

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: P626713 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-722-U-WR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626713 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1D-722-U-WR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N9  
Light Source: (16) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

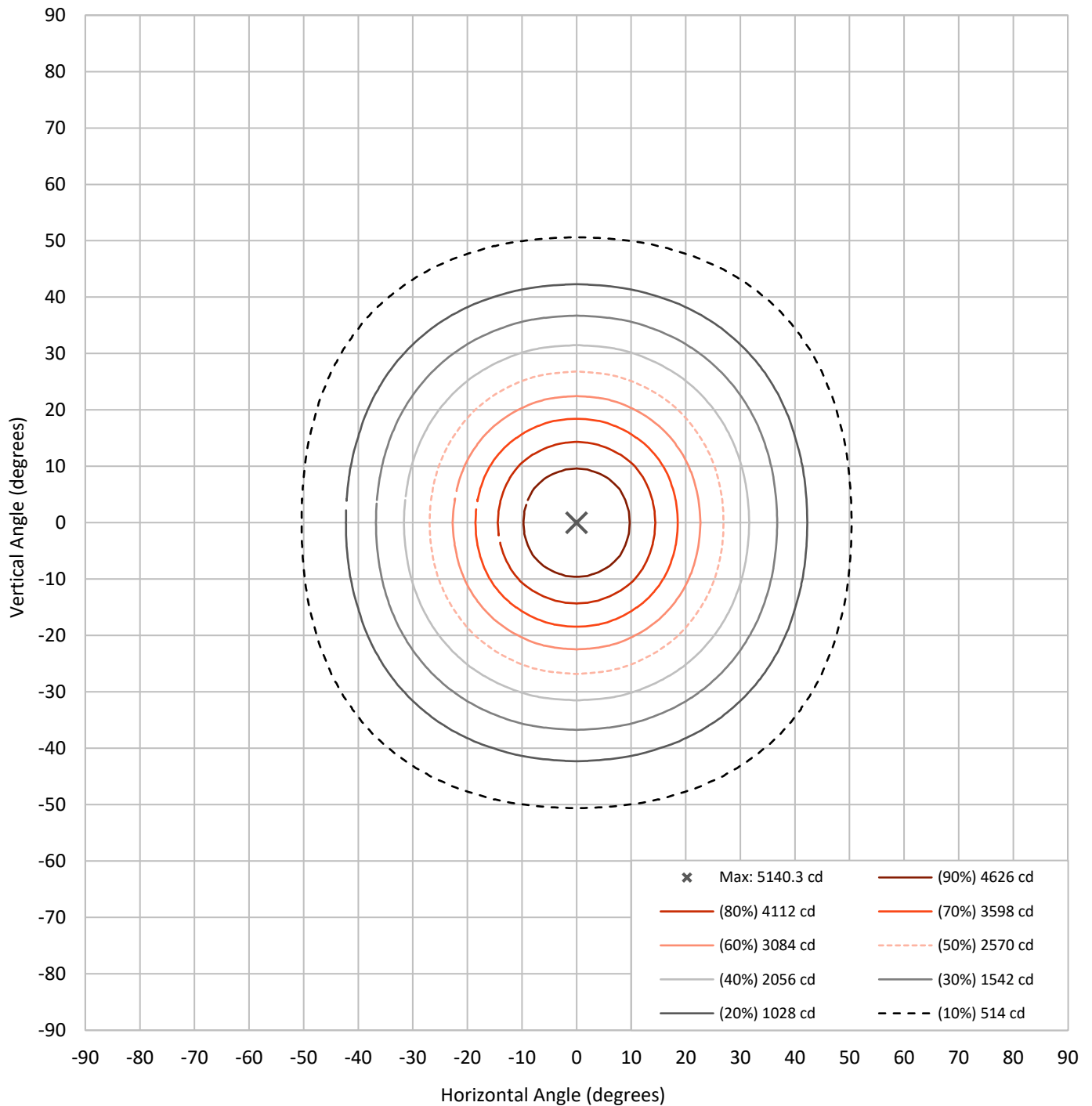
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	5231.6 lumens	Max Intensity:	5140.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	91.3 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	2501.4 lumens	Field Lumens:	4617.1 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	57.3		
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





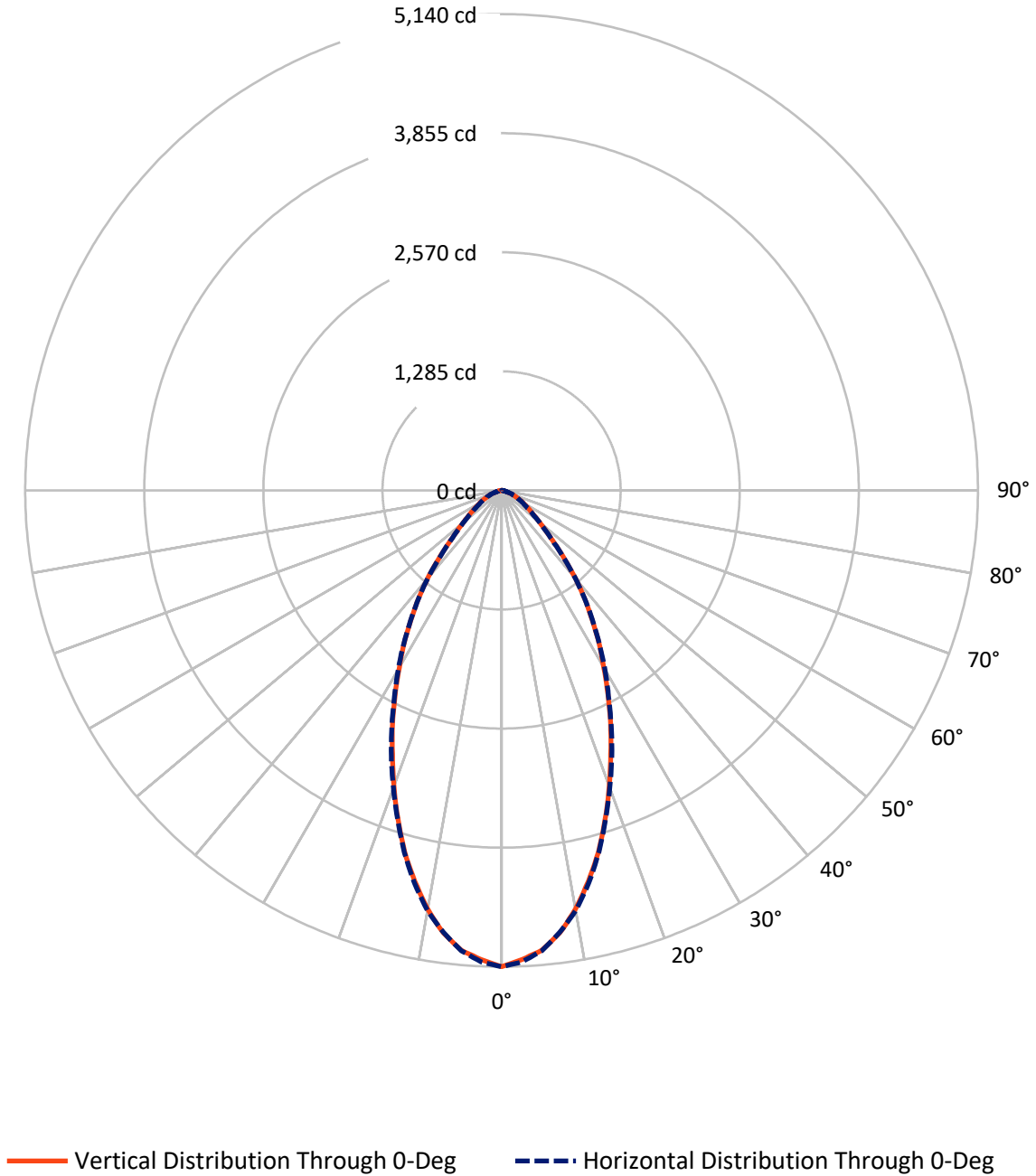
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### Lumen Table

90																			
80	0.2	1.4		3.3		5.5		4.7		5.5		3.3		1.4		0.2			
70																			
60	0.7	0.8	1.5	2.4	3.5	4.5	5.3	5.7	5.7	5.3	4.5	3.5	2.4	1.5	0.8	0.7			
50		1.1	2.3	3.9	6.0	8.3	10.3	11.5	11.5	10.3	8.3	6.0	3.9	2.3	1.1				
40	1.0	1.4	3.1	5.9	9.9	15.2	20.9	24.8	24.8	20.9	15.2	9.9	5.9	3.1	1.4	1.0			
30		1.8	4.1	8.5	16.6	29.4	42.8	50.7	50.7	42.8	29.4	16.6	8.5	4.1	1.8				
20	1.2	2.0	5.1	11.9	26.8	48.2	68.9	82.4	82.4	68.9	48.2	26.8	11.9	5.1	2.0	1.2			
10		2.3	6.0	15.5	36.6	65.1	96.1	118.2	118.2	96.1	65.1	36.6	15.5	6.0	2.3				
0	1.2	2.4	6.5	17.8	42.1	75.6	115.1	144.8	144.8	115.1	75.6	42.1	17.8	6.5	2.4	1.2			
-10		2.4	6.5	17.8	42.1	75.6	115.1	144.8	144.8	115.1	75.6	42.1	17.8	6.5	2.4				
-20	1.2	2.3	6.0	15.5	36.6	65.1	96.1	118.2	118.2	96.1	65.1	36.6	15.5	6.0	2.3	1.2			
-30		2.0	5.1	11.9	26.8	48.2	68.9	82.4	82.4	68.9	48.2	26.8	11.9	5.1	2.0				
-40	1.0	1.8	4.1	8.5	16.6	29.4	42.8	50.7	50.7	42.8	29.4	16.6	8.5	4.1	1.8	1.0			
-50		1.4	3.1	5.9	9.9	15.2	20.9	24.8	24.8	20.9	15.2	9.9	5.9	3.1	1.4				
-60	0.7	1.1	2.3	3.9	6.0	8.3	10.3	11.5	11.5	10.3	8.3	6.0	3.9	2.3	1.1	0.7			
-70		0.8	1.5	2.4	3.5	4.5	5.3	5.7	5.7	5.3	4.5	3.5	2.4	1.5	0.8				
-80	0.2	1.4		3.3		5.5		4.7		5.5		3.3		1.4		0.2			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

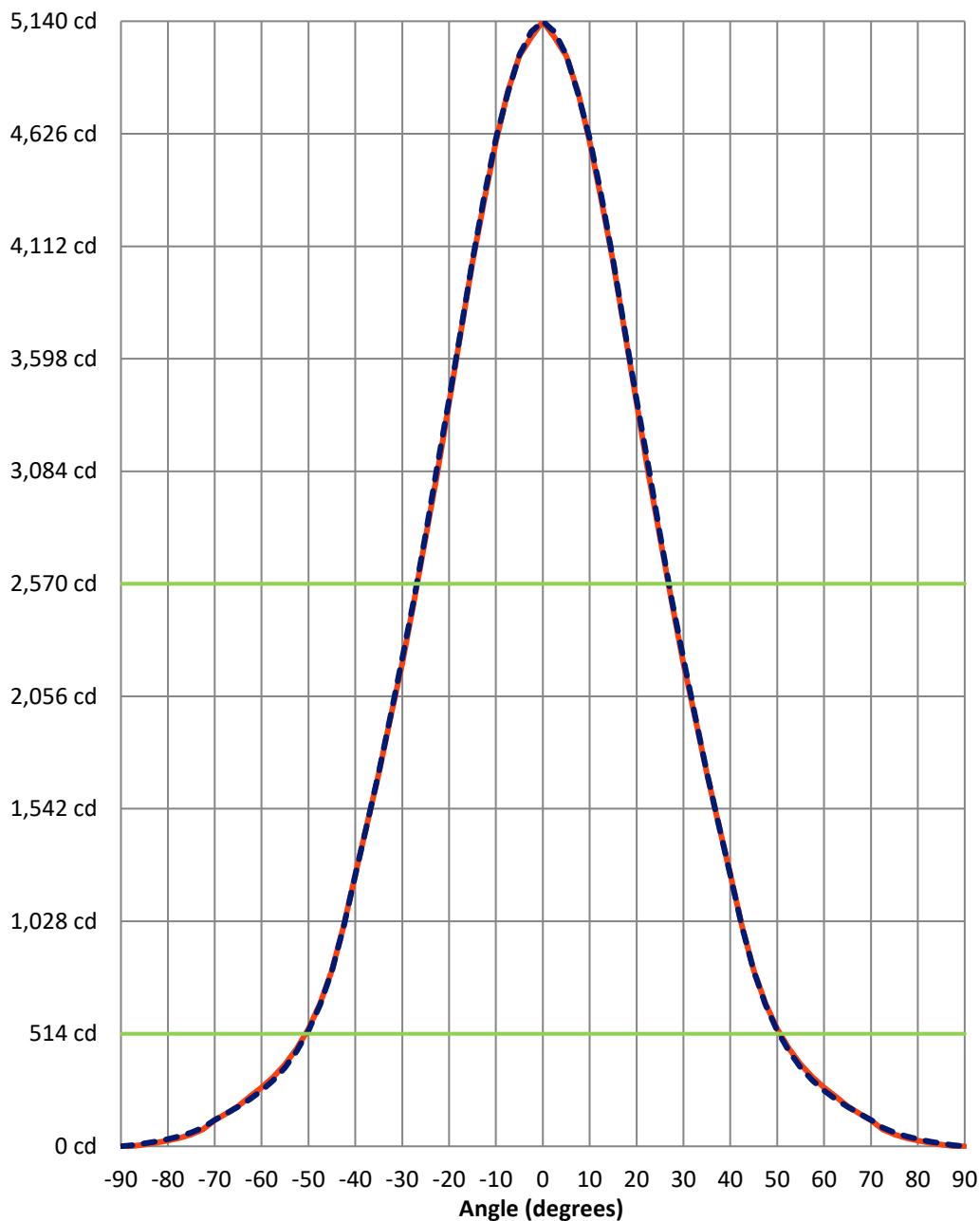
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 53.8°  
 V Angle: 53.6°  
 Lumens: 2501.4  
 Efficiency: 47.8%

**Field:**  
 H Angle: 100.8°  
 V Angle: 101.2°  
 Lumens: 4617.1  
 Efficiency: 88.3%

**Spill:**  
 Lumens: 614.5  
 Efficiency: 11.7%

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

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.3	0.6	1.0	1.4	1.9	2.4	2.7	2.9	3.1	3.2
85°	0.0	0.5	1.2	2.0	2.8	3.8	4.9	5.4	5.8	6.2	6.4
82.5°	0.0	0.8	1.8	2.9	4.2	5.7	7.3	8.1	8.9	10.3	11.6
80°	0.0	1.0	2.4	3.9	5.6	7.5	9.9	12.3	14.4	16.2	17.9
77.5°	0.0	1.3	3.0	4.8	7.0	9.8	14.1	17.2	19.8	22.1	24.5
75°	0.0	1.5	3.5	5.8	8.4	12.8	18.2	22.1	25.3	28.4	31.8
72.5°	0.0	1.8	4.1	6.7	10.5	15.7	22.2	27.0	30.7	34.8	39.1
70°	0.0	2.0	4.6	7.7	12.4	18.6	26.0	31.6	36.1	41.0	46.7
67.5°	0.0	2.3	5.2	8.8	14.3	21.3	29.3	36.0	41.4	47.5	54.3
65°	0.0	2.5	5.7	10.0	16.1	23.7	32.4	40.4	46.6	53.7	61.5
62.5°	0.0	2.7	6.2	11.1	17.8	26.0	35.4	44.6	51.6	59.6	68.2
60°	0.0	2.9	6.7	12.1	19.3	28.1	38.1	48.5	56.3	65.4	74.7
57.5°	0.0	3.1	7.2	13.1	20.8	30.1	40.6	52.0	61.1	70.9	80.7
55°	0.0	3.3	7.8	13.9	22.1	31.9	42.9	54.8	65.8	76.3	86.4
52.5°	0.0	3.5	8.3	14.7	23.4	33.6	45.0	57.9	70.4	81.4	92.0
50°	0.0	3.7	8.8	15.5	24.5	35.1	46.9	60.8	74.7	86.3	98.1
47.5°	0.0	3.9	9.3	16.1	25.5	36.5	48.7	63.4	79.0	91.2	104.1
45°	0.0	4.1	9.8	16.8	26.4	37.7	50.7	65.7	82.1	96.4	109.9
42.5°	0.0	4.2	10.2	17.4	27.2	38.7	52.4	68.0	85.0	101.4	115.9
40°	0.0	4.3	10.6	18.0	27.8	39.6	54.0	70.3	87.8	106.1	121.8
37.5°	0.0	4.5	11.0	18.6	28.5	40.3	55.3	72.3	90.8	109.7	127.3
35°	0.0	4.6	11.4	19.2	29.0	41.2	56.4	74.2	93.7	113.8	132.9
32.5°	0.0	4.7	11.7	19.8	29.3	41.9	57.4	75.7	96.5	117.9	138.7
30°	0.0	4.8	12.0	20.3	29.6	42.6	58.6	77.3	99.2	122.1	144.2
27.5°	0.0	4.9	12.3	20.7	30.2	43.0	59.5	79.2	101.9	126.2	149.3
25°	0.0	5.0	12.5	21.1	30.8	43.2	60.2	80.9	105.0	130.3	154.1
22.5°	0.0	5.0	12.7	21.4	31.4	43.6	60.7	82.4	107.9	134.1	159.3
20°	0.0	5.1	12.9	21.6	31.8	44.4	61.0	83.7	110.7	137.4	163.9
17.5°	0.0	5.1	13.0	21.9	32.2	45.0	61.7	84.7	113.2	140.4	168.0
15°	0.0	5.2	13.1	22.0	32.5	45.6	62.6	85.7	115.5	143.0	171.6
12.5°	0.0	5.2	13.2	22.1	32.8	45.9	63.2	86.6	117.5	145.1	174.5
10°	0.0	5.2	13.2	22.2	32.9	46.2	63.5	87.1	119.0	146.9	176.9
7.5°	0.0	5.2	13.2	22.1	33.0	46.3	63.7	87.2	120.0	148.3	178.8
5°	0.0	5.2	13.2	22.1	33.0	46.3	63.6	86.9	120.6	149.3	180.0
2.5°	0.0	5.1	13.2	22.0	32.9	46.1	63.4	86.3	120.7	149.7	180.6
0°	0.0	5.1	13.1	21.8	32.7	45.8	62.9	85.4	120.3	149.7	180.6
-2.5°	0.0	5.1	13.2	22.0	32.9	46.1	63.4	86.3	120.7	149.7	180.6
-5°	0.0	5.2	13.2	22.1	33.0	46.3	63.6	86.9	120.6	149.3	180.0
-7.5°	0.0	5.2	13.2	22.1	33.0	46.3	63.7	87.2	120.0	148.3	178.8
-10°	0.0	5.2	13.2	22.2	32.9	46.2	63.5	87.1	119.0	146.9	176.9
-12.5°	0.0	5.2	13.2	22.1	32.8	45.9	63.2	86.6	117.5	145.1	174.5
-15°	0.0	5.2	13.1	22.0	32.5	45.6	62.6	85.7	115.5	143.0	171.6
-17.5°	0.0	5.1	13.0	21.9	32.2	45.0	61.7	84.7	113.2	140.4	168.0
-20°	0.0	5.1	12.9	21.6	31.8	44.4	61.0	83.7	110.7	137.4	163.9

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CATALOG NUMBER: GFLD-SA1D-722-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.0	12.7	21.4	31.4	43.6	60.7	82.4	107.9	134.1	159.3
-25°	0.0	5.0	12.5	21.1	30.8	43.2	60.2	80.9	105.0	130.3	154.1
-27.5°	0.0	4.9	12.3	20.7	30.2	43.0	59.5	79.2	101.9	126.2	149.3
-30°	0.0	4.8	12.0	20.3	29.6	42.6	58.6	77.3	99.2	122.1	144.2
-32.5°	0.0	4.7	11.7	19.8	29.3	41.9	57.4	75.7	96.5	117.9	138.7
-35°	0.0	4.6	11.4	19.2	29.0	41.2	56.4	74.2	93.7	113.8	132.9
-37.5°	0.0	4.5	11.0	18.6	28.5	40.3	55.3	72.3	90.8	109.7	127.3
-40°	0.0	4.3	10.6	18.0	27.8	39.6	54.0	70.3	87.8	106.1	121.8
-42.5°	0.0	4.2	10.2	17.4	27.2	38.7	52.4	68.0	85.0	101.4	115.9
-45°	0.0	4.1	9.8	16.8	26.4	37.7	50.7	65.7	82.1	96.4	109.9
-47.5°	0.0	3.9	9.3	16.1	25.5	36.5	48.7	63.4	79.0	91.2	104.1
-50°	0.0	3.7	8.8	15.5	24.5	35.1	46.9	60.8	74.7	86.3	98.1
-52.5°	0.0	3.5	8.3	14.7	23.4	33.6	45.0	57.9	70.4	81.4	92.0
-55°	0.0	3.3	7.8	13.9	22.1	31.9	42.9	54.8	65.8	76.3	86.4
-57.5°	0.0	3.1	7.2	13.1	20.8	30.1	40.6	52.0	61.1	70.9	80.7
-60°	0.0	2.9	6.7	12.1	19.3	28.1	38.1	48.5	56.3	65.4	74.7
-62.5°	0.0	2.7	6.2	11.1	17.8	26.0	35.4	44.6	51.6	59.6	68.2
-65°	0.0	2.5	5.7	10.0	16.1	23.7	32.4	40.4	46.6	53.7	61.5
-67.5°	0.0	2.3	5.2	8.8	14.3	21.3	29.3	36.0	41.4	47.5	54.3
-70°	0.0	2.0	4.6	7.7	12.4	18.6	26.0	31.6	36.1	41.0	46.7
-72.5°	0.0	1.8	4.1	6.7	10.5	15.7	22.2	27.0	30.7	34.8	39.1
-75°	0.0	1.5	3.5	5.8	8.4	12.8	18.2	22.1	25.3	28.4	31.8
-77.5°	0.0	1.3	3.0	4.8	7.0	9.8	14.1	17.2	19.8	22.1	24.5
-80°	0.0	1.0	2.4	3.9	5.6	7.5	9.9	12.3	14.4	16.2	17.9
-82.5°	0.0	0.8	1.8	2.9	4.2	5.7	7.3	8.1	8.9	10.3	11.6
-85°	0.0	0.5	1.2	2.0	2.8	3.8	4.9	5.4	5.8	6.2	6.4
-87.5°	0.0	0.3	0.6	1.0	1.4	1.9	2.4	2.7	2.9	3.1	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





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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.3	3.3	3.2	3.1	3.0	2.8	2.6	2.3	2.4	2.5	2.6
85°	6.5	6.5	7.1	7.6	7.8	7.9	7.7	7.4	8.4	9.4	10.6
82.5°	12.8	13.9	14.9	15.9	16.0	15.8	15.3	14.7	16.7	19.0	21.5
80°	19.6	21.2	23.1	24.9	25.3	25.1	24.6	23.7	26.2	29.9	33.8
77.5°	27.2	29.8	32.2	34.5	35.1	35.0	34.6	33.9	37.1	42.2	47.4
75°	35.2	38.4	41.5	44.2	45.4	45.5	45.4	46.2	50.4	56.3	61.5
72.5°	43.6	47.6	51.1	54.1	56.0	57.4	59.3	61.7	66.0	71.8	76.9
70°	52.4	56.9	60.6	63.9	66.8	69.9	74.0	77.9	82.5	88.3	93.6
67.5°	61.1	65.7	69.8	73.9	79.2	84.2	89.2	94.4	100.2	106.2	111.6
65°	69.2	74.3	79.4	85.4	92.2	97.9	104.1	110.8	118.4	125.2	131.4
62.5°	77.0	82.7	89.1	96.3	103.7	110.8	119.1	127.8	136.6	145.1	153.6
60°	83.6	90.7	98.4	106.5	115.0	124.8	134.5	144.8	155.3	165.6	176.1
57.5°	89.9	98.7	107.5	117.0	127.6	138.7	150.4	162.1	174.7	187.1	199.0
55°	96.4	106.8	116.9	128.1	140.3	153.3	166.5	180.6	194.6	210.2	224.7
52.5°	103.4	114.7	126.5	139.4	153.6	168.3	183.7	200.0	217.3	234.7	252.3
50°	110.2	123.0	136.1	151.5	167.4	184.2	202.0	220.9	241.1	261.2	282.6
47.5°	117.3	130.9	147.0	163.7	182.0	201.1	221.2	243.7	266.1	291.5	316.0
45°	124.3	140.0	157.4	176.9	196.9	218.4	242.4	267.1	295.7	324.3	356.5
42.5°	131.0	149.2	168.8	189.6	212.4	237.1	263.7	294.7	326.9	362.4	400.2
40°	138.8	157.9	180.1	203.3	227.9	256.2	288.2	322.6	361.9	404.0	446.9
37.5°	146.3	167.8	191.1	216.3	244.9	276.8	312.1	354.3	399.7	447.5	505.9
35°	153.4	177.1	202.5	230.1	261.1	298.1	340.3	386.9	439.2	500.9	569.0
32.5°	160.9	186.0	213.3	244.2	279.4	319.8	367.6	422.6	484.5	554.6	639.9
30°	168.4	195.2	224.0	257.5	296.6	343.3	397.7	458.5	529.6	617.6	717.7
27.5°	175.4	203.7	235.3	271.5	313.3	364.9	426.6	497.8	581.6	681.1	798.0
25°	181.8	211.5	245.7	284.9	331.7	388.4	455.2	534.0	633.7	752.3	896.1
22.5°	187.9	218.6	255.1	296.9	348.3	411.0	486.3	576.5	686.6	819.7	992.2
20°	193.6	226.3	264.4	308.4	363.1	431.5	514.9	616.1	741.4	899.0	1086.4
17.5°	198.6	233.0	273.2	320.8	379.7	452.3	541.8	651.1	790.2	969.8	1173.4
15°	203.0	238.9	280.9	331.6	394.6	473.0	570.1	689.5	841.1	1034.2	1249.8
12.5°	206.6	243.8	287.3	340.6	407.1	490.5	594.2	723.6	890.7	1094.8	1316.8
10°	209.4	247.7	292.5	347.9	417.2	504.7	614.1	751.6	931.9	1146.8	1373.5
7.5°	211.8	250.7	296.4	353.5	424.9	515.6	629.6	773.2	964.1	1187.9	1417.0
5°	213.5	252.9	299.4	357.4	430.5	523.1	640.5	788.2	987.0	1217.8	1446.8
2.5°	214.5	254.1	301.1	359.4	433.9	527.4	646.1	797.7	999.6	1234.8	1464.8
0°	214.7	254.3	301.5	359.7	434.9	528.2	647.0	800.7	1002.3	1239.2	1471.3
-2.5°	214.5	254.1	301.1	359.4	433.9	527.4	646.1	797.7	999.6	1234.8	1464.8
-5°	213.5	252.9	299.4	357.4	430.5	523.1	640.5	788.2	987.0	1217.8	1446.8
-7.5°	211.8	250.7	296.4	353.5	424.9	515.6	629.6	773.2	964.1	1187.9	1417.0
-10°	209.4	247.7	292.5	347.9	417.2	504.7	614.1	751.6	931.9	1146.8	1373.5
-12.5°	206.6	243.8	287.3	340.6	407.1	490.5	594.2	723.6	890.7	1094.8	1316.8
-15°	203.0	238.9	280.9	331.6	394.6	473.0	570.1	689.5	841.1	1034.2	1249.8
-17.5°	198.6	233.0	273.2	320.8	379.7	452.3	541.8	651.1	790.2	969.8	1173.4
-20°	193.6	226.3	264.4	308.4	363.1	431.5	514.9	616.1	741.4	899.0	1086.4



REPORT NUMBER: P626713 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	187.9	218.6	255.1	296.9	348.3	411.0	486.3	576.5	686.6	819.7	992.2
-25°	181.8	211.5	245.7	284.9	331.7	388.4	455.2	534.0	633.7	752.3	896.1
-27.5°	175.4	203.7	235.3	271.5	313.3	364.9	426.6	497.8	581.6	681.1	798.0
-30°	168.4	195.2	224.0	257.5	296.6	343.3	397.7	458.5	529.6	617.6	717.7
-32.5°	160.9	186.0	213.3	244.2	279.4	319.8	367.6	422.6	484.5	554.6	639.9
-35°	153.4	177.1	202.5	230.1	261.1	298.1	340.3	386.9	439.2	500.9	569.0
-37.5°	146.3	167.8	191.1	216.3	244.9	276.8	312.1	354.3	399.7	447.5	505.9
-40°	138.8	157.9	180.1	203.3	227.9	256.2	288.2	322.6	361.9	404.0	446.9
-42.5°	131.0	149.2	168.8	189.6	212.4	237.1	263.7	294.7	326.9	362.4	400.2
-45°	124.3	140.0	157.4	176.9	196.9	218.4	242.4	267.1	295.7	324.3	356.5
-47.5°	117.3	130.9	147.0	163.7	182.0	201.1	221.2	243.7	266.1	291.5	316.0
-50°	110.2	123.0	136.1	151.5	167.4	184.2	202.0	220.9	241.1	261.2	282.6
-52.5°	103.4	114.7	126.5	139.4	153.6	168.3	183.7	200.0	217.3	234.7	252.3
-55°	96.4	106.8	116.9	128.1	140.3	153.3	166.5	180.6	194.6	210.2	224.7
-57.5°	89.9	98.7	107.5	117.0	127.6	138.7	150.4	162.1	174.7	187.1	199.0
-60°	83.6	90.7	98.4	106.5	115.0	124.8	134.5	144.8	155.3	165.6	176.1
-62.5°	77.0	82.7	89.1	96.3	103.7	110.8	119.1	127.8	136.6	145.1	153.6
-65°	69.2	74.3	79.4	85.4	92.2	97.9	104.1	110.8	118.4	125.2	131.4
-67.5°	61.1	65.7	69.8	73.9	79.2	84.2	89.2	94.4	100.2	106.2	111.6
-70°	52.4	56.9	60.6	63.9	66.8	69.9	74.0	77.9	82.5	88.3	93.6
-72.5°	43.6	47.6	51.1	54.1	56.0	57.4	59.3	61.7	66.0	71.8	76.9
-75°	35.2	38.4	41.5	44.2	45.4	45.5	45.4	46.2	50.4	56.3	61.5
-77.5°	27.2	29.8	32.2	34.5	35.1	35.0	34.6	33.9	37.1	42.2	47.4
-80°	19.6	21.2	23.1	24.9	25.3	25.1	24.6	23.7	26.2	29.9	33.8
-82.5°	12.8	13.9	14.9	15.9	16.0	15.8	15.3	14.7	16.7	19.0	21.5
-85°	6.5	6.5	7.1	7.6	7.8	7.9	7.7	7.4	8.4	9.4	10.6
-87.5°	3.3	3.3	3.2	3.1	3.0	2.8	2.6	2.3	2.4	2.5	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: P626713 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-U-WR-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°	2.7	2.6	2.5	2.4	2.3	2.2	2.2	2.2	2.1	2.0	1.8
85°	11.8	12.1	12.2	12.3	12.3	12.7	13.0	13.4	13.7	12.4	11.0
82.5°	24.0	25.2	26.1	27.1	28.1	28.7	29.2	29.6	29.9	27.0	23.9
80°	37.9	40.2	42.2	44.0	45.8	46.3	46.3	46.0	45.5	41.6	37.3
77.5°	52.6	55.7	58.2	60.6	63.0	63.9	64.3	64.6	64.9	60.1	54.2
75°	66.0	69.7	73.1	76.3	79.3	80.8	81.7	82.5	83.1	78.3	72.0
72.5°	81.3	85.2	88.9	92.5	95.6	97.7	99.0	100.1	101.0	98.3	94.3
70°	98.1	102.2	106.1	109.8	113.3	116.1	118.3	120.2	121.8	122.1	121.9
67.5°	116.8	121.5	126.2	130.2	134.4	138.4	141.8	144.7	147.0	148.5	149.4
65°	137.7	144.9	151.3	156.7	161.2	166.5	171.1	174.7	177.1	179.0	180.7
62.5°	162.4	171.1	178.4	185.6	193.1	200.3	204.9	209.4	213.9	218.0	221.6
60°	186.1	195.7	205.6	214.8	223.4	231.3	239.4	246.6	252.9	258.1	262.1
57.5°	211.5	223.1	234.3	246.1	257.1	267.4	277.4	286.7	294.7	301.5	307.0
55°	238.9	253.1	266.5	281.4	295.8	309.0	321.1	333.5	344.7	354.5	362.4
52.5°	268.5	287.0	304.8	322.3	341.0	357.8	372.9	390.1	405.4	418.0	427.9
50°	303.9	325.7	349.1	370.7	394.3	417.5	438.9	459.7	480.0	497.5	511.7
47.5°	344.2	370.9	399.9	428.7	457.9	489.7	518.0	544.3	572.7	597.3	617.1
45°	388.9	423.1	458.1	498.4	535.6	576.4	614.1	648.1	688.3	723.7	752.3
42.5°	438.6	484.1	530.1	580.9	630.2	682.0	737.0	785.8	839.2	890.1	931.2
40°	500.2	554.5	616.2	677.7	748.5	815.0	895.1	968.0	1034.1	1094.7	1144.4
37.5°	568.6	638.5	716.0	796.1	893.0	987.9	1081.8	1170.3	1248.5	1314.9	1370.6
35°	646.3	735.1	828.9	945.9	1059.4	1173.2	1279.1	1375.9	1460.9	1535.8	1599.5
32.5°	735.6	842.2	973.6	1105.0	1234.5	1359.7	1476.0	1581.6	1674.8	1758.9	1832.2
30°	829.5	975.0	1122.4	1266.6	1408.0	1545.2	1672.8	1789.1	1894.5	1988.1	2072.5
27.5°	948.9	1110.1	1270.9	1426.3	1581.8	1732.0	1870.3	1999.4	2120.4	2226.2	2322.6
25°	1064.3	1242.4	1413.3	1582.8	1752.1	1913.3	2068.0	2213.8	2352.3	2473.8	2581.4
22.5°	1179.7	1366.1	1548.8	1731.0	1912.9	2092.6	2266.3	2433.4	2588.3	2726.5	2847.7
20°	1286.6	1481.5	1676.8	1873.2	2070.4	2267.1	2462.2	2650.3	2822.8	2982.4	3122.7
17.5°	1382.4	1589.7	1796.8	2006.9	2220.7	2434.2	2650.9	2861.8	3059.0	3240.6	3403.3
15°	1467.3	1683.6	1906.0	2132.7	2362.3	2594.2	2830.6	3066.6	3288.6	3494.9	3676.5
12.5°	1541.5	1766.4	1999.5	2240.4	2489.5	2742.1	3000.2	3258.8	3504.6	3742.8	3938.9
10°	1602.7	1836.8	2080.4	2333.6	2596.3	2868.1	3145.0	3423.4	3694.2	3946.8	4171.2
7.5°	1650.0	1892.8	2143.9	2407.2	2682.8	2969.5	3262.8	3558.2	3847.2	4119.4	4367.6
5°	1683.4	1933.6	2187.8	2461.7	2746.9	3044.0	3348.8	3656.7	3958.8	4245.0	4502.3
2.5°	1702.7	1958.0	2213.4	2494.8	2785.1	3089.1	3402.2	3715.1	4025.2	4322.1	4586.4
0°	1707.9	1965.4	2228.1	2498.4	2797.0	3110.2	3412.1	3726.0	4048.2	4341.0	4604.4
-2.5°	1702.7	1958.0	2213.4	2494.8	2785.1	3089.1	3402.2	3715.1	4025.2	4322.1	4586.4
-5°	1683.4	1933.6	2187.8	2461.7	2746.9	3044.0	3348.8	3656.7	3958.8	4245.0	4502.3
-7.5°	1650.0	1892.8	2143.9	2407.2	2682.8	2969.5	3262.8	3558.2	3847.2	4119.4	4367.6
-10°	1602.7	1836.8	2080.4	2333.6	2596.3	2868.1	3145.0	3423.4	3694.2	3946.8	4171.2
-12.5°	1541.5	1766.4	1999.5	2240.4	2489.5	2742.1	3000.2	3258.8	3504.6	3742.8	3938.9
-15°	1467.3	1683.6	1906.0	2132.7	2362.3	2594.2	2830.6	3066.6	3288.6	3494.9	3676.5
-17.5°	1382.4	1589.7	1796.8	2006.9	2220.7	2434.2	2650.9	2861.8	3059.0	3240.6	3403.3
-20°	1286.6	1481.5	1676.8	1873.2	2070.4	2267.1	2462.2	2650.3	2822.8	2982.4	3122.7



REPORT NUMBER: P626713 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1179.7	1366.1	1548.8	1731.0	1912.9	2092.6	2266.3	2433.4	2588.3	2726.5	2847.7
-25°	1064.3	1242.4	1413.3	1582.8	1752.1	1913.3	2068.0	2213.8	2352.3	2473.8	2581.4
-27.5°	948.9	1110.1	1270.9	1426.3	1581.8	1732.0	1870.3	1999.4	2120.4	2226.2	2322.6
-30°	829.5	975.0	1122.4	1266.6	1408.0	1545.2	1672.8	1789.1	1894.5	1988.1	2072.5
-32.5°	735.6	842.2	973.6	1105.0	1234.5	1359.7	1476.0	1581.6	1674.8	1758.9	1832.2
-35°	646.3	735.1	828.9	945.9	1059.4	1173.2	1279.1	1375.9	1460.9	1535.8	1599.5
-37.5°	568.6	638.5	716.0	796.1	893.0	987.9	1081.8	1170.3	1248.5	1314.9	1370.6
-40°	500.2	554.5	616.2	677.7	748.5	815.0	895.1	968.0	1034.1	1094.7	1144.4
-42.5°	438.6	484.1	530.1	580.9	630.2	682.0	737.0	785.8	839.2	890.1	931.2
-45°	388.9	423.1	458.1	498.4	535.6	576.4	614.1	648.1	688.3	723.7	752.3
-47.5°	344.2	370.9	399.9	428.7	457.9	489.7	518.0	544.3	572.7	597.3	617.1
-50°	303.9	325.7	349.1	370.7	394.3	417.5	438.9	459.7	480.0	497.5	511.7
-52.5°	268.5	287.0	304.8	322.3	341.0	357.8	372.9	390.1	405.4	418.0	427.9
-55°	238.9	253.1	266.5	281.4	295.8	309.0	321.1	333.5	344.7	354.5	362.4
-57.5°	211.5	223.1	234.3	246.1	257.1	267.4	277.4	286.7	294.7	301.5	307.0
-60°	186.1	195.7	205.6	214.8	223.4	231.3	239.4	246.6	252.9	258.1	262.1
-62.5°	162.4	171.1	178.4	185.6	193.1	200.3	204.9	209.4	213.9	218.0	221.6
-65°	137.7	144.9	151.3	156.7	161.2	166.5	171.1	174.7	177.1	179.0	180.7
-67.5°	116.8	121.5	126.2	130.2	134.4	138.4	141.8	144.7	147.0	148.5	149.4
-70°	98.1	102.2	106.1	109.8	113.3	116.1	118.3	120.2	121.8	122.1	121.9
-72.5°	81.3	85.2	88.9	92.5	95.6	97.7	99.0	100.1	101.0	98.3	94.3
-75°	66.0	69.7	73.1	76.3	79.3	80.8	81.7	82.5	83.1	78.3	72.0
-77.5°	52.6	55.7	58.2	60.6	63.0	63.9	64.3	64.6	64.9	60.1	54.2
-80°	37.9	40.2	42.2	44.0	45.8	46.3	46.3	46.0	45.5	41.6	37.3
-82.5°	24.0	25.2	26.1	27.1	28.1	28.7	29.2	29.6	29.9	27.0	23.9
-85°	11.8	12.1	12.2	12.3	12.3	12.7	13.0	13.4	13.7	12.4	11.0
-87.5°	2.7	2.6	2.5	2.4	2.3	2.2	2.2	2.2	2.1	2.0	1.8
-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: P626713 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-U-WR-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°	1.7	1.5	1.3	1.1	1.3	1.5	1.7	1.8	2.0	2.1	2.2
85°	9.5	8.0	7.8	7.6	7.8	8.0	9.5	11.0	12.4	13.7	13.4
82.5°	20.5	17.1	16.5	16.0	16.5	17.1	20.5	23.9	27.0	29.9	29.6
80°	32.7	28.0	27.1	26.2	27.1	28.0	32.7	37.3	41.6	45.5	46.0
77.5°	47.9	41.5	39.6	37.8	39.6	41.5	47.9	54.2	60.1	64.9	64.6
75°	65.4	58.6	56.3	54.1	56.3	58.6	65.4	72.0	78.3	83.1	82.5
72.5°	90.3	86.2	82.0	77.4	82.0	86.2	90.3	94.3	98.3	101.0	100.1
70°	121.8	121.4	120.4	118.8	120.4	121.4	121.8	121.9	122.1	121.8	120.2
67.5°	149.7	149.6	150.0	150.0	150.0	149.6	149.7	149.4	148.5	147.0	144.7
65°	181.7	182.0	182.8	183.1	182.8	182.0	181.7	180.7	179.0	177.1	174.7
62.5°	224.4	226.2	227.2	227.1	227.2	226.2	224.4	221.6	218.0	213.9	209.4
60°	265.0	266.9	268.2	268.5	268.2	266.9	265.0	262.1	258.1	252.9	246.6
57.5°	311.4	314.6	316.2	316.4	316.2	314.6	311.4	307.0	301.5	294.7	286.7
55°	368.4	372.5	374.4	374.2	374.4	372.5	368.4	362.4	354.5	344.7	333.5
52.5°	435.3	440.4	444.2	446.5	444.2	440.4	435.3	427.9	418.0	405.4	390.1
50°	522.4	529.7	534.3	536.2	534.3	529.7	522.4	511.7	497.5	480.0	459.7
47.5°	631.4	641.0	648.2	653.2	648.2	641.0	631.4	617.1	597.3	572.7	544.3
45°	773.3	788.1	798.1	804.0	798.1	788.1	773.3	752.3	723.7	688.3	648.1
42.5°	963.3	986.2	1000.2	1005.6	1000.2	986.2	963.3	931.2	890.1	839.2	785.8
40°	1183.7	1211.2	1229.3	1241.7	1229.3	1211.2	1183.7	1144.4	1094.7	1034.1	968.0
37.5°	1413.3	1442.2	1459.8	1471.7	1459.8	1442.2	1413.3	1370.6	1314.9	1248.5	1170.3
35°	1647.5	1677.8	1694.3	1703.5	1694.3	1677.8	1647.5	1599.5	1535.8	1460.9	1375.9
32.5°	1888.0	1921.3	1939.3	1957.8	1939.3	1921.3	1888.0	1832.2	1758.9	1674.8	1581.6
30°	2139.2	2177.4	2196.1	2205.2	2196.1	2177.4	2139.2	2072.5	1988.1	1894.5	1789.1
27.5°	2400.5	2448.1	2471.7	2487.1	2471.7	2448.1	2400.5	2322.6	2226.2	2120.4	1999.4
25°	2672.4	2731.5	2758.4	2782.5	2758.4	2731.5	2672.4	2581.4	2473.8	2352.3	2213.8
22.5°	2954.5	3028.1	3059.3	3076.4	3059.3	3028.1	2954.5	2847.7	2726.5	2588.3	2433.4
20°	3244.0	3332.0	3375.2	3397.5	3375.2	3332.0	3244.0	3122.7	2982.4	2822.8	2650.3
17.5°	3540.0	3649.5	3705.5	3718.3	3705.5	3649.5	3540.0	3403.3	3240.6	3059.0	2861.8
15°	3830.7	3949.0	4015.2	4039.5	4015.2	3949.0	3830.7	3676.5	3494.9	3288.6	3066.6
12.5°	4105.9	4228.5	4307.7	4321.8	4307.7	4228.5	4105.9	3938.9	3742.8	3504.6	3258.8
10°	4355.5	4482.5	4570.0	4589.9	4570.0	4482.5	4355.5	4171.2	3946.8	3694.2	3423.4
7.5°	4564.2	4703.6	4800.1	4816.9	4800.1	4703.6	4564.2	4367.6	4119.4	3847.2	3558.2
5°	4716.9	4882.4	4961.6	4981.5	4961.6	4882.4	4716.9	4502.3	4245.0	3958.8	3656.7
2.5°	4800.6	4969.1	5079.2	5066.5	5079.2	4969.1	4800.6	4586.4	4322.1	4025.2	3715.1
0°	4810.0	4986.2	5091.6	5140.3	5091.6	4986.2	4810.0	4604.4	4341.0	4048.2	3726.0
-2.5°	4800.6	4969.1	5079.2	5066.5	5079.2	4969.1	4800.6	4586.4	4322.1	4025.2	3715.1
-5°	4716.9	4882.4	4961.6	4981.5	4961.6	4882.4	4716.9	4502.3	4245.0	3958.8	3656.7
-7.5°	4564.2	4703.6	4800.1	4816.9	4800.1	4703.6	4564.2	4367.6	4119.4	3847.2	3558.2
-10°	4355.5	4482.5	4570.0	4589.9	4570.0	4482.5	4355.5	4171.2	3946.8	3694.2	3423.4
-12.5°	4105.9	4228.5	4307.7	4321.8	4307.7	4228.5	4105.9	3938.9	3742.8	3504.6	3258.8
-15°	3830.7	3949.0	4015.2	4039.5	4015.2	3949.0	3830.7	3676.5	3494.9	3288.6	3066.6
-17.5°	3540.0	3649.5	3705.5	3718.3	3705.5	3649.5	3540.0	3403.3	3240.6	3059.0	2861.8
-20°	3244.0	3332.0	3375.2	3397.5	3375.2	3332.0	3244.0	3122.7	2982.4	2822.8	2650.3



REPORT NUMBER: P626713 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2954.5	3028.1	3059.3	3076.4	3059.3	3028.1	2954.5	2847.7	2726.5	2588.3	2433.4
-25°	2672.4	2731.5	2758.4	2782.5	2758.4	2731.5	2672.4	2581.4	2473.8	2352.3	2213.8
-27.5°	2400.5	2448.1	2471.7	2487.1	2471.7	2448.1	2400.5	2322.6	2226.2	2120.4	1999.4
-30°	2139.2	2177.4	2196.1	2205.2	2196.1	2177.4	2139.2	2072.5	1988.1	1894.5	1789.1
-32.5°	1888.0	1921.3	1939.3	1957.8	1939.3	1921.3	1888.0	1832.2	1758.9	1674.8	1581.6
-35°	1647.5	1677.8	1694.3	1703.5	1694.3	1677.8	1647.5	1599.5	1535.8	1460.9	1375.9
-37.5°	1413.3	1442.2	1459.8	1471.7	1459.8	1442.2	1413.3	1370.6	1314.9	1248.5	1170.3
-40°	1183.7	1211.2	1229.3	1241.7	1229.3	1211.2	1183.7	1144.4	1094.7	1034.1	968.0
-42.5°	963.3	986.2	1000.2	1005.6	1000.2	986.2	963.3	931.2	890.1	839.2	785.8
-45°	773.3	788.1	798.1	804.0	798.1	788.1	773.3	752.3	723.7	688.3	648.1
-47.5°	631.4	641.0	648.2	653.2	648.2	641.0	631.4	617.1	597.3	572.7	544.3
-50°	522.4	529.7	534.3	536.2	534.3	529.7	522.4	511.7	497.5	480.0	459.7
-52.5°	435.3	440.4	444.2	446.5	444.2	440.4	435.3	427.9	418.0	405.4	390.1
-55°	368.4	372.5	374.4	374.2	374.4	372.5	368.4	362.4	354.5	344.7	333.5
-57.5°	311.4	314.6	316.2	316.4	316.2	314.6	311.4	307.0	301.5	294.7	286.7
-60°	265.0	266.9	268.2	268.5	268.2	266.9	265.0	262.1	258.1	252.9	246.6
-62.5°	224.4	226.2	227.2	227.1	227.2	226.2	224.4	221.6	218.0	213.9	209.4
-65°	181.7	182.0	182.8	183.1	182.8	182.0	181.7	180.7	179.0	177.1	174.7
-67.5°	149.7	149.6	150.0	150.0	150.0	149.6	149.7	149.4	148.5	147.0	144.7
-70°	121.8	121.4	120.4	118.8	120.4	121.4	121.8	121.9	122.1	121.8	120.2
-72.5°	90.3	86.2	82.0	77.4	82.0	86.2	90.3	94.3	98.3	101.0	100.1
-75°	65.4	58.6	56.3	54.1	56.3	58.6	65.4	72.0	78.3	83.1	82.5
-77.5°	47.9	41.5	39.6	37.8	39.6	41.5	47.9	54.2	60.1	64.9	64.6
-80°	32.7	28.0	27.1	26.2	27.1	28.0	32.7	37.3	41.6	45.5	46.0
-82.5°	20.5	17.1	16.5	16.0	16.5	17.1	20.5	23.9	27.0	29.9	29.6
-85°	9.5	8.0	7.8	7.6	7.8	8.0	9.5	11.0	12.4	13.7	13.4
-87.5°	1.7	1.5	1.3	1.1	1.3	1.5	1.7	1.8	2.0	2.1	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: P626713 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-U-WR-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°	2.2	2.2	2.3	2.4	2.5	2.6	2.7	2.6	2.5	2.4	2.3
85°	13.0	12.7	12.3	12.3	12.2	12.1	11.8	10.6	9.4	8.4	7.4
82.5°	29.2	28.7	28.1	27.1	26.1	25.2	24.0	21.5	19.0	16.7	14.7
80°	46.3	46.3	45.8	44.0	42.2	40.2	37.9	33.8	29.9	26.2	23.7
77.5°	64.3	63.9	63.0	60.6	58.2	55.7	52.6	47.4	42.2	37.1	33.9
75°	81.7	80.8	79.3	76.3	73.1	69.7	66.0	61.5	56.3	50.4	46.2
72.5°	99.0	97.7	95.6	92.5	88.9	85.2	81.3	76.9	71.8	66.0	61.7
70°	118.3	116.1	113.3	109.8	106.1	102.2	98.1	93.6	88.3	82.5	77.9
67.5°	141.8	138.4	134.4	130.2	126.2	121.5	116.8	111.6	106.2	100.2	94.4
65°	171.1	166.5	161.2	156.7	151.3	144.9	137.7	131.4	125.2	118.4	110.8
62.5°	204.9	200.3	193.1	185.6	178.4	171.1	162.4	153.6	145.1	136.6	127.8
60°	239.4	231.3	223.4	214.8	205.6	195.7	186.1	176.1	165.6	155.3	144.8
57.5°	277.4	267.4	257.1	246.1	234.3	223.1	211.5	199.0	187.1	174.7	162.1
55°	321.1	309.0	295.8	281.4	266.5	253.1	238.9	224.7	210.2	194.6	180.6
52.5°	372.9	357.8	341.0	322.3	304.8	287.0	268.5	252.3	234.7	217.3	200.0
50°	438.9	417.5	394.3	370.7	349.1	325.7	303.9	282.6	261.2	241.1	220.9
47.5°	518.0	489.7	457.9	428.7	399.9	370.9	344.2	316.0	291.5	266.1	243.7
45°	614.1	576.4	535.6	498.4	458.1	423.1	388.9	356.5	324.3	295.7	267.1
42.5°	737.0	682.0	630.2	580.9	530.1	484.1	438.6	400.2	362.4	326.9	294.7
40°	895.1	815.0	748.5	677.7	616.2	554.5	500.2	446.9	404.0	361.9	322.6
37.5°	1081.8	987.9	893.0	796.1	716.0	638.5	568.6	505.9	447.5	399.7	354.3
35°	1279.1	1173.2	1059.4	945.9	828.9	735.1	646.3	569.0	500.9	439.2	386.9
32.5°	1476.0	1359.7	1234.5	1105.0	973.6	842.2	735.6	639.9	554.6	484.5	422.6
30°	1672.8	1545.2	1408.0	1266.6	1122.4	975.0	829.5	717.7	617.6	529.6	458.5
27.5°	1870.3	1732.0	1581.8	1426.3	1270.9	1110.1	948.9	798.0	681.1	581.6	497.8
25°	2068.0	1913.3	1752.1	1582.8	1413.3	1242.4	1064.3	896.1	752.3	633.7	534.0
22.5°	2266.3	2092.6	1912.9	1731.0	1548.8	1366.1	1179.7	992.2	819.7	686.6	576.5
20°	2462.2	2267.1	2070.4	1873.2	1676.8	1481.5	1286.6	1086.4	899.0	741.4	616.1
17.5°	2650.9	2434.2	2220.7	2006.9	1796.8	1589.7	1382.4	1173.4	969.8	790.2	651.1
15°	2830.6	2594.2	2362.3	2132.7	1906.0	1683.6	1467.3	1249.8	1034.2	841.1	689.5
12.5°	3000.2	2742.1	2489.5	2240.4	1999.5	1766.4	1541.5	1316.8	1094.8	890.7	723.6
10°	3145.0	2868.1	2596.3	2333.6	2080.4	1836.8	1602.7	1373.5	1146.8	931.9	751.6
7.5°	3262.8	2969.5	2682.8	2407.2	2143.9	1892.8	1650.0	1417.0	1187.9	964.1	773.2
5°	3348.8	3044.0	2746.9	2461.7	2187.8	1933.6	1683.4	1446.8	1217.8	987.0	788.2
2.5°	3402.2	3089.1	2785.1	2494.8	2213.4	1958.0	1702.7	1464.8	1234.8	999.6	797.7
0°	3412.1	3110.2	2797.0	2498.4	2228.1	1965.4	1707.9	1471.3	1239.2	1002.3	800.7
-2.5°	3402.2	3089.1	2785.1	2494.8	2213.4	1958.0	1702.7	1464.8	1234.8	999.6	797.7
-5°	3348.8	3044.0	2746.9	2461.7	2187.8	1933.6	1683.4	1446.8	1217.8	987.0	788.2
-7.5°	3262.8	2969.5	2682.8	2407.2	2143.9	1892.8	1650.0	1417.0	1187.9	964.1	773.2
-10°	3145.0	2868.1	2596.3	2333.6	2080.4	1836.8	1602.7	1373.5	1146.8	931.9	751.6
-12.5°	3000.2	2742.1	2489.5	2240.4	1999.5	1766.4	1541.5	1316.8	1094.8	890.7	723.6
-15°	2830.6	2594.2	2362.3	2132.7	1906.0	1683.6	1467.3	1249.8	1034.2	841.1	689.5
-17.5°	2650.9	2434.2	2220.7	2006.9	1796.8	1589.7	1382.4	1173.4	969.8	790.2	651.1
-20°	2462.2	2267.1	2070.4	1873.2	1676.8	1481.5	1286.6	1086.4	899.0	741.4	616.1



REPORT NUMBER: P626713 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2266.3	2092.6	1912.9	1731.0	1548.8	1366.1	1179.7	992.2	819.7	686.6	576.5
-25°	2068.0	1913.3	1752.1	1582.8	1413.3	1242.4	1064.3	896.1	752.3	633.7	534.0
-27.5°	1870.3	1732.0	1581.8	1426.3	1270.9	1110.1	948.9	798.0	681.1	581.6	497.8
-30°	1672.8	1545.2	1408.0	1266.6	1122.4	975.0	829.5	717.7	617.6	529.6	458.5
-32.5°	1476.0	1359.7	1234.5	1105.0	973.6	842.2	735.6	639.9	554.6	484.5	422.6
-35°	1279.1	1173.2	1059.4	945.9	828.9	735.1	646.3	569.0	500.9	439.2	386.9
-37.5°	1081.8	987.9	893.0	796.1	716.0	638.5	568.6	505.9	447.5	399.7	354.3
-40°	895.1	815.0	748.5	677.7	616.2	554.5	500.2	446.9	404.0	361.9	322.6
-42.5°	737.0	682.0	630.2	580.9	530.1	484.1	438.6	400.2	362.4	326.9	294.7
-45°	614.1	576.4	535.6	498.4	458.1	423.1	388.9	356.5	324.3	295.7	267.1
-47.5°	518.0	489.7	457.9	428.7	399.9	370.9	344.2	316.0	291.5	266.1	243.7
-50°	438.9	417.5	394.3	370.7	349.1	325.7	303.9	282.6	261.2	241.1	220.9
-52.5°	372.9	357.8	341.0	322.3	304.8	287.0	268.5	252.3	234.7	217.3	200.0
-55°	321.1	309.0	295.8	281.4	266.5	253.1	238.9	224.7	210.2	194.6	180.6
-57.5°	277.4	267.4	257.1	246.1	234.3	223.1	211.5	199.0	187.1	174.7	162.1
-60°	239.4	231.3	223.4	214.8	205.6	195.7	186.1	176.1	165.6	155.3	144.8
-62.5°	204.9	200.3	193.1	185.6	178.4	171.1	162.4	153.6	145.1	136.6	127.8
-65°	171.1	166.5	161.2	156.7	151.3	144.9	137.7	131.4	125.2	118.4	110.8
-67.5°	141.8	138.4	134.4	130.2	126.2	121.5	116.8	111.6	106.2	100.2	94.4
-70°	118.3	116.1	113.3	109.8	106.1	102.2	98.1	93.6	88.3	82.5	77.9
-72.5°	99.0	97.7	95.6	92.5	88.9	85.2	81.3	76.9	71.8	66.0	61.7
-75°	81.7	80.8	79.3	76.3	73.1	69.7	66.0	61.5	56.3	50.4	46.2
-77.5°	64.3	63.9	63.0	60.6	58.2	55.7	52.6	47.4	42.2	37.1	33.9
-80°	46.3	46.3	45.8	44.0	42.2	40.2	37.9	33.8	29.9	26.2	23.7
-82.5°	29.2	28.7	28.1	27.1	26.1	25.2	24.0	21.5	19.0	16.7	14.7
-85°	13.0	12.7	12.3	12.3	12.2	12.1	11.8	10.6	9.4	8.4	7.4
-87.5°	2.2	2.2	2.3	2.4	2.5	2.6	2.7	2.6	2.5	2.4	2.3
-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: P626713 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-722-U-WR-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°	2.6	2.8	3.0	3.1	3.2	3.3	3.3	3.2	3.1	2.9	2.7
85°	7.7	7.9	7.8	7.6	7.1	6.5	6.5	6.4	6.2	5.8	5.4
82.5°	15.3	15.8	16.0	15.9	14.9	13.9	12.8	11.6	10.3	8.9	8.1
80°	24.6	25.1	25.3	24.9	23.1	21.2	19.6	17.9	16.2	14.4	12.3
77.5°	34.6	35.0	35.1	34.5	32.2	29.8	27.2	24.5	22.1	19.8	17.2
75°	45.4	45.5	45.4	44.2	41.5	38.4	35.2	31.8	28.4	25.3	22.1
72.5°	59.3	57.4	56.0	54.1	51.1	47.6	43.6	39.1	34.8	30.7	27.0
70°	74.0	69.9	66.8	63.9	60.6	56.9	52.4	46.7	41.0	36.1	31.6
67.5°	89.2	84.2	79.2	73.9	69.8	65.7	61.1	54.3	47.5	41.4	36.0
65°	104.1	97.9	92.2	85.4	79.4	74.3	69.2	61.5	53.7	46.6	40.4
62.5°	119.1	110.8	103.7	96.3	89.1	82.7	77.0	68.2	59.6	51.6	44.6
60°	134.5	124.8	115.0	106.5	98.4	90.7	83.6	74.7	65.4	56.3	48.5
57.5°	150.4	138.7	127.6	117.0	107.5	98.7	89.9	80.7	70.9	61.1	52.0
55°	166.5	153.3	140.3	128.1	116.9	106.8	96.4	86.4	76.3	65.8	54.8
52.5°	183.7	168.3	153.6	139.4	126.5	114.7	103.4	92.0	81.4	70.4	57.9
50°	202.0	184.2	167.4	151.5	136.1	123.0	110.2	98.1	86.3	74.7	60.8
47.5°	221.2	201.1	182.0	163.7	147.0	130.9	117.3	104.1	91.2	79.0	63.4
45°	242.4	218.4	196.9	176.9	157.4	140.0	124.3	109.9	96.4	82.1	65.7
42.5°	263.7	237.1	212.4	189.6	168.8	149.2	131.0	115.9	101.4	85.0	68.0
40°	288.2	256.2	227.9	203.3	180.1	157.9	138.8	121.8	106.1	87.8	70.3
37.5°	312.1	276.8	244.9	216.3	191.1	167.8	146.3	127.3	109.7	90.8	72.3
35°	340.3	298.1	261.1	230.1	202.5	177.1	153.4	132.9	113.8	93.7	74.2
32.5°	367.6	319.8	279.4	244.2	213.3	186.0	160.9	138.7	117.9	96.5	75.7
30°	397.7	343.3	296.6	257.5	224.0	195.2	168.4	144.2	122.1	99.2	77.3
27.5°	426.6	364.9	313.3	271.5	235.3	203.7	175.4	149.3	126.2	101.9	79.2
25°	455.2	388.4	331.7	284.9	245.7	211.5	181.8	154.1	130.3	105.0	80.9
22.5°	486.3	411.0	348.3	296.9	255.1	218.6	187.9	159.3	134.1	107.9	82.4
20°	514.9	431.5	363.1	308.4	264.4	226.3	193.6	163.9	137.4	110.7	83.7
17.5°	541.8	452.3	379.7	320.8	273.2	233.0	198.6	168.0	140.4	113.2	84.7
15°	570.1	473.0	394.6	331.6	280.9	238.9	203.0	171.6	143.0	115.5	85.7
12.5°	594.2	490.5	407.1	340.6	287.3	243.8	206.6	174.5	145.1	117.5	86.6
10°	614.1	504.7	417.2	347.9	292.5	247.7	209.4	176.9	146.9	119.0	87.1
7.5°	629.6	515.6	424.9	353.5	296.4	250.7	211.8	178.8	148.3	120.0	87.2
5°	640.5	523.1	430.5	357.4	299.4	252.9	213.5	180.0	149.3	120.6	86.9
2.5°	646.1	527.4	433.9	359.4	301.1	254.1	214.5	180.6	149.7	120.7	86.3
0°	647.0	528.2	434.9	359.7	301.5	254.3	214.7	180.6	149.7	120.3	85.4
-2.5°	646.1	527.4	433.9	359.4	301.1	254.1	214.5	180.6	149.7	120.7	86.3
-5°	640.5	523.1	430.5	357.4	299.4	252.9	213.5	180.0	149.3	120.6	86.9
-7.5°	629.6	515.6	424.9	353.5	296.4	250.7	211.8	178.8	148.3	120.0	87.2
-10°	614.1	504.7	417.2	347.9	292.5	247.7	209.4	176.9	146.9	119.0	87.1
-12.5°	594.2	490.5	407.1	340.6	287.3	243.8	206.6	174.5	145.1	117.5	86.6
-15°	570.1	473.0	394.6	331.6	280.9	238.9	203.0	171.6	143.0	115.5	85.7
-17.5°	541.8	452.3	379.7	320.8	273.2	233.0	198.6	168.0	140.4	113.2	84.7
-20°	514.9	431.5	363.1	308.4	264.4	226.3	193.6	163.9	137.4	110.7	83.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626713 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	486.3	411.0	348.3	296.9	255.1	218.6	187.9	159.3	134.1	107.9	82.4
-25°	455.2	388.4	331.7	284.9	245.7	211.5	181.8	154.1	130.3	105.0	80.9
-27.5°	426.6	364.9	313.3	271.5	235.3	203.7	175.4	149.3	126.2	101.9	79.2
-30°	397.7	343.3	296.6	257.5	224.0	195.2	168.4	144.2	122.1	99.2	77.3
-32.5°	367.6	319.8	279.4	244.2	213.3	186.0	160.9	138.7	117.9	96.5	75.7
-35°	340.3	298.1	261.1	230.1	202.5	177.1	153.4	132.9	113.8	93.7	74.2
-37.5°	312.1	276.8	244.9	216.3	191.1	167.8	146.3	127.3	109.7	90.8	72.3
-40°	288.2	256.2	227.9	203.3	180.1	157.9	138.8	121.8	106.1	87.8	70.3
-42.5°	263.7	237.1	212.4	189.6	168.8	149.2	131.0	115.9	101.4	85.0	68.0
-45°	242.4	218.4	196.9	176.9	157.4	140.0	124.3	109.9	96.4	82.1	65.7
-47.5°	221.2	201.1	182.0	163.7	147.0	130.9	117.3	104.1	91.2	79.0	63.4
-50°	202.0	184.2	167.4	151.5	136.1	123.0	110.2	98.1	86.3	74.7	60.8
-52.5°	183.7	168.3	153.6	139.4	126.5	114.7	103.4	92.0	81.4	70.4	57.9
-55°	166.5	153.3	140.3	128.1	116.9	106.8	96.4	86.4	76.3	65.8	54.8
-57.5°	150.4	138.7	127.6	117.0	107.5	98.7	89.9	80.7	70.9	61.1	52.0
-60°	134.5	124.8	115.0	106.5	98.4	90.7	83.6	74.7	65.4	56.3	48.5
-62.5°	119.1	110.8	103.7	96.3	89.1	82.7	77.0	68.2	59.6	51.6	44.6
-65°	104.1	97.9	92.2	85.4	79.4	74.3	69.2	61.5	53.7	46.6	40.4
-67.5°	89.2	84.2	79.2	73.9	69.8	65.7	61.1	54.3	47.5	41.4	36.0
-70°	74.0	69.9	66.8	63.9	60.6	56.9	52.4	46.7	41.0	36.1	31.6
-72.5°	59.3	57.4	56.0	54.1	51.1	47.6	43.6	39.1	34.8	30.7	27.0
-75°	45.4	45.5	45.4	44.2	41.5	38.4	35.2	31.8	28.4	25.3	22.1
-77.5°	34.6	35.0	35.1	34.5	32.2	29.8	27.2	24.5	22.1	19.8	17.2
-80°	24.6	25.1	25.3	24.9	23.1	21.2	19.6	17.9	16.2	14.4	12.3
-82.5°	15.3	15.8	16.0	15.9	14.9	13.9	12.8	11.6	10.3	8.9	8.1
-85°	7.7	7.9	7.8	7.6	7.1	6.5	6.5	6.4	6.2	5.8	5.4
-87.5°	2.6	2.8	3.0	3.1	3.2	3.3	3.3	3.2	3.1	2.9	2.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P626713 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-U-WR-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°	2.4	1.9	1.4	1.0	0.6	0.3	0.0
85°	4.9	3.8	2.8	2.0	1.2	0.5	0.0
82.5°	7.3	5.7	4.2	2.9	1.8	0.8	0.0
80°	9.9	7.5	5.6	3.9	2.4	1.0	0.0
77.5°	14.1	9.8	7.0	4.8	3.0	1.3	0.0
75°	18.2	12.8	8.4	5.8	3.5	1.5	0.0
72.5°	22.2	15.7	10.5	6.7	4.1	1.8	0.0
70°	26.0	18.6	12.4	7.7	4.6	2.0	0.0
67.5°	29.3	21.3	14.3	8.8	5.2	2.3	0.0
65°	32.4	23.7	16.1	10.0	5.7	2.5	0.0
62.5°	35.4	26.0	17.8	11.1	6.2	2.7	0.0
60°	38.1	28.1	19.3	12.1	6.7	2.9	0.0
57.5°	40.6	30.1	20.8	13.1	7.2	3.1	0.0
55°	42.9	31.9	22.1	13.9	7.8	3.3	0.0
52.5°	45.0	33.6	23.4	14.7	8.3	3.5	0.0
50°	46.9	35.1	24.5	15.5	8.8	3.7	0.0
47.5°	48.7	36.5	25.5	16.1	9.3	3.9	0.0
45°	50.7	37.7	26.4	16.8	9.8	4.1	0.0
42.5°	52.4	38.7	27.2	17.4	10.2	4.2	0.0
40°	54.0	39.6	27.8	18.0	10.6	4.3	0.0
37.5°	55.3	40.3	28.5	18.6	11.0	4.5	0.0
35°	56.4	41.2	29.0	19.2	11.4	4.6	0.0
32.5°	57.4	41.9	29.3	19.8	11.7	4.7	0.0
30°	58.6	42.6	29.6	20.3	12.0	4.8	0.0
27.5°	59.5	43.0	30.2	20.7	12.3	4.9	0.0
25°	60.2	43.2	30.8	21.1	12.5	5.0	0.0
22.5°	60.7	43.6	31.4	21.4	12.7	5.0	0.0
20°	61.0	44.4	31.8	21.6	12.9	5.1	0.0
17.5°	61.7	45.0	32.2	21.9	13.0	5.1	0.0
15°	62.6	45.6	32.5	22.0	13.1	5.2	0.0
12.5°	63.2	45.9	32.8	22.1	13.2	5.2	0.0
10°	63.5	46.2	32.9	22.2	13.2	5.2	0.0
7.5°	63.7	46.3	33.0	22.1	13.2	5.2	0.0
5°	63.6	46.3	33.0	22.1	13.2	5.2	0.0
2.5°	63.4	46.1	32.9	22.0	13.2	5.1	0.0
0°	62.9	45.8	32.7	21.8	13.1	5.1	0.0
-2.5°	63.4	46.1	32.9	22.0	13.2	5.1	0.0
-5°	63.6	46.3	33.0	22.1	13.2	5.2	0.0
-7.5°	63.7	46.3	33.0	22.1	13.2	5.2	0.0
-10°	63.5	46.2	32.9	22.2	13.2	5.2	0.0
-12.5°	63.2	45.9	32.8	22.1	13.2	5.2	0.0
-15°	62.6	45.6	32.5	22.0	13.1	5.2	0.0
-17.5°	61.7	45.0	32.2	21.9	13.0	5.1	0.0
-20°	61.0	44.4	31.8	21.6	12.9	5.1	0.0

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CATALOG NUMBER: GFLD-SA1D-722-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	60.7	43.6	31.4	21.4	12.7	5.0	0.0
-25°	60.2	43.2	30.8	21.1	12.5	5.0	0.0
-27.5°	59.5	43.0	30.2	20.7	12.3	4.9	0.0
-30°	58.6	42.6	29.6	20.3	12.0	4.8	0.0
-32.5°	57.4	41.9	29.3	19.8	11.7	4.7	0.0
-35°	56.4	41.2	29.0	19.2	11.4	4.6	0.0
-37.5°	55.3	40.3	28.5	18.6	11.0	4.5	0.0
-40°	54.0	39.6	27.8	18.0	10.6	4.3	0.0
-42.5°	52.4	38.7	27.2	17.4	10.2	4.2	0.0
-45°	50.7	37.7	26.4	16.8	9.8	4.1	0.0
-47.5°	48.7	36.5	25.5	16.1	9.3	3.9	0.0
-50°	46.9	35.1	24.5	15.5	8.8	3.7	0.0
-52.5°	45.0	33.6	23.4	14.7	8.3	3.5	0.0
-55°	42.9	31.9	22.1	13.9	7.8	3.3	0.0
-57.5°	40.6	30.1	20.8	13.1	7.2	3.1	0.0
-60°	38.1	28.1	19.3	12.1	6.7	2.9	0.0
-62.5°	35.4	26.0	17.8	11.1	6.2	2.7	0.0
-65°	32.4	23.7	16.1	10.0	5.7	2.5	0.0
-67.5°	29.3	21.3	14.3	8.8	5.2	2.3	0.0
-70°	26.0	18.6	12.4	7.7	4.6	2.0	0.0
-72.5°	22.2	15.7	10.5	6.7	4.1	1.8	0.0
-75°	18.2	12.8	8.4	5.8	3.5	1.5	0.0
-77.5°	14.1	9.8	7.0	4.8	3.0	1.3	0.0
-80°	9.9	7.5	5.6	3.9	2.4	1.0	0.0
-82.5°	7.3	5.7	4.2	2.9	1.8	0.8	0.0
-85°	4.9	3.8	2.8	2.0	1.2	0.5	0.0
-87.5°	2.4	1.9	1.4	1.0	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)