

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P626842 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2B-727-U-WR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P626842 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2B-727-U-WR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6536.2 lumens
Efficiency: N/A
Efficacy: 102.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 7408.9 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 50.9°H x 47.1°V
Beam Lumens: 3146.9 lumens
Beam Efficiency: 48.1%

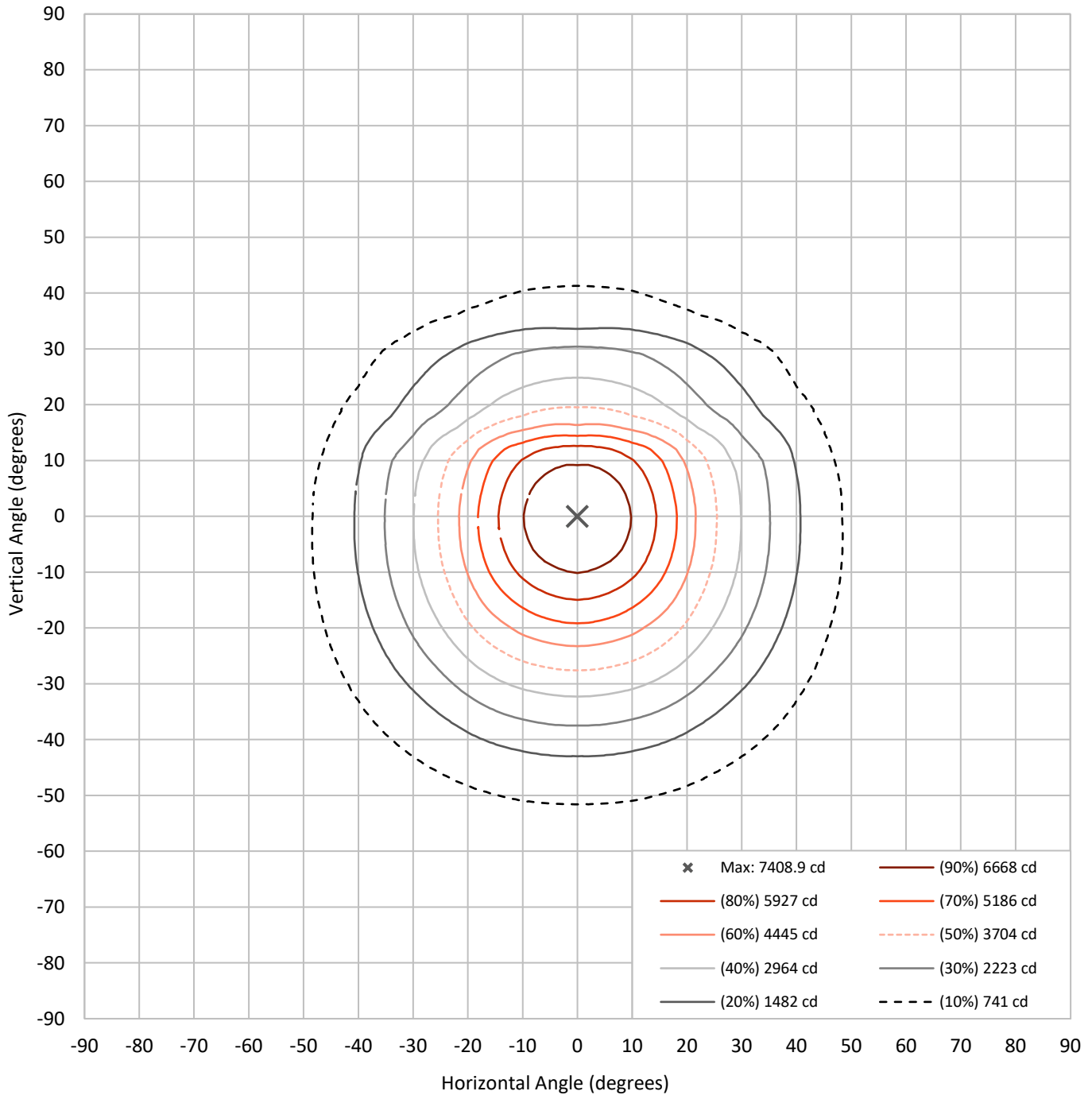
Field Angle (10%): 96.7°H x 92.9°V
Field Lumens: 5852.2 lumens
Field Efficiency: 89.5%

Input Watts (W): 63.6
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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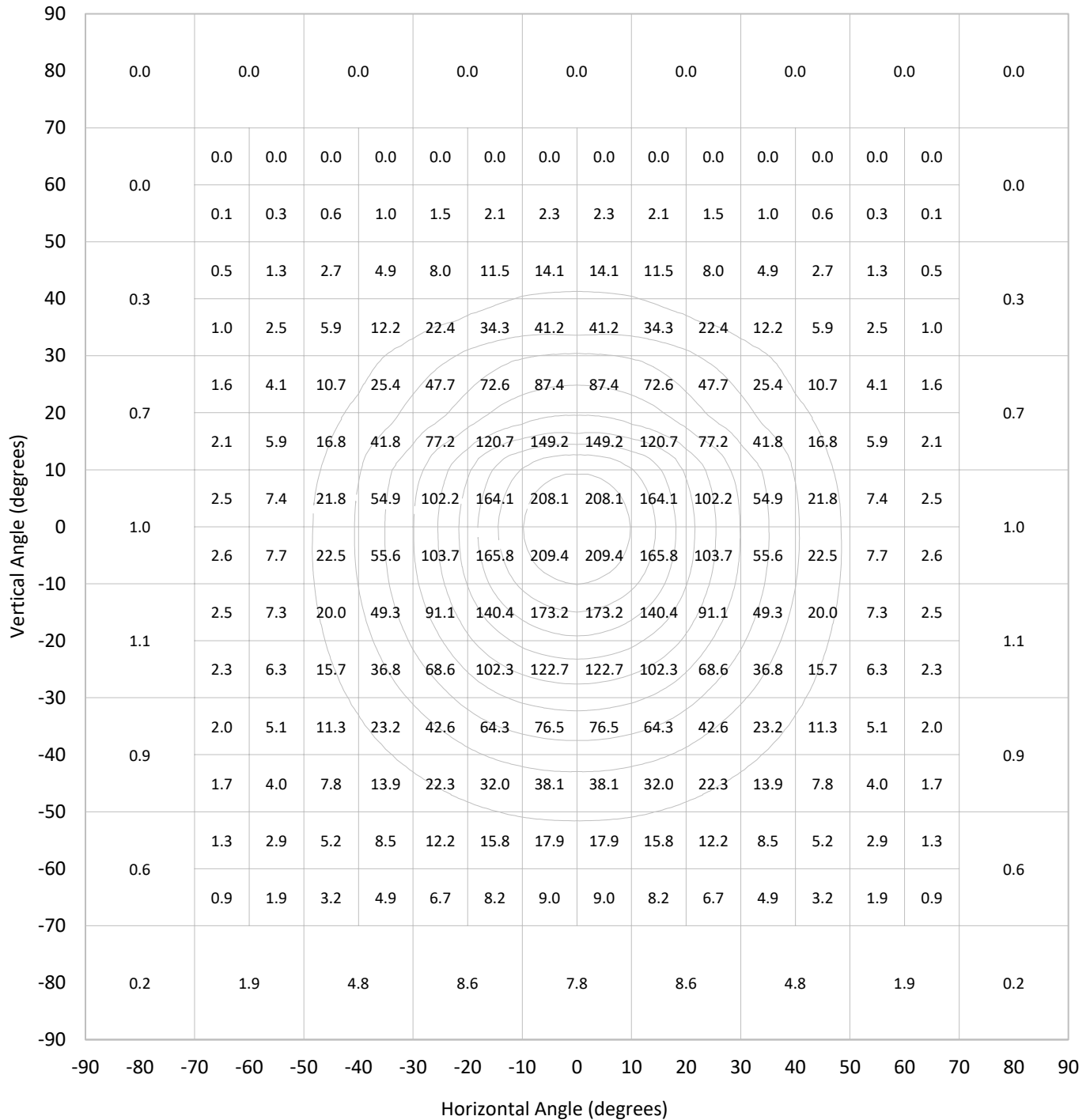
Iso-Candela Plot





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Lumen Table



Classified

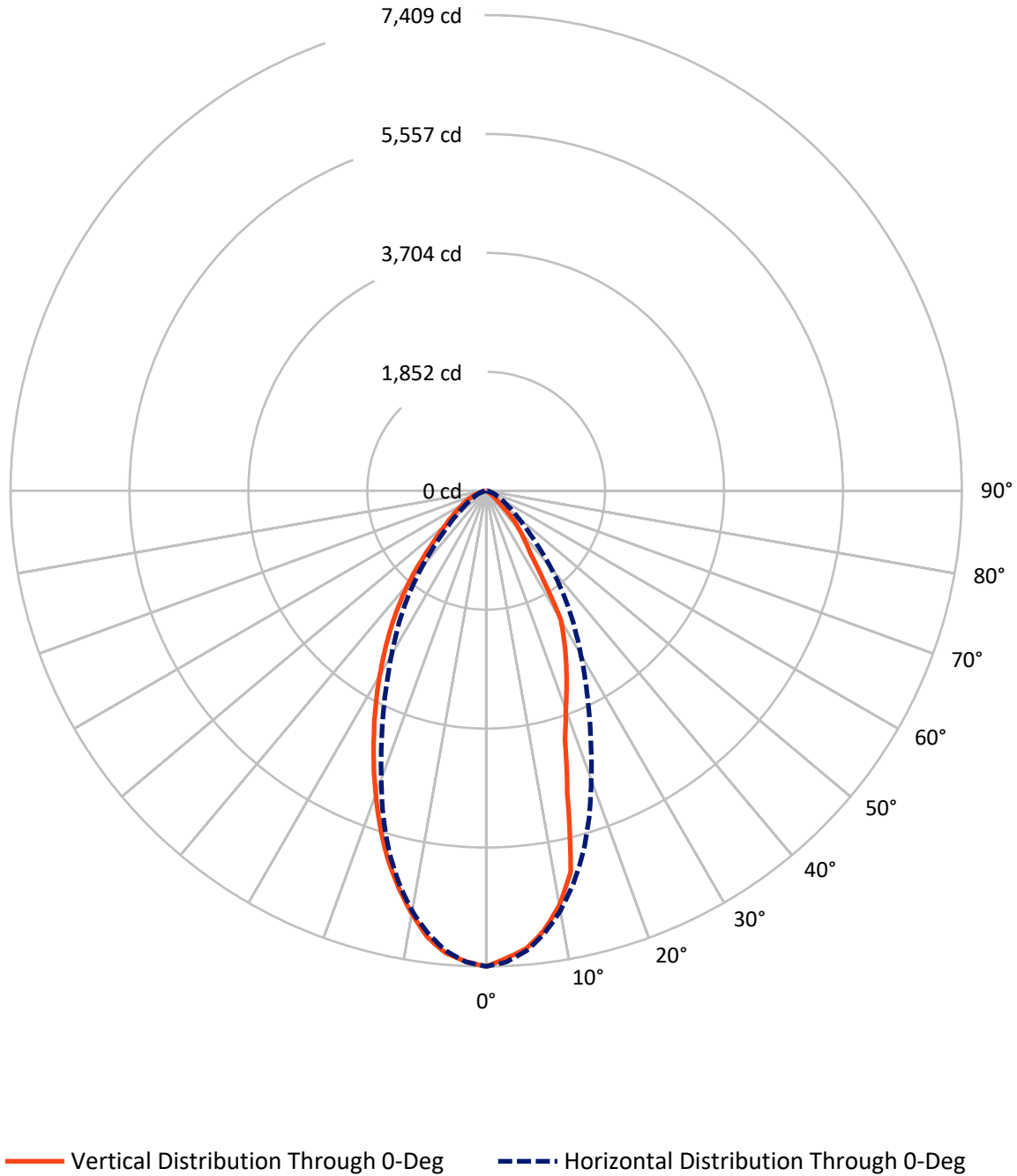
Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



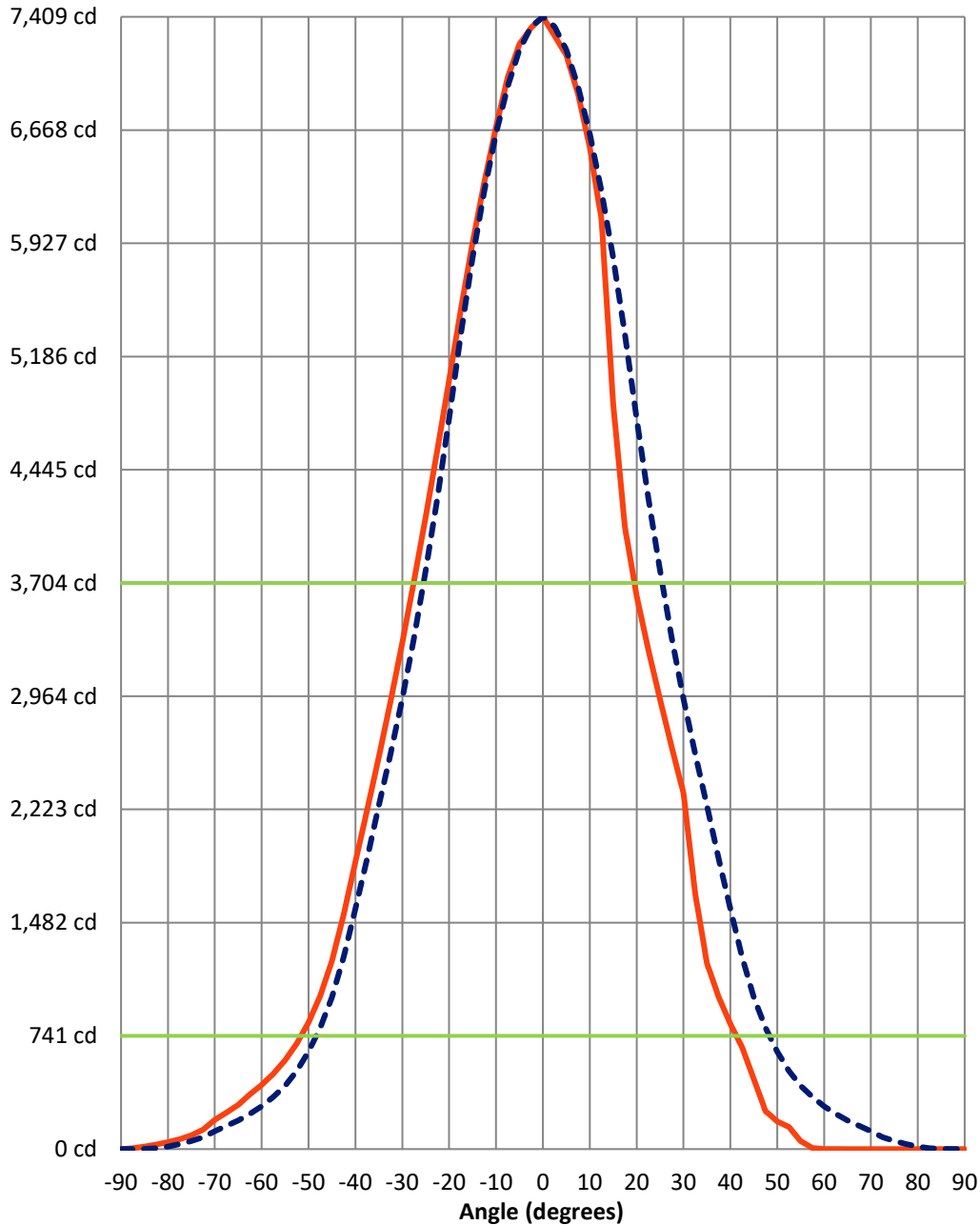
REPORT NUMBER: P626842 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2B-727-U-WR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 3146.9
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 5852.2
 Efficiency: 89.5%

Spill:
 Lumens: 684.1
 Efficiency: 10.5%

— 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	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
85°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
82.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.5
80°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.5	0.5	0.5
77.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5
75°	0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
72.5°	0.0	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
70°	0.0	0.2	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
67.5°	0.0	0.2	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.7	0.6
65°	0.0	0.2	0.4	0.5	0.5	0.6	0.6	0.5	0.7	0.9	1.0
62.5°	0.0	0.2	0.5	0.5	0.5	0.7	0.7	0.7	1.0	1.4	2.2
60°	0.0	0.2	0.5	0.5	0.5	0.8	0.8	1.0	1.3	3.5	3.8
57.5°	0.0	0.3	0.5	0.5	0.6	1.0	1.4	1.4	3.4	5.9	6.5
55°	0.0	0.3	0.5	0.5	0.8	1.1	2.2	2.0	6.3	8.9	10.1
52.5°	0.0	0.3	0.5	0.5	1.0	1.4	3.1	5.0	9.4	13.2	14.2
50°	0.0	0.3	0.5	0.5	1.2	2.4	4.0	8.2	13.2	18.0	21.7
47.5°	0.0	0.3	0.6	0.5	1.3	3.4	5.4	11.5	18.1	23.3	29.5
45°	0.0	0.4	0.6	0.7	1.5	4.4	8.3	14.8	23.1	30.1	37.2
42.5°	0.0	0.4	0.6	0.8	1.7	5.5	11.1	18.7	28.0	36.9	45.7
40°	0.0	0.4	0.6	1.0	2.3	6.7	13.9	23.0	33.2	43.5	54.6
37.5°	0.0	0.4	0.6	1.3	3.2	7.9	16.8	27.2	38.7	50.4	63.7
35°	0.0	0.4	0.7	1.5	4.1	9.8	19.5	31.4	44.3	58.5	73.5
32.5°	0.0	0.4	0.7	1.8	5.1	12.0	22.5	35.5	49.9	66.8	84.6
30°	0.0	0.4	0.7	2.1	6.0	14.1	25.8	39.7	55.5	75.3	95.8
27.5°	0.0	0.4	0.7	2.4	7.1	16.2	29.0	44.2	61.6	84.0	107.0
25°	0.0	0.5	0.8	2.7	8.1	18.2	32.1	48.7	68.6	93.2	118.2
22.5°	0.0	0.5	0.8	3.0	9.2	20.2	35.1	53.0	75.6	102.5	129.6
20°	0.0	0.5	0.8	3.3	10.2	22.1	37.9	57.2	82.5	111.7	140.5
17.5°	0.0	0.5	0.9	3.7	11.1	23.9	40.5	61.2	89.2	120.5	150.8
15°	0.0	0.5	0.9	4.0	12.1	25.6	42.9	64.8	95.6	129.1	160.5
12.5°	0.0	0.5	0.9	4.3	12.9	27.1	45.1	67.8	101.0	137.3	169.5
10°	0.0	0.5	1.0	4.7	13.8	28.5	47.1	70.4	105.3	142.1	176.7
7.5°	0.0	0.5	1.0	5.0	14.5	29.8	48.9	72.8	109.1	145.7	180.4
5°	0.0	0.5	1.0	5.3	15.2	31.0	50.5	74.8	112.3	148.7	183.4
2.5°	0.0	0.5	1.1	5.5	15.8	32.0	51.8	76.5	114.9	150.9	185.7
0°	0.0	0.5	1.1	5.8	16.4	32.8	52.9	77.8	117.0	152.4	187.3
-2.5°	0.0	0.5	1.3	6.2	17.2	33.8	54.3	80.0	119.3	154.6	189.8
-5°	0.0	0.6	1.4	6.5	17.8	34.7	55.6	81.9	120.9	156.2	191.6
-7.5°	0.0	0.6	1.6	6.8	18.4	35.4	56.5	83.4	122.0	157.2	192.6
-10°	0.0	0.6	1.7	7.1	18.8	36.0	57.2	84.4	122.4	157.6	192.9
-12.5°	0.0	0.7	1.9	7.3	19.2	36.3	57.6	85.0	122.2	157.3	192.0
-15°	0.0	0.7	2.0	7.5	19.4	36.5	57.7	85.1	121.4	156.0	190.2
-17.5°	0.0	0.7	2.1	7.6	19.5	36.5	57.6	85.0	119.8	154.1	187.6
-20°	0.0	0.7	2.2	7.7	19.5	36.2	57.4	84.6	117.8	151.8	184.3

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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°	0.0	0.7	2.3	7.8	19.3	35.9	57.4	83.8	115.5	149.0	180.3
-25°	0.0	0.8	2.4	7.8	19.0	35.7	57.2	82.7	112.9	145.8	175.6
-27.5°	0.0	0.8	2.5	7.7	18.6	35.6	56.6	81.3	109.9	142.2	171.3
-30°	0.0	0.8	2.5	7.6	18.1	35.2	55.8	79.5	107.3	138.0	166.6
-32.5°	0.0	0.8	2.5	7.5	17.8	34.6	54.6	78.0	104.8	133.7	161.6
-35°	0.0	0.8	2.6	7.3	17.4	33.7	53.6	76.3	101.9	129.3	156.3
-37.5°	0.0	0.8	2.6	7.0	16.9	32.8	52.4	74.4	98.7	124.7	150.1
-40°	0.0	0.8	2.6	6.7	16.2	32.0	50.8	72.1	95.1	120.4	143.4
-42.5°	0.0	0.8	2.5	6.4	15.8	31.0	49.1	69.4	91.8	114.9	136.3
-45°	0.0	0.8	2.5	6.1	15.5	29.8	47.0	66.7	88.4	109.0	128.9
-47.5°	0.0	0.7	2.4	5.8	15.0	28.4	44.6	63.9	84.6	102.8	122.1
-50°	0.0	0.7	2.4	5.7	14.4	26.8	42.5	60.7	79.6	97.2	115.1
-52.5°	0.0	0.7	2.3	5.6	13.6	25.0	40.3	57.3	74.7	91.4	108.0
-55°	0.0	0.7	2.2	5.5	12.7	23.5	37.8	53.6	69.6	85.3	101.2
-57.5°	0.0	0.6	2.0	5.2	11.6	21.9	35.1	50.2	64.2	79.1	94.3
-60°	0.0	0.6	1.9	4.9	10.4	20.1	32.2	46.2	58.7	72.8	87.1
-62.5°	0.0	0.6	1.8	4.6	9.7	18.1	29.4	41.8	53.3	66.1	79.6
-65°	0.0	0.5	1.6	4.2	8.8	15.9	26.3	37.1	47.5	59.2	71.9
-67.5°	0.0	0.5	1.5	3.7	7.9	13.9	22.9	32.4	41.4	51.8	63.4
-70°	0.0	0.4	1.4	3.2	6.9	12.2	19.3	27.6	35.6	44.1	54.2
-72.5°	0.0	0.4	1.2	2.8	5.8	10.4	16.4	22.6	29.6	37.1	44.9
-75°	0.0	0.3	1.1	2.5	4.6	8.4	13.5	18.4	23.5	29.9	36.7
-77.5°	0.0	0.3	0.9	2.1	3.8	6.3	10.4	14.5	18.7	23.1	28.2
-80°	0.0	0.2	0.7	1.7	3.1	4.8	7.2	10.5	13.9	17.5	21.3
-82.5°	0.0	0.2	0.5	1.3	2.3	3.7	5.3	7.0	9.0	11.8	14.7
-85°	0.0	0.1	0.4	0.9	1.6	2.5	3.6	4.7	6.0	7.4	8.9
-87.5°	0.0	0.1	0.2	0.4	0.8	1.2	1.8	2.4	3.0	3.7	4.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626842 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
85°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
82.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
80°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
77.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
72.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
70°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4
67.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.3
65°	0.5	0.5	0.7	0.8	0.5	0.5	0.5	0.5	0.5	0.5	0.5
62.5°	0.7	0.9	1.2	1.8	1.3	0.5	1.0	1.2	0.8	0.6	0.7
60°	2.3	1.6	4.0	5.6	3.7	1.9	2.4	4.8	4.0	1.1	2.8
57.5°	4.7	5.7	10.2	10.7	8.3	5.6	12.3	13.6	11.3	7.1	10.2
55°	9.7	13.7	17.3	17.1	17.2	21.6	25.4	24.9	22.0	30.3	38.2
52.5°	18.4	22.5	24.9	27.2	33.3	37.4	38.6	40.9	49.6	59.9	61.7
50°	27.1	31.3	34.5	42.5	48.8	52.0	55.1	63.0	76.0	83.1	84.2
47.5°	35.8	40.5	48.8	57.6	63.7	68.6	73.9	91.8	106.3	112.4	114.6
45°	44.9	53.0	63.4	72.4	79.5	86.2	103.2	127.7	137.9	147.2	170.7
42.5°	54.3	66.6	78.3	87.8	95.8	109.7	133.3	157.1	171.7	191.4	219.8
40°	66.4	80.1	93.7	103.3	113.3	134.4	163.7	188.8	204.3	230.7	263.1
37.5°	78.6	94.7	109.3	119.5	133.5	162.0	196.5	226.6	245.8	267.3	319.3
35°	90.7	109.6	124.6	138.2	155.6	194.8	237.3	270.8	294.5	331.3	397.2
32.5°	103.6	124.7	140.0	158.6	187.1	231.0	283.1	320.3	359.8	412.7	518.2
30°	117.3	138.8	156.5	178.8	217.0	268.2	328.7	375.4	429.0	515.0	628.7
27.5°	131.0	152.9	174.7	203.1	245.0	300.3	363.5	437.2	506.5	602.6	726.9
25°	144.2	167.3	192.5	226.9	272.2	330.1	399.1	484.1	574.4	684.4	830.3
22.5°	156.7	181.9	211.5	248.3	295.1	358.3	440.7	540.5	649.0	762.8	930.6
20°	169.1	198.3	232.1	273.4	316.2	384.4	481.3	602.2	738.2	894.2	1058.5
17.5°	181.2	214.4	253.5	299.3	351.2	421.0	522.9	666.9	832.4	1035.5	1237.8
15°	193.2	230.2	274.1	324.9	386.5	470.0	585.7	743.9	943.9	1187.1	1426.8
12.5°	204.7	245.5	293.9	349.9	420.8	516.0	644.9	815.6	1044.7	1335.2	1629.7
10°	215.8	260.2	312.7	374.1	453.6	558.9	697.2	877.5	1120.7	1420.1	1747.7
7.5°	221.5	270.1	328.7	397.1	484.6	598.3	742.7	929.9	1180.1	1488.4	1816.9
5°	225.5	274.7	334.8	406.2	501.6	625.0	777.6	972.7	1223.9	1539.8	1863.7
2.5°	228.6	278.0	339.2	411.4	508.3	633.9	789.0	987.6	1247.4	1566.6	1891.0
0°	230.7	280.0	341.9	414.4	511.7	638.2	794.3	993.9	1257.4	1572.8	1900.9
-2.5°	233.0	282.7	344.7	419.0	516.6	644.1	800.2	998.3	1264.9	1574.5	1906.3
-5°	234.3	284.2	345.8	421.2	518.2	645.2	799.7	994.1	1258.9	1562.1	1894.6
-7.5°	234.6	284.3	345.2	420.8	516.2	640.2	791.3	981.6	1238.4	1537.1	1866.0
-10°	234.1	283.1	342.9	417.0	510.4	629.8	776.2	960.2	1204.7	1495.9	1817.6
-12.5°	232.4	280.4	338.9	410.7	501.0	615.0	754.9	929.5	1157.8	1438.5	1749.5
-15°	229.6	276.5	333.0	402.1	488.1	596.0	727.6	889.8	1097.5	1365.5	1664.6
-17.5°	225.8	271.3	325.3	391.1	471.6	572.9	694.5	843.2	1032.4	1284.1	1570.3
-20°	221.0	264.8	315.7	377.8	452.6	548.6	663.8	801.9	971.6	1190.8	1459.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	215.2	257.0	305.6	365.0	435.7	523.3	629.4	755.2	903.3	1083.0	1337.4
-25°	209.1	249.6	295.8	350.7	416.4	494.7	590.1	704.7	838.8	1003.4	1213.7
-27.5°	203.2	241.0	284.4	334.3	394.9	465.1	553.2	657.6	777.2	917.1	1088.4
-30°	196.5	231.4	271.9	317.0	374.1	439.4	515.5	605.0	711.3	837.8	986.6
-32.5°	189.2	221.2	259.8	302.1	352.0	411.4	477.2	558.1	650.7	755.0	883.7
-35°	181.9	212.4	247.4	286.1	328.1	383.8	444.3	511.4	590.1	682.5	785.4
-37.5°	174.9	202.9	234.0	270.2	309.6	355.8	409.2	469.9	537.6	611.1	700.0
-40°	167.1	192.5	222.0	254.8	289.7	329.7	377.9	429.3	487.6	552.3	621.0
-42.5°	158.7	183.1	210.0	238.2	270.2	306.0	345.9	393.0	441.4	495.6	555.5
-45°	150.3	172.8	197.4	223.2	250.1	281.7	318.0	357.2	400.1	444.3	494.6
-47.5°	141.6	162.1	185.0	207.5	231.3	258.2	289.1	324.6	360.4	399.8	438.8
-50°	132.8	152.1	171.4	192.3	213.7	236.1	262.1	292.8	325.4	358.0	392.4
-52.5°	125.0	141.6	159.1	177.0	196.5	216.5	238.1	263.4	291.9	320.7	350.3
-55°	117.0	132.3	146.7	162.8	179.6	197.6	217.0	238.2	259.7	285.9	311.4
-57.5°	109.2	122.8	135.3	149.0	164.0	179.2	196.7	214.7	234.3	254.0	274.9
-60°	101.3	112.9	124.2	136.1	148.6	162.2	176.2	192.1	208.9	226.1	244.1
-62.5°	93.2	102.6	112.6	123.4	134.5	144.9	156.7	169.7	183.5	198.3	213.6
-65°	84.1	91.9	100.2	109.7	120.1	128.5	137.5	147.2	158.7	170.8	182.9
-67.5°	74.4	81.3	88.1	95.1	103.5	111.1	118.5	126.2	134.8	144.7	154.4
-70°	63.6	70.5	76.5	82.3	87.6	93.0	99.3	105.4	112.3	121.2	130.0
-72.5°	52.6	59.0	64.7	69.7	73.5	76.7	80.5	85.0	91.6	99.8	107.6
-75°	42.5	47.7	53.1	57.8	60.3	61.2	62.0	64.3	71.0	79.5	87.0
-77.5°	33.2	37.7	42.0	46.1	47.8	48.5	48.8	48.8	53.7	61.0	68.6
-80°	24.4	27.6	31.2	34.8	35.8	36.1	36.2	35.9	40.0	45.2	50.8
-82.5°	17.0	19.2	21.6	24.0	24.3	24.1	23.8	23.5	26.7	30.5	34.3
-85°	9.9	10.8	12.3	13.7	13.9	13.8	13.6	13.2	15.0	17.0	19.2
-87.5°	5.0	5.4	5.9	6.4	6.2	6.0	5.6	5.2	5.7	6.3	6.8
-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: P626842 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.5	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.5	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.5	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.5	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.5	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.5	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.2	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.5	0.5	0.4	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0
62.5°	0.7	0.6	0.4	0.4	0.5	0.5	0.4	0.4	0.3	0.4	0.4
60°	3.0	1.7	1.7	2.2	1.9	0.8	1.7	2.2	2.0	1.5	1.3
57.5°	15.2	12.7	8.9	14.9	15.3	10.7	11.6	15.1	14.7	11.3	11.3
55°	38.2	38.8	41.7	45.5	48.3	49.5	50.6	56.3	62.4	68.4	71.4
52.5°	63.2	70.6	79.8	85.9	90.1	98.8	111.1	116.7	122.1	128.3	132.8
50°	93.1	106.0	115.2	116.5	131.0	140.4	142.6	153.2	164.6	171.8	176.9
47.5°	138.5	154.8	162.8	167.9	185.6	204.9	205.0	211.0	239.7	254.7	261.9
45°	199.5	213.0	227.3	264.2	298.2	309.0	332.1	363.4	383.7	411.7	442.4
42.5°	251.4	276.9	312.5	353.2	387.3	415.7	450.0	487.6	532.7	575.2	611.8
40°	302.8	334.4	378.5	422.8	465.7	505.0	560.3	608.6	661.9	720.3	769.0
37.5°	369.9	410.3	455.9	511.7	578.5	622.1	698.2	767.6	827.6	898.2	941.6
35°	473.0	525.5	565.8	678.7	760.0	811.1	901.1	1015.2	1059.0	1147.9	1190.0
32.5°	602.5	672.3	778.6	928.0	1036.6	1130.5	1265.1	1380.9	1479.7	1568.9	1661.7
30°	748.0	855.7	1012.4	1211.1	1321.3	1452.9	1634.8	1772.2	1927.1	2097.0	2156.5
27.5°	880.0	1041.5	1223.4	1384.3	1542.6	1706.5	1885.3	2061.7	2229.3	2370.7	2465.6
25°	1002.4	1197.9	1374.8	1546.7	1718.2	1902.7	2105.0	2305.1	2489.5	2635.0	2745.7
22.5°	1128.7	1335.2	1524.4	1698.9	1898.3	2107.5	2322.6	2552.1	2762.0	2912.9	3033.5
20°	1247.4	1477.1	1692.9	1891.5	2080.1	2321.6	2569.2	2812.6	3041.2	3221.0	3360.0
17.5°	1435.8	1635.2	1898.9	2156.9	2369.4	2591.2	2922.1	3173.4	3427.0	3642.4	3789.7
15°	1667.2	1886.4	2158.7	2513.1	2804.2	3058.4	3400.2	3809.0	4108.2	4383.1	4571.8
12.5°	1898.8	2146.7	2441.3	2840.1	3254.5	3553.9	3968.6	4486.6	4835.1	5260.8	5470.7
10°	2076.2	2387.7	2691.0	3054.9	3452.9	3879.2	4326.3	4810.9	5276.5	5642.1	5968.8
7.5°	2147.7	2479.4	2830.6	3201.9	3599.8	4039.8	4516.3	5020.6	5499.8	5908.1	6267.1
5°	2201.1	2541.0	2894.5	3274.2	3699.6	4159.0	4642.6	5172.1	5661.4	6099.0	6466.4
2.5°	2235.1	2578.2	2930.1	3316.1	3763.6	4236.6	4735.8	5279.2	5776.0	6226.4	6592.6
0°	2248.1	2586.2	2946.6	3344.1	3787.0	4261.2	4781.9	5331.8	5832.4	6267.9	6644.7
-2.5°	2249.8	2578.7	2947.7	3343.2	3767.1	4245.6	4772.6	5317.9	5808.4	6242.2	6622.3
-5°	2232.2	2560.9	2930.2	3319.8	3744.2	4219.2	4723.6	5250.5	5718.2	6140.4	6506.4
-7.5°	2196.4	2524.2	2885.4	3266.0	3678.9	4139.6	4624.1	5114.0	5572.9	5977.8	6327.1
-10°	2143.3	2464.2	2812.8	3183.7	3574.4	4012.6	4474.6	4942.7	5373.0	5747.4	6070.4
-12.5°	2071.3	2384.9	2717.8	3071.8	3435.6	3853.3	4289.5	4729.1	5121.3	5463.1	5752.9
-15°	1977.9	2284.2	2606.5	2941.3	3294.0	3671.9	4063.3	4466.5	4828.2	5131.3	5396.1
-17.5°	1867.8	2164.9	2471.0	2781.3	3116.0	3470.5	3833.9	4195.8	4504.4	4773.6	5015.7
-20°	1745.2	2031.3	2322.1	2611.4	2915.1	3242.9	3578.5	3896.4	4166.0	4410.8	4632.3



REPORT NUMBER: P626842 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1607.6	1881.5	2160.2	2431.0	2704.8	3001.6	3301.4	3588.9	3841.1	4050.4	4242.9
-25°	1460.3	1713.4	1976.6	2230.5	2482.5	2748.5	3020.8	3285.2	3507.2	3689.0	3848.1
-27.5°	1311.9	1543.2	1775.1	2014.1	2247.1	2492.6	2739.0	2967.5	3166.7	3334.1	3467.8
-30°	1155.9	1362.7	1574.5	1790.7	2013.2	2237.8	2460.5	2660.5	2834.5	2981.7	3097.2
-32.5°	1026.3	1183.4	1370.4	1566.7	1775.2	1979.9	2173.6	2355.9	2519.8	2648.3	2746.3
-35°	902.1	1035.1	1175.1	1348.9	1528.0	1716.4	1894.6	2057.3	2203.4	2315.7	2407.9
-37.5°	795.3	900.5	1018.9	1143.0	1293.2	1448.9	1609.7	1762.7	1893.1	1991.0	2073.3
-40°	702.8	785.9	880.5	978.9	1089.4	1201.2	1341.3	1470.4	1576.8	1668.3	1742.9
-42.5°	619.3	689.3	759.2	839.9	923.3	1013.2	1111.5	1207.0	1288.6	1365.2	1428.6
-45°	547.1	603.1	658.8	721.1	782.3	855.5	925.7	988.4	1054.5	1111.8	1157.0
-47.5°	484.1	527.7	575.5	622.1	671.2	726.3	778.5	826.2	874.7	916.6	950.3
-50°	428.0	464.2	503.2	539.8	579.5	619.8	658.4	696.4	733.2	765.1	790.0
-52.5°	378.9	410.5	440.9	470.1	501.7	531.5	559.4	590.7	619.5	644.7	661.7
-55°	337.1	363.0	387.8	412.2	436.1	458.7	481.0	505.3	527.5	547.5	560.2
-57.5°	297.9	319.9	341.0	360.8	379.8	397.7	416.5	435.2	452.4	467.5	477.2
-60°	262.2	280.2	298.4	314.6	329.9	344.3	360.1	375.0	388.8	400.5	407.2
-62.5°	229.5	245.6	259.1	271.9	285.0	297.9	309.1	320.1	330.8	339.7	345.7
-65°	195.3	208.9	220.4	230.7	240.0	250.0	259.6	268.3	276.0	281.8	285.6
-67.5°	164.7	174.7	183.9	192.1	200.4	208.5	215.8	222.4	228.2	232.3	235.0
-70°	138.1	145.8	153.3	160.8	168.2	174.4	179.8	184.7	189.1	191.0	191.8
-72.5°	114.8	121.6	128.2	134.8	140.9	145.8	149.8	153.4	156.6	153.8	148.9
-75°	93.6	99.6	105.7	111.6	117.0	120.8	123.7	126.3	128.8	122.7	114.4
-77.5°	76.3	81.6	86.1	90.6	95.1	97.5	99.4	101.2	103.0	96.2	87.6
-80°	56.6	60.9	64.7	68.5	72.3	73.7	74.5	75.1	75.4	69.6	62.9
-82.5°	38.3	40.5	42.6	44.8	47.0	48.2	49.1	49.8	50.3	46.2	41.6
-85°	21.4	22.1	22.6	23.1	23.4	24.2	24.9	25.5	26.1	24.2	22.1
-87.5°	7.4	7.4	7.3	7.3	7.2	7.2	7.2	7.2	7.1	6.8	6.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626842 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
62.5°	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.4
60°	1.0	0.6	0.5	0.5	0.5	0.6	1.0	1.3	1.5	2.0	2.2
57.5°	10.5	9.2	8.2	7.4	8.2	9.2	10.5	11.3	11.3	14.7	15.1
55°	70.1	65.3	59.4	52.4	59.4	65.3	70.1	71.4	68.4	62.4	56.3
52.5°	137.5	142.0	144.7	144.5	144.7	142.0	137.5	132.8	128.3	122.1	116.7
50°	181.0	183.5	183.6	181.5	183.6	183.5	181.0	176.9	171.8	164.6	153.2
47.5°	265.2	261.7	255.7	249.3	255.7	261.7	265.2	261.9	254.7	239.7	211.0
45°	462.7	473.8	473.1	458.8	473.1	473.8	462.7	442.4	411.7	383.7	363.4
42.5°	632.3	649.0	660.8	666.8	660.8	649.0	632.3	611.8	575.2	532.7	487.6
40°	796.4	812.5	819.6	819.2	819.6	812.5	796.4	769.0	720.3	661.9	608.6
37.5°	969.8	990.7	1000.8	996.0	1000.8	990.7	969.8	941.6	898.2	827.6	767.6
35°	1208.3	1227.8	1228.1	1218.2	1228.1	1227.8	1208.3	1190.0	1147.9	1059.0	1015.2
32.5°	1735.3	1741.9	1691.7	1673.9	1691.7	1741.9	1735.3	1661.7	1568.9	1479.7	1380.9
30°	2215.7	2262.1	2305.2	2326.9	2305.2	2262.1	2215.7	2156.5	2097.0	1927.1	1772.2
27.5°	2537.2	2592.9	2627.4	2629.6	2627.4	2592.9	2537.2	2465.6	2370.7	2229.3	2061.7
25°	2829.5	2891.9	2929.5	2942.4	2929.5	2891.9	2829.5	2745.7	2635.0	2489.5	2305.1
22.5°	3135.8	3209.2	3257.9	3267.9	3257.9	3209.2	3135.8	3033.5	2912.9	2762.0	2552.1
20°	3491.1	3576.6	3623.3	3621.4	3623.3	3576.6	3491.1	3360.0	3221.0	3041.2	2812.6
17.5°	3958.9	4050.6	4090.9	4073.3	4090.9	4050.6	3958.9	3789.7	3642.4	3427.0	3173.4
15°	4765.3	4957.1	4956.3	4879.8	4956.3	4957.1	4765.3	4571.8	4383.1	4108.2	3809.0
12.5°	5760.0	5902.9	6049.6	6081.1	6049.6	5902.9	5760.0	5470.7	5260.8	4835.1	4486.6
10°	6244.0	6433.8	6559.1	6555.8	6559.1	6433.8	6244.0	5968.8	5642.1	5276.5	4810.9
7.5°	6546.9	6756.6	6908.3	6905.1	6908.3	6756.6	6546.9	6267.1	5908.1	5499.8	5020.6
5°	6780.5	7013.1	7147.6	7157.5	7147.6	7013.1	6780.5	6466.4	6099.0	5661.4	5172.1
2.5°	6902.0	7144.7	7306.3	7285.1	7306.3	7144.7	6902.0	6592.6	6226.4	5776.0	5279.2
0°	6952.7	7193.0	7343.8	7408.9	7343.8	7193.0	6952.7	6644.7	6267.9	5832.4	5331.8
-2.5°	6930.5	7164.3	7331.0	7337.5	7331.0	7164.3	6930.5	6622.3	6242.2	5808.4	5317.9
-5°	6811.8	7058.5	7170.2	7229.5	7170.2	7058.5	6811.8	6506.4	6140.4	5718.2	5250.5
-7.5°	6620.3	6805.2	6947.1	7012.5	6947.1	6805.2	6620.3	6327.1	5977.8	5572.9	5114.0
-10°	6322.3	6513.6	6633.5	6687.6	6633.5	6513.6	6322.3	6070.4	5747.4	5373.0	4942.7
-12.5°	5992.1	6166.0	6280.0	6325.6	6280.0	6166.0	5992.1	5752.9	5463.1	5121.3	4729.1
-15°	5623.7	5781.6	5886.5	5930.3	5886.5	5781.6	5623.7	5396.1	5131.3	4828.2	4466.5
-17.5°	5218.2	5356.6	5461.1	5492.6	5461.1	5356.6	5218.2	5015.7	4773.6	4504.4	4195.8
-20°	4801.2	4926.3	5012.4	5031.2	5012.4	4926.3	4801.2	4632.3	4410.8	4166.0	3896.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626842 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2B-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4381.1	4484.1	4554.0	4577.6	4554.0	4484.1	4381.1	4242.9	4050.4	3841.1	3588.9
-25°	3970.5	4059.4	4115.7	4136.8	4115.7	4059.4	3970.5	3848.1	3689.0	3507.2	3285.2
-27.5°	3575.6	3658.5	3710.2	3717.1	3710.2	3658.5	3575.6	3467.8	3334.1	3166.7	2967.5
-30°	3187.0	3255.6	3295.4	3312.3	3295.4	3255.6	3187.0	3097.2	2981.7	2834.5	2660.5
-32.5°	2823.9	2883.8	2919.6	2929.2	2919.6	2883.8	2823.9	2746.3	2648.3	2519.8	2355.9
-35°	2481.1	2536.4	2568.1	2565.6	2568.1	2536.4	2481.1	2407.9	2315.7	2203.4	2057.3
-37.5°	2141.4	2192.4	2221.1	2218.4	2221.1	2192.4	2141.4	2073.3	1991.0	1893.1	1762.7
-40°	1804.2	1848.2	1873.6	1879.7	1873.6	1848.2	1804.2	1742.9	1668.3	1576.8	1470.4
-42.5°	1481.3	1521.8	1542.1	1534.2	1542.1	1521.8	1481.3	1428.6	1365.2	1288.6	1207.0
-45°	1188.6	1209.6	1223.4	1232.0	1223.4	1209.6	1188.6	1157.0	1111.8	1054.5	988.4
-47.5°	974.9	992.3	1001.7	1003.4	1001.7	992.3	974.9	950.3	916.6	874.7	826.2
-50°	809.3	824.1	830.6	828.7	830.6	824.1	809.3	790.0	765.1	733.2	696.4
-52.5°	674.0	682.6	688.3	691.1	688.3	682.6	674.0	661.7	644.7	619.5	590.7
-55°	569.7	576.4	580.3	581.6	580.3	576.4	569.7	560.2	547.5	527.5	505.3
-57.5°	485.4	491.7	494.0	493.2	494.0	491.7	485.4	477.2	467.5	452.4	435.2
-60°	412.4	416.0	418.8	420.2	418.8	416.0	412.4	407.2	400.5	388.8	375.0
-62.5°	350.4	353.8	356.6	358.3	356.6	353.8	350.4	345.7	339.7	330.8	320.1
-65°	288.2	289.7	290.1	289.5	290.1	289.7	288.2	285.6	281.8	276.0	268.3
-67.5°	236.9	238.2	239.1	239.2	239.1	238.2	236.9	235.0	232.3	228.2	222.4
-70°	192.6	193.1	192.5	191.0	192.5	193.1	192.6	191.8	191.0	189.1	184.7
-72.5°	143.9	138.6	133.4	127.5	133.4	138.6	143.9	148.9	153.8	156.6	153.4
-75°	105.8	96.8	93.6	90.5	93.6	96.8	105.8	114.4	122.7	128.8	126.3
-77.5°	78.7	69.4	66.9	64.6	66.9	69.4	78.7	87.6	96.2	103.0	101.2
-80°	55.9	48.7	47.1	45.5	47.1	48.7	55.9	62.9	69.6	75.4	75.1
-82.5°	36.8	31.7	30.7	29.6	30.7	31.7	36.8	41.6	46.2	50.3	49.8
-85°	19.8	17.4	16.9	16.4	16.9	17.4	19.8	22.1	24.2	26.1	25.5
-87.5°	6.1	5.8	5.8	5.8	5.8	5.8	6.1	6.5	6.8	7.1	7.2
-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: P626842 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
85°	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5
82.5°	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5
80°	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5
77.5°	0.0	0.0	0.0	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5
75°	0.0	0.0	0.0	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5
72.5°	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5
70°	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.5
67.5°	0.0	0.0	0.1	0.2	0.3	0.3	0.2	0.3	0.4	0.5	0.5
65°	0.1	0.1	0.1	0.2	0.4	0.5	0.5	0.5	0.5	0.5	0.5
62.5°	0.4	0.5	0.5	0.4	0.4	0.6	0.7	0.7	0.6	0.8	1.2
60°	1.7	0.8	1.9	2.2	1.7	1.7	3.0	2.8	1.1	4.0	4.8
57.5°	11.6	10.7	15.3	14.9	8.9	12.7	15.2	10.2	7.1	11.3	13.6
55°	50.6	49.5	48.3	45.5	41.7	38.8	38.2	38.2	30.3	22.0	24.9
52.5°	111.1	98.8	90.1	85.9	79.8	70.6	63.2	61.7	59.9	49.6	40.9
50°	142.6	140.4	131.0	116.5	115.2	106.0	93.1	84.2	83.1	76.0	63.0
47.5°	205.0	204.9	185.6	167.9	162.8	154.8	138.5	114.6	112.4	106.3	91.8
45°	332.1	309.0	298.2	264.2	227.3	213.0	199.5	170.7	147.2	137.9	127.7
42.5°	450.0	415.7	387.3	353.2	312.5	276.9	251.4	219.8	191.4	171.7	157.1
40°	560.3	505.0	465.7	422.8	378.5	334.4	302.8	263.1	230.7	204.3	188.8
37.5°	698.2	622.1	578.5	511.7	455.9	410.3	369.9	319.3	267.3	245.8	226.6
35°	901.1	811.1	760.0	678.7	565.8	525.5	473.0	397.2	331.3	294.5	270.8
32.5°	1265.1	1130.5	1036.6	928.0	778.6	672.3	602.5	518.2	412.7	359.8	320.3
30°	1634.8	1452.9	1321.3	1211.1	1012.4	855.7	748.0	628.7	515.0	429.0	375.4
27.5°	1885.3	1706.5	1542.6	1384.3	1223.4	1041.5	880.0	726.9	602.6	506.5	437.2
25°	2105.0	1902.7	1718.2	1546.7	1374.8	1197.9	1002.4	830.3	684.4	574.4	484.1
22.5°	2322.6	2107.5	1898.3	1698.9	1524.4	1335.2	1128.7	930.6	762.8	649.0	540.5
20°	2569.2	2321.6	2080.1	1891.5	1692.9	1477.1	1247.4	1058.5	894.2	738.2	602.2
17.5°	2922.1	2591.2	2369.4	2156.9	1898.9	1635.2	1435.8	1237.8	1035.5	832.4	666.9
15°	3400.2	3058.4	2804.2	2513.1	2158.7	1886.4	1667.2	1426.8	1187.1	943.9	743.9
12.5°	3968.6	3553.9	3254.5	2840.1	2441.3	2146.7	1898.8	1629.7	1335.2	1044.7	815.6
10°	4326.3	3879.2	3452.9	3054.9	2691.0	2387.7	2076.2	1747.7	1420.1	1120.7	877.5
7.5°	4516.3	4039.8	3599.8	3201.9	2830.6	2479.4	2147.7	1816.9	1488.4	1180.1	929.9
5°	4642.6	4159.0	3699.6	3274.2	2894.5	2541.0	2201.1	1863.7	1539.8	1223.9	972.7
2.5°	4735.8	4236.6	3763.6	3316.1	2930.1	2578.2	2235.1	1891.0	1566.6	1247.4	987.6
0°	4781.9	4261.2	3787.0	3344.1	2946.6	2586.2	2248.1	1900.9	1572.8	1257.4	993.9
-2.5°	4772.6	4245.6	3767.1	3343.2	2947.7	2578.7	2249.8	1906.3	1574.5	1264.9	998.3
-5°	4723.6	4219.2	3744.2	3319.8	2930.2	2560.9	2232.2	1894.6	1562.1	1258.9	994.1
-7.5°	4624.1	4139.6	3678.9	3266.0	2885.4	2524.2	2196.4	1866.0	1537.1	1238.4	981.6
-10°	4474.6	4012.6	3574.4	3183.7	2812.8	2464.2	2143.3	1817.6	1495.9	1204.7	960.2
-12.5°	4289.5	3853.3	3435.6	3071.8	2717.8	2384.9	2071.3	1749.5	1438.5	1157.8	929.5
-15°	4063.3	3671.9	3294.0	2941.3	2606.5	2284.2	1977.9	1664.6	1365.5	1097.5	889.8
-17.5°	3833.9	3470.5	3116.0	2781.3	2471.0	2164.9	1867.8	1570.3	1284.1	1032.4	843.2
-20°	3578.5	3242.9	2915.1	2611.4	2322.1	2031.3	1745.2	1459.0	1190.8	971.6	801.9



REPORT NUMBER: P626842 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3301.4	3001.6	2704.8	2431.0	2160.2	1881.5	1607.6	1337.4	1083.0	903.3	755.2
-25°	3020.8	2748.5	2482.5	2230.5	1976.6	1713.4	1460.3	1213.7	1003.4	838.8	704.7
-27.5°	2739.0	2492.6	2247.1	2014.1	1775.1	1543.2	1311.9	1088.4	917.1	777.2	657.6
-30°	2460.5	2237.8	2013.2	1790.7	1574.5	1362.7	1155.9	986.6	837.8	711.3	605.0
-32.5°	2173.6	1979.9	1775.2	1566.7	1370.4	1183.4	1026.3	883.7	755.0	650.7	558.1
-35°	1894.6	1716.4	1528.0	1348.9	1175.1	1035.1	902.1	785.4	682.5	590.1	511.4
-37.5°	1609.7	1448.9	1293.2	1143.0	1018.9	900.5	795.3	700.0	611.1	537.6	469.9
-40°	1341.3	1201.2	1089.4	978.9	880.5	785.9	702.8	621.0	552.3	487.6	429.3
-42.5°	1111.5	1013.2	923.3	839.9	759.2	689.3	619.3	555.5	495.6	441.4	393.0
-45°	925.7	855.5	782.3	721.1	658.8	603.1	547.1	494.6	444.3	400.1	357.2
-47.5°	778.5	726.3	671.2	622.1	575.5	527.7	484.1	438.8	399.8	360.4	324.6
-50°	658.4	619.8	579.5	539.8	503.2	464.2	428.0	392.4	358.0	325.4	292.8
-52.5°	559.4	531.5	501.7	470.1	440.9	410.5	378.9	350.3	320.7	291.9	263.4
-55°	481.0	458.7	436.1	412.2	387.8	363.0	337.1	311.4	285.9	259.7	238.2
-57.5°	416.5	397.7	379.8	360.8	341.0	319.9	297.9	274.9	254.0	234.3	214.7
-60°	360.1	344.3	329.9	314.6	298.4	280.2	262.2	244.1	226.1	208.9	192.1
-62.5°	309.1	297.9	285.0	271.9	259.1	245.6	229.5	213.6	198.3	183.5	169.7
-65°	259.6	250.0	240.0	230.7	220.4	208.9	195.3	182.9	170.8	158.7	147.2
-67.5°	215.8	208.5	200.4	192.1	183.9	174.7	164.7	154.4	144.7	134.8	126.2
-70°	179.8	174.4	168.2	160.8	153.3	145.8	138.1	130.0	121.2	112.3	105.4
-72.5°	149.8	145.8	140.9	134.8	128.2	121.6	114.8	107.6	99.8	91.6	85.0
-75°	123.7	120.8	117.0	111.6	105.7	99.6	93.6	87.0	79.5	71.0	64.3
-77.5°	99.4	97.5	95.1	90.6	86.1	81.6	76.3	68.6	61.0	53.7	48.8
-80°	74.5	73.7	72.3	68.5	64.7	60.9	56.6	50.8	45.2	40.0	35.9
-82.5°	49.1	48.2	47.0	44.8	42.6	40.5	38.3	34.3	30.5	26.7	23.5
-85°	24.9	24.2	23.4	23.1	22.6	22.1	21.4	19.2	17.0	15.0	13.2
-87.5°	7.2	7.2	7.2	7.3	7.3	7.4	7.4	6.8	6.3	5.7	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: P626842 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3
82.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4
80°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
77.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
72.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
70°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
67.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.7	0.5	0.5
65°	0.5	0.5	0.5	0.8	0.7	0.5	0.5	1.0	0.9	0.7	0.5
62.5°	1.0	0.5	1.3	1.8	1.2	0.9	0.7	2.2	1.4	1.0	0.7
60°	2.4	1.9	3.7	5.6	4.0	1.6	2.3	3.8	3.5	1.3	1.0
57.5°	12.3	5.6	8.3	10.7	10.2	5.7	4.7	6.5	5.9	3.4	1.4
55°	25.4	21.6	17.2	17.1	17.3	13.7	9.7	10.1	8.9	6.3	2.0
52.5°	38.6	37.4	33.3	27.2	24.9	22.5	18.4	14.2	13.2	9.4	5.0
50°	55.1	52.0	48.8	42.5	34.5	31.3	27.1	21.7	18.0	13.2	8.2
47.5°	73.9	68.6	63.7	57.6	48.8	40.5	35.8	29.5	23.3	18.1	11.5
45°	103.2	86.2	79.5	72.4	63.4	53.0	44.9	37.2	30.1	23.1	14.8
42.5°	133.3	109.7	95.8	87.8	78.3	66.6	54.3	45.7	36.9	28.0	18.7
40°	163.7	134.4	113.3	103.3	93.7	80.1	66.4	54.6	43.5	33.2	23.0
37.5°	196.5	162.0	133.5	119.5	109.3	94.7	78.6	63.7	50.4	38.7	27.2
35°	237.3	194.8	155.6	138.2	124.6	109.6	90.7	73.5	58.5	44.3	31.4
32.5°	283.1	231.0	187.1	158.6	140.0	124.7	103.6	84.6	66.8	49.9	35.5
30°	328.7	268.2	217.0	178.8	156.5	138.8	117.3	95.8	75.3	55.5	39.7
27.5°	363.5	300.3	245.0	203.1	174.7	152.9	131.0	107.0	84.0	61.6	44.2
25°	399.1	330.1	272.2	226.9	192.5	167.3	144.2	118.2	93.2	68.6	48.7
22.5°	440.7	358.3	295.1	248.3	211.5	181.9	156.7	129.6	102.5	75.6	53.0
20°	481.3	384.4	316.2	273.4	232.1	198.3	169.1	140.5	111.7	82.5	57.2
17.5°	522.9	421.0	351.2	299.3	253.5	214.4	181.2	150.8	120.5	89.2	61.2
15°	585.7	470.0	386.5	324.9	274.1	230.2	193.2	160.5	129.1	95.6	64.8
12.5°	644.9	516.0	420.8	349.9	293.9	245.5	204.7	169.5	137.3	101.0	67.8
10°	697.2	558.9	453.6	374.1	312.7	260.2	215.8	176.7	142.1	105.3	70.4
7.5°	742.7	598.3	484.6	397.1	328.7	270.1	221.5	180.4	145.7	109.1	72.8
5°	777.6	625.0	501.6	406.2	334.8	274.7	225.5	183.4	148.7	112.3	74.8
2.5°	789.0	633.9	508.3	411.4	339.2	278.0	228.6	185.7	150.9	114.9	76.5
0°	794.3	638.2	511.7	414.4	341.9	280.0	230.7	187.3	152.4	117.0	77.8
-2.5°	800.2	644.1	516.6	419.0	344.7	282.7	233.0	189.8	154.6	119.3	80.0
-5°	799.7	645.2	518.2	421.2	345.8	284.2	234.3	191.6	156.2	120.9	81.9
-7.5°	791.3	640.2	516.2	420.8	345.2	284.3	234.6	192.6	157.2	122.0	83.4
-10°	776.2	629.8	510.4	417.0	342.9	283.1	234.1	192.9	157.6	122.4	84.4
-12.5°	754.9	615.0	501.0	410.7	338.9	280.4	232.4	192.0	157.3	122.2	85.0
-15°	727.6	596.0	488.1	402.1	333.0	276.5	229.6	190.2	156.0	121.4	85.1
-17.5°	694.5	572.9	471.6	391.1	325.3	271.3	225.8	187.6	154.1	119.8	85.0
-20°	663.8	548.6	452.6	377.8	315.7	264.8	221.0	184.3	151.8	117.8	84.6



REPORT NUMBER: P626842 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	629.4	523.3	435.7	365.0	305.6	257.0	215.2	180.3	149.0	115.5	83.8
-25°	590.1	494.7	416.4	350.7	295.8	249.6	209.1	175.6	145.8	112.9	82.7
-27.5°	553.2	465.1	394.9	334.3	284.4	241.0	203.2	171.3	142.2	109.9	81.3
-30°	515.5	439.4	374.1	317.0	271.9	231.4	196.5	166.6	138.0	107.3	79.5
-32.5°	477.2	411.4	352.0	302.1	259.8	221.2	189.2	161.6	133.7	104.8	78.0
-35°	444.3	383.8	328.1	286.1	247.4	212.4	181.9	156.3	129.3	101.9	76.3
-37.5°	409.2	355.8	309.6	270.2	234.0	202.9	174.9	150.1	124.7	98.7	74.4
-40°	377.9	329.7	289.7	254.8	222.0	192.5	167.1	143.4	120.4	95.1	72.1
-42.5°	345.9	306.0	270.2	238.2	210.0	183.1	158.7	136.3	114.9	91.8	69.4
-45°	318.0	281.7	250.1	223.2	197.4	172.8	150.3	128.9	109.0	88.4	66.7
-47.5°	289.1	258.2	231.3	207.5	185.0	162.1	141.6	122.1	102.8	84.6	63.9
-50°	262.1	236.1	213.7	192.3	171.4	152.1	132.8	115.1	97.2	79.6	60.7
-52.5°	238.1	216.5	196.5	177.0	159.1	141.6	125.0	108.0	91.4	74.7	57.3
-55°	217.0	197.6	179.6	162.8	146.7	132.3	117.0	101.2	85.3	69.6	53.6
-57.5°	196.7	179.2	164.0	149.0	135.3	122.8	109.2	94.3	79.1	64.2	50.2
-60°	176.2	162.2	148.6	136.1	124.2	112.9	101.3	87.1	72.8	58.7	46.2
-62.5°	156.7	144.9	134.5	123.4	112.6	102.6	93.2	79.6	66.1	53.3	41.8
-65°	137.5	128.5	120.1	109.7	100.2	91.9	84.1	71.9	59.2	47.5	37.1
-67.5°	118.5	111.1	103.5	95.1	88.1	81.3	74.4	63.4	51.8	41.4	32.4
-70°	99.3	93.0	87.6	82.3	76.5	70.5	63.6	54.2	44.1	35.6	27.6
-72.5°	80.5	76.7	73.5	69.7	64.7	59.0	52.6	44.9	37.1	29.6	22.6
-75°	62.0	61.2	60.3	57.8	53.1	47.7	42.5	36.7	29.9	23.5	18.4
-77.5°	48.8	48.5	47.8	46.1	42.0	37.7	33.2	28.2	23.1	18.7	14.5
-80°	36.2	36.1	35.8	34.8	31.2	27.6	24.4	21.3	17.5	13.9	10.5
-82.5°	23.8	24.1	24.3	24.0	21.6	19.2	17.0	14.7	11.8	9.0	7.0
-85°	13.6	13.8	13.9	13.7	12.3	10.8	9.9	8.9	7.4	6.0	4.7
-87.5°	5.6	6.0	6.2	6.4	5.9	5.4	5.0	4.5	3.7	3.0	2.4
-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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Scaled Data Report



REPORT NUMBER: P626842 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2B-727-U-WR-VSR-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°	0.1	0.1	0.1	0.1	0.0	0.0	0.0
85°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
82.5°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
80°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
77.5°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
75°	0.5	0.5	0.5	0.4	0.3	0.1	0.0
72.5°	0.5	0.5	0.5	0.4	0.3	0.2	0.0
70°	0.5	0.5	0.5	0.5	0.3	0.2	0.0
67.5°	0.5	0.5	0.5	0.5	0.4	0.2	0.0
65°	0.6	0.6	0.5	0.5	0.4	0.2	0.0
62.5°	0.7	0.7	0.5	0.5	0.5	0.2	0.0
60°	0.8	0.8	0.5	0.5	0.5	0.2	0.0
57.5°	1.4	1.0	0.6	0.5	0.5	0.3	0.0
55°	2.2	1.1	0.8	0.5	0.5	0.3	0.0
52.5°	3.1	1.4	1.0	0.5	0.5	0.3	0.0
50°	4.0	2.4	1.2	0.5	0.5	0.3	0.0
47.5°	5.4	3.4	1.3	0.5	0.6	0.3	0.0
45°	8.3	4.4	1.5	0.7	0.6	0.4	0.0
42.5°	11.1	5.5	1.7	0.8	0.6	0.4	0.0
40°	13.9	6.7	2.3	1.0	0.6	0.4	0.0
37.5°	16.8	7.9	3.2	1.3	0.6	0.4	0.0
35°	19.5	9.8	4.1	1.5	0.7	0.4	0.0
32.5°	22.5	12.0	5.1	1.8	0.7	0.4	0.0
30°	25.8	14.1	6.0	2.1	0.7	0.4	0.0
27.5°	29.0	16.2	7.1	2.4	0.7	0.4	0.0
25°	32.1	18.2	8.1	2.7	0.8	0.5	0.0
22.5°	35.1	20.2	9.2	3.0	0.8	0.5	0.0
20°	37.9	22.1	10.2	3.3	0.8	0.5	0.0
17.5°	40.5	23.9	11.1	3.7	0.9	0.5	0.0
15°	42.9	25.6	12.1	4.0	0.9	0.5	0.0
12.5°	45.1	27.1	12.9	4.3	0.9	0.5	0.0
10°	47.1	28.5	13.8	4.7	1.0	0.5	0.0
7.5°	48.9	29.8	14.5	5.0	1.0	0.5	0.0
5°	50.5	31.0	15.2	5.3	1.0	0.5	0.0
2.5°	51.8	32.0	15.8	5.5	1.1	0.5	0.0
0°	52.9	32.8	16.4	5.8	1.1	0.5	0.0
-2.5°	54.3	33.8	17.2	6.2	1.3	0.5	0.0
-5°	55.6	34.7	17.8	6.5	1.4	0.6	0.0
-7.5°	56.5	35.4	18.4	6.8	1.6	0.6	0.0
-10°	57.2	36.0	18.8	7.1	1.7	0.6	0.0
-12.5°	57.6	36.3	19.2	7.3	1.9	0.7	0.0
-15°	57.7	36.5	19.4	7.5	2.0	0.7	0.0
-17.5°	57.6	36.5	19.5	7.6	2.1	0.7	0.0
-20°	57.4	36.2	19.5	7.7	2.2	0.7	0.0

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CATALOG NUMBER: GFLD-SA2B-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	57.4	35.9	19.3	7.8	2.3	0.7	0.0
-25°	57.2	35.7	19.0	7.8	2.4	0.8	0.0
-27.5°	56.6	35.6	18.6	7.7	2.5	0.8	0.0
-30°	55.8	35.2	18.1	7.6	2.5	0.8	0.0
-32.5°	54.6	34.6	17.8	7.5	2.5	0.8	0.0
-35°	53.6	33.7	17.4	7.3	2.6	0.8	0.0
-37.5°	52.4	32.8	16.9	7.0	2.6	0.8	0.0
-40°	50.8	32.0	16.2	6.7	2.6	0.8	0.0
-42.5°	49.1	31.0	15.8	6.4	2.5	0.8	0.0
-45°	47.0	29.8	15.5	6.1	2.5	0.8	0.0
-47.5°	44.6	28.4	15.0	5.8	2.4	0.7	0.0
-50°	42.5	26.8	14.4	5.7	2.4	0.7	0.0
-52.5°	40.3	25.0	13.6	5.6	2.3	0.7	0.0
-55°	37.8	23.5	12.7	5.5	2.2	0.7	0.0
-57.5°	35.1	21.9	11.6	5.2	2.0	0.6	0.0
-60°	32.2	20.1	10.4	4.9	1.9	0.6	0.0
-62.5°	29.4	18.1	9.7	4.6	1.8	0.6	0.0
-65°	26.3	15.9	8.8	4.2	1.6	0.5	0.0
-67.5°	22.9	13.9	7.9	3.7	1.5	0.5	0.0
-70°	19.3	12.2	6.9	3.2	1.4	0.4	0.0
-72.5°	16.4	10.4	5.8	2.8	1.2	0.4	0.0
-75°	13.5	8.4	4.6	2.5	1.1	0.3	0.0
-77.5°	10.4	6.3	3.8	2.1	0.9	0.3	0.0
-80°	7.2	4.8	3.1	1.7	0.7	0.2	0.0
-82.5°	5.3	3.7	2.3	1.3	0.5	0.2	0.0
-85°	3.6	2.5	1.6	0.9	0.4	0.1	0.0
-87.5°	1.8	1.2	0.8	0.4	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)