

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: P626950 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-722-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P626950 (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-SA2D-722-U-VWR-VSR-XX
 Description: GALLEON FLOOD, TWO LIGHT SQUARE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
 Light Source: (32) 2200K CCT, 70 CRI LEDS
 Ballast/Driver: -

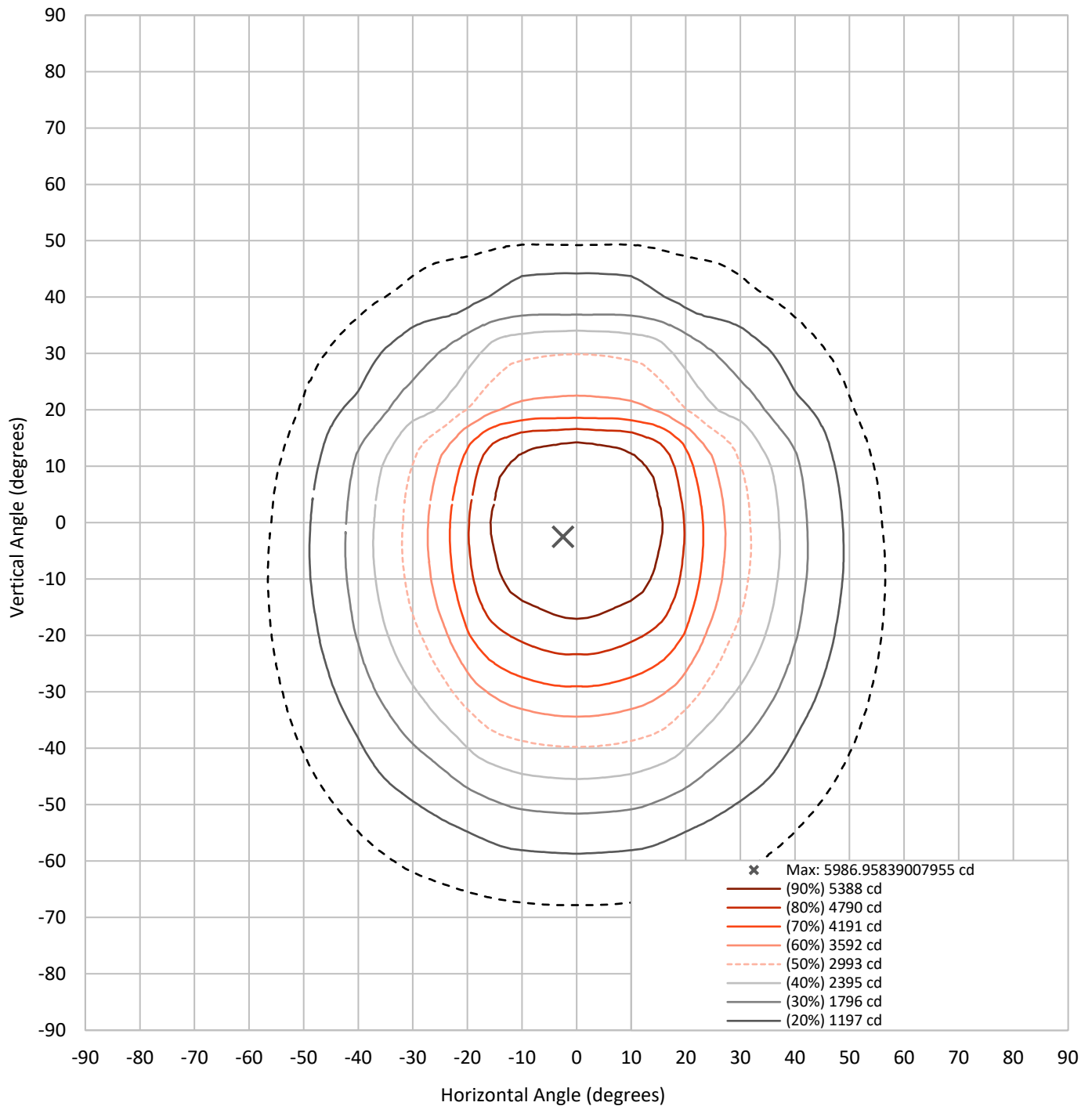
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	7989.8 lumens	Max Intensity:	5987 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	73.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' 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:	4622.6 lumens	Field Lumens:	7581.8 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	108.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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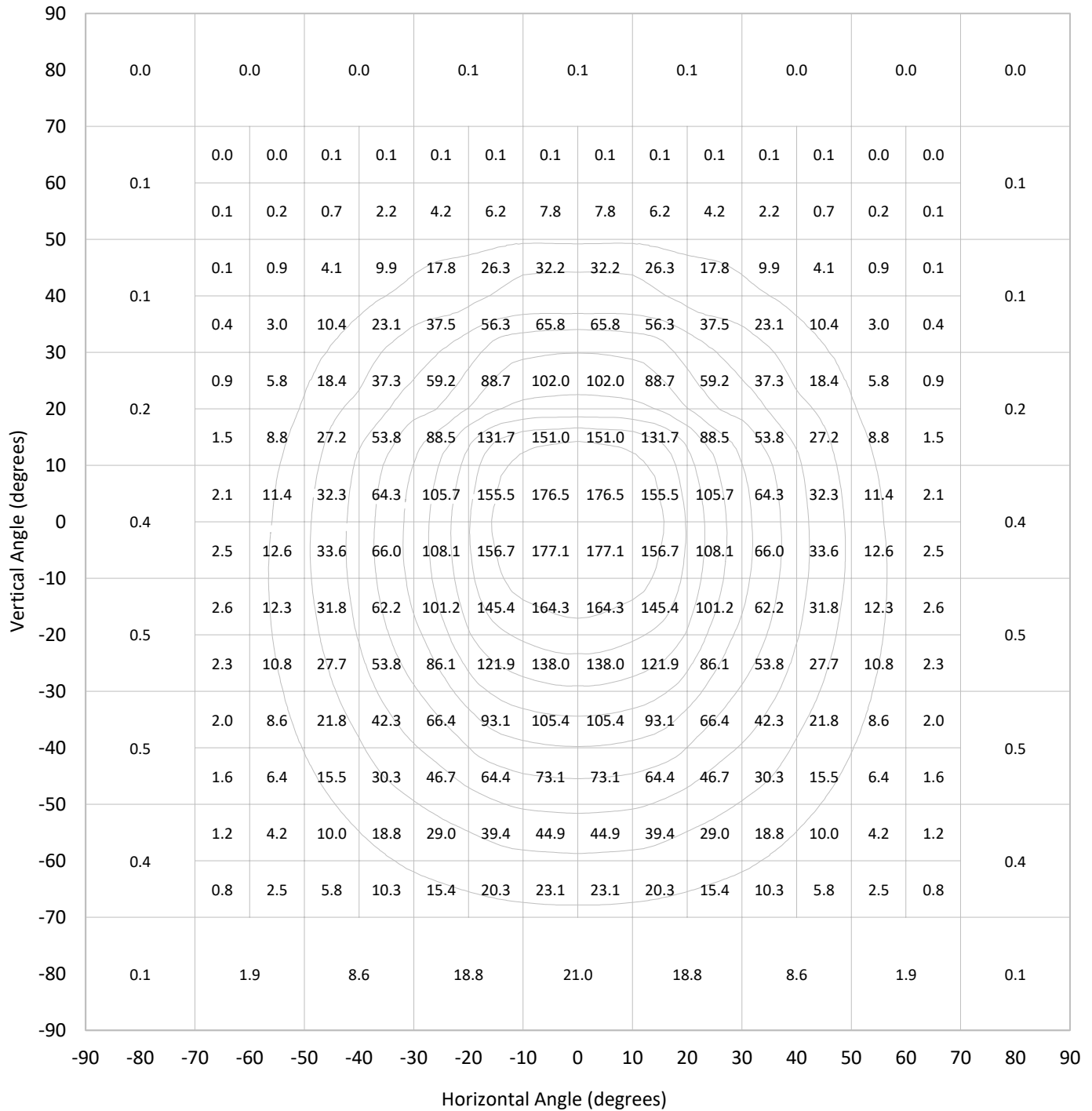
Iso-Candela Plot





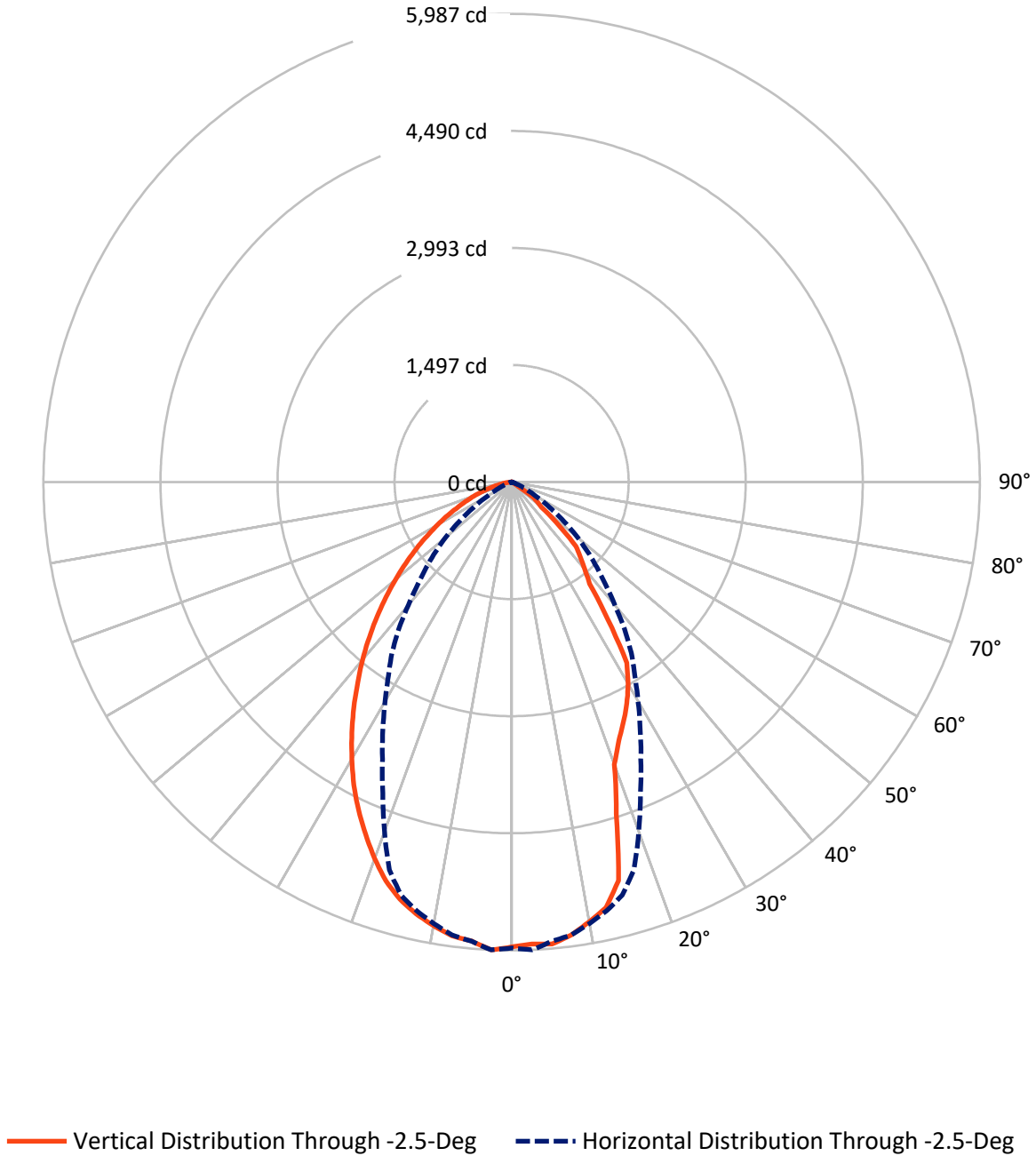
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Lumen Table



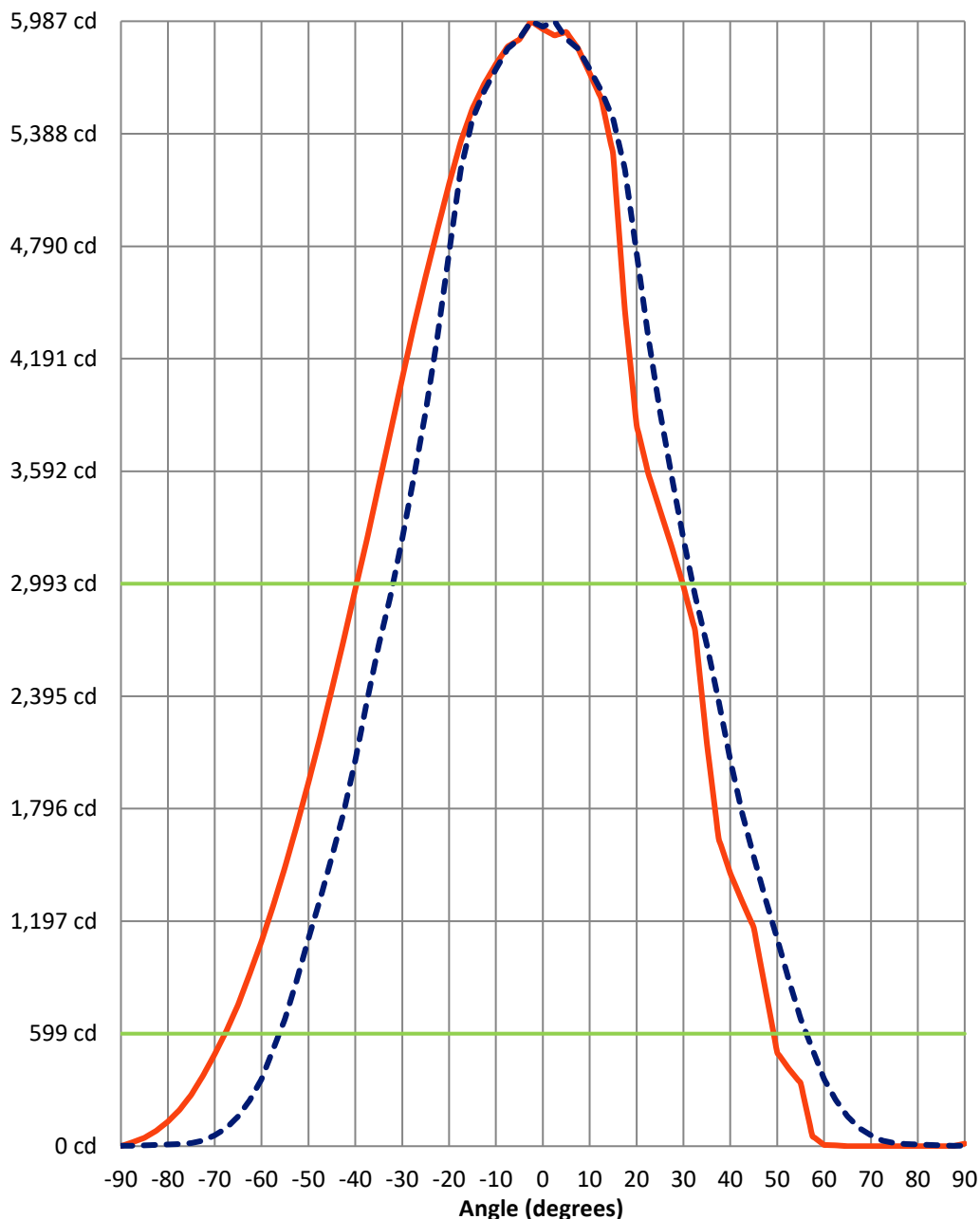
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 4622.6
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 7581.8
 Efficiency: 94.9%

Spill:
 Lumens: 408
 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°	2.2	2.2	2.2	2.8	3.4	3.9	4.5	5.1	5.6	6.2	6.7
87.5°	2.2	2.2	2.2	2.1	2.0	1.8	1.6	1.2	0.7	0.3	0.0
85°	2.2	2.2	2.2	2.1	1.8	1.5	1.1	0.7	0.4	0.1	0.0
82.5°	2.2	2.2	2.2	2.0	1.6	1.1	0.5	0.2	0.1	0.3	0.6
80°	2.2	2.2	2.2	1.9	1.5	0.8	0.1	0.4	0.8	1.2	1.5
77.5°	2.2	2.2	2.2	1.9	1.3	0.7	0.7	1.1	1.5	2.0	2.0
75°	2.2	2.2	2.2	1.8	1.2	1.1	1.2	1.7	2.2	1.8	1.2
72.5°	2.2	2.2	2.2	1.8	1.4	1.4	1.8	2.2	1.9	1.3	0.4
70°	2.2	2.2	2.2	1.8	1.6	1.8	2.2	2.1	1.6	0.8	1.0
67.5°	2.2	2.2	2.2	1.8	1.8	2.1	2.3	2.0	1.4	1.7	2.0
65°	2.2	2.2	2.2	1.9	1.9	2.3	2.4	2.0	2.2	2.6	2.7
62.5°	2.2	2.2	2.2	2.0	2.1	2.5	2.5	2.5	3.0	3.4	3.1
60°	2.2	2.2	2.2	2.0	2.2	2.7	2.6	3.2	3.8	3.9	3.5
57.5°	2.2	2.2	2.2	2.1	2.4	2.9	3.2	3.9	4.4	4.5	4.4
55°	2.2	2.2	2.3	2.1	2.6	3.1	3.7	4.6	5.1	5.2	5.4
52.5°	2.2	2.2	2.3	2.2	2.9	3.4	4.3	5.2	5.8	6.1	6.5
50°	2.2	2.2	2.4	2.2	3.1	3.9	4.9	5.8	6.6	7.1	7.5
47.5°	2.2	2.2	2.4	2.3	3.4	4.3	5.4	6.4	7.4	8.0	8.6
45°	2.2	2.2	2.5	2.5	3.7	4.8	5.9	7.0	8.2	9.0	9.6
42.5°	2.2	2.2	2.6	2.7	4.0	5.2	6.4	7.7	9.0	9.9	11.7
40°	2.2	2.2	2.6	3.0	4.3	5.6	6.9	8.5	9.9	10.8	14.0
37.5°	2.2	2.2	2.7	3.3	4.6	6.0	7.4	9.3	10.9	12.3	16.3
35°	2.2	2.2	2.8	3.6	4.9	6.4	7.8	10.1	11.9	15.1	20.7
32.5°	2.2	2.2	2.9	3.8	5.2	6.8	8.4	10.9	12.9	18.4	29.5
30°	2.2	2.2	3.0	4.1	5.5	7.1	9.0	11.8	14.0	22.2	38.1
27.5°	2.2	2.2	3.2	4.4	5.8	7.5	9.7	12.6	15.8	26.4	46.4
25°	2.2	2.2	3.3	4.7	6.2	7.8	10.4	13.5	19.1	32.5	54.5
22.5°	2.2	2.2	3.4	4.9	6.5	8.1	11.0	14.4	22.5	39.2	65.3
20°	2.2	2.2	3.5	5.2	6.8	8.5	11.7	15.3	26.0	45.6	76.0
17.5°	2.2	2.2	3.7	5.4	7.2	8.9	12.3	16.2	29.6	51.6	86.5
15°	2.2	2.2	3.8	5.6	7.4	9.3	12.9	17.3	33.2	57.2	96.7
12.5°	2.2	2.2	3.9	5.8	7.7	9.7	13.5	18.8	37.2	62.5	106.5
10°	2.2	2.2	4.0	6.0	8.0	10.0	14.0	20.5	41.5	68.6	116.3
7.5°	2.2	2.2	4.2	6.2	8.2	10.3	14.5	22.1	45.5	74.5	126.6
5°	2.2	2.2	4.3	6.4	8.5	10.6	14.9	23.7	49.3	79.9	136.1
2.5°	2.2	2.2	4.4	6.5	8.7	10.9	15.3	25.3	52.8	84.9	144.6
0°	2.2	2.2	4.5	6.7	8.9	11.2	15.6	26.8	55.9	89.4	152.0
-2.5°	2.2	2.2	4.5	6.7	8.9	11.2	15.6	26.8	55.9	89.4	152.0
-5°	2.2	2.2	4.5	6.7	9.3	11.6	17.3	32.0	59.9	102.7	164.1
-7.5°	2.2	2.2	4.5	6.6	9.4	11.8	18.0	34.2	61.3	107.7	168.4
-10°	2.2	2.2	4.4	6.6	9.5	12.0	18.5	36.0	62.3	111.4	171.5
-12.5°	2.2	2.2	4.4	6.5	9.6	12.1	19.0	37.4	63.0	113.3	173.9
-15°	2.2	2.2	4.3	6.5	9.6	12.3	19.3	38.2	64.3	113.1	174.8
-17.5°	2.2	2.2	4.3	6.4	9.6	12.4	19.3	39.0	66.3	111.9	173.7
-20°	2.2	2.2	4.2	6.3	9.6	12.4	19.8	39.8	67.5	109.9	170.5

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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°	2.2	2.2	4.1	6.2	9.5	12.5	21.1	40.1	68.1	107.0	165.1
-25°	2.2	2.2	4.1	6.1	9.3	13.3	22.2	40.0	67.9	103.2	157.4
-27.5°	2.2	2.2	4.0	6.0	9.1	14.3	23.0	39.4	66.9	99.9	151.8
-30°	2.2	2.2	3.9	5.8	8.8	15.2	23.6	38.3	65.6	98.5	145.4
-32.5°	2.2	2.2	3.8	5.7	9.2	16.0	23.9	38.4	64.0	96.0	138.2
-35°	2.2	2.2	3.7	5.5	9.4	16.6	24.5	38.6	61.8	92.5	130.3
-37.5°	2.2	2.2	3.5	5.3	9.6	16.9	25.2	38.4	58.9	88.0	126.7
-40°	2.2	2.2	3.4	5.1	9.6	17.1	25.6	37.9	55.4	83.7	122.7
-42.5°	2.2	2.2	3.3	5.0	9.7	17.1	25.7	37.1	53.5	80.3	116.6
-45°	2.2	2.2	3.2	5.1	9.7	16.9	25.6	36.3	52.0	76.0	109.0
-47.5°	2.2	2.2	3.0	5.0	9.7	16.7	25.2	35.8	50.2	70.8	102.9
-50°	2.2	2.2	2.9	5.0	9.5	16.3	24.7	34.9	48.7	69.0	95.8
-52.5°	2.2	2.2	2.7	4.9	9.2	15.8	24.0	33.6	47.4	66.6	88.1
-55°	2.2	2.2	2.5	4.7	8.8	15.1	23.1	32.1	45.9	63.6	84.4
-57.5°	2.2	2.2	2.4	4.6	8.3	14.3	22.1	30.8	43.7	60.4	80.0
-60°	2.2	2.2	2.2	4.3	7.7	13.4	20.9	29.3	41.0	56.6	75.0
-62.5°	2.2	2.2	2.2	4.1	7.3	12.2	19.2	27.3	37.6	52.1	69.2
-65°	2.2	2.2	2.2	3.8	6.8	10.9	17.3	24.7	33.5	46.3	62.5
-67.5°	2.2	2.2	2.2	3.5	6.3	9.8	15.2	21.7	28.8	39.4	53.7
-70°	2.2	2.2	2.2	3.2	5.7	8.9	13.0	18.5	24.6	31.8	43.5
-72.5°	2.2	2.2	2.2	3.1	5.1	8.0	11.4	15.1	20.3	26.4	33.3
-75°	2.2	2.2	2.2	3.1	4.4	6.9	10.0	12.7	15.8	20.8	26.5
-77.5°	2.2	2.2	2.2	3.1	4.2	5.9	8.4	10.7	13.1	15.7	19.4
-80°	2.2	2.2	2.2	3.0	4.1	5.3	6.8	8.6	10.6	12.7	14.9
-82.5°	2.2	2.2	2.2	3.0	3.9	5.0	6.2	7.0	7.9	9.5	11.2
-85°	2.2	2.2	2.2	2.9	3.7	4.6	5.6	6.4	7.1	7.8	8.5
-87.5°	2.2	2.2	2.2	2.8	3.5	4.3	5.1	5.7	6.3	7.0	7.6
-90°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.6	1.1	0.5	0.0



REPORT NUMBER: P626950 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-722-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°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	7.3	7.8	8.4
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°	0.6	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.5	1.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.3	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.5	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.4	0.6	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.2	1.3	0.9	0.4	0.0	0.1	0.3	0.2	0.0	0.1	0.3
67.5°	2.0	1.5	1.0	0.6	0.8	1.1	1.0	1.1	1.2	1.3	1.1
65°	2.1	1.6	1.7	1.9	2.2	2.4	2.6	2.7	2.3	2.0	2.0
62.5°	2.3	2.5	2.9	3.3	3.6	3.9	3.9	3.5	2.6	3.3	3.8
60°	3.3	3.7	4.1	4.6	5.0	5.3	5.0	5.1	5.6	6.5	12.6
57.5°	4.5	4.8	5.3	6.1	6.7	6.8	6.9	7.5	17.7	28.9	32.0
55°	5.7	5.9	6.8	7.9	8.6	8.5	12.2	25.8	39.0	54.1	59.6
52.5°	6.8	7.3	8.9	10.2	11.0	17.2	31.0	49.5	68.9	86.2	108.5
50°	8.0	9.6	11.3	13.2	21.0	37.1	57.3	82.5	111.8	139.4	167.6
47.5°	10.0	12.0	14.5	20.8	41.5	63.8	91.7	132.2	168.4	201.7	240.5
45°	12.3	16.5	19.3	41.2	65.2	94.0	141.3	190.8	223.6	268.3	336.8
42.5°	14.7	22.9	36.9	62.2	91.4	137.9	196.6	238.8	282.4	354.8	426.9
40°	21.2	30.7	55.7	85.8	122.8	190.7	250.9	298.6	358.2	438.4	513.7
37.5°	29.0	46.8	74.9	110.9	172.1	246.4	310.9	379.1	447.6	523.3	662.8
35°	37.8	61.8	99.1	147.7	221.4	308.2	385.1	461.4	540.3	689.2	827.7
32.5°	49.1	75.6	124.5	190.6	274.6	370.0	459.3	547.4	673.9	842.5	981.4
30°	61.4	97.8	153.7	230.3	324.8	426.5	533.9	640.5	807.9	947.5	1098.3
27.5°	74.2	121.1	187.9	271.7	371.7	479.9	601.0	753.2	902.5	1040.4	1206.2
25°	87.3	145.5	219.2	311.4	417.9	537.6	676.9	862.3	979.1	1131.5	1304.3
22.5°	104.2	168.8	250.2	347.3	460.7	596.8	774.5	960.7	1098.2	1226.3	1395.2
20°	123.7	195.1	284.0	392.3	502.6	654.7	871.6	1067.4	1229.1	1375.8	1531.0
17.5°	141.9	219.7	320.1	438.3	563.7	728.9	966.8	1183.5	1361.5	1525.0	1718.7
15°	158.8	242.4	355.4	481.7	623.6	813.9	1052.2	1290.2	1493.4	1677.4	1897.5
12.5°	174.2	263.1	389.5	522.4	680.1	887.1	1123.9	1356.2	1579.6	1819.3	2069.1
10°	188.1	281.8	421.6	560.0	732.5	949.1	1183.2	1411.2	1636.6	1890.3	2167.8
7.5°	203.0	299.2	450.8	594.2	780.1	1000.3	1230.5	1455.4	1682.7	1947.1	2232.0
5°	216.8	315.3	474.0	618.6	817.0	1040.2	1266.1	1489.0	1717.7	1989.4	2280.6
2.5°	228.8	328.8	492.9	637.8	844.3	1069.6	1289.3	1517.0	1743.7	2023.8	2317.8
0°	239.1	339.7	507.3	652.6	864.9	1090.6	1302.9	1535.4	1758.9	2047.2	2342.2
-2.5°	245.7	357.6	517.2	678.3	882.9	1104.4	1315.1	1540.5	1775.2	2054.5	2369.6
-5°	250.3	372.1	523.2	698.1	894.7	1110.5	1319.1	1536.5	1779.6	2052.6	2373.6
-7.5°	253.0	382.4	526.0	709.3	898.9	1106.8	1312.4	1529.0	1772.4	2045.6	2355.8
-10°	254.6	385.6	529.7	705.9	893.4	1094.9	1297.2	1511.2	1752.1	2022.8	2322.1
-12.5°	258.8	383.6	529.1	698.4	881.6	1076.8	1274.8	1483.1	1718.4	1983.8	2275.5
-15°	259.8	379.0	522.7	687.4	863.7	1053.1	1245.5	1444.6	1676.7	1945.8	2224.0
-17.5°	257.5	372.0	510.4	673.3	839.6	1024.3	1210.9	1409.9	1637.6	1902.0	2169.8
-20°	251.5	363.0	491.7	656.6	811.1	992.5	1176.3	1373.4	1592.7	1841.2	2109.3

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CATALOG NUMBER: GFLD-SA2D-722-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°	241.7	352.1	471.4	633.3	786.4	955.9	1135.7	1323.8	1536.4	1762.4	2027.8
-25°	231.6	339.8	455.5	601.4	756.8	913.1	1089.1	1263.2	1470.3	1692.2	1927.7
-27.5°	222.0	322.6	438.9	566.4	721.8	867.5	1036.4	1206.2	1395.9	1613.4	1830.3
-30°	209.4	304.0	418.7	532.7	680.1	824.4	977.6	1144.7	1315.3	1521.7	1735.1
-32.5°	198.4	284.8	395.7	507.0	635.2	776.0	914.3	1073.5	1240.0	1416.0	1626.8
-35°	191.0	273.4	371.3	477.4	589.4	723.3	854.8	993.2	1154.4	1319.6	1504.7
-37.5°	185.0	260.3	345.6	446.5	553.2	668.1	791.2	918.5	1059.2	1225.6	1399.7
-40°	175.5	245.5	326.5	417.1	511.2	615.6	729.9	845.2	967.2	1129.8	1301.5
-42.5°	163.5	231.2	308.6	385.1	471.0	566.4	667.9	776.5	893.7	1035.0	1192.9
-45°	154.1	213.0	288.6	357.1	428.3	515.5	610.9	709.2	819.8	941.1	1082.9
-47.5°	142.3	193.1	262.5	326.5	389.2	463.7	550.9	644.0	741.9	851.2	967.5
-50°	129.7	176.5	230.6	292.9	352.7	414.6	489.0	575.1	664.0	759.2	862.9
-52.5°	120.1	157.1	206.5	258.4	315.3	371.5	434.8	508.6	588.0	667.6	758.8
-55°	109.2	142.8	183.5	230.1	278.5	330.5	388.2	452.8	517.5	590.7	663.5
-57.5°	101.6	129.1	164.4	204.8	248.3	292.5	347.0	401.6	461.5	522.0	582.4
-60°	95.6	117.3	146.5	182.1	220.9	262.2	306.9	357.3	408.9	458.3	510.5
-62.5°	88.8	107.6	130.5	159.5	194.6	230.5	269.9	313.1	359.8	401.4	441.8
-65°	79.9	96.3	115.9	139.6	167.2	197.5	231.0	267.5	307.8	341.5	374.6
-67.5°	69.8	83.6	100.0	119.3	142.3	166.0	190.7	221.5	254.2	281.7	308.6
-70°	57.0	69.8	83.3	99.0	117.0	137.1	158.8	181.1	203.5	226.0	250.7
-72.5°	43.7	55.3	66.7	77.9	92.3	108.7	126.4	145.1	164.7	183.9	202.7
-75°	33.3	40.8	50.8	60.9	70.9	81.6	93.5	108.4	126.6	145.3	162.4
-77.5°	25.2	31.5	38.1	45.1	51.4	59.3	67.9	77.1	92.1	109.4	126.7
-80°	18.1	21.9	27.2	32.8	37.2	41.6	46.1	50.8	62.0	75.9	90.7
-82.5°	13.4	16.0	19.0	22.2	24.5	26.6	29.1	32.2	40.5	49.8	59.7
-85°	9.2	10.0	11.6	13.4	14.7	16.0	17.3	18.6	23.0	28.0	33.4
-87.5°	8.0	8.4	8.8	9.3	9.4	9.6	9.7	9.9	11.4	13.0	14.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	8.9	9.5	10.1	10.6	11.2	11.8	12.3	12.9	13.4	13.4	13.4
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°	0.2	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.0	1.1	1.1	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.3	2.2	1.6	1.1	0.5	0.8	1.4	1.6	1.6	1.4	1.1
62.5°	3.5	3.2	2.9	3.4	4.1	4.7	4.5	4.3	4.0	3.8	3.9
60°	13.2	8.8	10.2	12.8	12.0	8.2	13.5	15.3	13.0	8.9	8.6
57.5°	33.5	32.4	37.1	54.1	59.6	54.3	64.9	78.7	78.3	67.4	67.1
55°	71.4	95.8	125.2	130.0	150.5	191.5	223.5	209.5	209.4	219.9	253.9
52.5°	135.6	158.6	167.2	190.0	232.9	264.0	283.9	304.6	327.2	350.3	373.7
50°	199.0	221.3	246.7	270.1	329.4	361.3	355.9	398.7	453.5	487.8	505.4
47.5°	291.8	327.1	380.7	464.6	508.9	540.9	580.6	629.1	692.0	777.1	842.7
45°	401.2	456.6	539.5	628.8	697.4	728.7	774.2	849.4	949.4	1046.9	1118.1
42.5°	490.6	566.5	660.1	745.4	801.4	852.8	911.7	975.0	1089.7	1193.8	1276.1
40°	607.2	666.4	771.3	851.7	901.9	952.8	1046.2	1141.0	1248.8	1345.8	1413.2
37.5°	755.0	821.6	930.8	1021.7	1070.0	1088.0	1246.8	1378.8	1466.4	1590.2	1630.7
35°	913.8	1023.5	1162.6	1280.5	1327.8	1422.3	1585.9	1770.0	1969.5	2042.8	2105.4
32.5°	1091.0	1226.3	1415.1	1541.6	1609.1	1752.4	1959.5	2156.0	2416.9	2558.5	2600.8
30°	1253.1	1408.3	1570.6	1693.6	1809.0	1981.6	2170.5	2412.8	2654.0	2835.0	2891.3
27.5°	1372.1	1543.8	1699.8	1815.0	1945.2	2131.4	2366.8	2612.1	2848.9	3033.6	3099.3
25°	1485.6	1679.7	1803.3	1937.1	2090.1	2292.9	2553.8	2826.5	3059.7	3215.9	3296.4
22.5°	1614.8	1806.2	1938.8	2052.2	2252.2	2485.9	2728.1	3036.2	3283.3	3407.9	3495.1
20°	1748.1	1964.7	2169.5	2275.0	2448.0	2744.0	3015.0	3305.9	3544.5	3674.3	3766.3
17.5°	1934.1	2210.1	2461.3	2610.7	2796.0	3149.8	3488.1	3782.3	4114.3	4231.5	4343.8
15°	2130.2	2449.6	2743.9	2980.5	3219.9	3570.5	4006.0	4361.1	4739.8	4909.0	5100.2
12.5°	2325.7	2628.0	2894.6	3199.8	3537.3	3847.4	4261.9	4704.1	5047.8	5263.5	5392.2
10°	2471.8	2752.5	3009.1	3315.1	3651.9	4002.7	4414.6	4868.0	5227.7	5411.8	5516.8
7.5°	2550.7	2819.4	3090.0	3400.1	3735.3	4109.0	4533.5	4983.2	5351.0	5529.4	5633.1
5°	2609.3	2867.4	3147.6	3474.0	3812.9	4191.8	4615.7	5060.1	5395.5	5585.0	5716.2
2.5°	2644.7	2897.8	3184.3	3521.8	3861.5	4256.2	4700.5	5161.0	5454.6	5607.0	5727.7
0°	2655.0	2909.8	3204.8	3546.8	3895.4	4293.2	4733.5	5189.4	5486.6	5634.1	5757.1
-2.5°	2666.6	2929.0	3232.0	3563.0	3908.6	4305.3	4754.7	5199.0	5466.4	5615.2	5732.2
-5°	2658.6	2930.4	3232.6	3549.6	3897.5	4291.1	4722.5	5137.9	5417.6	5578.5	5694.8
-7.5°	2634.5	2910.2	3209.3	3513.9	3855.3	4253.2	4682.9	5082.8	5366.2	5535.9	5663.1
-10°	2599.5	2867.2	3168.3	3476.8	3814.0	4192.9	4615.9	5013.5	5284.7	5464.9	5613.2
-12.5°	2560.7	2822.9	3113.0	3409.0	3742.5	4116.7	4526.6	4902.9	5172.5	5369.0	5475.0
-15°	2503.2	2765.2	3042.6	3328.9	3654.0	4017.0	4408.5	4769.6	5034.3	5194.2	5311.4
-17.5°	2430.0	2687.1	2950.2	3221.7	3528.0	3885.4	4279.3	4635.4	4851.3	4994.1	5109.2
-20°	2351.7	2589.4	2838.7	3094.9	3391.7	3745.9	4132.7	4443.3	4646.7	4784.0	4892.6



REPORT NUMBER: P626950 (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°	2262.3	2491.2	2719.3	2964.2	3255.3	3580.0	3921.7	4221.9	4440.5	4565.5	4666.0
-25°	2160.2	2382.9	2599.5	2836.0	3103.5	3395.4	3713.1	4008.1	4203.9	4336.7	4436.3
-27.5°	2050.2	2259.4	2471.0	2683.4	2923.9	3214.7	3508.9	3782.9	3950.2	4084.0	4184.2
-30°	1940.4	2128.6	2324.4	2525.5	2751.2	3013.3	3288.6	3519.0	3695.3	3825.3	3918.3
-32.5°	1821.4	2000.0	2173.5	2361.4	2573.9	2805.0	3046.5	3265.7	3454.1	3573.2	3651.6
-35°	1699.6	1872.5	2031.2	2201.8	2389.3	2588.6	2811.6	3027.8	3213.8	3308.1	3384.4
-37.5°	1572.6	1745.0	1895.6	2038.1	2199.6	2384.2	2601.3	2807.6	2968.4	3049.4	3118.2
-40°	1462.3	1614.0	1749.5	1885.9	2017.2	2181.2	2383.8	2583.5	2712.5	2791.4	2855.4
-42.5°	1355.2	1483.2	1594.1	1716.4	1847.8	2009.4	2172.9	2340.4	2444.0	2531.6	2599.0
-45°	1230.4	1344.8	1448.8	1550.5	1670.3	1817.9	1966.5	2100.6	2197.7	2282.3	2347.9
-47.5°	1092.4	1202.9	1303.9	1394.8	1506.2	1629.3	1754.3	1865.9	1961.8	2045.4	2104.0
-50°	963.8	1062.5	1161.1	1253.1	1349.6	1449.2	1550.7	1648.6	1739.6	1820.9	1870.7
-52.5°	848.5	939.6	1025.8	1106.2	1190.7	1274.8	1358.9	1448.6	1532.3	1609.3	1649.1
-55°	744.3	826.4	904.2	971.9	1039.7	1106.4	1178.4	1261.3	1338.4	1409.7	1438.2
-57.5°	650.7	721.0	789.8	847.1	902.4	955.5	1018.7	1088.7	1156.2	1217.3	1240.6
-60°	564.6	620.4	678.0	728.8	777.0	822.6	877.7	934.0	988.7	1034.8	1054.7
-62.5°	485.4	533.2	576.8	618.1	658.9	699.9	744.4	789.1	833.3	868.8	886.7
-65°	409.1	447.1	482.2	516.1	549.1	583.5	618.3	652.3	685.0	710.4	726.0
-67.5°	337.4	366.3	394.1	420.6	448.2	476.1	503.4	529.3	553.9	573.5	588.4
-70°	273.9	296.3	318.0	340.0	363.0	384.7	405.2	424.7	443.0	457.1	468.6
-72.5°	220.8	239.0	257.7	277.5	296.1	312.3	327.1	341.3	354.9	362.9	368.9
-75°	178.0	193.3	209.6	225.6	241.1	253.5	264.3	274.8	284.9	285.4	283.4
-77.5°	143.8	157.4	170.1	182.6	195.1	202.7	209.3	216.1	223.1	219.1	212.7
-80°	105.6	116.9	127.7	138.5	149.3	153.8	156.9	159.6	161.9	156.7	150.2
-82.5°	70.1	77.2	84.2	91.3	98.5	101.4	103.5	105.3	106.7	102.0	96.5
-85°	39.1	42.5	45.9	49.3	52.7	54.7	56.6	58.3	59.8	57.0	53.8
-87.5°	16.3	17.0	17.8	18.5	19.3	20.0	20.7	21.3	22.0	22.1	22.2
-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: P626950 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-722-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°	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	12.9
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°	0.7	0.1	0.0	0.0	0.0	0.1	0.7	1.1	1.4	1.6	1.6
62.5°	4.1	4.3	4.4	4.5	4.4	4.3	4.1	3.9	3.8	4.0	4.3
60°	7.9	6.9	6.7	6.7	6.7	6.9	7.9	8.6	8.9	13.0	15.3
57.5°	61.9	53.0	54.4	60.3	54.4	53.0	61.9	67.1	67.4	78.3	78.7
55°	289.5	323.2	335.1	328.5	335.1	323.2	289.5	253.9	219.9	209.4	209.5
52.5°	392.3	406.1	411.4	411.2	411.4	406.1	392.3	373.7	350.3	327.2	304.6
50°	510.7	506.0	498.8	491.7	498.8	506.0	510.7	505.4	487.8	453.5	398.7
47.5°	852.3	837.5	831.3	842.6	831.3	837.5	852.3	842.7	777.1	692.0	629.1
45°	1132.6	1149.9	1162.8	1162.1	1162.8	1149.9	1132.6	1118.1	1046.9	949.4	849.4
42.5°	1292.2	1301.4	1304.0	1300.7	1304.0	1301.4	1292.2	1276.1	1193.8	1089.7	975.0
40°	1434.4	1445.4	1451.6	1457.1	1451.6	1445.4	1434.4	1413.2	1345.8	1248.8	1141.0
37.5°	1644.0	1648.1	1639.3	1633.7	1639.3	1648.1	1644.0	1630.7	1590.2	1466.4	1378.8
35°	2158.2	2168.7	2144.3	2170.1	2144.3	2168.7	2158.2	2105.4	2042.8	1969.5	1770.0
32.5°	2651.2	2700.6	2740.5	2773.5	2740.5	2700.6	2651.2	2600.8	2558.5	2416.9	2156.0
30°	2930.5	2962.3	2979.4	2983.6	2979.4	2962.3	2930.5	2891.3	2835.0	2654.0	2412.8
27.5°	3135.6	3168.9	3189.7	3204.8	3189.7	3168.9	3135.6	3099.3	3033.6	2848.9	2612.1
25°	3333.2	3363.7	3384.5	3392.6	3384.5	3363.7	3333.2	3296.4	3215.9	3059.7	2826.5
22.5°	3538.3	3559.5	3579.4	3589.2	3579.4	3559.5	3538.3	3495.1	3407.9	3283.3	3036.2
20°	3832.3	3820.7	3838.9	3832.8	3838.9	3820.7	3832.3	3766.3	3674.3	3544.5	3305.9
17.5°	4431.4	4437.6	4449.8	4469.8	4449.8	4437.6	4431.4	4343.8	4231.5	4114.3	3782.3
15°	5184.9	5200.0	5277.1	5345.8	5277.1	5200.0	5184.9	5100.2	4909.0	4739.8	4361.1
12.5°	5511.7	5564.1	5572.3	5591.7	5572.3	5564.1	5511.7	5392.2	5263.5	5047.8	4704.1
10°	5620.8	5711.6	5709.7	5732.5	5709.7	5711.6	5620.8	5516.8	5411.8	5227.7	4868.0
7.5°	5703.5	5801.1	5842.3	5859.9	5842.3	5801.1	5703.5	5633.1	5529.4	5351.0	4983.2
5°	5804.6	5858.2	5929.4	5909.0	5929.4	5858.2	5804.6	5716.2	5585.0	5395.5	5060.1
2.5°	5846.9	5931.0	5911.6	5931.4	5911.6	5931.0	5846.9	5727.7	5607.0	5454.6	5161.0
0°	5875.5	5935.9	5944.8	5964.9	5944.8	5935.9	5875.5	5757.1	5634.1	5486.6	5189.4
-2.5°	5840.9	5894.0	5987.0	5958.2	5987.0	5894.0	5840.9	5732.2	5615.2	5466.4	5199.0
-5°	5810.5	5941.2	5890.4	5953.7	5890.4	5941.2	5810.5	5694.8	5578.5	5417.6	5137.9
-7.5°	5794.8	5818.2	5851.8	5900.1	5851.8	5818.2	5794.8	5663.1	5535.9	5366.2	5082.8
-10°	5673.5	5697.4	5759.3	5792.8	5759.3	5697.4	5673.5	5613.2	5464.9	5284.7	5013.5
-12.5°	5541.9	5588.2	5653.3	5674.4	5653.3	5588.2	5541.9	5475.0	5369.0	5172.5	4902.9
-15°	5390.4	5459.1	5522.5	5535.8	5522.5	5459.1	5390.4	5311.4	5194.2	5034.3	4769.6
-17.5°	5197.7	5280.1	5346.7	5361.5	5346.7	5280.1	5197.7	5109.2	4994.1	4851.3	4635.4
-20°	4985.3	5064.3	5120.9	5138.0	5120.9	5064.3	4985.3	4892.6	4784.0	4646.7	4443.3



REPORT NUMBER: P626950 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-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°	4758.0	4829.1	4877.0	4869.8	4877.0	4829.1	4758.0	4666.0	4565.5	4440.5	4221.9
-25°	4516.6	4582.6	4628.3	4621.7	4628.3	4582.6	4516.6	4436.3	4336.7	4203.9	4008.1
-27.5°	4261.5	4324.0	4367.8	4369.2	4367.8	4324.0	4261.5	4184.2	4084.0	3950.2	3782.9
-30°	3993.3	4050.1	4085.7	4072.0	4085.7	4050.1	3993.3	3918.3	3825.3	3695.3	3519.0
-32.5°	3716.7	3768.1	3800.8	3810.5	3800.8	3768.1	3716.7	3651.6	3573.2	3454.1	3265.7
-35°	3444.0	3489.2	3517.4	3524.4	3517.4	3489.2	3444.0	3384.4	3308.1	3213.8	3027.8
-37.5°	3173.0	3211.9	3231.6	3222.7	3231.6	3211.9	3173.0	3118.2	3049.4	2968.4	2807.6
-40°	2905.2	2942.3	2964.8	2970.2	2964.8	2942.3	2905.2	2855.4	2791.4	2712.5	2583.5
-42.5°	2641.8	2672.7	2692.5	2702.0	2692.5	2672.7	2641.8	2599.0	2531.6	2444.0	2340.4
-45°	2386.3	2413.8	2432.4	2442.7	2432.4	2413.8	2386.3	2347.9	2282.3	2197.7	2100.6
-47.5°	2137.6	2161.8	2177.8	2185.7	2177.8	2161.8	2137.6	2104.0	2045.4	1961.8	1865.9
-50°	1899.9	1920.8	1935.7	1944.4	1935.7	1920.8	1899.9	1870.7	1820.9	1739.6	1648.6
-52.5°	1674.4	1692.7	1705.4	1711.9	1705.4	1692.7	1674.4	1649.1	1609.3	1532.3	1448.6
-55°	1459.1	1473.9	1485.7	1492.9	1485.7	1473.9	1459.1	1438.2	1409.7	1338.4	1261.3
-57.5°	1258.3	1270.4	1281.6	1289.5	1281.6	1270.4	1258.3	1240.6	1217.3	1156.2	1088.7
-60°	1070.3	1081.8	1091.3	1097.3	1091.3	1081.8	1070.3	1054.7	1034.8	988.7	934.0
-62.5°	900.7	910.8	919.5	925.2	919.5	910.8	900.7	886.7	868.8	833.3	789.1
-65°	738.2	747.3	753.7	757.6	753.7	747.3	738.2	726.0	710.4	685.0	652.3
-67.5°	601.1	611.5	613.7	612.4	613.7	611.5	601.1	588.4	573.5	553.9	529.3
-70°	478.8	487.7	489.7	489.4	489.7	487.7	478.8	468.6	457.1	443.0	424.7
-72.5°	374.4	379.2	375.1	368.8	375.1	379.2	374.4	368.9	362.9	354.9	341.3
-75°	281.0	277.9	273.5	268.2	273.5	277.9	281.0	283.4	285.4	284.9	274.8
-77.5°	205.7	198.1	193.1	187.7	193.1	198.1	205.7	212.7	219.1	223.1	216.1
-80°	143.2	135.8	130.6	125.2	130.6	135.8	143.2	150.2	156.7	161.9	159.6
-82.5°	90.7	84.6	81.5	78.2	81.5	84.6	90.7	96.5	102.0	106.7	105.3
-85°	50.4	46.7	44.7	42.5	44.7	46.7	50.4	53.8	57.0	59.8	58.3
-87.5°	22.2	22.3	21.2	20.1	21.2	22.3	22.2	22.2	22.1	22.0	21.3
-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: P626950 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	12.3	11.8	11.2	10.6	10.1	9.5	8.9	8.4	7.8	7.3	6.7
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	0.1	0.1	0.0	0.0	0.2	0.3	0.1	0.0	0.2
67.5°	0.0	0.0	0.4	0.9	1.1	1.1	1.0	1.1	1.3	1.2	1.1
65°	1.4	0.8	0.5	1.1	1.6	2.2	2.3	2.0	2.0	2.3	2.7
62.5°	4.5	4.7	4.1	3.4	2.9	3.2	3.5	3.8	3.3	2.6	3.5
60°	13.5	8.2	12.0	12.8	10.2	8.8	13.2	12.6	6.5	5.6	5.1
57.5°	64.9	54.3	59.6	54.1	37.1	32.4	33.5	32.0	28.9	17.7	7.5
55°	223.5	191.5	150.5	130.0	125.2	95.8	71.4	59.6	54.1	39.0	25.8
52.5°	283.9	264.0	232.9	190.0	167.2	158.6	135.6	108.5	86.2	68.9	49.5
50°	355.9	361.3	329.4	270.1	246.7	221.3	199.0	167.6	139.4	111.8	82.5
47.5°	580.6	540.9	508.9	464.6	380.7	327.1	291.8	240.5	201.7	168.4	132.2
45°	774.2	728.7	697.4	628.8	539.5	456.6	401.2	336.8	268.3	223.6	190.8
42.5°	911.7	852.8	801.4	745.4	660.1	566.5	490.6	426.9	354.8	282.4	238.8
40°	1046.2	952.8	901.9	851.7	771.3	666.4	607.2	513.7	438.4	358.2	298.6
37.5°	1246.8	1088.0	1070.0	1021.7	930.8	821.6	755.0	662.8	523.3	447.6	379.1
35°	1585.9	1422.3	1327.8	1280.5	1162.6	1023.5	913.8	827.7	689.2	540.3	461.4
32.5°	1959.5	1752.4	1609.1	1541.6	1415.1	1226.3	1091.0	981.4	842.5	673.9	547.4
30°	2170.5	1981.6	1809.0	1693.6	1570.6	1408.3	1253.1	1098.3	947.5	807.9	640.5
27.5°	2366.8	2131.4	1945.2	1815.0	1699.8	1543.8	1372.1	1206.2	1040.4	902.5	753.2
25°	2553.8	2292.9	2090.1	1937.1	1803.3	1679.7	1485.6	1304.3	1131.5	979.1	862.3
22.5°	2728.1	2485.9	2252.2	2052.2	1938.8	1806.2	1614.8	1395.2	1226.3	1098.2	960.7
20°	3015.0	2744.0	2448.0	2275.0	2169.5	1964.7	1748.1	1531.0	1375.8	1229.1	1067.4
17.5°	3488.1	3149.8	2796.0	2610.7	2461.3	2210.1	1934.1	1718.7	1525.0	1361.5	1183.5
15°	4006.0	3570.5	3219.9	2980.5	2743.9	2449.6	2130.2	1897.5	1677.4	1493.4	1290.2
12.5°	4261.9	3847.4	3537.3	3199.8	2894.6	2628.0	2325.7	2069.1	1819.3	1579.6	1356.2
10°	4414.6	4002.7	3651.9	3315.1	3009.1	2752.5	2471.8	2167.8	1890.3	1636.6	1411.2
7.5°	4533.5	4109.0	3735.3	3400.1	3090.0	2819.4	2550.7	2232.0	1947.1	1682.7	1455.4
5°	4615.7	4191.8	3812.9	3474.0	3147.6	2867.4	2609.3	2280.6	1989.4	1717.7	1489.0
2.5°	4700.5	4256.2	3861.5	3521.8	3184.3	2897.8	2644.7	2317.8	2023.8	1743.7	1517.0
0°	4733.5	4293.2	3895.4	3546.8	3204.8	2909.8	2655.0	2342.2	2047.2	1758.9	1535.4
-2.5°	4754.7	4305.3	3908.6	3563.0	3232.0	2929.0	2666.6	2369.6	2054.5	1775.2	1540.5
-5°	4722.5	4291.1	3897.5	3549.6	3232.6	2930.4	2658.6	2373.6	2052.6	1779.6	1536.5
-7.5°	4682.9	4253.2	3855.3	3513.9	3209.3	2910.2	2634.5	2355.8	2045.6	1772.4	1529.0
-10°	4615.9	4192.9	3814.0	3476.8	3168.3	2867.2	2599.5	2322.1	2022.8	1752.1	1511.2
-12.5°	4526.6	4116.7	3742.5	3409.0	3113.0	2822.9	2560.7	2275.5	1983.8	1718.4	1483.1
-15°	4408.5	4017.0	3654.0	3328.9	3042.6	2765.2	2503.2	2224.0	1945.8	1676.7	1444.6
-17.5°	4279.3	3885.4	3528.0	3221.7	2950.2	2687.1	2430.0	2169.8	1902.0	1637.6	1409.9
-20°	4132.7	3745.9	3391.7	3094.9	2838.7	2589.4	2351.7	2109.3	1841.2	1592.7	1373.4



REPORT NUMBER: P626950 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3921.7	3580.0	3255.3	2964.2	2719.3	2491.2	2262.3	2027.8	1762.4	1536.4	1323.8
-25°	3713.1	3395.4	3103.5	2836.0	2599.5	2382.9	2160.2	1927.7	1692.2	1470.3	1263.2
-27.5°	3508.9	3214.7	2923.9	2683.4	2471.0	2259.4	2050.2	1830.3	1613.4	1395.9	1206.2
-30°	3288.6	3013.3	2751.2	2525.5	2324.4	2128.6	1940.4	1735.1	1521.7	1315.3	1144.7
-32.5°	3046.5	2805.0	2573.9	2361.4	2173.5	2000.0	1821.4	1626.8	1416.0	1240.0	1073.5
-35°	2811.6	2588.6	2389.3	2201.8	2031.2	1872.5	1699.6	1504.7	1319.6	1154.4	993.2
-37.5°	2601.3	2384.2	2199.6	2038.1	1895.6	1745.0	1572.6	1399.7	1225.6	1059.2	918.5
-40°	2383.8	2181.2	2017.2	1885.9	1749.5	1614.0	1462.3	1301.5	1129.8	967.2	845.2
-42.5°	2172.9	2009.4	1847.8	1716.4	1594.1	1483.2	1355.2	1192.9	1035.0	893.7	776.5
-45°	1966.5	1817.9	1670.3	1550.5	1448.8	1344.8	1230.4	1082.9	941.1	819.8	709.2
-47.5°	1754.3	1629.3	1506.2	1394.8	1303.9	1202.9	1092.4	967.5	851.2	741.9	644.0
-50°	1550.7	1449.2	1349.6	1253.1	1161.1	1062.5	963.8	862.9	759.2	664.0	575.1
-52.5°	1358.9	1274.8	1190.7	1106.2	1025.8	939.6	848.5	758.8	667.6	588.0	508.6
-55°	1178.4	1106.4	1039.7	971.9	904.2	826.4	744.3	663.5	590.7	517.5	452.8
-57.5°	1018.7	955.5	902.4	847.1	789.8	721.0	650.7	582.4	522.0	461.5	401.6
-60°	877.7	822.6	777.0	728.8	678.0	620.4	564.6	510.5	458.3	408.9	357.3
-62.5°	744.4	699.9	658.9	618.1	576.8	533.2	485.4	441.8	401.4	359.8	313.1
-65°	618.3	583.5	549.1	516.1	482.2	447.1	409.1	374.6	341.5	307.8	267.5
-67.5°	503.4	476.1	448.2	420.6	394.1	366.3	337.4	308.6	281.7	254.2	221.5
-70°	405.2	384.7	363.0	340.0	318.0	296.3	273.9	250.7	226.0	203.5	181.1
-72.5°	327.1	312.3	296.1	277.5	257.7	239.0	220.8	202.7	183.9	164.7	145.1
-75°	264.3	253.5	241.1	225.6	209.6	193.3	178.0	162.4	145.3	126.6	108.4
-77.5°	209.3	202.7	195.1	182.6	170.1	157.4	143.8	126.7	109.4	92.1	77.1
-80°	156.9	153.8	149.3	138.5	127.7	116.9	105.6	90.7	75.9	62.0	50.8
-82.5°	103.5	101.4	98.5	91.3	84.2	77.2	70.1	59.7	49.8	40.5	32.2
-85°	56.6	54.7	52.7	49.3	45.9	42.5	39.1	33.4	28.0	23.0	18.6
-87.5°	20.7	20.0	19.3	18.5	17.8	17.0	16.3	14.6	13.0	11.4	9.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626950 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-722-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°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.2	5.6	5.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7	1.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.7
82.5°	0.0	0.0	0.0	0.0	0.4	0.6	0.6	0.6	0.3	0.1	0.2
80°	0.0	0.0	0.0	0.1	0.5	1.2	1.5	1.5	1.2	0.8	0.4
77.5°	0.0	0.0	0.0	0.0	0.2	0.6	1.3	2.0	2.0	1.5	1.1
75°	0.0	0.0	0.0	0.1	0.1	0.0	0.5	1.2	1.8	2.2	1.7
72.5°	0.0	0.0	0.0	0.3	0.6	0.6	0.4	0.4	1.3	1.9	2.2
70°	0.3	0.1	0.0	0.4	0.9	1.3	1.2	1.0	0.8	1.6	2.1
67.5°	1.0	1.1	0.8	0.6	1.0	1.5	2.0	2.0	1.7	1.4	2.0
65°	2.6	2.4	2.2	1.9	1.7	1.6	2.1	2.7	2.6	2.2	2.0
62.5°	3.9	3.9	3.6	3.3	2.9	2.5	2.3	3.1	3.4	3.0	2.5
60°	5.0	5.3	5.0	4.6	4.1	3.7	3.3	3.5	3.9	3.8	3.2
57.5°	6.9	6.8	6.7	6.1	5.3	4.8	4.5	4.4	4.5	4.4	3.9
55°	12.2	8.5	8.6	7.9	6.8	5.9	5.7	5.4	5.2	5.1	4.6
52.5°	31.0	17.2	11.0	10.2	8.9	7.3	6.8	6.5	6.1	5.8	5.2
50°	57.3	37.1	21.0	13.2	11.3	9.6	8.0	7.5	7.1	6.6	5.8
47.5°	91.7	63.8	41.5	20.8	14.5	12.0	10.0	8.6	8.0	7.4	6.4
45°	141.3	94.0	65.2	41.2	19.3	16.5	12.3	9.6	9.0	8.2	7.0
42.5°	196.6	137.9	91.4	62.2	36.9	22.9	14.7	11.7	9.9	9.0	7.7
40°	250.9	190.7	122.8	85.8	55.7	30.7	21.2	14.0	10.8	9.9	8.5
37.5°	310.9	246.4	172.1	110.9	74.9	46.8	29.0	16.3	12.3	10.9	9.3
35°	385.1	308.2	221.4	147.7	99.1	61.8	37.8	20.7	15.1	11.9	10.1
32.5°	459.3	370.0	274.6	190.6	124.5	75.6	49.1	29.5	18.4	12.9	10.9
30°	533.9	426.5	324.8	230.3	153.7	97.8	61.4	38.1	22.2	14.0	11.8
27.5°	601.0	479.9	371.7	271.7	187.9	121.1	74.2	46.4	26.4	15.8	12.6
25°	676.9	537.6	417.9	311.4	219.2	145.5	87.3	54.5	32.5	19.1	13.5
22.5°	774.5	596.8	460.7	347.3	250.2	168.8	104.2	65.3	39.2	22.5	14.4
20°	871.6	654.7	502.6	392.3	284.0	195.1	123.7	76.0	45.6	26.0	15.3
17.5°	966.8	728.9	563.7	438.3	320.1	219.7	141.9	86.5	51.6	29.6	16.2
15°	1052.2	813.9	623.6	481.7	355.4	242.4	158.8	96.7	57.2	33.2	17.3
12.5°	1123.9	887.1	680.1	522.4	389.5	263.1	174.2	106.5	62.5	37.2	18.8
10°	1183.2	949.1	732.5	560.0	421.6	281.8	188.1	116.3	68.6	41.5	20.5
7.5°	1230.5	1000.3	780.1	594.2	450.8	299.2	203.0	126.6	74.5	45.5	22.1
5°	1266.1	1040.2	817.0	618.6	474.0	315.3	216.8	136.1	79.9	49.3	23.7
2.5°	1289.3	1069.6	844.3	637.8	492.9	328.8	228.8	144.6	84.9	52.8	25.3
0°	1302.9	1090.6	864.9	652.6	507.3	339.7	239.1	152.0	89.4	55.9	26.8
-2.5°	1315.1	1104.4	882.9	678.3	517.2	357.6	245.7	158.7	96.5	58.1	29.5
-5°	1319.1	1110.5	894.7	698.1	523.2	372.1	250.3	164.1	102.7	59.9	32.0
-7.5°	1312.4	1106.8	898.9	709.3	526.0	382.4	253.0	168.4	107.7	61.3	34.2
-10°	1297.2	1094.9	893.4	705.9	529.7	385.6	254.6	171.5	111.4	62.3	36.0
-12.5°	1274.8	1076.8	881.6	698.4	529.1	383.6	258.8	173.9	113.3	63.0	37.4
-15°	1245.5	1053.1	863.7	687.4	522.7	379.0	259.8	174.8	113.1	64.3	38.2
-17.5°	1210.9	1024.3	839.6	673.3	510.4	372.0	257.5	173.7	111.9	66.3	39.0
-20°	1176.3	992.5	811.1	656.6	491.7	363.0	251.5	170.5	109.9	67.5	39.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626950 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-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°	1135.7	955.9	786.4	633.3	471.4	352.1	241.7	165.1	107.0	68.1	40.1
-25°	1089.1	913.1	756.8	601.4	455.5	339.8	231.6	157.4	103.2	67.9	40.0
-27.5°	1036.4	867.5	721.8	566.4	438.9	322.6	222.0	151.8	99.9	66.9	39.4
-30°	977.6	824.4	680.1	532.7	418.7	304.0	209.4	145.4	98.5	65.6	38.3
-32.5°	914.3	776.0	635.2	507.0	395.7	284.8	198.4	138.2	96.0	64.0	38.4
-35°	854.8	723.3	589.4	477.4	371.3	273.4	191.0	130.3	92.5	61.8	38.6
-37.5°	791.2	668.1	553.2	446.5	345.6	260.3	185.0	126.7	88.0	58.9	38.4
-40°	729.9	615.6	511.2	417.1	326.5	245.5	175.5	122.7	83.7	55.4	37.9
-42.5°	667.9	566.4	471.0	385.1	308.6	231.2	163.5	116.6	80.3	53.5	37.1
-45°	610.9	515.5	428.3	357.1	288.6	213.0	154.1	109.0	76.0	52.0	36.3
-47.5°	550.9	463.7	389.2	326.5	262.5	193.1	142.3	102.9	70.8	50.2	35.8
-50°	489.0	414.6	352.7	292.9	230.6	176.5	129.7	95.8	69.0	48.7	34.9
-52.5°	434.8	371.5	315.3	258.4	206.5	157.1	120.1	88.1	66.6	47.4	33.6
-55°	388.2	330.5	278.5	230.1	183.5	142.8	109.2	84.4	63.6	45.9	32.1
-57.5°	347.0	292.5	248.3	204.8	164.4	129.1	101.6	80.0	60.4	43.7	30.8
-60°	306.9	262.2	220.9	182.1	146.5	117.3	95.6	75.0	56.6	41.0	29.3
-62.5°	269.9	230.5	194.6	159.5	130.5	107.6	88.8	69.2	52.1	37.6	27.3
-65°	231.0	197.5	167.2	139.6	115.9	96.3	79.9	62.5	46.3	33.5	24.7
-67.5°	190.7	166.0	142.3	119.3	100.0	83.6	69.8	53.7	39.4	28.8	21.7
-70°	158.8	137.1	117.0	99.0	83.3	69.8	57.0	43.5	31.8	24.6	18.5
-72.5°	126.4	108.7	92.3	77.9	66.7	55.3	43.7	33.3	26.4	20.3	15.1
-75°	93.5	81.6	70.9	60.9	50.8	40.8	33.3	26.5	20.8	15.8	12.7
-77.5°	67.9	59.3	51.4	45.1	38.1	31.5	25.2	19.4	15.7	13.1	10.7
-80°	46.1	41.6	37.2	32.8	27.2	21.9	18.1	14.9	12.7	10.6	8.6
-82.5°	29.1	26.6	24.5	22.2	19.0	16.0	13.4	11.2	9.5	7.9	7.0
-85°	17.3	16.0	14.7	13.4	11.6	10.0	9.2	8.5	7.8	7.1	6.4
-87.5°	9.7	9.6	9.4	9.3	8.8	8.4	8.0	7.6	7.0	6.3	5.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.1	1.6

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REPORT NUMBER: P626950 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	4.5	3.9	3.4	2.8	2.2	2.2	2.2
87.5°	1.6	1.8	2.0	2.1	2.2	2.2	2.2
85°	1.1	1.5	1.8	2.1	2.2	2.2	2.2
82.5°	0.5	1.1	1.6	2.0	2.2	2.2	2.2
80°	0.1	0.8	1.5	1.9	2.2	2.2	2.2
77.5°	0.7	0.7	1.3	1.9	2.2	2.2	2.2
75°	1.2	1.1	1.2	1.8	2.2	2.2	2.2
72.5°	1.8	1.4	1.4	1.8	2.2	2.2	2.2
70°	2.2	1.8	1.6	1.8	2.2	2.2	2.2
67.5°	2.3	2.1	1.8	1.8	2.2	2.2	2.2
65°	2.4	2.3	1.9	1.9	2.2	2.2	2.2
62.5°	2.5	2.5	2.1	2.0	2.2	2.2	2.2
60°	2.6	2.7	2.2	2.0	2.2	2.2	2.2
57.5°	3.2	2.9	2.4	2.1	2.2	2.2	2.2
55°	3.7	3.1	2.6	2.1	2.3	2.2	2.2
52.5°	4.3	3.4	2.9	2.2	2.3	2.2	2.2
50°	4.9	3.9	3.1	2.2	2.4	2.2	2.2
47.5°	5.4	4.3	3.4	2.3	2.4	2.2	2.2
45°	5.9	4.8	3.7	2.5	2.5	2.2	2.2
42.5°	6.4	5.2	4.0	2.7	2.6	2.2	2.2
40°	6.9	5.6	4.3	3.0	2.6	2.2	2.2
37.5°	7.4	6.0	4.6	3.3	2.7	2.2	2.2
35°	7.8	6.4	4.9	3.6	2.8	2.2	2.2
32.5°	8.4	6.8	5.2	3.8	2.9	2.2	2.2
30°	9.0	7.1	5.5	4.1	3.0	2.2	2.2
27.5°	9.7	7.5	5.8	4.4	3.2	2.2	2.2
25°	10.4	7.8	6.2	4.7	3.3	2.2	2.2
22.5°	11.0	8.1	6.5	4.9	3.4	2.2	2.2
20°	11.7	8.5	6.8	5.2	3.5	2.2	2.2
17.5°	12.3	8.9	7.2	5.4	3.7	2.2	2.2
15°	12.9	9.3	7.4	5.6	3.8	2.2	2.2
12.5°	13.5	9.7	7.7	5.8	3.9	2.2	2.2
10°	14.0	10.0	8.0	6.0	4.0	2.2	2.2
7.5°	14.5	10.3	8.2	6.2	4.2	2.2	2.2
5°	14.9	10.6	8.5	6.4	4.3	2.2	2.2
2.5°	15.3	10.9	8.7	6.5	4.4	2.2	2.2
0°	15.6	11.2	8.9	6.7	4.5	2.2	2.2
-2.5°	16.5	11.4	9.1	6.7	4.5	2.2	2.2
-5°	17.3	11.6	9.3	6.7	4.5	2.2	2.2
-7.5°	18.0	11.8	9.4	6.6	4.5	2.2	2.2
-10°	18.5	12.0	9.5	6.6	4.4	2.2	2.2
-12.5°	19.0	12.1	9.6	6.5	4.4	2.2	2.2
-15°	19.3	12.3	9.6	6.5	4.3	2.2	2.2
-17.5°	19.3	12.4	9.6	6.4	4.3	2.2	2.2
-20°	19.8	12.4	9.6	6.3	4.2	2.2	2.2

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CATALOG NUMBER: GFLD-SA2D-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	21.1	12.5	9.5	6.2	4.1	2.2	2.2
-25°	22.2	13.3	9.3	6.1	4.1	2.2	2.2
-27.5°	23.0	14.3	9.1	6.0	4.0	2.2	2.2
-30°	23.6	15.2	8.8	5.8	3.9	2.2	2.2
-32.5°	23.9	16.0	9.2	5.7	3.8	2.2	2.2
-35°	24.5	16.6	9.4	5.5	3.7	2.2	2.2
-37.5°	25.2	16.9	9.6	5.3	3.5	2.2	2.2
-40°	25.6	17.1	9.6	5.1	3.4	2.2	2.2
-42.5°	25.7	17.1	9.7	5.0	3.3	2.2	2.2
-45°	25.6	16.9	9.7	5.1	3.2	2.2	2.2
-47.5°	25.2	16.7	9.7	5.0	3.0	2.2	2.2
-50°	24.7	16.3	9.5	5.0	2.9	2.2	2.2
-52.5°	24.0	15.8	9.2	4.9	2.7	2.2	2.2
-55°	23.1	15.1	8.8	4.7	2.5	2.2	2.2
-57.5°	22.1	14.3	8.3	4.6	2.4	2.2	2.2
-60°	20.9	13.4	7.7	4.3	2.2	2.2	2.2
-62.5°	19.2	12.2	7.3	4.1	2.2	2.2	2.2
-65°	17.3	10.9	6.8	3.8	2.2	2.2	2.2
-67.5°	15.2	9.8	6.3	3.5	2.2	2.2	2.2
-70°	13.0	8.9	5.7	3.2	2.2	2.2	2.2
-72.5°	11.4	8.0	5.1	3.1	2.2	2.2	2.2
-75°	10.0	6.9	4.4	3.1	2.2	2.2	2.2
-77.5°	8.4	5.9	4.2	3.1	2.2	2.2	2.2
-80°	6.8	5.3	4.1	3.0	2.2	2.2	2.2
-82.5°	6.2	5.0	3.9	3.0	2.2	2.2	2.2
-85°	5.6	4.6	3.7	2.9	2.2	2.2	2.2
-87.5°	5.1	4.3	3.5	2.8	2.2	2.2	2.2
-90°	2.2	2.2	2.2	2.2	2.2	2.2	2.2

(END OF REPORT)