

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: P626891 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-722-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626891 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2C-722-U-VWR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N38
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

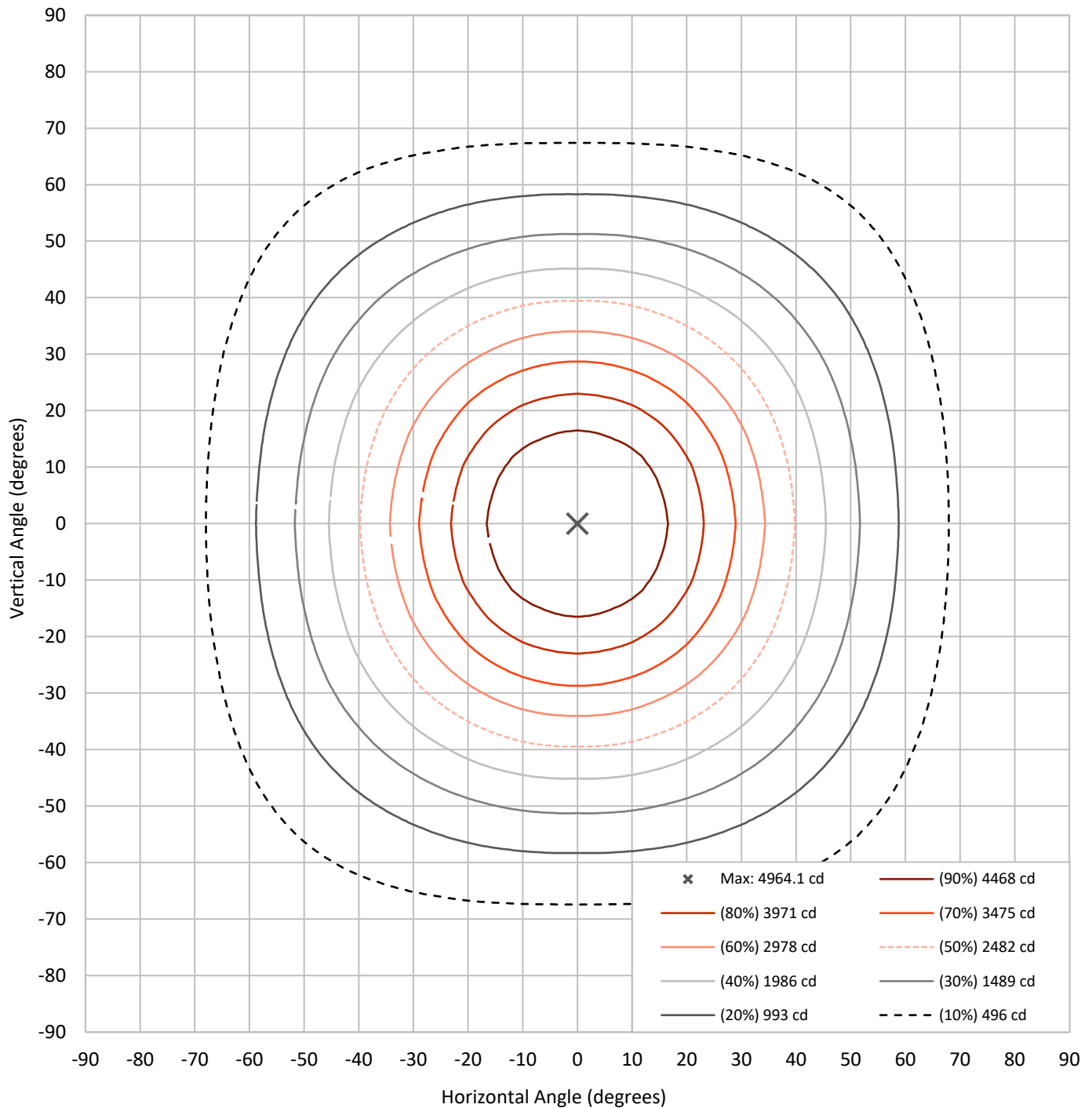
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	8972.2 lumens	Max Intensity:	4964.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	108.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	5262.3 lumens	Field Lumens:	8553.5 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	82.6		
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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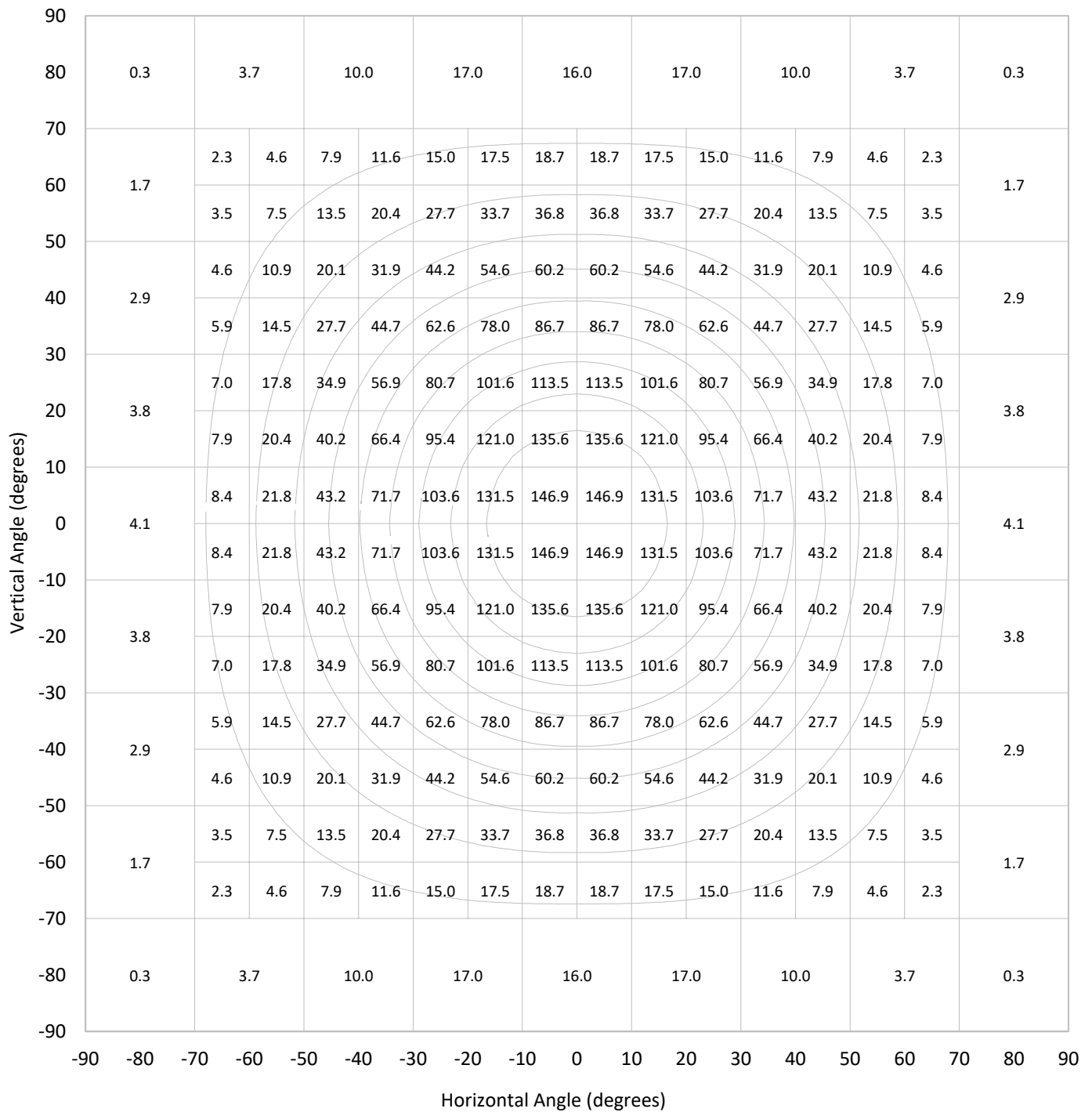
Iso-Candela Plot





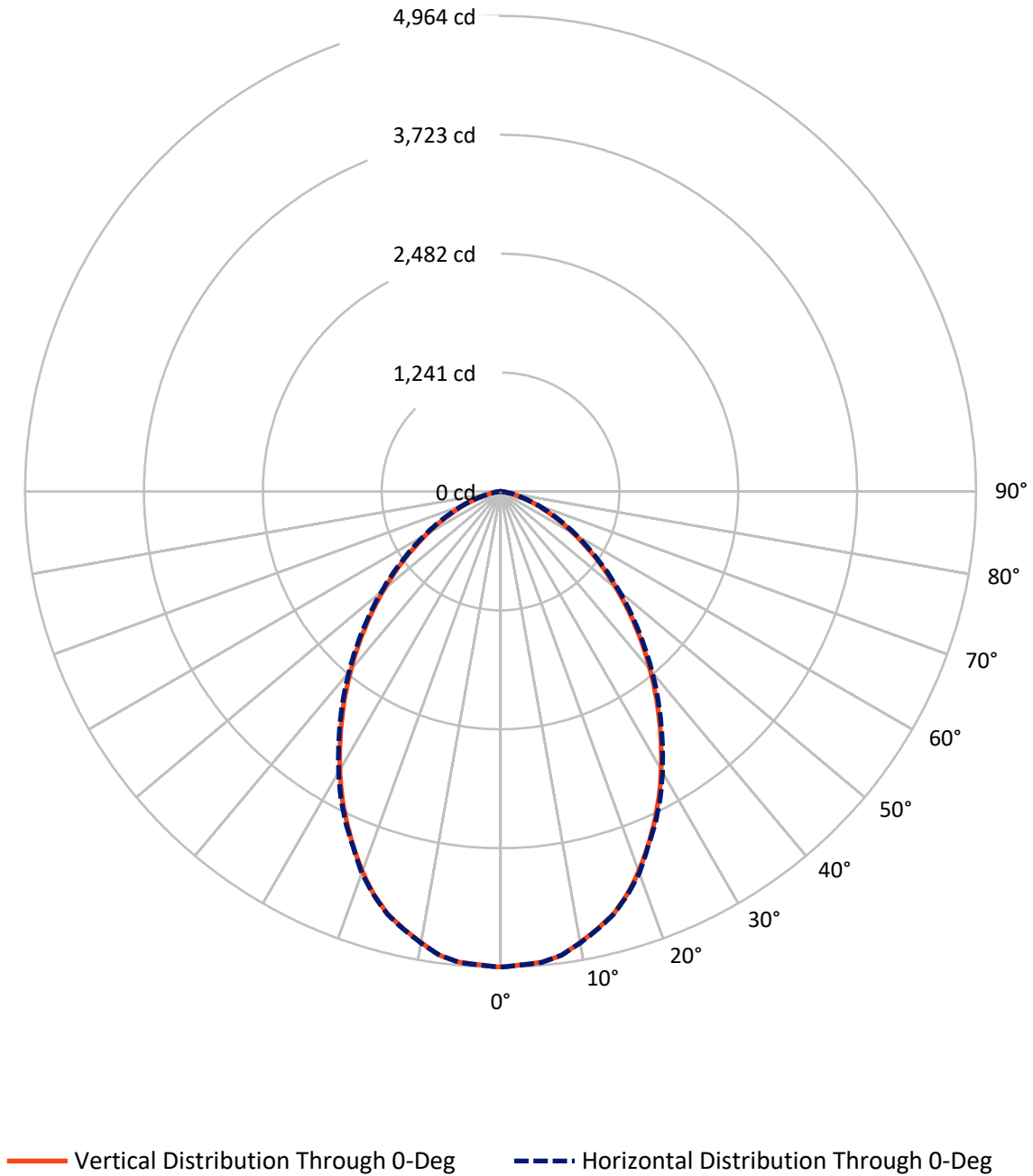
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Lumen Table



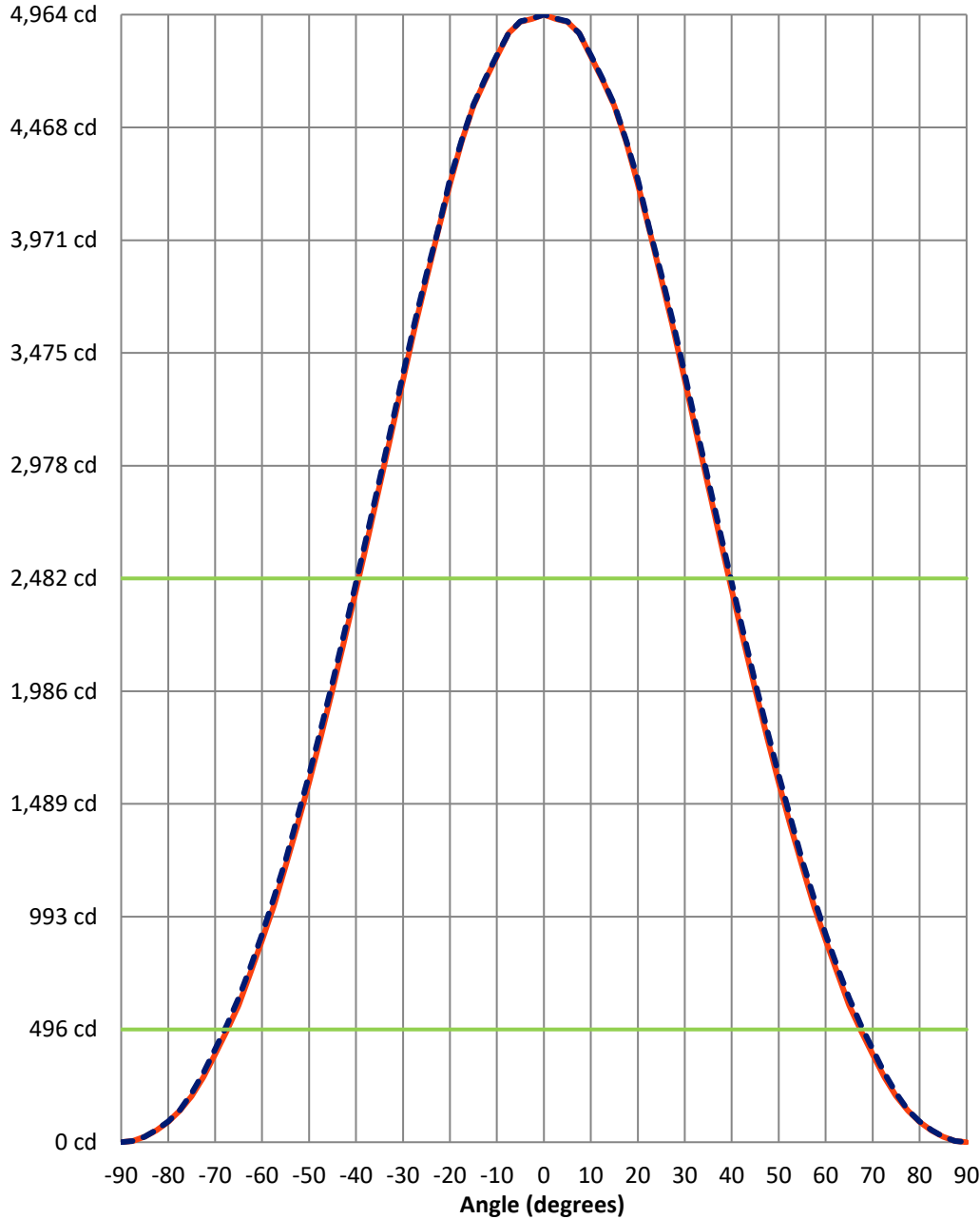
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 5262.3
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 8553.5
 Efficiency: 95.3%

Spill:
 Lumens: 418.7
 Efficiency: 4.7%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1
85°	0.0	0.6	1.3	1.9	2.6	3.2	3.8	4.4	5.1	5.7	6.2
82.5°	0.0	0.8	1.9	2.9	3.8	4.8	5.7	6.7	8.3	13.2	17.8
80°	0.0	1.1	2.6	3.8	5.1	6.4	8.6	15.4	21.9	28.2	34.2
77.5°	0.0	1.4	3.2	4.8	6.4	10.0	18.9	27.4	35.4	43.1	52.6
75°	0.0	1.7	3.8	5.7	8.3	17.4	28.9	39.3	49.3	63.1	77.7
72.5°	0.0	1.9	4.4	6.7	13.3	24.5	38.5	52.1	67.8	84.6	102.3
70°	0.0	2.2	5.0	8.0	18.1	31.4	48.2	67.4	85.9	105.7	128.8
67.5°	0.0	2.5	5.6	11.0	22.7	38.0	59.8	82.4	103.7	128.6	155.1
65°	0.0	2.7	6.1	13.8	27.1	45.4	70.9	97.0	122.8	150.9	179.7
62.5°	0.0	3.0	6.6	16.5	31.3	53.5	81.4	112.2	141.3	172.1	201.7
60°	0.0	3.2	7.2	19.1	35.2	61.1	91.3	127.3	159.1	192.0	223.4
57.5°	0.0	3.4	8.6	21.5	40.5	68.3	101.8	141.4	176.7	211.5	243.9
55°	0.0	3.6	10.0	23.8	45.4	74.9	111.7	153.6	193.9	230.4	263.7
52.5°	0.0	3.8	11.4	25.9	50.1	81.3	120.8	166.2	210.8	247.7	283.0
50°	0.0	4.0	12.7	27.8	54.3	88.0	129.2	178.2	226.8	264.6	305.0
47.5°	0.0	4.2	13.9	29.8	58.2	94.2	137.1	189.3	241.3	280.9	326.6
45°	0.0	4.4	15.1	32.4	61.7	99.7	145.8	199.6	252.6	299.4	347.3
42.5°	0.0	4.6	16.2	34.7	64.8	104.6	153.8	209.1	263.4	317.1	371.6
40°	0.0	4.7	17.3	37.1	67.9	108.9	161.1	218.0	274.6	333.6	395.3
37.5°	0.0	4.9	18.3	39.5	71.0	112.6	167.6	226.5	287.2	349.3	417.6
35°	0.0	5.0	19.2	41.7	73.7	116.9	173.4	234.6	299.5	367.4	440.0
32.5°	0.0	5.1	20.0	43.7	75.9	121.1	178.7	242.0	311.4	384.8	463.7
30°	0.0	5.2	20.8	45.6	77.7	124.7	184.2	249.5	322.9	401.4	485.9
27.5°	0.0	5.3	21.5	47.3	80.3	127.8	189.2	258.2	334.7	417.2	506.5
25°	0.0	5.4	22.1	48.8	82.8	130.1	193.5	266.3	347.0	433.2	525.6
22.5°	0.0	5.5	22.7	50.1	85.0	132.5	197.3	273.7	358.4	448.4	545.8
20°	0.0	5.6	23.1	51.2	86.9	135.8	200.4	280.4	368.7	462.0	564.0
17.5°	0.0	5.6	23.5	52.2	88.5	138.5	204.2	286.2	377.9	473.9	580.0
15°	0.0	5.6	23.9	53.0	89.8	140.6	208.2	291.8	385.9	484.1	593.9
12.5°	0.0	5.7	24.1	53.6	90.8	142.1	211.5	297.1	393.1	492.6	605.4
10°	0.0	5.7	24.3	54.1	91.5	143.1	214.0	301.1	399.4	500.6	615.2
7.5°	0.0	5.7	24.4	54.3	91.8	143.4	215.7	304.0	404.1	507.0	623.6
5°	0.0	5.7	24.4	54.4	91.9	143.3	216.6	305.6	407.4	511.6	629.7
2.5°	0.0	5.6	24.3	54.3	91.7	142.6	216.6	306.0	409.2	514.4	633.3
0°	0.0	5.6	24.2	54.0	91.2	141.4	215.8	305.1	409.3	515.4	634.5
-2.5°	0.0	5.6	24.3	54.3	91.7	142.6	216.6	306.0	409.2	514.4	633.3
-5°	0.0	5.7	24.4	54.4	91.9	143.3	216.6	305.6	407.4	511.6	629.7
-7.5°	0.0	5.7	24.4	54.3	91.8	143.4	215.7	304.0	404.1	507.0	623.6
-10°	0.0	5.7	24.3	54.1	91.5	143.1	214.0	301.1	399.4	500.6	615.2
-12.5°	0.0	5.7	24.1	53.6	90.8	142.1	211.5	297.1	393.1	492.6	605.4
-15°	0.0	5.6	23.9	53.0	89.8	140.6	208.2	291.8	385.9	484.1	593.9
-17.5°	0.0	5.6	23.5	52.2	88.5	138.5	204.2	286.2	377.9	473.9	580.0
-20°	0.0	5.6	23.1	51.2	86.9	135.8	200.4	280.4	368.7	462.0	564.0

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.5	22.7	50.1	85.0	132.5	197.3	273.7	358.4	448.4	545.8
-25°	0.0	5.4	22.1	48.8	82.8	130.1	193.5	266.3	347.0	433.2	525.6
-27.5°	0.0	5.3	21.5	47.3	80.3	127.8	189.2	258.2	334.7	417.2	506.5
-30°	0.0	5.2	20.8	45.6	77.7	124.7	184.2	249.5	322.9	401.4	485.9
-32.5°	0.0	5.1	20.0	43.7	75.9	121.1	178.7	242.0	311.4	384.8	463.7
-35°	0.0	5.0	19.2	41.7	73.7	116.9	173.4	234.6	299.5	367.4	440.0
-37.5°	0.0	4.9	18.3	39.5	71.0	112.6	167.6	226.5	287.2	349.3	417.6
-40°	0.0	4.7	17.3	37.1	67.9	108.9	161.1	218.0	274.6	333.6	395.3
-42.5°	0.0	4.6	16.2	34.7	64.8	104.6	153.8	209.1	263.4	317.1	371.6
-45°	0.0	4.4	15.1	32.4	61.7	99.7	145.8	199.6	252.6	299.4	347.3
-47.5°	0.0	4.2	13.9	29.8	58.2	94.2	137.1	189.3	241.3	280.9	326.6
-50°	0.0	4.0	12.7	27.8	54.3	88.0	129.2	178.2	226.8	264.6	305.0
-52.5°	0.0	3.8	11.4	25.9	50.1	81.3	120.8	166.2	210.8	247.7	283.0
-55°	0.0	3.6	10.0	23.8	45.4	74.9	111.7	153.6	193.9	230.4	263.7
-57.5°	0.0	3.4	8.6	21.5	40.5	68.3	101.8	141.4	176.7	211.5	243.9
-60°	0.0	3.2	7.2	19.1	35.2	61.1	91.3	127.3	159.1	192.0	223.4
-62.5°	0.0	3.0	6.6	16.5	31.3	53.5	81.4	112.2	141.3	172.1	201.7
-65°	0.0	2.7	6.1	13.8	27.1	45.4	70.9	97.0	122.8	150.9	179.7
-67.5°	0.0	2.5	5.6	11.0	22.7	38.0	59.8	82.4	103.7	128.6	155.1
-70°	0.0	2.2	5.0	8.0	18.1	31.4	48.2	67.4	85.9	105.7	128.8
-72.5°	0.0	1.9	4.4	6.7	13.3	24.5	38.5	52.1	67.8	84.6	102.3
-75°	0.0	1.7	3.8	5.7	8.3	17.4	28.9	39.3	49.3	63.1	77.7
-77.5°	0.0	1.4	3.2	4.8	6.4	10.0	18.9	27.4	35.4	43.1	52.6
-80°	0.0	1.1	2.6	3.8	5.1	6.4	8.6	15.4	21.9	28.2	34.2
-82.5°	0.0	0.8	1.9	2.9	3.8	4.8	5.7	6.7	8.3	13.2	17.8
-85°	0.0	0.6	1.3	1.9	2.6	3.2	3.8	4.4	5.1	5.7	6.2
-87.5°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1
-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: P626891 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-722-U-VWR-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°	3.6	4.2	4.7	5.3	5.4	5.4	5.3	5.2	5.5	5.7	5.9
85°	7.2	8.3	11.6	14.7	16.2	17.1	17.6	17.5	20.3	23.7	27.3
82.5°	22.6	27.3	31.7	36.0	37.1	37.1	36.7	36.8	43.6	51.2	59.1
80°	40.3	46.2	54.1	61.0	64.1	65.6	66.4	66.3	74.7	86.0	97.9
77.5°	63.9	73.9	82.6	90.0	94.0	97.5	100.3	102.5	113.4	127.6	141.8
75°	90.9	101.8	112.7	122.2	128.8	133.7	138.2	145.6	159.9	176.5	191.0
72.5°	119.3	133.3	145.4	155.6	164.9	174.8	185.8	197.9	213.0	229.6	244.8
70°	149.7	165.0	177.7	190.0	202.7	217.5	234.0	250.4	267.1	285.5	303.1
67.5°	179.4	194.1	209.1	224.7	243.6	263.4	283.0	305.5	328.5	348.9	367.1
65°	205.1	222.5	241.2	262.4	285.8	310.9	337.0	364.0	393.2	417.6	439.9
62.5°	229.7	250.6	273.4	299.8	329.6	359.3	392.7	426.5	459.3	488.1	514.7
60°	252.5	277.8	306.5	338.8	373.6	413.2	451.2	489.6	525.6	558.2	591.9
57.5°	274.6	306.4	340.8	379.7	423.7	468.2	512.8	554.1	594.9	634.6	672.7
55°	298.0	336.3	377.2	424.9	474.6	527.2	575.3	621.3	666.2	714.5	760.3
52.5°	323.7	366.5	417.7	471.1	528.5	584.9	637.8	690.2	744.5	799.1	858.8
50°	348.5	401.8	458.1	520.1	582.1	642.6	703.1	763.5	828.6	895.6	963.2
47.5°	377.5	435.7	502.1	568.7	636.4	703.7	771.1	844.2	918.1	995.8	1070.6
45°	406.8	472.3	543.8	619.1	692.4	766.8	845.7	926.5	1013.1	1098.5	1188.6
42.5°	434.6	508.7	587.5	668.8	750.3	833.4	920.2	1014.6	1109.3	1207.8	1306.7
40°	465.4	543.2	630.2	719.7	808.1	900.3	999.5	1101.7	1208.8	1317.1	1424.6
37.5°	495.1	580.6	672.0	768.3	867.5	968.9	1076.6	1192.6	1308.7	1425.3	1543.8
35°	522.8	616.0	715.0	817.3	922.4	1037.8	1158.2	1282.0	1407.9	1533.9	1661.4
32.5°	551.3	649.4	756.1	865.5	981.5	1105.1	1237.0	1371.2	1505.2	1639.8	1779.4
30°	579.9	684.4	795.8	911.2	1038.0	1172.7	1314.4	1456.6	1598.4	1746.5	1895.2
27.5°	607.0	717.6	834.9	958.4	1092.2	1235.3	1385.8	1538.1	1691.0	1848.5	2007.1
25°	631.8	749.0	871.2	1003.8	1145.6	1295.6	1452.4	1611.2	1779.0	1947.5	2113.1
22.5°	656.1	777.9	904.8	1045.6	1194.1	1351.5	1514.8	1682.5	1857.8	2038.8	2210.1
20°	679.4	805.4	937.6	1083.6	1237.4	1401.9	1571.5	1747.2	1931.0	2116.9	2301.2
17.5°	700.2	829.9	968.0	1119.0	1278.8	1447.9	1622.6	1804.0	1996.1	2188.7	2384.0
15°	718.2	851.2	994.4	1149.9	1315.3	1489.8	1670.0	1856.6	2053.6	2254.2	2457.2
12.5°	733.5	869.2	1016.6	1176.2	1346.4	1525.6	1710.8	1904.0	2106.3	2312.5	2521.4
10°	745.9	883.9	1034.6	1197.7	1371.7	1555.3	1744.4	1943.0	2151.3	2362.0	2575.4
7.5°	756.5	896.2	1048.9	1214.3	1391.2	1578.5	1770.5	1973.4	2187.2	2400.7	2618.7
5°	764.1	906.1	1061.9	1228.2	1408.2	1596.7	1790.3	1995.1	2213.5	2428.2	2650.1
2.5°	768.8	912.5	1070.8	1237.2	1421.6	1610.3	1807.9	2014.3	2232.7	2450.0	2673.7
0°	770.3	915.4	1075.4	1241.0	1429.0	1616.9	1817.8	2024.4	2242.0	2463.5	2688.6
-2.5°	768.8	912.5	1070.8	1237.2	1421.6	1610.3	1807.9	2014.3	2232.7	2450.0	2673.7
-5°	764.1	906.1	1061.9	1228.2	1408.2	1596.7	1790.3	1995.1	2213.5	2428.2	2650.1
-7.5°	756.5	896.2	1048.9	1214.3	1391.2	1578.5	1770.5	1973.4	2187.2	2400.7	2618.7
-10°	745.9	883.9	1034.6	1197.7	1371.7	1555.3	1744.4	1943.0	2151.3	2362.0	2575.4
-12.5°	733.5	869.2	1016.6	1176.2	1346.4	1525.6	1710.8	1904.0	2106.3	2312.5	2521.4
-15°	718.2	851.2	994.4	1149.9	1315.3	1489.8	1670.0	1856.6	2053.6	2254.2	2457.2
-17.5°	700.2	829.9	968.0	1119.0	1278.8	1447.9	1622.6	1804.0	1996.1	2188.7	2384.0
-20°	679.4	805.4	937.6	1083.6	1237.4	1401.9	1571.5	1747.2	1931.0	2116.9	2301.2

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CATALOG NUMBER: GFLD-SA2C-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	656.1	777.9	904.8	1045.6	1194.1	1351.5	1514.8	1682.5	1857.8	2038.8	2210.1
-25°	631.8	749.0	871.2	1003.8	1145.6	1295.6	1452.4	1611.2	1779.0	1947.5	2113.1
-27.5°	607.0	717.6	834.9	958.4	1092.2	1235.3	1385.8	1538.1	1691.0	1848.5	2007.1
-30°	579.9	684.4	795.8	911.2	1038.0	1172.7	1314.4	1456.6	1598.4	1746.5	1895.2
-32.5°	551.3	649.4	756.1	865.5	981.5	1105.1	1237.0	1371.2	1505.2	1639.8	1779.4
-35°	522.8	616.0	715.0	817.3	922.4	1037.8	1158.2	1282.0	1407.9	1533.9	1661.4
-37.5°	495.1	580.6	672.0	768.3	867.5	968.9	1076.6	1192.6	1308.7	1425.3	1543.8
-40°	465.4	543.2	630.2	719.7	808.1	900.3	999.5	1101.7	1208.8	1317.1	1424.6
-42.5°	434.6	508.7	587.5	668.8	750.3	833.4	920.2	1014.6	1109.3	1207.8	1306.7
-45°	406.8	472.3	543.8	619.1	692.4	766.8	845.7	926.5	1013.1	1098.5	1188.6
-47.5°	377.5	435.7	502.1	568.7	636.4	703.7	771.1	844.2	918.1	995.8	1070.6
-50°	348.5	401.8	458.1	520.1	582.1	642.6	703.1	763.5	828.6	895.6	963.2
-52.5°	323.7	366.5	417.7	471.1	528.5	584.9	637.8	690.2	744.5	799.1	858.8
-55°	298.0	336.3	377.2	424.9	474.6	527.2	575.3	621.3	666.2	714.5	760.3
-57.5°	274.6	306.4	340.8	379.7	423.7	468.2	512.8	554.1	594.9	634.6	672.7
-60°	252.5	277.8	306.5	338.8	373.6	413.2	451.2	489.6	525.6	558.2	591.9
-62.5°	229.7	250.6	273.4	299.8	329.6	359.3	392.7	426.5	459.3	488.1	514.7
-65°	205.1	222.5	241.2	262.4	285.8	310.9	337.0	364.0	393.2	417.6	439.9
-67.5°	179.4	194.1	209.1	224.7	243.6	263.4	283.0	305.5	328.5	348.9	367.1
-70°	149.7	165.0	177.7	190.0	202.7	217.5	234.0	250.4	267.1	285.5	303.1
-72.5°	119.3	133.3	145.4	155.6	164.9	174.8	185.8	197.9	213.0	229.6	244.8
-75°	90.9	101.8	112.7	122.2	128.8	133.7	138.2	145.6	159.9	176.5	191.0
-77.5°	63.9	73.9	82.6	90.0	94.0	97.5	100.3	102.5	113.4	127.6	141.8
-80°	40.3	46.2	54.1	61.0	64.1	65.6	66.4	66.3	74.7	86.0	97.9
-82.5°	22.6	27.3	31.7	36.0	37.1	37.1	36.7	36.8	43.6	51.2	59.1
-85°	7.2	8.3	11.6	14.7	16.2	17.1	17.6	17.5	20.3	23.7	27.3
-87.5°	3.6	4.2	4.7	5.3	5.4	5.4	5.3	5.2	5.5	5.7	5.9
-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: P626891 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.1	6.2	6.4	6.6	6.7	6.8	7.0	7.1	7.1	6.8	6.4
85°	31.1	33.3	35.3	37.3	39.1	40.9	42.6	44.2	45.6	41.6	37.3
82.5°	67.1	72.5	77.6	82.7	87.8	89.1	89.4	89.2	88.5	81.6	73.9
80°	109.6	118.7	127.3	135.8	144.2	145.2	144.2	142.5	140.0	130.9	120.6
77.5°	155.9	167.4	177.4	186.6	195.0	196.6	196.4	196.0	195.3	186.0	174.7
75°	203.4	214.7	225.5	234.7	242.4	245.9	247.6	248.8	249.5	242.8	234.1
72.5°	258.5	270.1	279.7	288.6	296.2	301.7	305.6	308.6	310.6	308.6	305.0
70°	318.2	330.7	341.3	351.4	361.6	369.9	376.1	380.6	383.5	385.3	386.7
67.5°	385.4	402.3	416.9	429.5	441.9	453.6	463.1	470.9	476.9	482.1	486.0
65°	461.2	482.7	501.8	519.4	535.4	552.3	566.1	577.7	587.1	594.8	601.0
62.5°	541.0	567.3	591.8	615.6	638.8	661.8	679.4	695.4	709.6	721.9	731.6
60°	623.7	653.7	686.5	717.9	746.8	773.2	799.4	822.1	841.5	857.6	870.5
57.5°	712.8	751.5	789.9	828.9	865.8	900.2	932.4	960.9	984.9	1004.6	1021.2
55°	808.9	857.5	902.0	951.1	998.6	1041.8	1079.9	1113.3	1142.3	1166.5	1187.0
52.5°	914.7	973.6	1031.4	1087.3	1141.3	1191.4	1237.0	1275.9	1310.6	1340.2	1363.9
50°	1030.3	1097.7	1164.8	1227.0	1289.0	1346.8	1399.0	1444.2	1484.5	1519.4	1546.9
47.5°	1151.3	1228.1	1303.0	1374.2	1442.7	1506.9	1563.5	1615.0	1665.3	1706.3	1738.7
45°	1277.0	1363.1	1445.7	1527.1	1602.5	1674.5	1744.3	1808.4	1860.0	1905.2	1943.1
42.5°	1404.1	1500.2	1592.7	1681.5	1764.4	1847.7	1926.2	1996.3	2055.2	2106.5	2149.6
40°	1532.9	1638.0	1740.0	1836.8	1931.7	2022.5	2107.4	2181.3	2247.7	2308.7	2359.4
37.5°	1661.0	1776.8	1889.7	1998.2	2102.6	2200.9	2292.7	2376.3	2451.1	2520.6	2577.0
35°	1789.8	1916.8	2040.4	2159.7	2273.8	2382.4	2482.8	2577.9	2666.1	2736.5	2794.2
32.5°	1918.0	2054.5	2189.0	2320.4	2445.4	2562.3	2671.1	2776.2	2867.0	2944.3	3010.7
30°	2042.1	2189.9	2336.5	2478.9	2613.8	2740.6	2861.1	2972.2	3069.8	3154.4	3228.8
27.5°	2163.9	2322.7	2479.9	2632.1	2778.0	2915.7	3047.2	3167.7	3274.2	3366.2	3444.6
25°	2278.9	2449.7	2617.2	2778.6	2934.4	3086.4	3228.3	3359.8	3473.6	3574.5	3655.2
22.5°	2388.9	2571.0	2747.0	2916.8	3083.5	3247.2	3402.6	3540.0	3660.6	3766.1	3855.3
20°	2491.3	2686.4	2866.5	3046.1	3221.7	3396.5	3563.4	3708.3	3835.9	3948.2	4046.5
17.5°	2587.0	2787.2	2976.9	3168.0	3353.0	3536.5	3706.0	3861.3	3998.9	4118.2	4221.3
15°	2668.1	2870.2	3077.4	3281.4	3476.6	3662.3	3831.7	3993.9	4146.7	4275.8	4380.3
12.5°	2733.7	2943.9	3160.1	3376.7	3583.0	3768.6	3945.9	4110.4	4270.9	4415.9	4511.9
10°	2789.7	3006.1	3229.3	3450.2	3659.3	3855.6	4048.4	4222.3	4380.1	4509.8	4617.1
7.5°	2838.1	3061.0	3287.6	3508.9	3717.3	3920.2	4118.6	4303.3	4462.6	4584.8	4680.5
5°	2873.7	3101.9	3333.0	3556.3	3767.6	3971.1	4170.4	4352.9	4508.4	4632.7	4737.0
2.5°	2899.3	3129.6	3362.3	3585.9	3801.9	4005.9	4210.3	4394.8	4545.3	4659.3	4759.1
0°	2915.6	3146.3	3380.7	3609.6	3821.7	4018.9	4238.5	4411.5	4567.8	4681.3	4785.5
-2.5°	2899.3	3129.6	3362.3	3585.9	3801.9	4005.9	4210.3	4394.8	4545.3	4659.3	4759.1
-5°	2873.7	3101.9	3333.0	3556.3	3767.6	3971.1	4170.4	4352.9	4508.4	4632.7	4737.0
-7.5°	2838.1	3061.0	3287.6	3508.9	3717.3	3920.2	4118.6	4303.3	4462.6	4584.8	4680.5
-10°	2789.7	3006.1	3229.3	3450.2	3659.3	3855.6	4048.4	4222.3	4380.1	4509.8	4617.1
-12.5°	2733.7	2943.9	3160.1	3376.7	3583.0	3768.6	3945.9	4110.4	4270.9	4415.9	4511.9
-15°	2668.1	2870.2	3077.4	3281.4	3476.6	3662.3	3831.7	3993.9	4146.7	4275.8	4380.3
-17.5°	2587.0	2787.2	2976.9	3168.0	3353.0	3536.5	3706.0	3861.3	3998.9	4118.2	4221.3
-20°	2491.3	2686.4	2866.5	3046.1	3221.7	3396.5	3563.4	3708.3	3835.9	3948.2	4046.5



REPORT NUMBER: P626891 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2388.9	2571.0	2747.0	2916.8	3083.5	3247.2	3402.6	3540.0	3660.6	3766.1	3855.3
-25°	2278.9	2449.7	2617.2	2778.6	2934.4	3086.4	3228.3	3359.8	3473.6	3574.5	3655.2
-27.5°	2163.9	2322.7	2479.9	2632.1	2778.0	2915.7	3047.2	3167.7	3274.2	3366.2	3444.6
-30°	2042.1	2189.9	2336.5	2478.9	2613.8	2740.6	2861.1	2972.2	3069.8	3154.4	3228.8
-32.5°	1918.0	2054.5	2189.0	2320.4	2445.4	2562.3	2671.1	2776.2	2867.0	2944.3	3010.7
-35°	1789.8	1916.8	2040.4	2159.7	2273.8	2382.4	2482.8	2577.9	2666.1	2736.5	2794.2
-37.5°	1661.0	1776.8	1889.7	1998.2	2102.6	2200.9	2292.7	2376.3	2451.1	2520.6	2577.0
-40°	1532.9	1638.0	1740.0	1836.8	1931.7	2022.5	2107.4	2181.3	2247.7	2308.7	2359.4
-42.5°	1404.1	1500.2	1592.7	1681.5	1764.4	1847.7	1926.2	1996.3	2055.2	2106.5	2149.6
-45°	1277.0	1363.1	1445.7	1527.1	1602.5	1674.5	1744.3	1808.4	1860.0	1905.2	1943.1
-47.5°	1151.3	1228.1	1303.0	1374.2	1442.7	1506.9	1563.5	1615.0	1665.3	1706.3	1738.7
-50°	1030.3	1097.7	1164.8	1227.0	1289.0	1346.8	1399.0	1444.2	1484.5	1519.4	1546.9
-52.5°	914.7	973.6	1031.4	1087.3	1141.3	1191.4	1237.0	1275.9	1310.6	1340.2	1363.9
-55°	808.9	857.5	902.0	951.1	998.6	1041.8	1079.9	1113.3	1142.3	1166.5	1187.0
-57.5°	712.8	751.5	789.9	828.9	865.8	900.2	932.4	960.9	984.9	1004.6	1021.2
-60°	623.7	653.7	686.5	717.9	746.8	773.2	799.4	822.1	841.5	857.6	870.5
-62.5°	541.0	567.3	591.8	615.6	638.8	661.8	679.4	695.4	709.6	721.9	731.6
-65°	461.2	482.7	501.8	519.4	535.4	552.3	566.1	577.7	587.1	594.8	601.0
-67.5°	385.4	402.3	416.9	429.5	441.9	453.6	463.1	470.9	476.9	482.1	486.0
-70°	318.2	330.7	341.3	351.4	361.6	369.9	376.1	380.6	383.5	385.3	386.7
-72.5°	258.5	270.1	279.7	288.6	296.2	301.7	305.6	308.6	310.6	308.6	305.0
-75°	203.4	214.7	225.5	234.7	242.4	245.9	247.6	248.8	249.5	242.8	234.1
-77.5°	155.9	167.4	177.4	186.6	195.0	196.6	196.4	196.0	195.3	186.0	174.7
-80°	109.6	118.7	127.3	135.8	144.2	145.2	144.2	142.5	140.0	130.9	120.6
-82.5°	67.1	72.5	77.6	82.7	87.8	89.1	89.4	89.2	88.5	81.6	73.9
-85°	31.1	33.3	35.3	37.3	39.1	40.9	42.6	44.2	45.6	41.6	37.3
-87.5°	6.1	6.2	6.4	6.6	6.7	6.8	7.0	7.1	7.1	6.8	6.4
-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: P626891 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.0	5.6	5.6	5.6	5.6	5.6	6.0	6.4	6.8	7.1	7.1
85°	32.6	27.8	26.0	24.2	26.0	27.8	32.6	37.3	41.6	45.6	44.2
82.5°	65.9	57.5	54.8	52.1	54.8	57.5	65.9	73.9	81.6	88.5	89.2
80°	109.7	98.3	93.9	89.3	93.9	98.3	109.7	120.6	130.9	140.0	142.5
77.5°	162.8	150.3	145.0	139.5	145.0	150.3	162.8	174.7	186.0	195.3	196.0
75°	224.9	215.1	209.2	202.8	209.2	215.1	224.9	234.1	242.8	249.5	248.8
72.5°	300.9	296.1	291.8	286.5	291.8	296.1	300.9	305.0	308.6	310.6	308.6
70°	387.1	386.5	387.3	387.0	387.3	386.5	387.1	386.7	385.3	383.5	380.6
67.5°	488.0	488.2	490.3	491.2	490.3	488.2	488.0	486.0	482.1	476.9	470.9
65°	604.9	606.3	605.8	602.8	605.8	606.3	604.9	601.0	594.8	587.1	577.7
62.5°	738.6	742.6	744.8	744.2	744.8	742.6	738.6	731.6	721.9	709.6	695.4
60°	880.2	886.5	889.7	889.4	889.7	886.5	880.2	870.5	857.6	841.5	822.1
57.5°	1033.5	1041.6	1043.5	1040.1	1043.5	1041.6	1033.5	1021.2	1004.6	984.9	960.9
55°	1202.5	1212.9	1216.9	1215.0	1216.9	1212.9	1202.5	1187.0	1166.5	1142.3	1113.3
52.5°	1381.3	1392.5	1396.5	1393.6	1396.5	1392.5	1381.3	1363.9	1340.2	1310.6	1275.9
50°	1567.0	1580.5	1586.0	1583.4	1586.0	1580.5	1567.0	1546.9	1519.4	1484.5	1444.2
47.5°	1764.1	1782.1	1789.1	1784.3	1789.1	1782.1	1764.1	1738.7	1706.3	1665.3	1615.0
45°	1971.5	1990.1	1997.3	1992.7	1997.3	1990.1	1971.5	1943.1	1905.2	1860.0	1808.4
42.5°	2182.6	2206.8	2217.1	2208.6	2217.1	2206.8	2182.6	2149.6	2106.5	2055.2	1996.3
40°	2397.4	2423.7	2435.9	2430.0	2435.9	2423.7	2397.4	2359.4	2308.7	2247.7	2181.3
37.5°	2617.7	2643.9	2656.8	2657.0	2656.8	2643.9	2617.7	2577.0	2520.6	2451.1	2376.3
35°	2838.9	2870.6	2888.6	2887.7	2888.6	2870.6	2838.9	2794.2	2736.5	2666.1	2577.9
32.5°	3063.1	3097.5	3115.8	3118.4	3115.8	3097.5	3063.1	3010.7	2944.3	2867.0	2776.2
30°	3287.0	3324.8	3346.0	3354.7	3346.0	3324.8	3287.0	3228.8	3154.4	3069.8	2972.2
27.5°	3504.1	3550.6	3582.7	3585.4	3582.7	3550.6	3504.1	3444.6	3366.2	3274.2	3167.7
25°	3714.4	3761.7	3794.6	3801.2	3794.6	3761.7	3714.4	3655.2	3574.5	3473.6	3359.8
22.5°	3921.6	3971.1	4001.4	4013.4	4001.4	3971.1	3921.6	3855.3	3766.1	3660.6	3540.0
20°	4119.4	4173.0	4205.2	4218.0	4205.2	4173.0	4119.4	4046.5	3948.2	3835.9	3708.3
17.5°	4298.4	4355.0	4394.8	4405.9	4394.8	4355.0	4298.4	4221.3	4118.2	3998.9	3861.3
15°	4455.9	4509.6	4547.3	4562.2	4547.3	4509.6	4455.9	4380.3	4275.8	4146.7	3993.9
12.5°	4584.1	4632.2	4661.7	4675.7	4661.7	4632.2	4584.1	4511.9	4415.9	4270.9	4110.4
10°	4684.2	4732.5	4760.7	4779.9	4760.7	4732.5	4684.2	4617.1	4509.8	4380.1	4222.3
7.5°	4771.2	4820.6	4855.1	4882.3	4855.1	4820.6	4771.2	4680.5	4584.8	4462.6	4303.3
5°	4819.2	4901.6	4914.1	4932.5	4914.1	4901.6	4819.2	4737.0	4632.7	4508.4	4352.9
2.5°	4855.8	4914.3	4949.4	4945.5	4949.4	4914.3	4855.8	4759.1	4659.3	4545.3	4394.8
0°	4882.3	4934.4	4947.4	4964.1	4947.4	4934.4	4882.3	4785.5	4681.3	4567.8	4411.5
-2.5°	4855.8	4914.3	4949.4	4945.5	4949.4	4914.3	4855.8	4759.1	4659.3	4545.3	4394.8
-5°	4819.2	4901.6	4914.1	4932.5	4914.1	4901.6	4819.2	4737.0	4632.7	4508.4	4352.9
-7.5°	4771.2	4820.6	4855.1	4882.3	4855.1	4820.6	4771.2	4680.5	4584.8	4462.6	4303.3
-10°	4684.2	4732.5	4760.7	4779.9	4760.7	4732.5	4684.2	4617.1	4509.8	4380.1	4222.3
-12.5°	4584.1	4632.2	4661.7	4675.7	4661.7	4632.2	4584.1	4511.9	4415.9	4270.9	4110.4
-15°	4455.9	4509.6	4547.3	4562.2	4547.3	4509.6	4455.9	4380.3	4275.8	4146.7	3993.9
-17.5°	4298.4	4355.0	4394.8	4405.9	4394.8	4355.0	4298.4	4221.3	4118.2	3998.9	3861.3
-20°	4119.4	4173.0	4205.2	4218.0	4205.2	4173.0	4119.4	4046.5	3948.2	3835.9	3708.3



REPORT NUMBER: P626891 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3921.6	3971.1	4001.4	4013.4	4001.4	3971.1	3921.6	3855.3	3766.1	3660.6	3540.0
-25°	3714.4	3761.7	3794.6	3801.2	3794.6	3761.7	3714.4	3655.2	3574.5	3473.6	3359.8
-27.5°	3504.1	3550.6	3582.7	3585.4	3582.7	3550.6	3504.1	3444.6	3366.2	3274.2	3167.7
-30°	3287.0	3324.8	3346.0	3354.7	3346.0	3324.8	3287.0	3228.8	3154.4	3069.8	2972.2
-32.5°	3063.1	3097.5	3115.8	3118.4	3115.8	3097.5	3063.1	3010.7	2944.3	2867.0	2776.2
-35°	2838.9	2870.6	2888.6	2887.7	2888.6	2870.6	2838.9	2794.2	2736.5	2666.1	2577.9
-37.5°	2617.7	2643.9	2656.8	2657.0	2656.8	2643.9	2617.7	2577.0	2520.6	2451.1	2376.3
-40°	2397.4	2423.7	2435.9	2430.0	2435.9	2423.7	2397.4	2359.4	2308.7	2247.7	2181.3
-42.5°	2182.6	2206.8	2217.1	2208.6	2217.1	2206.8	2182.6	2149.6	2106.5	2055.2	1996.3
-45°	1971.5	1990.1	1997.3	1992.7	1997.3	1990.1	1971.5	1943.1	1905.2	1860.0	1808.4
-47.5°	1764.1	1782.1	1789.1	1784.3	1789.1	1782.1	1764.1	1738.7	1706.3	1665.3	1615.0
-50°	1567.0	1580.5	1586.0	1583.4	1586.0	1580.5	1567.0	1546.9	1519.4	1484.5	1444.2
-52.5°	1381.3	1392.5	1396.5	1393.6	1396.5	1392.5	1381.3	1363.9	1340.2	1310.6	1275.9
-55°	1202.5	1212.9	1216.9	1215.0	1216.9	1212.9	1202.5	1187.0	1166.5	1142.3	1113.3
-57.5°	1033.5	1041.6	1043.5	1040.1	1043.5	1041.6	1033.5	1021.2	1004.6	984.9	960.9
-60°	880.2	886.5	889.7	889.4	889.7	886.5	880.2	870.5	857.6	841.5	822.1
-62.5°	738.6	742.6	744.8	744.2	744.8	742.6	738.6	731.6	721.9	709.6	695.4
-65°	604.9	606.3	605.8	602.8	605.8	606.3	604.9	601.0	594.8	587.1	577.7
-67.5°	488.0	488.2	490.3	491.2	490.3	488.2	488.0	486.0	482.1	476.9	470.9
-70°	387.1	386.5	387.3	387.0	387.3	386.5	387.1	386.7	385.3	383.5	380.6
-72.5°	300.9	296.1	291.8	286.5	291.8	296.1	300.9	305.0	308.6	310.6	308.6
-75°	224.9	215.1	209.2	202.8	209.2	215.1	224.9	234.1	242.8	249.5	248.8
-77.5°	162.8	150.3	145.0	139.5	145.0	150.3	162.8	174.7	186.0	195.3	196.0
-80°	109.7	98.3	93.9	89.3	93.9	98.3	109.7	120.6	130.9	140.0	142.5
-82.5°	65.9	57.5	54.8	52.1	54.8	57.5	65.9	73.9	81.6	88.5	89.2
-85°	32.6	27.8	26.0	24.2	26.0	27.8	32.6	37.3	41.6	45.6	44.2
-87.5°	6.0	5.6	5.6	5.6	5.6	5.6	6.0	6.4	6.8	7.1	7.1
-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: P626891 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-722-U-VWR-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°	7.0	6.8	6.7	6.6	6.4	6.2	6.1	5.9	5.7	5.5	5.2
85°	42.6	40.9	39.1	37.3	35.3	33.3	31.1	27.3	23.7	20.3	17.5
82.5°	89.4	89.1	87.8	82.7	77.6	72.5	67.1	59.1	51.2	43.6	36.8
80°	144.2	145.2	144.2	135.8	127.3	118.7	109.6	97.9	86.0	74.7	66.3
77.5°	196.4	196.6	195.0	186.6	177.4	167.4	155.9	141.8	127.6	113.4	102.5
75°	247.6	245.9	242.4	234.7	225.5	214.7	203.4	191.0	176.5	159.9	145.6
72.5°	305.6	301.7	296.2	288.6	279.7	270.1	258.5	244.8	229.6	213.0	197.9
70°	376.1	369.9	361.6	351.4	341.3	330.7	318.2	303.1	285.5	267.1	250.4
67.5°	463.1	453.6	441.9	429.5	416.9	402.3	385.4	367.1	348.9	328.5	305.5
65°	566.1	552.3	535.4	519.4	501.8	482.7	461.2	439.9	417.6	393.2	364.0
62.5°	679.4	661.8	638.8	615.6	591.8	567.3	541.0	514.7	488.1	459.3	426.5
60°	799.4	773.2	746.8	717.9	686.5	653.7	623.7	591.9	558.2	525.6	489.6
57.5°	932.4	900.2	865.8	828.9	789.9	751.5	712.8	672.7	634.6	594.9	554.1
55°	1079.9	1041.8	998.6	951.1	902.0	857.5	808.9	760.3	714.5	666.2	621.3
52.5°	1237.0	1191.4	1141.3	1087.3	1031.4	973.6	914.7	858.8	799.1	744.5	690.2
50°	1399.0	1346.8	1289.0	1227.0	1164.8	1097.7	1030.3	963.2	895.6	828.6	763.5
47.5°	1563.5	1506.9	1442.7	1374.2	1303.0	1228.1	1151.3	1070.6	995.8	918.1	844.2
45°	1744.3	1674.5	1602.5	1527.1	1445.7	1363.1	1277.0	1188.6	1098.5	1013.1	926.5
42.5°	1926.2	1847.7	1764.4	1681.5	1592.7	1500.2	1404.1	1306.7	1207.8	1109.3	1014.6
40°	2107.4	2022.5	1931.7	1836.8	1740.0	1638.0	1532.9	1424.6	1317.1	1208.8	1101.7
37.5°	2292.7	2200.9	2102.6	1998.2	1889.7	1776.8	1661.0	1543.8	1425.3	1308.7	1192.6
35°	2482.8	2382.4	2273.8	2159.7	2040.4	1916.8	1789.8	1661.4	1533.9	1407.9	1282.0
32.5°	2671.1	2562.3	2445.4	2320.4	2189.0	2054.5	1918.0	1779.4	1639.8	1505.2	1371.2
30°	2861.1	2740.6	2613.8	2478.9	2336.5	2189.9	2042.1	1895.2	1746.5	1598.4	1456.6
27.5°	3047.2	2915.7	2778.0	2632.1	2479.9	2322.7	2163.9	2007.1	1848.5	1691.0	1538.1
25°	3228.3	3086.4	2934.4	2778.6	2617.2	2449.7	2278.9	2113.1	1947.5	1779.0	1611.2
22.5°	3402.6	3247.2	3083.5	2916.8	2747.0	2571.0	2388.9	2210.1	2038.8	1857.8	1682.5
20°	3563.4	3396.5	3221.7	3046.1	2866.5	2686.4	2491.3	2301.2	2116.9	1931.0	1747.2
17.5°	3706.0	3536.5	3353.0	3168.0	2976.9	2787.2	2587.0	2384.0	2188.7	1996.1	1804.0
15°	3831.7	3662.3	3476.6	3281.4	3077.4	2870.2	2668.1	2457.2	2254.2	2053.6	1856.6
12.5°	3945.9	3768.6	3583.0	3376.7	3160.1	2943.9	2733.7	2521.4	2312.5	2106.3	1904.0
10°	4048.4	3855.6	3659.3	3450.2	3229.3	3006.1	2789.7	2575.4	2362.0	2151.3	1943.0
7.5°	4118.6	3920.2	3717.3	3508.9	3287.6	3061.0	2838.1	2618.7	2400.7	2187.2	1973.4
5°	4170.4	3971.1	3767.6	3556.3	3333.0	3101.9	2873.7	2650.1	2428.2	2213.5	1995.1
2.5°	4210.3	4005.9	3801.9	3585.9	3362.3	3129.6	2899.3	2673.7	2450.0	2232.7	2014.3
0°	4238.5	4018.9	3821.7	3609.6	3380.7	3146.3	2915.6	2688.6	2463.5	2242.0	2024.4
-2.5°	4210.3	4005.9	3801.9	3585.9	3362.3	3129.6	2899.3	2673.7	2450.0	2232.7	2014.3
-5°	4170.4	3971.1	3767.6	3556.3	3333.0	3101.9	2873.7	2650.1	2428.2	2213.5	1995.1
-7.5°	4118.6	3920.2	3717.3	3508.9	3287.6	3061.0	2838.1	2618.7	2400.7	2187.2	1973.4
-10°	4048.4	3855.6	3659.3	3450.2	3229.3	3006.1	2789.7	2575.4	2362.0	2151.3	1943.0
-12.5°	3945.9	3768.6	3583.0	3376.7	3160.1	2943.9	2733.7	2521.4	2312.5	2106.3	1904.0
-15°	3831.7	3662.3	3476.6	3281.4	3077.4	2870.2	2668.1	2457.2	2254.2	2053.6	1856.6
-17.5°	3706.0	3536.5	3353.0	3168.0	2976.9	2787.2	2587.0	2384.0	2188.7	1996.1	1804.0
-20°	3563.4	3396.5	3221.7	3046.1	2866.5	2686.4	2491.3	2301.2	2116.9	1931.0	1747.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626891 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3402.6	3247.2	3083.5	2916.8	2747.0	2571.0	2388.9	2210.1	2038.8	1857.8	1682.5
-25°	3228.3	3086.4	2934.4	2778.6	2617.2	2449.7	2278.9	2113.1	1947.5	1779.0	1611.2
-27.5°	3047.2	2915.7	2778.0	2632.1	2479.9	2322.7	2163.9	2007.1	1848.5	1691.0	1538.1
-30°	2861.1	2740.6	2613.8	2478.9	2336.5	2189.9	2042.1	1895.2	1746.5	1598.4	1456.6
-32.5°	2671.1	2562.3	2445.4	2320.4	2189.0	2054.5	1918.0	1779.4	1639.8	1505.2	1371.2
-35°	2482.8	2382.4	2273.8	2159.7	2040.4	1916.8	1789.8	1661.4	1533.9	1407.9	1282.0
-37.5°	2292.7	2200.9	2102.6	1998.2	1889.7	1776.8	1661.0	1543.8	1425.3	1308.7	1192.6
-40°	2107.4	2022.5	1931.7	1836.8	1740.0	1638.0	1532.9	1424.6	1317.1	1208.8	1101.7
-42.5°	1926.2	1847.7	1764.4	1681.5	1592.7	1500.2	1404.1	1306.7	1207.8	1109.3	1014.6
-45°	1744.3	1674.5	1602.5	1527.1	1445.7	1363.1	1277.0	1188.6	1098.5	1013.1	926.5
-47.5°	1563.5	1506.9	1442.7	1374.2	1303.0	1228.1	1151.3	1070.6	995.8	918.1	844.2
-50°	1399.0	1346.8	1289.0	1227.0	1164.8	1097.7	1030.3	963.2	895.6	828.6	763.5
-52.5°	1237.0	1191.4	1141.3	1087.3	1031.4	973.6	914.7	858.8	799.1	744.5	690.2
-55°	1079.9	1041.8	998.6	951.1	902.0	857.5	808.9	760.3	714.5	666.2	621.3
-57.5°	932.4	900.2	865.8	828.9	789.9	751.5	712.8	672.7	634.6	594.9	554.1
-60°	799.4	773.2	746.8	717.9	686.5	653.7	623.7	591.9	558.2	525.6	489.6
-62.5°	679.4	661.8	638.8	615.6	591.8	567.3	541.0	514.7	488.1	459.3	426.5
-65°	566.1	552.3	535.4	519.4	501.8	482.7	461.2	439.9	417.6	393.2	364.0
-67.5°	463.1	453.6	441.9	429.5	416.9	402.3	385.4	367.1	348.9	328.5	305.5
-70°	376.1	369.9	361.6	351.4	341.3	330.7	318.2	303.1	285.5	267.1	250.4
-72.5°	305.6	301.7	296.2	288.6	279.7	270.1	258.5	244.8	229.6	213.0	197.9
-75°	247.6	245.9	242.4	234.7	225.5	214.7	203.4	191.0	176.5	159.9	145.6
-77.5°	196.4	196.6	195.0	186.6	177.4	167.4	155.9	141.8	127.6	113.4	102.5
-80°	144.2	145.2	144.2	135.8	127.3	118.7	109.6	97.9	86.0	74.7	66.3
-82.5°	89.4	89.1	87.8	82.7	77.6	72.5	67.1	59.1	51.2	43.6	36.8
-85°	42.6	40.9	39.1	37.3	35.3	33.3	31.1	27.3	23.7	20.3	17.5
-87.5°	7.0	6.8	6.7	6.6	6.4	6.2	6.1	5.9	5.7	5.5	5.2
-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: P626891 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-722-U-VWR-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°	5.3	5.4	5.4	5.3	4.7	4.2	3.6	3.1	2.8	2.5	2.2
85°	17.6	17.1	16.2	14.7	11.6	8.3	7.2	6.2	5.7	5.1	4.4
82.5°	36.7	37.1	37.1	36.0	31.7	27.3	22.6	17.8	13.2	8.3	6.7
80°	66.4	65.6	64.1	61.0	54.1	46.2	40.3	34.2	28.2	21.9	15.4
77.5°	100.3	97.5	94.0	90.0	82.6	73.9	63.9	52.6	43.1	35.4	27.4
75°	138.2	133.7	128.8	122.2	112.7	101.8	90.9	77.7	63.1	49.3	39.3
72.5°	185.8	174.8	164.9	155.6	145.4	133.3	119.3	102.3	84.6	67.8	52.1
70°	234.0	217.5	202.7	190.0	177.7	165.0	149.7	128.8	105.7	85.9	67.4
67.5°	283.0	263.4	243.6	224.7	209.1	194.1	179.4	155.1	128.6	103.7	82.4
65°	337.0	310.9	285.8	262.4	241.2	222.5	205.1	179.7	150.9	122.8	97.0
62.5°	392.7	359.3	329.6	299.8	273.4	250.6	229.7	201.7	172.1	141.3	112.2
60°	451.2	413.2	373.6	338.8	306.5	277.8	252.5	223.4	192.0	159.1	127.3
57.5°	512.8	468.2	423.7	379.7	340.8	306.4	274.6	243.9	211.5	176.7	141.4
55°	575.3	527.2	474.6	424.9	377.2	336.3	298.0	263.7	230.4	193.9	153.6
52.5°	637.8	584.9	528.5	471.1	417.7	366.5	323.7	283.0	247.7	210.8	166.2
50°	703.1	642.6	582.1	520.1	458.1	401.8	348.5	305.0	264.6	226.8	178.2
47.5°	771.1	703.7	636.4	568.7	502.1	435.7	377.5	326.6	280.9	241.3	189.3
45°	845.7	766.8	692.4	619.1	543.8	472.3	406.8	347.3	299.4	252.6	199.6
42.5°	920.2	833.4	750.3	668.8	587.5	508.7	434.6	371.6	317.1	263.4	209.1
40°	999.5	900.3	808.1	719.7	630.2	543.2	465.4	395.3	333.6	274.6	218.0
37.5°	1076.6	968.9	867.5	768.3	672.0	580.6	495.1	417.6	349.3	287.2	226.5
35°	1158.2	1037.8	922.4	817.3	715.0	616.0	522.8	440.0	367.4	299.5	234.6
32.5°	1237.0	1105.1	981.5	865.5	756.1	649.4	551.3	463.7	384.8	311.4	242.0
30°	1314.4	1172.7	1038.0	911.2	795.8	684.4	579.9	485.9	401.4	322.9	249.5
27.5°	1385.8	1235.3	1092.2	958.4	834.9	717.6	607.0	506.5	417.2	334.7	258.2
25°	1452.4	1295.6	1145.6	1003.8	871.2	749.0	631.8	525.6	433.2	347.0	266.3
22.5°	1514.8	1351.5	1194.1	1045.6	904.8	777.9	656.1	545.8	448.4	358.4	273.7
20°	1571.5	1401.9	1237.4	1083.6	937.6	805.4	679.4	564.0	462.0	368.7	280.4
17.5°	1622.6	1447.9	1278.8	1119.0	968.0	829.9	700.2	580.0	473.9	377.9	286.2
15°	1670.0	1489.8	1315.3	1149.9	994.4	851.2	718.2	593.9	484.1	385.9	291.8
12.5°	1710.8	1525.6	1346.4	1176.2	1016.6	869.2	733.5	605.4	492.6	393.1	297.1
10°	1744.4	1555.3	1371.7	1197.7	1034.6	883.9	745.9	615.2	500.6	399.4	301.1
7.5°	1770.5	1578.5	1391.2	1214.3	1048.9	896.2	756.5	623.6	507.0	404.1	304.0
5°	1790.3	1596.7	1408.2	1228.2	1061.9	906.1	764.1	629.7	511.6	407.4	305.6
2.5°	1807.9	1610.3	1421.6	1237.2	1070.8	912.5	768.8	633.3	514.4	409.2	306.0
0°	1817.8	1616.9	1429.0	1241.0	1075.4	915.4	770.3	634.5	515.4	409.3	305.1
-2.5°	1807.9	1610.3	1421.6	1237.2	1070.8	912.5	768.8	633.3	514.4	409.2	306.0
-5°	1790.3	1596.7	1408.2	1228.2	1061.9	906.1	764.1	629.7	511.6	407.4	305.6
-7.5°	1770.5	1578.5	1391.2	1214.3	1048.9	896.2	756.5	623.6	507.0	404.1	304.0
-10°	1744.4	1555.3	1371.7	1197.7	1034.6	883.9	745.9	615.2	500.6	399.4	301.1
-12.5°	1710.8	1525.6	1346.4	1176.2	1016.6	869.2	733.5	605.4	492.6	393.1	297.1
-15°	1670.0	1489.8	1315.3	1149.9	994.4	851.2	718.2	593.9	484.1	385.9	291.8
-17.5°	1622.6	1447.9	1278.8	1119.0	968.0	829.9	700.2	580.0	473.9	377.9	286.2
-20°	1571.5	1401.9	1237.4	1083.6	937.6	805.4	679.4	564.0	462.0	368.7	280.4



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CATALOG NUMBER: GFLD-SA2C-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1514.8	1351.5	1194.1	1045.6	904.8	777.9	656.1	545.8	448.4	358.4	273.7
-25°	1452.4	1295.6	1145.6	1003.8	871.2	749.0	631.8	525.6	433.2	347.0	266.3
-27.5°	1385.8	1235.3	1092.2	958.4	834.9	717.6	607.0	506.5	417.2	334.7	258.2
-30°	1314.4	1172.7	1038.0	911.2	795.8	684.4	579.9	485.9	401.4	322.9	249.5
-32.5°	1237.0	1105.1	981.5	865.5	756.1	649.4	551.3	463.7	384.8	311.4	242.0
-35°	1158.2	1037.8	922.4	817.3	715.0	616.0	522.8	440.0	367.4	299.5	234.6
-37.5°	1076.6	968.9	867.5	768.3	672.0	580.6	495.1	417.6	349.3	287.2	226.5
-40°	999.5	900.3	808.1	719.7	630.2	543.2	465.4	395.3	333.6	274.6	218.0
-42.5°	920.2	833.4	750.3	668.8	587.5	508.7	434.6	371.6	317.1	263.4	209.1
-45°	845.7	766.8	692.4	619.1	543.8	472.3	406.8	347.3	299.4	252.6	199.6
-47.5°	771.1	703.7	636.4	568.7	502.1	435.7	377.5	326.6	280.9	241.3	189.3
-50°	703.1	642.6	582.1	520.1	458.1	401.8	348.5	305.0	264.6	226.8	178.2
-52.5°	637.8	584.9	528.5	471.1	417.7	366.5	323.7	283.0	247.7	210.8	166.2
-55°	575.3	527.2	474.6	424.9	377.2	336.3	298.0	263.7	230.4	193.9	153.6
-57.5°	512.8	468.2	423.7	379.7	340.8	306.4	274.6	243.9	211.5	176.7	141.4
-60°	451.2	413.2	373.6	338.8	306.5	277.8	252.5	223.4	192.0	159.1	127.3
-62.5°	392.7	359.3	329.6	299.8	273.4	250.6	229.7	201.7	172.1	141.3	112.2
-65°	337.0	310.9	285.8	262.4	241.2	222.5	205.1	179.7	150.9	122.8	97.0
-67.5°	283.0	263.4	243.6	224.7	209.1	194.1	179.4	155.1	128.6	103.7	82.4
-70°	234.0	217.5	202.7	190.0	177.7	165.0	149.7	128.8	105.7	85.9	67.4
-72.5°	185.8	174.8	164.9	155.6	145.4	133.3	119.3	102.3	84.6	67.8	52.1
-75°	138.2	133.7	128.8	122.2	112.7	101.8	90.9	77.7	63.1	49.3	39.3
-77.5°	100.3	97.5	94.0	90.0	82.6	73.9	63.9	52.6	43.1	35.4	27.4
-80°	66.4	65.6	64.1	61.0	54.1	46.2	40.3	34.2	28.2	21.9	15.4
-82.5°	36.7	37.1	37.1	36.0	31.7	27.3	22.6	17.8	13.2	8.3	6.7
-85°	17.6	17.1	16.2	14.7	11.6	8.3	7.2	6.2	5.7	5.1	4.4
-87.5°	5.3	5.4	5.4	5.3	4.7	4.2	3.6	3.1	2.8	2.5	2.2
-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: P626891 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-722-U-VWR-XX

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°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
85°	3.8	3.2	2.6	1.9	1.3	0.6	0.0
82.5°	5.7	4.8	3.8	2.9	1.9	0.8	0.0
80°	8.6	6.4	5.1	3.8	2.6	1.1	0.0
77.5°	18.9	10.0	6.4	4.8	3.2	1.4	0.0
75°	28.9	17.4	8.3	5.7	3.8	1.7	0.0
72.5°	38.5	24.5	13.3	6.7	4.4	1.9	0.0
70°	48.2	31.4	18.1	8.0	5.0	2.2	0.0
67.5°	59.8	38.0	22.7	11.0	5.6	2.5	0.0
65°	70.9	45.4	27.1	13.8	6.1	2.7	0.0
62.5°	81.4	53.5	31.3	16.5	6.6	3.0	0.0
60°	91.3	61.1	35.2	19.1	7.2	3.2	0.0
57.5°	101.8	68.3	40.5	21.5	8.6	3.4	0.0
55°	111.7	74.9	45.4	23.8	10.0	3.6	0.0
52.5°	120.8	81.3	50.1	25.9	11.4	3.8	0.0
50°	129.2	88.0	54.3	27.8	12.7	4.0	0.0
47.5°	137.1	94.2	58.2	29.8	13.9	4.2	0.0
45°	145.8	99.7	61.7	32.4	15.1	4.4	0.0
42.5°	153.8	104.6	64.8	34.7	16.2	4.6	0.0
40°	161.1	108.9	67.9	37.1	17.3	4.7	0.0
37.5°	167.6	112.6	71.0	39.5	18.3	4.9	0.0
35°	173.4	116.9	73.7	41.7	19.2	5.0	0.0
32.5°	178.7	121.1	75.9	43.7	20.0	5.1	0.0
30°	184.2	124.7	77.7	45.6	20.8	5.2	0.0
27.5°	189.2	127.8	80.3	47.3	21.5	5.3	0.0
25°	193.5	130.1	82.8	48.8	22.1	5.4	0.0
22.5°	197.3	132.5	85.0	50.1	22.7	5.5	0.0
20°	200.4	135.8	86.9	51.2	23.1	5.6	0.0
17.5°	204.2	138.5	88.5	52.2	23.5	5.6	0.0
15°	208.2	140.6	89.8	53.0	23.9	5.6	0.0
12.5°	211.5	142.1	90.8	53.6	24.1	5.7	0.0
10°	214.0	143.1	91.5	54.1	24.3	5.7	0.0
7.5°	215.7	143.4	91.8	54.3	24.4	5.7	0.0
5°	216.6	143.3	91.9	54.4	24.4	5.7	0.0
2.5°	216.6	142.6	91.7	54.3	24.3	5.6	0.0
0°	215.8	141.4	91.2	54.0	24.2	5.6	0.0
-2.5°	216.6	142.6	91.7	54.3	24.3	5.6	0.0
-5°	216.6	143.3	91.9	54.4	24.4	5.7	0.0
-7.5°	215.7	143.4	91.8	54.3	24.4	5.7	0.0
-10°	214.0	143.1	91.5	54.1	24.3	5.7	0.0
-12.5°	211.5	142.1	90.8	53.6	24.1	5.7	0.0
-15°	208.2	140.6	89.8	53.0	23.9	5.6	0.0
-17.5°	204.2	138.5	88.5	52.2	23.5	5.6	0.0
-20°	200.4	135.8	86.9	51.2	23.1	5.6	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	197.3	132.5	85.0	50.1	22.7	5.5	0.0
-25°	193.5	130.1	82.8	48.8	22.1	5.4	0.0
-27.5°	189.2	127.8	80.3	47.3	21.5	5.3	0.0
-30°	184.2	124.7	77.7	45.6	20.8	5.2	0.0
-32.5°	178.7	121.1	75.9	43.7	20.0	5.1	0.0
-35°	173.4	116.9	73.7	41.7	19.2	5.0	0.0
-37.5°	167.6	112.6	71.0	39.5	18.3	4.9	0.0
-40°	161.1	108.9	67.9	37.1	17.3	4.7	0.0
-42.5°	153.8	104.6	64.8	34.7	16.2	4.6	0.0
-45°	145.8	99.7	61.7	32.4	15.1	4.4	0.0
-47.5°	137.1	94.2	58.2	29.8	13.9	4.2	0.0
-50°	129.2	88.0	54.3	27.8	12.7	4.0	0.0
-52.5°	120.8	81.3	50.1	25.9	11.4	3.8	0.0
-55°	111.7	74.9	45.4	23.8	10.0	3.6	0.0
-57.5°	101.8	68.3	40.5	21.5	8.6	3.4	0.0
-60°	91.3	61.1	35.2	19.1	7.2	3.2	0.0
-62.5°	81.4	53.5	31.3	16.5	6.6	3.0	0.0
-65°	70.9	45.4	27.1	13.8	6.1	2.7	0.0
-67.5°	59.8	38.0	22.7	11.0	5.6	2.5	0.0
-70°	48.2	31.4	18.1	8.0	5.0	2.2	0.0
-72.5°	38.5	24.5	13.3	6.7	4.4	1.9	0.0
-75°	28.9	17.4	8.3	5.7	3.8	1.7	0.0
-77.5°	18.9	10.0	6.4	4.8	3.2	1.4	0.0
-80°	8.6	6.4	5.1	3.8	2.6	1.1	0.0
-82.5°	5.7	4.8	3.8	2.9	1.9	0.8	0.0
-85°	3.8	3.2	2.6	1.9	1.3	0.6	0.0
-87.5°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)