

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: P558788 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-930-U-MR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558788 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-4)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA3C-930-U-MR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4  
Light Source: (48) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

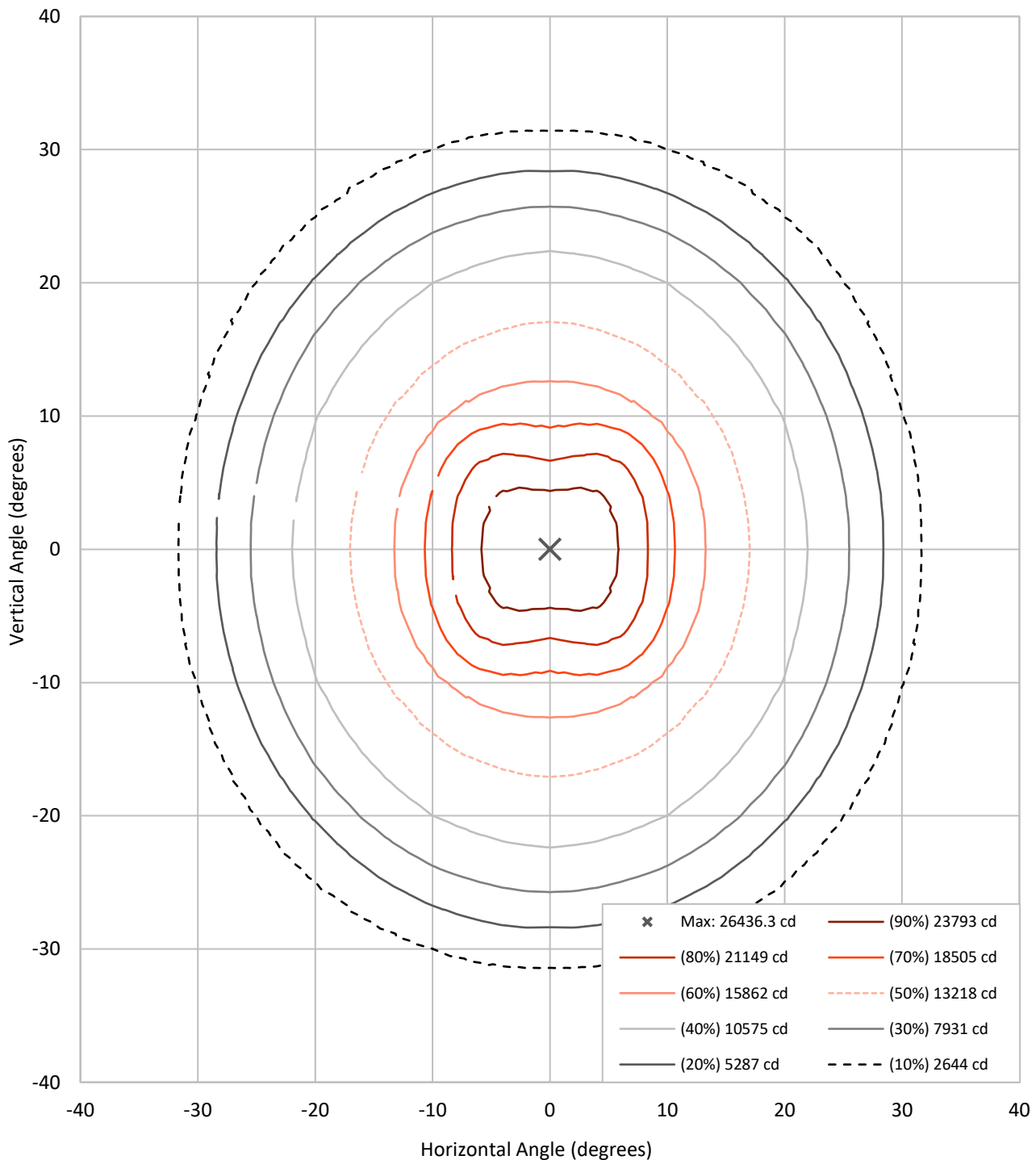
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	11694.7 lumens	Max Intensity:	26436.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	98.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	4981.2 lumens	Field Lumens:	10180.6 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 119  
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





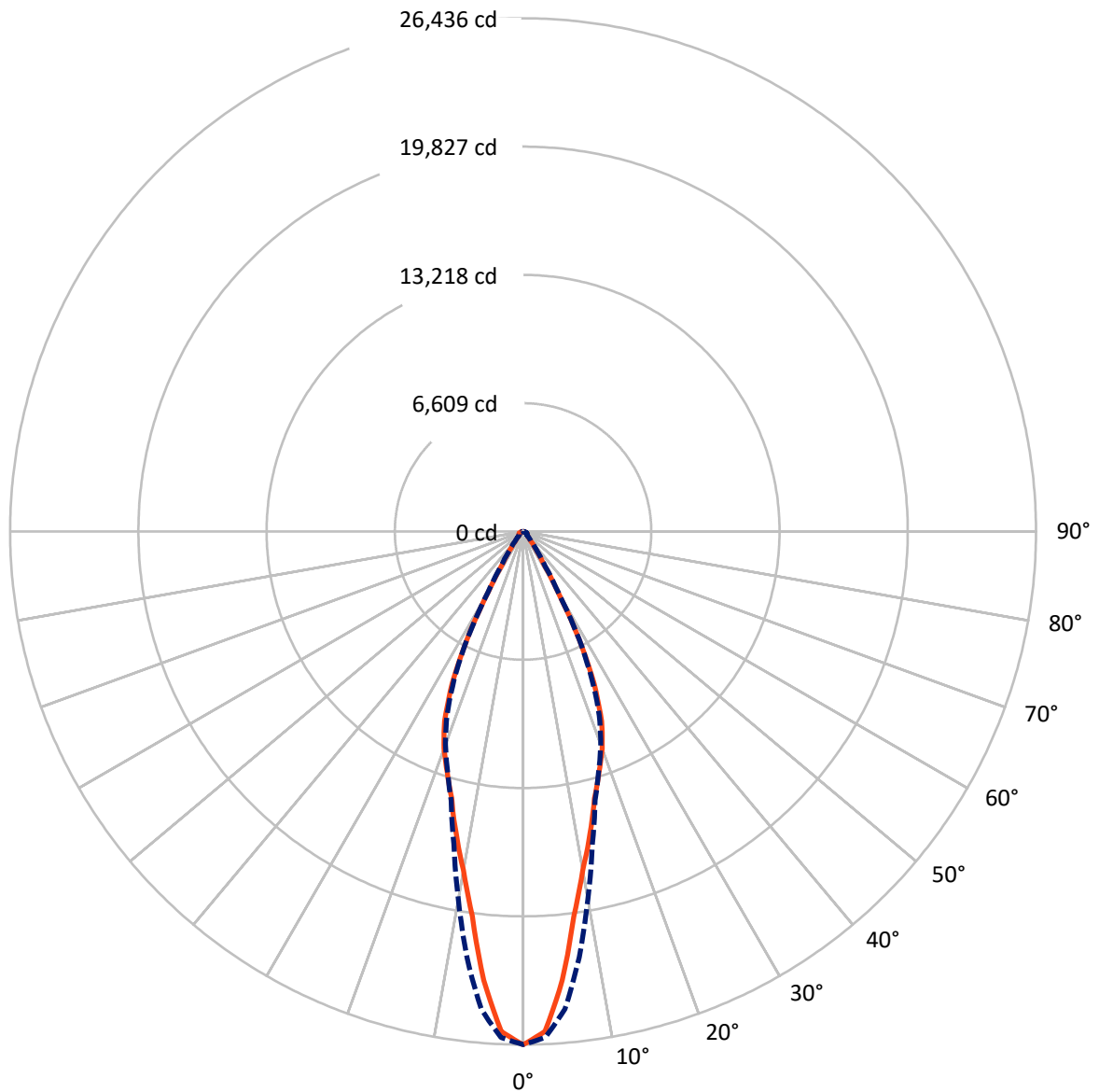
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### Lumen Table

90	0.2		1.3		3.6		6.0		7.0		6.0		3.6		1.3		0.2	
80	0.6		0.7	1.5	2.6	3.8	4.9	5.7	6.2	6.2	5.7	4.9	3.8	2.6	1.5	0.7	0.6	
70	0.6		1.1	2.4	4.1	5.6	6.4	6.7	6.9	6.9	6.7	6.4	5.6	4.1	2.4	1.1	0.6	
60	1.1		1.5	3.3	5.0	5.8	7.2	9.2	10.7	10.7	9.2	7.2	5.8	5.0	3.3	1.5	1.1	
50	1.1		1.9	3.9	5.0	7.6	14.9	28.3	43.3	43.3	28.3	14.9	7.6	5.0	3.9	1.9	1.1	
40	1.5		2.2	4.0	5.6	13.7	45.5	143.1	235.6	235.6	143.1	45.5	13.7	5.6	4.0	2.2	1.5	
30	1.5		2.5	4.0	6.9	25.6	134.9	318.7	422.1	422.1	318.7	134.9	25.6	6.9	4.0	2.5	1.5	
20	1.7		2.6	4.0	8.0	38.9	212.5	414.5	654.1	654.1	414.5	212.5	38.9	8.0	4.0	2.6	1.7	
10	1.7		2.6	4.0	8.0	38.9	212.5	414.5	654.1	654.1	414.5	212.5	38.9	8.0	4.0	2.6	1.7	
0	1.7		2.6	4.0	8.0	38.9	212.5	414.5	654.1	654.1	414.5	212.5	38.9	8.0	4.0	2.6	1.7	
-10	1.5		2.5	4.0	6.9	25.6	134.9	318.7	422.1	422.1	318.7	134.9	25.6	6.9	4.0	2.5	1.5	
-20	1.5		2.2	4.0	5.6	13.7	45.5	143.1	235.6	235.6	143.1	45.5	13.7	5.6	4.0	2.2	1.5	
-30	1.1		1.9	3.9	5.0	7.6	14.9	28.3	43.3	43.3	28.3	14.9	7.6	5.0	3.9	1.9	1.1	
-40	1.1		1.5	3.3	5.0	5.8	7.2	9.2	10.7	10.7	9.2	7.2	5.8	5.0	3.3	1.5	1.1	
-50	0.6		1.1	2.4	4.1	5.6	6.4	6.7	6.9	6.9	6.7	6.4	5.6	4.1	2.4	1.1	0.6	
-60	0.6		0.7	1.5	2.6	3.8	4.9	5.7	6.2	6.2	5.7	4.9	3.8	2.6	1.5	0.7	0.6	
-70	0.6		0.7	1.5	2.6	3.8	4.9	5.7	6.2	6.2	5.7	4.9	3.8	2.6	1.5	0.7	0.6	
-80	0.2		1.3		3.6		6.0		7.0		6.0		3.6		1.3		0.2	
-90	0.2		1.3		3.6		6.0		7.0		6.0		3.6		1.3		0.2	

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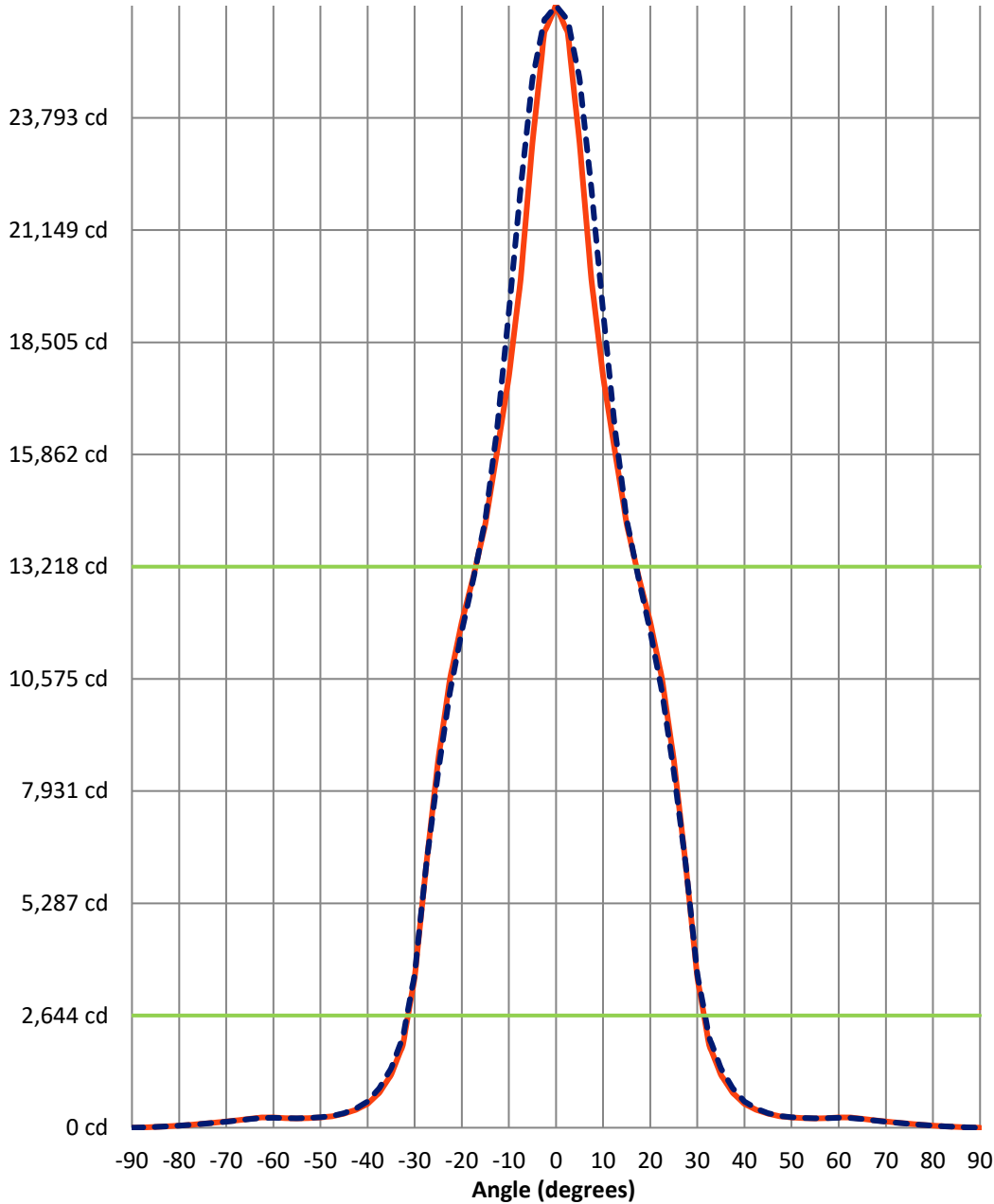
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg

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### Luminous Intensity Plot



**Beam:**  
H Angle: 34°  
V Angle: 34.1°  
Lumens: 4981.2  
Efficiency: 42.6%

**Field:**  
H Angle: 63.3°  
V Angle: 62.8°  
Lumens: 10180.6  
Efficiency: 87.1%

**Spill:**  
Lumens: 1514.1  
Efficiency: 12.9%

— 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	0.9	1.2	1.4	1.7	2.0	2.3	2.6	2.8
85°	0.0	0.6	1.2	1.7	2.3	2.9	3.5	4.0	4.6	5.1	5.7
82.5°	0.0	0.9	1.7	2.6	3.5	4.3	5.2	6.0	7.0	8.4	9.7
80°	0.0	1.2	2.3	3.5	4.6	5.8	7.1	9.1	11.0	12.7	14.4
77.5°	0.0	1.4	2.9	4.3	5.8	7.6	10.2	12.7	15.0	17.1	19.3
75°	0.0	1.7	3.5	5.2	7.1	10.1	13.3	16.3	19.0	21.9	24.9
72.5°	0.0	2.0	4.0	6.0	9.0	12.6	16.4	19.8	23.2	26.7	30.3
70°	0.0	2.3	4.6	7.0	10.9	15.1	19.4	23.4	27.4	31.5	36.8
67.5°	0.0	2.6	5.1	8.4	12.8	17.5	22.4	27.0	31.5	37.6	43.5
65°	0.0	2.8	5.7	9.7	14.7	20.0	25.4	30.4	36.8	43.5	50.7
62.5°	0.0	3.1	6.2	11.1	16.5	22.5	28.4	34.6	42.1	49.7	58.9
60°	0.0	3.3	6.7	12.4	18.3	25.0	31.3	39.1	47.2	57.0	66.9
57.5°	0.0	3.6	7.5	13.6	20.3	27.5	35.0	43.5	53.2	64.1	75.2
55°	0.0	3.8	8.4	14.8	22.3	29.9	38.7	47.8	59.4	71.1	83.4
52.5°	0.0	4.1	9.2	16.0	24.2	32.4	42.2	52.9	65.4	78.1	91.2
50°	0.0	4.3	10.0	17.1	26.1	35.3	45.7	58.0	71.2	84.7	99.4
47.5°	0.0	4.5	10.7	18.3	27.9	38.1	49.2	62.8	76.8	91.1	107.5
45°	0.0	4.7	11.5	19.7	29.7	40.8	53.1	67.4	82.2	98.2	115.5
42.5°	0.0	4.9	12.2	21.0	31.5	43.4	56.8	71.8	87.4	105.2	123.6
40°	0.0	5.1	12.9	22.2	33.3	45.9	60.3	76.2	92.7	111.9	131.6
37.5°	0.0	5.3	13.5	23.4	35.2	48.2	63.7	80.4	98.4	118.4	139.1
35°	0.0	5.5	14.2	24.6	37.0	50.7	66.7	84.3	103.7	124.7	146.4
32.5°	0.0	5.7	14.8	25.6	38.6	53.1	69.7	88.1	108.7	130.6	153.3
30°	0.0	5.8	15.3	26.6	40.2	55.4	72.7	91.8	113.3	136.2	159.8
27.5°	0.0	5.9	15.9	27.4	41.6	57.5	75.5	95.5	117.7	141.4	165.8
25°	0.0	6.1	16.4	28.2	42.8	59.3	78.0	98.9	121.9	146.2	171.4
22.5°	0.0	6.2	16.8	28.9	43.9	61.0	80.4	102.1	125.7	150.7	177.0
20°	0.0	6.3	17.2	29.5	44.9	62.4	82.5	104.8	129.2	154.8	181.9
17.5°	0.0	6.4	17.6	30.0	45.7	63.7	84.4	107.3	132.2	158.4	186.3
15°	0.0	6.5	18.0	30.5	46.5	64.7	86.1	109.4	134.8	161.5	190.1
12.5°	0.0	6.5	18.3	30.8	47.1	65.6	87.5	111.3	137.0	164.1	193.2
10°	0.0	6.6	18.5	31.1	47.6	66.3	88.7	112.8	138.7	166.5	196.0
7.5°	0.0	6.6	18.7	31.3	47.9	66.8	89.6	114.0	140.0	168.5	198.9
5°	0.0	6.7	18.9	31.4	48.1	67.2	90.3	114.8	140.9	170.0	201.2
2.5°	0.0	6.7	19.0	31.4	48.2	67.3	90.7	115.3	141.3	171.1	203.0
0°	0.0	6.7	19.1	31.4	48.2	67.3	90.8	115.5	141.3	171.6	204.1
-2.5°	0.0	6.7	19.0	31.4	48.2	67.3	90.7	115.3	141.3	171.1	203.0
-5°	0.0	6.7	18.9	31.4	48.1	67.2	90.3	114.8	140.9	170.0	201.2
-7.5°	0.0	6.6	18.7	31.3	47.9	66.8	89.6	114.0	140.0	168.5	198.9
-10°	0.0	6.6	18.5	31.1	47.6	66.3	88.7	112.8	138.7	166.5	196.0
-12.5°	0.0	6.5	18.3	30.8	47.1	65.6	87.5	111.3	137.0	164.1	193.2
-15°	0.0	6.5	18.0	30.5	46.5	64.7	86.1	109.4	134.8	161.5	190.1
-17.5°	0.0	6.4	17.6	30.0	45.7	63.7	84.4	107.3	132.2	158.4	186.3
-20°	0.0	6.3	17.2	29.5	44.9	62.4	82.5	104.8	129.2	154.8	181.9



REPORT NUMBER: P558788 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-930-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.2	16.8	28.9	43.9	61.0	80.4	102.1	125.7	150.7	177.0
-25°	0.0	6.1	16.4	28.2	42.8	59.3	78.0	98.9	121.9	146.2	171.4
-27.5°	0.0	5.9	15.9	27.4	41.6	57.5	75.5	95.5	117.7	141.4	165.8
-30°	0.0	5.8	15.3	26.6	40.2	55.4	72.7	91.8	113.3	136.2	159.8
-32.5°	0.0	5.7	14.8	25.6	38.6	53.1	69.7	88.1	108.7	130.6	153.3
-35°	0.0	5.5	14.2	24.6	37.0	50.7	66.7	84.3	103.7	124.7	146.4
-37.5°	0.0	5.3	13.5	23.4	35.2	48.2	63.7	80.4	98.4	118.4	139.1
-40°	0.0	5.1	12.9	22.2	33.3	45.9	60.3	76.2	92.7	111.9	131.6
-42.5°	0.0	4.9	12.2	21.0	31.5	43.4	56.8	71.8	87.4	105.2	123.6
-45°	0.0	4.7	11.5	19.7	29.7	40.8	53.1	67.4	82.2	98.2	115.5
-47.5°	0.0	4.5	10.7	18.3	27.9	38.1	49.2	62.8	76.8	91.1	107.5
-50°	0.0	4.3	10.0	17.1	26.1	35.3	45.7	58.0	71.2	84.7	99.4
-52.5°	0.0	4.1	9.2	16.0	24.2	32.4	42.2	52.9	65.4	78.1	91.2
-55°	0.0	3.8	8.4	14.8	22.3	29.9	38.7	47.8	59.4	71.1	83.4
-57.5°	0.0	3.6	7.5	13.6	20.3	27.5	35.0	43.5	53.2	64.1	75.2
-60°	0.0	3.3	6.7	12.4	18.3	25.0	31.3	39.1	47.2	57.0	66.9
-62.5°	0.0	3.1	6.2	11.1	16.5	22.5	28.4	34.6	42.1	49.7	58.9
-65°	0.0	2.8	5.7	9.7	14.7	20.0	25.4	30.4	36.8	43.5	50.7
-67.5°	0.0	2.6	5.1	8.4	12.8	17.5	22.4	27.0	31.5	37.6	43.5
-70°	0.0	2.3	4.6	7.0	10.9	15.1	19.4	23.4	27.4	31.5	36.8
-72.5°	0.0	2.0	4.0	6.0	9.0	12.6	16.4	19.8	23.2	26.7	30.3
-75°	0.0	1.7	3.5	5.2	7.1	10.1	13.3	16.3	19.0	21.9	24.9
-77.5°	0.0	1.4	2.9	4.3	5.8	7.6	10.2	12.7	15.0	17.1	19.3
-80°	0.0	1.2	2.3	3.5	4.6	5.8	7.1	9.1	11.0	12.7	14.4
-82.5°	0.0	0.9	1.7	2.6	3.5	4.3	5.2	6.0	7.0	8.4	9.7
-85°	0.0	0.6	1.2	1.7	2.3	2.9	3.5	4.0	4.6	5.1	5.7
-87.5°	0.0	0.3	0.6	0.9	1.2	1.4	1.7	2.0	2.3	2.6	2.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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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°	3.1	3.3	3.6	3.8	4.1	4.3	4.5	4.7	4.9	5.1	5.3
85°	6.2	6.7	7.5	8.3	9.1	9.7	10.3	10.9	11.5	12.1	12.6
82.5°	11.0	12.3	13.5	14.7	15.7	16.6	17.5	18.7	20.1	21.4	22.7
80°	16.1	17.8	19.9	22.1	24.0	25.9	27.8	29.7	31.6	33.6	35.6
77.5°	21.9	24.7	27.5	30.3	33.0	36.2	39.3	42.4	45.2	47.7	50.0
75°	28.1	31.5	35.6	39.8	43.9	47.8	51.8	56.1	60.0	63.4	66.6
72.5°	34.8	39.7	44.7	49.7	55.3	60.7	65.8	70.8	75.4	79.7	84.0
70°	42.3	47.9	54.6	61.3	67.8	73.9	79.9	85.6	90.9	96.5	102.5
67.5°	49.9	57.7	65.4	72.9	80.5	87.5	94.1	101.4	108.6	115.6	122.4
65°	58.9	67.5	76.4	85.1	93.4	101.8	110.2	118.5	127.0	135.1	142.6
62.5°	67.9	77.9	87.7	97.3	107.2	116.8	126.6	136.4	145.8	155.6	165.0
60°	77.5	88.4	99.1	109.9	121.0	132.4	143.4	154.9	166.4	177.5	188.1
57.5°	86.9	98.7	110.5	122.7	135.5	148.2	161.2	174.1	187.3	199.9	210.9
55°	96.1	108.8	122.0	136.1	150.2	164.7	179.2	194.2	208.4	219.0	228.9
52.5°	105.3	119.0	134.1	149.4	165.1	181.4	198.3	212.8	224.6	233.6	235.8
50°	114.3	130.0	146.0	162.8	180.1	198.6	214.8	227.8	234.4	237.0	235.6
47.5°	123.9	140.7	158.0	176.0	195.4	213.0	228.3	234.9	238.1	234.7	230.4
45°	133.4	151.4	169.7	189.5	208.8	225.5	234.1	238.9	234.6	230.4	227.5
42.5°	142.5	161.8	181.8	202.2	220.2	232.0	237.4	234.7	231.0	227.9	228.9
40°	151.5	171.9	193.6	212.8	229.1	235.1	234.2	230.8	228.7	230.1	234.7
37.5°	160.2	182.4	204.6	223.2	232.0	234.4	230.4	228.2	229.8	235.2	245.2
35°	168.5	192.4	213.6	229.2	235.1	231.0	228.1	227.7	233.7	244.5	259.5
32.5°	176.9	202.0	222.0	231.8	232.8	228.3	226.0	231.2	240.6	254.8	280.1
30°	185.0	209.4	228.3	234.2	230.2	226.6	227.8	235.2	248.1	271.7	312.6
27.5°	192.4	216.1	230.3	233.1	227.9	224.9	230.4	241.6	260.3	291.8	350.1
25°	199.2	222.1	232.1	231.0	226.3	226.0	233.5	247.3	273.0	324.0	403.9
22.5°	204.7	227.6	233.8	229.0	224.8	227.8	238.4	257.5	291.9	354.4	460.0
20°	209.2	229.0	233.4	227.1	223.4	229.3	242.7	267.5	317.4	402.0	523.2
17.5°	213.3	230.3	231.9	225.8	224.2	231.7	247.2	276.4	340.0	442.8	584.0
15°	217.0	231.4	230.3	224.8	225.3	234.8	254.5	293.2	367.0	481.4	638.5
12.5°	220.1	232.3	228.9	223.9	226.1	237.4	260.7	308.5	393.8	523.1	725.9
10°	222.7	233.0	227.6	223.1	226.6	239.5	265.7	320.5	414.3	558.6	799.3
7.5°	225.2	233.7	226.5	222.5	226.9	241.0	269.5	329.4	429.0	587.0	854.2
5°	227.0	234.1	225.9	222.2	227.7	242.7	272.3	335.1	437.9	607.7	891.0
2.5°	228.2	234.3	225.5	222.1	228.9	245.0	274.7	340.0	445.9	618.0	917.1
0°	228.8	234.4	225.4	222.0	229.9	246.7	275.9	342.0	449.7	617.9	933.0
-2.5°	228.2	234.3	225.5	222.1	228.9	245.0	274.7	340.0	445.9	618.0	917.1
-5°	227.0	234.1	225.9	222.2	227.7	242.7	272.3	335.1	437.9	607.7	891.0
-7.5°	225.2	233.7	226.5	222.5	226.9	241.0	269.5	329.4	429.0	587.0	854.2
-10°	222.7	233.0	227.6	223.1	226.6	239.5	265.7	320.5	414.3	558.6	799.3
-12.5°	220.1	232.3	228.9	223.9	226.1	237.4	260.7	308.5	393.8	523.1	725.9
-15°	217.0	231.4	230.3	224.8	225.3	234.8	254.5	293.2	367.0	481.4	638.5
-17.5°	213.3	230.3	231.9	225.8	224.2	231.7	247.2	276.4	340.0	442.8	584.0
-20°	209.2	229.0	233.4	227.1	223.4	229.3	242.7	267.5	317.4	402.0	523.2



REPORT NUMBER: P558788 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-930-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	204.7	227.6	233.8	229.0	224.8	227.8	238.4	257.5	291.9	354.4	460.0
-25°	199.2	222.1	232.1	231.0	226.3	226.0	233.5	247.3	273.0	324.0	403.9
-27.5°	192.4	216.1	230.3	233.1	227.9	224.9	230.4	241.6	260.3	291.8	350.1
-30°	185.0	209.4	228.3	234.2	230.2	226.6	227.8	235.2	248.1	271.7	312.6
-32.5°	176.9	202.0	222.0	231.8	232.8	228.3	226.0	231.2	240.6	254.8	280.1
-35°	168.5	192.4	213.6	229.2	235.1	231.0	228.1	227.7	233.7	244.5	259.5
-37.5°	160.2	182.4	204.6	223.2	232.0	234.4	230.4	228.2	229.8	235.2	245.2
-40°	151.5	171.9	193.6	212.8	229.1	235.1	234.2	230.8	228.7	230.1	234.7
-42.5°	142.5	161.8	181.8	202.2	220.2	232.0	237.4	234.7	231.0	227.9	228.9
-45°	133.4	151.4	169.7	189.5	208.8	225.5	234.1	238.9	234.6	230.4	227.5
-47.5°	123.9	140.7	158.0	176.0	195.4	213.0	228.3	234.9	238.1	234.7	230.4
-50°	114.3	130.0	146.0	162.8	180.1	198.6	214.8	227.8	234.4	237.0	235.6
-52.5°	105.3	119.0	134.1	149.4	165.1	181.4	198.3	212.8	224.6	233.6	235.8
-55°	96.1	108.8	122.0	136.1	150.2	164.7	179.2	194.2	208.4	219.0	228.9
-57.5°	86.9	98.7	110.5	122.7	135.5	148.2	161.2	174.1	187.3	199.9	210.9
-60°	77.5	88.4	99.1	109.9	121.0	132.4	143.4	154.9	166.4	177.5	188.1
-62.5°	67.9	77.9	87.7	97.3	107.2	116.8	126.6	136.4	145.8	155.6	165.0
-65°	58.9	67.5	76.4	85.1	93.4	101.8	110.2	118.5	127.0	135.1	142.6
-67.5°	49.9	57.7	65.4	72.9	80.5	87.5	94.1	101.4	108.6	115.6	122.4
-70°	42.3	47.9	54.6	61.3	67.8	73.9	79.9	85.6	90.9	96.5	102.5
-72.5°	34.8	39.7	44.7	49.7	55.3	60.7	65.8	70.8	75.4	79.7	84.0
-75°	28.1	31.5	35.6	39.8	43.9	47.8	51.8	56.1	60.0	63.4	66.6
-77.5°	21.9	24.7	27.5	30.3	33.0	36.2	39.3	42.4	45.2	47.7	50.0
-80°	16.1	17.8	19.9	22.1	24.0	25.9	27.8	29.7	31.6	33.6	35.6
-82.5°	11.0	12.3	13.5	14.7	15.7	16.6	17.5	18.7	20.1	21.4	22.7
-85°	6.2	6.7	7.5	8.3	9.1	9.7	10.3	10.9	11.5	12.1	12.6
-87.5°	3.1	3.3	3.6	3.8	4.1	4.3	4.5	4.7	4.9	5.1	5.3
-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: P558788 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-930-U-MR-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°	5.5	5.4	5.3	5.2	5.1	5.2	5.3	5.3	5.4	5.7	6.1
85°	13.1	13.7	14.3	15.0	15.6	16.0	16.4	16.8	17.1	17.3	17.5
82.5°	23.9	25.2	26.4	27.4	28.4	29.1	29.8	30.5	31.0	31.5	31.8
80°	37.4	39.0	40.5	41.8	43.0	44.0	44.8	45.5	46.1	47.2	48.3
77.5°	52.4	54.7	56.8	58.8	60.5	62.3	63.9	65.4	66.7	67.8	68.5
75°	69.7	72.6	75.6	78.3	80.8	83.3	85.8	88.0	90.1	91.5	92.5
72.5°	88.3	92.3	95.8	99.3	102.4	105.5	108.6	111.4	113.9	115.7	117.2
70°	108.2	113.4	117.6	121.5	125.4	129.3	133.1	136.4	139.2	141.6	143.5
67.5°	128.9	134.8	140.1	145.2	150.4	155.2	159.8	164.1	168.0	171.0	173.0
65°	150.0	157.6	164.5	170.9	176.6	182.0	187.8	193.1	197.9	201.8	204.8
62.5°	173.9	182.5	190.3	197.4	203.7	208.8	214.3	219.3	223.8	227.9	232.1
60°	198.3	207.9	214.8	220.8	226.3	231.2	233.1	234.9	236.4	237.8	239.4
57.5°	219.5	227.8	233.7	235.1	236.3	237.3	236.7	234.8	232.8	230.8	229.2
55°	234.4	236.7	239.4	237.3	234.0	231.0	228.3	226.4	224.7	223.1	221.7
52.5°	238.3	236.1	233.3	230.3	228.0	225.7	223.4	223.8	224.5	225.0	225.3
50°	232.5	229.9	228.4	226.7	227.0	228.2	229.1	231.3	234.1	236.0	237.7
47.5°	228.1	226.3	228.6	231.4	234.0	238.9	243.2	247.4	253.8	259.0	263.1
45°	226.8	231.1	235.5	242.4	248.6	259.2	269.1	277.4	292.9	307.1	318.3
42.5°	233.3	240.6	248.6	262.1	276.7	295.4	319.5	339.8	363.7	386.0	402.1
40°	243.9	254.6	272.5	294.3	328.5	358.8	398.7	432.9	465.0	498.9	524.5
37.5°	259.0	279.1	312.7	351.9	403.7	453.5	508.5	561.9	607.4	676.2	730.1
35°	281.6	322.3	370.0	435.4	503.1	579.4	659.8	763.4	854.6	961.6	1062.2
32.5°	322.8	377.9	452.6	541.1	631.1	762.7	886.9	1055.2	1206.5	1395.2	1598.2
30°	371.0	453.1	553.6	669.2	832.0	1013.2	1217.3	1475.5	1782.3	2147.5	2637.7
27.5°	437.5	542.9	669.2	856.6	1087.7	1330.4	1692.4	2126.3	2917.2	3606.3	4519.7
25°	509.0	637.8	837.5	1089.3	1393.4	1830.5	2538.3	3441.2	4720.3	5943.2	6920.9
22.5°	591.4	779.6	1031.7	1345.1	1837.3	2683.4	3782.4	5372.6	6798.8	8032.3	8982.2
20°	682.7	918.7	1257.6	1736.5	2574.6	3813.8	5578.0	7210.0	8666.8	9728.6	10567.9
17.5°	800.9	1109.2	1539.2	2200.0	3486.4	5396.0	7214.7	8827.9	10095.3	11028.2	11772.3
15°	911.3	1284.5	1841.9	2969.4	4725.1	6766.0	8630.3	10069.3	11166.1	12034.2	12703.2
12.5°	1041.6	1481.6	2195.7	3634.0	5864.2	7896.3	9635.3	10979.0	12035.2	12849.0	13745.6
10°	1157.6	1693.5	2702.5	4519.6	6799.5	8784.6	10473.4	11680.9	12740.1	13800.5	15145.0
7.5°	1253.4	1871.4	3118.2	5266.9	7517.6	9441.8	10980.2	12186.8	13354.1	14770.4	16709.6
5°	1329.5	2005.5	3460.2	5831.1	8039.7	9910.8	11367.3	12590.4	13908.8	15803.4	18405.7
2.5°	1380.3	2093.4	3674.0	6171.9	8369.1	10179.7	11654.2	12854.3	14236.6	16381.8	19100.5
0°	1400.6	2134.0	3619.8	6233.7	8389.0	10267.3	11697.0	12952.9	14330.0	16478.5	19228.1
-2.5°	1380.3	2093.4	3674.0	6171.9	8369.1	10179.7	11654.2	12854.3	14236.6	16381.8	19100.5
-5°	1329.5	2005.5	3460.2	5831.1	8039.7	9910.8	11367.3	12590.4	13908.8	15803.4	18405.7
-7.5°	1253.4	1871.4	3118.2	5266.9	7517.6	9441.8	10980.2	12186.8	13354.1	14770.4	16709.6
-10°	1157.6	1693.5	2702.5	4519.6	6799.5	8784.6	10473.4	11680.9	12740.1	13800.5	15145.0
-12.5°	1041.6	1481.6	2195.7	3634.0	5864.2	7896.3	9635.3	10979.0	12035.2	12849.0	13745.6
-15°	911.3	1284.5	1841.9	2969.4	4725.1	6766.0	8630.3	10069.3	11166.1	12034.2	12703.2
-17.5°	800.9	1109.2	1539.2	2200.0	3486.4	5396.0	7214.7	8827.9	10095.3	11028.2	11772.3
-20°	682.7	918.7	1257.6	1736.5	2574.6	3813.8	5578.0	7210.0	8666.8	9728.6	10567.9



REPORT NUMBER: P558788 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-930-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	591.4	779.6	1031.7	1345.1	1837.3	2683.4	3782.4	5372.6	6798.8	8032.3	8982.2
-25°	509.0	637.8	837.5	1089.3	1393.4	1830.5	2538.3	3441.2	4720.3	5943.2	6920.9
-27.5°	437.5	542.9	669.2	856.6	1087.7	1330.4	1692.4	2126.3	2917.2	3606.3	4519.7
-30°	371.0	453.1	553.6	669.2	832.0	1013.2	1217.3	1475.5	1782.3	2147.5	2637.7
-32.5°	322.8	377.9	452.6	541.1	631.1	762.7	886.9	1055.2	1206.5	1395.2	1598.2
-35°	281.6	322.3	370.0	435.4	503.1	579.4	659.8	763.4	854.6	961.6	1062.2
-37.5°	259.0	279.1	312.7	351.9	403.7	453.5	508.5	561.9	607.4	676.2	730.1
-40°	243.9	254.6	272.5	294.3	328.5	358.8	398.7	432.9	465.0	498.9	524.5
-42.5°	233.3	240.6	248.6	262.1	276.7	295.4	319.5	339.8	363.7	386.0	402.1
-45°	226.8	231.1	235.5	242.4	248.6	259.2	269.1	277.4	292.9	307.1	318.3
-47.5°	228.1	226.3	228.6	231.4	234.0	238.9	243.2	247.4	253.8	259.0	263.1
-50°	232.5	229.9	228.4	226.7	227.0	228.2	229.1	231.3	234.1	236.0	237.7
-52.5°	238.3	236.1	233.3	230.3	228.0	225.7	223.4	223.8	224.5	225.0	225.3
-55°	234.4	236.7	239.4	237.3	234.0	231.0	228.3	226.4	224.7	223.1	221.7
-57.5°	219.5	227.8	233.7	235.1	236.3	237.3	236.7	234.8	232.8	230.8	229.2
-60°	198.3	207.9	214.8	220.8	226.3	231.2	233.1	234.9	236.4	237.8	239.4
-62.5°	173.9	182.5	190.3	197.4	203.7	208.8	214.3	219.3	223.8	227.9	232.1
-65°	150.0	157.6	164.5	170.9	176.6	182.0	187.8	193.1	197.9	201.8	204.8
-67.5°	128.9	134.8	140.1	145.2	150.4	155.2	159.8	164.1	168.0	171.0	173.0
-70°	108.2	113.4	117.6	121.5	125.4	129.3	133.1	136.4	139.2	141.6	143.5
-72.5°	88.3	92.3	95.8	99.3	102.4	105.5	108.6	111.4	113.9	115.7	117.2
-75°	69.7	72.6	75.6	78.3	80.8	83.3	85.8	88.0	90.1	91.5	92.5
-77.5°	52.4	54.7	56.8	58.8	60.5	62.3	63.9	65.4	66.7	67.8	68.5
-80°	37.4	39.0	40.5	41.8	43.0	44.0	44.8	45.5	46.1	47.2	48.3
-82.5°	23.9	25.2	26.4	27.4	28.4	29.1	29.8	30.5	31.0	31.5	31.8
-85°	13.1	13.7	14.3	15.0	15.6	16.0	16.4	16.8	17.1	17.3	17.5
-87.5°	5.5	5.4	5.3	5.2	5.1	5.2	5.3	5.3	5.4	5.7	6.1
-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: P558788 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-930-U-MR-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°	6.4	6.7	6.7	6.7	6.7	6.7	6.4	6.1	5.7	5.4	5.3
85°	17.7	17.8	18.5	19.1	18.5	17.8	17.7	17.5	17.3	17.1	16.8
82.5°	32.1	32.3	32.5	32.5	32.5	32.3	32.1	31.8	31.5	31.0	30.5
80°	49.3	50.2	49.8	49.3	49.8	50.2	49.3	48.3	47.2	46.1	45.5
77.5°	68.9	69.1	68.9	68.4	68.9	69.1	68.9	68.5	67.8	66.7	65.4
75°	93.2	93.6	94.1	94.2	94.1	93.6	93.2	92.5	91.5	90.1	88.0
72.5°	118.4	119.3	119.3	118.9	119.3	119.3	118.4	117.2	115.7	113.9	111.4
70°	145.0	146.0	146.7	146.9	146.7	146.0	145.0	143.5	141.6	139.2	136.4
67.5°	174.4	175.1	175.8	176.1	175.8	175.1	174.4	173.0	171.0	168.0	164.1
65°	207.4	209.3	210.0	209.7	210.0	209.3	207.4	204.8	201.8	197.9	193.1
62.5°	235.9	239.3	240.8	241.1	240.8	239.3	235.9	232.1	227.9	223.8	219.3
60°	240.7	241.9	242.2	242.2	242.2	241.9	240.7	239.4	237.8	236.4	234.9
57.5°	227.7	226.4	225.6	225.4	225.6	226.4	227.7	229.2	230.8	232.8	234.8
55°	220.5	219.3	218.8	218.7	218.8	219.3	220.5	221.7	223.1	224.7	226.4
52.5°	225.4	225.2	225.7	226.5	225.7	225.2	225.4	225.3	225.0	224.5	223.8
50°	239.1	240.1	241.2	242.2	241.2	240.1	239.1	237.7	236.0	234.1	231.3
47.5°	266.1	267.6	268.5	269.1	268.5	267.6	266.1	263.1	259.0	253.8	247.4
45°	325.5	329.4	331.3	331.9	331.3	329.4	325.5	318.3	307.1	292.9	277.4
42.5°	412.8	418.6	421.1	421.6	421.1	418.6	412.8	402.1	386.0	363.7	339.8
40°	542.8	553.2	558.2	561.8	558.2	553.2	542.8	524.5	498.9	465.0	432.9
37.5°	770.4	796.6	811.4	824.2	811.4	796.6	770.4	730.1	676.2	607.4	561.9
35°	1144.1	1204.0	1239.3	1247.0	1239.3	1204.0	1144.1	1062.2	961.6	854.6	763.4
32.5°	1754.5	1872.1	1942.4	1951.2	1942.4	1872.1	1754.5	1598.2	1395.2	1206.5	1055.2
30°	3018.2	3347.7	3573.5	3542.4	3573.5	3347.7	3018.2	2637.7	2147.5	1782.3	1475.5
27.5°	5268.0	5865.5	6253.6	6221.4	6253.6	5865.5	5268.0	4519.7	3606.3	2917.2	2126.3
25°	7672.5	8222.5	8547.2	8667.1	8547.2	8222.5	7672.5	6920.9	5943.2	4720.3	3441.2
22.5°	9636.1	10127.8	10408.7	10576.8	10408.7	10127.8	9636.1	8982.2	8032.3	6798.8	5372.6
20°	11140.6	11567.0	11808.6	11912.3	11808.6	11567.0	11140.6	10567.9	9728.6	8666.8	7210.0
17.5°	12298.0	12655.0	12928.5	12998.9	12928.5	12655.0	12298.0	11772.3	11028.2	10095.3	8827.9
15°	13321.8	13782.9	14105.4	14225.7	14105.4	13782.9	13321.8	12703.2	12034.2	11166.1	10069.3
12.5°	14612.8	15414.6	15840.9	15939.2	15840.9	15414.6	14612.8	13745.6	12849.0	12035.2	10979.0
10°	16521.0	17753.4	17893.1	17701.9	17893.1	17753.4	16521.0	15145.0	13800.5	12740.1	11680.9
7.5°	19300.1	20943.5	20588.1	19996.3	20588.1	20943.5	19300.1	16709.6	14770.4	13354.1	12186.8
5°	21288.8	23570.4	23641.3	23206.8	23641.3	23570.4	21288.8	18405.7	15803.4	13908.8	12590.4
2.5°	22080.5	24429.3	25598.2	25789.9	25598.2	24429.3	22080.5	19100.5	16381.8	14236.6	12854.3
0°	22139.8	24706.0	26092.0	26436.3	26092.0	24706.0	22139.8	19228.1	16478.5	14330.0	12952.9
-2.5°	22080.5	24429.3	25598.2	25789.9	25598.2	24429.3	22080.5	19100.5	16381.8	14236.6	12854.3
-5°	21288.8	23570.4	23641.3	23206.8	23641.3	23570.4	21288.8	18405.7	15803.4	13908.8	12590.4
-7.5°	19300.1	20943.5	20588.1	19996.3	20588.1	20943.5	19300.1	16709.6	14770.4	13354.1	12186.8
-10°	16521.0	17753.4	17893.1	17701.9	17893.1	17753.4	16521.0	15145.0	13800.5	12740.1	11680.9
-12.5°	14612.8	15414.6	15840.9	15939.2	15840.9	15414.6	14612.8	13745.6	12849.0	12035.2	10979.0
-15°	13321.8	13782.9	14105.4	14225.7	14105.4	13782.9	13321.8	12703.2	12034.2	11166.1	10069.3
-17.5°	12298.0	12655.0	12928.5	12998.9	12928.5	12655.0	12298.0	11772.3	11028.2	10095.3	8827.9
-20°	11140.6	11567.0	11808.6	11912.3	11808.6	11567.0	11140.6	10567.9	9728.6	8666.8	7210.0



REPORT NUMBER: P558788 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-930-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9636.1	10127.8	10408.7	10576.8	10408.7	10127.8	9636.1	8982.2	8032.3	6798.8	5372.6
-25°	7672.5	8222.5	8547.2	8667.1	8547.2	8222.5	7672.5	6920.9	5943.2	4720.3	3441.2
-27.5°	5268.0	5865.5	6253.6	6221.4	6253.6	5865.5	5268.0	4519.7	3606.3	2917.2	2126.3
-30°	3018.2	3347.7	3573.5	3542.4	3573.5	3347.7	3018.2	2637.7	2147.5	1782.3	1475.5
-32.5°	1754.5	1872.1	1942.4	1951.2	1942.4	1872.1	1754.5	1598.2	1395.2	1206.5	1055.2
-35°	1144.1	1204.0	1239.3	1247.0	1239.3	1204.0	1144.1	1062.2	961.6	854.6	763.4
-37.5°	770.4	796.6	811.4	824.2	811.4	796.6	770.4	730.1	676.2	607.4	561.9
-40°	542.8	553.2	558.2	561.8	558.2	553.2	542.8	524.5	498.9	465.0	432.9
-42.5°	412.8	418.6	421.1	421.6	421.1	418.6	412.8	402.1	386.0	363.7	339.8
-45°	325.5	329.4	331.3	331.9	331.3	329.4	325.5	318.3	307.1	292.9	277.4
-47.5°	266.1	267.6	268.5	269.1	268.5	267.6	266.1	263.1	259.0	253.8	247.4
-50°	239.1	240.1	241.2	242.2	241.2	240.1	239.1	237.7	236.0	234.1	231.3
-52.5°	225.4	225.2	225.7	226.5	225.7	225.2	225.4	225.3	225.0	224.5	223.8
-55°	220.5	219.3	218.8	218.7	218.8	219.3	220.5	221.7	223.1	224.7	226.4
-57.5°	227.7	226.4	225.6	225.4	225.6	226.4	227.7	229.2	230.8	232.8	234.8
-60°	240.7	241.9	242.2	242.2	242.2	241.9	240.7	239.4	237.8	236.4	234.9
-62.5°	235.9	239.3	240.8	241.1	240.8	239.3	235.9	232.1	227.9	223.8	219.3
-65°	207.4	209.3	210.0	209.7	210.0	209.3	207.4	204.8	201.8	197.9	193.1
-67.5°	174.4	175.1	175.8	176.1	175.8	175.1	174.4	173.0	171.0	168.0	164.1
-70°	145.0	146.0	146.7	146.9	146.7	146.0	145.0	143.5	141.6	139.2	136.4
-72.5°	118.4	119.3	119.3	118.9	119.3	119.3	118.4	117.2	115.7	113.9	111.4
-75°	93.2	93.6	94.1	94.2	94.1	93.6	93.2	92.5	91.5	90.1	88.0
-77.5°	68.9	69.1	68.9	68.4	68.9	69.1	68.9	68.5	67.8	66.7	65.4
-80°	49.3	50.2	49.8	49.3	49.8	50.2	49.3	48.3	47.2	46.1	45.5
-82.5°	32.1	32.3	32.5	32.5	32.5	32.3	32.1	31.8	31.5	31.0	30.5
-85°	17.7	17.8	18.5	19.1	18.5	17.8	17.7	17.5	17.3	17.1	16.8
-87.5°	6.4	6.7	6.7	6.7	6.7	6.7	6.4	6.1	5.7	5.4	5.3
-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: P558788 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-930-U-MR-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°	5.3	5.2	5.1	5.2	5.3	5.4	5.5	5.3	5.1	4.9	4.7
85°	16.4	16.0	15.6	15.0	14.3	13.7	13.1	12.6	12.1	11.5	10.9
82.5°	29.8	29.1	28.4	27.4	26.4	25.2	23.9	22.7	21.4	20.1	18.7
80°	44.8	44.0	43.0	41.8	40.5	39.0	37.4	35.6	33.6	31.6	29.7
77.5°	63.9	62.3	60.5	58.8	56.8	54.7	52.4	50.0	47.7	45.2	42.4
75°	85.8	83.3	80.8	78.3	75.6	72.6	69.7	66.6	63.4	60.0	56.1
72.5°	108.6	105.5	102.4	99.3	95.8	92.3	88.3	84.0	79.7	75.4	70.8
70°	133.1	129.3	125.4	121.5	117.6	113.4	108.2	102.5	96.5	90.9	85.6
67.5°	159.8	155.2	150.4	145.2	140.1	134.8	128.9	122.4	115.6	108.6	101.4
65°	187.8	182.0	176.6	170.9	164.5	157.6	150.0	142.6	135.1	127.0	118.5
62.5°	214.3	208.8	203.7	197.4	190.3	182.5	173.9	165.0	155.6	145.8	136.4
60°	233.1	231.2	226.3	220.8	214.8	207.9	198.3	188.1	177.5	166.4	154.9
57.5°	236.7	237.3	236.3	235.1	233.7	227.8	219.5	210.9	199.9	187.3	174.1
55°	228.3	231.0	234.0	237.3	239.4	236.7	234.4	228.9	219.0	208.4	194.2
52.5°	223.4	225.7	228.0	230.3	233.3	236.1	238.3	235.8	233.6	224.6	212.8
50°	229.1	228.2	227.0	226.7	228.4	229.9	232.5	235.6	237.0	234.4	227.8
47.5°	243.2	238.9	234.0	231.4	228.6	226.3	228.1	230.4	234.7	238.1	234.9
45°	269.1	259.2	248.6	242.4	235.5	231.1	226.8	227.5	230.4	234.6	238.9
42.5°	319.5	295.4	276.7	262.1	248.6	240.6	233.3	228.9	227.9	231.0	234.7
40°	398.7	358.8	328.5	294.3	272.5	254.6	243.9	234.7	230.1	228.7	230.8
37.5°	508.5	453.5	403.7	351.9	312.7	279.1	259.0	245.2	235.2	229.8	228.2
35°	659.8	579.4	503.1	435.4	370.0	322.3	281.6	259.5	244.5	233.7	227.7
32.5°	886.9	762.7	631.1	541.1	452.6	377.9	322.8	280.1	254.8	240.6	231.2
30°	1217.3	1013.2	832.0	669.2	553.6	453.1	371.0	312.6	271.7	248.1	235.2
27.5°	1692.4	1330.4	1087.7	856.6	669.2	542.9	437.5	350.1	291.8	260.3	241.6
25°	2538.3	1830.5	1393.4	1089.3	837.5	637.8	509.0	403.9	324.0	273.0	247.3
22.5°	3782.4	2683.4	1837.3	1345.1	1031.7	779.6	591.4	460.0	354.4	291.9	257.5
20°	5578.0	3813.8	2574.6	1736.5	1257.6	918.7	682.7	523.2	402.0	317.4	267.5
17.5°	7214.7	5396.0	3486.4	2200.0	1539.2	1109.2	800.9	584.0	442.8	340.0	276.4
15°	8630.3	6766.0	4725.1	2969.4	1841.9	1284.5	911.3	638.5	481.4	367.0	293.2
12.5°	9635.3	7896.3	5864.2	3634.0	2195.7	1481.6	1041.6	725.9	523.1	393.8	308.5
10°	10473.4	8784.6	6799.5	4519.6	2702.5	1693.5	1157.6	799.3	558.6	414.3	320.5
7.5°	10980.2	9441.8	7517.6	5266.9	3118.2	1871.4	1253.4	854.2	587.0	429.0	329.4
5°	11367.3	9910.8	8039.7	5831.1	3460.2	2005.5	1329.5	891.0	607.7	437.9	335.1
2.5°	11654.2	10179.7	8369.1	6171.9	3674.0	2093.4	1380.3	917.1	618.0	445.9	340.0
0°	11697.0	10267.3	8389.0	6233.7	3619.8	2134.0	1400.6	933.0	617.9	449.7	342.0
-2.5°	11654.2	10179.7	8369.1	6171.9	3674.0	2093.4	1380.3	917.1	618.0	445.9	340.0
-5°	11367.3	9910.8	8039.7	5831.1	3460.2	2005.5	1329.5	891.0	607.7	437.9	335.1
-7.5°	10980.2	9441.8	7517.6	5266.9	3118.2	1871.4	1253.4	854.2	587.0	429.0	329.4
-10°	10473.4	8784.6	6799.5	4519.6	2702.5	1693.5	1157.6	799.3	558.6	414.3	320.5
-12.5°	9635.3	7896.3	5864.2	3634.0	2195.7	1481.6	1041.6	725.9	523.1	393.8	308.5
-15°	8630.3	6766.0	4725.1	2969.4	1841.9	1284.5	911.3	638.5	481.4	367.0	293.2
-17.5°	7214.7	5396.0	3486.4	2200.0	1539.2	1109.2	800.9	584.0	442.8	340.0	276.4
-20°	5578.0	3813.8	2574.6	1736.5	1257.6	918.7	682.7	523.2	402.0	317.4	267.5



REPORT NUMBER: P558788 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-930-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3782.4	2683.4	1837.3	1345.1	1031.7	779.6	591.4	460.0	354.4	291.9	257.5
-25°	2538.3	1830.5	1393.4	1089.3	837.5	637.8	509.0	403.9	324.0	273.0	247.3
-27.5°	1692.4	1330.4	1087.7	856.6	669.2	542.9	437.5	350.1	291.8	260.3	241.6
-30°	1217.3	1013.2	832.0	669.2	553.6	453.1	371.0	312.6	271.7	248.1	235.2
-32.5°	886.9	762.7	631.1	541.1	452.6	377.9	322.8	280.1	254.8	240.6	231.2
-35°	659.8	579.4	503.1	435.4	370.0	322.3	281.6	259.5	244.5	233.7	227.7
-37.5°	508.5	453.5	403.7	351.9	312.7	279.1	259.0	245.2	235.2	229.8	228.2
-40°	398.7	358.8	328.5	294.3	272.5	254.6	243.9	234.7	230.1	228.7	230.8
-42.5°	319.5	295.4	276.7	262.1	248.6	240.6	233.3	228.9	227.9	231.0	234.7
-45°	269.1	259.2	248.6	242.4	235.5	231.1	226.8	227.5	230.4	234.6	238.9
-47.5°	243.2	238.9	234.0	231.4	228.6	226.3	228.1	230.4	234.7	238.1	234.9
-50°	229.1	228.2	227.0	226.7	228.4	229.9	232.5	235.6	237.0	234.4	227.8
-52.5°	223.4	225.7	228.0	230.3	233.3	236.1	238.3	235.8	233.6	224.6	212.8
-55°	228.3	231.0	234.0	237.3	239.4	236.7	234.4	228.9	219.0	208.4	194.2
-57.5°	236.7	237.3	236.3	235.1	233.7	227.8	219.5	210.9	199.9	187.3	174.1
-60°	233.1	231.2	226.3	220.8	214.8	207.9	198.3	188.1	177.5	166.4	154.9
-62.5°	214.3	208.8	203.7	197.4	190.3	182.5	173.9	165.0	155.6	145.8	136.4
-65°	187.8	182.0	176.6	170.9	164.5	157.6	150.0	142.6	135.1	127.0	118.5
-67.5°	159.8	155.2	150.4	145.2	140.1	134.8	128.9	122.4	115.6	108.6	101.4
-70°	133.1	129.3	125.4	121.5	117.6	113.4	108.2	102.5	96.5	90.9	85.6
-72.5°	108.6	105.5	102.4	99.3	95.8	92.3	88.3	84.0	79.7	75.4	70.8
-75°	85.8	83.3	80.8	78.3	75.6	72.6	69.7	66.6	63.4	60.0	56.1
-77.5°	63.9	62.3	60.5	58.8	56.8	54.7	52.4	50.0	47.7	45.2	42.4
-80°	44.8	44.0	43.0	41.8	40.5	39.0	37.4	35.6	33.6	31.6	29.7
-82.5°	29.8	29.1	28.4	27.4	26.4	25.2	23.9	22.7	21.4	20.1	18.7
-85°	16.4	16.0	15.6	15.0	14.3	13.7	13.1	12.6	12.1	11.5	10.9
-87.5°	5.3	5.2	5.1	5.2	5.3	5.4	5.5	5.3	5.1	4.9	4.7
-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: P558788 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-930-U-MR-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°	4.5	4.3	4.1	3.8	3.6	3.3	3.1	2.8	2.6	2.3	2.0
85°	10.3	9.7	9.1	8.3	7.5	6.7	6.2	5.7	5.1	4.6	4.0
82.5°	17.5	16.6	15.7	14.7	13.5	12.3	11.0	9.7	8.4	7.0	6.0
80°	27.8	25.9	24.0	22.1	19.9	17.8	16.1	14.4	12.7	11.0	9.1
77.5°	39.3	36.2	33.0	30.3	27.5	24.7	21.9	19.3	17.1	15.0	12.7
75°	51.8	47.8	43.9	39.8	35.6	31.5	28.1	24.9	21.9	19.0	16.3
72.5°	65.8	60.7	55.3	49.7	44.7	39.7	34.8	30.3	26.7	23.2	19.8
70°	79.9	73.9	67.8	61.3	54.6	47.9	42.3	36.8	31.5	27.4	23.4
67.5°	94.1	87.5	80.5	72.9	65.4	57.7	49.9	43.5	37.6	31.5	27.0
65°	110.2	101.8	93.4	85.1	76.4	67.5	58.9	50.7	43.5	36.8	30.4
62.5°	126.6	116.8	107.2	97.3	87.7	77.9	67.9	58.9	49.7	42.1	34.6
60°	143.4	132.4	121.0	109.9	99.1	88.4	77.5	66.9	57.0	47.2	39.1
57.5°	161.2	148.2	135.5	122.7	110.5	98.7	86.9	75.2	64.1	53.2	43.5
55°	179.2	164.7	150.2	136.1	122.0	108.8	96.1	83.4	71.1	59.4	47.8
52.5°	198.3	181.4	165.1	149.4	134.1	119.0	105.3	91.2	78.1	65.4	52.9
50°	214.8	198.6	180.1	162.8	146.0	130.0	114.3	99.4	84.7	71.2	58.0
47.5°	228.3	213.0	195.4	176.0	158.0	140.7	123.9	107.5	91.1	76.8	62.8
45°	234.1	225.5	208.8	189.5	169.7	151.4	133.4	115.5	98.2	82.2	67.4
42.5°	237.4	232.0	220.2	202.2	181.8	161.8	142.5	123.6	105.2	87.4	71.8
40°	234.2	235.1	229.1	212.8	193.6	171.9	151.5	131.6	111.9	92.7	76.2
37.5°	230.4	234.4	232.0	223.2	204.6	182.4	160.2	139.1	118.4	98.4	80.4
35°	228.1	231.0	235.1	229.2	213.6	192.4	168.5	146.4	124.7	103.7	84.3
32.5°	226.0	228.3	232.8	231.8	222.0	202.0	176.9	153.3	130.6	108.7	88.1
30°	227.8	226.6	230.2	234.2	228.3	209.4	185.0	159.8	136.2	113.3	91.8
27.5°	230.4	224.9	227.9	233.1	230.3	216.1	192.4	165.8	141.4	117.7	95.5
25°	233.5	226.0	226.3	231.0	232.1	222.1	199.2	171.4	146.2	121.9	98.9
22.5°	238.4	227.8	224.8	229.0	233.8	227.6	204.7	177.0	150.7	125.7	102.1
20°	242.7	229.3	223.4	227.1	233.4	229.0	209.2	181.9	154.8	129.2	104.8
17.5°	247.2	231.7	224.2	225.8	231.9	230.3	213.3	186.3	158.4	132.2	107.3
15°	254.5	234.8	225.3	224.8	230.3	231.4	217.0	190.1	161.5	134.8	109.4
12.5°	260.7	237.4	226.1	223.9	228.9	232.3	220.1	193.2	164.1	137.0	111.3
10°	265.7	239.5	226.6	223.1	227.6	233.0	222.7	196.0	166.5	138.7	112.8
7.5°	269.5	241.0	226.9	222.5	226.5	233.7	225.2	198.9	168.5	140.0	114.0
5°	272.3	242.7	227.7	222.2	225.9	234.1	227.0	201.2	170.0	140.9	114.8
2.5°	274.7	245.0	228.9	222.1	225.5	234.3	228.2	203.0	171.1	141.3	115.3
0°	275.9	246.7	229.9	222.0	225.4	234.4	228.8	204.1	171.6	141.3	115.5
-2.5°	274.7	245.0	228.9	222.1	225.5	234.3	228.2	203.0	171.1	141.3	115.3
-5°	272.3	242.7	227.7	222.2	225.9	234.1	227.0	201.2	170.0	140.9	114.8
-7.5°	269.5	241.0	226.9	222.5	226.5	233.7	225.2	198.9	168.5	140.0	114.0
-10°	265.7	239.5	226.6	223.1	227.6	233.0	222.7	196.0	166.5	138.7	112.8
-12.5°	260.7	237.4	226.1	223.9	228.9	232.3	220.1	193.2	164.1	137.0	111.3
-15°	254.5	234.8	225.3	224.8	230.3	231.4	217.0	190.1	161.5	134.8	109.4
-17.5°	247.2	231.7	224.2	225.8	231.9	230.3	213.3	186.3	158.4	132.2	107.3
-20°	242.7	229.3	223.4	227.1	233.4	229.0	209.2	181.9	154.8	129.2	104.8



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	238.4	227.8	224.8	229.0	233.8	227.6	204.7	177.0	150.7	125.7	102.1
-25°	233.5	226.0	226.3	231.0	232.1	222.1	199.2	171.4	146.2	121.9	98.9
-27.5°	230.4	224.9	227.9	233.1	230.3	216.1	192.4	165.8	141.4	117.7	95.5
-30°	227.8	226.6	230.2	234.2	228.3	209.4	185.0	159.8	136.2	113.3	91.8
-32.5°	226.0	228.3	232.8	231.8	222.0	202.0	176.9	153.3	130.6	108.7	88.1
-35°	228.1	231.0	235.1	229.2	213.6	192.4	168.5	146.4	124.7	103.7	84.3
-37.5°	230.4	234.4	232.0	223.2	204.6	182.4	160.2	139.1	118.4	98.4	80.4
-40°	234.2	235.1	229.1	212.8	193.6	171.9	151.5	131.6	111.9	92.7	76.2
-42.5°	237.4	232.0	220.2	202.2	181.8	161.8	142.5	123.6	105.2	87.4	71.8
-45°	234.1	225.5	208.8	189.5	169.7	151.4	133.4	115.5	98.2	82.2	67.4
-47.5°	228.3	213.0	195.4	176.0	158.0	140.7	123.9	107.5	91.1	76.8	62.8
-50°	214.8	198.6	180.1	162.8	146.0	130.0	114.3	99.4	84.7	71.2	58.0
-52.5°	198.3	181.4	165.1	149.4	134.1	119.0	105.3	91.2	78.1	65.4	52.9
-55°	179.2	164.7	150.2	136.1	122.0	108.8	96.1	83.4	71.1	59.4	47.8
-57.5°	161.2	148.2	135.5	122.7	110.5	98.7	86.9	75.2	64.1	53.2	43.5
-60°	143.4	132.4	121.0	109.9	99.1	88.4	77.5	66.9	57.0	47.2	39.1
-62.5°	126.6	116.8	107.2	97.3	87.7	77.9	67.9	58.9	49.7	42.1	34.6
-65°	110.2	101.8	93.4	85.1	76.4	67.5	58.9	50.7	43.5	36.8	30.4
-67.5°	94.1	87.5	80.5	72.9	65.4	57.7	49.9	43.5	37.6	31.5	27.0
-70°	79.9	73.9	67.8	61.3	54.6	47.9	42.3	36.8	31.5	27.4	23.4
-72.5°	65.8	60.7	55.3	49.7	44.7	39.7	34.8	30.3	26.7	23.2	19.8
-75°	51.8	47.8	43.9	39.8	35.6	31.5	28.1	24.9	21.9	19.0	16.3
-77.5°	39.3	36.2	33.0	30.3	27.5	24.7	21.9	19.3	17.1	15.0	12.7
-80°	27.8	25.9	24.0	22.1	19.9	17.8	16.1	14.4	12.7	11.0	9.1
-82.5°	17.5	16.6	15.7	14.7	13.5	12.3	11.0	9.7	8.4	7.0	6.0
-85°	10.3	9.7	9.1	8.3	7.5	6.7	6.2	5.7	5.1	4.6	4.0
-87.5°	4.5	4.3	4.1	3.8	3.6	3.3	3.1	2.8	2.6	2.3	2.0
-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):**

	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°	1.7	1.4	1.2	0.9	0.6	0.3	0.0
85°	3.5	2.9	2.3	1.7	1.2	0.6	0.0
82.5°	5.2	4.3	3.5	2.6	1.7	0.9	0.0
80°	7.1	5.8	4.6	3.5	2.3	1.2	0.0
77.5°	10.2	7.6	5.8	4.3	2.9	1.4	0.0
75°	13.3	10.1	7.1	5.2	3.5	1.7	0.0
72.5°	16.4	12.6	9.0	6.0	4.0	2.0	0.0
70°	19.4	15.1	10.9	7.0	4.6	2.3	0.0
67.5°	22.4	17.5	12.8	8.4	5.1	2.6	0.0
65°	25.4	20.0	14.7	9.7	5.7	2.8	0.0
62.5°	28.4	22.5	16.5	11.1	6.2	3.1	0.0
60°	31.3	25.0	18.3	12.4	6.7	3.3	0.0
57.5°	35.0	27.5	20.3	13.6	7.5	3.6	0.0
55°	38.7	29.9	22.3	14.8	8.4	3.8	0.0
52.5°	42.2	32.4	24.2	16.0	9.2	4.1	0.0
50°	45.7	35.3	26.1	17.1	10.0	4.3	0.0
47.5°	49.2	38.1	27.9	18.3	10.7	4.5	0.0
45°	53.1	40.8	29.7	19.7	11.5	4.7	0.0
42.5°	56.8	43.4	31.5	21.0	12.2	4.9	0.0
40°	60.3	45.9	33.3	22.2	12.9	5.1	0.0
37.5°	63.7	48.2	35.2	23.4	13.5	5.3	0.0
35°	66.7	50.7	37.0	24.6	14.2	5.5	0.0
32.5°	69.7	53.1	38.6	25.6	14.8	5.7	0.0
30°	72.7	55.4	40.2	26.6	15.3	5.8	0.0
27.5°	75.5	57.5	41.6	27.4	15.9	5.9	0.0
25°	78.0	59.3	42.8	28.2	16.4	6.1	0.0
22.5°	80.4	61.0	43.9	28.9	16.8	6.2	0.0
20°	82.5	62.4	44.9	29.5	17.2	6.3	0.0
17.5°	84.4	63.7	45.7	30.0	17.6	6.4	0.0
15°	86.1	64.7	46.5	30.5	18.0	6.5	0.0
12.5°	87.5	65.6	47.1	30.8	18.3	6.5	0.0
10°	88.7	66.3	47.6	31.1	18.5	6.6	0.0
7.5°	89.6	66.8	47.9	31.3	18.7	6.6	0.0
5°	90.3	67.2	48.1	31.4	18.9	6.7	0.0
2.5°	90.7	67.3	48.2	31.4	19.0	6.7	0.0
0°	90.8	67.3	48.2	31.4	19.1	6.7	0.0
-2.5°	90.7	67.3	48.2	31.4	19.0	6.7	0.0
-5°	90.3	67.2	48.1	31.4	18.9	6.7	0.0
-7.5°	89.6	66.8	47.9	31.3	18.7	6.6	0.0
-10°	88.7	66.3	47.6	31.1	18.5	6.6	0.0
-12.5°	87.5	65.6	47.1	30.8	18.3	6.5	0.0
-15°	86.1	64.7	46.5	30.5	18.0	6.5	0.0
-17.5°	84.4	63.7	45.7	30.0	17.6	6.4	0.0
-20°	82.5	62.4	44.9	29.5	17.2	6.3	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	80.4	61.0	43.9	28.9	16.8	6.2	0.0
-25°	78.0	59.3	42.8	28.2	16.4	6.1	0.0
-27.5°	75.5	57.5	41.6	27.4	15.9	5.9	0.0
-30°	72.7	55.4	40.2	26.6	15.3	5.8	0.0
-32.5°	69.7	53.1	38.6	25.6	14.8	5.7	0.0
-35°	66.7	50.7	37.0	24.6	14.2	5.5	0.0
-37.5°	63.7	48.2	35.2	23.4	13.5	5.3	0.0
-40°	60.3	45.9	33.3	22.2	12.9	5.1	0.0
-42.5°	56.8	43.4	31.5	21.0	12.2	4.9	0.0
-45°	53.1	40.8	29.7	19.7	11.5	4.7	0.0
-47.5°	49.2	38.1	27.9	18.3	10.7	4.5	0.0
-50°	45.7	35.3	26.1	17.1	10.0	4.3	0.0
-52.5°	42.2	32.4	24.2	16.0	9.2	4.1	0.0
-55°	38.7	29.9	22.3	14.8	8.4	3.8	0.0
-57.5°	35.0	27.5	20.3	13.6	7.5	3.6	0.0
-60°	31.3	25.0	18.3	12.4	6.7	3.3	0.0
-62.5°	28.4	22.5	16.5	11.1	6.2	3.1	0.0
-65°	25.4	20.0	14.7	9.7	5.7	2.8	0.0
-67.5°	22.4	17.5	12.8	8.4	5.1	2.6	0.0
-70°	19.4	15.1	10.9	7.0	4.6	2.3	0.0
-72.5°	16.4	12.6	9.0	6.0	4.0	2.0	0.0
-75°	13.3	10.1	7.1	5.2	3.5	1.7	0.0
-77.5°	10.2	7.6	5.8	4.3	2.9	1.4	0.0
-80°	7.1	5.8	4.6	3.5	2.3	1.2	0.0
-82.5°	5.2	4.3	3.5	2.6	1.7	0.9	0.0
-85°	3.5	2.9	2.3	1.7	1.2	0.6	0.0
-87.5°	1.7	1.4	1.2	0.9	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)