

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: P626622 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-735-U-WR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626622 (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-735-U-WR-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR  
Light Source: (16) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

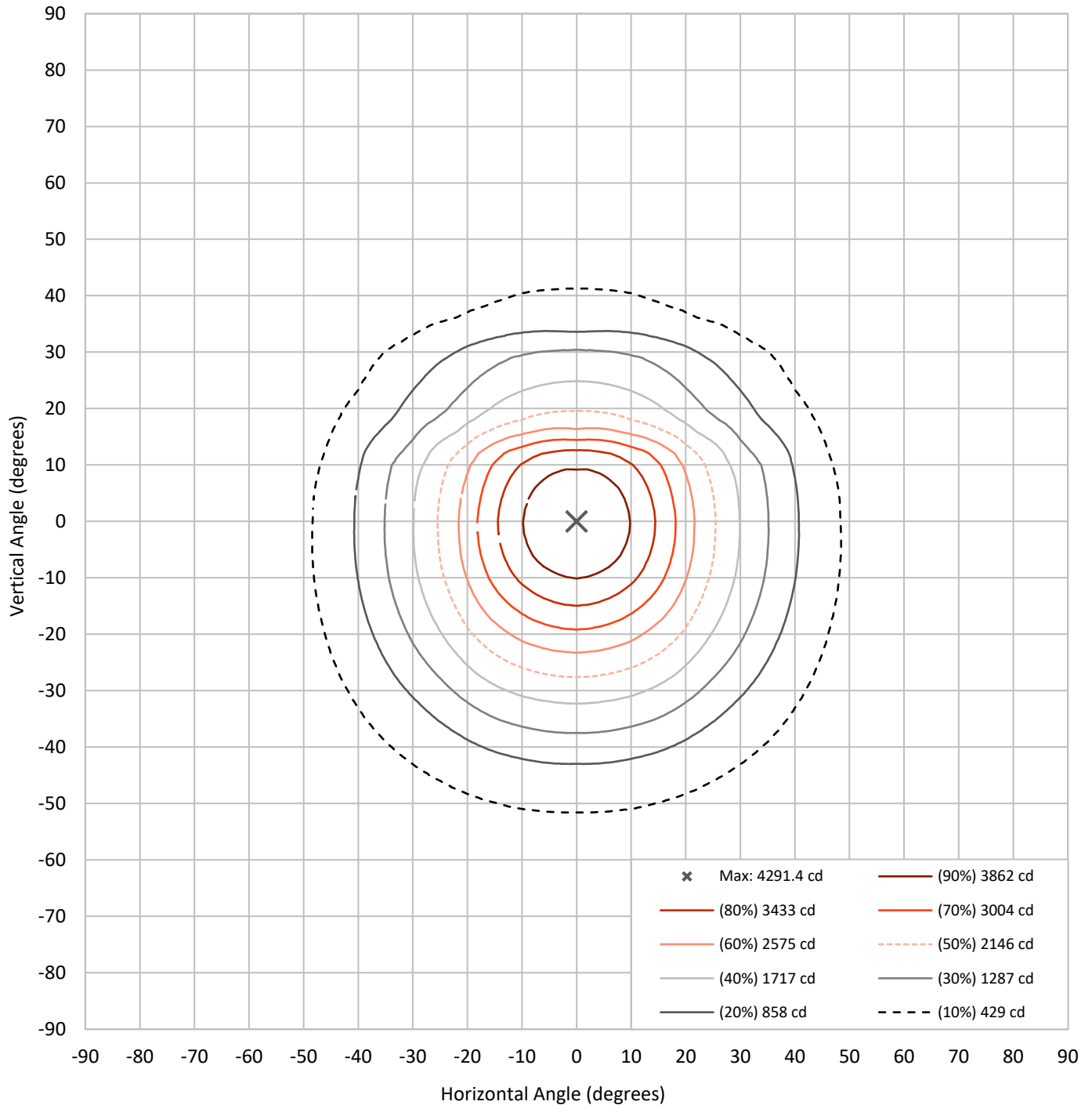
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	3785.9 lumens	Max Intensity:	4291.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	113.0 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:	1822.7 lumens	Field Lumens:	3389.7 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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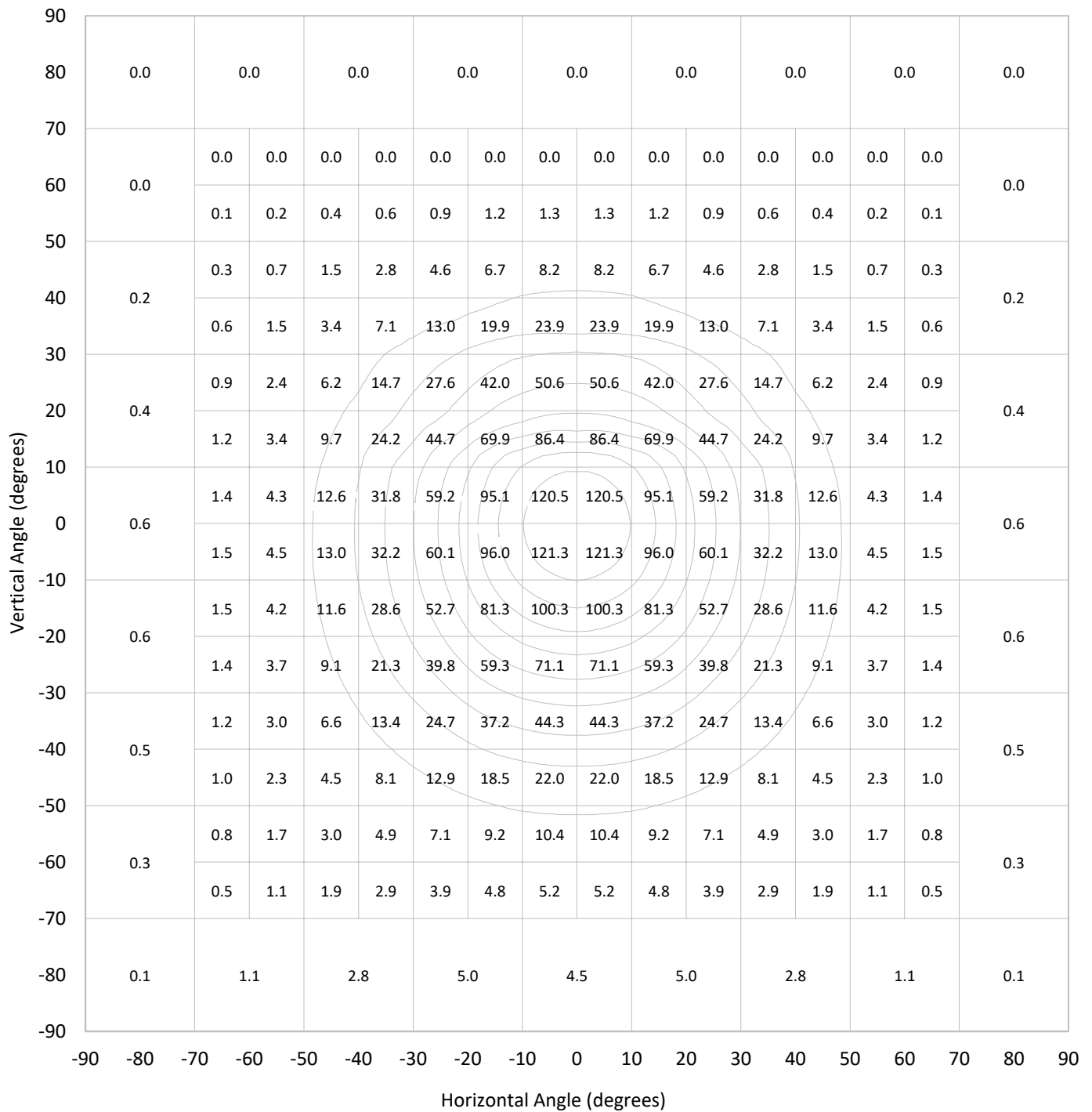
### Iso-Candela Plot





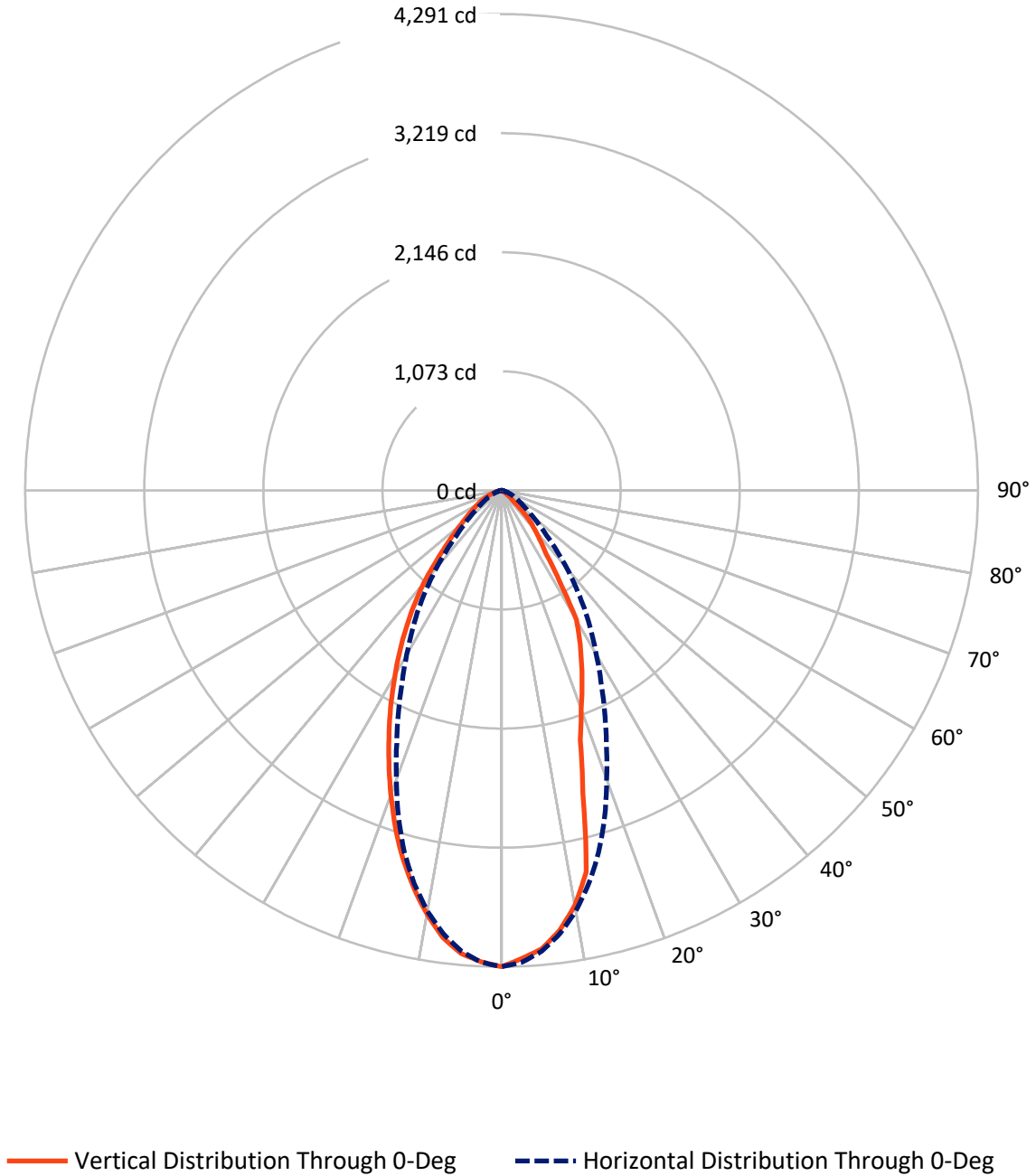
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### Lumen Table



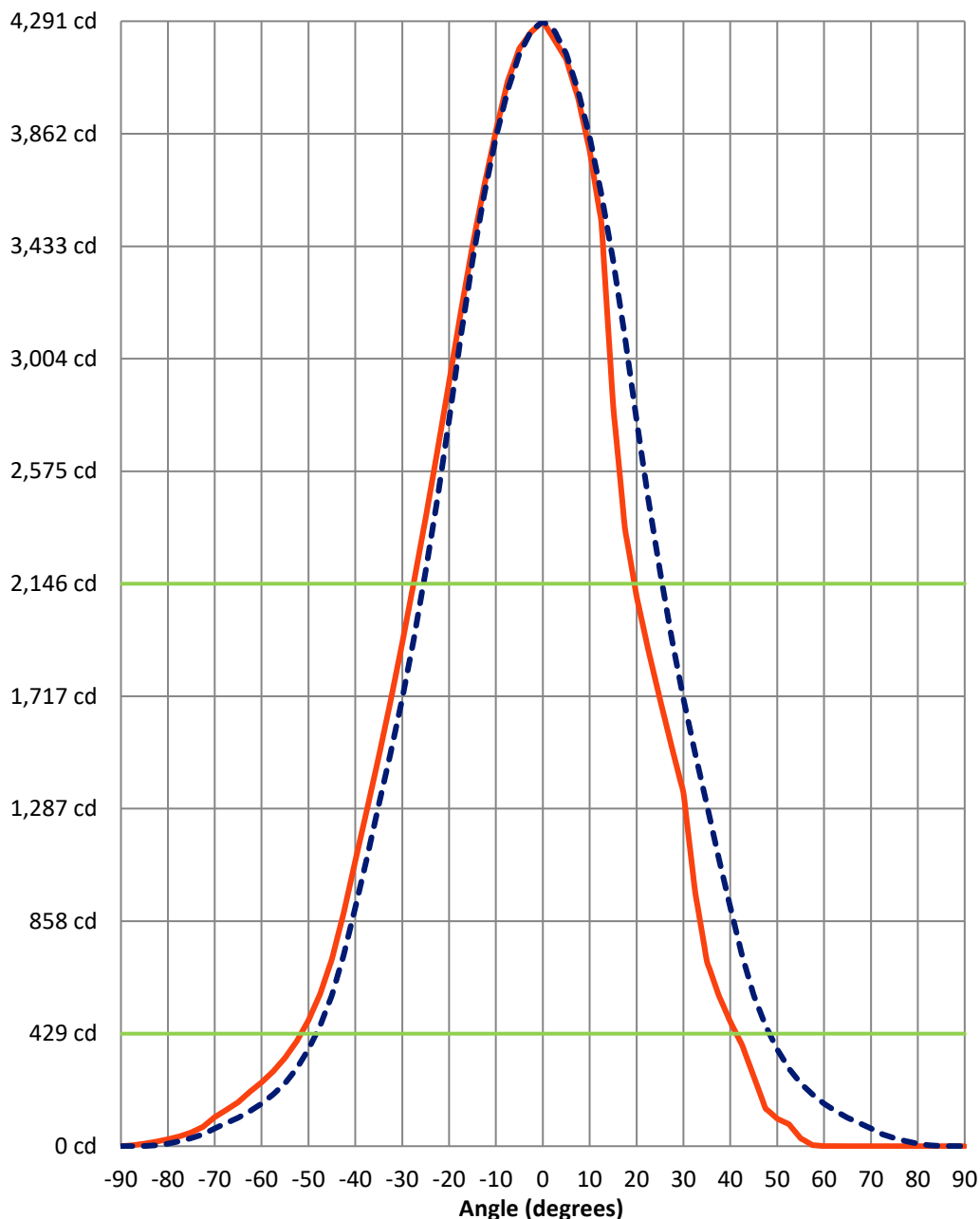
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 50.9°  
 V Angle: 47.1°  
 Lumens: 1822.7  
 Efficiency: 48.1%

**Field:**  
 H Angle: 96.7°  
 V Angle: 92.9°  
 Lumens: 3389.7  
 Efficiency: 89.5%

**Spill:**  
 Lumens: 396.2  
 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	0.6
62.5°	0.0	0.1	0.3	0.3	0.3	0.4	0.4	0.4	0.6	0.8	1.3
60°	0.0	0.1	0.3	0.3	0.3	0.5	0.5	0.6	0.7	2.0	2.2
57.5°	0.0	0.2	0.3	0.3	0.4	0.6	0.8	0.8	2.0	3.4	3.8
55°	0.0	0.2	0.3	0.3	0.5	0.7	1.3	1.1	3.7	5.2	5.8
52.5°	0.0	0.2	0.3	0.3	0.6	0.8	1.8	2.9	5.5	7.7	8.3
50°	0.0	0.2	0.3	0.3	0.7	1.4	2.3	4.8	7.7	10.4	12.6
47.5°	0.0	0.2	0.3	0.3	0.8	1.9	3.1	6.7	10.5	13.5	17.1
45°	0.0	0.2	0.3	0.4	0.9	2.5	4.8	8.6	13.4	17.5	21.5
42.5°	0.0	0.2	0.3	0.5	1.0	3.2	6.4	10.9	16.3	21.4	26.5
40°	0.0	0.2	0.4	0.6	1.3	3.8	8.1	13.4	19.2	25.2	31.6
37.5°	0.0	0.2	0.4	0.7	1.8	4.5	9.7	15.8	22.5	29.2	36.9
35°	0.0	0.2	0.4	0.9	2.4	5.6	11.3	18.2	25.7	33.9	42.6
32.5°	0.0	0.3	0.4	1.0	2.9	6.9	13.0	20.6	28.9	38.7	49.0
30°	0.0	0.3	0.4	1.2	3.4	8.2	15.0	23.0	32.1	43.7	55.5
27.5°	0.0	0.3	0.4	1.4	4.1	9.4	16.8	25.6	35.7	48.7	62.0
25°	0.0	0.3	0.4	1.5	4.7	10.5	18.6	28.2	39.8	54.0	68.5
22.5°	0.0	0.3	0.5	1.7	5.3	11.7	20.3	30.7	43.8	59.4	75.1
20°	0.0	0.3	0.5	1.9	5.9	12.8	22.0	33.1	47.8	64.7	81.4
17.5°	0.0	0.3	0.5	2.1	6.4	13.8	23.5	35.5	51.7	69.8	87.3
15°	0.0	0.3	0.5	2.3	7.0	14.8	24.9	37.5	55.4	74.8	92.9
12.5°	0.0	0.3	0.5	2.5	7.5	15.7	26.2	39.3	58.5	79.5	98.2
10°	0.0	0.3	0.5	2.7	8.0	16.5	27.3	40.8	61.0	82.3	102.3
7.5°	0.0	0.3	0.6	2.9	8.4	17.3	28.4	42.2	63.1	84.4	104.5
5°	0.0	0.3	0.6	3.1	8.8	17.9	29.3	43.4	65.0	86.1	106.2
2.5°	0.0	0.3	0.6	3.2	9.2	18.5	30.1	44.3	66.5	87.4	107.6
0°	0.0	0.3	0.6	3.4	9.5	19.0	30.7	45.1	67.7	88.3	108.5
-2.5°	0.0	0.3	0.7	3.6	9.9	19.6	31.5	46.4	69.0	89.6	109.9
-5°	0.0	0.3	0.8	3.8	10.3	20.1	32.2	47.5	70.0	90.5	111.0
-7.5°	0.0	0.4	0.9	4.0	10.6	20.5	32.8	48.3	70.6	91.0	111.6
-10°	0.0	0.4	1.0	4.1	10.9	20.8	33.1	48.9	70.9	91.2	111.8
-12.5°	0.0	0.4	1.0	4.3	11.1	21.0	33.4	49.2	70.8	91.1	111.3
-15°	0.0	0.4	1.1	4.4	11.2	21.1	33.4	49.3	70.3	90.3	110.2
-17.5°	0.0	0.4	1.2	4.4	11.3	21.1	33.3	49.2	69.4	89.2	108.7
-20°	0.0	0.4	1.3	4.5	11.3	21.0	33.2	49.0	68.2	87.9	106.7

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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	1.3	4.5	11.2	20.7	33.2	48.5	66.9	86.3	104.4
-25°	0.0	0.4	1.4	4.5	11.0	20.7	33.1	47.9	65.3	84.5	101.7
-27.5°	0.0	0.5	1.4	4.5	10.8	20.6	32.8	47.0	63.6	82.3	99.2
-30°	0.0	0.5	1.4	4.4	10.4	20.4	32.3	46.0	62.1	79.9	96.5
-32.5°	0.0	0.5	1.5	4.3	10.3	20.0	31.6	45.1	60.7	77.4	93.6
-35°	0.0	0.5	1.5	4.2	10.1	19.5	31.0	44.2	59.0	74.8	90.5
-37.5°	0.0	0.5	1.5	4.1	9.8	19.0	30.3	43.0	57.1	72.2	86.9
-40°	0.0	0.5	1.5	3.9	9.4	18.5	29.4	41.7	55.1	69.7	83.1
-42.5°	0.0	0.4	1.5	3.7	9.1	18.0	28.4	40.2	53.1	66.5	78.9
-45°	0.0	0.4	1.4	3.6	8.9	17.3	27.2	38.6	51.2	63.1	74.6
-47.5°	0.0	0.4	1.4	3.4	8.7	16.4	25.8	37.0	49.0	59.5	70.7
-50°	0.0	0.4	1.4	3.3	8.3	15.5	24.6	35.2	46.1	56.3	66.6
-52.5°	0.0	0.4	1.3	3.3	7.9	14.5	23.3	33.2	43.2	52.9	62.5
-55°	0.0	0.4	1.2	3.2	7.3	13.6	21.9	31.0	40.3	49.4	58.6
-57.5°	0.0	0.4	1.2	3.0	6.7	12.7	20.3	29.1	37.2	45.8	54.6
-60°	0.0	0.3	1.1	2.9	6.0	11.6	18.6	26.8	34.0	42.1	50.4
-62.5°	0.0	0.3	1.0	2.7	5.6	10.5	17.0	24.2	30.9	38.3	46.1
-65°	0.0	0.3	0.9	2.4	5.1	9.2	15.2	21.5	27.5	34.3	41.7
-67.5°	0.0	0.3	0.9	2.1	4.6	8.0	13.2	18.8	24.0	30.0	36.7
-70°	0.0	0.2	0.8	1.8	4.0	7.0	11.1	16.0	20.6	25.5	31.4
-72.5°	0.0	0.2	0.7	1.6	3.3	6.0	9.5	13.0	17.1	21.5	26.0
-75°	0.0	0.2	0.6	1.4	2.6	4.8	7.8	10.6	13.6	17.3	21.2
-77.5°	0.0	0.2	0.5	1.2	2.2	3.7	6.0	8.4	10.8	13.3	16.3
-80°	0.0	0.1	0.4	1.0	1.8	2.8	4.2	6.0	8.0	10.1	12.3
-82.5°	0.0	0.1	0.3	0.7	1.3	2.1	3.1	4.0	5.2	6.8	8.5
-85°	0.0	0.1	0.2	0.5	0.9	1.4	2.1	2.7	3.4	4.2	5.1
-87.5°	0.0	0.0	0.1	0.2	0.5	0.7	1.0	1.4	1.7	2.1	2.6
-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: P626622 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-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	0.7	1.1	0.8	0.3	0.6	0.7	0.5	0.4	0.4
60°	1.3	0.9	2.3	3.2	2.1	1.1	1.4	2.8	2.3	0.6	1.6
57.5°	2.7	3.3	5.9	6.2	4.8	3.2	7.1	7.9	6.5	4.1	5.9
55°	5.6	7.9	10.0	9.9	9.9	12.5	14.8	14.5	12.7	17.6	22.2
52.5°	10.7	13.0	14.4	15.7	19.3	21.7	22.4	23.7	28.7	34.7	35.8
50°	15.6	18.1	19.9	24.6	28.3	30.2	31.9	36.5	44.0	48.1	48.8
47.5°	20.7	23.4	28.3	33.4	36.9	39.8	42.8	53.2	61.6	65.1	66.3
45°	26.0	30.7	36.7	42.0	46.1	49.9	59.8	74.0	79.9	85.2	98.9
42.5°	31.5	38.6	45.4	50.8	55.5	63.5	77.2	91.0	99.5	110.9	127.3
40°	38.4	46.4	54.3	59.9	65.6	77.8	94.8	109.3	118.4	133.6	152.4
37.5°	45.5	54.9	63.3	69.2	77.3	93.8	113.8	131.2	142.4	154.8	184.9
35°	52.5	63.5	72.2	80.0	90.0	112.8	137.4	156.8	170.6	191.9	230.0
32.5°	60.0	72.2	81.1	91.8	108.3	133.8	164.0	185.5	208.4	239.0	300.2
30°	68.0	80.5	90.7	103.5	125.7	155.3	190.4	217.5	248.5	298.3	364.2
27.5°	75.9	88.6	101.2	117.6	141.9	173.9	210.6	253.3	293.4	349.0	421.0
25°	83.5	97.0	111.5	131.4	157.7	191.2	231.2	280.4	332.7	396.4	481.0
22.5°	90.8	105.4	122.4	143.8	170.9	207.6	255.2	313.1	375.9	441.9	539.1
20°	97.9	114.9	134.4	158.3	183.2	222.7	278.8	348.8	427.6	518.0	613.2
17.5°	105.0	124.2	146.8	173.3	203.4	243.9	302.9	386.3	482.1	599.8	717.0
15°	111.9	133.3	158.7	188.2	223.9	272.2	339.3	430.9	546.7	687.5	826.4
12.5°	118.6	142.2	170.2	202.7	243.7	298.9	373.5	472.4	605.1	773.4	944.0
10°	125.0	150.7	181.1	216.6	262.8	323.7	403.8	508.3	649.1	822.6	1012.3
7.5°	128.3	156.5	190.4	229.9	280.7	346.5	430.2	538.6	683.5	862.1	1052.3
5°	130.6	159.1	193.9	235.3	290.5	362.0	450.3	563.4	708.9	891.9	1079.5
2.5°	132.4	161.0	196.4	238.3	294.4	367.2	457.0	572.1	722.5	907.4	1095.3
0°	133.6	162.2	198.0	240.0	296.4	369.7	460.1	575.7	728.3	911.0	1101.0
-2.5°	134.9	163.8	199.7	242.7	299.2	373.1	463.5	578.2	732.6	912.0	1104.1
-5°	135.7	164.6	200.3	244.0	300.1	373.7	463.2	575.8	729.2	904.8	1097.4
-7.5°	135.9	164.7	200.0	243.7	299.0	370.8	458.3	568.6	717.3	890.3	1080.8
-10°	135.6	164.0	198.7	241.5	295.6	364.8	449.6	556.1	697.8	866.4	1052.8
-12.5°	134.6	162.4	196.3	237.9	290.2	356.2	437.3	538.4	670.6	833.2	1013.3
-15°	133.0	160.2	192.9	232.9	282.7	345.2	421.4	515.3	635.7	790.9	964.2
-17.5°	130.8	157.1	188.4	226.5	273.1	331.8	402.3	488.4	598.0	743.8	909.5
-20°	128.0	153.3	182.9	218.8	262.1	317.7	384.5	464.5	562.7	689.7	845.1

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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°	124.7	148.8	177.0	211.4	252.4	303.1	364.6	437.4	523.2	627.3	774.7
-25°	121.2	144.5	171.3	203.2	241.2	286.5	341.8	408.2	485.9	581.2	703.0
-27.5°	117.7	139.6	164.7	193.6	228.7	269.4	320.4	380.9	450.2	531.2	630.4
-30°	113.8	134.0	157.5	183.7	216.7	254.5	298.6	350.4	412.0	485.2	571.5
-32.5°	109.6	128.1	150.5	175.0	203.9	238.3	276.5	323.3	376.8	437.3	511.8
-35°	105.3	123.0	143.3	165.7	190.1	222.3	257.4	296.3	341.8	395.3	454.9
-37.5°	101.3	117.5	135.6	156.5	179.4	206.1	237.1	272.2	311.4	353.9	405.5
-40°	96.8	111.5	128.6	147.6	167.8	191.0	218.9	248.7	282.5	319.9	359.7
-42.5°	91.9	106.1	121.6	137.9	156.5	177.3	200.4	227.6	255.7	287.1	321.8
-45°	87.1	100.1	114.4	129.3	144.8	163.2	184.2	206.9	231.7	257.3	286.5
-47.5°	82.0	93.9	107.2	120.2	134.0	149.6	167.5	188.0	208.8	231.6	254.2
-50°	76.9	88.1	99.3	111.4	123.8	136.7	151.8	169.6	188.5	207.4	227.3
-52.5°	72.4	82.0	92.1	102.6	113.8	125.4	137.9	152.6	169.1	185.7	202.9
-55°	67.7	76.6	85.0	94.3	104.1	114.5	125.7	138.0	150.4	165.6	180.4
-57.5°	63.2	71.1	78.3	86.3	95.0	103.8	113.9	124.4	135.7	147.2	159.3
-60°	58.7	65.3	71.9	78.8	86.1	94.0	102.1	111.3	121.0	131.0	141.4
-62.5°	54.0	59.4	65.2	71.5	77.9	83.9	90.7	98.3	106.3	114.9	123.7
-65°	48.7	53.2	58.0	63.5	69.5	74.4	79.6	85.3	91.9	98.9	105.9
-67.5°	43.1	47.1	51.0	55.1	59.9	64.3	68.6	73.1	78.0	83.8	89.4
-70°	36.8	40.8	44.3	47.7	50.7	53.9	57.5	61.1	65.0	70.2	75.3
-72.5°	30.5	34.2	37.5	40.4	42.6	44.4	46.6	49.2	53.1	57.8	62.3
-75°	24.7	27.7	30.7	33.5	34.9	35.5	35.9	37.3	41.2	46.1	50.4
-77.5°	19.2	21.8	24.3	26.7	27.7	28.1	28.3	28.3	31.1	35.3	39.7
-80°	14.1	16.0	18.1	20.2	20.8	20.9	21.0	20.8	23.2	26.2	29.4
-82.5°	9.8	11.1	12.5	13.9	14.1	14.0	13.8	13.6	15.5	17.7	19.9
-85°	5.7	6.2	7.1	7.9	8.0	8.0	7.9	7.6	8.7	9.9	11.1
-87.5°	2.9	3.1	3.4	3.7	3.6	3.4	3.3	3.0	3.3	3.6	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: P626622 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-735-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°	1.7	1.0	1.0	1.3	1.1	0.5	1.0	1.3	1.2	0.9	0.8
57.5°	8.8	7.4	5.2	8.6	8.9	6.2	6.7	8.8	8.5	6.6	6.5
55°	22.2	22.5	24.1	26.3	27.9	28.7	29.3	32.6	36.1	39.6	41.3
52.5°	36.6	40.9	46.2	49.7	52.2	57.3	64.3	67.6	70.7	74.3	76.9
50°	53.9	61.3	66.7	67.5	75.9	81.4	82.6	88.7	95.3	99.5	102.4
47.5°	80.2	89.6	94.3	97.3	107.5	118.7	118.8	122.3	138.8	147.5	151.7
45°	115.5	123.4	131.7	153.1	172.8	179.0	192.4	210.4	222.2	238.4	256.2
42.5°	145.6	160.4	181.0	204.6	224.3	240.7	260.6	282.4	308.5	333.1	354.4
40°	175.4	193.6	219.2	244.9	269.7	292.5	324.5	352.5	383.4	417.2	445.4
37.5°	214.2	237.6	264.1	296.4	335.1	360.3	404.4	444.7	479.4	520.3	545.4
35°	274.0	304.4	327.8	393.2	440.2	469.8	521.9	588.0	613.4	664.9	689.3
32.5°	349.0	389.4	451.0	537.6	600.4	654.8	732.8	799.9	857.1	908.7	962.5
30°	433.3	495.7	586.5	701.5	765.3	841.5	946.9	1026.5	1116.2	1214.6	1249.1
27.5°	509.8	603.3	708.6	801.8	893.5	988.4	1092.0	1194.2	1291.3	1373.2	1428.2
25°	580.6	693.9	796.3	895.9	995.2	1102.1	1219.3	1335.2	1442.0	1526.3	1590.4
22.5°	653.8	773.4	882.9	984.0	1099.6	1220.7	1345.3	1478.2	1599.8	1687.2	1757.0
20°	722.5	855.6	980.5	1095.6	1204.8	1344.7	1488.1	1629.1	1761.5	1865.7	1946.2
17.5°	831.6	947.1	1099.9	1249.4	1372.4	1500.9	1692.5	1838.1	1985.0	2109.8	2195.1
15°	965.6	1092.7	1250.4	1455.7	1624.3	1771.4	1969.4	2206.3	2379.5	2538.8	2648.0
12.5°	1099.8	1243.4	1414.1	1645.1	1885.1	2058.5	2298.7	2598.8	2800.6	3047.2	3168.7
10°	1202.6	1383.0	1558.7	1769.5	2000.0	2246.9	2505.9	2786.6	3056.3	3268.0	3457.3
7.5°	1244.0	1436.2	1639.5	1854.6	2085.1	2339.9	2615.9	2908.0	3185.6	3422.1	3630.1
5°	1274.9	1471.8	1676.5	1896.5	2142.9	2409.0	2689.1	2995.8	3279.2	3532.7	3745.5
2.5°	1294.6	1493.4	1697.2	1920.8	2179.9	2454.0	2743.1	3057.9	3345.5	3606.4	3818.6
0°	1302.1	1498.0	1706.7	1936.9	2193.5	2468.2	2769.8	3088.3	3378.2	3630.5	3848.8
-2.5°	1303.1	1493.7	1707.4	1936.5	2182.0	2459.2	2764.4	3080.3	3364.3	3615.6	3835.8
-5°	1292.9	1483.4	1697.3	1922.9	2168.7	2443.8	2736.0	3041.2	3312.1	3556.7	3768.7
-7.5°	1272.2	1462.1	1671.2	1891.7	2130.9	2397.8	2678.4	2962.2	3227.9	3462.5	3664.8
-10°	1241.4	1427.3	1629.2	1844.0	2070.4	2324.3	2591.8	2862.9	3112.1	3329.0	3516.2
-12.5°	1199.8	1381.3	1574.2	1779.3	1989.9	2232.0	2484.6	2739.2	2966.3	3164.3	3332.2
-15°	1145.6	1323.0	1509.7	1703.7	1908.0	2126.8	2353.5	2587.1	2796.6	2972.2	3125.6
-17.5°	1081.9	1253.9	1431.3	1611.0	1804.9	2010.2	2220.7	2430.3	2609.0	2765.0	2905.2
-20°	1010.8	1176.6	1345.0	1512.6	1688.5	1878.4	2072.8	2256.9	2413.0	2554.8	2683.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626622 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-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°	931.1	1089.8	1251.3	1408.1	1566.7	1738.7	1912.3	2078.7	2224.8	2346.1	2457.6
-25°	845.8	992.4	1144.9	1292.0	1437.9	1592.0	1749.7	1902.9	2031.4	2136.7	2228.9
-27.5°	759.9	893.9	1028.2	1166.6	1301.5	1443.7	1586.5	1718.8	1834.2	1931.1	2008.6
-30°	669.6	789.3	912.0	1037.2	1166.1	1296.2	1425.2	1541.0	1641.8	1727.1	1794.0
-32.5°	594.5	685.5	793.8	907.5	1028.2	1146.8	1259.0	1364.6	1459.6	1534.0	1590.8
-35°	522.5	599.6	680.6	781.3	885.1	994.2	1097.4	1191.6	1276.3	1341.3	1394.7
-37.5°	460.7	521.6	590.2	662.0	749.0	839.2	932.4	1021.0	1096.5	1153.2	1200.9
-40°	407.1	455.2	510.1	567.0	631.0	695.8	776.9	851.7	913.3	966.3	1009.5
-42.5°	358.7	399.3	439.8	486.5	534.8	586.9	643.8	699.2	746.4	790.8	827.5
-45°	316.9	349.3	381.6	417.7	453.2	495.5	536.2	572.5	610.8	644.0	670.2
-47.5°	280.4	305.6	333.3	360.3	388.8	420.7	451.0	478.6	506.6	530.9	550.4
-50°	247.9	268.9	291.4	312.6	335.6	359.0	381.4	403.3	424.7	443.1	457.5
-52.5°	219.5	237.8	255.4	272.3	290.6	307.8	324.0	342.2	358.9	373.4	383.3
-55°	195.3	210.2	224.7	238.8	252.6	265.7	278.6	292.7	305.6	317.2	324.5
-57.5°	172.5	185.3	197.5	209.0	220.0	230.4	241.3	252.1	262.0	270.8	276.4
-60°	151.9	162.3	172.8	182.2	191.1	199.4	208.5	217.2	225.2	232.0	235.9
-62.5°	133.0	142.3	150.1	157.5	165.0	172.5	179.0	185.4	191.6	196.8	200.2
-65°	113.1	121.1	127.7	133.7	139.1	144.9	150.4	155.4	159.8	163.2	165.4
-67.5°	95.4	101.2	106.6	111.3	116.1	120.8	125.0	128.9	132.2	134.6	136.1
-70°	80.0	84.4	88.8	93.1	97.4	101.0	104.1	107.0	109.6	110.7	111.1
-72.5°	66.5	70.4	74.2	78.0	81.6	84.4	86.7	88.8	90.7	89.1	86.2
-75°	54.2	57.7	61.3	64.6	67.8	69.9	71.6	73.2	74.6	71.1	66.3
-77.5°	44.2	47.2	49.9	52.5	55.1	56.5	57.5	58.6	59.6	55.7	50.8
-80°	32.8	35.2	37.5	39.7	41.8	42.7	43.2	43.5	43.7	40.3	36.4
-82.5°	22.2	23.4	24.7	25.9	27.3	28.0	28.5	28.9	29.2	26.8	24.1
-85°	12.4	12.8	13.1	13.3	13.5	14.0	14.4	14.8	15.1	14.0	12.7
-87.5°	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.0	3.8
-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: P626622 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-735-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	0.8	0.9	1.2	1.3
57.5°	6.1	5.3	4.8	4.3	4.8	5.3	6.1	6.5	6.6	8.5	8.8
55°	40.6	37.8	34.4	30.3	34.4	37.8	40.6	41.3	39.6	36.1	32.6
52.5°	79.6	82.3	83.8	83.7	83.8	82.3	79.6	76.9	74.3	70.7	67.6
50°	104.8	106.3	106.3	105.1	106.3	106.3	104.8	102.4	99.5	95.3	88.7
47.5°	153.6	151.5	148.1	144.4	148.1	151.5	153.6	151.7	147.5	138.8	122.3
45°	268.0	274.4	274.0	265.8	274.0	274.4	268.0	256.2	238.4	222.2	210.4
42.5°	366.2	375.9	382.7	386.2	382.7	375.9	366.2	354.4	333.1	308.5	282.4
40°	461.3	470.6	474.8	474.5	474.8	470.6	461.3	445.4	417.2	383.4	352.5
37.5°	561.8	573.8	579.7	576.9	579.7	573.8	561.8	545.4	520.3	479.4	444.7
35°	699.9	711.2	711.4	705.6	711.4	711.2	699.9	689.3	664.9	613.4	588.0
32.5°	1005.2	1008.9	979.9	969.5	979.9	1008.9	1005.2	962.5	908.7	857.1	799.9
30°	1283.5	1310.3	1335.2	1347.8	1335.2	1310.3	1283.5	1249.1	1214.6	1116.2	1026.5
27.5°	1469.6	1501.9	1521.9	1523.1	1521.9	1501.9	1469.6	1428.2	1373.2	1291.3	1194.2
25°	1638.9	1675.0	1696.8	1704.3	1696.8	1675.0	1638.9	1590.4	1526.3	1442.0	1335.2
22.5°	1816.3	1858.8	1887.0	1892.8	1887.0	1858.8	1816.3	1757.0	1687.2	1599.8	1478.2
20°	2022.1	2071.7	2098.7	2097.6	2098.7	2071.7	2022.1	1946.2	1865.7	1761.5	1629.1
17.5°	2293.1	2346.2	2369.5	2359.3	2369.5	2346.2	2293.1	2195.1	2109.8	1985.0	1838.1
15°	2760.2	2871.2	2870.8	2826.5	2870.8	2871.2	2760.2	2648.0	2538.8	2379.5	2206.3
12.5°	3336.4	3419.1	3504.0	3522.3	3504.0	3419.1	3336.4	3168.7	3047.2	2800.6	2598.8
10°	3616.7	3726.6	3799.2	3797.3	3799.2	3726.6	3616.7	3457.3	3268.0	3056.3	2786.6
7.5°	3792.1	3913.5	4001.5	3999.6	4001.5	3913.5	3792.1	3630.1	3422.1	3185.6	2908.0
5°	3927.5	4062.2	4140.0	4145.8	4140.0	4062.2	3927.5	3745.5	3532.7	3279.2	2995.8
2.5°	3997.7	4138.4	4232.0	4219.7	4232.0	4138.4	3997.7	3818.6	3606.4	3345.5	3057.9
0°	4027.2	4166.3	4253.7	4291.4	4253.7	4166.3	4027.2	3848.8	3630.5	3378.2	3088.3
-2.5°	4014.3	4149.7	4246.2	4250.0	4246.2	4149.7	4014.3	3835.8	3615.6	3364.3	3080.3
-5°	3945.5	4088.4	4153.1	4187.5	4153.1	4088.4	3945.5	3768.7	3556.7	3312.1	3041.2
-7.5°	3834.7	3941.7	4023.9	4061.8	4023.9	3941.7	3834.7	3664.8	3462.5	3227.9	2962.2
-10°	3662.0	3772.8	3842.3	3873.6	3842.3	3772.8	3662.0	3516.2	3329.0	3112.1	2862.9
-12.5°	3470.7	3571.5	3637.5	3663.9	3637.5	3571.5	3470.7	3332.2	3164.3	2966.3	2739.2
-15°	3257.4	3348.8	3409.6	3434.9	3409.6	3348.8	3257.4	3125.6	2972.2	2796.6	2587.1
-17.5°	3022.5	3102.6	3163.2	3181.5	3163.2	3102.6	3022.5	2905.2	2765.0	2609.0	2430.3
-20°	2781.0	2853.4	2903.3	2914.2	2903.3	2853.4	2781.0	2683.1	2554.8	2413.0	2256.9



REPORT NUMBER: P626622 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-735-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°	2537.6	2597.3	2637.8	2651.5	2637.8	2597.3	2537.6	2457.6	2346.1	2224.8	2078.7
-25°	2299.8	2351.3	2383.9	2396.1	2383.9	2351.3	2299.8	2228.9	2136.7	2031.4	1902.9
-27.5°	2071.1	2119.1	2149.1	2153.1	2149.1	2119.1	2071.1	2008.6	1931.1	1834.2	1718.8
-30°	1846.0	1885.7	1908.7	1918.6	1908.7	1885.7	1846.0	1794.0	1727.1	1641.8	1541.0
-32.5°	1635.7	1670.4	1691.1	1696.6	1691.1	1670.4	1635.7	1590.8	1534.0	1459.6	1364.6
-35°	1437.1	1469.1	1487.5	1486.0	1487.5	1469.1	1437.1	1394.7	1341.3	1276.3	1191.6
-37.5°	1240.3	1269.9	1286.6	1285.0	1286.6	1269.9	1240.3	1200.9	1153.2	1096.5	1021.0
-40°	1045.0	1070.5	1085.2	1088.8	1085.2	1070.5	1045.0	1009.5	966.3	913.3	851.7
-42.5°	858.0	881.5	893.3	888.6	893.3	881.5	858.0	827.5	790.8	746.4	699.2
-45°	688.4	700.6	708.6	713.6	708.6	700.6	688.4	670.2	644.0	610.8	572.5
-47.5°	564.7	574.8	580.2	581.2	580.2	574.8	564.7	550.4	530.9	506.6	478.6
-50°	468.7	477.3	481.1	480.0	481.1	477.3	468.7	457.5	443.1	424.7	403.3
-52.5°	390.4	395.3	398.7	400.3	398.7	395.3	390.4	383.3	373.4	358.9	342.2
-55°	330.0	333.9	336.1	336.9	336.1	333.9	330.0	324.5	317.2	305.6	292.7
-57.5°	281.1	284.8	286.2	285.7	286.2	284.8	281.1	276.4	270.8	262.0	252.1
-60°	238.9	241.0	242.6	243.4	242.6	241.0	238.9	235.9	232.0	225.2	217.2
-62.5°	202.9	204.9	206.6	207.5	206.6	204.9	202.9	200.2	196.8	191.6	185.4
-65°	166.9	167.8	168.1	167.7	168.1	167.8	166.9	165.4	163.2	159.8	155.4
-67.5°	137.3	138.0	138.5	138.6	138.5	138.0	137.3	136.1	134.6	132.2	128.9
-70°	111.6	111.9	111.5	110.7	111.5	111.9	111.6	111.1	110.7	109.6	107.0
-72.5°	83.3	80.3	77.3	73.9	77.3	80.3	83.3	86.2	89.1	90.7	88.8
-75°	61.3	56.1	54.2	52.4	54.2	56.1	61.3	66.3	71.1	74.6	73.2
-77.5°	45.6	40.2	38.8	37.4	38.8	40.2	45.6	50.8	55.7	59.6	58.6
-80°	32.4	28.2	27.3	26.4	27.3	28.2	32.4	36.4	40.3	43.7	43.5
-82.5°	21.3	18.4	17.8	17.2	17.8	18.4	21.3	24.1	26.8	29.2	28.9
-85°	11.4	10.1	9.8	9.5	9.8	10.1	11.4	12.7	14.0	15.1	14.8
-87.5°	3.6	3.4	3.4	3.4	3.4	3.4	3.6	3.8	4.0	4.2	4.2
-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: P626622 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-735-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°	1.0	0.5	1.1	1.3	1.0	1.0	1.7	1.6	0.6	2.3	2.8
57.5°	6.7	6.2	8.9	8.6	5.2	7.4	8.8	5.9	4.1	6.5	7.9
55°	29.3	28.7	27.9	26.3	24.1	22.5	22.2	22.2	17.6	12.7	14.5
52.5°	64.3	57.3	52.2	49.7	46.2	40.9	36.6	35.8	34.7	28.7	23.7
50°	82.6	81.4	75.9	67.5	66.7	61.3	53.9	48.8	48.1	44.0	36.5
47.5°	118.8	118.7	107.5	97.3	94.3	89.6	80.2	66.3	65.1	61.6	53.2
45°	192.4	179.0	172.8	153.1	131.7	123.4	115.5	98.9	85.2	79.9	74.0
42.5°	260.6	240.7	224.3	204.6	181.0	160.4	145.6	127.3	110.9	99.5	91.0
40°	324.5	292.5	269.7	244.9	219.2	193.6	175.4	152.4	133.6	118.4	109.3
37.5°	404.4	360.3	335.1	296.4	264.1	237.6	214.2	184.9	154.8	142.4	131.2
35°	521.9	469.8	440.2	393.2	327.8	304.4	274.0	230.0	191.9	170.6	156.8
32.5°	732.8	654.8	600.4	537.6	451.0	389.4	349.0	300.2	239.0	208.4	185.5
30°	946.9	841.5	765.3	701.5	586.5	495.7	433.3	364.2	298.3	248.5	217.5
27.5°	1092.0	988.4	893.5	801.8	708.6	603.3	509.8	421.0	349.0	293.4	253.3
25°	1219.3	1102.1	995.2	895.9	796.3	693.9	580.6	481.0	396.4	332.7	280.4
22.5°	1345.3	1220.7	1099.6	984.0	882.9	773.4	653.8	539.1	441.9	375.9	313.1
20°	1488.1	1344.7	1204.8	1095.6	980.5	855.6	722.5	613.2	518.0	427.6	348.8
17.5°	1692.5	1500.9	1372.4	1249.4	1099.9	947.1	831.6	717.0	599.8	482.1	386.3
15°	1969.4	1771.4	1624.3	1455.7	1250.4	1092.7	965.6	826.4	687.5	546.7	430.9
12.5°	2298.7	2058.5	1885.1	1645.1	1414.1	1243.4	1099.8	944.0	773.4	605.1	472.4
10°	2505.9	2246.9	2000.0	1769.5	1558.7	1383.0	1202.6	1012.3	822.6	649.1	508.3
7.5°	2615.9	2339.9	2085.1	1854.6	1639.5	1436.2	1244.0	1052.3	862.1	683.5	538.6
5°	2689.1	2409.0	2142.9	1896.5	1676.5	1471.8	1274.9	1079.5	891.9	708.9	563.4
2.5°	2743.1	2454.0	2179.9	1920.8	1697.2	1493.4	1294.6	1095.3	907.4	722.5	572.1
0°	2769.8	2468.2	2193.5	1936.9	1706.7	1498.0	1302.1	1101.0	911.0	728.3	575.7
-2.5°	2764.4	2459.2	2182.0	1936.5	1707.4	1493.7	1303.1	1104.1	912.0	732.6	578.2
-5°	2736.0	2443.8	2168.7	1922.9	1697.3	1483.4	1292.9	1097.4	904.8	729.2	575.8
-7.5°	2678.4	2397.8	2130.9	1891.7	1671.2	1462.1	1272.2	1080.8	890.3	717.3	568.6
-10°	2591.8	2324.3	2070.4	1844.0	1629.2	1427.3	1241.4	1052.8	866.4	697.8	556.1
-12.5°	2484.6	2232.0	1989.9	1779.3	1574.2	1381.3	1199.8	1013.3	833.2	670.6	538.4
-15°	2353.5	2126.8	1908.0	1703.7	1509.7	1323.0	1145.6	964.2	790.9	635.7	515.3
-17.5°	2220.7	2010.2	1804.9	1611.0	1431.3	1253.9	1081.9	909.5	743.8	598.0	488.4
-20°	2072.8	1878.4	1688.5	1512.6	1345.0	1176.6	1010.8	845.1	689.7	562.7	464.5



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REPORT NUMBER: P626622 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-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°	1912.3	1738.7	1566.7	1408.1	1251.3	1089.8	931.1	774.7	627.3	523.2	437.4
-25°	1749.7	1592.0	1437.9	1292.0	1144.9	992.4	845.8	703.0	581.2	485.9	408.2
-27.5°	1586.5	1443.7	1301.5	1166.6	1028.2	893.9	759.9	630.4	531.2	450.2	380.9
-30°	1425.2	1296.2	1166.1	1037.2	912.0	789.3	669.6	571.5	485.2	412.0	350.4
-32.5°	1259.0	1146.8	1028.2	907.5	793.8	685.5	594.5	511.8	437.3	376.8	323.3
-35°	1097.4	994.2	885.1	781.3	680.6	599.6	522.5	454.9	395.3	341.8	296.3
-37.5°	932.4	839.2	749.0	662.0	590.2	521.6	460.7	405.5	353.9	311.4	272.2
-40°	776.9	695.8	631.0	567.0	510.1	455.2	407.1	359.7	319.9	282.5	248.7
-42.5°	643.8	586.9	534.8	486.5	439.8	399.3	358.7	321.8	287.1	255.7	227.6
-45°	536.2	495.5	453.2	417.7	381.6	349.3	316.9	286.5	257.3	231.7	206.9
-47.5°	451.0	420.7	388.8	360.3	333.3	305.6	280.4	254.2	231.6	208.8	188.0
-50°	381.4	359.0	335.6	312.6	291.4	268.9	247.9	227.3	207.4	188.5	169.6
-52.5°	324.0	307.8	290.6	272.3	255.4	237.8	219.5	202.9	185.7	169.1	152.6
-55°	278.6	265.7	252.6	238.8	224.7	210.2	195.3	180.4	165.6	150.4	138.0
-57.5°	241.3	230.4	220.0	209.0	197.5	185.3	172.5	159.3	147.2	135.7	124.4
-60°	208.5	199.4	191.1	182.2	172.8	162.3	151.9	141.4	131.0	121.0	111.3
-62.5°	179.0	172.5	165.0	157.5	150.1	142.3	133.0	123.7	114.9	106.3	98.3
-65°	150.4	144.9	139.1	133.7	127.7	121.1	113.1	105.9	98.9	91.9	85.3
-67.5°	125.0	120.8	116.1	111.3	106.6	101.2	95.4	89.4	83.8	78.0	73.1
-70°	104.1	101.0	97.4	93.1	88.8	84.4	80.0	75.3	70.2	65.0	61.1
-72.5°	86.7	84.4	81.6	78.0	74.2	70.4	66.5	62.3	57.8	53.1	49.2
-75°	71.6	69.9	67.8	64.6	61.3	57.7	54.2	50.4	46.1	41.2	37.3
-77.5°	57.5	56.5	55.1	52.5	49.9	47.2	44.2	39.7	35.3	31.1	28.3
-80°	43.2	42.7	41.8	39.7	37.5	35.2	32.8	29.4	26.2	23.2	20.8
-82.5°	28.5	28.0	27.3	25.9	24.7	23.4	22.2	19.9	17.7	15.5	13.6
-85°	14.4	14.0	13.5	13.3	13.1	12.8	12.4	11.1	9.9	8.7	7.6
-87.5°	4.2	4.2	4.2	4.2	4.2	4.3	4.3	3.9	3.6	3.3	3.0
-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: P626622 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-735-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	0.6	0.5	0.4	0.3
62.5°	0.6	0.3	0.8	1.1	0.7	0.5	0.4	1.3	0.8	0.6	0.4
60°	1.4	1.1	2.1	3.2	2.3	0.9	1.3	2.2	2.0	0.7	0.6
57.5°	7.1	3.2	4.8	6.2	5.9	3.3	2.7	3.8	3.4	2.0	0.8
55°	14.8	12.5	9.9	9.9	10.0	7.9	5.6	5.8	5.2	3.7	1.1
52.5°	22.4	21.7	19.3	15.7	14.4	13.0	10.7	8.3	7.7	5.5	2.9
50°	31.9	30.2	28.3	24.6	19.9	18.1	15.6	12.6	10.4	7.7	4.8
47.5°	42.8	39.8	36.9	33.4	28.3	23.4	20.7	17.1	13.5	10.5	6.7
45°	59.8	49.9	46.1	42.0	36.7	30.7	26.0	21.5	17.5	13.4	8.6
42.5°	77.2	63.5	55.5	50.8	45.4	38.6	31.5	26.5	21.4	16.3	10.9
40°	94.8	77.8	65.6	59.9	54.3	46.4	38.4	31.6	25.2	19.2	13.4
37.5°	113.8	93.8	77.3	69.2	63.3	54.9	45.5	36.9	29.2	22.5	15.8
35°	137.4	112.8	90.0	80.0	72.2	63.5	52.5	42.6	33.9	25.7	18.2
32.5°	164.0	133.8	108.3	91.8	81.1	72.2	60.0	49.0	38.7	28.9	20.6
30°	190.4	155.3	125.7	103.5	90.7	80.5	68.0	55.5	43.7	32.1	23.0
27.5°	210.6	173.9	141.9	117.6	101.2	88.6	75.9	62.0	48.7	35.7	25.6
25°	231.2	191.2	157.7	131.4	111.5	97.0	83.5	68.5	54.0	39.8	28.2
22.5°	255.2	207.6	170.9	143.8	122.4	105.4	90.8	75.1	59.4	43.8	30.7
20°	278.8	222.7	183.2	158.3	134.4	114.9	97.9	81.4	64.7	47.8	33.1
17.5°	302.9	243.9	203.4	173.3	146.8	124.2	105.0	87.3	69.8	51.7	35.5
15°	339.3	272.2	223.9	188.2	158.7	133.3	111.9	92.9	74.8	55.4	37.5
12.5°	373.5	298.9	243.7	202.7	170.2	142.2	118.6	98.2	79.5	58.5	39.3
10°	403.8	323.7	262.8	216.6	181.1	150.7	125.0	102.3	82.3	61.0	40.8
7.5°	430.2	346.5	280.7	229.9	190.4	156.5	128.3	104.5	84.4	63.1	42.2
5°	450.3	362.0	290.5	235.3	193.9	159.1	130.6	106.2	86.1	65.0	43.4
2.5°	457.0	367.2	294.4	238.3	196.4	161.0	132.4	107.6	87.4	66.5	44.3
0°	460.1	369.7	296.4	240.0	198.0	162.2	133.6	108.5	88.3	67.7	45.1
-2.5°	463.5	373.1	299.2	242.7	199.7	163.8	134.9	109.9	89.6	69.0	46.4
-5°	463.2	373.7	300.1	244.0	200.3	164.6	135.7	111.0	90.5	70.0	47.5
-7.5°	458.3	370.8	299.0	243.7	200.0	164.7	135.9	111.6	91.0	70.6	48.3
-10°	449.6	364.8	295.6	241.5	198.7	164.0	135.6	111.8	91.2	70.9	48.9
-12.5°	437.3	356.2	290.2	237.9	196.3	162.4	134.6	111.3	91.1	70.8	49.2
-15°	421.4	345.2	282.7	232.9	192.9	160.2	133.0	110.2	90.3	70.3	49.3
-17.5°	402.3	331.8	273.1	226.5	188.4	157.1	130.8	108.7	89.2	69.4	49.2
-20°	384.5	317.7	262.1	218.8	182.9	153.3	128.0	106.7	87.9	68.2	49.0

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REPORT NUMBER: P626622 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-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°	364.6	303.1	252.4	211.4	177.0	148.8	124.7	104.4	86.3	66.9	48.5
-25°	341.8	286.5	241.2	203.2	171.3	144.5	121.2	101.7	84.5	65.3	47.9
-27.5°	320.4	269.4	228.7	193.6	164.7	139.6	117.7	99.2	82.3	63.6	47.0
-30°	298.6	254.5	216.7	183.7	157.5	134.0	113.8	96.5	79.9	62.1	46.0
-32.5°	276.5	238.3	203.9	175.0	150.5	128.1	109.6	93.6	77.4	60.7	45.1
-35°	257.4	222.3	190.1	165.7	143.3	123.0	105.3	90.5	74.8	59.0	44.2
-37.5°	237.1	206.1	179.4	156.5	135.6	117.5	101.3	86.9	72.2	57.1	43.0
-40°	218.9	191.0	167.8	147.6	128.6	111.5	96.8	83.1	69.7	55.1	41.7
-42.5°	200.4	177.3	156.5	137.9	121.6	106.1	91.9	78.9	66.5	53.1	40.2
-45°	184.2	163.2	144.8	129.3	114.4	100.1	87.1	74.6	63.1	51.2	38.6
-47.5°	167.5	149.6	134.0	120.2	107.2	93.9	82.0	70.7	59.5	49.0	37.0
-50°	151.8	136.7	123.8	111.4	99.3	88.1	76.9	66.6	56.3	46.1	35.2
-52.5°	137.9	125.4	113.8	102.6	92.1	82.0	72.4	62.5	52.9	43.2	33.2
-55°	125.7	114.5	104.1	94.3	85.0	76.6	67.7	58.6	49.4	40.3	31.0
-57.5°	113.9	103.8	95.0	86.3	78.3	71.1	63.2	54.6	45.8	37.2	29.1
-60°	102.1	94.0	86.1	78.8	71.9	65.3	58.7	50.4	42.1	34.0	26.8
-62.5°	90.7	83.9	77.9	71.5	65.2	59.4	54.0	46.1	38.3	30.9	24.2
-65°	79.6	74.4	69.5	63.5	58.0	53.2	48.7	41.7	34.3	27.5	21.5
-67.5°	68.6	64.3	59.9	55.1	51.0	47.1	43.1	36.7	30.0	24.0	18.8
-70°	57.5	53.9	50.7	47.7	44.3	40.8	36.8	31.4	25.5	20.6	16.0
-72.5°	46.6	44.4	42.6	40.4	37.5	34.2	30.5	26.0	21.5	17.1	13.0
-75°	35.9	35.5	34.9	33.5	30.7	27.7	24.7	21.2	17.3	13.6	10.6
-77.5°	28.3	28.1	27.7	26.7	24.3	21.8	19.2	16.3	13.3	10.8	8.4
-80°	21.0	20.9	20.8	20.2	18.1	16.0	14.1	12.3	10.1	8.0	6.0
-82.5°	13.8	14.0	14.1	13.9	12.5	11.1	9.8	8.5	6.8	5.2	4.0
-85°	7.9	8.0	8.0	7.9	7.1	6.2	5.7	5.1	4.2	3.4	2.7
-87.5°	3.3	3.4	3.6	3.7	3.4	3.1	2.9	2.6	2.1	1.7	1.4
-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: P626622 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-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	0.6	0.4	0.3	0.3	0.2	0.0
55°	1.3	0.7	0.5	0.3	0.3	0.2	0.0
52.5°	1.8	0.8	0.6	0.3	0.3	0.2	0.0
50°	2.3	1.4	0.7	0.3	0.3	0.2	0.0
47.5°	3.1	1.9	0.8	0.3	0.3	0.2	0.0
45°	4.8	2.5	0.9	0.4	0.3	0.2	0.0
42.5°	6.4	3.2	1.0	0.5	0.3	0.2	0.0
40°	8.1	3.8	1.3	0.6	0.4	0.2	0.0
37.5°	9.7	4.5	1.8	0.7	0.4	0.2	0.0
35°	11.3	5.6	2.4	0.9	0.4	0.2	0.0
32.5°	13.0	6.9	2.9	1.0	0.4	0.3	0.0
30°	15.0	8.2	3.4	1.2	0.4	0.3	0.0
27.5°	16.8	9.4	4.1	1.4	0.4	0.3	0.0
25°	18.6	10.5	4.7	1.5	0.4	0.3	0.0
22.5°	20.3	11.7	5.3	1.7	0.5	0.3	0.0
20°	22.0	12.8	5.9	1.9	0.5	0.3	0.0
17.5°	23.5	13.8	6.4	2.1	0.5	0.3	0.0
15°	24.9	14.8	7.0	2.3	0.5	0.3	0.0
12.5°	26.2	15.7	7.5	2.5	0.5	0.3	0.0
10°	27.3	16.5	8.0	2.7	0.5	0.3	0.0
7.5°	28.4	17.3	8.4	2.9	0.6	0.3	0.0
5°	29.3	17.9	8.8	3.1	0.6	0.3	0.0
2.5°	30.1	18.5	9.2	3.2	0.6	0.3	0.0
0°	30.7	19.0	9.5	3.4	0.6	0.3	0.0
-2.5°	31.5	19.6	9.9	3.6	0.7	0.3	0.0
-5°	32.2	20.1	10.3	3.8	0.8	0.3	0.0
-7.5°	32.8	20.5	10.6	4.0	0.9	0.4	0.0
-10°	33.1	20.8	10.9	4.1	1.0	0.4	0.0
-12.5°	33.4	21.0	11.1	4.3	1.0	0.4	0.0
-15°	33.4	21.1	11.2	4.4	1.1	0.4	0.0
-17.5°	33.3	21.1	11.3	4.4	1.2	0.4	0.0
-20°	33.2	21.0	11.3	4.5	1.3	0.4	0.0

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CATALOG NUMBER: GFLD-SA1B-735-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	33.2	20.7	11.2	4.5	1.3	0.4	0.0
-25°	33.1	20.7	11.0	4.5	1.4	0.4	0.0
-27.5°	32.8	20.6	10.8	4.5	1.4	0.5	0.0
-30°	32.3	20.4	10.4	4.4	1.4	0.5	0.0
-32.5°	31.6	20.0	10.3	4.3	1.5	0.5	0.0
-35°	31.0	19.5	10.1	4.2	1.5	0.5	0.0
-37.5°	30.3	19.0	9.8	4.1	1.5	0.5	0.0
-40°	29.4	18.5	9.4	3.9	1.5	0.5	0.0
-42.5°	28.4	18.0	9.1	3.7	1.5	0.4	0.0
-45°	27.2	17.3	8.9	3.6	1.4	0.4	0.0
-47.5°	25.8	16.4	8.7	3.4	1.4	0.4	0.0
-50°	24.6	15.5	8.3	3.3	1.4	0.4	0.0
-52.5°	23.3	14.5	7.9	3.3	1.3	0.4	0.0
-55°	21.9	13.6	7.3	3.2	1.2	0.4	0.0
-57.5°	20.3	12.7	6.7	3.0	1.2	0.4	0.0
-60°	18.6	11.6	6.0	2.9	1.1	0.3	0.0
-62.5°	17.0	10.5	5.6	2.7	1.0	0.3	0.0
-65°	15.2	9.2	5.1	2.4	0.9	0.3	0.0
-67.5°	13.2	8.0	4.6	2.1	0.9	0.3	0.0
-70°	11.1	7.0	4.0	1.8	0.8	0.2	0.0
-72.5°	9.5	6.0	3.3	1.6	0.7	0.2	0.0
-75°	7.8	4.8	2.6	1.4	0.6	0.2	0.0
-77.5°	6.0	3.7	2.2	1.2	0.5	0.2	0.0
-80°	4.2	2.8	1.8	1.0	0.4	0.1	0.0
-82.5°	3.1	2.1	1.3	0.7	0.3	0.1	0.0
-85°	2.1	1.4	0.9	0.5	0.2	0.1	0.0
-87.5°	1.0	0.7	0.5	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)