

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: P626587 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-722-U-MWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626587 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1B-722-U-MWR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N6  
Light Source: (16) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

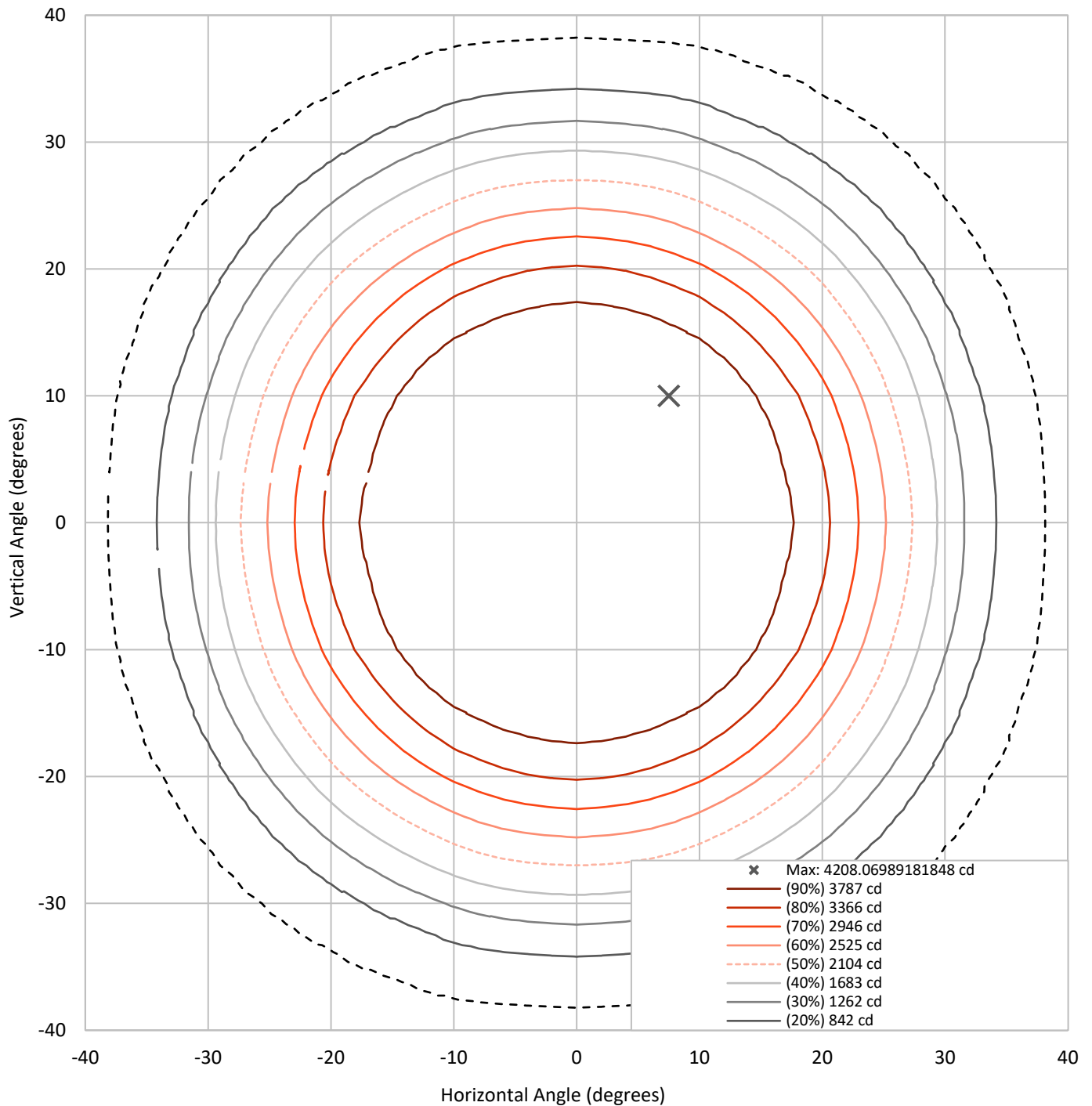
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	3581.5 lumens	Max Intensity:	4208.1 candela
Efficiency:	N/A	Max Intensity Angle:	7.5°H x 10°V
Efficacy:	106.9 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	2377.2 lumens	Field Lumens:	3091 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
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





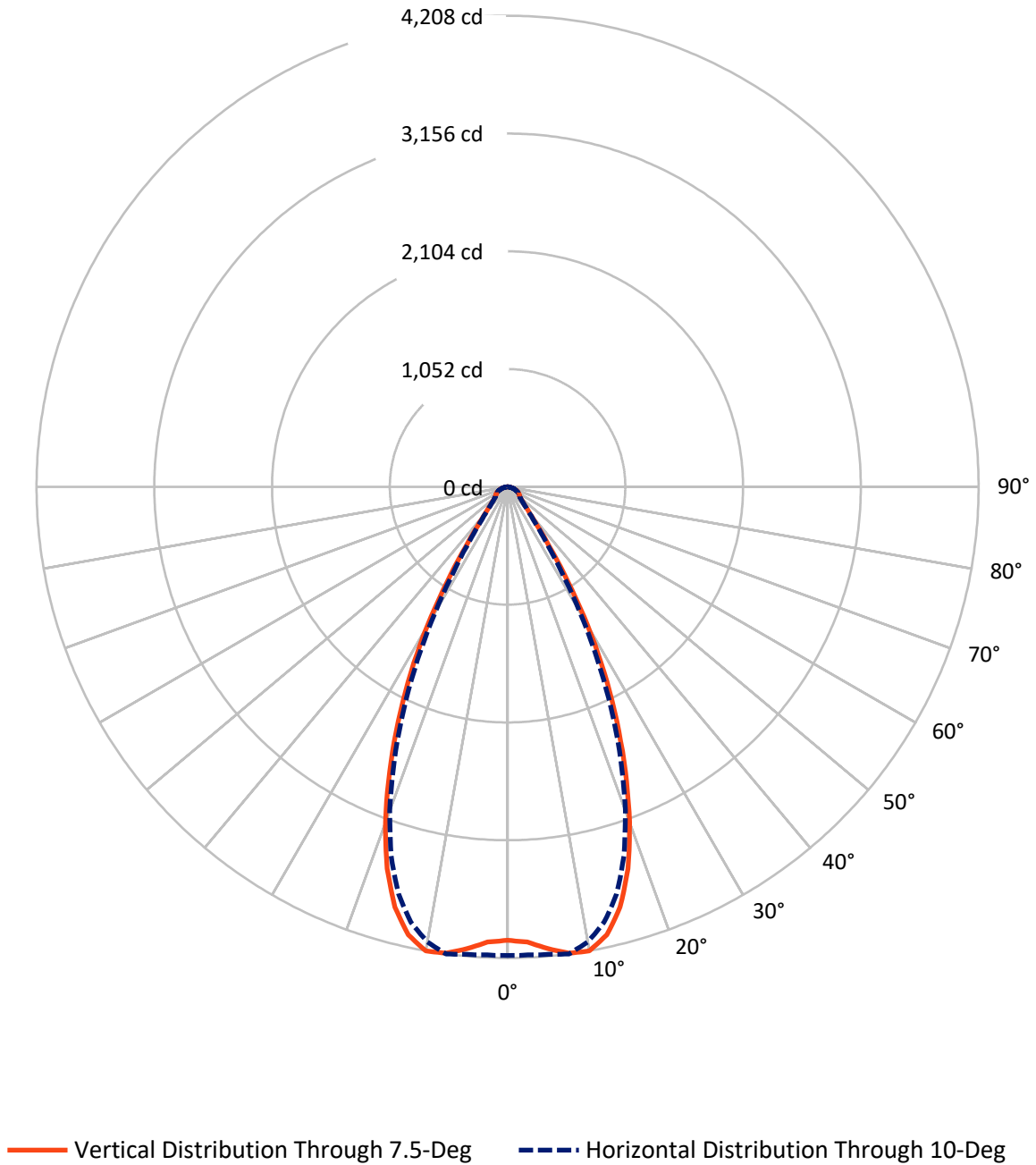
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### Lumen Table

90																
80	0.1	0.8		2.2		3.6		4.0		3.6		2.2		0.8		0.1
70																
60	0.4	0.4	0.9	1.4	2.0	2.4	2.8	2.9	2.9	2.8	2.4	2.0	1.4	0.9	0.4	0.4
50		0.6	1.3	2.1	2.8	3.3	3.7	3.9	3.9	3.7	3.3	2.8	2.1	1.3	0.6	
40	0.7	0.8	1.6	2.5	3.4	4.4	5.5	6.3	6.3	5.5	4.4	3.4	2.5	1.6	0.8	0.7
30		1.0	1.9	2.9	4.5	8.1	15.6	23.1	23.1	15.6	8.1	4.5	2.9	1.9	1.0	
20	0.9	1.1	2.1	3.4	7.3	23.0	51.6	72.0	72.0	51.6	23.0	7.3	3.4	2.1	1.1	0.9
10		1.2	2.2	4.0	13.3	49.0	93.6	117.1	117.1	93.6	49.0	13.3	4.0	2.2	1.2	
0	0.9	1.2	2.2	4.5	19.1	67.1	113.6	123.6	123.6	113.6	67.1	19.1	4.5	2.2	1.2	0.9
-10		1.2	2.2	4.5	19.1	67.1	113.6	123.6	123.6	113.6	67.1	19.1	4.5	2.2	1.2	
-20	0.9	1.2	2.2	4.0	13.3	49.0	93.6	117.1	117.1	93.6	49.0	13.3	4.0	2.2	1.2	0.9
-30		1.1	2.1	3.4	7.3	23.0	51.6	72.0	72.0	51.6	23.0	7.3	3.4	2.1	1.1	
-40	0.7	1.0	1.9	2.9	4.5	8.1	15.6	23.1	23.1	15.6	8.1	4.5	2.9	1.9	1.0	0.7
-50		0.8	1.6	2.5	3.4	4.4	5.5	6.3	6.3	5.5	4.4	3.4	2.5	1.6	0.8	
-60	0.4	0.6	1.3	2.1	2.8	3.3	3.7	3.9	3.9	3.7	3.3	2.8	2.1	1.3	0.6	0.4
-70		0.4	0.9	1.4	2.0	2.4	2.8	2.9	2.9	2.8	2.4	2.0	1.4	0.9	0.4	
-80																
-90	0.1	0.8		2.2		3.6		4.0		3.6		2.2		0.8		0.1
Horizontal Angle (degrees)																

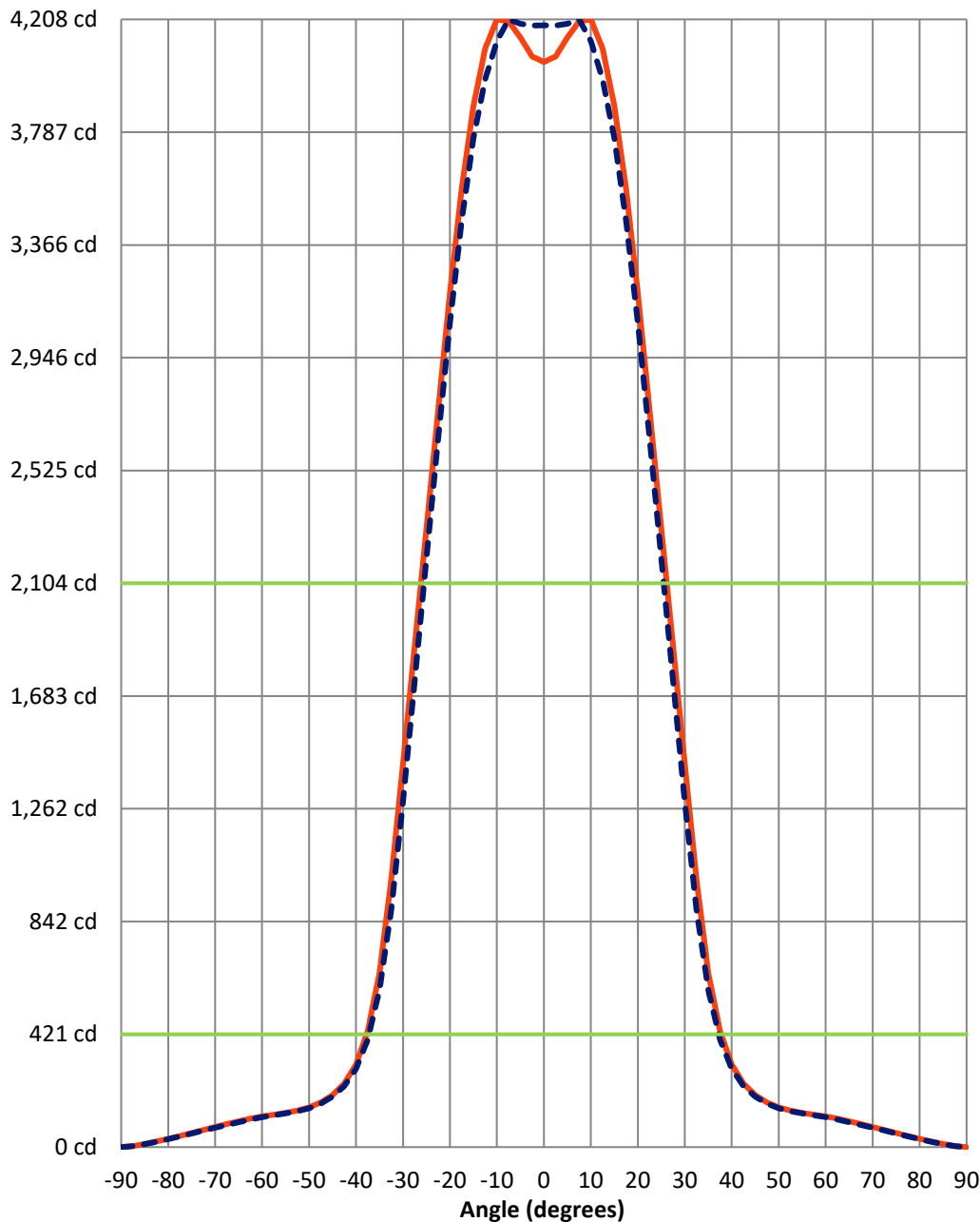
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 2377.2  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 3091  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 490.5  
 Efficiency: 13.7%

— Vertical Distribution through 7.5-Deg  
 - - Horizontal Distribution through 10-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	0.2	0.3	0.5	0.6	0.8	1.0	1.2	1.4	1.6	1.9
85°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.3	2.8	3.2	3.7
82.5°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.5	4.2	5.3	6.4
80°	0.0	0.6	1.3	1.9	2.6	3.2	3.9	5.4	6.8	8.2	9.4
77.5°	0.0	0.8	1.6	2.4	3.2	4.3	6.0	7.8	9.5	11.0	12.8
75°	0.0	1.0	1.9	2.9	3.9	6.0	8.0	10.1	12.1	14.4	16.7
72.5°	0.0	1.1	2.2	3.3	5.3	7.7	10.1	12.5	15.3	18.0	20.6
70°	0.0	1.3	2.5	3.9	6.6	9.4	12.1	15.3	18.4	21.5	24.7
67.5°	0.0	1.4	2.8	4.9	7.9	11.0	14.4	18.0	21.5	25.1	28.7
65°	0.0	1.6	3.1	5.8	9.2	12.7	16.7	20.6	24.6	28.6	32.9
62.5°	0.0	1.7	3.4	6.8	10.5	14.5	18.9	23.2	27.6	32.1	37.3
60°	0.0	1.8	3.7	7.7	11.7	16.3	21.0	25.8	30.5	36.0	41.7
57.5°	0.0	2.0	4.3	8.6	13.1	18.0	23.1	28.2	33.7	39.7	45.7
55°	0.0	2.1	4.9	9.5	14.4	19.7	25.2	30.6	36.9	43.4	49.6
52.5°	0.0	2.3	5.4	10.4	15.7	21.3	27.3	33.3	40.0	46.8	53.4
50°	0.0	2.4	6.0	11.2	16.9	22.9	29.2	35.9	43.0	50.0	57.1
47.5°	0.0	2.5	6.5	12.0	18.0	24.6	31.2	38.4	45.8	53.2	60.6
45°	0.0	2.6	7.0	12.8	19.2	26.1	33.2	40.8	48.5	56.3	64.1
42.5°	0.0	2.7	7.4	13.6	20.2	27.6	35.2	43.1	51.1	59.3	67.3
40°	0.0	2.8	7.9	14.4	21.3	29.1	37.0	45.2	53.6	62.1	70.4
37.5°	0.0	2.9	8.3	15.1	22.4	30.4	38.8	47.3	56.0	64.8	73.4
35°	0.0	3.0	8.6	15.7	23.4	31.8	40.4	49.2	58.3	67.3	76.1
32.5°	0.0	3.1	9.0	16.3	24.4	33.1	41.9	50.9	60.5	69.7	78.6
30°	0.0	3.2	9.3	16.9	25.3	34.2	43.3	52.6	62.5	71.8	80.9
27.5°	0.0	3.3	9.6	17.4	26.2	35.3	44.6	54.2	64.3	73.8	83.0
25°	0.0	3.4	9.9	17.8	26.9	36.3	45.8	55.7	66.0	75.6	84.9
22.5°	0.0	3.4	10.1	18.3	27.6	37.2	46.8	57.1	67.4	77.1	86.7
20°	0.0	3.5	10.4	18.7	28.2	38.0	47.8	58.3	68.7	78.5	88.3
17.5°	0.0	3.5	10.5	19.0	28.7	38.6	48.6	59.4	69.8	79.8	89.6
15°	0.0	3.6	10.7	19.3	29.1	39.2	49.4	60.4	70.7	80.8	90.8
12.5°	0.0	3.6	10.8	19.5	29.5	39.6	50.1	61.3	71.6	81.7	91.8
10°	0.0	3.6	10.9	19.7	29.8	40.0	50.6	62.0	72.3	82.5	92.6
7.5°	0.0	3.7	11.0	19.8	30.0	40.3	51.0	62.6	72.9	83.2	93.4
5°	0.0	3.7	11.0	19.9	30.2	40.5	51.3	63.0	73.3	83.6	93.9
2.5°	0.0	3.7	11.0	19.9	30.2	40.5	51.5	63.2	73.5	83.9	94.2
0°	0.0	3.7	11.0	19.9	30.2	40.5	51.6	63.3	73.6	84.0	94.3
-2.5°	0.0	3.7	11.0	19.9	30.2	40.5	51.5	63.2	73.5	83.9	94.2
-5°	0.0	3.7	11.0	19.9	30.2	40.5	51.3	63.0	73.3	83.6	93.9
-7.5°	0.0	3.7	11.0	19.8	30.0	40.3	51.0	62.6	72.9	83.2	93.4
-10°	0.0	3.6	10.9	19.7	29.8	40.0	50.6	62.0	72.3	82.5	92.6
-12.5°	0.0	3.6	10.8	19.5	29.5	39.6	50.1	61.3	71.6	81.7	91.8
-15°	0.0	3.6	10.7	19.3	29.1	39.2	49.4	60.4	70.7	80.8	90.8
-17.5°	0.0	3.5	10.5	19.0	28.7	38.6	48.6	59.4	69.8	79.8	89.6
-20°	0.0	3.5	10.4	18.7	28.2	38.0	47.8	58.3	68.7	78.5	88.3

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CATALOG NUMBER: GFLD-SA1B-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.4	10.1	18.3	27.6	37.2	46.8	57.1	67.4	77.1	86.7
-25°	0.0	3.4	9.9	17.8	26.9	36.3	45.8	55.7	66.0	75.6	84.9
-27.5°	0.0	3.3	9.6	17.4	26.2	35.3	44.6	54.2	64.3	73.8	83.0
-30°	0.0	3.2	9.3	16.9	25.3	34.2	43.3	52.6	62.5	71.8	80.9
-32.5°	0.0	3.1	9.0	16.3	24.4	33.1	41.9	50.9	60.5	69.7	78.6
-35°	0.0	3.0	8.6	15.7	23.4	31.8	40.4	49.2	58.3	67.3	76.1
-37.5°	0.0	2.9	8.3	15.1	22.4	30.4	38.8	47.3	56.0	64.8	73.4
-40°	0.0	2.8	7.9	14.4	21.3	29.1	37.0	45.2	53.6	62.1	70.4
-42.5°	0.0	2.7	7.4	13.6	20.2	27.6	35.2	43.1	51.1	59.3	67.3
-45°	0.0	2.6	7.0	12.8	19.2	26.1	33.2	40.8	48.5	56.3	64.1
-47.5°	0.0	2.5	6.5	12.0	18.0	24.6	31.2	38.4	45.8	53.2	60.6
-50°	0.0	2.4	6.0	11.2	16.9	22.9	29.2	35.9	43.0	50.0	57.1
-52.5°	0.0	2.3	5.4	10.4	15.7	21.3	27.3	33.3	40.0	46.8	53.4
-55°	0.0	2.1	4.9	9.5	14.4	19.7	25.2	30.6	36.9	43.4	49.6
-57.5°	0.0	2.0	4.3	8.6	13.1	18.0	23.1	28.2	33.7	39.7	45.7
-60°	0.0	1.8	3.7	7.7	11.7	16.3	21.0	25.8	30.5	36.0	41.7
-62.5°	0.0	1.7	3.4	6.8	10.5	14.5	18.9	23.2	27.6	32.1	37.3
-65°	0.0	1.6	3.1	5.8	9.2	12.7	16.7	20.6	24.6	28.6	32.9
-67.5°	0.0	1.4	2.8	4.9	7.9	11.0	14.4	18.0	21.5	25.1	28.7
-70°	0.0	1.3	2.5	3.9	6.6	9.4	12.1	15.3	18.4	21.5	24.7
-72.5°	0.0	1.1	2.2	3.3	5.3	7.7	10.1	12.5	15.3	18.0	20.6
-75°	0.0	1.0	1.9	2.9	3.9	6.0	8.0	10.1	12.1	14.4	16.7
-77.5°	0.0	0.8	1.6	2.4	3.2	4.3	6.0	7.8	9.5	11.0	12.8
-80°	0.0	0.6	1.3	1.9	2.6	3.2	3.9	5.4	6.8	8.2	9.4
-82.5°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.5	4.2	5.3	6.4
-85°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.3	2.8	3.2	3.7
-87.5°	0.0	0.2	0.3	0.5	0.6	0.8	1.0	1.2	1.4	1.6	1.9
-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°	2.0	2.2	2.4	2.5	2.7	2.8	3.0	3.1	3.2	3.4	3.5
85°	4.1	4.4	5.0	5.6	6.2	6.7	7.2	7.7	8.2	8.7	9.1
82.5°	7.3	8.2	9.2	10.2	11.1	11.9	12.7	13.6	14.4	15.2	16.1
80°	10.7	12.1	13.6	15.0	16.3	17.5	18.7	19.8	21.0	22.3	23.6
77.5°	14.7	16.6	18.4	20.1	21.7	23.4	25.1	26.8	28.5	30.1	31.7
75°	19.0	21.2	23.4	25.7	27.8	30.0	32.0	34.1	36.2	38.3	40.3
72.5°	23.4	26.1	28.8	31.4	34.1	36.7	39.3	41.7	44.2	46.8	49.3
70°	27.9	31.1	34.4	37.5	40.6	43.6	46.8	49.8	52.7	55.7	58.6
67.5°	32.5	36.5	40.2	43.7	47.3	50.9	54.4	58.0	61.5	64.9	68.3
65°	37.6	41.9	45.9	50.0	54.1	58.3	62.4	66.4	70.5	74.4	77.9
62.5°	42.6	47.1	51.6	56.2	61.1	65.8	70.4	75.0	79.7	83.7	87.2
60°	47.1	52.2	57.2	62.5	67.8	73.0	78.0	83.0	88.1	92.7	95.6
57.5°	51.5	57.1	62.7	68.3	74.0	79.7	85.1	90.5	95.2	99.2	102.5
55°	55.8	61.9	67.8	73.8	79.9	85.8	91.6	96.9	101.4	104.7	108.0
52.5°	60.0	66.4	72.6	79.0	85.4	91.8	97.9	102.7	106.4	109.8	112.8
50°	64.0	70.6	77.1	84.0	90.8	97.6	103.3	107.5	111.3	114.6	117.7
47.5°	67.8	74.7	81.6	88.9	96.1	102.6	107.8	112.3	116.1	119.7	123.4
45°	71.5	78.7	86.0	93.6	100.9	107.2	112.3	117.1	120.7	124.7	129.0
42.5°	75.0	82.6	90.3	98.1	105.5	111.4	116.5	120.8	125.1	129.8	135.0
40°	78.4	86.3	94.3	102.4	109.9	115.1	120.0	124.6	129.8	135.4	141.5
37.5°	81.6	89.7	98.1	106.5	113.1	118.4	123.4	128.6	134.7	141.2	149.3
35°	84.5	93.0	101.6	109.7	115.9	121.6	126.8	132.6	139.6	148.1	158.6
32.5°	87.2	95.9	104.8	112.3	118.6	124.4	129.8	137.0	145.5	155.6	170.4
30°	89.8	98.7	107.6	114.8	120.9	126.8	133.4	141.4	151.3	166.2	185.1
27.5°	92.1	101.2	109.8	116.9	123.0	129.2	136.8	146.6	159.6	177.3	200.8
25°	94.3	103.5	111.9	118.7	125.0	131.8	140.1	151.1	168.3	191.1	222.9
22.5°	96.2	105.7	113.9	120.2	126.8	134.2	143.9	157.7	177.5	204.1	245.1
20°	98.0	107.3	115.4	121.6	128.5	136.2	147.2	163.9	187.8	222.2	274.6
17.5°	99.5	108.7	116.5	123.0	130.2	138.4	150.5	169.3	196.9	238.1	304.4
15°	100.8	110.0	117.4	124.2	131.6	141.0	155.1	176.3	207.5	254.5	330.4
12.5°	101.9	111.0	118.2	125.1	132.8	143.1	159.0	183.0	218.6	274.8	368.7
10°	102.8	111.7	118.7	125.9	133.7	144.9	162.2	188.4	227.7	292.3	401.3
7.5°	103.5	112.3	119.1	126.4	134.4	146.1	164.6	192.6	234.7	306.0	427.2
5°	104.1	112.7	119.4	126.7	134.9	147.0	166.3	195.5	239.6	315.8	445.4
2.5°	104.5	112.8	119.4	126.8	135.4	147.4	167.1	197.1	243.3	320.5	455.1
0°	104.6	112.7	119.3	126.7	135.5	147.3	167.2	197.4	245.2	320.4	456.6
-2.5°	104.5	112.8	119.4	126.8	135.4	147.4	167.1	197.1	243.3	320.5	455.1
-5°	104.1	112.7	119.4	126.7	134.9	147.0	166.3	195.5	239.6	315.8	445.4
-7.5°	103.5	112.3	119.1	126.4	134.4	146.1	164.6	192.6	234.7	306.0	427.2
-10°	102.8	111.7	118.7	125.9	133.7	144.9	162.2	188.4	227.7	292.3	401.3
-12.5°	101.9	111.0	118.2	125.1	132.8	143.1	159.0	183.0	218.6	274.8	368.7
-15°	100.8	110.0	117.4	124.2	131.6	141.0	155.1	176.3	207.5	254.5	330.4
-17.5°	99.5	108.7	116.5	123.0	130.2	138.4	150.5	169.3	196.9	238.1	304.4
-20°	98.0	107.3	115.4	121.6	128.5	136.2	147.2	163.9	187.8	222.2	274.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626587 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	96.2	105.7	113.9	120.2	126.8	134.2	143.9	157.7	177.5	204.1	245.1
-25°	94.3	103.5	111.9	118.7	125.0	131.8	140.1	151.1	168.3	191.1	222.9
-27.5°	92.1	101.2	109.8	116.9	123.0	129.2	136.8	146.6	159.6	177.3	200.8
-30°	89.8	98.7	107.6	114.8	120.9	126.8	133.4	141.4	151.3	166.2	185.1
-32.5°	87.2	95.9	104.8	112.3	118.6	124.4	129.8	137.0	145.5	155.6	170.4
-35°	84.5	93.0	101.6	109.7	115.9	121.6	126.8	132.6	139.6	148.1	158.6
-37.5°	81.6	89.7	98.1	106.5	113.1	118.4	123.4	128.6	134.7	141.2	149.3
-40°	78.4	86.3	94.3	102.4	109.9	115.1	120.0	124.6	129.8	135.4	141.5
-42.5°	75.0	82.6	90.3	98.1	105.5	111.4	116.5	120.8	125.1	129.8	135.0
-45°	71.5	78.7	86.0	93.6	100.9	107.2	112.3	117.1	120.7	124.7	129.0
-47.5°	67.8	74.7	81.6	88.9	96.1	102.6	107.8	112.3	116.1	119.7	123.4
-50°	64.0	70.6	77.1	84.0	90.8	97.6	103.3	107.5	111.3	114.6	117.7
-52.5°	60.0	66.4	72.6	79.0	85.4	91.8	97.9	102.7	106.4	109.8	112.8
-55°	55.8	61.9	67.8	73.8	79.9	85.8	91.6	96.9	101.4	104.7	108.0
-57.5°	51.5	57.1	62.7	68.3	74.0	79.7	85.1	90.5	95.2	99.2	102.5
-60°	47.1	52.2	57.2	62.5	67.8	73.0	78.0	83.0	88.1	92.7	95.6
-62.5°	42.6	47.1	51.6	56.2	61.1	65.8	70.4	75.0	79.7	83.7	87.2
-65°	37.6	41.9	45.9	50.0	54.1	58.3	62.4	66.4	70.5	74.4	77.9
-67.5°	32.5	36.5	40.2	43.7	47.3	50.9	54.4	58.0	61.5	64.9	68.3
-70°	27.9	31.1	34.4	37.5	40.6	43.6	46.8	49.8	52.7	55.7	58.6
-72.5°	23.4	26.1	28.8	31.4	34.1	36.7	39.3	41.7	44.2	46.8	49.3
-75°	19.0	21.2	23.4	25.7	27.8	30.0	32.0	34.1	36.2	38.3	40.3
-77.5°	14.7	16.6	18.4	20.1	21.7	23.4	25.1	26.8	28.5	30.1	31.7
-80°	10.7	12.1	13.6	15.0	16.3	17.5	18.7	19.8	21.0	22.3	23.6
-82.5°	7.3	8.2	9.2	10.2	11.1	11.9	12.7	13.6	14.4	15.2	16.1
-85°	4.1	4.4	5.0	5.6	6.2	6.7	7.2	7.7	8.2	8.7	9.1
-87.5°	2.0	2.2	2.4	2.5	2.7	2.8	3.0	3.1	3.2	3.4	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: P626587 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-MWR-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°	3.6	3.6	3.5	3.4	3.4	3.6	3.8	4.0	4.2	4.1	4.0
85°	9.6	9.8	10.0	10.1	10.3	10.7	11.2	11.6	11.9	11.9	11.9
82.5°	16.9	17.4	17.9	18.3	18.7	19.2	19.7	20.1	20.5	20.8	21.0
80°	24.9	25.7	26.5	27.2	27.8	28.5	29.2	29.8	30.3	30.5	30.7
77.5°	33.3	34.6	35.8	36.9	37.9	38.9	39.9	40.7	41.5	41.6	41.5
75°	42.3	44.0	45.6	47.1	48.5	49.7	50.7	51.5	52.2	52.6	52.7
72.5°	51.6	53.8	55.7	57.4	58.9	60.1	61.2	62.1	62.8	63.3	63.7
70°	61.5	64.0	66.0	67.6	68.9	70.1	71.4	72.7	73.9	74.6	74.9
67.5°	71.3	73.9	75.7	77.2	78.4	79.6	81.3	82.8	84.2	85.1	85.7
65°	80.9	83.7	85.5	86.9	88.0	89.2	91.1	92.6	93.8	94.8	95.6
62.5°	90.5	93.2	95.3	96.9	98.5	99.8	101.4	102.7	103.7	104.6	105.6
60°	98.7	102.0	104.2	105.8	107.7	109.8	111.0	111.9	112.8	113.6	114.2
57.5°	105.5	108.4	111.1	113.1	115.1	117.0	118.4	119.4	120.1	120.7	120.9
55°	111.1	114.1	117.1	119.4	121.3	123.2	124.7	125.9	126.8	127.6	127.8
52.5°	116.1	119.6	122.5	125.1	127.7	129.8	131.4	133.1	134.5	135.6	136.1
50°	121.7	125.2	128.9	132.4	135.1	137.5	139.6	141.9	144.2	146.2	147.5
47.5°	127.4	131.5	136.0	140.3	143.5	147.1	150.5	153.8	158.3	162.1	164.8
45°	133.5	138.7	143.9	149.2	153.8	160.5	166.8	172.2	179.4	185.9	191.0
42.5°	140.6	147.2	153.5	162.1	171.0	180.3	190.2	198.8	210.0	221.4	230.6
40°	149.1	157.5	168.5	180.0	194.2	206.9	224.2	239.5	256.7	278.5	296.4
37.5°	159.3	172.2	187.5	203.6	225.7	246.9	275.4	305.4	332.6	374.4	409.6
35°	172.5	190.5	210.7	239.2	270.5	310.2	354.6	412.5	462.3	532.8	600.3
32.5°	189.5	212.7	245.7	289.6	335.9	407.9	478.3	579.0	672.3	784.1	904.8
30°	208.5	243.9	294.2	354.4	440.8	546.6	670.9	825.5	994.8	1151.9	1306.8
27.5°	236.0	286.6	352.8	450.0	584.6	732.6	950.4	1160.3	1379.4	1574.1	1736.4
25°	268.2	335.0	437.3	580.4	762.4	1015.9	1276.6	1535.7	1771.3	1975.1	2154.5
22.5°	309.6	405.7	542.1	727.5	1010.9	1314.7	1620.5	1906.3	2157.5	2384.5	2578.7
20°	354.7	475.0	669.8	946.1	1270.2	1616.4	1961.6	2266.0	2542.7	2800.1	3019.0
17.5°	411.9	580.3	827.0	1158.5	1533.2	1912.5	2275.2	2605.5	2919.4	3191.8	3420.5
15°	460.6	673.1	995.0	1383.8	1789.1	2189.2	2572.1	2931.0	3257.3	3536.7	3751.7
12.5°	525.5	777.0	1144.1	1577.5	2016.7	2437.7	2841.0	3211.9	3544.0	3820.4	3987.7
10°	586.9	884.6	1288.3	1740.2	2196.6	2645.1	3075.8	3456.1	3764.4	3984.3	4126.9
7.5°	639.1	977.1	1405.6	1871.8	2339.5	2808.4	3244.3	3614.4	3898.7	4082.3	4181.6
5°	678.1	1046.3	1492.6	1978.7	2458.6	2935.8	3368.3	3715.7	3961.4	4097.8	4147.7
2.5°	702.9	1086.9	1543.2	2048.8	2538.3	3016.3	3453.3	3795.3	4003.7	4094.2	4102.8
0°	712.9	1092.1	1550.9	2085.6	2558.4	3039.3	3477.5	3828.0	4019.5	4093.9	4092.4
-2.5°	702.9	1086.9	1543.2	2048.8	2538.3	3016.3	3453.3	3795.3	4003.7	4094.2	4102.8
-5°	678.1	1046.3	1492.6	1978.7	2458.6	2935.8	3368.3	3715.7	3961.4	4097.8	4147.7
-7.5°	639.1	977.1	1405.6	1871.8	2339.5	2808.4	3244.3	3614.4	3898.7	4082.3	4181.6
-10°	586.9	884.6	1288.3	1740.2	2196.6	2645.1	3075.8	3456.1	3764.4	3984.3	4126.9
-12.5°	525.5	777.0	1144.1	1577.5	2016.7	2437.7	2841.0	3211.9	3544.0	3820.4	3987.7
-15°	460.6	673.1	995.0	1383.8	1789.1	2189.2	2572.1	2931.0	3257.3	3536.7	3751.7
-17.5°	411.9	580.3	827.0	1158.5	1533.2	1912.5	2275.2	2605.5	2919.4	3191.8	3420.5
-20°	354.7	475.0	669.8	946.1	1270.2	1616.4	1961.6	2266.0	2542.7	2800.1	3019.0



REPORT NUMBER: P626587 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	309.6	405.7	542.1	727.5	1010.9	1314.7	1620.5	1906.3	2157.5	2384.5	2578.7
-25°	268.2	335.0	437.3	580.4	762.4	1015.9	1276.6	1535.7	1771.3	1975.1	2154.5
-27.5°	236.0	286.6	352.8	450.0	584.6	732.6	950.4	1160.3	1379.4	1574.1	1736.4
-30°	208.5	243.9	294.2	354.4	440.8	546.6	670.9	825.5	994.8	1151.9	1306.8
-32.5°	189.5	212.7	245.7	289.6	335.9	407.9	478.3	579.0	672.3	784.1	904.8
-35°	172.5	190.5	210.7	239.2	270.5	310.2	354.6	412.5	462.3	532.8	600.3
-37.5°	159.3	172.2	187.5	203.6	225.7	246.9	275.4	305.4	332.6	374.4	409.6
-40°	149.1	157.5	168.5	180.0	194.2	206.9	224.2	239.5	256.7	278.5	296.4
-42.5°	140.6	147.2	153.5	162.1	171.0	180.3	190.2	198.8	210.0	221.4	230.6
-45°	133.5	138.7	143.9	149.2	153.8	160.5	166.8	172.2	179.4	185.9	191.0
-47.5°	127.4	131.5	136.0	140.3	143.5	147.1	150.5	153.8	158.3	162.1	164.8
-50°	121.7	125.2	128.9	132.4	135.1	137.5	139.6	141.9	144.2	146.2	147.5
-52.5°	116.1	119.6	122.5	125.1	127.7	129.8	131.4	133.1	134.5	135.6	136.1
-55°	111.1	114.1	117.1	119.4	121.3	123.2	124.7	125.9	126.8	127.6	127.8
-57.5°	105.5	108.4	111.1	113.1	115.1	117.0	118.4	119.4	120.1	120.7	120.9
-60°	98.7	102.0	104.2	105.8	107.7	109.8	111.0	111.9	112.8	113.6	114.2
-62.5°	90.5	93.2	95.3	96.9	98.5	99.8	101.4	102.7	103.7	104.6	105.6
-65°	80.9	83.7	85.5	86.9	88.0	89.2	91.1	92.6	93.8	94.8	95.6
-67.5°	71.3	73.9	75.7	77.2	78.4	79.6	81.3	82.8	84.2	85.1	85.7
-70°	61.5	64.0	66.0	67.6	68.9	70.1	71.4	72.7	73.9	74.6	74.9
-72.5°	51.6	53.8	55.7	57.4	58.9	60.1	61.2	62.1	62.8	63.3	63.7
-75°	42.3	44.0	45.6	47.1	48.5	49.7	50.7	51.5	52.2	52.6	52.7
-77.5°	33.3	34.6	35.8	36.9	37.9	38.9	39.9	40.7	41.5	41.6	41.5
-80°	24.9	25.7	26.5	27.2	27.8	28.5	29.2	29.8	30.3	30.5	30.7
-82.5°	16.9	17.4	17.9	18.3	18.7	19.2	19.7	20.1	20.5	20.8	21.0
-85°	9.6	9.8	10.0	10.1	10.3	10.7	11.2	11.6	11.9	11.9	11.9
-87.5°	3.6	3.6	3.5	3.4	3.4	3.6	3.8	4.0	4.2	4.1	4.0
-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: P626587 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-722-U-MWR-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°	3.8	3.7	3.7	3.7	3.7	3.7	3.8	4.0	4.1	4.2	4.0
85°	11.8	11.7	11.4	11.0	11.4	11.7	11.8	11.9	11.9	11.9	11.6
82.5°	21.2	21.3	21.0	20.6	21.0	21.3	21.2	21.0	20.8	20.5	20.1
80°	30.8	30.8	30.5	30.2	30.5	30.8	30.8	30.7	30.5	30.3	29.8
77.5°	41.4	41.0	41.1	41.2	41.1	41.0	41.4	41.5	41.6	41.5	40.7
75°	52.8	52.8	52.6	52.3	52.6	52.8	52.8	52.7	52.6	52.2	51.5
72.5°	63.8	63.8	63.6	63.3	63.6	63.8	63.8	63.7	63.3	62.8	62.1
70°	75.0	74.8	75.0	75.1	75.0	74.8	75.0	74.9	74.6	73.9	72.7
67.5°	86.2	86.5	86.5	86.2	86.5	86.5	86.2	85.7	85.1	84.2	82.8
65°	96.3	96.8	97.1	97.2	97.1	96.8	96.3	95.6	94.8	93.8	92.6
62.5°	106.4	107.0	107.1	106.8	107.1	107.0	106.4	105.6	104.6	103.7	102.7
60°	114.5	114.6	114.5	114.1	114.5	114.6	114.5	114.2	113.6	112.8	111.9
57.5°	120.9	120.7	120.4	120.0	120.4	120.7	120.9	120.9	120.7	120.1	119.4
55°	127.7	127.3	127.0	126.7	127.0	127.3	127.7	127.8	127.6	126.8	125.9
52.5°	136.2	136.0	135.8	135.5	135.8	136.0	136.2	136.1	135.6	134.5	133.1
50°	148.1	148.3	148.3	148.0	148.3	148.3	148.1	147.5	146.2	144.2	141.9
47.5°	166.6	167.5	168.2	168.6	168.2	167.5	166.6	164.8	162.1	158.3	153.8
45°	194.3	196.3	197.7	198.8	197.7	196.3	194.3	191.0	185.9	179.4	172.2
42.5°	237.1	241.5	243.5	243.0	243.5	241.5	237.1	230.6	221.4	210.0	198.8
40°	308.4	315.5	319.4	322.6	319.4	315.5	308.4	296.4	278.5	256.7	239.5
37.5°	433.7	447.5	454.7	461.0	454.7	447.5	433.7	409.6	374.4	332.6	305.4
35°	650.6	681.6	698.2	704.0	698.2	681.6	650.6	600.3	532.8	462.3	412.5
32.5°	998.7	1055.9	1087.5	1112.0	1087.5	1055.9	998.7	904.8	784.1	672.3	579.0
30°	1429.4	1504.8	1546.7	1567.2	1546.7	1504.8	1429.4	1306.8	1151.9	994.8	825.5
27.5°	1871.0	1956.8	2001.9	1999.4	2001.9	1956.8	1871.0	1736.4	1574.1	1379.4	1160.3
25°	2308.4	2407.6	2452.6	2492.9	2452.6	2407.6	2308.4	2154.5	1975.1	1771.3	1535.7
22.5°	2750.6	2866.7	2930.0	2959.8	2930.0	2866.7	2750.6	2578.7	2384.5	2157.5	1906.3
20°	3187.7	3316.9	3384.2	3413.4	3384.2	3316.9	3187.7	3019.0	2800.1	2542.7	2266.0
17.5°	3575.3	3701.5	3765.5	3792.7	3765.5	3701.5	3575.3	3420.5	3191.8	2919.4	2605.5
15°	3884.8	3977.8	4032.3	4046.8	4032.3	3977.8	3884.8	3751.7	3536.7	3257.3	2931.0
12.5°	4098.7	4134.7	4161.0	4169.0	4161.0	4134.7	4098.7	3987.7	3820.4	3544.0	3211.9
10°	4208.1	4191.8	4185.1	4185.9	4185.1	4191.8	4208.1	4126.9	3984.3	3764.4	3456.1
7.5°	4200.6	4176.5	4128.1	4120.4	4128.1	4176.5	4200.6	4181.6	4082.3	3898.7	3614.4
5°	4140.2	4096.4	4016.0	3993.0	4016.0	4096.4	4140.2	4147.7	4097.8	3961.4	3715.7
2.5°	4069.9	3990.8	3916.9	3869.3	3916.9	3990.8	4069.9	4102.8	4094.2	4003.7	3795.3
0°	4049.0	3957.6	3861.9	3831.0	3861.9	3957.6	4049.0	4092.4	4093.9	4019.5	3828.0
-2.5°	4069.9	3990.8	3916.9	3869.3	3916.9	3990.8	4069.9	4102.8	4094.2	4003.7	3795.3
-5°	4140.2	4096.4	4016.0	3993.0	4016.0	4096.4	4140.2	4147.7	4097.8	3961.4	3715.7
-7.5°	4200.6	4176.5	4128.1	4120.4	4128.1	4176.5	4200.6	4181.6	4082.3	3898.7	3614.4
-10°	4208.1	4191.8	4185.1	4185.9	4185.1	4191.8	4208.1	4126.9	3984.3	3764.4	3456.1
-12.5°	4098.7	4134.7	4161.0	4169.0	4161.0	4134.7	4098.7	3987.7	3820.4	3544.0	3211.9
-15°	3884.8	3977.8	4032.3	4046.8	4032.3	3977.8	3884.8	3751.7	3536.7	3257.3	2931.0
-17.5°	3575.3	3701.5	3765.5	3792.7	3765.5	3701.5	3575.3	3420.5	3191.8	2919.4	2605.5
-20°	3187.7	3316.9	3384.2	3413.4	3384.2	3316.9	3187.7	3019.0	2800.1	2542.7	2266.0



REPORT NUMBER: P626587 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2750.6	2866.7	2930.0	2959.8	2930.0	2866.7	2750.6	2578.7	2384.5	2157.5	1906.3
-25°	2308.4	2407.6	2452.6	2492.9	2452.6	2407.6	2308.4	2154.5	1975.1	1771.3	1535.7
-27.5°	1871.0	1956.8	2001.9	1999.4	2001.9	1956.8	1871.0	1736.4	1574.1	1379.4	1160.3
-30°	1429.4	1504.8	1546.7	1567.2	1546.7	1504.8	1429.4	1306.8	1151.9	994.8	825.5
-32.5°	998.7	1055.9	1087.5	1112.0	1087.5	1055.9	998.7	904.8	784.1	672.3	579.0
-35°	650.6	681.6	698.2	704.0	698.2	681.6	650.6	600.3	532.8	462.3	412.5
-37.5°	433.7	447.5	454.7	461.0	454.7	447.5	433.7	409.6	374.4	332.6	305.4
-40°	308.4	315.5	319.4	322.6	319.4	315.5	308.4	296.4	278.5	256.7	239.5
-42.5°	237.1	241.5	243.5	243.0	243.5	241.5	237.1	230.6	221.4	210.0	198.8
-45°	194.3	196.3	197.7	198.8	197.7	196.3	194.3	191.0	185.9	179.4	172.2
-47.5°	166.6	167.5	168.2	168.6	168.2	167.5	166.6	164.8	162.1	158.3	153.8
-50°	148.1	148.3	148.3	148.0	148.3	148.3	148.1	147.5	146.2	144.2	141.9
-52.5°	136.2	136.0	135.8	135.5	135.8	136.0	136.2	136.1	135.6	134.5	133.1
-55°	127.7	127.3	127.0	126.7	127.0	127.3	127.7	127.8	127.6	126.8	125.9
-57.5°	120.9	120.7	120.4	120.0	120.4	120.7	120.9	120.9	120.7	120.1	119.4
-60°	114.5	114.6	114.5	114.1	114.5	114.6	114.5	114.2	113.6	112.8	111.9
-62.5°	106.4	107.0	107.1	106.8	107.1	107.0	106.4	105.6	104.6	103.7	102.7
-65°	96.3	96.8	97.1	97.2	97.1	96.8	96.3	95.6	94.8	93.8	92.6
-67.5°	86.2	86.5	86.5	86.2	86.5	86.5	86.2	85.7	85.1	84.2	82.8
-70°	75.0	74.8	75.0	75.1	75.0	74.8	75.0	74.9	74.6	73.9	72.7
-72.5°	63.8	63.8	63.6	63.3	63.6	63.8	63.8	63.7	63.3	62.8	62.1
-75°	52.8	52.8	52.6	52.3	52.6	52.8	52.8	52.7	52.6	52.2	51.5
-77.5°	41.4	41.0	41.1	41.2	41.1	41.0	41.4	41.5	41.6	41.5	40.7
-80°	30.8	30.8	30.5	30.2	30.5	30.8	30.8	30.7	30.5	30.3	29.8
-82.5°	21.2	21.3	21.0	20.6	21.0	21.3	21.2	21.0	20.8	20.5	20.1
-85°	11.8	11.7	11.4	11.0	11.4	11.7	11.8	11.9	11.9	11.9	11.6
-87.5°	3.8	3.7	3.7	3.7	3.7	3.7	3.8	4.0	4.1	4.2	4.0
-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: P626587 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-MWR-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°	3.8	3.6	3.4	3.4	3.5	3.6	3.6	3.5	3.4	3.2	3.1
85°	11.2	10.7	10.3	10.1	10.0	9.8	9.6	9.1	8.7	8.2	7.7
82.5°	19.7	19.2	18.7	18.3	17.9	17.4	16.9	16.1	15.2	14.4	13.6
80°	29.2	28.5	27.8	27.2	26.5	25.7	24.9	23.6	22.3	21.0	19.8
77.5°	39.9	38.9	37.9	36.9	35.8	34.6	33.3	31.7	30.1	28.5	26.8
75°	50.7	49.7	48.5	47.1	45.6	44.0	42.3	40.3	38.3	36.2	34.1
72.5°	61.2	60.1	58.9	57.4	55.7	53.8	51.6	49.3	46.8	44.2	41.7
70°	71.4	70.1	68.9	67.6	66.0	64.0	61.5	58.6	55.7	52.7	49.8
67.5°	81.3	79.6	78.4	77.2	75.7	73.9	71.3	68.3	64.9	61.5	58.0
65°	91.1	89.2	88.0	86.9	85.5	83.7	80.9	77.9	74.4	70.5	66.4
62.5°	101.4	99.8	98.5	96.9	95.3	93.2	90.5	87.2	83.7	79.7	75.0
60°	111.0	109.8	107.7	105.8	104.2	102.0	98.7	95.6	92.7	88.1	83.0
57.5°	118.4	117.0	115.1	113.1	111.1	108.4	105.5	102.5	99.2	95.2	90.5
55°	124.7	123.2	121.3	119.4	117.1	114.1	111.1	108.0	104.7	101.4	96.9
52.5°	131.4	129.8	127.7	125.1	122.5	119.6	116.1	112.8	109.8	106.4	102.7
50°	139.6	137.5	135.1	132.4	128.9	125.2	121.7	117.7	114.6	111.3	107.5
47.5°	150.5	147.1	143.5	140.3	136.0	131.5	127.4	123.4	119.7	116.1	112.3
45°	166.8	160.5	153.8	149.2	143.9	138.7	133.5	129.0	124.7	120.7	117.1
42.5°	190.2	180.3	171.0	162.1	153.5	147.2	140.6	135.0	129.8	125.1	120.8
40°	224.2	206.9	194.2	180.0	168.5	157.5	149.1	141.5	135.4	129.8	124.6
37.5°	275.4	246.9	225.7	203.6	187.5	172.2	159.3	149.3	141.2	134.7	128.6
35°	354.6	310.2	270.5	239.2	210.7	190.5	172.5	158.6	148.1	139.6	132.6
32.5°	478.3	407.9	335.9	289.6	245.7	212.7	189.5	170.4	155.6	145.5	137.0
30°	670.9	546.6	440.8	354.4	294.2	243.9	208.5	185.1	166.2	151.3	141.4
27.5°	950.4	732.6	584.6	450.0	352.8	286.6	236.0	200.8	177.3	159.6	146.6
25°	1276.6	1015.9	762.4	580.4	437.3	335.0	268.2	222.9	191.1	168.3	151.1
22.5°	1620.5	1314.7	1010.9	727.5	542.1	405.7	309.6	245.1	204.1	177.5	157.7
20°	1961.6	1616.4	1270.2	946.1	669.8	475.0	354.7	274.6	222.2	187.8	163.9
17.5°	2275.2	1912.5	1533.2	1158.5	827.0	580.3	411.9	304.4	238.1	196.9	169.3
15°	2572.1	2189.2	1789.1	1383.8	995.0	673.1	460.6	330.4	254.5	207.5	176.3
12.5°	2841.0	2437.7	2016.7	1577.5	1144.1	777.0	525.5	368.7	274.8	218.6	183.0
10°	3075.8	2645.1	2196.6	1740.2	1288.3	884.6	586.9	401.3	292.3	227.7	188.4
7.5°	3244.3	2808.4	2339.5	1871.8	1405.6	977.1	639.1	427.2	306.0	234.7	192.6
5°	3368.3	2935.8	2458.6	1978.7	1492.6	1046.3	678.1	445.4	315.8	239.6	195.5
2.5°	3453.3	3016.3	2538.3	2048.8	1543.2	1086.9	702.9	455.1	320.5	243.3	197.1
0°	3477.5	3039.3	2558.4	2085.6	1550.9	1092.1	712.9	456.6	320.4	245.2	197.4
-2.5°	3453.3	3016.3	2538.3	2048.8	1543.2	1086.9	702.9	455.1	320.5	243.3	197.1
-5°	3368.3	2935.8	2458.6	1978.7	1492.6	1046.3	678.1	445.4	315.8	239.6	195.5
-7.5°	3244.3	2808.4	2339.5	1871.8	1405.6	977.1	639.1	427.2	306.0	234.7	192.6
-10°	3075.8	2645.1	2196.6	1740.2	1288.3	884.6	586.9	401.3	292.3	227.7	188.4
-12.5°	2841.0	2437.7	2016.7	1577.5	1144.1	777.0	525.5	368.7	274.8	218.6	183.0
-15°	2572.1	2189.2	1789.1	1383.8	995.0	673.1	460.6	330.4	254.5	207.5	176.3
-17.5°	2275.2	1912.5	1533.2	1158.5	827.0	580.3	411.9	304.4	238.1	196.9	169.3
-20°	1961.6	1616.4	1270.2	946.1	669.8	475.0	354.7	274.6	222.2	187.8	163.9





REPORT NUMBER: P626587 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1620.5	1314.7	1010.9	727.5	542.1	405.7	309.6	245.1	204.1	177.5	157.7
-25°	1276.6	1015.9	762.4	580.4	437.3	335.0	268.2	222.9	191.1	168.3	151.1
-27.5°	950.4	732.6	584.6	450.0	352.8	286.6	236.0	200.8	177.3	159.6	146.6
-30°	670.9	546.6	440.8	354.4	294.2	243.9	208.5	185.1	166.2	151.3	141.4
-32.5°	478.3	407.9	335.9	289.6	245.7	212.7	189.5	170.4	155.6	145.5	137.0
-35°	354.6	310.2	270.5	239.2	210.7	190.5	172.5	158.6	148.1	139.6	132.6
-37.5°	275.4	246.9	225.7	203.6	187.5	172.2	159.3	149.3	141.2	134.7	128.6
-40°	224.2	206.9	194.2	180.0	168.5	157.5	149.1	141.5	135.4	129.8	124.6
-42.5°	190.2	180.3	171.0	162.1	153.5	147.2	140.6	135.0	129.8	125.1	120.8
-45°	166.8	160.5	153.8	149.2	143.9	138.7	133.5	129.0	124.7	120.7	117.1
-47.5°	150.5	147.1	143.5	140.3	136.0	131.5	127.4	123.4	119.7	116.1	112.3
-50°	139.6	137.5	135.1	132.4	128.9	125.2	121.7	117.7	114.6	111.3	107.5
-52.5°	131.4	129.8	127.7	125.1	122.5	119.6	116.1	112.8	109.8	106.4	102.7
-55°	124.7	123.2	121.3	119.4	117.1	114.1	111.1	108.0	104.7	101.4	96.9
-57.5°	118.4	117.0	115.1	113.1	111.1	108.4	105.5	102.5	99.2	95.2	90.5
-60°	111.0	109.8	107.7	105.8	104.2	102.0	98.7	95.6	92.7	88.1	83.0
-62.5°	101.4	99.8	98.5	96.9	95.3	93.2	90.5	87.2	83.7	79.7	75.0
-65°	91.1	89.2	88.0	86.9	85.5	83.7	80.9	77.9	74.4	70.5	66.4
-67.5°	81.3	79.6	78.4	77.2	75.7	73.9	71.3	68.3	64.9	61.5	58.0
-70°	71.4	70.1	68.9	67.6	66.0	64.0	61.5	58.6	55.7	52.7	49.8
-72.5°	61.2	60.1	58.9	57.4	55.7	53.8	51.6	49.3	46.8	44.2	41.7
-75°	50.7	49.7	48.5	47.1	45.6	44.0	42.3	40.3	38.3	36.2	34.1
-77.5°	39.9	38.9	37.9	36.9	35.8	34.6	33.3	31.7	30.1	28.5	26.8
-80°	29.2	28.5	27.8	27.2	26.5	25.7	24.9	23.6	22.3	21.0	19.8
-82.5°	19.7	19.2	18.7	18.3	17.9	17.4	16.9	16.1	15.2	14.4	13.6
-85°	11.2	10.7	10.3	10.1	10.0	9.8	9.6	9.1	8.7	8.2	7.7
-87.5°	3.8	3.6	3.4	3.4	3.5	3.6	3.6	3.5	3.4	3.2	3.1
-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: P626587 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-MWR-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°	3.0	2.8	2.7	2.5	2.4	2.2	2.0	1.9	1.6	1.4	1.2
85°	7.2	6.7	6.2	5.6	5.0	4.4	4.1	3.7	3.2	2.8	2.3
82.5°	12.7	11.9	11.1	10.2	9.2	8.2	7.3	6.4	5.3	4.2	3.5
80°	18.7	17.5	16.3	15.0	13.6	12.1	10.7	9.4	8.2	6.8	5.4
77.5°	25.1	23.4	21.7	20.1	18.4	16.6	14.7	12.8	11.0	9.5	7.8
75°	32.0	30.0	27.8	25.7	23.4	21.2	19.0	16.7	14.4	12.1	10.1
72.5°	39.3	36.7	34.1	31.4	28.8	26.1	23.4	20.6	18.0	15.3	12.5
70°	46.8	43.6	40.6	37.5	34.4	31.1	27.9	24.7	21.5	18.4	15.3
67.5°	54.4	50.9	47.3	43.7	40.2	36.5	32.5	28.7	25.1	21.5	18.0
65°	62.4	58.3	54.1	50.0	45.9	41.9	37.6	32.9	28.6	24.6	20.6
62.5°	70.4	65.8	61.1	56.2	51.6	47.1	42.6	37.3	32.1	27.6	23.2
60°	78.0	73.0	67.8	62.5	57.2	52.2	47.1	41.7	36.0	30.5	25.8
57.5°	85.1	79.7	74.0	68.3	62.7	57.1	51.5	45.7	39.7	33.7	28.2
55°	91.6	85.8	79.9	73.8	67.8	61.9	55.8	49.6	43.4	36.9	30.6
52.5°	97.9	91.8	85.4	79.0	72.6	66.4	60.0	53.4	46.8	40.0	33.3
50°	103.3	97.6	90.8	84.0	77.1	70.6	64.0	57.1	50.0	43.0	35.9
47.5°	107.8	102.6	96.1	88.9	81.6	74.7	67.8	60.6	53.2	45.8	38.4
45°	112.3	107.2	100.9	93.6	86.0	78.7	71.5	64.1	56.3	48.5	40.8
42.5°	116.5	111.4	105.5	98.1	90.3	82.6	75.0	67.3	59.3	51.1	43.1
40°	120.0	115.1	109.9	102.4	94.3	86.3	78.4	70.4	62.1	53.6	45.2
37.5°	123.4	118.4	113.1	106.5	98.1	89.7	81.6	73.4	64.8	56.0	47.3
35°	126.8	121.6	115.9	109.7	101.6	93.0	84.5	76.1	67.3	58.3	49.2
32.5°	129.8	124.4	118.6	112.3	104.8	95.9	87.2	78.6	69.7	60.5	50.9
30°	133.4	126.8	120.9	114.8	107.6	98.7	89.8	80.9	71.8	62.5	52.6
27.5°	136.8	129.2	123.0	116.9	109.8	101.2	92.1	83.0	73.8	64.3	54.2
25°	140.1	131.8	125.0	118.7	111.9	103.5	94.3	84.9	75.6	66.0	55.7
22.5°	143.9	134.2	126.8	120.2	113.9	105.7	96.2	86.7	77.1	67.4	57.1
20°	147.2	136.2	128.5	121.6	115.4	107.3	98.0	88.3	78.5	68.7	58.3
17.5°	150.5	138.4	130.2	123.0	116.5	108.7	99.5	89.6	79.8	69.8	59.4
15°	155.1	141.0	131.6	124.2	117.4	110.0	100.8	90.8	80.8	70.7	60.4
12.5°	159.0	143.1	132.8	125.1	118.2	111.0	101.9	91.8	81.7	71.6	61.3
10°	162.2	144.9	133.7	125.9	118.7	111.7	102.8	92.6	82.5	72.3	62.0
7.5°	164.6	146.1	134.4	126.4	119.1	112.3	103.5	93.4	83.2	72.9	62.6
5°	166.3	147.0	134.9	126.7	119.4	112.7	104.1	93.9	83.6	73.3	63.0
2.5°	167.1	147.4	135.4	126.8	119.4	112.8	104.5	94.2	83.9	73.5	63.2
0°	167.2	147.3	135.5	126.7	119.3	112.7	104.6	94.3	84.0	73.6	63.3
-2.5°	167.1	147.4	135.4	126.8	119.4	112.8	104.5	94.2	83.9	73.5	63.2
-5°	166.3	147.0	134.9	126.7	119.4	112.7	104.1	93.9	83.6	73.3	63.0
-7.5°	164.6	146.1	134.4	126.4	119.1	112.3	103.5	93.4	83.2	72.9	62.6
-10°	162.2	144.9	133.7	125.9	118.7	111.7	102.8	92.6	82.5	72.3	62.0
-12.5°	159.0	143.1	132.8	125.1	118.2	111.0	101.9	91.8	81.7	71.6	61.3
-15°	155.1	141.0	131.6	124.2	117.4	110.0	100.8	90.8	80.8	70.7	60.4
-17.5°	150.5	138.4	130.2	123.0	116.5	108.7	99.5	89.6	79.8	69.8	59.4
-20°	147.2	136.2	128.5	121.6	115.4	107.3	98.0	88.3	78.5	68.7	58.3

Classified

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Scaled Data Report



REPORT NUMBER: P626587 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	143.9	134.2	126.8	120.2	113.9	105.7	96.2	86.7	77.1	67.4	57.1
-25°	140.1	131.8	125.0	118.7	111.9	103.5	94.3	84.9	75.6	66.0	55.7
-27.5°	136.8	129.2	123.0	116.9	109.8	101.2	92.1	83.0	73.8	64.3	54.2
-30°	133.4	126.8	120.9	114.8	107.6	98.7	89.8	80.9	71.8	62.5	52.6
-32.5°	129.8	124.4	118.6	112.3	104.8	95.9	87.2	78.6	69.7	60.5	50.9
-35°	126.8	121.6	115.9	109.7	101.6	93.0	84.5	76.1	67.3	58.3	49.2
-37.5°	123.4	118.4	113.1	106.5	98.1	89.7	81.6	73.4	64.8	56.0	47.3
-40°	120.0	115.1	109.9	102.4	94.3	86.3	78.4	70.4	62.1	53.6	45.2
-42.5°	116.5	111.4	105.5	98.1	90.3	82.6	75.0	67.3	59.3	51.1	43.1
-45°	112.3	107.2	100.9	93.6	86.0	78.7	71.5	64.1	56.3	48.5	40.8
-47.5°	107.8	102.6	96.1	88.9	81.6	74.7	67.8	60.6	53.2	45.8	38.4
-50°	103.3	97.6	90.8	84.0	77.1	70.6	64.0	57.1	50.0	43.0	35.9
-52.5°	97.9	91.8	85.4	79.0	72.6	66.4	60.0	53.4	46.8	40.0	33.3
-55°	91.6	85.8	79.9	73.8	67.8	61.9	55.8	49.6	43.4	36.9	30.6
-57.5°	85.1	79.7	74.0	68.3	62.7	57.1	51.5	45.7	39.7	33.7	28.2
-60°	78.0	73.0	67.8	62.5	57.2	52.2	47.1	41.7	36.0	30.5	25.8
-62.5°	70.4	65.8	61.1	56.2	51.6	47.1	42.6	37.3	32.1	27.6	23.2
-65°	62.4	58.3	54.1	50.0	45.9	41.9	37.6	32.9	28.6	24.6	20.6
-67.5°	54.4	50.9	47.3	43.7	40.2	36.5	32.5	28.7	25.1	21.5	18.0
-70°	46.8	43.6	40.6	37.5	34.4	31.1	27.9	24.7	21.5	18.4	15.3
-72.5°	39.3	36.7	34.1	31.4	28.8	26.1	23.4	20.6	18.0	15.3	12.5
-75°	32.0	30.0	27.8	25.7	23.4	21.2	19.0	16.7	14.4	12.1	10.1
-77.5°	25.1	23.4	21.7	20.1	18.4	16.6	14.7	12.8	11.0	9.5	7.8
-80°	18.7	17.5	16.3	15.0	13.6	12.1	10.7	9.4	8.2	6.8	5.4
-82.5°	12.7	11.9	11.1	10.2	9.2	8.2	7.3	6.4	5.3	4.2	3.5
-85°	7.2	6.7	6.2	5.6	5.0	4.4	4.1	3.7	3.2	2.8	2.3
-87.5°	3.0	2.8	2.7	2.5	2.4	2.2	2.0	1.9	1.6	1.4	1.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P626587 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-MWR-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°	1.0	0.8	0.6	0.5	0.3	0.2	0.0
85°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
82.5°	2.9	2.4	1.9	1.4	1.0	0.5	0.0
80°	3.9	3.2	2.6	1.9	1.3	0.6	0.0
77.5°	6.0	4.3	3.2	2.4	1.6	0.8	0.0
75°	8.0	6.0	3.9	2.9	1.9	1.0	0.0
72.5°	10.1	7.7	5.3	3.3	2.2	1.1	0.0
70°	12.1	9.4	6.6	3.9	2.5	1.3	0.0
67.5°	14.4	11.0	7.9	4.9	2.8	1.4	0.0
65°	16.7	12.7	9.2	5.8	3.1	1.6	0.0
62.5°	18.9	14.5	10.5	6.8	3.4	1.7	0.0
60°	21.0	16.3	11.7	7.7	3.7	1.8	0.0
57.5°	23.1	18.0	13.1	8.6	4.3	2.0	0.0
55°	25.2	19.7	14.4	9.5	4.9	2.1	0.0
52.5°	27.3	21.3	15.7	10.4	5.4	2.3	0.0
50°	29.2	22.9	16.9	11.2	6.0	2.4	0.0
47.5°	31.2	24.6	18.0	12.0	6.5	2.5	0.0
45°	33.2	26.1	19.2	12.8	7.0	2.6	0.0
42.5°	35.2	27.6	20.2	13.6	7.4	2.7	0.0
40°	37.0	29.1	21.3	14.4	7.9	2.8	0.0
37.5°	38.8	30.4	22.4	15.1	8.3	2.9	0.0
35°	40.4	31.8	23.4	15.7	8.6	3.0	0.0
32.5°	41.9	33.1	24.4	16.3	9.0	3.1	0.0
30°	43.3	34.2	25.3	16.9	9.3	3.2	0.0
27.5°	44.6	35.3	26.2	17.4	9.6	3.3	0.0
25°	45.8	36.3	26.9	17.8	9.9	3.4	0.0
22.5°	46.8	37.2	27.6	18.3	10.1	3.4	0.0
20°	47.8	38.0	28.2	18.7	10.4	3.5	0.0
17.5°	48.6	38.6	28.7	19.0	10.5	3.5	0.0
15°	49.4	39.2	29.1	19.3	10.7	3.6	0.0
12.5°	50.1	39.6	29.5	19.5	10.8	3.6	0.0
10°	50.6	40.0	29.8	19.7	10.9	3.6	0.0
7.5°	51.0	40.3	30.0	19.8	11.0	3.7	0.0
5°	51.3	40.5	30.2	19.9	11.0	3.7	0.0
2.5°	51.5	40.5	30.2	19.9	11.0	3.7	0.0
0°	51.6	40.5	30.2	19.9	11.0	3.7	0.0
-2.5°	51.5	40.5	30.2	19.9	11.0	3.7	0.0
-5°	51.3	40.5	30.2	19.9	11.0	3.7	0.0
-7.5°	51.0	40.3	30.0	19.8	11.0	3.7	0.0
-10°	50.6	40.0	29.8	19.7	10.9	3.6	0.0
-12.5°	50.1	39.6	29.5	19.5	10.8	3.6	0.0
-15°	49.4	39.2	29.1	19.3	10.7	3.6	0.0
-17.5°	48.6	38.6	28.7	19.0	10.5	3.5	0.0
-20°	47.8	38.0	28.2	18.7	10.4	3.5	0.0

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CATALOG NUMBER: GFLD-SA1B-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	46.8	37.2	27.6	18.3	10.1	3.4	0.0
-25°	45.8	36.3	26.9	17.8	9.9	3.4	0.0
-27.5°	44.6	35.3	26.2	17.4	9.6	3.3	0.0
-30°	43.3	34.2	25.3	16.9	9.3	3.2	0.0
-32.5°	41.9	33.1	24.4	16.3	9.0	3.1	0.0
-35°	40.4	31.8	23.4	15.7	8.6	3.0	0.0
-37.5°	38.8	30.4	22.4	15.1	8.3	2.9	0.0
-40°	37.0	29.1	21.3	14.4	7.9	2.8	0.0
-42.5°	35.2	27.6	20.2	13.6	7.4	2.7	0.0
-45°	33.2	26.1	19.2	12.8	7.0	2.6	0.0
-47.5°	31.2	24.6	18.0	12.0	6.5	2.5	0.0
-50°	29.2	22.9	16.9	11.2	6.0	2.4	0.0
-52.5°	27.3	21.3	15.7	10.4	5.4	2.3	0.0
-55°	25.2	19.7	14.4	9.5	4.9	2.1	0.0
-57.5°	23.1	18.0	13.1	8.6	4.3	2.0	0.0
-60°	21.0	16.3	11.7	7.7	3.7	1.8	0.0
-62.5°	18.9	14.5	10.5	6.8	3.4	1.7	0.0
-65°	16.7	12.7	9.2	5.8	3.1	1.6	0.0
-67.5°	14.4	11.0	7.9	4.9	2.8	1.4	0.0
-70°	12.1	9.4	6.6	3.9	2.5	1.3	0.0
-72.5°	10.1	7.7	5.3	3.3	2.2	1.1	0.0
-75°	8.0	6.0	3.9	2.9	1.9	1.0	0.0
-77.5°	6.0	4.3	3.2	2.4	1.6	0.8	0.0
-80°	3.9	3.2	2.6	1.9	1.3	0.6	0.0
-82.5°	2.9	2.4	1.9	1.4	1.0	0.5	0.0
-85°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
-87.5°	1.0	0.8	0.6	0.5	0.3	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)