

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: P626612 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-730-U-WR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626612 (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-730-U-WR-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR  
Light Source: (16) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

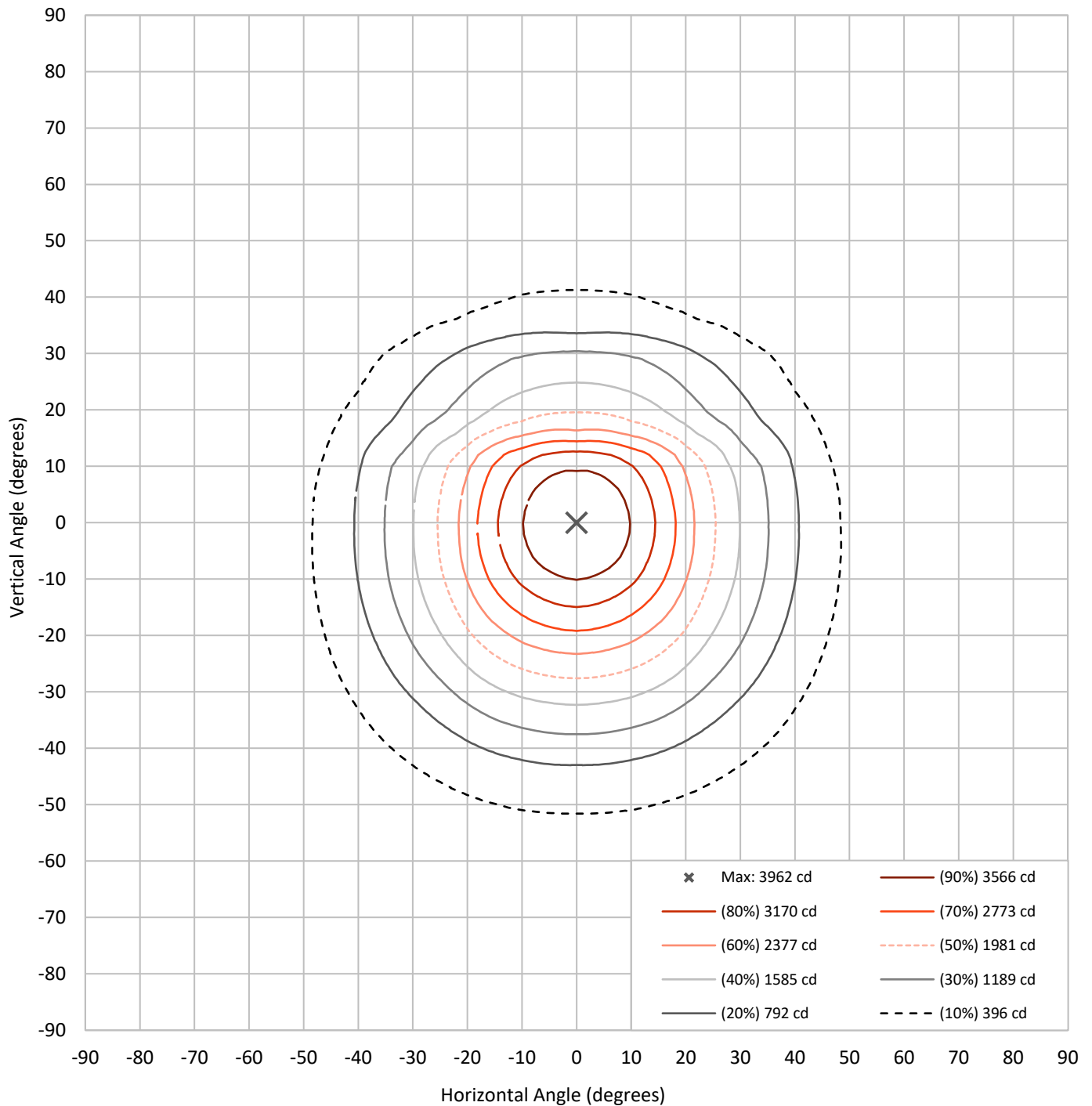
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	3495.3 lumens	Max Intensity:	3962 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	104.3 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	1682.8 lumens	Field Lumens:	3129.5 lumens
Beam Efficiency:	48.1%	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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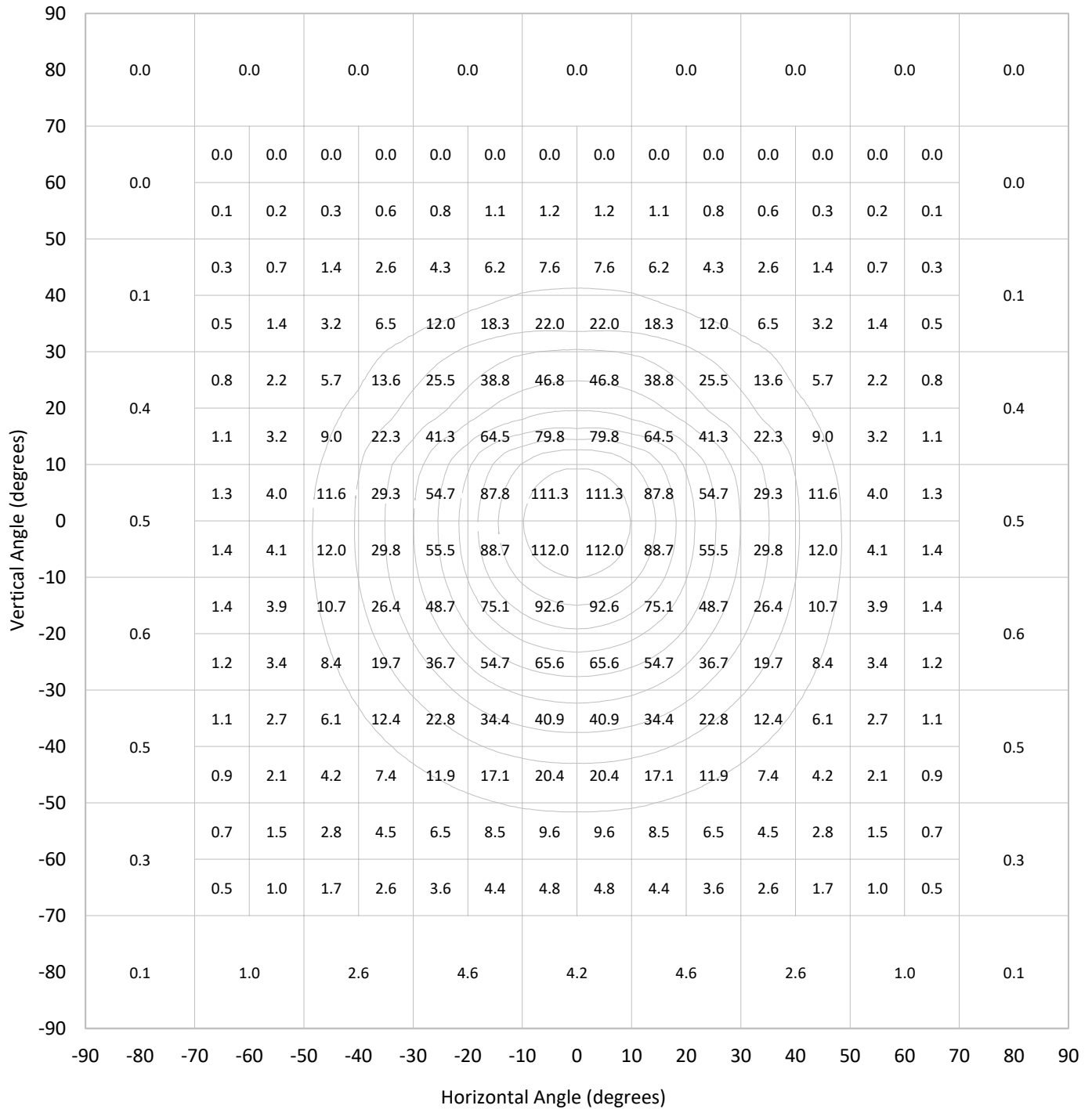
### Iso-Candela Plot





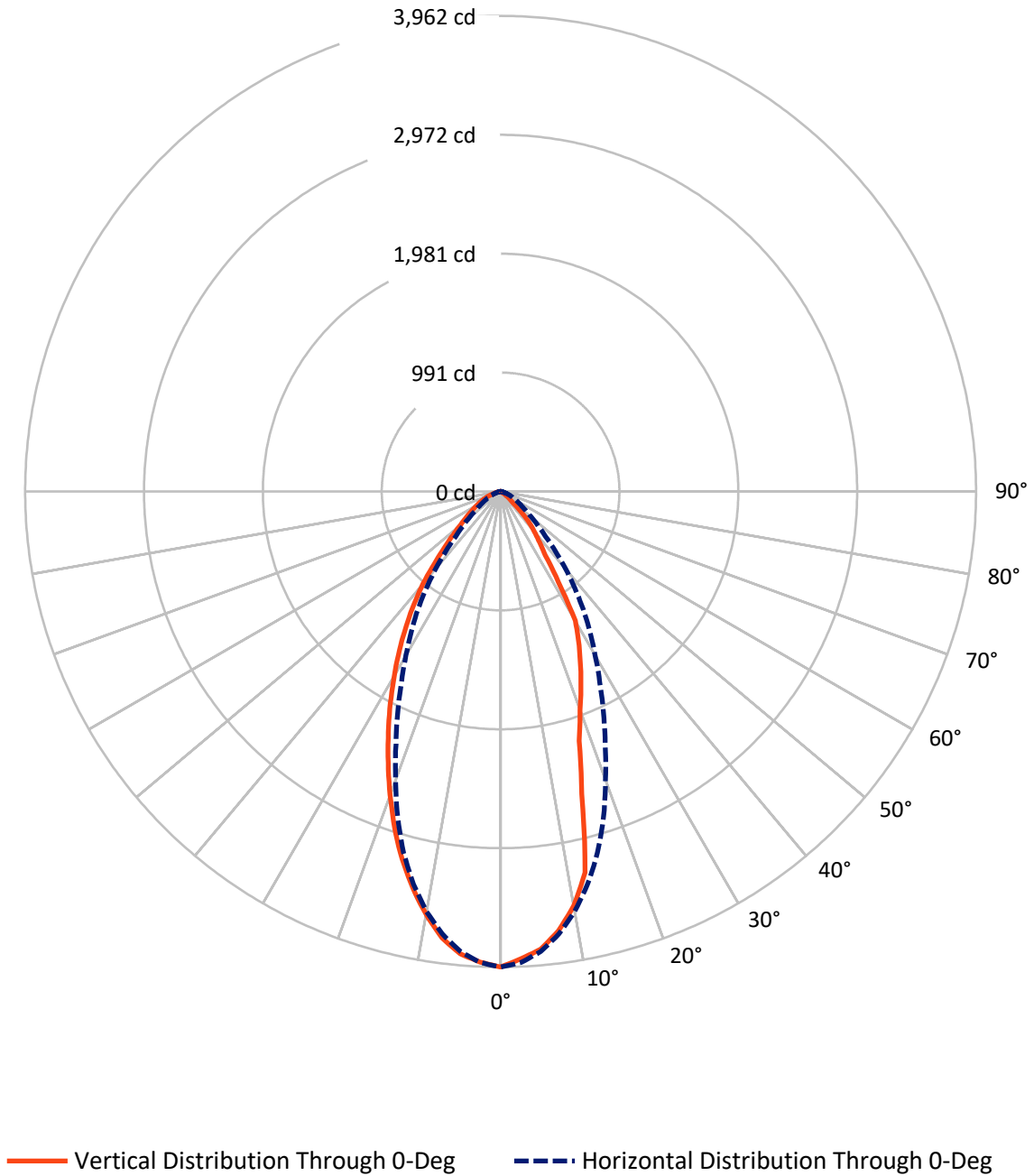
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### Lumen Table



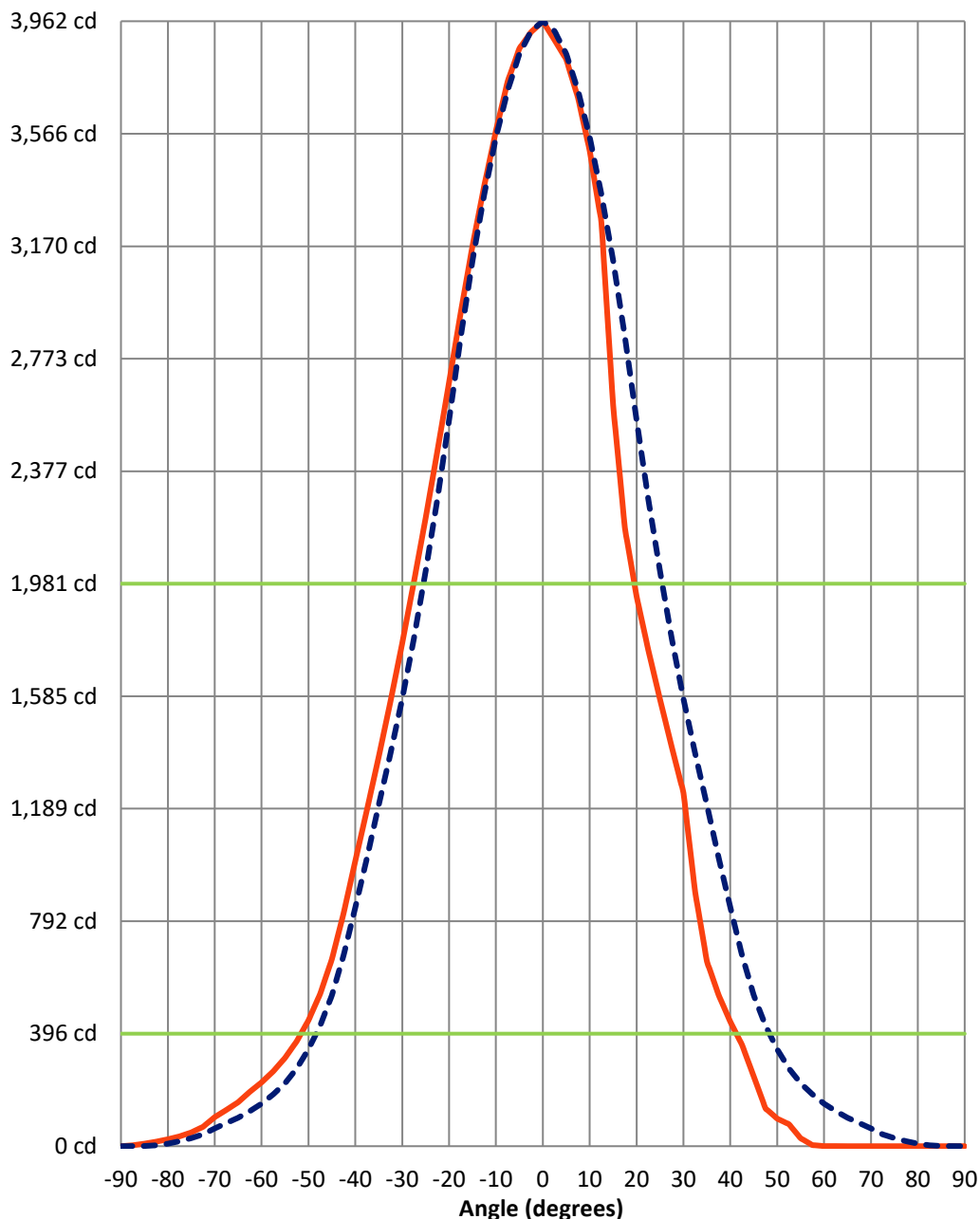
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 50.9°  
 V Angle: 47.1°  
 Lumens: 1682.8  
 Efficiency: 48.1%

**Field:**  
 H Angle: 96.7°  
 V Angle: 92.9°  
 Lumens: 3129.5  
 Efficiency: 89.5%

**Spill:**  
 Lumens: 365.8  
 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	0.4	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	1.2
60°	0.0	0.1	0.3	0.3	0.3	0.5	0.5	0.5	0.7	1.9	2.0
57.5°	0.0	0.2	0.3	0.3	0.4	0.5	0.8	0.7	1.8	3.2	3.5
55°	0.0	0.2	0.3	0.3	0.5	0.6	1.2	1.0	3.4	4.8	5.4
52.5°	0.0	0.2	0.3	0.3	0.5	0.8	1.6	2.6	5.1	7.1	7.6
50°	0.0	0.2	0.3	0.3	0.6	1.3	2.1	4.4	7.1	9.6	11.6
47.5°	0.0	0.2	0.3	0.3	0.7	1.8	2.9	6.2	9.7	12.4	15.8
45°	0.0	0.2	0.3	0.4	0.8	2.3	4.4	7.9	12.4	16.1	19.9
42.5°	0.0	0.2	0.3	0.5	0.9	2.9	5.9	10.0	15.0	19.7	24.4
40°	0.0	0.2	0.4	0.6	1.2	3.6	7.5	12.3	17.7	23.3	29.2
37.5°	0.0	0.2	0.4	0.7	1.7	4.2	9.0	14.6	20.7	26.9	34.0
35°	0.0	0.2	0.4	0.8	2.2	5.3	10.5	16.8	23.7	31.2	39.3
32.5°	0.0	0.3	0.4	1.0	2.7	6.4	12.1	19.0	26.6	35.7	45.2
30°	0.0	0.3	0.4	1.1	3.2	7.6	13.8	21.2	29.6	40.2	51.2
27.5°	0.0	0.3	0.4	1.3	3.8	8.7	15.5	23.6	32.9	44.9	57.2
25°	0.0	0.3	0.4	1.4	4.4	9.8	17.2	26.0	36.7	49.8	63.3
22.5°	0.0	0.3	0.5	1.6	4.9	10.8	18.8	28.3	40.4	54.8	69.3
20°	0.0	0.3	0.5	1.8	5.5	11.8	20.3	30.5	44.1	59.7	75.1
17.5°	0.0	0.3	0.5	2.0	6.0	12.8	21.7	32.7	47.7	64.4	80.7
15°	0.0	0.3	0.5	2.1	6.5	13.7	22.9	34.6	51.1	69.0	85.8
12.5°	0.0	0.3	0.5	2.3	6.9	14.5	24.1	36.2	54.0	73.4	90.7
10°	0.0	0.3	0.5	2.5	7.4	15.3	25.2	37.6	56.3	76.0	94.5
7.5°	0.0	0.3	0.6	2.7	7.8	15.9	26.1	38.9	58.3	77.9	96.5
5°	0.0	0.3	0.6	2.8	8.2	16.5	27.0	40.0	60.0	79.5	98.1
2.5°	0.0	0.3	0.6	3.0	8.5	17.1	27.7	40.9	61.4	80.7	99.4
0°	0.0	0.3	0.6	3.1	8.8	17.5	28.3	41.6	62.5	81.5	100.2
-2.5°	0.0	0.3	0.7	3.3	9.2	18.1	29.1	42.8	63.7	82.7	101.5
-5°	0.0	0.3	0.8	3.5	9.6	18.5	29.7	43.8	64.6	83.5	102.5
-7.5°	0.0	0.3	0.8	3.6	9.9	18.9	30.2	44.6	65.2	84.0	103.0
-10°	0.0	0.4	0.9	3.8	10.1	19.2	30.6	45.1	65.5	84.3	103.2
-12.5°	0.0	0.4	1.0	3.9	10.3	19.4	30.8	45.5	65.4	84.1	102.7
-15°	0.0	0.4	1.1	4.0	10.4	19.5	30.8	45.5	64.9	83.4	101.7
-17.5°	0.0	0.4	1.1	4.1	10.5	19.5	30.7	45.4	64.1	82.4	100.3
-20°	0.0	0.4	1.2	4.1	10.4	19.4	30.6	45.2	63.0	81.2	98.6

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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	0.4	1.2	4.2	10.4	19.2	30.7	44.8	61.8	79.7	96.4
-25°	0.0	0.4	1.3	4.2	10.2	19.1	30.5	44.2	60.4	78.0	93.9
-27.5°	0.0	0.4	1.3	4.1	9.9	19.0	30.2	43.4	58.8	76.1	91.6
-30°	0.0	0.4	1.3	4.1	9.7	18.8	29.8	42.5	57.4	73.8	89.1
-32.5°	0.0	0.4	1.3	4.0	9.5	18.5	29.2	41.7	56.0	71.5	86.5
-35°	0.0	0.4	1.4	3.9	9.3	18.0	28.6	40.8	54.5	69.2	83.6
-37.5°	0.0	0.4	1.4	3.7	9.0	17.6	28.0	39.7	52.8	66.7	80.3
-40°	0.0	0.4	1.4	3.5	8.7	17.1	27.2	38.5	50.8	64.4	76.7
-42.5°	0.0	0.4	1.3	3.4	8.4	16.6	26.2	37.1	49.1	61.4	72.9
-45°	0.0	0.4	1.3	3.2	8.3	15.9	25.1	35.6	47.3	58.3	69.0
-47.5°	0.0	0.4	1.3	3.0	8.0	15.2	23.8	34.1	45.2	55.0	65.3
-50°	0.0	0.4	1.2	3.0	7.7	14.3	22.7	32.5	42.5	52.0	61.5
-52.5°	0.0	0.4	1.2	3.0	7.2	13.4	21.5	30.6	39.9	48.8	57.7
-55°	0.0	0.4	1.1	2.9	6.7	12.6	20.2	28.6	37.2	45.6	54.1
-57.5°	0.0	0.3	1.1	2.8	6.2	11.7	18.7	26.8	34.3	42.3	50.4
-60°	0.0	0.3	1.0	2.6	5.5	10.8	17.2	24.7	31.4	38.9	46.5
-62.5°	0.0	0.3	0.9	2.4	5.1	9.7	15.7	22.3	28.5	35.4	42.6
-65°	0.0	0.3	0.9	2.2	4.7	8.5	14.1	19.9	25.4	31.7	38.5
-67.5°	0.0	0.3	0.8	2.0	4.2	7.4	12.3	17.4	22.1	27.7	33.9
-70°	0.0	0.2	0.7	1.7	3.7	6.5	10.4	14.8	19.0	23.6	29.0
-72.5°	0.0	0.2	0.6	1.5	3.1	5.5	8.8	12.1	15.8	19.8	24.1
-75°	0.0	0.2	0.6	1.3	2.4	4.5	7.2	9.9	12.6	16.0	19.6
-77.5°	0.0	0.1	0.5	1.1	2.0	3.4	5.6	7.8	10.0	12.3	15.0
-80°	0.0	0.1	0.4	0.9	1.6	2.6	3.9	5.6	7.4	9.3	11.3
-82.5°	0.0	0.1	0.3	0.7	1.2	2.0	2.8	3.8	4.8	6.3	7.9
-85°	0.0	0.1	0.2	0.5	0.8	1.3	1.9	2.5	3.2	4.0	4.8
-87.5°	0.0	0.0	0.1	0.2	0.4	0.7	1.0	1.3	1.6	2.0	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





REPORT NUMBER: P626612 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-730-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	1.0	0.8	0.3	0.6	0.7	0.5	0.4	0.4
60°	1.2	0.8	2.2	3.0	2.0	1.1	1.3	2.6	2.1	0.6	1.5
57.5°	2.5	3.1	5.5	5.8	4.4	3.0	6.6	7.3	6.0	3.8	5.5
55°	5.2	7.3	9.3	9.2	9.2	11.6	13.6	13.4	11.8	16.2	20.4
52.5°	9.9	12.1	13.4	14.5	17.8	20.0	20.7	21.9	26.5	32.0	33.0
50°	14.5	16.8	18.4	22.7	26.1	27.8	29.5	33.7	40.7	44.5	45.1
47.5°	19.2	21.7	26.1	30.8	34.1	36.7	39.5	49.1	56.9	60.1	61.3
45°	24.0	28.4	33.9	38.7	42.5	46.1	55.2	68.3	73.8	78.7	91.3
42.5°	29.0	35.6	41.9	46.9	51.2	58.6	71.3	84.0	91.9	102.4	117.6
40°	35.5	42.9	50.1	55.2	60.6	71.9	87.5	101.0	109.3	123.4	140.7
37.5°	42.0	50.6	58.4	63.9	71.4	86.6	105.1	121.2	131.4	142.9	170.7
35°	48.5	58.6	66.6	73.9	83.2	104.1	126.9	144.8	157.5	177.1	212.3
32.5°	55.4	66.6	74.9	84.8	100.0	123.5	151.4	171.3	192.4	220.6	277.0
30°	62.7	74.2	83.7	95.6	116.0	143.4	175.8	200.8	229.4	275.4	336.2
27.5°	70.1	81.8	93.4	108.6	131.0	160.6	194.4	233.8	270.8	322.2	388.7
25°	77.1	89.5	103.0	121.3	145.6	176.5	213.4	258.9	307.2	366.0	444.0
22.5°	83.8	97.3	113.1	132.8	157.8	191.6	235.6	289.0	347.1	408.0	497.7
20°	90.4	106.0	124.2	146.2	169.2	205.5	257.4	322.0	394.8	478.2	566.1
17.5°	96.9	114.6	135.6	160.1	187.9	225.1	279.6	356.6	445.2	553.8	662.0
15°	103.3	123.1	146.6	173.8	206.7	251.3	313.2	397.8	504.8	634.8	763.0
12.5°	109.5	131.3	157.2	187.2	225.0	275.9	344.9	436.1	558.7	714.0	871.5
10°	115.4	139.2	167.2	200.1	242.6	298.8	372.8	469.3	599.3	759.4	934.6
7.5°	118.4	144.5	175.8	212.4	259.1	319.9	397.1	497.3	631.1	796.0	971.6
5°	120.6	146.9	179.0	217.3	268.2	334.2	415.8	520.2	654.5	823.5	996.7
2.5°	122.3	148.6	181.4	220.0	271.8	339.0	421.9	528.2	667.1	837.8	1011.2
0°	123.4	149.7	182.8	221.6	273.7	341.3	424.8	531.5	672.4	841.1	1016.5
-2.5°	124.6	151.2	184.3	224.1	276.3	344.5	427.9	533.8	676.4	842.0	1019.4
-5°	125.3	151.9	184.9	225.3	277.1	345.1	427.7	531.6	673.2	835.3	1013.2
-7.5°	125.5	152.0	184.6	225.0	276.0	342.4	423.2	525.0	662.3	822.0	997.8
-10°	125.1	151.3	183.4	223.0	272.9	336.8	415.1	513.5	644.2	799.9	972.0
-12.5°	124.2	149.9	181.2	219.6	267.9	328.9	403.7	497.1	619.2	769.3	935.6
-15°	122.8	147.8	178.0	215.0	261.0	318.7	389.1	475.8	586.9	730.2	890.2
-17.5°	120.8	145.0	173.9	209.1	252.2	306.4	371.4	450.9	552.1	686.7	839.8
-20°	118.2	141.6	168.8	202.0	242.0	293.3	355.0	428.8	519.6	636.8	780.2

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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°	115.1	137.4	163.4	195.2	233.0	279.8	336.6	403.8	483.1	579.2	715.2
-25°	111.8	133.4	158.2	187.5	222.7	264.5	315.6	376.8	448.6	536.6	649.1
-27.5°	108.7	128.9	152.1	178.7	211.2	248.7	295.8	351.7	415.6	490.5	582.1
-30°	105.1	123.8	145.4	169.5	200.1	235.0	275.7	323.5	380.4	448.0	527.6
-32.5°	101.2	118.3	138.9	161.6	188.2	220.0	255.2	298.5	347.9	403.7	472.6
-35°	97.3	113.6	132.3	153.0	175.5	205.3	237.6	273.5	315.5	364.9	420.0
-37.5°	93.6	108.5	125.2	144.5	165.6	190.3	218.9	251.3	287.5	326.7	374.3
-40°	89.4	103.0	118.8	136.3	154.9	176.3	202.1	229.6	260.8	295.4	332.0
-42.5°	84.8	97.9	112.3	127.4	144.5	163.6	185.0	210.2	236.1	265.1	297.1
-45°	80.4	92.4	105.5	119.3	133.8	150.6	170.0	190.9	214.0	237.6	264.5
-47.5°	75.7	86.7	98.9	110.9	123.7	138.1	154.6	173.5	192.7	213.8	234.7
-50°	71.0	81.3	91.6	102.8	114.3	126.3	140.2	156.5	174.0	191.5	209.9
-52.5°	66.8	75.7	85.0	94.6	105.1	115.8	127.4	140.9	156.1	171.5	187.3
-55°	62.5	70.7	78.4	87.0	96.0	105.7	116.0	127.4	138.9	152.9	166.5
-57.5°	58.3	65.6	72.3	79.7	87.7	95.8	105.2	114.8	125.3	135.9	147.0
-60°	54.1	60.3	66.4	72.8	79.5	86.7	94.2	102.7	111.7	120.9	130.6
-62.5°	49.8	54.8	60.2	66.0	71.9	77.5	83.8	90.7	98.1	106.0	114.2
-65°	45.0	49.1	53.6	58.6	64.2	68.7	73.5	78.8	84.8	91.3	97.8
-67.5°	39.8	43.5	47.1	50.8	55.4	59.4	63.4	67.5	72.1	77.4	82.6
-70°	34.0	37.7	40.9	44.0	46.9	49.7	53.1	56.4	60.1	64.9	69.5
-72.5°	28.2	31.6	34.7	37.3	39.3	41.0	43.1	45.4	49.0	53.4	57.5
-75°	22.8	25.5	28.4	30.9	32.2	32.8	33.2	34.4	38.0	42.5	46.6
-77.5°	17.7	20.1	22.5	24.7	25.6	26.0	26.1	26.1	28.8	32.6	36.7
-80°	13.0	14.7	16.7	18.6	19.2	19.3	19.4	19.3	21.4	24.2	27.2
-82.5°	9.1	10.3	11.5	12.8	13.0	12.9	12.7	12.5	14.3	16.3	18.4
-85°	5.3	5.8	6.5	7.3	7.4	7.4	7.3	7.0	8.0	9.1	10.3
-87.5°	2.7	2.9	3.1	3.4	3.3	3.2	3.0	2.8	3.1	3.4	3.6
-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: P626612 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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°	1.6	0.9	0.9	1.2	1.0	0.5	0.9	1.2	1.1	0.8	0.7
57.5°	8.1	6.8	4.7	8.0	8.2	5.8	6.2	8.1	7.9	6.1	6.0
55°	20.5	20.8	22.3	24.3	25.8	26.5	27.1	30.2	33.4	36.6	38.2
52.5°	33.8	37.8	42.7	45.9	48.2	52.9	59.4	62.4	65.3	68.6	71.0
50°	49.8	56.6	61.6	62.3	70.0	75.1	76.3	81.9	88.0	91.8	94.6
47.5°	74.1	82.8	87.1	89.8	99.2	109.6	109.6	112.9	128.2	136.2	140.0
45°	106.7	114.0	121.6	141.3	159.5	165.3	177.6	194.3	205.2	220.1	236.6
42.5°	134.5	148.1	167.1	188.9	207.1	222.3	240.6	260.7	284.9	307.6	327.2
40°	161.9	178.8	202.4	226.1	249.1	270.1	299.6	325.5	354.0	385.2	411.2
37.5°	197.8	219.4	243.8	273.7	309.4	332.7	373.3	410.5	442.6	480.3	503.6
35°	252.9	281.0	302.6	363.0	406.4	433.7	481.8	542.9	566.4	613.9	636.4
32.5°	322.1	359.5	416.4	496.3	554.3	604.5	676.5	738.5	791.2	838.9	888.6
30°	399.9	457.6	541.4	647.6	706.6	776.9	874.3	947.7	1030.5	1121.4	1153.2
27.5°	470.6	556.9	654.2	740.3	824.9	912.5	1008.2	1102.5	1192.1	1267.7	1318.5
25°	536.1	640.6	735.2	827.1	918.8	1017.5	1125.7	1232.7	1331.3	1409.1	1468.3
22.5°	603.6	714.0	815.2	908.4	1015.1	1127.0	1242.0	1364.7	1477.0	1557.7	1622.2
20°	667.1	789.9	905.3	1011.5	1112.3	1241.4	1373.9	1504.1	1626.3	1722.5	1796.8
17.5°	767.8	874.4	1015.5	1153.4	1267.0	1385.7	1562.6	1697.0	1832.6	1947.8	2026.6
15°	891.5	1008.8	1154.4	1343.9	1499.6	1635.5	1818.3	2036.9	2196.9	2344.0	2444.8
12.5°	1015.4	1148.0	1305.5	1518.7	1740.4	1900.5	2122.3	2399.3	2585.6	2813.3	2925.5
10°	1110.3	1276.9	1439.0	1633.6	1846.5	2074.5	2313.6	2572.7	2821.7	3017.2	3191.9
7.5°	1148.5	1325.9	1513.7	1712.3	1925.1	2160.3	2415.2	2684.8	2941.1	3159.4	3351.4
5°	1177.1	1358.9	1547.9	1750.9	1978.4	2224.1	2482.7	2765.8	3027.5	3261.5	3458.0
2.5°	1195.2	1378.7	1566.9	1773.4	2012.6	2265.6	2532.5	2823.2	3088.8	3329.7	3525.5
0°	1202.2	1383.0	1575.7	1788.3	2025.1	2278.7	2557.2	2851.2	3118.9	3351.8	3553.3
-2.5°	1203.1	1379.0	1576.3	1787.8	2014.4	2270.4	2552.2	2843.8	3106.1	3338.1	3541.3
-5°	1193.7	1369.5	1567.0	1775.3	2002.2	2256.2	2526.0	2807.8	3057.9	3283.7	3479.4
-7.5°	1174.5	1349.9	1543.0	1746.5	1967.3	2213.7	2472.8	2734.7	2980.1	3196.6	3383.4
-10°	1146.1	1317.8	1504.2	1702.5	1911.4	2145.8	2392.9	2643.1	2873.2	3073.5	3246.2
-12.5°	1107.6	1275.3	1453.4	1642.6	1837.1	2060.6	2293.9	2528.9	2738.6	2921.4	3076.4
-15°	1057.7	1221.4	1393.8	1572.9	1761.5	1963.6	2172.9	2388.5	2581.9	2744.0	2885.6
-17.5°	998.8	1157.6	1321.4	1487.3	1666.3	1855.9	2050.2	2243.7	2408.7	2552.8	2682.2
-20°	933.3	1086.2	1241.8	1396.5	1558.9	1734.2	1913.7	2083.7	2227.8	2358.7	2477.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626612 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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°	859.7	1006.2	1155.2	1300.0	1446.4	1605.2	1765.5	1919.2	2054.0	2166.0	2268.9
-25°	780.9	916.3	1057.0	1192.8	1327.6	1469.8	1615.4	1756.8	1875.5	1972.7	2057.8
-27.5°	701.6	825.3	949.3	1077.1	1201.7	1333.0	1464.7	1586.9	1693.5	1783.0	1854.4
-30°	618.2	728.7	842.0	957.6	1076.6	1196.7	1315.8	1422.8	1515.8	1594.5	1656.3
-32.5°	548.9	632.8	732.8	837.8	949.3	1058.8	1162.4	1259.9	1347.5	1416.3	1468.6
-35°	482.4	553.5	628.4	721.3	817.1	917.9	1013.2	1100.2	1178.3	1238.3	1287.6
-37.5°	425.3	481.5	544.9	611.2	691.5	774.8	860.8	942.7	1012.4	1064.7	1108.7
-40°	375.8	420.3	470.9	523.5	582.6	642.4	717.3	786.3	843.2	892.2	932.1
-42.5°	331.1	368.6	406.0	449.2	493.8	541.8	594.4	645.4	689.1	730.1	763.9
-45°	292.6	322.5	352.3	385.6	418.4	457.5	495.0	528.5	563.9	594.6	618.7
-47.5°	258.9	282.2	307.7	332.7	359.0	388.4	416.3	441.8	467.8	490.2	508.2
-50°	228.9	248.3	269.1	288.6	309.9	331.4	352.1	372.4	392.1	409.2	422.5
-52.5°	202.7	219.6	235.8	251.4	268.3	284.2	299.2	315.9	331.3	344.8	353.8
-55°	180.3	194.1	207.4	220.5	233.2	245.3	257.2	270.2	282.1	292.8	299.5
-57.5°	159.3	171.0	182.3	192.9	203.1	212.7	222.8	232.7	241.9	250.0	255.2
-60°	140.2	149.8	159.6	168.2	176.4	184.1	192.5	200.5	207.9	214.1	217.8
-62.5°	122.7	131.3	138.5	145.4	152.4	159.3	165.3	171.2	176.9	181.7	184.8
-65°	104.4	111.7	117.9	123.4	128.4	133.7	138.8	143.5	147.6	150.7	152.7
-67.5°	88.1	93.5	98.4	102.7	107.2	111.5	115.4	118.9	122.0	124.2	125.6
-70°	73.9	78.0	82.0	86.0	89.9	93.3	96.1	98.8	101.1	102.1	102.6
-72.5°	61.4	65.0	68.5	72.0	75.3	77.9	80.1	82.0	83.7	82.2	79.6
-75°	50.1	53.3	56.6	59.7	62.6	64.6	66.1	67.6	68.9	65.7	61.2
-77.5°	40.8	43.6	46.1	48.5	50.9	52.1	53.1	54.1	55.0	51.4	46.9
-80°	30.3	32.5	34.6	36.6	38.6	39.4	39.8	40.2	40.3	37.2	33.6
-82.5°	20.5	21.6	22.8	23.9	25.1	25.8	26.3	26.6	26.9	24.7	22.3
-85°	11.5	11.8	12.1	12.3	12.5	12.9	13.3	13.6	14.0	12.9	11.8
-87.5°	3.9	3.9	3.9	3.9	3.8	3.8	3.9	3.9	3.9	3.7	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: P626612 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-730-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°	0.6	0.4	0.3	0.3	0.3	0.4	0.6	0.7	0.8	1.1	1.2
57.5°	5.6	4.9	4.4	4.0	4.4	4.9	5.6	6.0	6.1	7.9	8.1
55°	37.5	34.9	31.7	28.0	31.7	34.9	37.5	38.2	36.6	33.4	30.2
52.5°	73.5	76.0	77.4	77.3	77.4	76.0	73.5	71.0	68.6	65.3	62.4
50°	96.8	98.1	98.2	97.1	98.2	98.1	96.8	94.6	91.8	88.0	81.9
47.5°	141.8	139.9	136.7	133.3	136.7	139.9	141.8	140.0	136.2	128.2	112.9
45°	247.4	253.4	253.0	245.4	253.0	253.4	247.4	236.6	220.1	205.2	194.3
42.5°	338.1	347.0	353.3	356.6	353.3	347.0	338.1	327.2	307.6	284.9	260.7
40°	425.9	434.5	438.3	438.1	438.3	434.5	425.9	411.2	385.2	354.0	325.5
37.5°	518.6	529.8	535.2	532.6	535.2	529.8	518.6	503.6	480.3	442.6	410.5
35°	646.1	656.5	656.7	651.5	656.7	656.5	646.1	636.4	613.9	566.4	542.9
32.5°	928.0	931.5	904.7	895.1	904.7	931.5	928.0	888.6	838.9	791.2	738.5
30°	1184.9	1209.7	1232.7	1244.3	1232.7	1209.7	1184.9	1153.2	1121.4	1030.5	947.7
27.5°	1356.8	1386.6	1405.1	1406.2	1405.1	1386.6	1356.8	1318.5	1267.7	1192.1	1102.5
25°	1513.1	1546.5	1566.6	1573.5	1566.6	1546.5	1513.1	1468.3	1409.1	1331.3	1232.7
22.5°	1676.9	1716.2	1742.2	1747.5	1742.2	1716.2	1676.9	1622.2	1557.7	1477.0	1364.7
20°	1866.9	1912.7	1937.6	1936.6	1937.6	1912.7	1866.9	1796.8	1722.5	1626.3	1504.1
17.5°	2117.1	2166.1	2187.6	2178.2	2187.6	2166.1	2117.1	2026.6	1947.8	1832.6	1697.0
15°	2548.3	2650.9	2650.5	2609.5	2650.5	2650.9	2548.3	2444.8	2344.0	2196.9	2036.9
12.5°	3080.2	3156.7	3235.1	3251.9	3235.1	3156.7	3080.2	2925.5	2813.3	2585.6	2399.3
10°	3339.1	3440.6	3507.5	3505.8	3507.5	3440.6	3339.1	3191.9	3017.2	2821.7	2572.7
7.5°	3501.0	3613.2	3694.3	3692.6	3694.3	3613.2	3501.0	3351.4	3159.4	2941.1	2684.8
5°	3626.0	3750.3	3822.2	3827.6	3822.2	3750.3	3626.0	3458.0	3261.5	3027.5	2765.8
2.5°	3690.9	3820.7	3907.2	3895.8	3907.2	3820.7	3690.9	3525.5	3329.7	3088.8	2823.2
0°	3718.0	3846.5	3927.2	3962.0	3927.2	3846.5	3718.0	3553.3	3351.8	3118.9	2851.2
-2.5°	3706.1	3831.2	3920.3	3923.8	3920.3	3831.2	3706.1	3541.3	3338.1	3106.1	2843.8
-5°	3642.7	3774.6	3834.3	3866.0	3834.3	3774.6	3642.7	3479.4	3283.7	3057.9	2807.8
-7.5°	3540.3	3639.2	3715.0	3750.0	3715.0	3639.2	3540.3	3383.4	3196.6	2980.1	2734.7
-10°	3380.9	3483.3	3547.3	3576.3	3547.3	3483.3	3380.9	3246.2	3073.5	2873.2	2643.1
-12.5°	3204.3	3297.3	3358.3	3382.7	3358.3	3297.3	3204.3	3076.4	2921.4	2738.6	2528.9
-15°	3007.3	3091.8	3147.9	3171.3	3147.9	3091.8	3007.3	2885.6	2744.0	2581.9	2388.5
-17.5°	2790.5	2864.5	2920.4	2937.2	2920.4	2864.5	2790.5	2682.2	2552.8	2408.7	2243.7
-20°	2567.5	2634.4	2680.4	2690.5	2680.4	2634.4	2567.5	2477.2	2358.7	2227.8	2083.7



REPORT NUMBER: P626612 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-730-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°	2342.8	2397.9	2435.3	2447.9	2435.3	2397.9	2342.8	2268.9	2166.0	2054.0	1919.2
-25°	2123.3	2170.8	2201.0	2212.2	2201.0	2170.8	2123.3	2057.8	1972.7	1875.5	1756.8
-27.5°	1912.1	1956.4	1984.0	1987.8	1984.0	1956.4	1912.1	1854.4	1783.0	1693.5	1586.9
-30°	1704.3	1741.0	1762.3	1771.3	1762.3	1741.0	1704.3	1656.3	1594.5	1515.8	1422.8
-32.5°	1510.1	1542.1	1561.3	1566.4	1561.3	1542.1	1510.1	1468.6	1416.3	1347.5	1259.9
-35°	1326.8	1356.4	1373.4	1372.0	1373.4	1356.4	1326.8	1287.6	1238.3	1178.3	1100.2
-37.5°	1145.1	1172.3	1187.7	1186.3	1187.7	1172.3	1145.1	1108.7	1064.7	1012.4	942.7
-40°	964.9	988.4	1001.9	1005.2	1001.9	988.4	964.9	932.1	892.2	843.2	786.3
-42.5°	792.1	813.8	824.7	820.4	824.7	813.8	792.1	763.9	730.1	689.1	645.4
-45°	635.6	646.8	654.2	658.8	654.2	646.8	635.6	618.7	594.6	563.9	528.5
-47.5°	521.4	530.7	535.7	536.6	535.7	530.7	521.4	508.2	490.2	467.8	441.8
-50°	432.8	440.7	444.2	443.2	444.2	440.7	432.8	422.5	409.2	392.1	372.4
-52.5°	360.4	365.0	368.1	369.6	368.1	365.0	360.4	353.8	344.8	331.3	315.9
-55°	304.6	308.2	310.3	311.0	310.3	308.2	304.6	299.5	292.8	282.1	270.2
-57.5°	259.6	263.0	264.2	263.8	264.2	263.0	259.6	255.2	250.0	241.9	232.7
-60°	220.5	222.5	223.9	224.7	223.9	222.5	220.5	217.8	214.1	207.9	200.5
-62.5°	187.3	189.1	190.7	191.6	190.7	189.1	187.3	184.8	181.7	176.9	171.2
-65°	154.1	154.9	155.1	154.8	155.1	154.9	154.1	152.7	150.7	147.6	143.5
-67.5°	126.7	127.4	127.8	127.9	127.8	127.4	126.7	125.6	124.2	122.0	118.9
-70°	103.0	103.3	103.0	102.2	103.0	103.3	103.0	102.6	102.1	101.1	98.8
-72.5°	76.9	74.1	71.3	68.2	71.3	74.1	76.9	79.6	82.2	83.7	82.0
-75°	56.6	51.8	50.1	48.4	50.1	51.8	56.6	61.2	65.7	68.9	67.6
-77.5°	42.1	37.1	35.8	34.5	35.8	37.1	42.1	46.9	51.4	55.0	54.1
-80°	29.9	26.0	25.1	24.3	25.1	26.0	29.9	33.6	37.2	40.3	40.2
-82.5°	19.7	17.0	16.4	15.8	16.4	17.0	19.7	22.3	24.7	26.9	26.6
-85°	10.5	9.3	9.0	8.8	9.0	9.3	10.5	11.8	12.9	14.0	13.6
-87.5°	3.3	3.1	3.1	3.1	3.1	3.1	3.3	3.5	3.7	3.9	3.9
-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: P626612 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-730-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	0.4	0.5	0.7
60°	0.9	0.5	1.0	1.2	0.9	0.9	1.6	1.5	0.6	2.1	2.6
57.5°	6.2	5.8	8.2	8.0	4.7	6.8	8.1	5.5	3.8	6.0	7.3
55°	27.1	26.5	25.8	24.3	22.3	20.8	20.5	20.4	16.2	11.8	13.4
52.5°	59.4	52.9	48.2	45.9	42.7	37.8	33.8	33.0	32.0	26.5	21.9
50°	76.3	75.1	70.0	62.3	61.6	56.6	49.8	45.1	44.5	40.7	33.7
47.5°	109.6	109.6	99.2	89.8	87.1	82.8	74.1	61.3	60.1	56.9	49.1
45°	177.6	165.3	159.5	141.3	121.6	114.0	106.7	91.3	78.7	73.8	68.3
42.5°	240.6	222.3	207.1	188.9	167.1	148.1	134.5	117.6	102.4	91.9	84.0
40°	299.6	270.1	249.1	226.1	202.4	178.8	161.9	140.7	123.4	109.3	101.0
37.5°	373.3	332.7	309.4	273.7	243.8	219.4	197.8	170.7	142.9	131.4	121.2
35°	481.8	433.7	406.4	363.0	302.6	281.0	252.9	212.3	177.1	157.5	144.8
32.5°	676.5	604.5	554.3	496.3	416.4	359.5	322.1	277.0	220.6	192.4	171.3
30°	874.3	776.9	706.6	647.6	541.4	457.6	399.9	336.2	275.4	229.4	200.8
27.5°	1008.2	912.5	824.9	740.3	654.2	556.9	470.6	388.7	322.2	270.8	233.8
25°	1125.7	1017.5	918.8	827.1	735.2	640.6	536.1	444.0	366.0	307.2	258.9
22.5°	1242.0	1127.0	1015.1	908.4	815.2	714.0	603.6	497.7	408.0	347.1	289.0
20°	1373.9	1241.4	1112.3	1011.5	905.3	789.9	667.1	566.1	478.2	394.8	322.0
17.5°	1562.6	1385.7	1267.0	1153.4	1015.5	874.4	767.8	662.0	553.8	445.2	356.6
15°	1818.3	1635.5	1499.6	1343.9	1154.4	1008.8	891.5	763.0	634.8	504.8	397.8
12.5°	2122.3	1900.5	1740.4	1518.7	1305.5	1148.0	1015.4	871.5	714.0	558.7	436.1
10°	2313.6	2074.5	1846.5	1633.6	1439.0	1276.9	1110.3	934.6	759.4	599.3	469.3
7.5°	2415.2	2160.3	1925.1	1712.3	1513.7	1325.9	1148.5	971.6	796.0	631.1	497.3
5°	2482.7	2224.1	1978.4	1750.9	1547.9	1358.9	1177.1	996.7	823.5	654.5	520.2
2.5°	2532.5	2265.6	2012.6	1773.4	1566.9	1378.7	1195.2	1011.2	837.8	667.1	528.2
0°	2557.2	2278.7	2025.1	1788.3	1575.7	1383.0	1202.2	1016.5	841.1	672.4	531.5
-2.5°	2552.2	2270.4	2014.4	1787.8	1576.3	1379.0	1203.1	1019.4	842.0	676.4	533.8
-5°	2526.0	2256.2	2002.2	1775.3	1567.0	1369.5	1193.7	1013.2	835.3	673.2	531.6
-7.5°	2472.8	2213.7	1967.3	1746.5	1543.0	1349.9	1174.5	997.8	822.0	662.3	525.0
-10°	2392.9	2145.8	1911.4	1702.5	1504.2	1317.8	1146.1	972.0	799.9	644.2	513.5
-12.5°	2293.9	2060.6	1837.1	1642.6	1453.4	1275.3	1107.6	935.6	769.3	619.2	497.1
-15°	2172.9	1963.6	1761.5	1572.9	1393.8	1221.4	1057.7	890.2	730.2	586.9	475.8
-17.5°	2050.2	1855.9	1666.3	1487.3	1321.4	1157.6	998.8	839.8	686.7	552.1	450.9
-20°	1913.7	1734.2	1558.9	1396.5	1241.8	1086.2	933.3	780.2	636.8	519.6	428.8



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REPORT NUMBER: P626612 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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°	1765.5	1605.2	1446.4	1300.0	1155.2	1006.2	859.7	715.2	579.2	483.1	403.8
-25°	1615.4	1469.8	1327.6	1192.8	1057.0	916.3	780.9	649.1	536.6	448.6	376.8
-27.5°	1464.7	1333.0	1201.7	1077.1	949.3	825.3	701.6	582.1	490.5	415.6	351.7
-30°	1315.8	1196.7	1076.6	957.6	842.0	728.7	618.2	527.6	448.0	380.4	323.5
-32.5°	1162.4	1058.8	949.3	837.8	732.8	632.8	548.9	472.6	403.7	347.9	298.5
-35°	1013.2	917.9	817.1	721.3	628.4	553.5	482.4	420.0	364.9	315.5	273.5
-37.5°	860.8	774.8	691.5	611.2	544.9	481.5	425.3	374.3	326.7	287.5	251.3
-40°	717.3	642.4	582.6	523.5	470.9	420.3	375.8	332.0	295.4	260.8	229.6
-42.5°	594.4	541.8	493.8	449.2	406.0	368.6	331.1	297.1	265.1	236.1	210.2
-45°	495.0	457.5	418.4	385.6	352.3	322.5	292.6	264.5	237.6	214.0	190.9
-47.5°	416.3	388.4	359.0	332.7	307.7	282.2	258.9	234.7	213.8	192.7	173.5
-50°	352.1	331.4	309.9	288.6	269.1	248.3	228.9	209.9	191.5	174.0	156.5
-52.5°	299.2	284.2	268.3	251.4	235.8	219.6	202.7	187.3	171.5	156.1	140.9
-55°	257.2	245.3	233.2	220.5	207.4	194.1	180.3	166.5	152.9	138.9	127.4
-57.5°	222.8	212.7	203.1	192.9	182.3	171.0	159.3	147.0	135.9	125.3	114.8
-60°	192.5	184.1	176.4	168.2	159.6	149.8	140.2	130.6	120.9	111.7	102.7
-62.5°	165.3	159.3	152.4	145.4	138.5	131.3	122.7	114.2	106.0	98.1	90.7
-65°	138.8	133.7	128.4	123.4	117.9	111.7	104.4	97.8	91.3	84.8	78.8
-67.5°	115.4	111.5	107.2	102.7	98.4	93.5	88.1	82.6	77.4	72.1	67.5
-70°	96.1	93.3	89.9	86.0	82.0	78.0	73.9	69.5	64.9	60.1	56.4
-72.5°	80.1	77.9	75.3	72.0	68.5	65.0	61.4	57.5	53.4	49.0	45.4
-75°	66.1	64.6	62.6	59.7	56.6	53.3	50.1	46.6	42.5	38.0	34.4
-77.5°	53.1	52.1	50.9	48.5	46.1	43.6	40.8	36.7	32.6	28.8	26.1
-80°	39.8	39.4	38.6	36.6	34.6	32.5	30.3	27.2	24.2	21.4	19.3
-82.5°	26.3	25.8	25.1	23.9	22.8	21.6	20.5	18.4	16.3	14.3	12.5
-85°	13.3	12.9	12.5	12.3	12.1	11.8	11.5	10.3	9.1	8.0	7.0
-87.5°	3.9	3.8	3.8	3.9	3.9	3.9	3.9	3.6	3.4	3.1	2.8
-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: P626612 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-730-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°	0.6	0.3	0.8	1.0	0.6	0.5	0.4	1.2	0.7	0.5	0.4
60°	1.3	1.1	2.0	3.0	2.2	0.8	1.2	2.0	1.9	0.7	0.5
57.5°	6.6	3.0	4.4	5.8	5.5	3.1	2.5	3.5	3.2	1.8	0.7
55°	13.6	11.6	9.2	9.2	9.3	7.3	5.2	5.4	4.8	3.4	1.0
52.5°	20.7	20.0	17.8	14.5	13.4	12.1	9.9	7.6	7.1	5.1	2.6
50°	29.5	27.8	26.1	22.7	18.4	16.8	14.5	11.6	9.6	7.1	4.4
47.5°	39.5	36.7	34.1	30.8	26.1	21.7	19.2	15.8	12.4	9.7	6.2
45°	55.2	46.1	42.5	38.7	33.9	28.4	24.0	19.9	16.1	12.4	7.9
42.5°	71.3	58.6	51.2	46.9	41.9	35.6	29.0	24.4	19.7	15.0	10.0
40°	87.5	71.9	60.6	55.2	50.1	42.9	35.5	29.2	23.3	17.7	12.3
37.5°	105.1	86.6	71.4	63.9	58.4	50.6	42.0	34.0	26.9	20.7	14.6
35°	126.9	104.1	83.2	73.9	66.6	58.6	48.5	39.3	31.2	23.7	16.8
32.5°	151.4	123.5	100.0	84.8	74.9	66.6	55.4	45.2	35.7	26.6	19.0
30°	175.8	143.4	116.0	95.6	83.7	74.2	62.7	51.2	40.2	29.6	21.2
27.5°	194.4	160.6	131.0	108.6	93.4	81.8	70.1	57.2	44.9	32.9	23.6
25°	213.4	176.5	145.6	121.3	103.0	89.5	77.1	63.3	49.8	36.7	26.0
22.5°	235.6	191.6	157.8	132.8	113.1	97.3	83.8	69.3	54.8	40.4	28.3
20°	257.4	205.5	169.2	146.2	124.2	106.0	90.4	75.1	59.7	44.1	30.5
17.5°	279.6	225.1	187.9	160.1	135.6	114.6	96.9	80.7	64.4	47.7	32.7
15°	313.2	251.3	206.7	173.8	146.6	123.1	103.3	85.8	69.0	51.1	34.6
12.5°	344.9	275.9	225.0	187.2	157.2	131.3	109.5	90.7	73.4	54.0	36.2
10°	372.8	298.8	242.6	200.1	167.2	139.2	115.4	94.5	76.0	56.3	37.6
7.5°	397.1	319.9	259.1	212.4	175.8	144.5	118.4	96.5	77.9	58.3	38.9
5°	415.8	334.2	268.2	217.3	179.0	146.9	120.6	98.1	79.5	60.0	40.0
2.5°	421.9	339.0	271.8	220.0	181.4	148.6	122.3	99.4	80.7	61.4	40.9
0°	424.8	341.3	273.7	221.6	182.8	149.7	123.4	100.2	81.5	62.5	41.6
-2.5°	427.9	344.5	276.3	224.1	184.3	151.2	124.6	101.5	82.7	63.7	42.8
-5°	427.7	345.1	277.1	225.3	184.9	151.9	125.3	102.5	83.5	64.6	43.8
-7.5°	423.2	342.4	276.0	225.0	184.6	152.0	125.5	103.0	84.0	65.2	44.6
-10°	415.1	336.8	272.9	223.0	183.4	151.3	125.1	103.2	84.3	65.5	45.1
-12.5°	403.7	328.9	267.9	219.6	181.2	149.9	124.2	102.7	84.1	65.4	45.5
-15°	389.1	318.7	261.0	215.0	178.0	147.8	122.8	101.7	83.4	64.9	45.5
-17.5°	371.4	306.4	252.2	209.1	173.9	145.0	120.8	100.3	82.4	64.1	45.4
-20°	355.0	293.3	242.0	202.0	168.8	141.6	118.2	98.6	81.2	63.0	45.2

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REPORT NUMBER: P626612 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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°	336.6	279.8	233.0	195.2	163.4	137.4	115.1	96.4	79.7	61.8	44.8
-25°	315.6	264.5	222.7	187.5	158.2	133.4	111.8	93.9	78.0	60.4	44.2
-27.5°	295.8	248.7	211.2	178.7	152.1	128.9	108.7	91.6	76.1	58.8	43.4
-30°	275.7	235.0	200.1	169.5	145.4	123.8	105.1	89.1	73.8	57.4	42.5
-32.5°	255.2	220.0	188.2	161.6	138.9	118.3	101.2	86.5	71.5	56.0	41.7
-35°	237.6	205.3	175.5	153.0	132.3	113.6	97.3	83.6	69.2	54.5	40.8
-37.5°	218.9	190.3	165.6	144.5	125.2	108.5	93.6	80.3	66.7	52.8	39.7
-40°	202.1	176.3	154.9	136.3	118.8	103.0	89.4	76.7	64.4	50.8	38.5
-42.5°	185.0	163.6	144.5	127.4	112.3	97.9	84.8	72.9	61.4	49.1	37.1
-45°	170.0	150.6	133.8	119.3	105.5	92.4	80.4	69.0	58.3	47.3	35.6
-47.5°	154.6	138.1	123.7	110.9	98.9	86.7	75.7	65.3	55.0	45.2	34.1
-50°	140.2	126.3	114.3	102.8	91.6	81.3	71.0	61.5	52.0	42.5	32.5
-52.5°	127.4	115.8	105.1	94.6	85.0	75.7	66.8	57.7	48.8	39.9	30.6
-55°	116.0	105.7	96.0	87.0	78.4	70.7	62.5	54.1	45.6	37.2	28.6
-57.5°	105.2	95.8	87.7	79.7	72.3	65.6	58.3	50.4	42.3	34.3	26.8
-60°	94.2	86.7	79.5	72.8	66.4	60.3	54.1	46.5	38.9	31.4	24.7
-62.5°	83.8	77.5	71.9	66.0	60.2	54.8	49.8	42.6	35.4	28.5	22.3
-65°	73.5	68.7	64.2	58.6	53.6	49.1	45.0	38.5	31.7	25.4	19.9
-67.5°	63.4	59.4	55.4	50.8	47.1	43.5	39.8	33.9	27.7	22.1	17.4
-70°	53.1	49.7	46.9	44.0	40.9	37.7	34.0	29.0	23.6	19.0	14.8
-72.5°	43.1	41.0	39.3	37.3	34.7	31.6	28.2	24.1	19.8	15.8	12.1
-75°	33.2	32.8	32.2	30.9	28.4	25.5	22.8	19.6	16.0	12.6	9.9
-77.5°	26.1	26.0	25.6	24.7	22.5	20.1	17.7	15.0	12.3	10.0	7.8
-80°	19.4	19.3	19.2	18.6	16.7	14.7	13.0	11.3	9.3	7.4	5.6
-82.5°	12.7	12.9	13.0	12.8	11.5	10.3	9.1	7.9	6.3	4.8	3.8
-85°	7.3	7.4	7.4	7.3	6.5	5.8	5.3	4.8	4.0	3.2	2.5
-87.5°	3.0	3.2	3.3	3.4	3.1	2.9	2.7	2.4	2.0	1.6	1.3
-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: P626612 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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°	0.4	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°	0.5	0.5	0.3	0.3	0.3	0.1	0.0
57.5°	0.8	0.5	0.4	0.3	0.3	0.2	0.0
55°	1.2	0.6	0.5	0.3	0.3	0.2	0.0
52.5°	1.6	0.8	0.5	0.3	0.3	0.2	0.0
50°	2.1	1.3	0.6	0.3	0.3	0.2	0.0
47.5°	2.9	1.8	0.7	0.3	0.3	0.2	0.0
45°	4.4	2.3	0.8	0.4	0.3	0.2	0.0
42.5°	5.9	2.9	0.9	0.5	0.3	0.2	0.0
40°	7.5	3.6	1.2	0.6	0.4	0.2	0.0
37.5°	9.0	4.2	1.7	0.7	0.4	0.2	0.0
35°	10.5	5.3	2.2	0.8	0.4	0.2	0.0
32.5°	12.1	6.4	2.7	1.0	0.4	0.3	0.0
30°	13.8	7.6	3.2	1.1	0.4	0.3	0.0
27.5°	15.5	8.7	3.8	1.3	0.4	0.3	0.0
25°	17.2	9.8	4.4	1.4	0.4	0.3	0.0
22.5°	18.8	10.8	4.9	1.6	0.5	0.3	0.0
20°	20.3	11.8	5.5	1.8	0.5	0.3	0.0
17.5°	21.7	12.8	6.0	2.0	0.5	0.3	0.0
15°	22.9	13.7	6.5	2.1	0.5	0.3	0.0
12.5°	24.1	14.5	6.9	2.3	0.5	0.3	0.0
10°	25.2	15.3	7.4	2.5	0.5	0.3	0.0
7.5°	26.1	15.9	7.8	2.7	0.6	0.3	0.0
5°	27.0	16.5	8.2	2.8	0.6	0.3	0.0
2.5°	27.7	17.1	8.5	3.0	0.6	0.3	0.0
0°	28.3	17.5	8.8	3.1	0.6	0.3	0.0
-2.5°	29.1	18.1	9.2	3.3	0.7	0.3	0.0
-5°	29.7	18.5	9.6	3.5	0.8	0.3	0.0
-7.5°	30.2	18.9	9.9	3.6	0.8	0.3	0.0
-10°	30.6	19.2	10.1	3.8	0.9	0.4	0.0
-12.5°	30.8	19.4	10.3	3.9	1.0	0.4	0.0
-15°	30.8	19.5	10.4	4.0	1.1	0.4	0.0
-17.5°	30.7	19.5	10.5	4.1	1.1	0.4	0.0
-20°	30.6	19.4	10.4	4.1	1.2	0.4	0.0

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CATALOG NUMBER: GFLD-SA1B-730-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	30.7	19.2	10.4	4.2	1.2	0.4	0.0
-25°	30.5	19.1	10.2	4.2	1.3	0.4	0.0
-27.5°	30.2	19.0	9.9	4.1	1.3	0.4	0.0
-30°	29.8	18.8	9.7	4.1	1.3	0.4	0.0
-32.5°	29.2	18.5	9.5	4.0	1.3	0.4	0.0
-35°	28.6	18.0	9.3	3.9	1.4	0.4	0.0
-37.5°	28.0	17.6	9.0	3.7	1.4	0.4	0.0
-40°	27.2	17.1	8.7	3.5	1.4	0.4	0.0
-42.5°	26.2	16.6	8.4	3.4	1.3	0.4	0.0
-45°	25.1	15.9	8.3	3.2	1.3	0.4	0.0
-47.5°	23.8	15.2	8.0	3.0	1.3	0.4	0.0
-50°	22.7	14.3	7.7	3.0	1.2	0.4	0.0
-52.5°	21.5	13.4	7.2	3.0	1.2	0.4	0.0
-55°	20.2	12.6	6.7	2.9	1.1	0.4	0.0
-57.5°	18.7	11.7	6.2	2.8	1.1	0.3	0.0
-60°	17.2	10.8	5.5	2.6	1.0	0.3	0.0
-62.5°	15.7	9.7	5.1	2.4	0.9	0.3	0.0
-65°	14.1	8.5	4.7	2.2	0.9	0.3	0.0
-67.5°	12.3	7.4	4.2	2.0	0.8	0.3	0.0
-70°	10.4	6.5	3.7	1.7	0.7	0.2	0.0
-72.5°	8.8	5.5	3.1	1.5	0.6	0.2	0.0
-75°	7.2	4.5	2.4	1.3	0.6	0.2	0.0
-77.5°	5.6	3.4	2.0	1.1	0.5	0.1	0.0
-80°	3.9	2.6	1.6	0.9	0.4	0.1	0.0
-82.5°	2.8	2.0	1.2	0.7	0.3	0.1	0.0
-85°	1.9	1.3	0.8	0.5	0.2	0.1	0.0
-87.5°	1.0	0.7	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)