

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: P626602 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-727-U-WR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626602 (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: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1B-727-U-WR-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR  
Light Source: (16) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3210.7 lumens  
Efficiency: N/A  
Efficacy: 95.8 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V  
Max Intensity: 3639.4 candela  
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 50.9°H x 47.1°V  
Beam Lumens: 1545.8 lumens  
Beam Efficiency: 48.1%

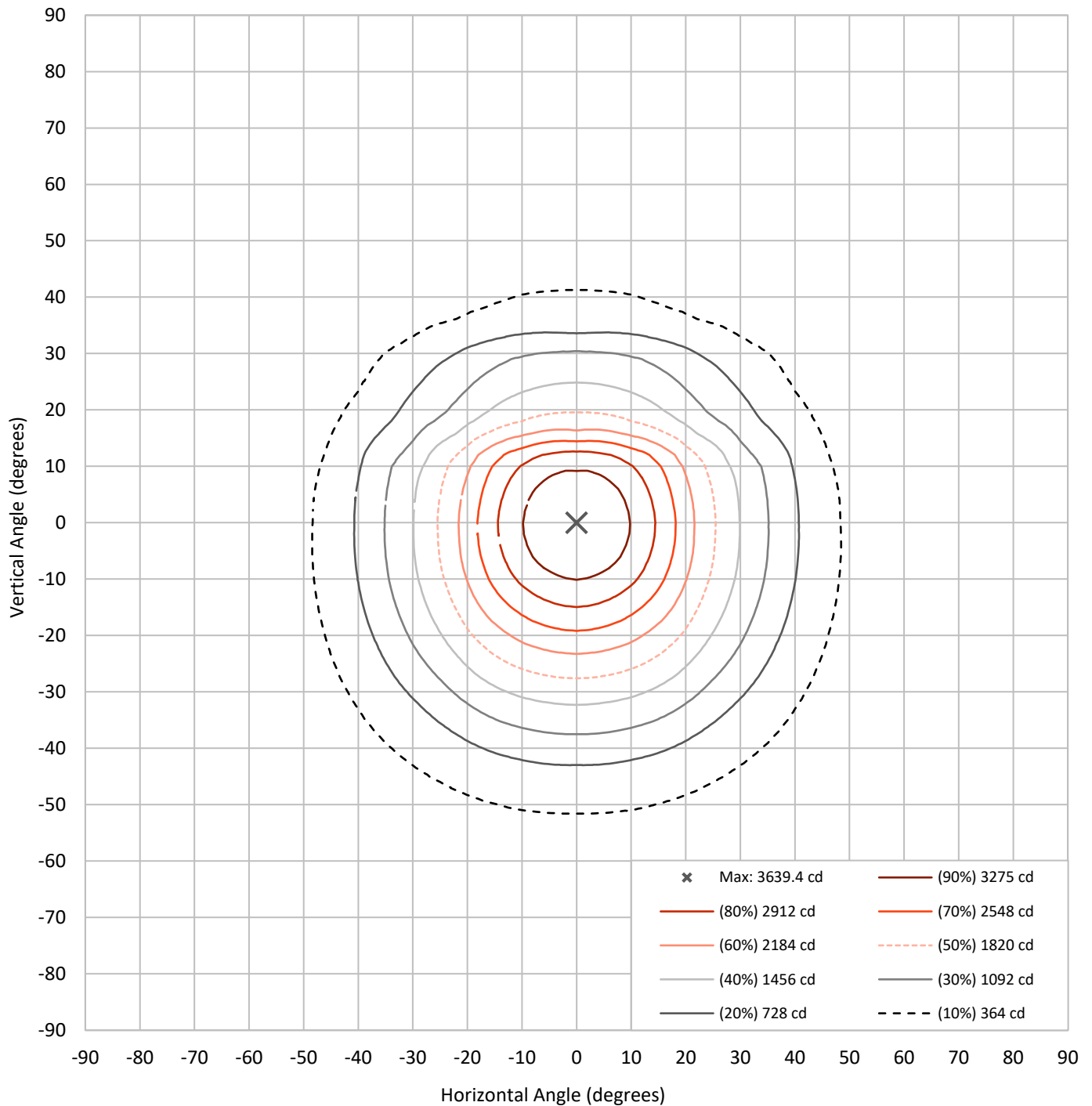
Field Angle (10%): 96.7°H x 92.9°V  
Field Lumens: 2874.7 lumens  
Field Efficiency: 89.5%

Input Watts (W): 33.5  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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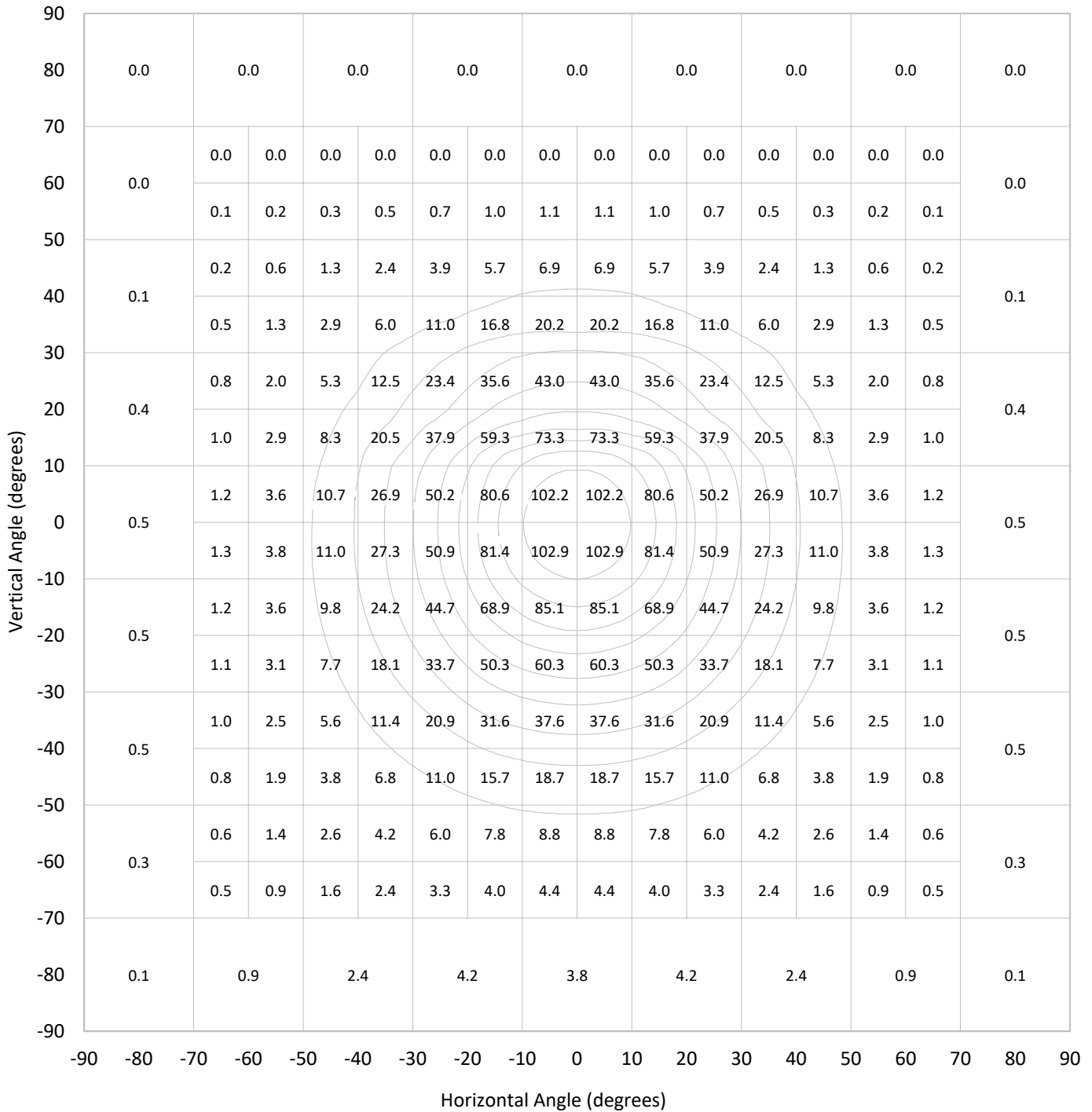
### Iso-Candela Plot





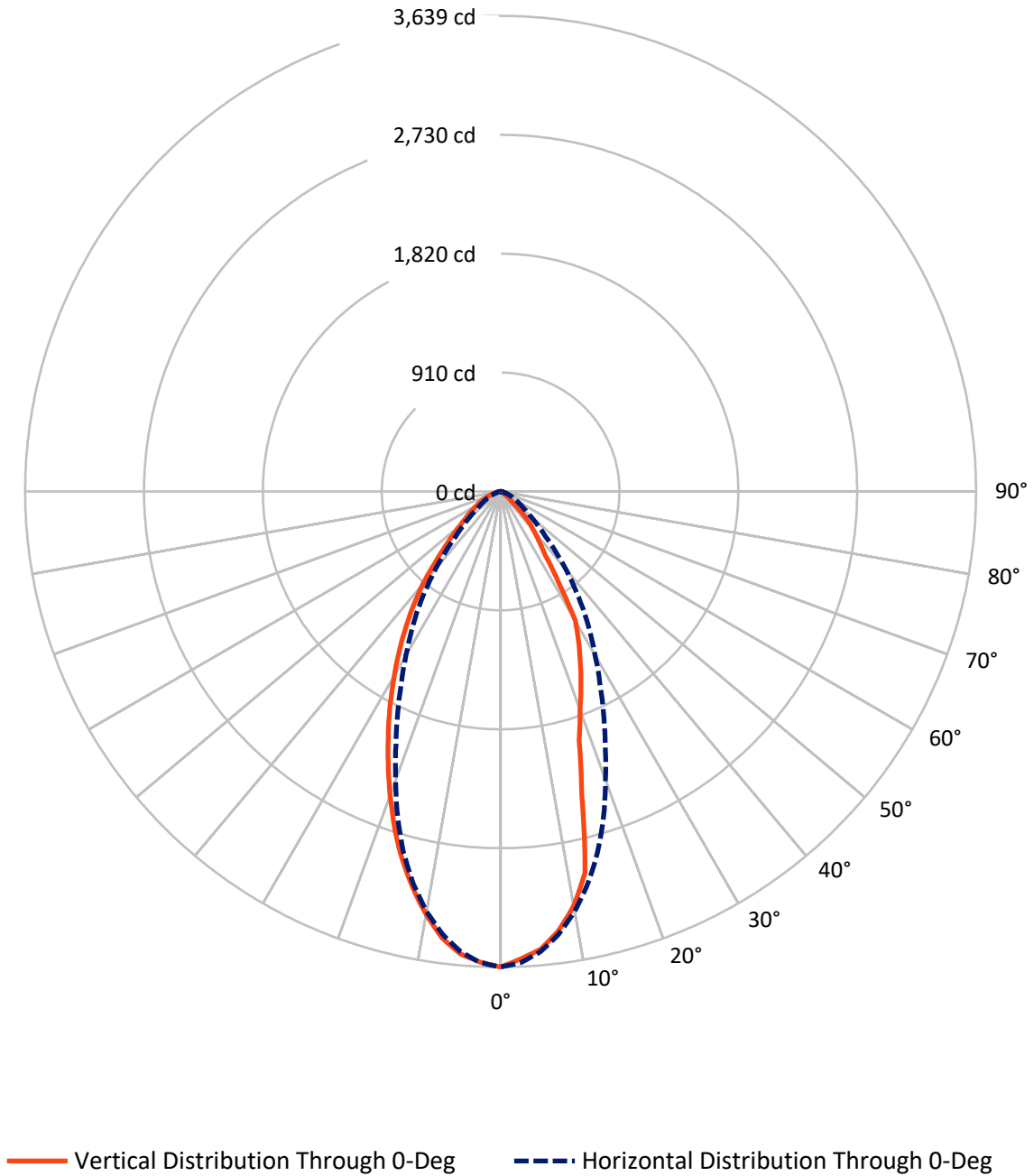
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### Lumen Table



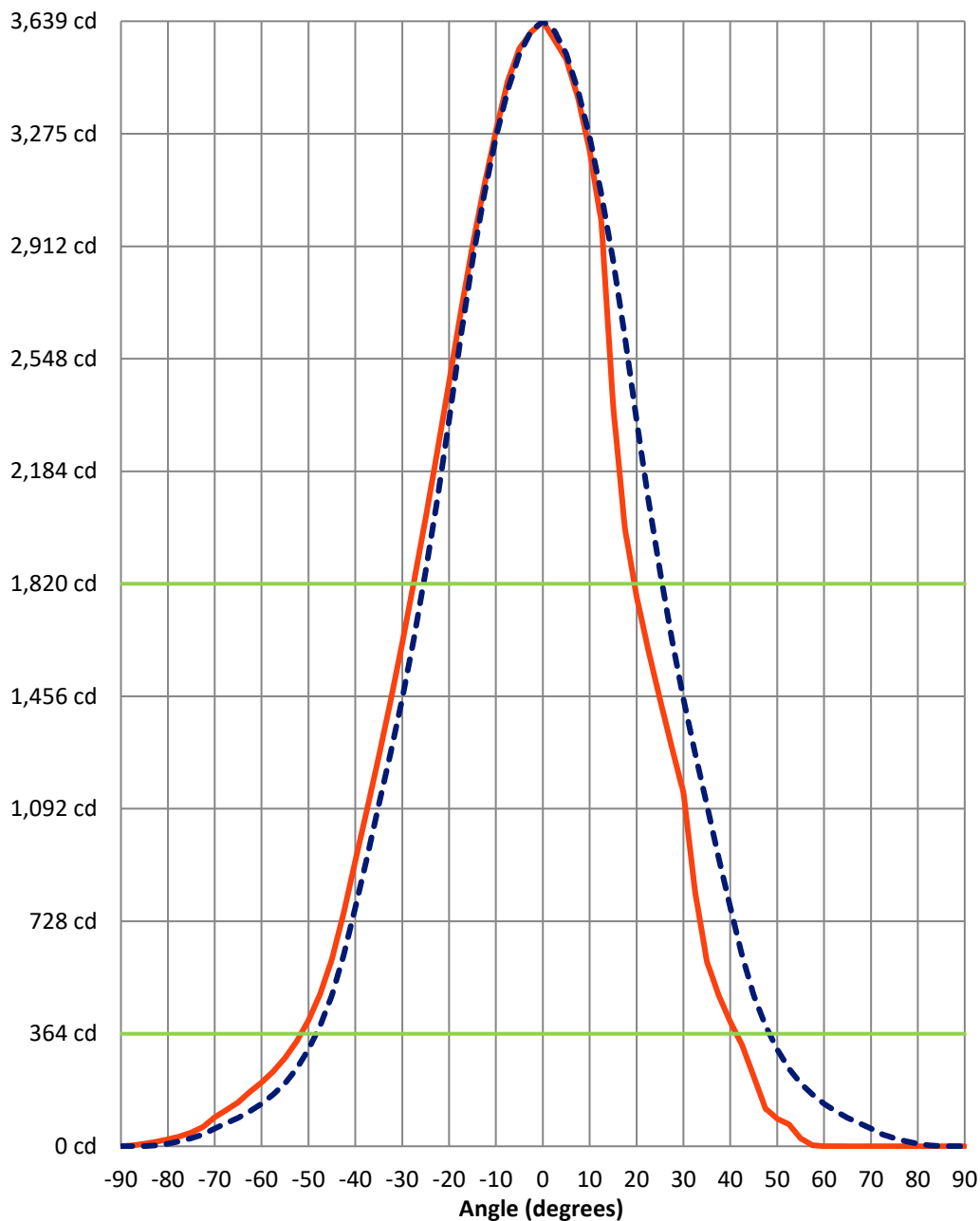
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 50.9°  
 V Angle: 47.1°  
 Lumens: 1545.8  
 Efficiency: 48.1%

**Field:**  
 H Angle: 96.7°  
 V Angle: 92.9°  
 Lumens: 2874.7  
 Efficiency: 89.5%

**Spill:**  
 Lumens: 336  
 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	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
85°	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3
82.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3
80°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
75°	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
72.5°	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
70°	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
67.5°	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4
65°	0.0	0.1	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.5
62.5°	0.0	0.1	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.7	1.1
60°	0.0	0.1	0.3	0.3	0.3	0.4	0.4	0.5	0.7	1.7	1.9
57.5°	0.0	0.2	0.3	0.3	0.4	0.5	0.7	0.7	1.7	2.9	3.2
55°	0.0	0.2	0.3	0.3	0.4	0.6	1.1	1.0	3.1	4.4	4.9
52.5°	0.0	0.2	0.3	0.3	0.5	0.7	1.5	2.4	4.6	6.5	7.0
50°	0.0	0.2	0.3	0.3	0.6	1.2	2.0	4.0	6.4	8.8	10.7
47.5°	0.0	0.2	0.3	0.3	0.7	1.7	2.7	5.6	8.9	11.4	14.5
45°	0.0	0.2	0.3	0.4	0.8	2.2	4.1	7.3	11.3	14.8	18.3
42.5°	0.0	0.2	0.3	0.4	0.8	2.7	5.4	9.2	13.7	18.1	22.5
40°	0.0	0.2	0.3	0.5	1.1	3.3	6.8	11.3	16.3	21.4	26.8
37.5°	0.0	0.2	0.3	0.6	1.6	3.9	8.2	13.4	19.0	24.7	31.3
35°	0.0	0.2	0.4	0.8	2.0	4.8	9.6	15.4	21.8	28.7	36.1
32.5°	0.0	0.3	0.4	0.9	2.5	5.9	11.0	17.4	24.5	32.8	41.6
30°	0.0	0.3	0.4	1.0	2.9	6.9	12.7	19.5	27.3	37.0	47.1
27.5°	0.0	0.3	0.4	1.2	3.5	8.0	14.2	21.7	30.3	41.3	52.6
25°	0.0	0.3	0.4	1.3	4.0	8.9	15.8	23.9	33.7	45.8	58.1
22.5°	0.0	0.3	0.4	1.5	4.5	9.9	17.2	26.1	37.2	50.4	63.7
20°	0.0	0.3	0.4	1.6	5.0	10.8	18.6	28.1	40.5	54.9	69.0
17.5°	0.0	0.3	0.4	1.8	5.5	11.7	19.9	30.1	43.8	59.2	74.1
15°	0.0	0.3	0.4	2.0	5.9	12.5	21.1	31.8	47.0	63.4	78.8
12.5°	0.0	0.3	0.4	2.1	6.4	13.3	22.2	33.3	49.6	67.4	83.3
10°	0.0	0.3	0.5	2.3	6.8	14.0	23.2	34.6	51.7	69.8	86.8
7.5°	0.0	0.3	0.5	2.5	7.2	14.6	24.0	35.7	53.6	71.6	88.6
5°	0.0	0.3	0.5	2.6	7.5	15.2	24.8	36.7	55.1	73.0	90.1
2.5°	0.0	0.3	0.5	2.8	7.8	15.7	25.5	37.5	56.4	74.1	91.2
0°	0.0	0.3	0.5	2.9	8.1	16.1	26.0	38.2	57.4	74.9	92.0
-2.5°	0.0	0.3	0.6	3.1	8.5	16.6	26.7	39.3	58.5	76.0	93.2
-5°	0.0	0.3	0.7	3.2	8.8	17.0	27.3	40.2	59.4	76.7	94.1
-7.5°	0.0	0.3	0.7	3.4	9.1	17.4	27.7	41.0	59.9	77.2	94.6
-10°	0.0	0.4	0.8	3.5	9.3	17.7	28.1	41.5	60.2	77.4	94.8
-12.5°	0.0	0.4	0.9	3.6	9.5	17.8	28.3	41.8	60.1	77.3	94.3
-15°	0.0	0.4	0.9	3.7	9.6	17.9	28.3	41.9	59.7	76.6	93.4
-17.5°	0.0	0.4	1.0	3.8	9.6	17.9	28.3	41.8	58.9	75.7	92.1
-20°	0.0	0.4	1.0	3.8	9.6	17.8	28.2	41.6	57.9	74.6	90.5

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CATALOG NUMBER: GFLD-SA1B-727-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.4	1.1	3.8	9.5	17.6	28.2	41.2	56.8	73.2	88.5
-25°	0.0	0.4	1.1	3.8	9.4	17.6	28.1	40.6	55.5	71.7	86.2
-27.5°	0.0	0.4	1.2	3.8	9.1	17.5	27.8	39.9	54.0	69.9	84.1
-30°	0.0	0.4	1.2	3.7	8.9	17.3	27.4	39.0	52.8	67.8	81.8
-32.5°	0.0	0.4	1.2	3.7	8.8	17.0	26.9	38.3	51.5	65.7	79.4
-35°	0.0	0.4	1.2	3.5	8.6	16.6	26.3	37.5	50.1	63.5	76.8
-37.5°	0.0	0.4	1.2	3.4	8.3	16.1	25.7	36.5	48.5	61.3	73.7
-40°	0.0	0.4	1.2	3.2	8.0	15.7	25.0	35.4	46.7	59.2	70.4
-42.5°	0.0	0.4	1.2	3.1	7.7	15.3	24.1	34.1	45.1	56.4	67.0
-45°	0.0	0.4	1.2	3.0	7.6	14.7	23.1	32.8	43.4	53.5	63.3
-47.5°	0.0	0.4	1.2	2.8	7.4	14.0	21.9	31.4	41.6	50.5	60.0
-50°	0.0	0.4	1.1	2.7	7.1	13.2	20.9	29.8	39.1	47.8	56.5
-52.5°	0.0	0.4	1.1	2.7	6.7	12.3	19.8	28.1	36.7	44.9	53.0
-55°	0.0	0.3	1.0	2.6	6.2	11.6	18.6	26.3	34.2	41.9	49.7
-57.5°	0.0	0.3	1.0	2.5	5.7	10.8	17.2	24.7	31.6	38.9	46.3
-60°	0.0	0.3	0.9	2.4	5.1	9.9	15.8	22.7	28.8	35.8	42.8
-62.5°	0.0	0.3	0.8	2.2	4.7	8.9	14.4	20.5	26.2	32.5	39.1
-65°	0.0	0.3	0.8	2.0	4.3	7.8	12.9	18.3	23.3	29.1	35.3
-67.5°	0.0	0.2	0.7	1.8	3.9	6.8	11.3	16.0	20.3	25.5	31.2
-70°	0.0	0.2	0.7	1.5	3.4	6.0	9.5	13.6	17.5	21.7	26.6
-72.5°	0.0	0.2	0.6	1.4	2.8	5.1	8.1	11.1	14.6	18.2	22.1
-75°	0.0	0.2	0.5	1.2	2.2	4.1	6.6	9.1	11.5	14.7	18.0
-77.5°	0.0	0.1	0.4	1.0	1.8	3.1	5.1	7.1	9.2	11.3	13.9
-80°	0.0	0.1	0.3	0.8	1.5	2.4	3.5	5.1	6.8	8.6	10.4
-82.5°	0.0	0.1	0.3	0.6	1.1	1.8	2.6	3.4	4.4	5.8	7.2
-85°	0.0	0.1	0.2	0.4	0.8	1.2	1.8	2.3	2.9	3.6	4.4
-87.5°	0.0	0.0	0.1	0.2	0.4	0.6	0.9	1.2	1.5	1.8	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





REPORT NUMBER: P626602 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
80°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
72.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
70°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
67.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
65°	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
62.5°	0.4	0.5	0.6	0.9	0.7	0.3	0.5	0.6	0.4	0.3	0.4
60°	1.1	0.8	2.0	2.8	1.8	1.0	1.2	2.4	1.9	0.5	1.4
57.5°	2.3	2.8	5.0	5.3	4.1	2.7	6.0	6.6	5.5	3.5	5.0
55°	4.8	6.7	8.5	8.4	8.4	10.6	12.5	12.2	10.8	14.9	18.8
52.5°	9.0	11.1	12.2	13.3	16.4	18.4	19.0	20.1	24.4	29.5	30.3
50°	13.3	15.4	16.9	20.9	24.0	25.6	27.0	30.9	37.3	40.8	41.4
47.5°	17.6	19.9	24.0	28.3	31.3	33.7	36.3	45.1	52.2	55.2	56.3
45°	22.1	26.0	31.2	35.6	39.1	42.3	50.7	62.7	67.7	72.3	83.9
42.5°	26.7	32.7	38.5	43.1	47.0	53.9	65.5	77.1	84.3	94.0	108.0
40°	32.6	39.4	46.0	50.8	55.7	66.0	80.4	92.7	100.3	113.3	129.2
37.5°	38.6	46.5	53.7	58.7	65.6	79.6	96.5	111.3	120.7	131.3	156.8
35°	44.5	53.8	61.2	67.9	76.4	95.7	116.5	133.0	144.7	162.8	195.1
32.5°	50.9	61.3	68.8	77.9	91.9	113.5	139.0	157.3	176.7	202.7	254.6
30°	57.6	68.2	76.8	87.9	106.6	131.7	161.4	184.4	210.7	253.0	308.8
27.5°	64.4	75.1	85.8	99.8	120.4	147.5	178.6	214.7	248.8	296.0	357.0
25°	70.8	82.2	94.6	111.4	133.7	162.1	196.0	237.8	282.2	336.2	407.9
22.5°	77.0	89.3	103.9	122.0	145.0	176.0	216.4	265.5	318.8	374.8	457.2
20°	83.0	97.4	114.0	134.3	155.3	188.8	236.4	295.8	362.6	439.3	520.0
17.5°	89.0	105.3	124.5	147.0	172.5	206.8	256.9	327.6	408.9	508.7	608.0
15°	94.9	113.1	134.7	159.6	189.9	230.9	287.7	365.4	463.7	583.1	700.9
12.5°	100.5	120.6	144.4	171.9	206.7	253.5	316.8	400.6	513.2	655.9	800.5
10°	106.0	127.8	153.6	183.7	222.8	274.5	342.5	431.1	550.5	697.6	858.5
7.5°	108.8	132.7	161.5	195.0	238.0	293.9	364.9	456.8	579.7	731.2	892.5
5°	110.7	134.9	164.5	199.5	246.4	307.0	382.0	477.8	601.2	756.4	915.4
2.5°	112.3	136.5	166.6	202.0	249.7	311.4	387.6	485.2	612.8	769.6	928.9
0°	113.3	137.5	167.9	203.5	251.4	313.5	390.2	488.2	617.7	772.6	933.8
-2.5°	114.4	138.8	169.3	205.8	253.8	316.4	393.1	490.4	621.3	773.4	936.4
-5°	115.1	139.6	169.8	206.9	254.5	316.9	392.8	488.3	618.4	767.3	930.6
-7.5°	115.2	139.6	169.5	206.7	253.6	314.5	388.7	482.2	608.3	755.1	916.6
-10°	115.0	139.0	168.4	204.8	250.7	309.4	381.3	471.7	591.8	734.8	892.9
-12.5°	114.1	137.7	166.4	201.7	246.1	302.1	370.8	456.6	568.8	706.6	859.4
-15°	112.8	135.8	163.5	197.5	239.7	292.8	357.4	437.1	539.1	670.8	817.7
-17.5°	110.9	133.2	159.7	192.1	231.6	281.4	341.1	414.2	507.2	630.8	771.4
-20°	108.6	130.0	155.1	185.5	222.3	269.4	326.0	393.9	477.3	585.0	716.7

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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°	105.7	126.2	150.1	179.3	214.0	257.0	309.2	371.0	443.7	532.0	657.0
-25°	102.7	122.6	145.3	172.3	204.5	243.0	289.8	346.2	412.1	492.9	596.2
-27.5°	99.8	118.4	139.7	164.2	193.9	228.5	271.7	323.0	381.8	450.5	534.7
-30°	96.5	113.7	133.6	155.8	183.8	215.8	253.2	297.2	349.4	411.5	484.7
-32.5°	92.9	108.6	127.6	148.4	172.9	202.1	234.4	274.2	319.6	370.9	434.1
-35°	89.3	104.3	121.5	140.6	161.2	188.5	218.2	251.3	289.9	335.2	385.8
-37.5°	85.9	99.6	114.9	132.7	152.1	174.8	201.0	230.8	264.1	300.2	343.9
-40°	82.1	94.6	109.1	125.1	142.3	162.0	185.6	210.9	239.6	271.3	305.0
-42.5°	77.9	89.9	103.2	117.0	132.7	150.3	169.9	193.1	216.9	243.5	272.9
-45°	73.8	84.9	97.0	109.6	122.8	138.4	156.2	175.4	196.5	218.2	243.0
-47.5°	69.5	79.6	90.9	101.9	113.6	126.9	142.0	159.4	177.0	196.4	215.5
-50°	65.2	74.7	84.2	94.5	104.9	116.0	128.8	143.8	159.8	175.9	192.7
-52.5°	61.4	69.5	78.1	87.0	96.5	106.3	117.0	129.4	143.4	157.5	172.1
-55°	57.4	65.0	72.1	80.0	88.3	97.1	106.5	117.0	127.5	140.4	153.0
-57.5°	53.6	60.3	66.4	73.2	80.6	88.1	96.6	105.4	115.0	124.8	135.0
-60°	49.7	55.4	61.0	66.8	73.0	79.7	86.6	94.4	102.6	111.0	119.9
-62.5°	45.8	50.4	55.3	60.6	66.1	71.2	77.0	83.3	90.1	97.4	104.9
-65°	41.3	45.1	49.2	53.9	59.0	63.1	67.5	72.3	77.9	83.9	89.8
-67.5°	36.6	39.9	43.3	46.7	50.9	54.6	58.2	62.0	66.2	71.1	75.8
-70°	31.3	34.6	37.6	40.4	43.1	45.7	48.8	51.8	55.2	59.6	63.8
-72.5°	25.9	29.0	31.8	34.2	36.1	37.6	39.5	41.7	45.0	49.0	52.8
-75°	20.9	23.5	26.1	28.4	29.6	30.1	30.4	31.6	34.9	39.1	42.8
-77.5°	16.3	18.5	20.6	22.7	23.5	23.8	24.0	24.0	26.4	30.0	33.7
-80°	12.0	13.5	15.3	17.1	17.6	17.8	17.8	17.7	19.7	22.2	24.9
-82.5°	8.3	9.5	10.6	11.8	11.9	11.9	11.7	11.5	13.1	14.9	16.8
-85°	4.9	5.3	6.1	6.8	6.8	6.8	6.7	6.4	7.3	8.3	9.4
-87.5°	2.4	2.7	2.9	3.2	3.1	2.9	2.8	2.5	2.8	3.1	3.3
-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: P626602 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-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°	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.1	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
62.5°	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2
60°	1.5	0.9	0.9	1.1	1.0	0.5	0.9	1.1	1.0	0.8	0.7
57.5°	7.5	6.3	4.4	7.3	7.5	5.2	5.7	7.4	7.2	5.6	5.6
55°	18.8	19.1	20.4	22.3	23.7	24.3	24.9	27.7	30.7	33.6	35.1
52.5°	31.0	34.7	39.2	42.2	44.3	48.6	54.6	57.3	60.0	63.0	65.2
50°	45.7	52.1	56.6	57.2	64.4	69.0	70.1	75.2	80.9	84.4	86.9
47.5°	68.0	76.0	80.0	82.5	91.2	100.7	100.7	103.6	117.7	125.1	128.6
45°	98.0	104.6	111.6	129.8	146.5	151.8	163.1	178.5	188.5	202.2	217.3
42.5°	123.5	136.0	153.5	173.5	190.3	204.2	221.1	239.5	261.7	282.6	300.5
40°	148.7	164.2	185.9	207.7	228.7	248.0	275.2	299.0	325.1	353.8	377.7
37.5°	181.7	201.5	224.0	251.4	284.1	305.6	342.9	377.1	406.5	441.2	462.5
35°	232.3	258.2	278.0	333.4	373.3	398.3	442.6	498.7	520.2	563.9	584.6
32.5°	296.0	330.2	382.4	455.9	509.1	555.3	621.4	678.3	726.8	770.7	816.3
30°	367.4	420.3	497.3	594.9	649.0	713.7	803.1	870.5	946.6	1030.1	1059.3
27.5°	432.3	511.6	600.9	680.0	757.7	838.2	926.1	1012.7	1095.1	1164.5	1211.2
25°	492.4	588.4	675.3	759.8	844.0	934.7	1034.0	1132.3	1222.9	1294.4	1348.7
22.5°	554.4	655.9	748.8	834.5	932.5	1035.2	1140.9	1253.6	1356.7	1430.9	1490.1
20°	612.7	725.6	831.6	929.1	1021.8	1140.4	1262.0	1381.6	1493.8	1582.2	1650.5
17.5°	705.3	803.3	932.8	1059.5	1163.9	1272.9	1435.4	1558.8	1683.4	1789.2	1861.6
15°	819.0	926.7	1060.4	1234.5	1377.5	1502.3	1670.2	1871.0	2018.0	2153.1	2245.7
12.5°	932.7	1054.5	1199.2	1395.1	1598.6	1745.7	1949.4	2203.9	2375.1	2584.2	2687.2
10°	1019.9	1172.9	1321.9	1500.6	1696.1	1905.5	2125.1	2363.2	2591.9	2771.5	2932.0
7.5°	1055.0	1217.9	1390.4	1572.8	1768.3	1984.4	2218.5	2466.2	2701.6	2902.2	3078.5
5°	1081.2	1248.2	1421.8	1608.3	1817.3	2043.0	2280.5	2540.6	2781.0	2995.9	3176.4
2.5°	1097.9	1266.4	1439.3	1629.0	1848.7	2081.1	2326.3	2593.2	2837.2	3058.5	3238.4
0°	1104.3	1270.4	1447.4	1642.7	1860.2	2093.2	2348.9	2619.0	2865.0	3078.9	3264.0
-2.5°	1105.2	1266.7	1447.9	1642.2	1850.4	2085.5	2344.4	2612.3	2853.2	3066.2	3253.0
-5°	1096.5	1258.0	1439.4	1630.7	1839.2	2072.5	2320.3	2579.1	2808.9	3016.3	3196.1
-7.5°	1078.9	1239.9	1417.3	1604.3	1807.2	2033.5	2271.5	2512.1	2737.5	2936.4	3108.0
-10°	1052.8	1210.5	1381.7	1563.9	1755.8	1971.1	2198.0	2427.9	2639.3	2823.2	2981.9
-12.5°	1017.5	1171.5	1335.0	1508.9	1687.6	1892.8	2107.1	2323.0	2515.7	2683.5	2825.9
-15°	971.6	1122.0	1280.4	1444.8	1618.1	1803.7	1995.9	2194.0	2371.7	2520.6	2650.6
-17.5°	917.5	1063.4	1213.8	1366.2	1530.7	1704.8	1883.3	2061.0	2212.6	2344.9	2463.8
-20°	857.2	997.8	1140.7	1282.8	1431.9	1593.0	1757.9	1914.0	2046.4	2166.6	2275.5



REPORT NUMBER: P626602 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	789.7	924.2	1061.1	1194.1	1328.7	1474.5	1621.7	1762.9	1886.8	1989.6	2084.2
-25°	717.3	841.7	970.9	1095.6	1219.4	1350.1	1483.9	1613.8	1722.8	1812.1	1890.2
-27.5°	644.5	758.0	872.0	989.4	1103.8	1224.3	1345.4	1457.7	1555.6	1637.7	1703.4
-30°	567.9	669.4	773.4	879.7	988.9	1099.3	1208.6	1306.9	1392.4	1464.7	1521.4
-32.5°	504.2	581.3	673.1	769.6	872.0	972.6	1067.7	1157.3	1237.8	1300.9	1349.0
-35°	443.1	508.5	577.3	662.6	750.6	843.1	930.7	1010.6	1082.4	1137.5	1182.8
-37.5°	390.7	442.3	500.5	561.5	635.2	711.7	790.7	865.9	929.9	978.0	1018.4
-40°	345.2	386.0	432.5	480.9	535.1	590.1	658.9	722.3	774.5	819.5	856.1
-42.5°	304.2	338.6	373.0	412.6	453.6	497.7	546.0	592.9	633.0	670.6	701.8
-45°	268.7	296.2	323.6	354.2	384.3	420.2	454.7	485.5	518.0	546.1	568.3
-47.5°	237.8	259.2	282.6	305.5	329.7	356.8	382.4	405.9	429.6	450.3	466.8
-50°	210.2	228.0	247.1	265.1	284.6	304.4	323.4	342.0	360.1	375.8	388.0
-52.5°	186.1	201.6	216.6	230.9	246.4	261.1	274.8	290.2	304.3	316.7	325.0
-55°	165.6	178.3	190.5	202.5	214.2	225.3	236.2	248.2	259.1	269.0	275.2
-57.5°	146.3	157.1	167.5	177.3	186.6	195.4	204.6	213.8	222.2	229.6	234.4
-60°	128.8	137.6	146.6	154.6	162.1	169.1	176.9	184.2	191.0	196.7	200.0
-62.5°	112.7	120.6	127.2	133.6	140.0	146.3	151.8	157.3	162.5	166.9	169.8
-65°	95.9	102.6	108.3	113.4	117.9	122.9	127.6	131.8	135.6	138.4	140.3
-67.5°	80.9	85.8	90.3	94.4	98.5	102.4	106.1	109.3	112.1	114.1	115.5
-70°	67.8	71.6	75.3	79.0	82.6	85.7	88.3	90.7	92.9	93.8	94.2
-72.5°	56.4	59.7	63.0	66.2	69.2	71.6	73.6	75.3	76.9	75.6	73.2
-75°	46.0	48.9	52.0	54.8	57.5	59.3	60.7	62.0	63.2	60.3	56.2
-77.5°	37.5	40.1	42.3	44.5	46.7	47.9	48.8	49.7	50.5	47.2	43.0
-80°	27.8	29.9	31.8	33.6	35.5	36.2	36.6	36.8	37.0	34.2	30.9
-82.5°	18.8	19.9	20.9	22.0	23.1	23.7	24.1	24.5	24.7	22.7	20.4
-85°	10.5	10.8	11.1	11.3	11.5	11.9	12.2	12.5	12.8	11.9	10.8
-87.5°	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.3	3.2
-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: P626602 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
60°	0.5	0.4	0.3	0.3	0.3	0.4	0.5	0.7	0.8	1.0	1.1
57.5°	5.2	4.5	4.0	3.6	4.0	4.5	5.2	5.6	5.6	7.2	7.4
55°	34.5	32.1	29.2	25.7	29.2	32.1	34.5	35.1	33.6	30.7	27.7
52.5°	67.6	69.8	71.1	71.0	71.1	69.8	67.6	65.2	63.0	60.0	57.3
50°	88.9	90.1	90.2	89.2	90.2	90.1	88.9	86.9	84.4	80.9	75.2
47.5°	130.2	128.6	125.6	122.4	125.6	128.6	130.2	128.6	125.1	117.7	103.6
45°	227.3	232.7	232.4	225.4	232.4	232.7	227.3	217.3	202.2	188.5	178.5
42.5°	310.6	318.8	324.6	327.5	324.6	318.8	310.6	300.5	282.6	261.7	239.5
40°	391.2	399.1	402.6	402.4	402.6	399.1	391.2	377.7	353.8	325.1	299.0
37.5°	476.4	486.6	491.6	489.2	491.6	486.6	476.4	462.5	441.2	406.5	377.1
35°	593.5	603.1	603.3	598.4	603.3	603.1	593.5	584.6	563.9	520.2	498.7
32.5°	852.4	855.7	831.0	822.2	831.0	855.7	852.4	816.3	770.7	726.8	678.3
30°	1088.4	1111.2	1132.3	1143.0	1132.3	1111.2	1088.4	1059.3	1030.1	946.6	870.5
27.5°	1246.3	1273.7	1290.6	1291.7	1290.6	1273.7	1246.3	1211.2	1164.5	1095.1	1012.7
25°	1389.9	1420.5	1439.0	1445.3	1439.0	1420.5	1389.9	1348.7	1294.4	1222.9	1132.3
22.5°	1540.3	1576.4	1600.3	1605.2	1600.3	1576.4	1540.3	1490.1	1430.9	1356.7	1253.6
20°	1714.9	1756.9	1779.8	1778.9	1779.8	1756.9	1714.9	1650.5	1582.2	1493.8	1381.6
17.5°	1944.7	1989.7	2009.5	2000.9	2009.5	1989.7	1944.7	1861.6	1789.2	1683.4	1558.8
15°	2340.8	2435.0	2434.6	2397.0	2434.6	2435.0	2340.8	2245.7	2153.1	2018.0	1871.0
12.5°	2829.4	2899.6	2971.6	2987.1	2971.6	2899.6	2829.4	2687.2	2584.2	2375.1	2203.9
10°	3067.1	3160.4	3222.0	3220.3	3222.0	3160.4	3067.1	2932.0	2771.5	2591.9	2363.2
7.5°	3215.9	3319.0	3393.5	3391.9	3393.5	3319.0	3215.9	3078.5	2902.2	2701.6	2466.2
5°	3330.7	3445.0	3511.0	3515.9	3511.0	3445.0	3330.7	3176.4	2995.9	2781.0	2540.6
2.5°	3390.4	3509.5	3589.0	3578.5	3589.0	3509.5	3390.4	3238.4	3058.5	2837.2	2593.2
0°	3415.3	3533.3	3607.4	3639.4	3607.4	3533.3	3415.3	3264.0	3078.9	2865.0	2619.0
-2.5°	3404.4	3519.2	3601.1	3604.3	3601.1	3519.2	3404.4	3253.0	3066.2	2853.2	2612.3
-5°	3346.1	3467.3	3522.1	3551.2	3522.1	3467.3	3346.1	3196.1	3016.3	2808.9	2579.1
-7.5°	3252.0	3342.8	3412.5	3444.7	3412.5	3342.8	3252.0	3108.0	2936.4	2737.5	2512.1
-10°	3105.6	3199.6	3258.5	3285.0	3258.5	3199.6	3105.6	2981.9	2823.2	2639.3	2427.9
-12.5°	2943.4	3028.9	3084.8	3107.2	3084.8	3028.9	2943.4	2825.9	2683.5	2515.7	2323.0
-15°	2762.4	2840.0	2891.5	2913.0	2891.5	2840.0	2762.4	2650.6	2520.6	2371.7	2194.0
-17.5°	2563.3	2631.2	2682.6	2698.1	2682.6	2631.2	2563.3	2463.8	2344.9	2212.6	2061.0
-20°	2358.5	2419.9	2462.2	2471.4	2462.2	2419.9	2358.5	2275.5	2166.6	2046.4	1914.0



REPORT NUMBER: P626602 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	2152.1	2202.7	2237.0	2248.6	2237.0	2202.7	2152.1	2084.2	1989.6	1886.8	1762.9
-25°	1950.4	1994.1	2021.7	2032.1	2021.7	1994.1	1950.4	1890.2	1812.1	1722.8	1613.8
-27.5°	1756.4	1797.1	1822.5	1825.9	1822.5	1797.1	1756.4	1703.4	1637.7	1555.6	1457.7
-30°	1565.5	1599.2	1618.8	1627.1	1618.8	1599.2	1565.5	1521.4	1464.7	1392.4	1306.9
-32.5°	1387.1	1416.5	1434.1	1438.8	1434.1	1416.5	1387.1	1349.0	1300.9	1237.8	1157.3
-35°	1218.8	1245.9	1261.5	1260.3	1261.5	1245.9	1218.8	1182.8	1137.5	1082.4	1010.6
-37.5°	1051.9	1076.9	1091.1	1089.7	1091.1	1076.9	1051.9	1018.4	978.0	929.9	865.9
-40°	886.3	907.9	920.3	923.4	920.3	907.9	886.3	856.1	819.5	774.5	722.3
-42.5°	727.6	747.6	757.5	753.6	757.5	747.6	727.6	701.8	670.6	633.0	592.9
-45°	583.8	594.2	601.0	605.2	601.0	594.2	583.8	568.3	546.1	518.0	485.5
-47.5°	478.9	487.5	492.1	492.9	492.1	487.5	478.9	466.8	450.3	429.6	405.9
-50°	397.5	404.8	408.0	407.1	408.0	404.8	397.5	388.0	375.8	360.1	342.0
-52.5°	331.0	335.3	338.1	339.5	338.1	335.3	331.0	325.0	316.7	304.3	290.2
-55°	279.8	283.1	285.1	285.7	285.1	283.1	279.8	275.2	269.0	259.1	248.2
-57.5°	238.4	241.5	242.7	242.3	242.7	241.5	238.4	234.4	229.6	222.2	213.8
-60°	202.6	204.4	205.7	206.4	205.7	204.4	202.6	200.0	196.7	191.0	184.2
-62.5°	172.1	173.8	175.2	176.0	175.2	173.8	172.1	169.8	166.9	162.5	157.3
-65°	141.5	142.3	142.5	142.2	142.5	142.3	141.5	140.3	138.4	135.6	131.8
-67.5°	116.4	117.1	117.5	117.5	117.5	117.1	116.4	115.5	114.1	112.1	109.3
-70°	94.6	94.9	94.6	93.8	94.6	94.9	94.6	94.2	93.8	92.9	90.7
-72.5°	70.7	68.1	65.5	62.6	65.5	68.1	70.7	73.2	75.6	76.9	75.3
-75°	52.0	47.6	46.0	44.5	46.0	47.6	52.0	56.2	60.3	63.2	62.0
-77.5°	38.7	34.1	32.9	31.7	32.9	34.1	38.7	43.0	47.2	50.5	49.7
-80°	27.4	23.9	23.1	22.4	23.1	23.9	27.4	30.9	34.2	37.0	36.8
-82.5°	18.0	15.6	15.1	14.6	15.1	15.6	18.0	20.4	22.7	24.7	24.5
-85°	9.7	8.6	8.3	8.1	8.3	8.6	9.7	10.8	11.9	12.8	12.5
-87.5°	3.0	2.9	2.9	2.9	2.9	2.9	3.0	3.2	3.3	3.5	3.5
-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: P626602 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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	0.1	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3
82.5°	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3
80°	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3
77.5°	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3
75°	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3
72.5°	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3
70°	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3
67.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.3	0.3
65°	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3
62.5°	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.4	0.6
60°	0.9	0.5	1.0	1.1	0.9	0.9	1.5	1.4	0.5	1.9	2.4
57.5°	5.7	5.2	7.5	7.3	4.4	6.3	7.5	5.0	3.5	5.5	6.6
55°	24.9	24.3	23.7	22.3	20.4	19.1	18.8	18.8	14.9	10.8	12.2
52.5°	54.6	48.6	44.3	42.2	39.2	34.7	31.0	30.3	29.5	24.4	20.1
50°	70.1	69.0	64.4	57.2	56.6	52.1	45.7	41.4	40.8	37.3	30.9
47.5°	100.7	100.7	91.2	82.5	80.0	76.0	68.0	56.3	55.2	52.2	45.1
45°	163.1	151.8	146.5	129.8	111.6	104.6	98.0	83.9	72.3	67.7	62.7
42.5°	221.1	204.2	190.3	173.5	153.5	136.0	123.5	108.0	94.0	84.3	77.1
40°	275.2	248.0	228.7	207.7	185.9	164.2	148.7	129.2	113.3	100.3	92.7
37.5°	342.9	305.6	284.1	251.4	224.0	201.5	181.7	156.8	131.3	120.7	111.3
35°	442.6	398.3	373.3	333.4	278.0	258.2	232.3	195.1	162.8	144.7	133.0
32.5°	621.4	555.3	509.1	455.9	382.4	330.2	296.0	254.6	202.7	176.7	157.3
30°	803.1	713.7	649.0	594.9	497.3	420.3	367.4	308.8	253.0	210.7	184.4
27.5°	926.1	838.2	757.7	680.0	600.9	511.6	432.3	357.0	296.0	248.8	214.7
25°	1034.0	934.7	844.0	759.8	675.3	588.4	492.4	407.9	336.2	282.2	237.8
22.5°	1140.9	1035.2	932.5	834.5	748.8	655.9	554.4	457.2	374.8	318.8	265.5
20°	1262.0	1140.4	1021.8	929.1	831.6	725.6	612.7	520.0	439.3	362.6	295.8
17.5°	1435.4	1272.9	1163.9	1059.5	932.8	803.3	705.3	608.0	508.7	408.9	327.6
15°	1670.2	1502.3	1377.5	1234.5	1060.4	926.7	819.0	700.9	583.1	463.7	365.4
12.5°	1949.4	1745.7	1598.6	1395.1	1199.2	1054.5	932.7	800.5	655.9	513.2	400.6
10°	2125.1	1905.5	1696.1	1500.6	1321.9	1172.9	1019.9	858.5	697.6	550.5	431.1
7.5°	2218.5	1984.4	1768.3	1572.8	1390.4	1217.9	1055.0	892.5	731.2	579.7	456.8
5°	2280.5	2043.0	1817.3	1608.3	1421.8	1248.2	1081.2	915.4	756.4	601.2	477.8
2.5°	2326.3	2081.1	1848.7	1629.0	1439.3	1266.4	1097.9	928.9	769.6	612.8	485.2
0°	2348.9	2093.2	1860.2	1642.7	1447.4	1270.4	1104.3	933.8	772.6	617.7	488.2
-2.5°	2344.4	2085.5	1850.4	1642.2	1447.9	1266.7	1105.2	936.4	773.4	621.3	490.4
-5°	2320.3	2072.5	1839.2	1630.7	1439.4	1258.0	1096.5	930.6	767.3	618.4	488.3
-7.5°	2271.5	2033.5	1807.2	1604.3	1417.3	1239.9	1078.9	916.6	755.1	608.3	482.2
-10°	2198.0	1971.1	1755.8	1563.9	1381.7	1210.5	1052.8	892.9	734.8	591.8	471.7
-12.5°	2107.1	1892.8	1687.6	1508.9	1335.0	1171.5	1017.5	859.4	706.6	568.8	456.6
-15°	1995.9	1803.7	1618.1	1444.8	1280.4	1122.0	971.6	817.7	670.8	539.1	437.1
-17.5°	1883.3	1704.8	1530.7	1366.2	1213.8	1063.4	917.5	771.4	630.8	507.2	414.2
-20°	1757.9	1593.0	1431.9	1282.8	1140.7	997.8	857.2	716.7	585.0	477.3	393.9



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

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REPORT NUMBER: P626602 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	1621.7	1474.5	1328.7	1194.1	1061.1	924.2	789.7	657.0	532.0	443.7	371.0
-25°	1483.9	1350.1	1219.4	1095.6	970.9	841.7	717.3	596.2	492.9	412.1	346.2
-27.5°	1345.4	1224.3	1103.8	989.4	872.0	758.0	644.5	534.7	450.5	381.8	323.0
-30°	1208.6	1099.3	988.9	879.7	773.4	669.4	567.9	484.7	411.5	349.4	297.2
-32.5°	1067.7	972.6	872.0	769.6	673.1	581.3	504.2	434.1	370.9	319.6	274.2
-35°	930.7	843.1	750.6	662.6	577.3	508.5	443.1	385.8	335.2	289.9	251.3
-37.5°	790.7	711.7	635.2	561.5	500.5	442.3	390.7	343.9	300.2	264.1	230.8
-40°	658.9	590.1	535.1	480.9	432.5	386.0	345.2	305.0	271.3	239.6	210.9
-42.5°	546.0	497.7	453.6	412.6	373.0	338.6	304.2	272.9	243.5	216.9	193.1
-45°	454.7	420.2	384.3	354.2	323.6	296.2	268.7	243.0	218.2	196.5	175.4
-47.5°	382.4	356.8	329.7	305.5	282.6	259.2	237.8	215.5	196.4	177.0	159.4
-50°	323.4	304.4	284.6	265.1	247.1	228.0	210.2	192.7	175.9	159.8	143.8
-52.5°	274.8	261.1	246.4	230.9	216.6	201.6	186.1	172.1	157.5	143.4	129.4
-55°	236.2	225.3	214.2	202.5	190.5	178.3	165.6	153.0	140.4	127.5	117.0
-57.5°	204.6	195.4	186.6	177.3	167.5	157.1	146.3	135.0	124.8	115.0	105.4
-60°	176.9	169.1	162.1	154.6	146.6	137.6	128.8	119.9	111.0	102.6	94.4
-62.5°	151.8	146.3	140.0	133.6	127.2	120.6	112.7	104.9	97.4	90.1	83.3
-65°	127.6	122.9	117.9	113.4	108.3	102.6	95.9	89.8	83.9	77.9	72.3
-67.5°	106.1	102.4	98.5	94.4	90.3	85.8	80.9	75.8	71.1	66.2	62.0
-70°	88.3	85.7	82.6	79.0	75.3	71.6	67.8	63.8	59.6	55.2	51.8
-72.5°	73.6	71.6	69.2	66.2	63.0	59.7	56.4	52.8	49.0	45.0	41.7
-75°	60.7	59.3	57.5	54.8	52.0	48.9	46.0	42.8	39.1	34.9	31.6
-77.5°	48.8	47.9	46.7	44.5	42.3	40.1	37.5	33.7	30.0	26.4	24.0
-80°	36.6	36.2	35.5	33.6	31.8	29.9	27.8	24.9	22.2	19.7	17.7
-82.5°	24.1	23.7	23.1	22.0	20.9	19.9	18.8	16.8	14.9	13.1	11.5
-85°	12.2	11.9	11.5	11.3	11.1	10.8	10.5	9.4	8.3	7.3	6.4
-87.5°	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.3	3.1	2.8	2.5
-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: P626602 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
85°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
80°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
72.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
70°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
67.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.3
65°	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.5	0.5	0.4	0.3
62.5°	0.5	0.3	0.7	0.9	0.6	0.5	0.4	1.1	0.7	0.5	0.4
60°	1.2	1.0	1.8	2.8	2.0	0.8	1.1	1.9	1.7	0.7	0.5
57.5°	6.0	2.7	4.1	5.3	5.0	2.8	2.3	3.2	2.9	1.7	0.7
55°	12.5	10.6	8.4	8.4	8.5	6.7	4.8	4.9	4.4	3.1	1.0
52.5°	19.0	18.4	16.4	13.3	12.2	11.1	9.0	7.0	6.5	4.6	2.4
50°	27.0	25.6	24.0	20.9	16.9	15.4	13.3	10.7	8.8	6.4	4.0
47.5°	36.3	33.7	31.3	28.3	24.0	19.9	17.6	14.5	11.4	8.9	5.6
45°	50.7	42.3	39.1	35.6	31.2	26.0	22.1	18.3	14.8	11.3	7.3
42.5°	65.5	53.9	47.0	43.1	38.5	32.7	26.7	22.5	18.1	13.7	9.2
40°	80.4	66.0	55.7	50.8	46.0	39.4	32.6	26.8	21.4	16.3	11.3
37.5°	96.5	79.6	65.6	58.7	53.7	46.5	38.6	31.3	24.7	19.0	13.4
35°	116.5	95.7	76.4	67.9	61.2	53.8	44.5	36.1	28.7	21.8	15.4
32.5°	139.0	113.5	91.9	77.9	68.8	61.3	50.9	41.6	32.8	24.5	17.4
30°	161.4	131.7	106.6	87.9	76.8	68.2	57.6	47.1	37.0	27.3	19.5
27.5°	178.6	147.5	120.4	99.8	85.8	75.1	64.4	52.6	41.3	30.3	21.7
25°	196.0	162.1	133.7	111.4	94.6	82.2	70.8	58.1	45.8	33.7	23.9
22.5°	216.4	176.0	145.0	122.0	103.9	89.3	77.0	63.7	50.4	37.2	26.1
20°	236.4	188.8	155.3	134.3	114.0	97.4	83.0	69.0	54.9	40.5	28.1
17.5°	256.9	206.8	172.5	147.0	124.5	105.3	89.0	74.1	59.2	43.8	30.1
15°	287.7	230.9	189.9	159.6	134.7	113.1	94.9	78.8	63.4	47.0	31.8
12.5°	316.8	253.5	206.7	171.9	144.4	120.6	100.5	83.3	67.4	49.6	33.3
10°	342.5	274.5	222.8	183.7	153.6	127.8	106.0	86.8	69.8	51.7	34.6
7.5°	364.9	293.9	238.0	195.0	161.5	132.7	108.8	88.6	71.6	53.6	35.7
5°	382.0	307.0	246.4	199.5	164.5	134.9	110.7	90.1	73.0	55.1	36.7
2.5°	387.6	311.4	249.7	202.0	166.6	136.5	112.3	91.2	74.1	56.4	37.5
0°	390.2	313.5	251.4	203.5	167.9	137.5	113.3	92.0	74.9	57.4	38.2
-2.5°	393.1	316.4	253.8	205.8	169.3	138.8	114.4	93.2	76.0	58.5	39.3
-5°	392.8	316.9	254.5	206.9	169.8	139.6	115.1	94.1	76.7	59.4	40.2
-7.5°	388.7	314.5	253.6	206.7	169.5	139.6	115.2	94.6	77.2	59.9	41.0
-10°	381.3	309.4	250.7	204.8	168.4	139.0	115.0	94.8	77.4	60.2	41.5
-12.5°	370.8	302.1	246.1	201.7	166.4	137.7	114.1	94.3	77.3	60.1	41.8
-15°	357.4	292.8	239.7	197.5	163.5	135.8	112.8	93.4	76.6	59.7	41.9
-17.5°	341.1	281.4	231.6	192.1	159.7	133.2	110.9	92.1	75.7	58.9	41.8
-20°	326.0	269.4	222.3	185.5	155.1	130.0	108.6	90.5	74.6	57.9	41.6

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REPORT NUMBER: P626602 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	309.2	257.0	214.0	179.3	150.1	126.2	105.7	88.5	73.2	56.8	41.2
-25°	289.8	243.0	204.5	172.3	145.3	122.6	102.7	86.2	71.7	55.5	40.6
-27.5°	271.7	228.5	193.9	164.2	139.7	118.4	99.8	84.1	69.9	54.0	39.9
-30°	253.2	215.8	183.8	155.8	133.6	113.7	96.5	81.8	67.8	52.8	39.0
-32.5°	234.4	202.1	172.9	148.4	127.6	108.6	92.9	79.4	65.7	51.5	38.3
-35°	218.2	188.5	161.2	140.6	121.5	104.3	89.3	76.8	63.5	50.1	37.5
-37.5°	201.0	174.8	152.1	132.7	114.9	99.6	85.9	73.7	61.3	48.5	36.5
-40°	185.6	162.0	142.3	125.1	109.1	94.6	82.1	70.4	59.2	46.7	35.4
-42.5°	169.9	150.3	132.7	117.0	103.2	89.9	77.9	67.0	56.4	45.1	34.1
-45°	156.2	138.4	122.8	109.6	97.0	84.9	73.8	63.3	53.5	43.4	32.8
-47.5°	142.0	126.9	113.6	101.9	90.9	79.6	69.5	60.0	50.5	41.6	31.4
-50°	128.8	116.0	104.9	94.5	84.2	74.7	65.2	56.5	47.8	39.1	29.8
-52.5°	117.0	106.3	96.5	87.0	78.1	69.5	61.4	53.0	44.9	36.7	28.1
-55°	106.5	97.1	88.3	80.0	72.1	65.0	57.4	49.7	41.9	34.2	26.3
-57.5°	96.6	88.1	80.6	73.2	66.4	60.3	53.6	46.3	38.9	31.6	24.7
-60°	86.6	79.7	73.0	66.8	61.0	55.4	49.7	42.8	35.8	28.8	22.7
-62.5°	77.0	71.2	66.1	60.6	55.3	50.4	45.8	39.1	32.5	26.2	20.5
-65°	67.5	63.1	59.0	53.9	49.2	45.1	41.3	35.3	29.1	23.3	18.3
-67.5°	58.2	54.6	50.9	46.7	43.3	39.9	36.6	31.2	25.5	20.3	16.0
-70°	48.8	45.7	43.1	40.4	37.6	34.6	31.3	26.6	21.7	17.5	13.6
-72.5°	39.5	37.6	36.1	34.2	31.8	29.0	25.9	22.1	18.2	14.6	11.1
-75°	30.4	30.1	29.6	28.4	26.1	23.5	20.9	18.0	14.7	11.5	9.1
-77.5°	24.0	23.8	23.5	22.7	20.6	18.5	16.3	13.9	11.3	9.2	7.1
-80°	17.8	17.8	17.6	17.1	15.3	13.5	12.0	10.4	8.6	6.8	5.1
-82.5°	11.7	11.9	11.9	11.8	10.6	9.5	8.3	7.2	5.8	4.4	3.4
-85°	6.7	6.8	6.8	6.8	6.1	5.3	4.9	4.4	3.6	2.9	2.3
-87.5°	2.8	2.9	3.1	3.2	2.9	2.7	2.4	2.2	1.8	1.5	1.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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Scaled Data Report



REPORT NUMBER: P626602 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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	0.0	0.0	0.0	0.0
85°	0.2	0.1	0.1	0.1	0.1	0.0	0.0
82.5°	0.2	0.2	0.2	0.1	0.1	0.0	0.0
80°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
77.5°	0.3	0.3	0.3	0.2	0.1	0.1	0.0
75°	0.3	0.3	0.3	0.2	0.2	0.1	0.0
72.5°	0.3	0.3	0.3	0.3	0.2	0.1	0.0
70°	0.3	0.3	0.3	0.3	0.2	0.1	0.0
67.5°	0.3	0.3	0.3	0.3	0.2	0.1	0.0
65°	0.3	0.3	0.3	0.3	0.3	0.1	0.0
62.5°	0.4	0.4	0.3	0.3	0.3	0.1	0.0
60°	0.4	0.4	0.3	0.3	0.3	0.1	0.0
57.5°	0.7	0.5	0.4	0.3	0.3	0.2	0.0
55°	1.1	0.6	0.4	0.3	0.3	0.2	0.0
52.5°	1.5	0.7	0.5	0.3	0.3	0.2	0.0
50°	2.0	1.2	0.6	0.3	0.3	0.2	0.0
47.5°	2.7	1.7	0.7	0.3	0.3	0.2	0.0
45°	4.1	2.2	0.8	0.4	0.3	0.2	0.0
42.5°	5.4	2.7	0.8	0.4	0.3	0.2	0.0
40°	6.8	3.3	1.1	0.5	0.3	0.2	0.0
37.5°	8.2	3.9	1.6	0.6	0.3	0.2	0.0
35°	9.6	4.8	2.0	0.8	0.4	0.2	0.0
32.5°	11.0	5.9	2.5	0.9	0.4	0.3	0.0
30°	12.7	6.9	2.9	1.0	0.4	0.3	0.0
27.5°	14.2	8.0	3.5	1.2	0.4	0.3	0.0
25°	15.8	8.9	4.0	1.3	0.4	0.3	0.0
22.5°	17.2	9.9	4.5	1.5	0.4	0.3	0.0
20°	18.6	10.8	5.0	1.6	0.4	0.3	0.0
17.5°	19.9	11.7	5.5	1.8	0.4	0.3	0.0
15°	21.1	12.5	5.9	2.0	0.4	0.3	0.0
12.5°	22.2	13.3	6.4	2.1	0.4	0.3	0.0
10°	23.2	14.0	6.8	2.3	0.5	0.3	0.0
7.5°	24.0	14.6	7.2	2.5	0.5	0.3	0.0
5°	24.8	15.2	7.5	2.6	0.5	0.3	0.0
2.5°	25.5	15.7	7.8	2.8	0.5	0.3	0.0
0°	26.0	16.1	8.1	2.9	0.5	0.3	0.0
-2.5°	26.7	16.6	8.5	3.1	0.6	0.3	0.0
-5°	27.3	17.0	8.8	3.2	0.7	0.3	0.0
-7.5°	27.7	17.4	9.1	3.4	0.7	0.3	0.0
-10°	28.1	17.7	9.3	3.5	0.8	0.4	0.0
-12.5°	28.3	17.8	9.5	3.6	0.9	0.4	0.0
-15°	28.3	17.9	9.6	3.7	0.9	0.4	0.0
-17.5°	28.3	17.9	9.6	3.8	1.0	0.4	0.0
-20°	28.2	17.8	9.6	3.8	1.0	0.4	0.0

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CATALOG NUMBER: GFLD-SA1B-727-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	28.2	17.6	9.5	3.8	1.1	0.4	0.0
-25°	28.1	17.6	9.4	3.8	1.1	0.4	0.0
-27.5°	27.8	17.5	9.1	3.8	1.2	0.4	0.0
-30°	27.4	17.3	8.9	3.7	1.2	0.4	0.0
-32.5°	26.9	17.0	8.8	3.7	1.2	0.4	0.0
-35°	26.3	16.6	8.6	3.5	1.2	0.4	0.0
-37.5°	25.7	16.1	8.3	3.4	1.2	0.4	0.0
-40°	25.0	15.7	8.0	3.2	1.2	0.4	0.0
-42.5°	24.1	15.3	7.7	3.1	1.2	0.4	0.0
-45°	23.1	14.7	7.6	3.0	1.2	0.4	0.0
-47.5°	21.9	14.0	7.4	2.8	1.2	0.4	0.0
-50°	20.9	13.2	7.1	2.7	1.1	0.4	0.0
-52.5°	19.8	12.3	6.7	2.7	1.1	0.4	0.0
-55°	18.6	11.6	6.2	2.6	1.0	0.3	0.0
-57.5°	17.2	10.8	5.7	2.5	1.0	0.3	0.0
-60°	15.8	9.9	5.1	2.4	0.9	0.3	0.0
-62.5°	14.4	8.9	4.7	2.2	0.8	0.3	0.0
-65°	12.9	7.8	4.3	2.0	0.8	0.3	0.0
-67.5°	11.3	6.8	3.9	1.8	0.7	0.2	0.0
-70°	9.5	6.0	3.4	1.5	0.7	0.2	0.0
-72.5°	8.1	5.1	2.8	1.4	0.6	0.2	0.0
-75°	6.6	4.1	2.2	1.2	0.5	0.2	0.0
-77.5°	5.1	3.1	1.8	1.0	0.4	0.1	0.0
-80°	3.5	2.4	1.5	0.8	0.3	0.1	0.0
-82.5°	2.6	1.8	1.1	0.6	0.3	0.1	0.0
-85°	1.8	1.2	0.8	0.4	0.2	0.1	0.0
-87.5°	0.9	0.6	0.4	0.2	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)