046.2	4572.0	5290.8	5908.4	6109.1	6236.0
12.5°	2097.6	2580.1	3084.9	3519.4	3925.1	4357.6	4906.2	5564.1	6127.9	6516.1	6748.9
10°	2223.2	2734.6	3282.8	3734.5	4186.5	4646.5	5182.7	5767.8	6226.7	6601.1	6931.6
7.5°	2286.6	2835.5	3452.8	3939.2	4441.4	4913.4	5409.1	5911.3	6297.8	6665.0	6984.6
5°	2329.7	2877.0	3505.9	4010.5	4576.8	5091.5	5572.7	6005.6	6344.3	6708.2	7020.4
2.5°	2360.5	2903.8	3541.8	4049.6	4627.7	5146.2	5619.9	6037.1	6382.6	6739.1	7058.8
0°	2379.1	2916.6	3560.2	4073.6	4659.5	5182.2	5647.3	6049.0	6408.0	6754.0	7098.1
-2.5°	2389.6	2955.6	3572.4	4135.3	4690.3	5213.3	5685.6	6077.7	6452.9	6782.1	7127.1
-5°	2388.3	2978.9	3569.2	4176.8	4705.0	5225.4	5704.7	6090.7	6477.2	6803.2	7139.0
-7.5°	2375.3	2984.3	3553.1	4189.8	4705.6	5221.3	5696.3	6097.0	6476.9	6822.5	7140.1
-10°	2352.2	2963.3	3538.2	4156.2	4687.6	5200.2	5670.6	6083.3	6461.7	6818.6	7133.9
-12.5°	2324.9	2919.7	3507.2	4107.8	4650.9	5160.6	5631.6	6048.5	6433.4	6789.4	7119.6
-15°	2284.0	2861.9	3456.3	4046.4	4595.1	5103.0	5580.9	5991.6	6389.8	6738.4	7077.4
-17.5°	2229.0	2790.2	3384.6	3973.4	4519.9	5027.9	5515.9	5916.6	6312.9	6673.0	7000.2
-20°	2159.7	2705.3	3291.5	3890.5	4424.4	4927.1	5399.8	5819.5	6213.1	6579.5	6923.3



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 CATALOG NUMBER: GFLD-SA6B-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°	2076.0	2607.6	3179.3	3778.6	4305.3	4802.3	5269.3	5695.7	6103.7	6458.1	6824.3
-25°	1992.1	2504.4	3055.3	3623.7	4166.9	4661.8	5130.2	5545.6	5962.5	6331.2	6679.1
-27.5°	1911.7	2384.7	2911.4	3453.1	4010.1	4502.6	4966.8	5382.5	5787.3	6190.3	6525.3
-30°	1821.5	2246.2	2753.6	3271.1	3814.0	4315.5	4783.2	5214.6	5599.7	5997.7	6357.4
-32.5°	1722.0	2099.3	2587.0	3084.8	3596.8	4109.3	4572.7	5001.1	5401.8	5778.2	6155.8
-35°	1624.7	1980.6	2410.5	2884.8	3366.5	3869.4	4333.1	4757.4	5173.3	5546.1	5907.0
-37.5°	1537.1	1852.1	2222.8	2675.9	3136.3	3611.9	4083.5	4494.3	4890.0	5300.0	5651.8
-40°	1442.4	1714.1	2060.3	2460.8	2894.7	3347.0	3798.6	4223.5	4595.5	5000.6	5387.6
-42.5°	1343.2	1601.8	1899.9	2233.0	2642.7	3069.1	3505.0	3920.7	4307.0	4689.2	5072.6
-45°	1256.4	1482.9	1736.8	2041.1	2374.6	2775.8	3188.5	3602.8	3973.5	4337.8	4716.5
-47.5°	1164.0	1363.3	1598.1	1841.2	2131.1	2466.5	2854.6	3236.7	3616.2	3962.8	4297.9
-50°	1072.0	1255.7	1448.6	1667.5	1906.7	2178.5	2500.9	2856.2	3202.8	3558.6	3890.6
-52.5°	992.7	1142.5	1316.8	1499.5	1704.3	1929.2	2187.4	2479.2	2794.5	3096.5	3427.6
-55°	910.3	1045.4	1186.2	1347.0	1517.4	1707.2	1918.9	2164.2	2404.7	2684.0	2954.3
-57.5°	835.3	949.2	1069.2	1202.0	1350.0	1502.0	1687.0	1877.8	2096.1	2313.1	2527.2
-60°	764.6	857.6	959.4	1071.9	1190.9	1326.1	1464.2	1628.0	1803.9	1977.1	2158.7
-62.5°	693.2	771.5	854.5	947.9	1051.6	1153.8	1271.7	1397.9	1527.3	1674.2	1817.4
-65°	619.9	683.2	753.6	831.0	913.8	1000.8	1091.4	1184.9	1294.9	1402.5	1506.7
-67.5°	542.0	596.2	653.1	714.1	783.5	851.8	920.0	999.0	1080.0	1159.7	1242.2
-70°	455.7	506.7	554.2	603.6	655.2	708.8	767.0	824.9	882.1	941.7	1008.0
-72.5°	367.9	414.9	456.6	493.1	535.5	580.0	622.6	663.2	706.3	751.6	796.5
-75°	293.4	324.5	361.7	395.8	429.5	460.8	488.9	523.3	559.3	592.3	619.4
-77.5°	229.0	257.2	282.7	305.6	332.4	363.8	391.2	414.6	437.5	462.4	488.8
-80°	166.6	190.0	213.2	234.4	249.8	267.6	288.6	312.6	333.4	350.3	365.7
-82.5°	107.6	124.5	141.7	159.3	166.5	171.4	176.0	184.3	197.2	209.9	222.1
-85°	53.6	58.5	69.1	79.9	83.6	86.2	88.0	89.0	93.4	97.4	100.9
-87.5°	26.8	29.3	31.7	34.1	32.9	31.1	28.9	26.3	25.7	25.0	24.0
-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):

	-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°	2.6	2.6	2.7	2.6	2.3	2.2	2.3	2.3	2.1	1.7	1.1
62.5°	4.6	5.3	4.2	4.1	4.0	3.9	3.8	3.6	3.3	3.1	3.2
60°	29.2	17.2	10.1	11.8	10.6	7.0	8.9	10.5	10.6	9.7	8.5
57.5°	161.7	120.7	89.4	213.4	214.1	102.2	123.1	193.5	159.4	52.3	48.6
55°	449.8	537.9	708.0	672.5	683.4	786.0	858.3	759.9	744.9	793.8	917.0
52.5°	808.0	892.1	949.3	1002.8	1068.0	1138.0	1210.0	1256.0	1298.9	1344.5	1371.8
50°	1031.9	1150.3	1231.7	1201.7	1370.3	1439.3	1369.3	1431.9	1508.2	1529.1	1538.9
47.5°	1523.7	1697.4	1731.9	1843.8	1944.3	1942.2	1856.8	1861.8	2089.0	2289.5	2388.0
45°	2189.8	2195.6	2304.9	2502.5	2643.8	2599.3	2718.5	2989.5	3079.8	3167.0	3238.5
42.5°	2449.2	2556.7	2731.0	2905.8	3011.1	3102.5	3190.8	3290.4	3407.5	3502.5	3578.4
40°	2700.4	2787.1	2965.6	3106.4	3193.6	3278.9	3381.7	3492.1	3599.3	3682.8	3739.8
37.5°	3087.2	3154.4	3197.8	3328.5	3493.4	3417.3	3612.4	3752.4	3816.3	3901.1	3908.7
35°	3672.3	3627.6	3569.7	4089.7	4120.8	3945.2	4127.7	4344.7	4230.3	4468.5	4596.5
32.5°	4191.0	4184.2	4638.1	4911.5	4754.3	4882.7	5303.4	5284.7	5565.1	5695.3	5658.2
30°	4679.6	4846.3	5108.8	5312.4	5339.7	5542.2	5729.0	5892.7	6062.0	6213.7	6224.1
27.5°	4927.6	5145.2	5323.4	5441.3	5572.7	5743.1	5912.7	6097.0	6240.9	6336.1	6359.4
25°	5077.7	5300.0	5434.9	5561.7	5706.9	5853.9	6043.7	6244.4	6360.1	6418.8	6437.5
22.5°	5210.0	5409.7	5554.8	5657.7	5813.9	5972.0	6149.0	6318.9	6444.6	6470.2	6479.6
20°	5337.3	5529.3	5771.5	5923.0	5915.4	6093.6	6264.2	6399.3	6504.1	6503.4	6506.0
17.5°	5705.7	5774.3	6213.9	6547.6	6382.4	6295.3	6764.3	6773.2	6801.0	6745.6	6625.6
15°	6251.2	6375.9	6916.0	7277.9	7164.0	7158.0	7835.4	7667.4	7812.0	7774.2	7936.9
12.5°	6828.9	6976.6	7380.2	7735.6	7904.9	7946.5	8172.8	8384.8	8428.4	8411.2	8379.2
10°	7222.5	7432.9	7595.0	7810.7	7981.5	8155.7	8286.8	8439.0	8488.9	8460.1	8419.3
7.5°	7273.8	7481.7	7672.0	7861.3	8023.9	8164.3	8300.3	8424.2	8475.0	8458.2	8430.2
5°	7306.4	7494.7	7679.2	7871.2	8026.8	8156.8	8292.3	8417.9	8447.8	8427.7	8400.4
2.5°	7326.5	7500.8	7678.6	7869.8	8011.1	8134.9	8272.1	8406.1	8405.8	8397.0	8381.1
0°	7336.2	7511.1	7717.5	7890.5	8048.6	8165.8	8301.6	8431.8	8422.5	8398.3	8370.4
-2.5°	7357.1	7534.3	7745.0	7888.4	8066.7	8174.0	8314.3	8427.1	8422.7	8410.8	8397.0
-5°	7375.8	7575.0	7772.2	7922.9	8101.6	8242.0	8381.4	8469.6	8474.3	8457.8	8434.5
-7.5°	7387.2	7608.0	7796.1	7947.5	8120.8	8284.0	8425.5	8518.0	8520.0	8498.0	8470.3
-10°	7383.4	7616.5	7810.1	7966.6	8144.1	8305.3	8453.2	8570.5	8566.7	8545.7	8522.0
-12.5°	7369.4	7602.3	7801.1	7958.1	8159.6	8325.5	8491.9	8608.6	8614.8	8599.1	8573.4
-15°	7338.8	7579.2	7772.5	7944.0	8141.5	8335.5	8506.5	8635.2	8658.2	8645.3	8625.0
-17.5°	7278.1	7531.9	7737.0	7921.7	8111.2	8318.0	8512.4	8653.2	8684.6	8679.5	8662.7
-20°	7198.5	7460.4	7668.6	7862.2	8068.5	8281.4	8507.7	8636.4	8681.9	8684.8	8673.4



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	7109.2	7365.6	7586.4	7776.7	8000.4	8216.0	8420.9	8571.6	8648.2	8662.4	8663.4
-25°	7002.1	7265.6	7485.0	7687.6	7895.7	8118.3	8325.3	8493.6	8571.2	8608.3	8619.8
-27.5°	6850.7	7123.0	7339.0	7553.1	7764.8	7994.8	8212.4	8395.3	8458.4	8509.4	8529.8
-30°	6673.4	6942.6	7162.8	7358.6	7600.8	7835.3	8059.9	8219.5	8314.6	8372.9	8404.8
-32.5°	6469.5	6741.3	6972.4	7176.9	7407.0	7641.5	7852.8	8021.1	8152.4	8219.6	8253.7
-35°	6248.5	6525.9	6767.9	6983.2	7199.9	7423.4	7642.4	7818.4	7968.0	8025.7	8068.4
-37.5°	5981.7	6287.9	6535.9	6758.0	6963.9	7174.0	7402.0	7603.3	7748.5	7804.6	7849.6
-40°	5708.3	6004.2	6254.3	6491.2	6694.8	6924.2	7143.8	7354.8	7480.8	7546.2	7597.1
-42.5°	5419.6	5686.9	5924.8	6155.0	6381.6	6617.7	6837.2	7056.5	7165.5	7244.3	7306.7
-45°	5086.3	5335.0	5566.2	5781.6	6015.3	6247.4	6467.0	6660.8	6790.5	6893.1	6972.9
-47.5°	4642.0	4945.0	5177.1	5381.9	5613.6	5837.6	6050.4	6232.6	6374.8	6494.9	6587.6
-50°	4190.8	4481.5	4743.3	4973.4	5188.4	5395.5	5598.1	5776.3	5926.8	6056.9	6150.8
-52.5°	3746.4	4018.8	4278.6	4516.2	4722.8	4918.3	5103.7	5283.0	5441.6	5580.7	5671.6
-55°	3244.3	3526.5	3783.5	4005.0	4211.4	4404.7	4587.7	4757.8	4914.0	5055.6	5142.7
-57.5°	2773.2	3020.8	3259.8	3464.4	3659.2	3843.3	4016.8	4179.6	4330.0	4463.3	4547.2
-60°	2340.3	2520.8	2726.5	2915.3	3088.0	3244.7	3406.6	3558.4	3696.5	3813.7	3891.9
-62.5°	1957.5	2107.1	2255.7	2399.3	2539.4	2680.2	2815.6	2941.5	3056.9	3152.9	3221.5
-65°	1616.5	1736.7	1844.2	1946.0	2043.0	2154.0	2257.1	2354.0	2443.7	2517.3	2569.5
-67.5°	1331.1	1415.6	1489.8	1559.7	1636.2	1714.6	1788.2	1852.3	1907.1	1950.7	1985.2
-70°	1073.4	1135.6	1191.6	1247.3	1303.1	1354.1	1402.8	1449.9	1494.7	1531.2	1558.6
-72.5°	840.6	883.1	921.2	964.1	1004.4	1043.1	1076.7	1103.9	1125.0	1145.5	1163.5
-75°	640.9	672.8	715.8	752.2	782.2	808.7	833.1	854.8	873.8	890.7	905.6
-77.5°	515.5	542.6	570.0	596.5	622.1	641.2	658.9	676.6	694.0	708.9	722.1
-80°	382.1	402.3	423.4	444.7	465.9	476.4	484.8	492.6	499.5	508.4	516.7
-82.5°	233.6	245.0	256.8	268.7	280.6	283.6	284.6	284.4	282.8	279.6	274.7
-85°	103.9	104.5	104.2	103.0	101.0	96.9	91.9	86.1	79.6	78.5	77.3
-87.5°	22.9	22.4	21.7	21.0	20.2	20.2	20.1	20.0	19.8	20.5	21.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-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°	3.4	3.5	3.7	3.7	3.7	3.5	3.4	3.2	3.1	3.3	3.6
60°	6.7	4.4	3.7	3.7	3.7	4.4	6.7	8.5	9.7	10.6	10.5
57.5°	41.1	30.7	26.1	24.2	26.1	30.7	41.1	48.6	52.3	159.4	193.5
55°	1005.2	1056.4	1094.6	1112.3	1094.6	1056.4	1005.2	917.0	793.8	744.9	759.9
52.5°	1395.7	1418.0	1430.8	1430.4	1430.8	1418.0	1395.7	1371.8	1344.5	1298.9	1256.0
50°	1555.7	1566.6	1570.4	1568.1	1570.4	1566.6	1555.7	1538.9	1529.1	1508.2	1431.9
47.5°	2298.0	2099.1	1952.9	1917.8	1952.9	2099.1	2298.0	2388.0	2289.5	2089.0	1861.8
45°	3272.9	3348.3	3423.4	3446.8	3423.4	3348.3	3272.9	3238.5	3167.0	3079.8	2989.5
42.5°	3610.5	3635.0	3648.9	3649.5	3648.9	3635.0	3610.5	3578.4	3502.5	3407.5	3290.4
40°	3771.6	3794.8	3808.3	3809.5	3808.3	3794.8	3771.6	3739.8	3682.8	3599.3	3492.1
37.5°	3917.9	3937.7	3950.7	3963.9	3950.7	3937.7	3917.9	3908.7	3901.1	3816.3	3752.4
35°	4579.2	4429.4	4214.0	4246.6	4214.0	4429.4	4579.2	4596.5	4468.5	4230.3	4344.7
32.5°	5716.1	5779.1	5818.4	5885.3	5818.4	5779.1	5716.1	5658.2	5695.3	5565.1	5284.7
30°	6240.8	6261.6	6293.1	6326.2	6293.1	6261.6	6240.8	6224.1	6213.7	6062.0	5892.7
27.5°	6371.6	6393.2	6412.3	6426.6	6412.3	6393.2	6371.6	6359.4	6336.1	6240.9	6097.0
25°	6440.2	6453.5	6473.9	6491.7	6473.9	6453.5	6440.2	6437.5	6418.8	6360.1	6244.4
22.5°	6474.2	6475.6	6491.5	6514.1	6491.5	6475.6	6474.2	6479.6	6470.2	6444.6	6318.9
20°	6497.5	6484.9	6501.3	6515.9	6501.3	6484.9	6497.5	6506.0	6503.4	6504.1	6399.3
17.5°	6794.9	6625.3	6555.5	6556.8	6555.5	6625.3	6794.9	6625.6	6745.6	6801.0	6773.2
15°	7754.2	7817.9	8061.9	8193.7	8061.9	7817.9	7754.2	7936.9	7774.2	7812.0	7667.4
12.5°	8373.3	8350.6	8321.7	8361.1	8321.7	8350.6	8373.3	8379.2	8411.2	8428.4	8384.8
10°	8402.0	8399.4	8347.8	8403.9	8347.8	8399.4	8402.0	8419.3	8460.1	8488.9	8439.0
7.5°	8384.4	8386.0	8364.0	8418.8	8364.0	8386.0	8384.4	8430.2	8458.2	8475.0	8424.2
5°	8396.0	8358.2	8372.5	8403.9	8372.5	8358.2	8396.0	8400.4	8427.7	8447.8	8417.9
2.5°	8363.5	8359.6	8331.7	8353.7	8331.7	8359.6	8363.5	8381.1	8397.0	8405.8	8406.1
0°	8338.8	8318.4	8318.4	8337.0	8318.4	8318.4	8338.8	8370.4	8398.3	8422.5	8431.8
-2.5°	8382.8	8378.5	8375.8	8363.0	8375.8	8378.5	8382.8	8397.0	8410.8	8422.7	8427.1
-5°	8418.9	8407.9	8377.5	8418.8	8377.5	8407.9	8418.9	8434.5	8457.8	8474.3	8469.6
-7.5°	8457.9	8429.6	8400.7	8465.3	8400.7	8429.6	8457.9	8470.3	8498.0	8520.0	8518.0
-10°	8493.4	8452.6	8424.4	8487.6	8424.4	8452.6	8493.4	8522.0	8545.7	8566.7	8570.5
-12.5°	8540.3	8492.6	8473.8	8508.1	8473.8	8492.6	8540.3	8573.4	8599.1	8614.8	8608.6
-15°	8590.4	8557.4	8553.0	8573.2	8553.0	8557.4	8590.4	8625.0	8645.3	8658.2	8635.2
-17.5°	8634.4	8611.2	8622.7	8645.7	8622.7	8611.2	8634.4	8662.7	8679.5	8684.6	8653.2
-20°	8655.4	8642.5	8655.4	8712.7	8655.4	8642.5	8655.4	8673.4	8684.8	8681.9	8636.4



REPORT NUMBER: P645555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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°	8653.7	8654.5	8677.2	8696.0	8677.2	8654.5	8653.7	8663.4	8662.4	8648.2	8571.6
-25°	8620.6	8638.1	8664.1	8701.5	8664.1	8638.1	8620.6	8619.8	8608.3	8571.2	8493.6
-27.5°	8541.0	8569.9	8597.2	8636.4	8597.2	8569.9	8541.0	8529.8	8509.4	8458.4	8395.3
-30°	8425.9	8460.2	8484.6	8526.7	8484.6	8460.2	8425.9	8404.8	8372.9	8314.6	8219.5
-32.5°	8285.7	8324.6	8353.4	8383.5	8353.4	8324.6	8285.7	8253.7	8219.6	8152.4	8021.1
-35°	8110.6	8152.5	8183.1	8210.5	8183.1	8152.5	8110.6	8068.4	8025.7	7968.0	7818.4
-37.5°	7900.1	7945.3	7980.1	8011.4	7980.1	7945.3	7900.1	7849.6	7804.6	7748.5	7603.3
-40°	7654.9	7701.3	7738.4	7773.3	7738.4	7701.3	7654.9	7597.1	7546.2	7480.8	7354.8
-42.5°	7368.2	7415.0	7453.5	7488.8	7453.5	7415.0	7368.2	7306.7	7244.3	7165.5	7056.5
-45°	7037.2	7085.3	7125.9	7163.2	7125.9	7085.3	7037.2	6972.9	6893.1	6790.5	6660.8
-47.5°	6655.9	6707.4	6742.2	6759.6	6742.2	6707.4	6655.9	6587.6	6494.9	6374.8	6232.6
-50°	6218.9	6270.4	6312.1	6342.9	6312.1	6270.4	6218.9	6150.8	6056.9	5926.8	5776.3
-52.5°	5737.9	5786.9	5822.7	5844.4	5822.7	5786.9	5737.9	5671.6	5580.7	5441.6	5283.0
-55°	5211.2	5262.5	5296.5	5312.4	5296.5	5262.5	5211.2	5142.7	5055.6	4914.0	4757.8
-57.5°	4613.8	4662.5	4698.7	4719.1	4698.7	4662.5	4613.8	4547.2	4463.3	4330.0	4179.6
-60°	3952.8	3996.4	4023.8	4034.6	4023.8	3996.4	3952.8	3891.9	3813.7	3696.5	3558.4
-62.5°	3276.7	3318.0	3343.7	3353.8	3343.7	3318.0	3276.7	3221.5	3152.9	3056.9	2941.5
-65°	2608.4	2634.3	2648.6	2650.6	2648.6	2634.3	2608.4	2569.5	2517.3	2443.7	2354.0
-67.5°	2012.4	2032.0	2044.0	2048.0	2044.0	2032.0	2012.4	1985.2	1950.7	1907.1	1852.3
-70°	1579.0	1592.6	1600.2	1601.5	1600.2	1592.6	1579.0	1558.6	1531.2	1494.7	1449.9
-72.5°	1177.2	1187.0	1183.6	1175.6	1183.6	1187.0	1177.2	1163.5	1145.5	1125.0	1103.9
-75°	918.4	929.1	924.6	917.0	924.6	929.1	918.4	905.6	890.7	873.8	854.8
-77.5°	733.7	743.4	738.6	731.0	738.6	743.4	733.7	722.1	708.9	694.0	676.6
-80°	523.9	529.6	533.7	535.7	533.7	529.6	523.9	516.7	508.4	499.5	492.6
-82.5°	268.2	260.3	255.3	249.3	255.3	260.3	268.2	274.7	279.6	282.8	284.4
-85°	75.8	74.0	75.2	76.3	75.2	74.0	75.8	77.3	78.5	79.6	86.1
-87.5°	21.7	22.2	22.3	22.3	22.3	22.2	21.7	21.1	20.5	19.8	20.0
-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: P645555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-740-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°	2.3	2.2	2.3	2.6	2.7	2.6	2.6	2.7	2.7	2.6	2.4
62.5°	3.8	3.9	4.0	4.1	4.2	5.3	4.6	4.7	4.4	5.3	7.2
60°	8.9	7.0	10.6	11.8	10.1	17.2	29.2	26.3	7.7	42.1	48.6
57.5°	123.1	102.2	214.1	213.4	89.4	120.7	161.7	106.5	69.6	119.3	157.6
55°	858.3	786.0	683.4	672.5	708.0	537.9	449.8	432.8	338.8	220.3	261.6
52.5°	1210.0	1138.0	1068.0	1002.8	949.3	892.1	808.0	717.2	688.1	554.1	427.3
50°	1369.3	1439.3	1370.3	1201.7	1231.7	1150.3	1031.9	935.3	955.1	873.1	704.0
47.5°	1856.8	1942.2	1944.3	1843.8	1731.9	1697.4	1523.7	1221.9	1242.2	1238.6	1059.5
45°	2718.5	2599.3	2643.8	2502.5	2304.9	2195.6	2189.8	1866.9	1568.0	1519.4	1502.0
42.5°	3190.8	3102.5	3011.1	2905.8	2731.0	2556.7	2449.2	2267.6	2027.3	1814.5	1739.0
40°	3381.7	3278.9	3193.6	3106.4	2965.6	2787.1	2700.4	2462.0	2281.3	2097.2	2035.9
37.5°	3612.4	3417.3	3493.4	3328.5	3197.8	3154.4	3087.2	2839.0	2438.5	2404.9	2373.9
35°	4127.7	3945.2	4120.8	4089.7	3569.7	3627.6	3672.3	3367.3	2948.0	2720.7	2725.6
32.5°	5303.4	4882.7	4754.3	4911.5	4638.1	4184.2	4191.0	4098.1	3525.8	3194.9	3050.2
30°	5729.0	5542.2	5339.7	5312.4	5108.8	4846.3	4679.6	4456.4	4039.9	3662.3	3414.2
27.5°	5912.7	5743.1	5572.7	5441.3	5323.4	5145.2	4927.6	4665.5	4369.2	4030.8	3789.8
25°	6043.7	5853.9	5706.9	5561.7	5434.9	5300.0	5077.7	4822.4	4545.9	4273.2	4014.3
22.5°	6149.0	5972.0	5813.9	5657.7	5554.8	5409.7	5210.0	4946.3	4760.7	4587.4	4250.8
20°	6264.2	6093.6	5915.4	5923.0	5771.5	5529.3	5337.3	5206.1	5180.6	4985.6	4551.1
17.5°	6764.3	6295.3	6382.4	6547.6	6213.9	5774.3	5705.7	5713.1	5632.5	5451.1	4910.9
15°	7835.4	7158.0	7164.0	7277.9	6916.0	6375.9	6251.2	6236.0	6109.1	5908.4	5290.8
12.5°	8172.8	7946.5	7904.9	7735.6	7380.2	6976.6	6828.9	6748.9	6516.1	6127.9	5564.1
10°	8286.8	8155.7	7981.5	7810.7	7595.0	7432.9	7222.5	6931.6	6601.1	6226.7	5767.8
7.5°	8300.3	8164.3	8023.9	7861.3	7672.0	7481.7	7273.8	6984.6	6665.0	6297.8	5911.3
5°	8292.3	8156.8	8026.8	7871.2	7679.2	7494.7	7306.4	7020.4	6708.2	6344.3	6005.6
2.5°	8272.1	8134.9	8011.1	7869.8	7678.6	7500.8	7326.5	7058.8	6739.1	6382.6	6037.1
0°	8301.6	8165.8	8048.6	7890.5	7717.5	7511.1	7336.2	7098.1	6754.0	6408.0	6049.0
-2.5°	8314.3	8174.0	8066.7	7888.4	7745.0	7534.3	7357.1	7127.1	6782.1	6452.9	6077.7
-5°	8381.4	8242.0	8101.6	7922.9	7772.2	7575.0	7375.8	7139.0	6803.2	6477.2	6090.7
-7.5°	8425.5	8284.0	8120.8	7947.5	7796.1	7608.0	7387.2	7140.1	6822.5	6476.9	6097.0
-10°	8453.2	8305.3	8144.1	7966.6	7810.1	7616.5	7383.4	7133.9	6818.6	6461.7	6083.3
-12.5°	8491.9	8325.5	8159.6	7958.1	7801.1	7602.3	7369.4	7119.6	6789.4	6433.4	6048.5
-15°	8506.5	8335.5	8141.5	7944.0	7772.5	7579.2	7338.8	7077.4	6738.4	6389.8	5991.6
-17.5°	8512.4	8318.0	8111.2	7921.7	7737.0	7531.9	7278.1	7000.2	6673.0	6312.9	5916.6
-20°	8507.7	8281.4	8068.5	7862.2	7668.6	7460.4	7198.5	6923.3	6579.5	6213.1	5819.5

Classified

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

Scaled Data Report



REPORT NUMBER: P645555 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6B-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°	8420.9	8216.0	8000.4	7776.7	7586.4	7365.6	7109.2	6824.3	6458.1	6103.7	5695.7
-25°	8325.3	8118.3	7895.7	7687.6	7485.0	7265.6	7002.1	6679.1	6331.2	5962.5	5545.6
-27.5°	8212.4	7994.8	7764.8	7553.1	7339.0	7123.0	6850.7	6525.3	6190.3	5787.3	5382.5
-30°	8059.9	7835.3	7600.8	7358.6	7162.8	6942.6	6673.4	6357.4	5997.7	5599.7	5214.6
-32.5°	7852.8	7641.5	7407.0	7176.9	6972.4	6741.3	6469.5	6155.8	5778.2	5401.8	5001.1
-35°	7642.4	7423.4	7199.9	6983.2	6767.9	6525.9	6248.5	5907.0	5546.1	5173.3	4757.4
-37.5°	7402.0	7174.0	6963.9	6758.0	6535.9	6287.9	5981.7	5651.8	5300.0	4890.0	4494.3
-40°	7143.8	6924.2	6694.8	6491.2	6254.3	6004.2	5708.3	5387.6	5000.6	4595.5	4223.5
-42.5°	6837.2	6617.7	6381.6	6155.0	5924.8	5686.9	5419.6	5072.6	4689.2	4307.0	3920.7
-45°	6467.0	6247.4	6015.3	5781.6	5566.2	5335.0	5086.3	4716.5	4337.8	3973.5	3602.8
-47.5°	6050.4	5837.6	5613.6	5381.9	5177.1	4945.0	4642.0	4297.9	3962.8	3616.2	3236.7
-50°	5598.1	5395.5	5188.4	4973.4	4743.3	4481.5	4190.8	3890.6	3558.6	3202.8	2856.2
-52.5°	5103.7	4918.3	4722.8	4516.2	4278.6	4018.8	3746.4	3427.6	3096.5	2794.5	2479.2
-55°	4587.7	4404.7	4211.4	4005.0	3783.5	3526.5	3244.3	2954.3	2684.0	2404.7	2164.2
-57.5°	4016.8	3843.3	3659.2	3464.4	3259.8	3020.8	2773.2	2527.2	2313.1	2096.1	1877.8
-60°	3406.6	3244.7	3088.0	2915.3	2726.5	2520.8	2340.3	2158.7	1977.1	1803.9	1628.0
-62.5°	2815.6	2680.2	2539.4	2399.3	2255.7	2107.1	1957.5	1817.4	1674.2	1527.3	1397.9
-65°	2257.1	2154.0	2043.0	1946.0	1844.2	1736.7	1616.5	1506.7	1402.5	1294.9	1184.9
-67.5°	1788.2	1714.6	1636.2	1559.7	1489.8	1415.6	1331.1	1242.2	1159.7	1080.0	999.0
-70°	1402.8	1354.1	1303.1	1247.3	1191.6	1135.6	1073.4	1008.0	941.7	882.1	824.9
-72.5°	1076.7	1043.1	1004.4	964.1	921.2	883.1	840.6	796.5	751.6	706.3	663.2
-75°	833.1	808.7	782.2	752.2	715.8	672.8	640.9	619.4	592.3	559.3	523.3
-77.5°	658.9	641.2	622.1	596.5	570.0	542.6	515.5	488.8	462.4	437.5	414.6
-80°	484.8	476.4	465.9	444.7	423.4	402.3	382.1	365.7	350.3	333.4	312.6
-82.5°	284.6	283.6	280.6	268.7	256.8	245.0	233.6	222.1	209.9	197.2	184.3
-85°	91.9	96.9	101.0	103.0	104.2	104.5	103.9	100.9	97.4	93.4	89.0
-87.5°	20.1	20.2	20.2	21.0	21.7	22.4	22.9	24.0	25.0	25.7	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: P645555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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°	1.3	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	1.9	2.0
82.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.4	2.8	2.9
80°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.4	2.9	3.3
77.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.4	2.9	3.3
75°	1.9	1.9	1.9	2.0	2.0	1.9	1.9	2.0	2.5	2.9	3.4
72.5°	1.9	1.9	1.9	2.1	2.4	2.4	2.2	2.1	2.5	3.0	3.4
70°	2.2	2.0	1.9	2.2	2.6	3.0	2.9	3.0	2.6	3.0	3.4
67.5°	2.7	2.8	2.6	2.6	2.7	3.1	3.6	4.2	4.1	3.1	3.5
65°	2.9	3.3	3.9	5.2	4.6	3.2	3.7	7.3	5.8	4.9	3.5
62.5°	6.1	3.4	11.7	15.7	8.9	6.9	5.5	16.2	10.2	6.9	5.0
60°	14.6	12.0	32.8	52.5	36.6	12.3	18.1	28.1	25.8	9.0	7.0
57.5°	136.4	46.9	68.0	98.3	96.5	52.4	38.2	51.0	43.9	25.3	9.9
55°	291.2	245.1	161.8	148.2	160.1	129.2	84.1	82.5	67.7	46.9	16.1
52.5°	399.5	416.9	362.9	253.5	220.8	210.3	164.3	119.7	106.3	70.4	40.8
50°	578.3	538.6	533.1	447.6	309.6	280.2	242.5	187.0	149.1	100.7	68.9
47.5°	817.0	717.7	665.0	626.5	493.9	357.2	318.1	255.7	196.4	145.1	98.3
45°	1167.5	927.6	825.7	763.3	676.8	502.3	398.1	322.5	256.0	194.8	129.1
42.5°	1519.5	1199.3	1009.3	908.5	818.5	666.2	483.7	399.5	314.0	245.4	168.2
40°	1830.2	1479.5	1202.2	1072.6	957.6	824.6	622.2	481.9	370.9	297.4	212.7
37.5°	2204.3	1798.5	1424.2	1244.7	1105.9	956.8	762.8	567.9	439.3	352.1	257.2
35°	2566.2	2211.5	1672.7	1452.5	1270.9	1092.5	898.2	669.6	523.3	407.6	301.8
32.5°	2954.7	2599.9	2047.9	1684.6	1441.8	1231.1	1024.7	793.2	607.7	463.8	346.2
30°	3260.6	2855.6	2377.2	1916.9	1627.6	1385.7	1151.1	911.9	692.4	520.4	391.0
27.5°	3422.8	3076.8	2637.0	2175.8	1836.8	1544.3	1281.3	1025.3	776.9	582.7	437.6
25°	3590.5	3232.7	2822.8	2402.1	2043.3	1712.1	1411.0	1133.5	869.3	653.0	483.8
22.5°	3791.1	3365.2	2979.4	2581.4	2256.3	1882.3	1546.9	1242.9	961.6	721.8	529.2
20°	3992.5	3488.2	3133.9	2825.5	2465.4	2066.4	1689.1	1349.7	1048.7	788.9	573.7
17.5°	4204.0	3711.7	3396.3	3063.6	2673.7	2244.8	1829.1	1453.1	1130.4	853.9	616.8
15°	4572.0	4046.2	3660.6	3295.4	2881.0	2416.4	1965.7	1552.5	1206.7	916.2	657.0
12.5°	4906.2	4357.6	3925.1	3519.4	3084.9	2580.1	2097.6	1647.0	1277.3	966.0	692.8
10°	5182.7	4646.5	4186.5	3734.5	3282.8	2734.6	2223.2	1724.1	1319.6	1003.1	725.7
7.5°	5409.1	4913.4	4441.4	3939.2	3452.8	2835.5	2286.6	1769.0	1352.4	1034.8	755.7
5°	5572.7	5091.5	4576.8	4010.5	3505.9	2877.0	2329.7	1805.5	1378.9	1061.1	782.8
2.5°	5619.9	5146.2	4627.7	4049.6	3541.8	2903.8	2360.5	1833.5	1399.3	1082.5	806.8
0°	5647.3	5182.2	4659.5	4073.6	3560.2	2916.6	2379.1	1852.7	1413.7	1099.3	827.7
-2.5°	5685.6	5213.3	4690.3	4135.3	3572.4	2955.6	2389.6	1865.2	1431.9	1105.3	839.9
-5°	5704.7	5225.4	4705.0	4176.8	3569.2	2978.9	2388.3	1869.2	1443.8	1107.4	848.8
-7.5°	5696.3	5221.3	4705.6	4189.8	3553.1	2984.3	2375.3	1865.0	1448.6	1105.9	854.4
-10°	5670.6	5200.2	4687.6	4156.2	3538.2	2963.3	2352.2	1853.1	1445.8	1101.2	856.6
-12.5°	5631.6	5160.6	4650.9	4107.8	3507.2	2919.7	2324.9	1832.8	1434.1	1093.6	855.1
-15°	5580.9	5103.0	4595.1	4046.4	3456.3	2861.9	2284.0	1803.3	1411.4	1084.9	850.1
-17.5°	5515.9	5027.9	4519.9	3973.4	3384.6	2790.2	2229.0	1764.9	1382.9	1074.4	839.9
-20°	5399.8	4927.1	4424.4	3890.5	3291.5	2705.3	2159.7	1717.6	1349.1	1059.3	825.2

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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°	5269.3	4802.3	4305.3	3778.6	3179.3	2607.6	2076.0	1661.3	1310.0	1039.8	807.7
-25°	5130.2	4661.8	4166.9	3623.7	3055.3	2504.4	1992.1	1596.2	1266.1	1015.6	787.3
-27.5°	4966.8	4502.6	4010.1	3453.1	2911.4	2384.7	1911.7	1538.5	1223.5	986.8	764.1
-30°	4783.2	4315.5	3814.0	3271.1	2753.6	2246.2	1821.5	1476.9	1187.5	955.3	738.2
-32.5°	4572.7	4109.3	3596.8	3084.8	2587.0	2099.3	1722.0	1411.0	1145.9	921.9	714.3
-35°	4333.1	3869.4	3366.5	2884.8	2410.5	1980.6	1624.7	1341.1	1098.7	885.8	689.2
-37.5°	4083.5	3611.9	3136.3	2675.9	2222.8	1852.1	1537.1	1272.0	1046.0	847.1	661.3
-40°	3798.6	3347.0	2894.7	2460.8	2060.3	1714.1	1442.4	1203.9	996.3	805.9	630.9
-42.5°	3505.0	3069.1	2642.7	2233.0	1899.9	1601.8	1343.2	1130.5	943.7	766.2	597.9
-45°	3188.5	2775.8	2374.6	2041.1	1736.8	1482.9	1256.4	1054.4	887.7	725.5	563.8
-47.5°	2854.6	2466.5	2131.1	1841.2	1598.1	1363.3	1164.0	988.6	828.8	681.9	529.6
-50°	2500.9	2178.5	1906.7	1667.5	1448.6	1255.7	1072.0	919.7	774.9	633.7	493.8
-52.5°	2187.4	1929.2	1704.3	1499.5	1316.8	1142.5	992.7	849.0	719.3	587.6	456.4
-55°	1918.9	1707.2	1517.4	1347.0	1186.2	1045.4	910.3	786.3	662.2	541.4	418.5
-57.5°	1687.0	1502.0	1350.0	1202.0	1069.2	949.2	835.3	722.2	607.5	493.5	388.4
-60°	1464.2	1326.1	1190.9	1071.9	959.4	857.6	764.6	658.1	552.2	445.6	355.1
-62.5°	1271.7	1153.8	1051.6	947.9	854.5	771.5	693.2	595.4	495.4	401.3	318.9
-65°	1091.4	1000.8	913.8	831.0	753.6	683.2	619.9	531.1	438.4	354.4	281.3
-67.5°	920.0	851.8	783.5	714.1	653.1	596.2	542.0	461.8	378.8	305.0	244.1
-70°	767.0	708.8	655.2	603.6	554.2	506.7	455.7	388.0	316.6	260.7	205.9
-72.5°	622.6	580.0	535.5	493.1	456.6	414.9	367.9	315.1	265.1	215.7	167.0
-75°	488.9	460.8	429.5	395.8	361.7	324.5	293.4	256.5	212.8	169.7	134.5
-77.5°	391.2	363.8	332.4	305.6	282.7	257.2	229.0	196.9	162.3	132.0	104.0
-80°	288.6	267.6	249.8	234.4	213.2	190.0	166.6	143.2	118.0	94.5	72.9
-82.5°	176.0	171.4	166.5	159.3	141.7	124.5	107.6	90.9	73.0	56.5	46.8
-85°	88.0	86.2	83.6	79.9	69.1	58.5	53.6	48.7	42.6	36.8	31.3
-87.5°	28.9	31.1	32.9	34.1	31.7	29.3	26.8	24.4	21.4	18.4	15.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P645555 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	0.6	0.5	0.3	0.2	0.0
85°	1.9	1.6	1.3	1.0	0.6	0.4	0.0
82.5°	2.9	2.4	1.9	1.4	1.0	0.6	0.0
80°	3.7	3.2	2.6	1.9	1.3	0.8	0.0
77.5°	3.7	3.7	3.2	2.4	1.6	1.0	0.0
75°	3.7	3.9	3.7	2.9	1.9	1.2	0.0
72.5°	3.8	4.0	3.9	3.3	2.3	1.4	0.0
70°	3.9	4.1	4.1	3.7	2.6	1.6	0.0
67.5°	4.4	4.3	4.3	3.9	2.9	1.8	0.0
65°	5.0	4.9	4.5	4.1	3.3	2.0	0.0
62.5°	5.8	6.1	4.7	4.3	3.6	2.2	0.0
60°	6.9	7.5	4.9	4.5	3.9	2.4	0.0
57.5°	12.7	8.9	6.3	4.7	4.2	2.6	0.0
55°	20.3	10.6	7.9	4.9	4.4	2.8	0.0
52.5°	29.1	13.6	9.5	5.1	4.6	2.9	0.0
50°	39.3	23.1	11.2	5.3	4.8	3.1	0.0
47.5°	52.8	33.4	13.0	5.8	5.0	3.3	0.0
45°	79.6	44.4	14.9	7.2	5.3	3.5	0.0
42.5°	107.1	56.1	16.8	8.7	5.5	3.7	0.0
40°	135.2	68.5	22.6	10.5	5.7	3.8	0.0
37.5°	163.8	81.5	32.3	12.7	6.0	4.0	0.0
35°	192.9	101.3	42.1	15.2	6.2	4.1	0.0
32.5°	224.4	124.2	52.1	17.9	6.5	4.3	0.0
30°	260.5	147.0	62.2	20.9	6.7	4.4	0.0
27.5°	295.8	169.5	74.6	24.0	6.9	4.6	0.0
25°	330.3	191.6	87.3	27.3	7.2	4.7	0.0
22.5°	363.8	214.1	100.0	30.8	7.4	4.8	0.0
20°	396.2	238.3	112.6	34.3	7.7	5.0	0.0
17.5°	428.2	261.8	124.9	37.9	7.9	5.1	0.0
15°	459.0	284.3	137.0	41.6	8.1	5.2	0.0
12.5°	487.8	305.8	148.7	45.2	8.3	5.3	0.0
10°	514.5	326.1	159.8	48.7	8.6	5.4	0.0
7.5°	539.0	345.0	170.3	52.2	8.8	5.4	0.0
5°	561.3	362.5	180.2	55.5	8.9	5.5	0.0
2.5°	581.3	378.4	189.1	58.6	9.1	5.6	0.0
0°	599.0	392.5	197.2	61.4	9.3	5.6	0.0
-2.5°	607.8	401.5	204.7	65.4	10.8	5.9	0.0
-5°	614.2	408.5	211.1	69.1	12.2	6.2	0.0
-7.5°	618.3	413.6	216.3	72.3	13.6	6.5	0.0
-10°	620.1	416.9	220.2	75.2	14.9	6.8	0.0
-12.5°	619.8	418.2	222.8	77.6	16.2	7.0	0.0
-15°	617.3	417.6	224.1	79.5	17.4	7.3	0.0
-17.5°	612.8	415.1	224.0	80.9	18.5	7.5	0.0
-20°	605.8	410.7	222.3	81.7	19.6	7.7	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	595.7	404.4	219.2	82.0	20.5	7.8	0.0
-25°	583.2	394.7	214.5	81.6	21.3	7.9	0.0
-27.5°	568.4	382.6	208.3	80.6	22.0	8.0	0.0
-30°	551.3	368.8	200.4	78.9	22.6	8.1	0.0
-32.5°	531.8	353.3	191.3	76.6	23.0	8.1	0.0
-35°	510.8	336.3	181.2	73.6	23.3	8.1	0.0
-37.5°	488.2	319.2	170.0	69.9	23.5	8.0	0.0
-40°	463.8	303.7	157.9	65.6	23.5	8.0	0.0
-42.5°	437.8	287.1	148.7	60.9	23.4	7.8	0.0
-45°	410.1	269.4	142.4	56.1	23.1	7.7	0.0
-47.5°	380.9	250.7	134.9	50.7	22.7	7.5	0.0
-50°	356.4	231.0	126.4	48.9	22.1	7.3	0.0
-52.5°	331.9	210.4	116.8	47.9	21.4	7.0	0.0
-55°	306.5	194.8	106.1	46.4	20.6	6.7	0.0
-57.5°	280.1	179.0	94.4	44.4	19.6	6.4	0.0
-60°	253.3	161.7	82.1	41.9	18.5	6.0	0.0
-62.5°	228.9	143.0	76.3	38.9	17.4	5.6	0.0
-65°	202.7	123.1	69.7	35.5	16.1	5.2	0.0
-67.5°	174.9	106.4	62.2	31.7	14.8	4.8	0.0
-70°	145.5	93.1	54.1	27.5	13.4	4.3	0.0
-72.5°	123.1	78.8	45.4	24.2	11.9	3.8	0.0
-75°	100.6	63.7	36.1	21.0	10.3	3.3	0.0
-77.5°	77.0	47.7	29.9	17.7	8.7	2.8	0.0
-80°	52.6	36.4	24.1	14.3	7.0	2.2	0.0
-82.5°	38.6	27.5	18.2	10.8	5.3	1.7	0.0
-85°	25.9	18.4	12.2	7.3	3.6	1.1	0.0
-87.5°	13.0	9.2	6.1	3.6	1.8	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)