

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



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

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P627860 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-727-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627860 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6C-727-U-VWR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

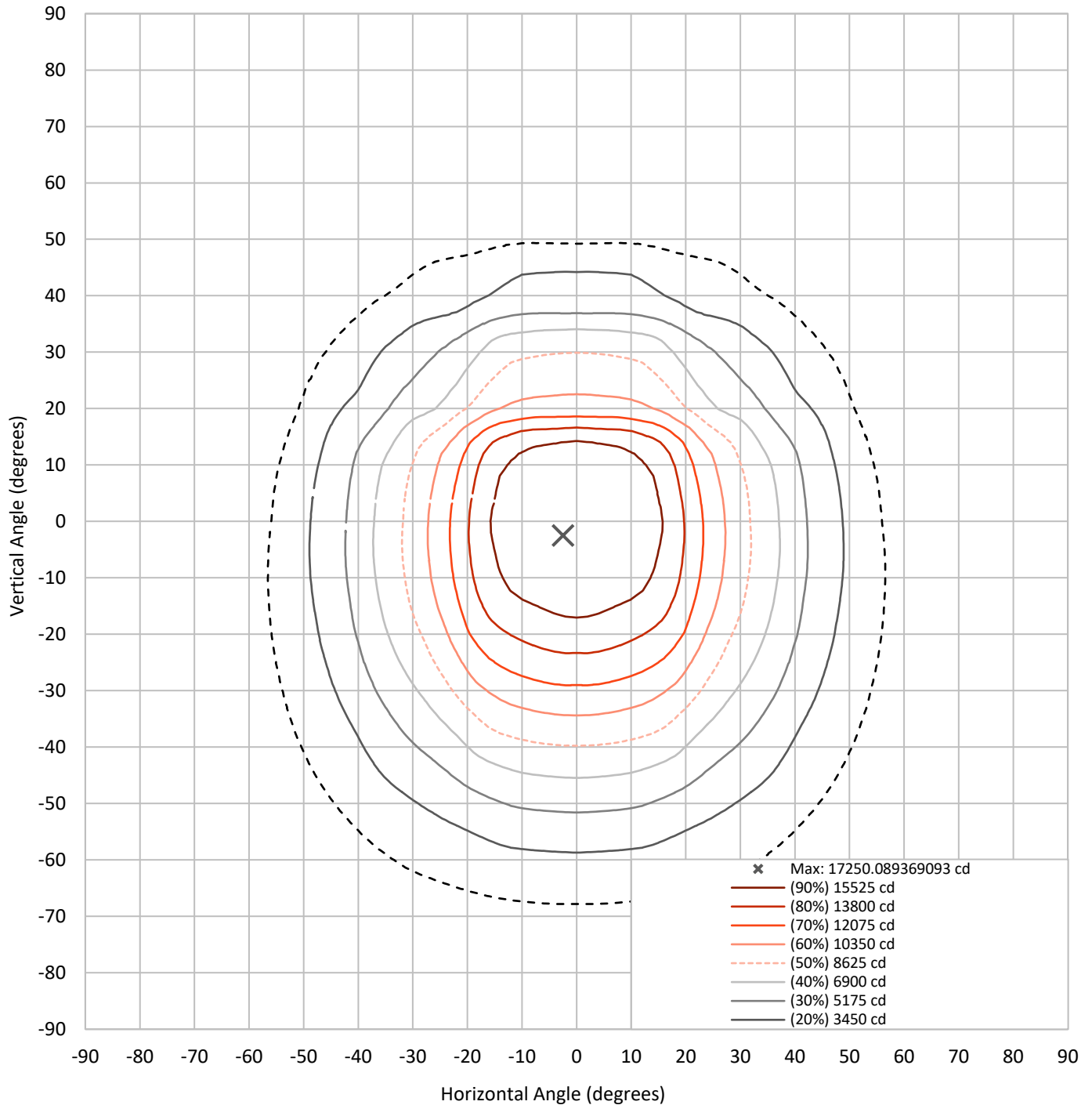
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	23020.8 lumens	Max Intensity:	17250.1 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	93.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	13319.1 lumens	Field Lumens:	21845.3 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
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

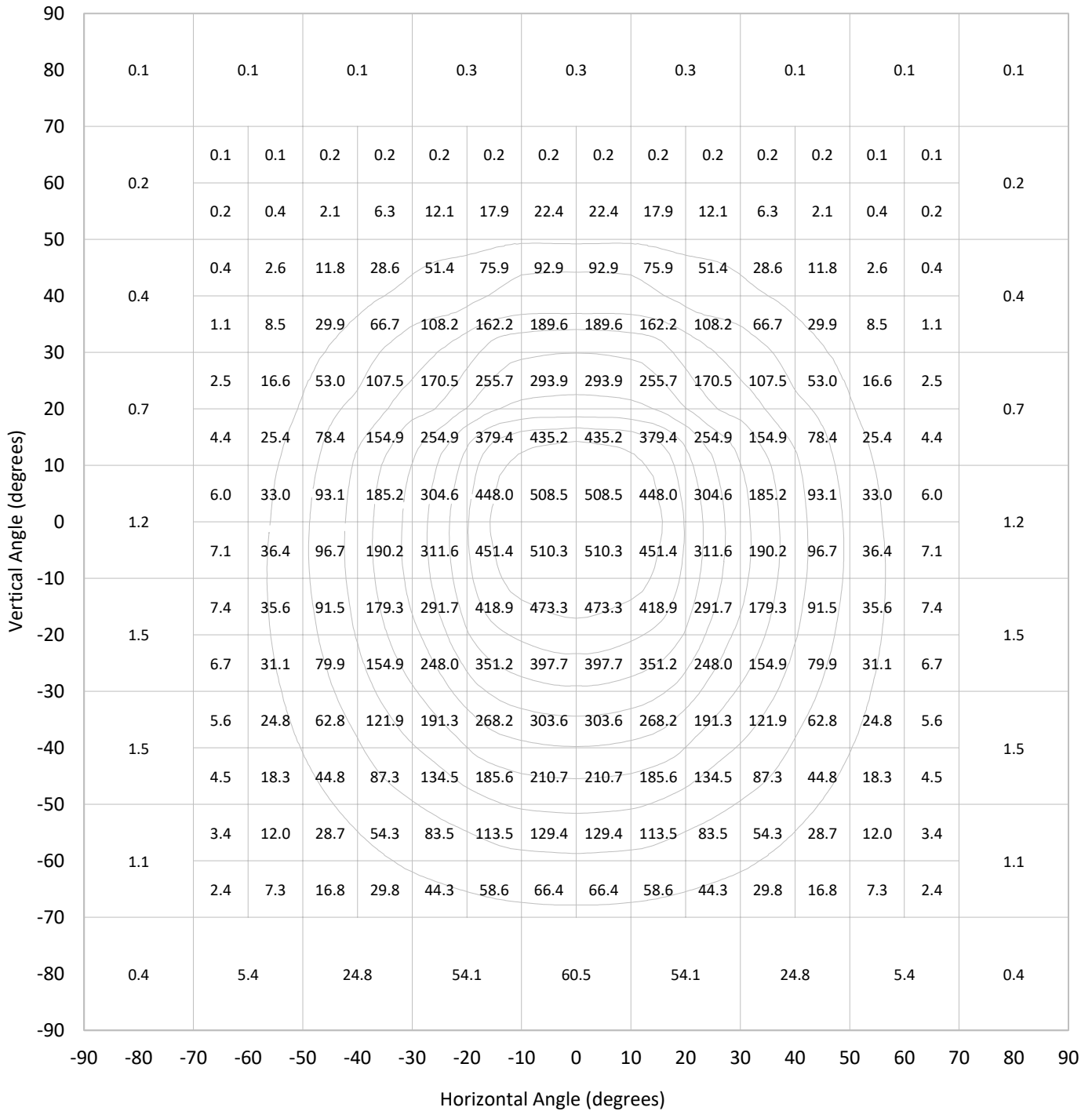




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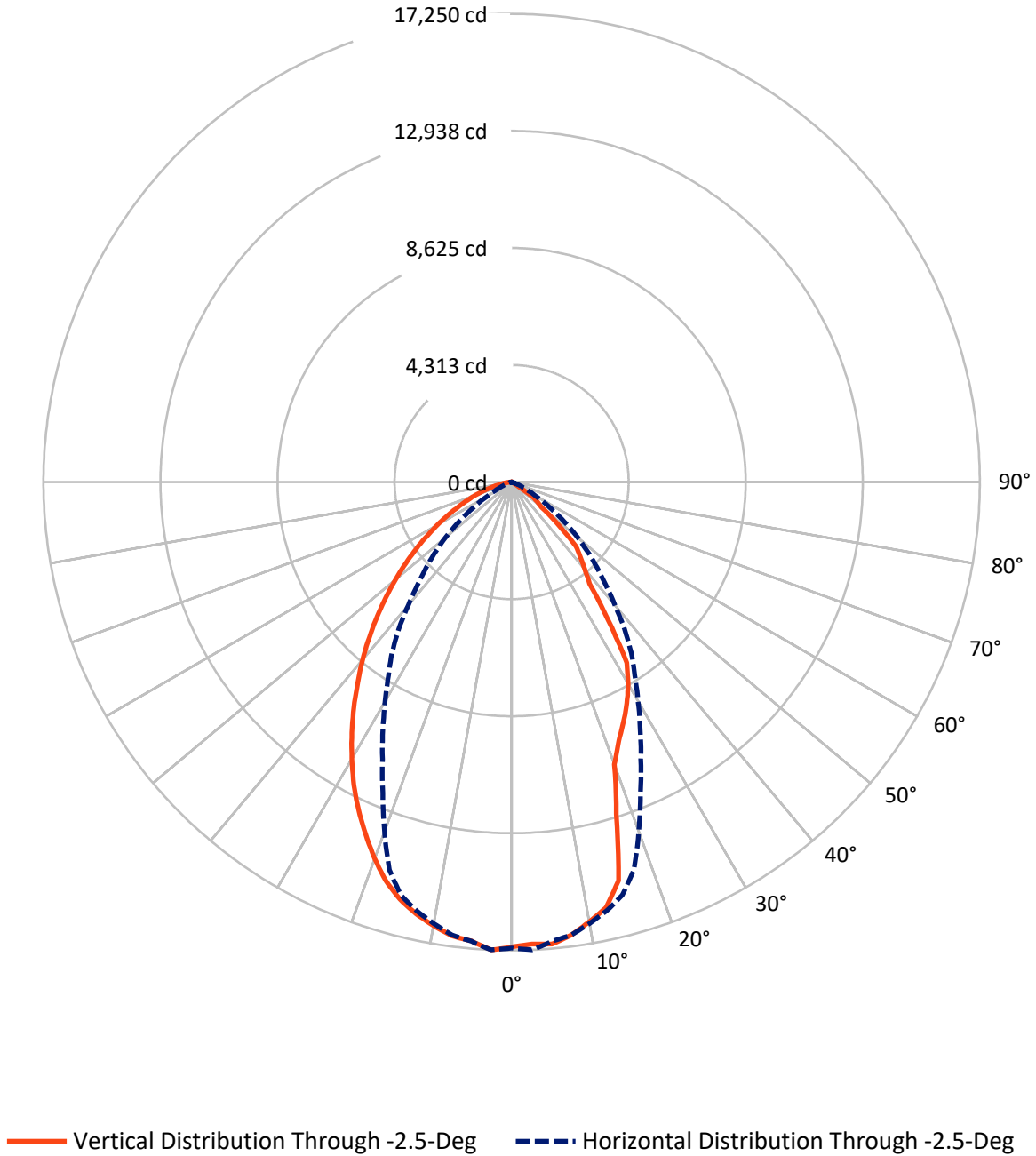
CATALOG NUMBER: GFLD-SA6C-727-U-VWR-VSR-XX

Lumen Table



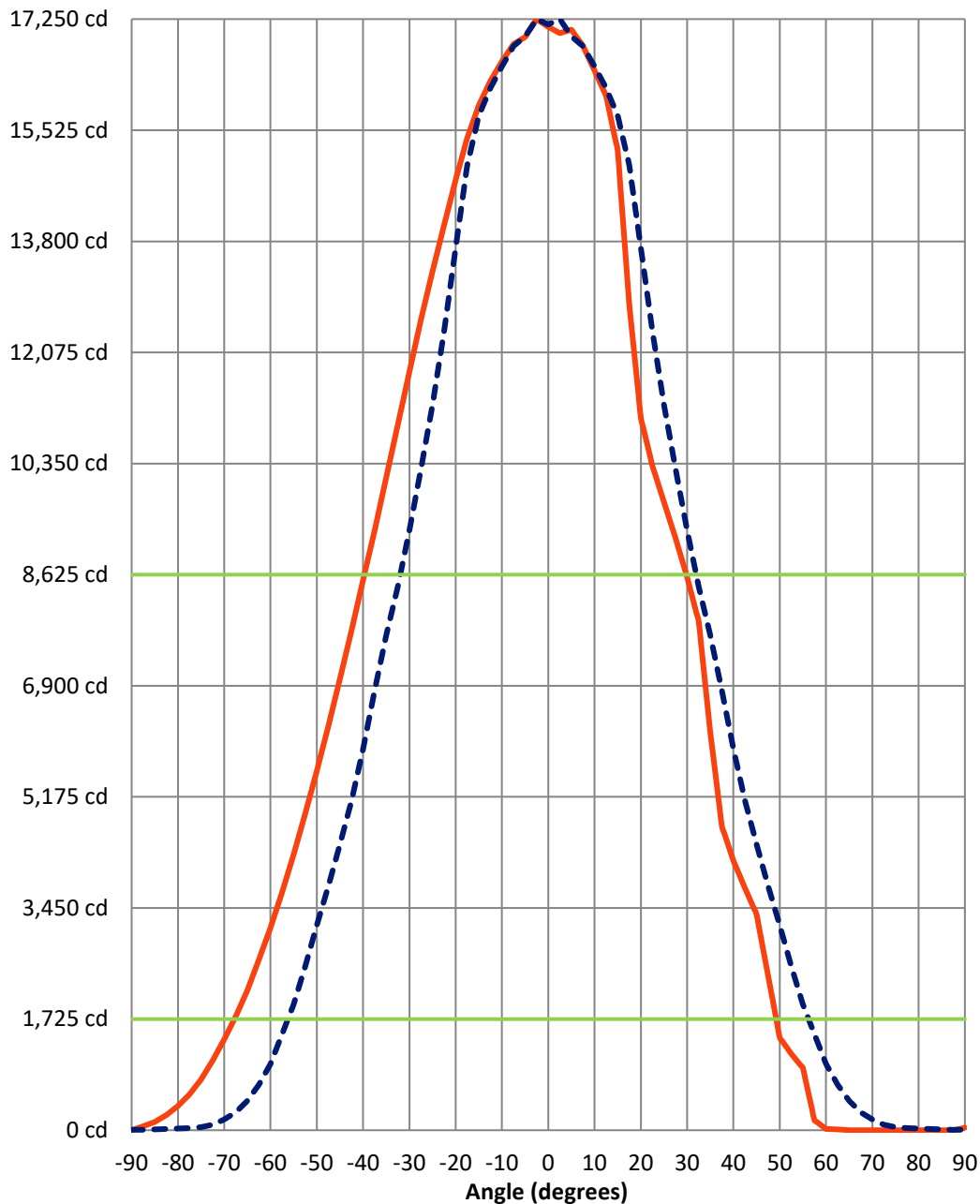
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 13319.1
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 21845.3
 Efficiency: 94.9%

Spill:
 Lumens: 1175.5
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg
 - - Horizontal Distribution through -2.5-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°	6.4	6.4	6.4	8.0	9.7	11.3	12.9	14.5	16.1	17.7	19.3
87.5°	6.4	6.4	6.4	6.2	5.8	5.4	4.7	3.4	2.1	1.0	0.0
85°	6.4	6.4	6.4	6.0	5.3	4.3	3.1	1.9	1.0	0.4	0.0
82.5°	6.4	6.4	6.4	5.8	4.8	3.3	1.5	0.5	0.2	0.9	1.7
80°	6.4	6.4	6.4	5.6	4.3	2.4	0.3	1.3	2.3	3.4	4.4
77.5°	6.4	6.4	6.4	5.4	3.8	2.1	2.0	3.2	4.5	5.8	5.8
75°	6.4	6.4	6.4	5.3	3.5	3.2	3.6	5.0	6.3	5.2	3.4
72.5°	6.4	6.4	6.4	5.2	4.1	4.1	5.1	6.3	5.4	3.7	1.1
70°	6.4	6.4	6.4	5.1	4.6	5.1	6.4	6.1	4.7	2.4	2.9
67.5°	6.4	6.4	6.4	5.3	5.1	6.0	6.6	5.9	4.2	5.0	5.7
65°	6.4	6.4	6.4	5.6	5.6	6.6	6.8	5.8	6.4	7.5	7.9
62.5°	6.4	6.4	6.4	5.7	6.0	7.1	7.2	7.3	8.7	9.8	8.9
60°	6.4	6.4	6.4	5.9	6.4	7.7	7.6	9.2	10.9	11.2	10.1
57.5°	6.4	6.4	6.5	6.1	7.0	8.3	9.2	11.1	12.8	12.9	12.6
55°	6.4	6.4	6.6	6.2	7.7	9.0	10.8	13.1	14.7	14.9	15.7
52.5°	6.4	6.4	6.7	6.3	8.4	9.9	12.4	14.9	16.8	17.7	18.7
50°	6.4	6.4	6.8	6.4	9.1	11.2	14.0	16.7	19.1	20.5	21.7
47.5°	6.4	6.4	7.0	6.5	9.8	12.5	15.5	18.5	21.5	23.2	24.7
45°	6.4	6.4	7.2	7.1	10.6	13.7	17.0	20.3	23.8	25.9	27.7
42.5°	6.4	6.4	7.4	7.7	11.4	14.9	18.5	22.3	26.2	28.5	33.6
40°	6.4	6.4	7.6	8.5	12.3	16.1	20.0	24.5	28.7	31.2	40.2
37.5°	6.4	6.4	7.9	9.4	13.2	17.3	21.3	26.7	31.4	35.4	46.8
35°	6.4	6.4	8.2	10.2	14.1	18.4	22.7	29.1	34.2	43.6	59.5
32.5°	6.4	6.4	8.5	11.1	15.0	19.5	24.2	31.5	37.2	53.1	85.0
30°	6.4	6.4	8.8	11.9	15.8	20.5	26.1	33.9	40.2	63.9	109.7
27.5°	6.4	6.4	9.1	12.6	16.8	21.5	28.0	36.4	45.6	76.0	133.7
25°	6.4	6.4	9.4	13.4	17.8	22.5	29.9	38.9	54.9	93.6	157.1
22.5°	6.4	6.4	9.8	14.1	18.8	23.5	31.8	41.5	64.7	113.0	188.1
20°	6.4	6.4	10.2	14.8	19.7	24.7	33.6	44.0	74.9	131.3	218.9
17.5°	6.4	6.4	10.5	15.5	20.7	25.8	35.5	46.5	85.3	148.7	249.2
15°	6.4	6.4	10.9	16.1	21.5	26.9	37.3	49.7	95.7	164.9	278.6
12.5°	6.4	6.4	11.2	16.8	22.3	27.9	38.9	54.2	107.3	180.0	306.8
10°	6.4	6.4	11.6	17.3	23.1	28.9	40.4	58.9	119.6	197.5	335.0
7.5°	6.4	6.4	12.0	17.9	23.9	29.8	41.8	63.7	131.2	214.5	364.8
5°	6.4	6.4	12.3	18.4	24.6	30.7	43.1	68.5	142.2	230.3	392.1
2.5°	6.4	6.4	12.6	18.9	25.2	31.5	44.2	73.0	152.2	244.7	416.6
0°	6.4	6.4	12.9	19.3	25.8	32.2	45.1	77.3	161.0	257.6	437.9
-2.5°	6.4	6.4	12.9	19.3	25.8	32.2	45.1	77.3	161.0	257.6	437.9
-5°	6.4	6.4	12.9	19.2	26.8	33.5	49.9	92.3	172.5	295.7	472.8
-7.5°	6.4	6.4	12.8	19.1	27.2	34.0	51.9	98.6	176.5	310.3	485.0
-10°	6.4	6.4	12.7	19.0	27.5	34.5	53.5	103.8	179.5	320.8	494.0
-12.5°	6.4	6.4	12.6	18.8	27.7	34.9	54.8	107.7	181.5	326.3	501.0
-15°	6.4	6.4	12.5	18.6	27.8	35.3	55.6	110.1	185.3	325.7	503.6
-17.5°	6.4	6.4	12.3	18.4	27.7	35.6	55.8	112.4	190.9	322.4	500.5
-20°	6.4	6.4	12.1	18.1	27.6	35.8	57.3	114.7	194.5	316.5	491.3

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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°	6.4	6.4	11.9	17.8	27.2	35.9	61.0	115.7	196.1	308.0	475.7
-25°	6.4	6.4	11.7	17.5	26.7	38.3	64.0	115.4	195.5	297.1	453.4
-27.5°	6.4	6.4	11.4	17.1	26.1	41.3	66.3	113.6	192.8	287.8	437.1
-30°	6.4	6.4	11.2	16.7	25.5	43.9	67.9	110.5	189.2	283.6	418.8
-32.5°	6.4	6.4	10.9	16.3	26.4	46.0	68.8	110.7	184.6	276.6	398.2
-35°	6.4	6.4	10.5	15.8	27.1	47.7	70.6	111.3	178.2	266.6	375.3
-37.5°	6.4	6.4	10.2	15.3	27.5	48.8	72.5	110.8	169.9	253.7	365.0
-40°	6.4	6.4	9.9	14.8	27.7	49.1	73.7	109.4	159.9	241.3	353.6
-42.5°	6.4	6.4	9.5	14.5	27.9	49.2	74.1	106.8	154.2	231.3	336.0
-45°	6.4	6.4	9.1	14.6	28.0	48.8	73.7	104.6	150.0	219.0	314.0
-47.5°	6.4	6.4	8.7	14.5	27.8	48.1	72.6	103.1	144.6	204.2	296.6
-50°	6.4	6.4	8.3	14.3	27.3	46.9	71.1	100.5	140.3	198.9	276.0
-52.5°	6.4	6.4	7.8	14.0	26.5	45.5	69.1	97.0	136.7	191.9	253.8
-55°	6.4	6.4	7.4	13.6	25.4	43.6	66.6	92.6	132.2	183.2	243.2
-57.5°	6.4	6.4	6.9	13.1	24.0	41.2	63.6	88.7	126.0	174.0	230.6
-60°	6.4	6.4	6.4	12.5	22.3	38.4	60.1	84.3	118.1	163.1	216.2
-62.5°	6.4	6.4	6.4	11.8	21.1	35.2	55.3	78.6	108.3	150.3	199.4
-65°	6.4	6.4	6.4	11.1	19.7	31.5	49.8	71.1	96.5	133.4	180.3
-67.5°	6.4	6.4	6.4	10.2	18.1	28.3	43.8	62.5	82.8	113.5	154.9
-70°	6.4	6.4	6.4	9.3	16.5	25.7	37.3	53.2	70.9	91.5	125.2
-72.5°	6.4	6.4	6.4	9.0	14.7	22.9	32.9	43.5	58.5	75.9	95.8
-75°	6.4	6.4	6.4	9.0	12.8	20.0	28.7	36.7	45.5	59.8	76.1
-77.5°	6.4	6.4	6.4	8.9	12.1	16.9	24.2	30.8	37.8	45.3	55.8
-80°	6.4	6.4	6.4	8.7	11.7	15.2	19.6	24.9	30.4	36.5	43.0
-82.5°	6.4	6.4	6.4	8.6	11.2	14.3	17.7	20.2	23.0	27.5	32.5
-85°	6.4	6.4	6.4	8.4	10.7	13.3	16.2	18.3	20.5	22.6	24.7
-87.5°	6.4	6.4	6.4	8.2	10.2	12.3	14.5	16.4	18.3	20.2	22.0
-90°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	4.8	3.2	1.6	0.0



REPORT NUMBER: P627860 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	20.9	22.6	24.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.9	1.7	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	4.2	3.4	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	3.6	1.8	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.4	0.1	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.1	1.8	1.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3.6	3.9	2.6	1.1	0.0	0.3	0.9	0.7	0.0	0.3	0.8
67.5°	6.0	4.4	2.9	1.8	2.4	3.2	3.0	3.2	3.5	3.8	3.3
65°	6.2	4.7	4.8	5.6	6.3	6.9	7.5	7.9	6.7	5.8	5.9
62.5°	6.7	7.2	8.4	9.4	10.3	11.2	11.3	10.0	7.6	9.5	10.9
60°	9.6	10.5	11.9	13.2	14.4	15.1	14.4	14.6	16.2	18.8	36.2
57.5°	12.9	13.8	15.4	17.4	19.2	19.5	20.0	21.8	51.0	83.4	92.1
55°	16.3	17.0	19.7	22.9	24.7	24.6	35.4	74.5	112.4	155.7	171.6
52.5°	19.6	21.0	25.6	29.4	31.9	49.7	89.5	142.6	198.6	248.3	312.5
50°	22.9	27.6	32.4	38.0	60.6	107.0	165.2	237.7	322.0	401.5	482.9
47.5°	28.7	34.5	41.8	59.9	119.5	183.8	264.3	381.0	485.1	581.2	692.7
45°	35.4	47.6	55.7	118.6	187.8	270.9	407.2	549.9	644.3	772.9	970.4
42.5°	42.4	65.9	106.4	179.2	263.5	397.5	566.6	688.1	813.7	1022.3	1229.9
40°	61.0	88.3	160.5	247.1	353.9	549.3	722.8	860.4	1031.9	1263.2	1480.0
37.5°	83.6	134.8	215.7	319.6	495.8	709.9	895.8	1092.3	1289.5	1507.5	1909.6
35°	108.8	178.0	285.7	425.8	637.8	888.1	1109.6	1329.2	1556.5	1985.8	2384.7
32.5°	141.5	217.8	358.8	549.3	791.2	1065.9	1323.2	1577.0	1941.5	2427.4	2827.7
30°	176.7	281.6	442.9	663.5	935.7	1228.8	1538.1	1845.5	2327.9	2730.0	3164.6
27.5°	213.6	349.0	541.6	782.9	1070.9	1382.6	1731.6	2170.2	2600.5	2997.7	3475.3
25°	251.4	419.3	631.8	897.1	1204.0	1548.8	1950.2	2484.4	2821.0	3260.0	3758.2
22.5°	300.1	486.5	721.1	1000.6	1327.4	1719.5	2231.5	2767.9	3164.1	3533.3	4019.9
20°	356.3	562.2	818.3	1130.3	1448.2	1886.3	2511.2	3075.4	3541.3	3964.1	4411.1
17.5°	408.8	632.9	922.3	1262.8	1624.0	2100.1	2785.7	3410.1	3922.8	4393.9	4951.9
15°	457.4	698.3	1024.1	1388.1	1796.9	2344.9	3031.8	3717.5	4303.0	4833.1	5467.2
12.5°	501.9	758.1	1122.2	1505.3	1959.6	2556.0	3238.4	3907.7	4551.2	5242.0	5961.6
10°	541.9	811.9	1214.9	1613.7	2110.5	2734.6	3409.2	4066.3	4715.6	5446.6	6246.2
7.5°	584.9	862.2	1299.0	1712.0	2247.8	2882.0	3545.6	4193.6	4848.4	5610.2	6431.1
5°	624.5	908.4	1365.8	1782.5	2353.9	2997.1	3648.2	4290.2	4949.2	5732.2	6571.2
2.5°	659.4	947.3	1420.2	1837.8	2432.5	3081.8	3714.8	4370.8	5024.0	5831.3	6678.1
0°	689.0	978.8	1461.7	1880.3	2492.0	3142.4	3754.1	4423.8	5067.8	5898.4	6748.4
-2.5°	707.9	1030.5	1490.2	1954.4	2543.9	3182.1	3789.3	4438.7	5114.9	5919.7	6827.4
-5°	721.2	1072.4	1507.4	2011.5	2577.9	3199.5	3800.8	4427.2	5127.4	5914.4	6839.0
-7.5°	729.0	1101.9	1515.5	2043.9	2589.9	3189.0	3781.3	4405.4	5106.9	5894.1	6787.9
-10°	733.5	1111.2	1526.4	2034.1	2574.2	3154.5	3737.7	4354.3	5048.5	5828.2	6690.7
-12.5°	745.6	1105.3	1524.5	2012.5	2540.3	3102.4	3673.1	4273.2	4951.1	5715.9	6556.4
-15°	748.6	1091.9	1506.2	1980.6	2488.5	3034.2	3588.5	4162.1	4831.1	5606.5	6407.9
-17.5°	741.9	1072.0	1470.6	1939.9	2419.2	2951.5	3488.9	4062.1	4718.5	5480.2	6251.9
-20°	724.6	1046.0	1416.7	1891.9	2337.0	2859.6	3389.2	3957.2	4589.1	5305.0	6077.3



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CATALOG NUMBER: GFLD-SA6C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	696.4	1014.6	1358.4	1824.9	2265.9	2754.1	3272.3	3814.3	4426.9	5077.9	5842.7
-25°	667.3	979.1	1312.4	1732.8	2180.5	2630.9	3138.0	3639.5	4236.4	4875.7	5554.3
-27.5°	639.6	929.7	1264.7	1631.9	2079.9	2499.3	2986.2	3475.3	4022.1	4648.7	5273.5
-30°	603.5	876.2	1206.4	1534.8	1959.6	2375.4	2816.8	3298.2	3789.9	4384.6	4999.3
-32.5°	571.5	820.6	1140.0	1460.9	1830.2	2235.8	2634.2	3093.0	3572.9	4079.8	4687.3
-35°	550.2	787.7	1069.7	1375.5	1698.3	2084.0	2462.9	2861.6	3326.3	3802.1	4335.5
-37.5°	532.9	749.9	995.6	1286.5	1593.7	1924.8	2279.6	2646.3	3051.8	3531.6	4033.0
-40°	505.7	707.4	940.8	1201.7	1472.7	1773.8	2103.1	2435.1	2786.6	3255.3	3750.1
-42.5°	470.9	666.2	889.0	1109.4	1357.0	1631.9	1924.5	2237.2	2575.1	2982.1	3436.9
-45°	444.1	613.6	831.6	1028.9	1233.9	1485.3	1760.1	2043.3	2362.0	2711.5	3120.0
-47.5°	410.0	556.3	756.4	940.8	1121.4	1336.0	1587.3	1855.4	2137.7	2452.6	2787.4
-50°	373.6	508.5	664.4	844.0	1016.2	1194.6	1409.0	1656.9	1913.0	2187.5	2486.2
-52.5°	345.9	452.7	595.0	744.5	908.6	1070.4	1252.9	1465.5	1694.2	1923.6	2186.4
-55°	314.7	411.6	528.9	662.9	802.6	952.4	1118.5	1304.7	1491.2	1701.9	1911.6
-57.5°	292.6	372.0	473.6	590.1	715.6	842.9	999.8	1157.1	1329.7	1504.1	1678.1
-60°	275.5	337.8	422.1	524.7	636.6	755.6	884.3	1029.6	1178.2	1320.5	1470.9
-62.5°	255.8	310.0	376.0	459.6	560.7	664.3	777.6	902.1	1036.6	1156.4	1272.9
-65°	230.3	277.5	334.1	402.1	481.5	569.0	665.6	770.7	886.8	984.1	1079.3
-67.5°	201.1	240.8	288.3	343.9	410.1	478.4	549.3	638.1	732.4	811.7	889.3
-70°	164.4	201.1	239.9	285.2	337.1	395.0	457.4	521.8	586.4	651.2	722.1
-72.5°	125.8	159.2	192.1	224.5	265.8	313.2	364.1	418.2	474.5	530.0	583.9
-75°	95.9	117.6	146.4	175.5	204.2	235.1	269.5	312.5	364.9	418.6	467.9
-77.5°	72.4	90.6	109.8	129.8	148.0	170.7	195.6	222.3	265.5	315.1	365.2
-80°	52.2	63.2	78.4	94.5	107.3	119.8	132.9	146.4	178.6	218.6	261.2
-82.5°	38.8	46.2	54.7	64.1	70.5	76.7	83.7	92.6	116.5	143.5	172.0
-85°	26.7	28.9	33.5	38.7	42.3	45.9	49.7	53.5	66.3	80.7	96.2
-87.5°	23.0	24.1	25.4	26.7	27.2	27.6	28.0	28.4	32.8	37.3	42.0
-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: P627860 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	25.8	27.4	29.0	30.6	32.2	33.8	35.4	37.0	38.6	38.6	38.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.5	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2.9	3.3	3.3	2.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0
65°	6.8	6.4	4.8	3.1	1.5	2.4	3.9	4.6	4.7	4.2	3.2
62.5°	10.2	9.3	8.5	9.8	11.7	13.6	13.0	12.3	11.4	10.9	11.3
60°	38.1	25.4	29.3	36.9	34.4	23.6	38.8	43.9	37.4	25.6	24.7
57.5°	96.5	93.2	106.7	155.9	171.6	156.4	186.8	226.8	225.6	194.3	193.3
55°	205.6	275.9	360.8	374.5	433.5	551.8	643.9	603.5	603.3	633.6	731.5
52.5°	390.6	456.9	481.6	547.5	670.9	760.4	817.9	877.5	942.8	1009.4	1076.9
50°	573.2	637.6	710.7	778.2	949.0	1040.9	1025.5	1148.9	1306.8	1405.4	1456.1
47.5°	840.8	942.3	1096.8	1338.8	1466.3	1558.4	1673.0	1812.8	1993.7	2239.0	2428.0
45°	1155.9	1315.5	1554.5	1811.6	2009.4	2099.5	2230.7	2447.1	2735.5	3016.3	3221.4
42.5°	1413.4	1632.4	1902.0	2147.6	2309.0	2457.0	2626.8	2809.3	3139.6	3439.6	3676.6
40°	1749.5	1920.0	2222.5	2454.1	2598.5	2745.3	3014.3	3287.5	3598.1	3877.6	4071.8
37.5°	2175.5	2367.3	2682.0	2943.9	3083.0	3134.9	3592.4	3972.7	4225.2	4581.9	4698.6
35°	2633.0	2948.9	3349.8	3689.5	3825.8	4098.0	4569.3	5099.9	5674.6	5886.1	6066.3
32.5°	3143.6	3533.2	4077.3	4441.7	4636.3	5049.3	5645.9	6212.1	6963.8	7371.7	7493.6
30°	3610.6	4057.8	4525.4	4879.6	5212.2	5709.7	6253.7	6951.9	7646.9	8168.5	8330.5
27.5°	3953.4	4448.1	4897.7	5229.4	5604.8	6141.0	6819.3	7526.4	8208.7	8740.8	8929.9
25°	4280.5	4839.8	5195.7	5581.4	6022.2	6606.6	7358.3	8144.0	8816.0	9265.7	9497.6
22.5°	4652.6	5204.1	5586.1	5912.9	6489.2	7162.6	7860.4	8748.2	9460.1	9819.0	10070.3
20°	5036.7	5660.6	6250.8	6554.8	7053.4	7906.1	8687.2	9525.3	10212.8	10586.8	10851.6
17.5°	5572.6	6367.7	7091.6	7522.0	8056.0	9075.5	10050.2	10898.0	11854.3	12192.1	12515.8
15°	6137.7	7057.9	7905.9	8587.8	9277.5	10287.7	11542.3	12565.4	13656.7	14144.1	14695.0
12.5°	6701.0	7571.8	8340.1	9219.7	10191.8	11085.3	12279.8	13553.9	14544.1	15165.6	15536.6
10°	7122.0	7930.8	8670.1	9551.8	10522.1	11532.9	12719.8	14025.9	15062.4	15592.8	15895.6
7.5°	7349.3	8123.4	8903.3	9796.7	10762.6	11839.2	13062.1	14357.8	15417.8	15931.7	16230.6
5°	7518.1	8261.6	9069.1	10009.6	10986.2	12077.8	13299.1	14579.4	15545.8	16091.9	16469.9
2.5°	7620.3	8349.1	9174.7	10147.1	11126.2	12263.1	13543.4	14870.5	15716.1	16155.5	16503.1
0°	7649.9	8384.0	9234.0	10219.2	11223.8	12370.0	13638.5	14952.1	15808.6	16233.6	16587.7
-2.5°	7683.2	8439.1	9312.4	10265.9	11261.9	12404.9	13699.7	14979.8	15750.2	16179.0	16516.0
-5°	7660.0	8443.3	9314.0	10227.3	11229.9	12363.7	13606.8	14803.6	15609.5	16073.1	16408.2
-7.5°	7590.7	8385.2	9246.8	10124.6	11108.0	12254.7	13492.6	14645.1	15461.5	15950.4	16317.0
-10°	7489.9	8261.1	9128.8	10017.7	10989.3	12080.9	13299.7	14445.3	15226.7	15745.8	16173.0
-12.5°	7378.1	8133.4	8969.6	9822.3	10783.3	11861.4	13042.3	14126.7	14903.5	15469.7	15775.0
-15°	7212.4	7967.3	8766.8	9591.5	10528.2	11574.1	12702.1	13742.6	14505.3	14966.1	15303.4
-17.5°	7001.7	7742.4	8500.3	9282.6	10165.1	11195.0	12330.0	13356.1	13977.9	14389.4	14721.0
-20°	6776.1	7461.0	8179.0	8917.2	9772.6	10792.9	11907.5	12802.5	13388.5	13783.9	14097.0



REPORT NUMBER: P627860 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	6518.3	7177.9	7835.1	8540.8	9379.5	10315.0	11299.5	12164.4	12794.4	13154.6	13444.0
-25°	6224.0	6865.7	7489.9	8171.4	8942.2	9783.0	10698.4	11548.4	12112.7	12495.3	12782.2
-27.5°	5907.1	6509.9	7119.7	7731.7	8424.7	9262.5	10110.2	10899.8	11381.5	11767.1	12055.7
-30°	5590.8	6133.0	6697.2	7276.6	7927.0	8682.3	9475.3	10139.3	10647.3	11021.9	11289.9
-32.5°	5248.0	5762.6	6262.3	6803.9	7416.2	8082.0	8777.9	9409.5	9952.3	10295.4	10521.3
-35°	4897.0	5395.1	5852.5	6344.0	6884.1	7458.7	8101.0	8723.9	9260.0	9531.5	9751.6
-37.5°	4531.3	5027.9	5461.6	5872.3	6337.5	6869.6	7495.2	8089.6	8552.7	8786.1	8984.5
-40°	4213.3	4650.5	5040.9	5433.9	5812.1	6284.6	6868.4	7443.9	7815.5	8042.9	8227.2
-42.5°	3904.6	4273.4	4593.1	4945.3	5324.0	5789.8	6260.8	6743.3	7042.0	7294.4	7488.6
-45°	3545.0	3874.7	4174.5	4467.5	4812.8	5238.0	5666.0	6052.4	6332.2	6576.2	6765.2
-47.5°	3147.4	3465.7	3756.8	4018.7	4339.6	4694.3	5054.7	5376.3	5652.5	5893.6	6062.3
-50°	2776.9	3061.2	3345.4	3610.5	3888.6	4175.5	4467.8	4750.1	5012.3	5246.6	5390.1
-52.5°	2444.9	2707.3	2955.7	3187.4	3430.8	3673.2	3915.3	4173.7	4415.0	4636.7	4751.3
-55°	2144.5	2381.1	2605.3	2800.5	2995.7	3188.0	3395.5	3634.1	3856.3	4061.7	4144.0
-57.5°	1874.9	2077.3	2275.7	2440.8	2600.2	2753.2	2935.3	3136.8	3331.2	3507.3	3574.5
-60°	1626.9	1787.5	1953.4	2099.9	2238.8	2369.9	2528.8	2691.1	2848.8	2981.5	3038.8
-62.5°	1398.7	1536.1	1661.8	1780.9	1898.6	2016.7	2144.8	2273.5	2400.9	2503.1	2554.9
-65°	1178.8	1288.2	1389.2	1487.1	1582.1	1681.3	1781.6	1879.4	1973.7	2046.8	2091.6
-67.5°	972.3	1055.5	1135.6	1211.9	1291.4	1371.8	1450.3	1525.2	1596.0	1652.5	1695.4
-70°	789.2	853.6	916.3	979.5	1045.9	1108.4	1167.5	1223.5	1276.2	1317.0	1350.0
-72.5°	636.2	688.4	742.6	799.5	853.1	899.9	942.3	983.3	1022.5	1045.5	1062.7
-75°	512.9	556.9	604.0	650.0	694.9	730.4	761.5	791.8	820.8	822.3	816.5
-77.5°	414.4	453.6	490.1	526.3	562.0	583.9	603.0	622.7	642.6	631.1	612.9
-80°	304.1	336.9	367.8	398.9	430.0	443.0	452.0	459.9	466.5	451.5	432.9
-82.5°	201.8	222.5	242.6	263.1	283.8	292.1	298.3	303.4	307.5	293.9	278.2
-85°	112.6	122.5	132.3	142.1	151.9	157.8	163.0	167.9	172.3	164.3	155.1
-87.5°	46.8	49.1	51.3	53.4	55.6	57.6	59.6	61.6	63.5	63.8	64.0
-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: P627860 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	37.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.9	0.3	0.0	0.0	0.0	0.3	1.9	3.2	4.2	4.7	4.6
62.5°	11.8	12.3	12.8	12.9	12.8	12.3	11.8	11.3	10.9	11.4	12.3
60°	22.7	19.9	19.2	19.3	19.2	19.9	22.7	24.7	25.6	37.4	43.9
57.5°	178.5	152.8	156.7	173.9	156.7	152.8	178.5	193.3	194.3	225.6	226.8
55°	834.2	931.2	965.5	946.6	965.5	931.2	834.2	731.5	633.6	603.3	603.5
52.5°	1130.3	1170.1	1185.4	1184.8	1185.4	1170.1	1130.3	1076.9	1009.4	942.8	877.5
50°	1471.4	1458.0	1437.3	1416.7	1437.3	1458.0	1471.4	1456.1	1405.4	1306.8	1148.9
47.5°	2455.7	2413.1	2395.1	2427.6	2395.1	2413.1	2455.7	2428.0	2239.0	1993.7	1812.8
45°	3263.2	3313.1	3350.3	3348.5	3350.3	3313.1	3263.2	3221.4	3016.3	2735.5	2447.1
42.5°	3723.1	3749.6	3757.3	3747.7	3757.3	3749.6	3723.1	3676.6	3439.6	3139.6	2809.3
40°	4132.9	4164.6	4182.4	4198.4	4182.4	4164.6	4132.9	4071.8	3877.6	3598.1	3287.5
37.5°	4737.1	4748.7	4723.4	4707.2	4723.4	4748.7	4737.1	4698.6	4581.9	4225.2	3972.7
35°	6218.3	6248.6	6178.4	6252.6	6178.4	6248.6	6218.3	6066.3	5886.1	5674.6	5099.9
32.5°	7638.9	7781.1	7896.1	7991.2	7896.1	7781.1	7638.9	7493.6	7371.7	6963.8	6212.1
30°	8443.6	8535.3	8584.6	8596.5	8584.6	8535.3	8443.6	8330.5	8168.5	7646.9	6951.9
27.5°	9034.4	9130.6	9190.4	9234.0	9190.4	9130.6	9034.4	8929.9	8740.8	8208.7	7526.4
25°	9603.8	9691.8	9751.6	9774.9	9751.6	9691.8	9603.8	9497.6	9265.7	8816.0	8144.0
22.5°	10194.8	10255.8	10313.3	10341.6	10313.3	10255.8	10194.8	10070.3	9819.0	9460.1	8748.2
20°	11041.8	11008.6	11061.0	11043.5	11061.0	11008.6	11041.8	10851.6	10586.8	10212.8	9525.3
17.5°	12768.1	12786.0	12821.0	12878.7	12821.0	12786.0	12768.1	12515.8	12192.1	11854.3	10898.0
15°	14939.1	14982.8	15204.8	15402.9	15204.8	14982.8	14939.1	14695.0	14144.1	13656.7	12565.4
12.5°	15880.8	16032.0	16055.4	16111.2	16055.4	16032.0	15880.8	15536.6	15165.6	14544.1	13553.9
10°	16195.1	16456.9	16451.2	16516.9	16451.2	16456.9	16195.1	15895.6	15592.8	15062.4	14025.9
7.5°	16433.4	16714.6	16833.4	16883.9	16833.4	16714.6	16433.4	16230.6	15931.7	15417.8	14357.8
5°	16724.6	16879.1	17084.3	17025.6	17084.3	16879.1	16724.6	16469.9	16091.9	15545.8	14579.4
2.5°	16846.6	17088.8	17032.8	17090.0	17032.8	17088.8	16846.6	16503.1	16155.5	15716.1	14870.5
0°	16929.0	17102.9	17128.6	17186.6	17128.6	17102.9	16929.0	16587.7	16233.6	15808.6	14952.1
-2.5°	16829.1	16982.1	17250.1	17167.3	17250.1	16982.1	16829.1	16516.0	16179.0	15750.2	14979.8
-5°	16741.6	17118.2	16971.9	17154.4	16971.9	17118.2	16741.6	16408.2	16073.1	15609.5	14803.6
-7.5°	16696.4	16763.7	16860.8	16999.8	16860.8	16763.7	16696.4	16317.0	15950.4	15461.5	14645.1
-10°	16346.9	16415.8	16594.1	16690.7	16594.1	16415.8	16346.9	16173.0	15745.8	15226.7	14445.3
-12.5°	15967.9	16101.2	16288.5	16349.5	16288.5	16101.2	15967.9	15775.0	15469.7	14903.5	14126.7
-15°	15531.2	15729.3	15911.9	15950.2	15911.9	15729.3	15531.2	15303.4	14966.1	14505.3	13742.6
-17.5°	14976.0	15213.5	15405.4	15448.0	15405.4	15213.5	14976.0	14721.0	14389.4	13977.9	13356.1
-20°	14364.2	14591.7	14754.9	14804.0	14754.9	14591.7	14364.2	14097.0	13783.9	13388.5	12802.5



REPORT NUMBER: P627860 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13709.2	13914.0	14051.9	14031.3	14051.9	13914.0	13709.2	13444.0	13154.6	12794.4	12164.4
-25°	13013.7	13203.8	13335.3	13316.5	13335.3	13203.8	13013.7	12782.2	12495.3	12112.7	11548.4
-27.5°	12278.5	12458.6	12584.9	12588.9	12584.9	12458.6	12278.5	12055.7	11767.1	11381.5	10899.8
-30°	11505.9	11669.5	11772.1	11732.5	11772.1	11669.5	11505.9	11289.9	11021.9	10647.3	10139.3
-32.5°	10709.1	10857.1	10951.1	10979.1	10951.1	10857.1	10709.1	10521.3	10295.4	9952.3	9409.5
-35°	9923.2	10053.6	10134.8	10154.8	10134.8	10053.6	9923.2	9751.6	9531.5	9260.0	8723.9
-37.5°	9142.3	9254.5	9311.2	9285.5	9311.2	9254.5	9142.3	8984.5	8786.1	8552.7	8089.6
-40°	8370.6	8477.4	8542.4	8557.9	8542.4	8477.4	8370.6	8227.2	8042.9	7815.5	7443.9
-42.5°	7611.9	7700.8	7757.8	7785.2	7757.8	7700.8	7611.9	7488.6	7294.4	7042.0	6743.3
-45°	6875.6	6955.0	7008.5	7038.2	7008.5	6955.0	6875.6	6765.2	6576.2	6332.2	6052.4
-47.5°	6159.1	6228.8	6275.0	6297.7	6275.0	6228.8	6159.1	6062.3	5893.6	5652.5	5376.3
-50°	5474.1	5534.4	5577.4	5602.2	5577.4	5534.4	5474.1	5390.1	5246.6	5012.3	4750.1
-52.5°	4824.4	4877.0	4913.7	4932.5	4913.7	4877.0	4824.4	4751.3	4636.7	4415.0	4173.7
-55°	4204.0	4246.8	4280.7	4301.5	4280.7	4246.8	4204.0	4144.0	4061.7	3856.3	3634.1
-57.5°	3625.5	3660.4	3692.6	3715.5	3692.6	3660.4	3625.5	3574.5	3507.3	3331.2	3136.8
-60°	3084.0	3117.0	3144.3	3161.7	3144.3	3117.0	3084.0	3038.8	2981.5	2848.8	2691.1
-62.5°	2595.3	2624.5	2649.6	2665.9	2649.6	2624.5	2595.3	2554.9	2503.1	2400.9	2273.5
-65°	2126.9	2153.1	2171.7	2182.9	2171.7	2153.1	2126.9	2091.6	2046.8	1973.7	1879.4
-67.5°	1732.0	1762.2	1768.1	1764.4	1768.1	1762.2	1732.0	1695.4	1652.5	1596.0	1525.2
-70°	1379.5	1405.1	1411.0	1410.2	1411.0	1405.1	1379.5	1350.0	1317.0	1276.2	1223.5
-72.5°	1078.6	1092.5	1080.7	1062.5	1080.7	1092.5	1078.6	1062.7	1045.5	1022.5	983.3
-75°	809.4	800.5	788.0	772.7	788.0	800.5	809.4	816.5	822.3	820.8	791.8
-77.5°	592.8	570.9	556.5	540.9	556.5	570.9	592.8	612.9	631.1	642.6	622.7
-80°	412.8	391.3	376.4	360.6	376.4	391.3	412.8	432.9	451.5	466.5	459.9
-82.5°	261.5	243.8	234.8	225.4	234.8	243.8	261.5	278.2	293.9	307.5	303.4
-85°	145.2	134.7	128.6	122.3	128.6	134.7	145.2	155.1	164.3	172.3	167.9
-87.5°	64.2	64.3	61.2	58.0	61.2	64.3	64.2	64.0	63.8	63.5	61.6
-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):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	35.4	33.8	32.2	30.6	29.0	27.4	25.8	24.2	22.6	20.9	19.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.2	0.2	0.0	0.0	0.5	0.8	0.3	0.0	0.7
67.5°	0.0	0.0	1.1	2.6	3.3	3.3	2.9	3.3	3.8	3.5	3.2
65°	3.9	2.4	1.5	3.1	4.8	6.4	6.8	5.9	5.8	6.7	7.9
62.5°	13.0	13.6	11.7	9.8	8.5	9.3	10.2	10.9	9.5	7.6	10.0
60°	38.8	23.6	34.4	36.9	29.3	25.4	38.1	36.2	18.8	16.2	14.6
57.5°	186.8	156.4	171.6	155.9	106.7	93.2	96.5	92.1	83.4	51.0	21.8
55°	643.9	551.8	433.5	374.5	360.8	275.9	205.6	171.6	155.7	112.4	74.5
52.5°	817.9	760.4	670.9	547.5	481.6	456.9	390.6	312.5	248.3	198.6	142.6
50°	1025.5	1040.9	949.0	778.2	710.7	637.6	573.2	482.9	401.5	322.0	237.7
47.5°	1673.0	1558.4	1466.3	1338.8	1096.8	942.3	840.8	692.7	581.2	485.1	381.0
45°	2230.7	2099.5	2009.4	1811.6	1554.5	1315.5	1155.9	970.4	772.9	644.3	549.9
42.5°	2626.8	2457.0	2309.0	2147.6	1902.0	1632.4	1413.4	1229.9	1022.3	813.7	688.1
40°	3014.3	2745.3	2598.5	2454.1	2222.5	1920.0	1749.5	1480.0	1263.2	1031.9	860.4
37.5°	3592.4	3134.9	3083.0	2943.9	2682.0	2367.3	2175.5	1909.6	1507.5	1289.5	1092.3
35°	4569.3	4098.0	3825.8	3689.5	3349.8	2948.9	2633.0	2384.7	1985.8	1556.5	1329.2
32.5°	5645.9	5049.3	4636.3	4441.7	4077.3	3533.2	3143.6	2827.7	2427.4	1941.5	1577.0
30°	6253.7	5709.7	5212.2	4879.6	4525.4	4057.8	3610.6	3164.6	2730.0	2327.9	1845.5
27.5°	6819.3	6141.0	5604.8	5229.4	4897.7	4448.1	3953.4	3475.3	2997.7	2600.5	2170.2
25°	7358.3	6606.6	6022.2	5581.4	5195.7	4839.8	4280.5	3758.2	3260.0	2821.0	2484.4
22.5°	7860.4	7162.6	6489.2	5912.9	5586.1	5204.1	4652.6	4019.9	3533.3	3164.1	2767.9
20°	8687.2	7906.1	7053.4	6554.8	6250.8	5660.6	5036.7	4411.1	3964.1	3541.3	3075.4
17.5°	10050.2	9075.5	8056.0	7522.0	7091.6	6367.7	5572.6	4951.9	4393.9	3922.8	3410.1
15°	11542.3	10287.7	9277.5	8587.8	7905.9	7057.9	6137.7	5467.2	4833.1	4303.0	3717.5
12.5°	12279.8	11085.3	10191.8	9219.7	8340.1	7571.8	6701.0	5961.6	5242.0	4551.2	3907.7
10°	12719.8	11532.9	10522.1	9551.8	8670.1	7930.8	7122.0	6246.2	5446.6	4715.6	4066.3
7.5°	13062.1	11839.2	10762.6	9796.7	8903.3	8123.4	7349.3	6431.1	5610.2	4848.4	4193.6
5°	13299.1	12077.8	10986.2	10009.6	9069.1	8261.6	7518.1	6571.2	5732.2	4949.2	4290.2
2.5°	13543.4	12263.1	11126.2	10147.1	9174.7	8349.1	7620.3	6678.1	5831.3	5024.0	4370.8
0°	13638.5	12370.0	11223.8	10219.2	9234.0	8384.0	7649.9	6748.4	5898.4	5067.8	4423.8
-2.5°	13699.7	12404.9	11261.9	10265.9	9312.4	8439.1	7683.2	6827.4	5919.7	5114.9	4438.7
-5°	13606.8	12363.7	11229.9	10227.3	9314.0	8443.3	7660.0	6839.0	5914.4	5127.4	4427.2
-7.5°	13492.6	12254.7	11108.0	10124.6	9246.8	8385.2	7590.7	6787.9	5894.1	5106.9	4405.4
-10°	13299.7	12080.9	10989.3	10017.7	9128.8	8261.1	7489.9	6690.7	5828.2	5048.5	4354.3
-12.5°	13042.3	11861.4	10783.3	9822.3	8969.6	8133.4	7378.1	6556.4	5715.9	4951.1	4273.2
-15°	12702.1	11574.1	10528.2	9591.5	8766.8	7967.3	7212.4	6407.9	5606.5	4831.1	4162.1
-17.5°	12330.0	11195.0	10165.1	9282.6	8500.3	7742.4	7001.7	6251.9	5480.2	4718.5	4062.1
-20°	11907.5	10792.9	9772.6	8917.2	8179.0	7461.0	6776.1	6077.3	5305.0	4589.1	3957.2



REPORT NUMBER: P627860 (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°
-22.5°	11299.5	10315.0	9379.5	8540.8	7835.1	7177.9	6518.3	5842.7	5077.9	4426.9	3814.3
-25°	10698.4	9783.0	8942.2	8171.4	7489.9	6865.7	6224.0	5554.3	4875.7	4236.4	3639.5
-27.5°	10110.2	9262.5	8424.7	7731.7	7119.7	6509.9	5907.1	5273.5	4648.7	4022.1	3475.3
-30°	9475.3	8682.3	7927.0	7276.6	6697.2	6133.0	5590.8	4999.3	4384.6	3789.9	3298.2
-32.5°	8777.9	8082.0	7416.2	6803.9	6262.3	5762.6	5248.0	4687.3	4079.8	3572.9	3093.0
-35°	8101.0	7458.7	6884.1	6344.0	5852.5	5395.1	4897.0	4335.5	3802.1	3326.3	2861.6
-37.5°	7495.2	6869.6	6337.5	5872.3	5461.6	5027.9	4531.3	4033.0	3531.6	3051.8	2646.3
-40°	6868.4	6284.6	5812.1	5433.9	5040.9	4650.5	4213.3	3750.1	3255.3	2786.6	2435.1
-42.5°	6260.8	5789.8	5324.0	4945.3	4593.1	4273.4	3904.6	3436.9	2982.1	2575.1	2237.2
-45°	5666.0	5238.0	4812.8	4467.5	4174.5	3874.7	3545.0	3120.0	2711.5	2362.0	2043.3
-47.5°	5054.7	4694.3	4339.6	4018.7	3756.8	3465.7	3147.4	2787.4	2452.6	2137.7	1855.4
-50°	4467.8	4175.5	3888.6	3610.5	3345.4	3061.2	2776.9	2486.2	2187.5	1913.0	1656.9
-52.5°	3915.3	3673.2	3430.8	3187.4	2955.7	2707.3	2444.9	2186.4	1923.6	1694.2	1465.5
-55°	3395.5	3188.0	2995.7	2800.5	2605.3	2381.1	2144.5	1911.6	1701.9	1491.2	1304.7
-57.5°	2935.3	2753.2	2600.2	2440.8	2275.7	2077.3	1874.9	1678.1	1504.1	1329.7	1157.1
-60°	2528.8	2369.9	2238.8	2099.9	1953.4	1787.5	1626.9	1470.9	1320.5	1178.2	1029.6
-62.5°	2144.8	2016.7	1898.6	1780.9	1661.8	1536.1	1398.7	1272.9	1156.4	1036.6	902.1
-65°	1781.6	1681.3	1582.1	1487.1	1389.2	1288.2	1178.8	1079.3	984.1	886.8	770.7
-67.5°	1450.3	1371.8	1291.4	1211.9	1135.6	1055.5	972.3	889.3	811.7	732.4	638.1
-70°	1167.5	1108.4	1045.9	979.5	916.3	853.6	789.2	722.1	651.2	586.4	521.8
-72.5°	942.3	899.9	853.1	799.5	742.6	688.4	636.2	583.9	530.0	474.5	418.2
-75°	761.5	730.4	694.9	650.0	604.0	556.9	512.9	467.9	418.6	364.9	312.5
-77.5°	603.0	583.9	562.0	526.3	490.1	453.6	414.4	365.2	315.1	265.5	222.3
-80°	452.0	443.0	430.0	398.9	367.8	336.9	304.1	261.2	218.6	178.6	146.4
-82.5°	298.3	292.1	283.8	263.1	242.6	222.5	201.8	172.0	143.5	116.5	92.6
-85°	163.0	157.8	151.9	142.1	132.3	122.5	112.6	96.2	80.7	66.3	53.5
-87.5°	59.6	57.6	55.6	53.4	51.3	49.1	46.8	42.0	37.3	32.8	28.4
-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: P627860 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	17.7	16.1	14.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.1	3.4
85°	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.4	1.0	1.9
82.5°	0.0	0.0	0.0	0.1	1.1	1.7	1.9	1.7	0.9	0.2	0.5
80°	0.0	0.0	0.0	0.2	1.6	3.4	4.2	4.4	3.4	2.3	1.3
77.5°	0.0	0.0	0.0	0.1	0.7	1.8	3.6	5.8	5.8	4.5	3.2
75°	0.0	0.0	0.0	0.2	0.4	0.1	1.4	3.4	5.2	6.3	5.0
72.5°	0.0	0.0	0.0	0.8	1.7	1.8	1.1	1.1	3.7	5.4	6.3
70°	0.9	0.3	0.0	1.1	2.6	3.9	3.6	2.9	2.4	4.7	6.1
67.5°	3.0	3.2	2.4	1.8	2.9	4.4	6.0	5.7	5.0	4.2	5.9
65°	7.5	6.9	6.3	5.6	4.8	4.7	6.2	7.9	7.5	6.4	5.8
62.5°	11.3	11.2	10.3	9.4	8.4	7.2	6.7	8.9	9.8	8.7	7.3
60°	14.4	15.1	14.4	13.2	11.9	10.5	9.6	10.1	11.2	10.9	9.2
57.5°	20.0	19.5	19.2	17.4	15.4	13.8	12.9	12.6	12.9	12.8	11.1
55°	35.4	24.6	24.7	22.9	19.7	17.0	16.3	15.7	14.9	14.7	13.1
52.5°	89.5	49.7	31.9	29.4	25.6	21.0	19.6	18.7	17.7	16.8	14.9
50°	165.2	107.0	60.6	38.0	32.4	27.6	22.9	21.7	20.5	19.1	16.7
47.5°	264.3	183.8	119.5	59.9	41.8	34.5	28.7	24.7	23.2	21.5	18.5
45°	407.2	270.9	187.8	118.6	55.7	47.6	35.4	27.7	25.9	23.8	20.3
42.5°	566.6	397.5	263.5	179.2	106.4	65.9	42.4	33.6	28.5	26.2	22.3
40°	722.8	549.3	353.9	247.1	160.5	88.3	61.0	40.2	31.2	28.7	24.5
37.5°	895.8	709.9	495.8	319.6	215.7	134.8	83.6	46.8	35.4	31.4	26.7
35°	1109.6	888.1	637.8	425.8	285.7	178.0	108.8	59.5	43.6	34.2	29.1
32.5°	1323.2	1065.9	791.2	549.3	358.8	217.8	141.5	85.0	53.1	37.2	31.5
30°	1538.1	1228.8	935.7	663.5	442.9	281.6	176.7	109.7	63.9	40.2	33.9
27.5°	1731.6	1382.6	1070.9	782.9	541.6	349.0	213.6	133.7	76.0	45.6	36.4
25°	1950.2	1548.8	1204.0	897.1	631.8	419.3	251.4	157.1	93.6	54.9	38.9
22.5°	2231.5	1719.5	1327.4	1000.6	721.1	486.5	300.1	188.1	113.0	64.7	41.5
20°	2511.2	1886.3	1448.2	1130.3	818.3	562.2	356.3	218.9	131.3	74.9	44.0
17.5°	2785.7	2100.1	1624.0	1262.8	922.3	632.9	408.8	249.2	148.7	85.3	46.5
15°	3031.8	2344.9	1796.9	1388.1	1024.1	698.3	457.4	278.6	164.9	95.7	49.7
12.5°	3238.4	2556.0	1959.6	1505.3	1122.2	758.1	501.9	306.8	180.0	107.3	54.2
10°	3409.2	2734.6	2110.5	1613.7	1214.9	811.9	541.9	335.0	197.5	119.6	58.9
7.5°	3545.6	2882.0	2247.8	1712.0	1299.0	862.2	584.9	364.8	214.5	131.2	63.7
5°	3648.2	2997.1	2353.9	1782.5	1365.8	908.4	624.5	392.1	230.3	142.2	68.5
2.5°	3714.8	3081.8	2432.5	1837.8	1420.2	947.3	659.4	416.6	244.7	152.2	73.0
0°	3754.1	3142.4	2492.0	1880.3	1461.7	978.8	689.0	437.9	257.6	161.0	77.3
-2.5°	3789.3	3182.1	2543.9	1954.4	1490.2	1030.5	707.9	457.1	277.9	167.4	85.2
-5°	3800.8	3199.5	2577.9	2011.5	1507.4	1072.4	721.2	472.8	295.7	172.5	92.3
-7.5°	3781.3	3189.0	2589.9	2043.9	1515.5	1101.9	729.0	485.0	310.3	176.5	98.6
-10°	3737.7	3154.5	2574.2	2034.1	1526.4	1111.2	733.5	494.0	320.8	179.5	103.8
-12.5°	3673.1	3102.4	2540.3	2012.5	1524.5	1105.3	745.6	501.0	326.3	181.5	107.7
-15°	3588.5	3034.2	2488.5	1980.6	1506.2	1091.9	748.6	503.6	325.7	185.3	110.1
-17.5°	3488.9	2951.5	2419.2	1939.9	1470.6	1072.0	741.9	500.5	322.4	190.9	112.4
-20°	3389.2	2859.6	2337.0	1891.9	1416.7	1046.0	724.6	491.3	316.5	194.5	114.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627860 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3272.3	2754.1	2265.9	1824.9	1358.4	1014.6	696.4	475.7	308.0	196.1	115.7
-25°	3138.0	2630.9	2180.5	1732.8	1312.4	979.1	667.3	453.4	297.1	195.5	115.4
-27.5°	2986.2	2499.3	2079.9	1631.9	1264.7	929.7	639.6	437.1	287.8	192.8	113.6
-30°	2816.8	2375.4	1959.6	1534.8	1206.4	876.2	603.5	418.8	283.6	189.2	110.5
-32.5°	2634.2	2235.8	1830.2	1460.9	1140.0	820.6	571.5	398.2	276.6	184.6	110.7
-35°	2462.9	2084.0	1698.3	1375.5	1069.7	787.7	550.2	375.3	266.6	178.2	111.3
-37.5°	2279.6	1924.8	1593.7	1286.5	995.6	749.9	532.9	365.0	253.7	169.9	110.8
-40°	2103.1	1773.8	1472.7	1201.7	940.8	707.4	505.7	353.6	241.3	159.9	109.4
-42.5°	1924.5	1631.9	1357.0	1109.4	889.0	666.2	470.9	336.0	231.3	154.2	106.8
-45°	1760.1	1485.3	1233.9	1028.9	831.6	613.6	444.1	314.0	219.0	150.0	104.6
-47.5°	1587.3	1336.0	1121.4	940.8	756.4	556.3	410.0	296.6	204.2	144.6	103.1
-50°	1409.0	1194.6	1016.2	844.0	664.4	508.5	373.6	276.0	198.9	140.3	100.5
-52.5°	1252.9	1070.4	908.6	744.5	595.0	452.7	345.9	253.8	191.9	136.7	97.0
-55°	1118.5	952.4	802.6	662.9	528.9	411.6	314.7	243.2	183.2	132.2	92.6
-57.5°	999.8	842.9	715.6	590.1	473.6	372.0	292.6	230.6	174.0	126.0	88.7
-60°	884.3	755.6	636.6	524.7	422.1	337.8	275.5	216.2	163.1	118.1	84.3
-62.5°	777.6	664.3	560.7	459.6	376.0	310.0	255.8	199.4	150.3	108.3	78.6
-65°	665.6	569.0	481.5	402.1	334.1	277.5	230.3	180.3	133.4	96.5	71.1
-67.5°	549.3	478.4	410.1	343.9	288.3	240.8	201.1	154.9	113.5	82.8	62.5
-70°	457.4	395.0	337.1	285.2	239.9	201.1	164.4	125.2	91.5	70.9	53.2
-72.5°	364.1	313.2	265.8	224.5	192.1	159.2	125.8	95.8	75.9	58.5	43.5
-75°	269.5	235.1	204.2	175.5	146.4	117.6	95.9	76.1	59.8	45.5	36.7
-77.5°	195.6	170.7	148.0	129.8	109.8	90.6	72.4	55.8	45.3	37.8	30.8
-80°	132.9	119.8	107.3	94.5	78.4	63.2	52.2	43.0	36.5	30.4	24.9
-82.5°	83.7	76.7	70.5	64.1	54.7	46.2	38.8	32.5	27.5	23.0	20.2
-85°	49.7	45.9	42.3	38.7	33.5	28.9	26.7	24.7	22.6	20.5	18.3
-87.5°	28.0	27.6	27.2	26.7	25.4	24.1	23.0	22.0	20.2	18.3	16.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	3.2	4.8

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Scaled Data Report



REPORT NUMBER: P627860 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	12.9	11.3	9.7	8.0	6.4	6.4	6.4
87.5°	4.7	5.4	5.8	6.2	6.4	6.4	6.4
85°	3.1	4.3	5.3	6.0	6.4	6.4	6.4
82.5°	1.5	3.3	4.8	5.8	6.4	6.4	6.4
80°	0.3	2.4	4.3	5.6	6.4	6.4	6.4
77.5°	2.0	2.1	3.8	5.4	6.4	6.4	6.4
75°	3.6	3.2	3.5	5.3	6.4	6.4	6.4
72.5°	5.1	4.1	4.1	5.2	6.4	6.4	6.4
70°	6.4	5.1	4.6	5.1	6.4	6.4	6.4
67.5°	6.6	6.0	5.1	5.3	6.4	6.4	6.4
65°	6.8	6.6	5.6	5.6	6.4	6.4	6.4
62.5°	7.2	7.1	6.0	5.7	6.4	6.4	6.4
60°	7.6	7.7	6.4	5.9	6.4	6.4	6.4
57.5°	9.2	8.3	7.0	6.1	6.5	6.4	6.4
55°	10.8	9.0	7.7	6.2	6.6	6.4	6.4
52.5°	12.4	9.9	8.4	6.3	6.7	6.4	6.4
50°	14.0	11.2	9.1	6.4	6.8	6.4	6.4
47.5°	15.5	12.5	9.8	6.5	7.0	6.4	6.4
45°	17.0	13.7	10.6	7.1	7.2	6.4	6.4
42.5°	18.5	14.9	11.4	7.7	7.4	6.4	6.4
40°	20.0	16.1	12.3	8.5	7.6	6.4	6.4
37.5°	21.3	17.3	13.2	9.4	7.9	6.4	6.4
35°	22.7	18.4	14.1	10.2	8.2	6.4	6.4
32.5°	24.2	19.5	15.0	11.1	8.5	6.4	6.4
30°	26.1	20.5	15.8	11.9	8.8	6.4	6.4
27.5°	28.0	21.5	16.8	12.6	9.1	6.4	6.4
25°	29.9	22.5	17.8	13.4	9.4	6.4	6.4
22.5°	31.8	23.5	18.8	14.1	9.8	6.4	6.4
20°	33.6	24.7	19.7	14.8	10.2	6.4	6.4
17.5°	35.5	25.8	20.7	15.5	10.5	6.4	6.4
15°	37.3	26.9	21.5	16.1	10.9	6.4	6.4
12.5°	38.9	27.9	22.3	16.8	11.2	6.4	6.4
10°	40.4	28.9	23.1	17.3	11.6	6.4	6.4
7.5°	41.8	29.8	23.9	17.9	12.0	6.4	6.4
5°	43.1	30.7	24.6	18.4	12.3	6.4	6.4
2.5°	44.2	31.5	25.2	18.9	12.6	6.4	6.4
0°	45.1	32.2	25.8	19.3	12.9	6.4	6.4
-2.5°	47.6	32.9	26.3	19.3	12.9	6.4	6.4
-5°	49.9	33.5	26.8	19.2	12.9	6.4	6.4
-7.5°	51.9	34.0	27.2	19.1	12.8	6.4	6.4
-10°	53.5	34.5	27.5	19.0	12.7	6.4	6.4
-12.5°	54.8	34.9	27.7	18.8	12.6	6.4	6.4
-15°	55.6	35.3	27.8	18.6	12.5	6.4	6.4
-17.5°	55.8	35.6	27.7	18.4	12.3	6.4	6.4
-20°	57.3	35.8	27.6	18.1	12.1	6.4	6.4

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CATALOG NUMBER: GFLD-SA6C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	61.0	35.9	27.2	17.8	11.9	6.4	6.4
-25°	64.0	38.3	26.7	17.5	11.7	6.4	6.4
-27.5°	66.3	41.3	26.1	17.1	11.4	6.4	6.4
-30°	67.9	43.9	25.5	16.7	11.2	6.4	6.4
-32.5°	68.8	46.0	26.4	16.3	10.9	6.4	6.4
-35°	70.6	47.7	27.1	15.8	10.5	6.4	6.4
-37.5°	72.5	48.8	27.5	15.3	10.2	6.4	6.4
-40°	73.7	49.1	27.7	14.8	9.9	6.4	6.4
-42.5°	74.1	49.2	27.9	14.5	9.5	6.4	6.4
-45°	73.7	48.8	28.0	14.6	9.1	6.4	6.4
-47.5°	72.6	48.1	27.8	14.5	8.7	6.4	6.4
-50°	71.1	46.9	27.3	14.3	8.3	6.4	6.4
-52.5°	69.1	45.5	26.5	14.0	7.8	6.4	6.4
-55°	66.6	43.6	25.4	13.6	7.4	6.4	6.4
-57.5°	63.6	41.2	24.0	13.1	6.9	6.4	6.4
-60°	60.1	38.4	22.3	12.5	6.4	6.4	6.4
-62.5°	55.3	35.2	21.1	11.8	6.4	6.4	6.4
-65°	49.8	31.5	19.7	11.1	6.4	6.4	6.4
-67.5°	43.8	28.3	18.1	10.2	6.4	6.4	6.4
-70°	37.3	25.7	16.5	9.3	6.4	6.4	6.4
-72.5°	32.9	22.9	14.7	9.0	6.4	6.4	6.4
-75°	28.7	20.0	12.8	9.0	6.4	6.4	6.4
-77.5°	24.2	16.9	12.1	8.9	6.4	6.4	6.4
-80°	19.6	15.2	11.7	8.7	6.4	6.4	6.4
-82.5°	17.7	14.3	11.2	8.6	6.4	6.4	6.4
-85°	16.2	13.3	10.7	8.4	6.4	6.4	6.4
-87.5°	14.5	12.3	10.2	8.2	6.4	6.4	6.4
-90°	6.4	6.4	6.4	6.4	6.4	6.4	6.4

(END OF REPORT)