

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: P559028 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-940-U-MR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559028 (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-SA5B-940-U-MR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4  
Light Source: (80) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

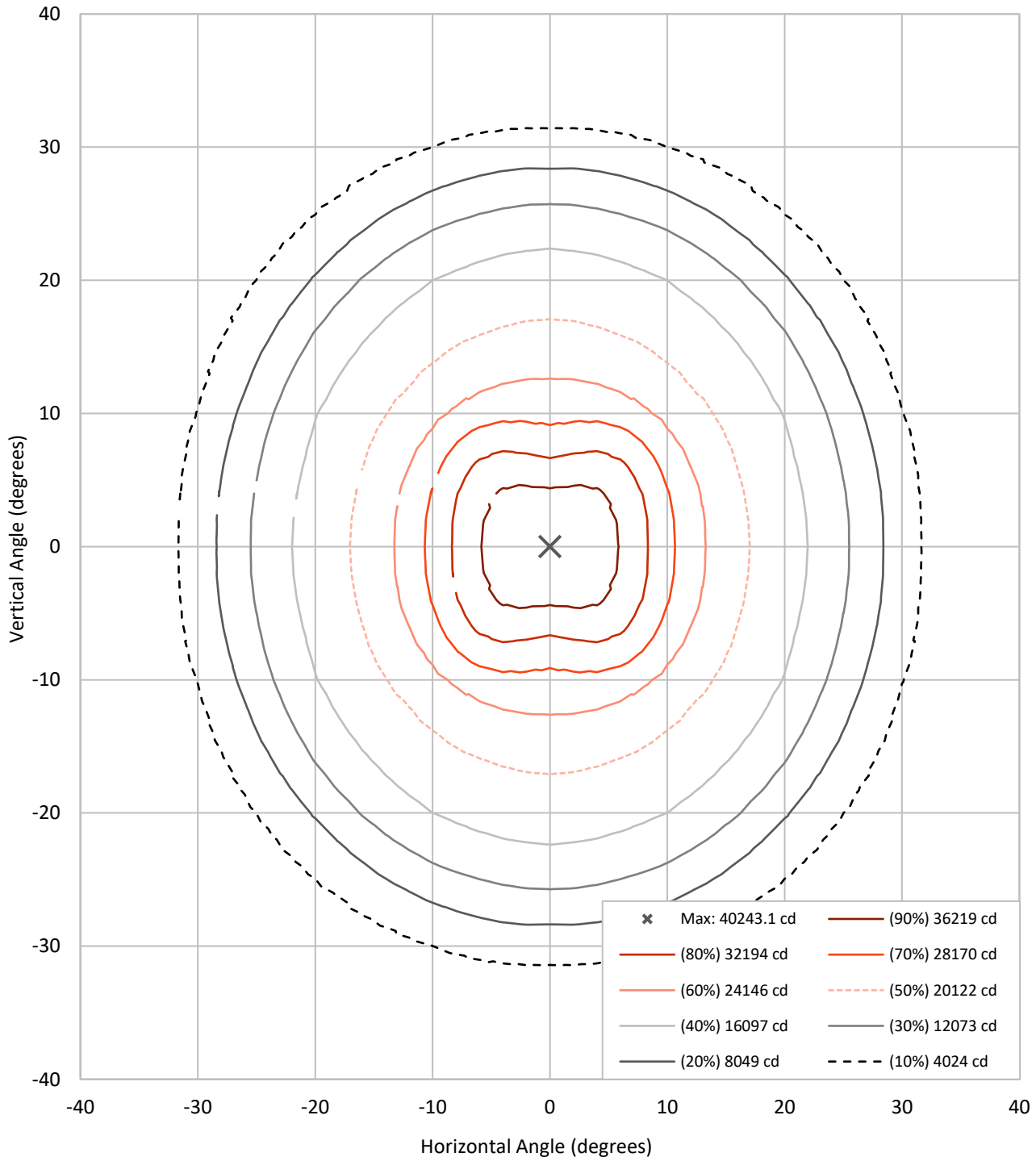
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	17802.4 lumens	Max Intensity:	40243.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	115.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	7582.7 lumens	Field Lumens:	15497.5 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 154  
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





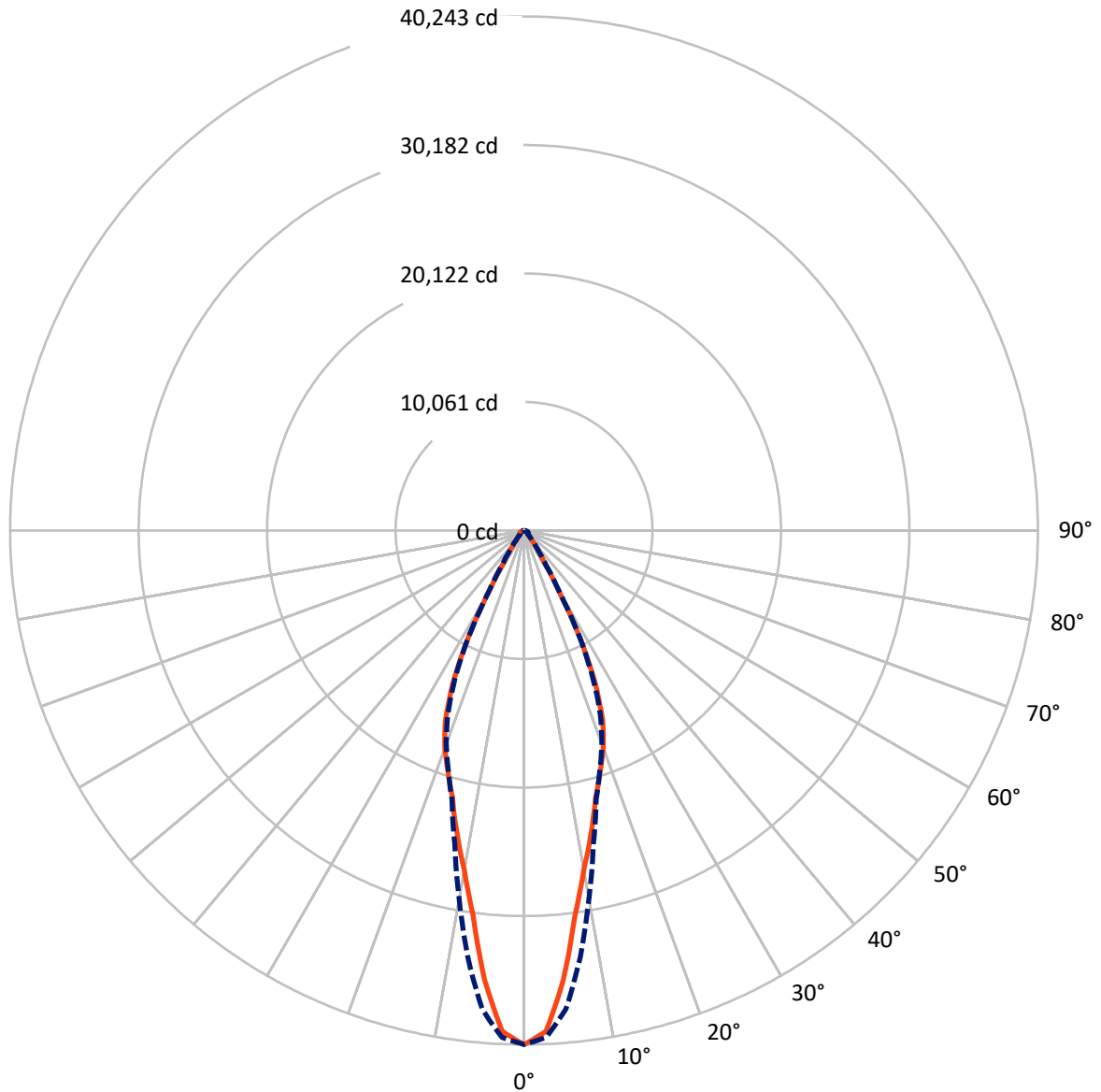
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### Lumen Table

90																			
80	0.2	2.0		5.5		9.1		10.6		9.1		5.5		2.0		0.2			
70																			
60	0.9	1.0	2.3	3.9	5.7	7.4	8.7	9.4	9.4	8.7	7.4	5.7	3.9	2.3	1.0	0.9			
50		1.7	3.7	6.3	8.6	9.7	10.3	10.5	10.5	10.3	9.7	8.6	6.3	3.7	1.7				
40	1.7	2.3	5.0	7.6	8.9	11.0	14.1	16.2	16.2	14.1	11.0	8.9	7.6	5.0	2.3	1.7			
30		2.9	5.9	7.6	11.5	22.7	43.1	65.9	65.9	43.1	22.7	11.5	7.6	5.9	2.9				
20	2.3	3.4	6.1	8.5	20.9	69.2	217.8	358.6	358.6	217.8	69.2	20.9	8.5	6.1	3.4	2.3			
10		3.7	6.1	10.5	38.9	205.3	485.2	642.6	642.6	485.2	205.3	38.9	10.5	6.1	3.7				
0	2.5	3.9	6.1	12.1	59.1	323.4	631.0	995.7	995.7	631.0	323.4	59.1	12.1	6.1	3.9	2.5			
-10		3.9	6.1	12.1	59.1	323.4	631.0	995.7	995.7	631.0	323.4	59.1	12.1	6.1	3.9				
-20	2.3	3.7	6.1	10.5	38.9	205.3	485.2	642.6	642.6	485.2	205.3	38.9	10.5	6.1	3.7	2.3			
-30		3.4	6.1	8.5	20.9	69.2	217.8	358.6	358.6	217.8	69.2	20.9	8.5	6.1	3.4				
-40	1.7	2.9	5.9	7.6	11.5	22.7	43.1	65.9	65.9	43.1	22.7	11.5	7.6	5.9	2.9	1.7			
-50		2.3	5.0	7.6	8.9	11.0	14.1	16.2	16.2	14.1	11.0	8.9	7.6	5.0	2.3				
-60	0.9	1.7	3.7	6.3	8.6	9.7	10.3	10.5	10.5	10.3	9.7	8.6	6.3	3.7	1.7	0.9			
-70		1.0	2.3	3.9	5.7	7.4	8.7	9.4	9.4	8.7	7.4	5.7	3.9	2.3	1.0				
-80																			
-90	0.2	2.0		5.5		9.1		10.6		9.1		5.5		2.0		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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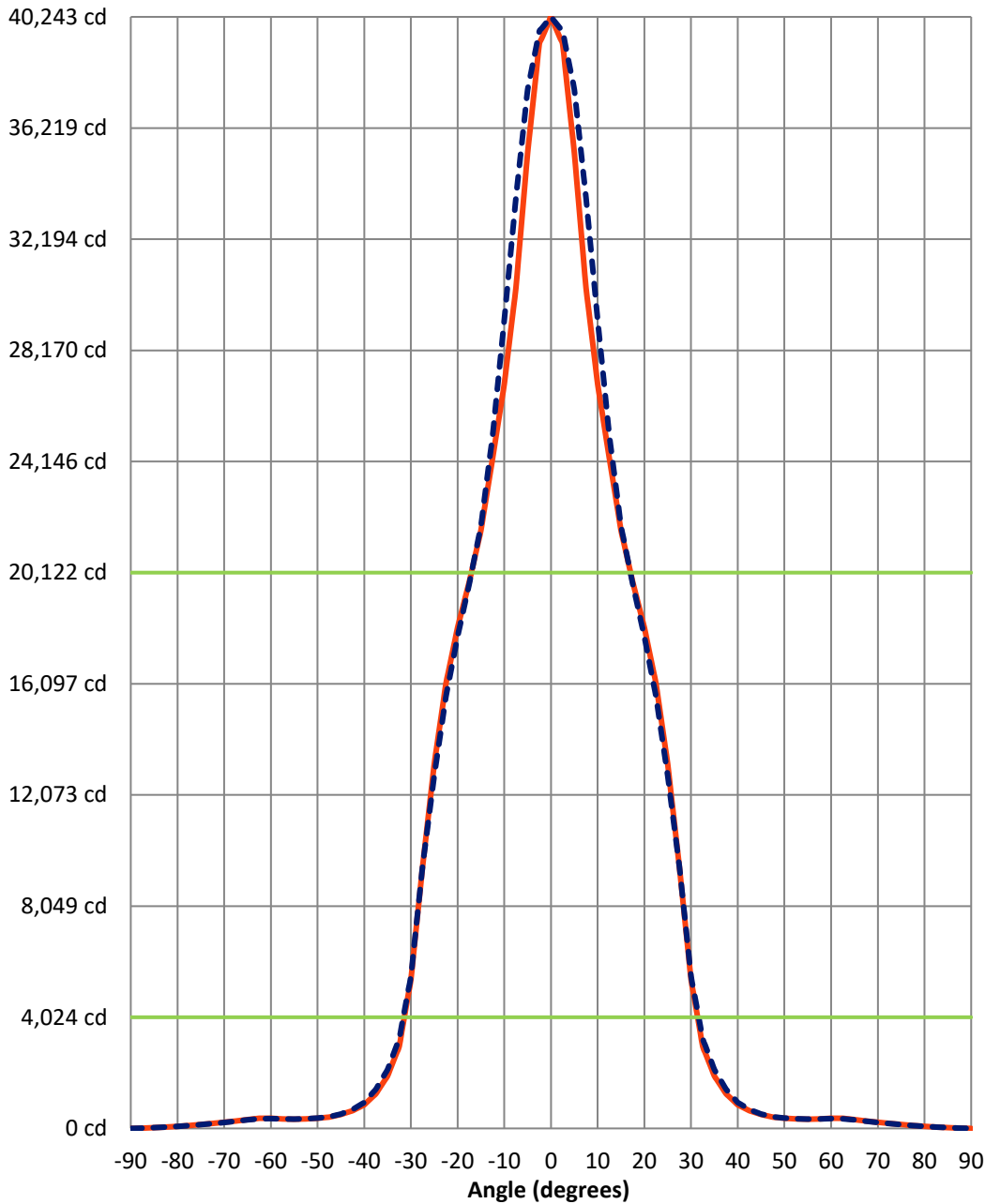
### Luminous Intensity Polar Plot



— 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: 7582.7  
 Efficiency: 42.6%

**Field:**  
 H Angle: 63.3°  
 V Angle: 62.8°  
 Lumens: 15497.5  
 Efficiency: 87.1%

**Spill:**  
 Lumens: 2304.9  
 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	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.5	3.9	4.3
85°	0.0	0.9	1.8	2.7	3.5	4.4	5.3	6.1	7.0	7.8	8.6
82.5°	0.0	1.3	2.7	4.0	5.3	6.6	7.9	9.2	10.6	12.7	14.7
80°	0.0	1.8	3.5	5.3	7.0	8.8	10.8	13.8	16.7	19.4	21.9
77.5°	0.0	2.2	4.4	6.6	8.8	11.6	15.5	19.3	22.8	26.1	29.4
75°	0.0	2.6	5.3	7.9	10.7	15.4	20.2	24.7	28.9	33.3	37.9
72.5°	0.0	3.1	6.1	9.2	13.7	19.2	24.9	30.1	35.3	40.7	46.2
70°	0.0	3.5	7.0	10.6	16.7	22.9	29.5	35.6	41.7	48.0	56.1
67.5°	0.0	3.9	7.8	12.7	19.5	26.6	34.1	41.0	48.0	57.2	66.3
65°	0.0	4.3	8.6	14.8	22.4	30.4	38.6	46.3	56.1	66.3	77.1
62.5°	0.0	4.7	9.4	16.8	25.1	34.3	43.2	52.7	64.0	75.7	89.6
60°	0.0	5.1	10.2	18.8	27.8	38.1	47.6	59.5	71.8	86.8	101.9
57.5°	0.0	5.5	11.5	20.7	30.9	41.9	53.2	66.2	81.0	97.6	114.5
55°	0.0	5.8	12.7	22.6	33.9	45.6	58.9	72.8	90.4	108.2	126.9
52.5°	0.0	6.2	14.0	24.4	36.9	49.4	64.3	80.6	99.5	118.9	138.8
50°	0.0	6.6	15.2	26.1	39.8	53.8	69.6	88.3	108.4	129.0	151.4
47.5°	0.0	6.9	16.3	27.9	42.6	58.1	74.9	95.6	117.0	138.8	163.7
45°	0.0	7.2	17.5	30.0	45.3	62.2	80.9	102.6	125.2	149.6	175.8
42.5°	0.0	7.5	18.6	31.9	47.9	66.1	86.5	109.4	133.1	160.2	188.2
40°	0.0	7.8	19.6	33.9	50.7	69.9	91.9	116.0	141.2	170.4	200.3
37.5°	0.0	8.1	20.6	35.7	53.6	73.5	96.9	122.4	149.8	180.2	211.8
35°	0.0	8.4	21.6	37.4	56.3	77.2	101.6	128.4	157.9	189.8	222.8
32.5°	0.0	8.6	22.5	39.0	58.9	80.9	106.1	134.2	165.5	198.9	233.4
30°	0.0	8.8	23.3	40.5	61.3	84.3	110.7	139.7	172.5	207.4	243.3
27.5°	0.0	9.0	24.1	41.8	63.3	87.5	114.9	145.5	179.2	215.2	252.5
25°	0.0	9.2	24.9	43.0	65.2	90.3	118.8	150.7	185.6	222.7	260.9
22.5°	0.0	9.4	25.6	44.0	66.8	92.9	122.4	155.4	191.4	229.5	269.4
20°	0.0	9.6	26.2	44.9	68.3	95.0	125.7	159.6	196.6	235.7	277.0
17.5°	0.0	9.7	26.8	45.7	69.6	96.9	128.6	163.3	201.2	241.2	283.7
15°	0.0	9.9	27.3	46.4	70.8	98.5	131.1	166.6	205.2	245.9	289.4
12.5°	0.0	10.0	27.8	46.9	71.7	99.8	133.2	169.4	208.6	249.9	294.2
10°	0.0	10.0	28.1	47.3	72.4	100.9	135.0	171.7	211.2	253.6	298.5
7.5°	0.0	10.1	28.5	47.6	73.0	101.7	136.5	173.5	213.2	256.6	302.8
5°	0.0	10.2	28.7	47.8	73.3	102.2	137.5	174.8	214.5	258.9	306.4
2.5°	0.0	10.2	28.9	47.9	73.5	102.4	138.1	175.5	215.1	260.4	309.0
0°	0.0	10.2	29.0	47.8	73.4	102.4	138.3	175.8	215.1	261.2	310.7
-2.5°	0.0	10.2	28.9	47.9	73.5	102.4	138.1	175.5	215.1	260.4	309.0
-5°	0.0	10.2	28.7	47.8	73.3	102.2	137.5	174.8	214.5	258.9	306.4
-7.5°	0.0	10.1	28.5	47.6	73.0	101.7	136.5	173.5	213.2	256.6	302.8
-10°	0.0	10.0	28.1	47.3	72.4	100.9	135.0	171.7	211.2	253.6	298.5
-12.5°	0.0	10.0	27.8	46.9	71.7	99.8	133.2	169.4	208.6	249.9	294.2
-15°	0.0	9.9	27.3	46.4	70.8	98.5	131.1	166.6	205.2	245.9	289.4
-17.5°	0.0	9.7	26.8	45.7	69.6	96.9	128.6	163.3	201.2	241.2	283.7
-20°	0.0	9.6	26.2	44.9	68.3	95.0	125.7	159.6	196.6	235.7	277.0



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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	9.4	25.6	44.0	66.8	92.9	122.4	155.4	191.4	229.5	269.4
-25°	0.0	9.2	24.9	43.0	65.2	90.3	118.8	150.7	185.6	222.7	260.9
-27.5°	0.0	9.0	24.1	41.8	63.3	87.5	114.9	145.5	179.2	215.2	252.5
-30°	0.0	8.8	23.3	40.5	61.3	84.3	110.7	139.7	172.5	207.4	243.3
-32.5°	0.0	8.6	22.5	39.0	58.9	80.9	106.1	134.2	165.5	198.9	233.4
-35°	0.0	8.4	21.6	37.4	56.3	77.2	101.6	128.4	157.9	189.8	222.8
-37.5°	0.0	8.1	20.6	35.7	53.6	73.5	96.9	122.4	149.8	180.2	211.8
-40°	0.0	7.8	19.6	33.9	50.7	69.9	91.9	116.0	141.2	170.4	200.3
-42.5°	0.0	7.5	18.6	31.9	47.9	66.1	86.5	109.4	133.1	160.2	188.2
-45°	0.0	7.2	17.5	30.0	45.3	62.2	80.9	102.6	125.2	149.6	175.8
-47.5°	0.0	6.9	16.3	27.9	42.6	58.1	74.9	95.6	117.0	138.8	163.7
-50°	0.0	6.6	15.2	26.1	39.8	53.8	69.6	88.3	108.4	129.0	151.4
-52.5°	0.0	6.2	14.0	24.4	36.9	49.4	64.3	80.6	99.5	118.9	138.8
-55°	0.0	5.8	12.7	22.6	33.9	45.6	58.9	72.8	90.4	108.2	126.9
-57.5°	0.0	5.5	11.5	20.7	30.9	41.9	53.2	66.2	81.0	97.6	114.5
-60°	0.0	5.1	10.2	18.8	27.8	38.1	47.6	59.5	71.8	86.8	101.9
-62.5°	0.0	4.7	9.4	16.8	25.1	34.3	43.2	52.7	64.0	75.7	89.6
-65°	0.0	4.3	8.6	14.8	22.4	30.4	38.6	46.3	56.1	66.3	77.1
-67.5°	0.0	3.9	7.8	12.7	19.5	26.6	34.1	41.0	48.0	57.2	66.3
-70°	0.0	3.5	7.0	10.6	16.7	22.9	29.5	35.6	41.7	48.0	56.1
-72.5°	0.0	3.1	6.1	9.2	13.7	19.2	24.9	30.1	35.3	40.7	46.2
-75°	0.0	2.6	5.3	7.9	10.7	15.4	20.2	24.7	28.9	33.3	37.9
-77.5°	0.0	2.2	4.4	6.6	8.8	11.6	15.5	19.3	22.8	26.1	29.4
-80°	0.0	1.8	3.5	5.3	7.0	8.8	10.8	13.8	16.7	19.4	21.9
-82.5°	0.0	1.3	2.7	4.0	5.3	6.6	7.9	9.2	10.6	12.7	14.7
-85°	0.0	0.9	1.8	2.7	3.5	4.4	5.3	6.1	7.0	7.8	8.6
-87.5°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.5	3.9	4.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**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°	4.7	5.1	5.5	5.8	6.2	6.6	6.9	7.2	7.5	7.8	8.1
85°	9.4	10.2	11.5	12.7	13.8	14.8	15.7	16.6	17.5	18.4	19.2
82.5°	16.7	18.7	20.6	22.5	24.0	25.3	26.6	28.5	30.6	32.7	34.6
80°	24.6	27.2	30.4	33.6	36.6	39.5	42.4	45.2	48.1	51.1	54.2
77.5°	33.4	37.6	41.8	46.1	50.3	55.1	59.8	64.6	68.8	72.6	76.1
75°	42.8	48.0	54.2	60.6	66.8	72.7	78.8	85.4	91.2	96.5	101.4
72.5°	53.0	60.5	68.0	75.6	84.1	92.3	100.2	107.9	114.8	121.4	127.9
70°	64.3	73.0	83.0	93.3	103.1	112.5	121.6	130.3	138.4	146.9	156.1
67.5°	75.9	87.8	99.4	111.0	122.5	133.2	143.2	154.3	165.3	176.0	186.4
65°	89.7	102.8	116.3	129.5	142.1	155.0	167.8	180.5	193.4	205.6	217.0
62.5°	103.3	118.6	133.5	148.2	163.1	177.7	192.7	207.6	221.9	236.8	251.1
60°	117.9	134.5	150.9	167.3	184.0	201.5	218.3	235.7	253.2	270.1	286.3
57.5°	132.3	150.3	168.1	186.8	206.3	225.6	245.4	265.0	285.0	304.2	321.0
55°	146.3	165.6	185.7	207.1	228.6	250.7	272.8	295.6	317.2	333.4	348.6
52.5°	160.3	181.1	204.2	227.5	251.3	276.1	301.9	323.9	341.9	355.7	359.0
50°	174.0	198.0	222.3	247.9	274.3	302.3	326.9	346.8	356.9	360.8	358.7
47.5°	188.6	214.3	240.5	268.0	297.5	324.3	347.6	357.7	362.5	357.2	350.7
45°	203.0	230.5	258.3	288.5	317.9	343.3	356.4	363.6	357.1	350.8	346.3
42.5°	216.9	246.4	276.7	307.8	335.2	353.2	361.4	357.3	351.7	346.9	348.5
40°	230.7	261.6	294.8	324.1	348.8	357.9	356.5	351.4	348.2	350.3	357.3
37.5°	243.9	277.6	311.5	339.8	353.1	356.8	350.7	347.4	349.9	358.0	373.3
35°	256.5	292.9	325.2	348.9	357.9	351.6	347.2	346.6	355.8	372.2	395.1
32.5°	269.2	307.5	338.0	352.9	354.4	347.4	344.1	351.9	366.3	388.0	426.4
30°	281.6	318.7	347.5	356.6	350.3	344.9	346.8	358.2	377.7	413.6	475.8
27.5°	292.9	328.9	350.6	354.9	346.8	342.3	350.8	367.8	396.3	444.2	533.0
25°	303.2	338.1	353.3	351.6	344.5	344.0	355.6	376.5	415.7	493.3	614.9
22.5°	311.6	346.6	355.8	348.6	342.2	346.8	362.9	392.0	444.5	539.5	700.3
20°	318.5	348.7	355.3	345.7	339.9	349.0	369.4	407.2	483.2	611.9	796.5
17.5°	324.8	350.5	352.9	343.8	341.3	352.6	376.2	420.7	517.5	674.2	888.9
15°	330.3	352.2	350.6	342.1	342.9	357.4	387.3	446.3	558.8	732.8	971.9
12.5°	335.1	353.6	348.5	340.8	344.2	361.4	396.7	469.6	599.5	796.4	1105.0
10°	339.1	354.7	346.5	339.6	345.0	364.6	404.4	487.9	630.8	850.3	1216.7
7.5°	342.8	355.7	344.8	338.7	345.5	366.9	410.3	501.4	653.1	893.6	1300.3
5°	345.5	356.3	343.9	338.3	346.7	369.5	414.6	510.1	666.7	925.2	1356.3
2.5°	347.3	356.7	343.3	338.1	348.4	372.9	418.2	517.6	678.8	940.8	1396.0
0°	348.2	356.8	343.1	338.0	349.9	375.5	419.9	520.6	684.5	940.6	1420.2
-2.5°	347.3	356.7	343.3	338.1	348.4	372.9	418.2	517.6	678.8	940.8	1396.0
-5°	345.5	356.3	343.9	338.3	346.7	369.5	414.6	510.1	666.7	925.2	1356.3
-7.5°	342.8	355.7	344.8	338.7	345.5	366.9	410.3	501.4	653.1	893.6	1300.3
-10°	339.1	354.7	346.5	339.6	345.0	364.6	404.4	487.9	630.8	850.3	1216.7
-12.5°	335.1	353.6	348.5	340.8	344.2	361.4	396.7	469.6	599.5	796.4	1105.0
-15°	330.3	352.2	350.6	342.1	342.9	357.4	387.3	446.3	558.8	732.8	971.9
-17.5°	324.8	350.5	352.9	343.8	341.3	352.6	376.2	420.7	517.5	674.2	888.9
-20°	318.5	348.7	355.3	345.7	339.9	349.0	369.4	407.2	483.2	611.9	796.5



REPORT NUMBER: P559028 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	311.6	346.6	355.8	348.6	342.2	346.8	362.9	392.0	444.5	539.5	700.3
-25°	303.2	338.1	353.3	351.6	344.5	344.0	355.6	376.5	415.7	493.3	614.9
-27.5°	292.9	328.9	350.6	354.9	346.8	342.3	350.8	367.8	396.3	444.2	533.0
-30°	281.6	318.7	347.5	356.6	350.3	344.9	346.8	358.2	377.7	413.6	475.8
-32.5°	269.2	307.5	338.0	352.9	354.4	347.4	344.1	351.9	366.3	388.0	426.4
-35°	256.5	292.9	325.2	348.9	357.9	351.6	347.2	346.6	355.8	372.2	395.1
-37.5°	243.9	277.6	311.5	339.8	353.1	356.8	350.7	347.4	349.9	358.0	373.3
-40°	230.7	261.6	294.8	324.1	348.8	357.9	356.5	351.4	348.2	350.3	357.3
-42.5°	216.9	246.4	276.7	307.8	335.2	353.2	361.4	357.3	351.7	346.9	348.5
-45°	203.0	230.5	258.3	288.5	317.9	343.3	356.4	363.6	357.1	350.8	346.3
-47.5°	188.6	214.3	240.5	268.0	297.5	324.3	347.6	357.7	362.5	357.2	350.7
-50°	174.0	198.0	222.3	247.9	274.3	302.3	326.9	346.8	356.9	360.8	358.7
-52.5°	160.3	181.1	204.2	227.5	251.3	276.1	301.9	323.9	341.9	355.7	359.0
-55°	146.3	165.6	185.7	207.1	228.6	250.7	272.8	295.6	317.2	333.4	348.6
-57.5°	132.3	150.3	168.1	186.8	206.3	225.6	245.4	265.0	285.0	304.2	321.0
-60°	117.9	134.5	150.9	167.3	184.0	201.5	218.3	235.7	253.2	270.1	286.3
-62.5°	103.3	118.6	133.5	148.2	163.1	177.7	192.7	207.6	221.9	236.8	251.1
-65°	89.7	102.8	116.3	129.5	142.1	155.0	167.8	180.5	193.4	205.6	217.0
-67.5°	75.9	87.8	99.4	111.0	122.5	133.2	143.2	154.3	165.3	176.0	186.4
-70°	64.3	73.0	83.0	93.3	103.1	112.5	121.6	130.3	138.4	146.9	156.1
-72.5°	53.0	60.5	68.0	75.6	84.1	92.3	100.2	107.9	114.8	121.4	127.9
-75°	42.8	48.0	54.2	60.6	66.8	72.7	78.8	85.4	91.2	96.5	101.4
-77.5°	33.4	37.6	41.8	46.1	50.3	55.1	59.8	64.6	68.8	72.6	76.1
-80°	24.6	27.2	30.4	33.6	36.6	39.5	42.4	45.2	48.1	51.1	54.2
-82.5°	16.7	18.7	20.6	22.5	24.0	25.3	26.6	28.5	30.6	32.7	34.6
-85°	9.4	10.2	11.5	12.7	13.8	14.8	15.7	16.6	17.5	18.4	19.2
-87.5°	4.7	5.1	5.5	5.8	6.2	6.6	6.9	7.2	7.5	7.8	8.1
-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: P559028 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	8.4	8.2	8.1	7.9	7.7	7.9	8.0	8.1	8.2	8.7	9.2
85°	20.0	20.9	21.9	22.8	23.8	24.4	25.0	25.6	26.0	26.4	26.8
82.5°	36.5	38.4	40.2	41.8	43.2	44.4	45.5	46.4	47.2	47.9	48.5
80°	56.9	59.4	61.7	63.7	65.5	67.0	68.3	69.3	70.1	71.8	73.5
77.5°	79.7	83.2	86.5	89.5	92.2	94.9	97.3	99.6	101.6	103.2	104.2
75°	106.0	110.5	115.0	119.2	122.9	126.8	130.6	134.1	137.2	139.3	140.8
72.5°	134.4	140.5	145.9	151.2	155.9	160.6	165.3	169.6	173.3	176.2	178.5
70°	164.8	172.6	179.0	184.9	190.8	196.8	202.5	207.6	212.0	215.5	218.4
67.5°	196.2	205.2	213.2	221.0	228.8	236.2	243.2	249.7	255.7	260.3	263.3
65°	228.3	239.9	250.4	260.1	268.8	277.1	285.8	293.9	301.2	307.2	311.8
62.5°	264.6	277.7	289.7	300.5	310.2	317.9	326.2	333.8	340.7	347.0	353.3
60°	301.8	316.4	327.0	336.1	344.4	351.8	354.7	357.6	359.8	361.9	364.4
57.5°	334.2	346.8	355.8	357.9	359.7	361.3	360.3	357.4	354.3	351.3	348.9
55°	356.8	360.4	364.4	361.2	356.2	351.6	347.5	344.6	342.0	339.6	337.5
52.5°	362.8	359.4	355.1	350.5	347.1	343.5	339.9	340.6	341.7	342.5	342.9
50°	354.0	349.9	347.7	345.1	345.5	347.3	348.7	352.1	356.3	359.3	361.8
47.5°	347.2	344.5	347.9	352.3	356.3	363.6	370.1	376.5	386.4	394.3	400.5
45°	345.3	351.8	358.5	369.1	378.4	394.5	409.7	422.3	445.9	467.5	484.5
42.5°	355.1	366.2	378.4	399.0	421.2	449.7	486.4	517.4	553.7	587.5	612.0
40°	371.2	387.6	414.9	448.1	500.0	546.3	607.0	659.0	707.8	759.5	798.4
37.5°	394.3	424.9	476.0	535.7	614.5	690.3	774.0	855.3	924.5	1029.4	1111.4
35°	428.8	490.7	563.2	662.8	765.8	882.0	1004.4	1162.1	1300.9	1463.8	1617.0
32.5°	491.4	575.2	689.0	823.7	960.7	1161.1	1350.1	1606.3	1836.6	2123.9	2432.9
30°	564.8	689.8	842.7	1018.7	1266.6	1542.3	1853.0	2246.1	2713.0	3269.1	4015.2
27.5°	665.9	826.4	1018.7	1304.0	1655.7	2025.1	2576.3	3236.9	4440.7	5489.8	6880.2
25°	774.7	970.8	1275.0	1658.2	2121.1	2786.4	3863.9	5238.5	7185.4	9047.1	10535.5
22.5°	900.3	1186.7	1570.6	2047.6	2796.8	4084.8	5757.8	8178.5	10349.5	12227.3	13673.3
20°	1039.2	1398.5	1914.4	2643.4	3919.2	5805.7	8491.2	10975.6	13193.1	14809.5	16087.2
17.5°	1219.1	1688.5	2343.1	3349.0	5307.2	8214.1	10982.7	13438.3	15367.7	16787.8	17920.5
15°	1387.2	1955.4	2803.8	4520.1	7192.8	10299.7	13137.6	15328.1	16997.7	18319.3	19337.7
12.5°	1585.5	2255.3	3342.3	5531.8	8926.7	12020.3	14667.6	16713.0	18320.8	19559.6	20924.5
10°	1762.2	2577.9	4114.0	6880.1	10350.6	13372.6	15943.3	17781.5	19393.8	21008.1	23054.7
7.5°	1908.0	2848.7	4746.8	8017.6	11443.8	14372.9	16714.8	18551.5	20328.5	22484.5	25436.4
5°	2023.8	3052.9	5267.4	8876.4	12238.5	15086.8	17304.1	19165.9	21172.9	24057.0	28018.4
2.5°	2101.3	3186.7	5592.8	9395.3	12739.9	15496.2	17740.8	19567.6	21671.9	24937.4	29076.1
0°	2132.1	3248.5	5510.3	9489.3	12770.2	15629.5	17806.0	19717.8	21814.1	25084.7	29270.3
-2.5°	2101.3	3186.7	5592.8	9395.3	12739.9	15496.2	17740.8	19567.6	21671.9	24937.4	29076.1
-5°	2023.8	3052.9	5267.4	8876.4	12238.5	15086.8	17304.1	19165.9	21172.9	24057.0	28018.4
-7.5°	1908.0	2848.7	4746.8	8017.6	11443.8	14372.9	16714.8	18551.5	20328.5	22484.5	25436.4
-10°	1762.2	2577.9	4114.0	6880.1	10350.6	13372.6	15943.3	17781.5	19393.8	21008.1	23054.7
-12.5°	1585.5	2255.3	3342.3	5531.8	8926.7	12020.3	14667.6	16713.0	18320.8	19559.6	20924.5
-15°	1387.2	1955.4	2803.8	4520.1	7192.8	10299.7	13137.6	15328.1	16997.7	18319.3	19337.7
-17.5°	1219.1	1688.5	2343.1	3349.0	5307.2	8214.1	10982.7	13438.3	15367.7	16787.8	17920.5
-20°	1039.2	1398.5	1914.4	2643.4	3919.2	5805.7	8491.2	10975.6	13193.1	14809.5	16087.2



REPORT NUMBER: P559028 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	900.3	1186.7	1570.6	2047.6	2796.8	4084.8	5757.8	8178.5	10349.5	12227.3	13673.3
-25°	774.7	970.8	1275.0	1658.2	2121.1	2786.4	3863.9	5238.5	7185.4	9047.1	10535.5
-27.5°	665.9	826.4	1018.7	1304.0	1655.7	2025.1	2576.3	3236.9	4440.7	5489.8	6880.2
-30°	564.8	689.8	842.7	1018.7	1266.6	1542.3	1853.0	2246.1	2713.0	3269.1	4015.2
-32.5°	491.4	575.2	689.0	823.7	960.7	1161.1	1350.1	1606.3	1836.6	2123.9	2432.9
-35°	428.8	490.7	563.2	662.8	765.8	882.0	1004.4	1162.1	1300.9	1463.8	1617.0
-37.5°	394.3	424.9	476.0	535.7	614.5	690.3	774.0	855.3	924.5	1029.4	1111.4
-40°	371.2	387.6	414.9	448.1	500.0	546.3	607.0	659.0	707.8	759.5	798.4
-42.5°	355.1	366.2	378.4	399.0	421.2	449.7	486.4	517.4	553.7	587.5	612.0
-45°	345.3	351.8	358.5	369.1	378.4	394.5	409.7	422.3	445.9	467.5	484.5
-47.5°	347.2	344.5	347.9	352.3	356.3	363.6	370.1	376.5	386.4	394.3	400.5
-50°	354.0	349.9	347.7	345.1	345.5	347.3	348.7	352.1	356.3	359.3	361.8
-52.5°	362.8	359.4	355.1	350.5	347.1	343.5	339.9	340.6	341.7	342.5	342.9
-55°	356.8	360.4	364.4	361.2	356.2	351.6	347.5	344.6	342.0	339.6	337.5
-57.5°	334.2	346.8	355.8	357.9	359.7	361.3	360.3	357.4	354.3	351.3	348.9
-60°	301.8	316.4	327.0	336.1	344.4	351.8	354.7	357.6	359.8	361.9	364.4
-62.5°	264.6	277.7	289.7	300.5	310.2	317.9	326.2	333.8	340.7	347.0	353.3
-65°	228.3	239.9	250.4	260.1	268.8	277.1	285.8	293.9	301.2	307.2	311.8
-67.5°	196.2	205.2	213.2	221.0	228.8	236.2	243.2	249.7	255.7	260.3	263.3
-70°	164.8	172.6	179.0	184.9	190.8	196.8	202.5	207.6	212.0	215.5	218.4
-72.5°	134.4	140.5	145.9	151.2	155.9	160.6	165.3	169.6	173.3	176.2	178.5
-75°	106.0	110.5	115.0	119.2	122.9	126.8	130.6	134.1	137.2	139.3	140.8
-77.5°	79.7	83.2	86.5	89.5	92.2	94.9	97.3	99.6	101.6	103.2	104.2
-80°	56.9	59.4	61.7	63.7	65.5	67.0	68.3	69.3	70.1	71.8	73.5
-82.5°	36.5	38.4	40.2	41.8	43.2	44.4	45.5	46.4	47.2	47.9	48.5
-85°	20.0	20.9	21.9	22.8	23.8	24.4	25.0	25.6	26.0	26.4	26.8
-87.5°	8.4	8.2	8.1	7.9	7.7	7.9	8.0	8.1	8.2	8.7	9.2
-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: P559028 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	9.7	10.2	10.2	10.2	10.2	10.2	9.7	9.2	8.7	8.2	8.1
85°	27.0	27.2	28.1	29.0	28.1	27.2	27.0	26.8	26.4	26.0	25.6
82.5°	48.9	49.2	49.4	49.5	49.4	49.2	48.9	48.5	47.9	47.2	46.4
80°	75.0	76.4	75.9	75.1	75.9	76.4	75.0	73.5	71.8	70.1	69.3
77.5°	104.9	105.3	104.8	104.1	104.8	105.3	104.9	104.2	103.2	101.6	99.6
75°	141.9	142.6	143.2	143.4	143.2	142.6	141.9	140.8	139.3	137.2	134.1
72.5°	180.3	181.6	181.6	180.9	181.6	181.6	180.3	178.5	176.2	173.3	169.6
70°	220.7	222.3	223.3	223.6	223.3	222.3	220.7	218.4	215.5	212.0	207.6
67.5°	265.4	266.5	267.6	268.0	267.6	266.5	265.4	263.3	260.3	255.7	249.7
65°	315.7	318.7	319.6	319.2	319.6	318.7	315.7	311.8	307.2	301.2	293.9
62.5°	359.1	364.3	366.5	367.0	366.5	364.3	359.1	353.3	347.0	340.7	333.8
60°	366.4	368.2	368.7	368.7	368.7	368.2	366.4	364.4	361.9	359.8	357.6
57.5°	346.6	344.6	343.5	343.1	343.5	344.6	346.6	348.9	351.3	354.3	357.4
55°	335.6	333.9	333.1	332.9	333.1	333.9	335.6	337.5	339.6	342.0	344.6
52.5°	343.1	342.9	343.5	344.8	343.5	342.9	343.1	342.9	342.5	341.7	340.6
50°	364.0	365.5	367.2	368.7	367.2	365.5	364.0	361.8	359.3	356.3	352.1
47.5°	405.1	407.4	408.9	409.7	408.9	407.4	405.1	400.5	394.3	386.4	376.5
45°	495.6	501.5	504.4	505.3	504.4	501.5	495.6	484.5	467.5	445.9	422.3
42.5°	628.3	637.3	641.1	641.8	641.1	637.3	628.3	612.0	587.5	553.7	517.4
40°	826.2	842.1	849.7	855.2	849.7	842.1	826.2	798.4	759.5	707.8	659.0
37.5°	1172.7	1212.6	1235.1	1254.7	1235.1	1212.6	1172.7	1111.4	1029.4	924.5	855.3
35°	1741.5	1832.8	1886.6	1898.2	1886.6	1832.8	1741.5	1617.0	1463.8	1300.9	1162.1
32.5°	2670.8	2849.8	2956.8	2970.2	2956.8	2849.8	2670.8	2432.9	2123.9	1836.6	1606.3
30°	4594.4	5096.0	5439.8	5392.5	5439.8	5096.0	4594.4	4015.2	3269.1	2713.0	2246.1
27.5°	8019.3	8928.9	9519.7	9470.6	9519.7	8928.9	8019.3	6880.2	5489.8	4440.7	3236.9
25°	11679.7	12516.9	13011.1	13193.6	13011.1	12516.9	11679.7	10535.5	9047.1	7185.4	5238.5
22.5°	14668.8	15417.3	15844.8	16100.6	15844.8	15417.3	14668.8	13673.3	12227.3	10349.5	8178.5
20°	16959.0	17608.1	17975.8	18133.7	17975.8	17608.1	16959.0	16087.2	14809.5	13193.1	10975.6
17.5°	18720.9	19264.3	19680.6	19787.8	19680.6	19264.3	18720.9	17920.5	16787.8	15367.7	13438.3
15°	20279.4	20981.3	21472.2	21655.3	21472.2	20981.3	20279.4	19337.7	18319.3	16997.7	15328.1
12.5°	22244.6	23465.1	24114.0	24263.6	24114.0	23465.1	22244.6	20924.5	19559.6	18320.8	16713.0
10°	25149.3	27025.5	27238.1	26947.1	27238.1	27025.5	25149.3	23054.7	21008.1	19393.8	17781.5
7.5°	29379.8	31881.5	31340.5	30439.7	31340.5	31881.5	29379.8	25436.4	22484.5	20328.5	18551.5
5°	32407.2	35880.5	35988.3	35326.8	35988.3	35880.5	32407.2	28018.4	24057.0	21172.9	19165.9
2.5°	33612.4	37187.8	38967.3	39259.0	38967.3	37187.8	33612.4	29076.1	24937.4	21671.9	19567.6
0°	33702.6	37609.1	39719.0	40243.1	39719.0	37609.1	33702.6	29270.3	25084.7	21814.1	19717.8
-2.5°	33612.4	37187.8	38967.3	39259.0	38967.3	37187.8	33612.4	29076.1	24937.4	21671.9	19567.6
-5°	32407.2	35880.5	35988.3	35326.8	35988.3	35880.5	32407.2	28018.4	24057.0	21172.9	19165.9
-7.5°	29379.8	31881.5	31340.5	30439.7	31340.5	31881.5	29379.8	25436.4	22484.5	20328.5	18551.5
-10°	25149.3	27025.5	27238.1	26947.1	27238.1	27025.5	25149.3	23054.7	21008.1	19393.8	17781.5
-12.5°	22244.6	23465.1	24114.0	24263.6	24114.0	23465.1	22244.6	20924.5	19559.6	18320.8	16713.0
-15°	20279.4	20981.3	21472.2	21655.3	21472.2	20981.3	20279.4	19337.7	18319.3	16997.7	15328.1
-17.5°	18720.9	19264.3	19680.6	19787.8	19680.6	19264.3	18720.9	17920.5	16787.8	15367.7	13438.3
-20°	16959.0	17608.1	17975.8	18133.7	17975.8	17608.1	16959.0	16087.2	14809.5	13193.1	10975.6



REPORT NUMBER: P559028 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-940-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°	14668.8	15417.3	15844.8	16100.6	15844.8	15417.3	14668.8	13673.3	12227.3	10349.5	8178.5
-25°	11679.7	12516.9	13011.1	13193.6	13011.1	12516.9	11679.7	10535.5	9047.1	7185.4	5238.5
-27.5°	8019.3	8928.9	9519.7	9470.6	9519.7	8928.9	8019.3	6880.2	5489.8	4440.7	3236.9
-30°	4594.4	5096.0	5439.8	5392.5	5439.8	5096.0	4594.4	4015.2	3269.1	2713.0	2246.1
-32.5°	2670.8	2849.8	2956.8	2970.2	2956.8	2849.8	2670.8	2432.9	2123.9	1836.6	1606.3
-35°	1741.5	1832.8	1886.6	1898.2	1886.6	1832.8	1741.5	1617.0	1463.8	1300.9	1162.1
-37.5°	1172.7	1212.6	1235.1	1254.7	1235.1	1212.6	1172.7	1111.4	1029.4	924.5	855.3
-40°	826.2	842.1	849.7	855.2	849.7	842.1	826.2	798.4	759.5	707.8	659.0
-42.5°	628.3	637.3	641.1	641.8	641.1	637.3	628.3	612.0	587.5	553.7	517.4
-45°	495.6	501.5	504.4	505.3	504.4	501.5	495.6	484.5	467.5	445.9	422.3
-47.5°	405.1	407.4	408.9	409.7	408.9	407.4	405.1	400.5	394.3	386.4	376.5
-50°	364.0	365.5	367.2	368.7	367.2	365.5	364.0	361.8	359.3	356.3	352.1
-52.5°	343.1	342.9	343.5	344.8	343.5	342.9	343.1	342.9	342.5	341.7	340.6
-55°	335.6	333.9	333.1	332.9	333.1	333.9	335.6	337.5	339.6	342.0	344.6
-57.5°	346.6	344.6	343.5	343.1	343.5	344.6	346.6	348.9	351.3	354.3	357.4
-60°	366.4	368.2	368.7	368.7	368.7	368.2	366.4	364.4	361.9	359.8	357.6
-62.5°	359.1	364.3	366.5	367.0	366.5	364.3	359.1	353.3	347.0	340.7	333.8
-65°	315.7	318.7	319.6	319.2	319.6	318.7	315.7	311.8	307.2	301.2	293.9
-67.5°	265.4	266.5	267.6	268.0	267.6	266.5	265.4	263.3	260.3	255.7	249.7
-70°	220.7	222.3	223.3	223.6	223.3	222.3	220.7	218.4	215.5	212.0	207.6
-72.5°	180.3	181.6	181.6	180.9	181.6	181.6	180.3	178.5	176.2	173.3	169.6
-75°	141.9	142.6	143.2	143.4	143.2	142.6	141.9	140.8	139.3	137.2	134.1
-77.5°	104.9	105.3	104.8	104.1	104.8	105.3	104.9	104.2	103.2	101.6	99.6
-80°	75.0	76.4	75.9	75.1	75.9	76.4	75.0	73.5	71.8	70.1	69.3
-82.5°	48.9	49.2	49.4	49.5	49.4	49.2	48.9	48.5	47.9	47.2	46.4
-85°	27.0	27.2	28.1	29.0	28.1	27.2	27.0	26.8	26.4	26.0	25.6
-87.5°	9.7	10.2	10.2	10.2	10.2	10.2	9.7	9.2	8.7	8.2	8.1
-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: P559028 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	8.0	7.9	7.7	7.9	8.1	8.2	8.4	8.1	7.8	7.5	7.2
85°	25.0	24.4	23.8	22.8	21.9	20.9	20.0	19.2	18.4	17.5	16.6
82.5°	45.5	44.4	43.2	41.8	40.2	38.4	36.5	34.6	32.7	30.6	28.5
80°	68.3	67.0	65.5	63.7	61.7	59.4	56.9	54.2	51.1	48.1	45.2
77.5°	97.3	94.9	92.2	89.5	86.5	83.2	79.7	76.1	72.6	68.8	64.6
75°	130.6	126.8	122.9	119.2	115.0	110.5	106.0	101.4	96.5	91.2	85.4
72.5°	165.3	160.6	155.9	151.2	145.9	140.5	134.4	127.9	121.4	114.8	107.9
70°	202.5	196.8	190.8	184.9	179.0	172.6	164.8	156.1	146.9	138.4	130.3
67.5°	243.2	236.2	228.8	221.0	213.2	205.2	196.2	186.4	176.0	165.3	154.3
65°	285.8	277.1	268.8	260.1	250.4	239.9	228.3	217.0	205.6	193.4	180.5
62.5°	326.2	317.9	310.2	300.5	289.7	277.7	264.6	251.1	236.8	221.9	207.6
60°	354.7	351.8	344.4	336.1	327.0	316.4	301.8	286.3	270.1	253.2	235.7
57.5°	360.3	361.3	359.7	357.9	355.8	346.8	334.2	321.0	304.2	285.0	265.0
55°	347.5	351.6	356.2	361.2	364.4	360.4	356.8	348.6	333.4	317.2	295.6
52.5°	339.9	343.5	347.1	350.5	355.1	359.4	362.8	359.0	355.7	341.9	323.9
50°	348.7	347.3	345.5	345.1	347.7	349.9	354.0	358.7	360.8	356.9	346.8
47.5°	370.1	363.6	356.3	352.3	347.9	344.5	347.2	350.7	357.2	362.5	357.7
45°	409.7	394.5	378.4	369.1	358.5	351.8	345.3	346.3	350.8	357.1	363.6
42.5°	486.4	449.7	421.2	399.0	378.4	366.2	355.1	348.5	346.9	351.7	357.3
40°	607.0	546.3	500.0	448.1	414.9	387.6	371.2	357.3	350.3	348.2	351.4
37.5°	774.0	690.3	614.5	535.7	476.0	424.9	394.3	373.3	358.0	349.9	347.4
35°	1004.4	882.0	765.8	662.8	563.2	490.7	428.8	395.1	372.2	355.8	346.6
32.5°	1350.1	1161.1	960.7	823.7	689.0	575.2	491.4	426.4	388.0	366.3	351.9
30°	1853.0	1542.3	1266.6	1018.7	842.7	689.8	564.8	475.8	413.6	377.7	358.2
27.5°	2576.3	2025.1	1655.7	1304.0	1018.7	826.4	665.9	533.0	444.2	396.3	367.8
25°	3863.9	2786.4	2121.1	1658.2	1275.0	970.8	774.7	614.9	493.3	415.7	376.5
22.5°	5757.8	4084.8	2796.8	2047.6	1570.6	1186.7	900.3	700.3	539.5	444.5	392.0
20°	8491.2	5805.7	3919.2	2643.4	1914.4	1398.5	1039.2	796.5	611.9	483.2	407.2
17.5°	10982.7	8214.1	5307.2	3349.0	2343.1	1688.5	1219.1	888.9	674.2	517.5	420.7
15°	13137.6	10299.7	7192.8	4520.1	2803.8	1955.4	1387.2	971.9	732.8	558.8	446.3
12.5°	14667.6	12020.3	8926.7	5531.8	3342.3	2255.3	1585.5	1105.0	796.4	599.5	469.6
10°	15943.3	13372.6	10350.6	6880.1	4114.0	2577.9	1762.2	1216.7	850.3	630.8	487.9
7.5°	16714.8	14372.9	11443.8	8017.6	4746.8	2848.7	1908.0	1300.3	893.6	653.1	501.4
5°	17304.1	15086.8	12238.5	8876.4	5267.4	3052.9	2023.8	1356.3	925.2	666.7	510.1
2.5°	17740.8	15496.2	12739.9	9395.3	5592.8	3186.7	2101.3	1396.0	940.8	678.8	517.6
0°	17806.0	15629.5	12770.2	9489.3	5510.3	3248.5	2132.1	1420.2	940.6	684.5	520.6
-2.5°	17740.8	15496.2	12739.9	9395.3	5592.8	3186.7	2101.3	1396.0	940.8	678.8	517.6
-5°	17304.1	15086.8	12238.5	8876.4	5267.4	3052.9	2023.8	1356.3	925.2	666.7	510.1
-7.5°	16714.8	14372.9	11443.8	8017.6	4746.8	2848.7	1908.0	1300.3	893.6	653.1	501.4
-10°	15943.3	13372.6	10350.6	6880.1	4114.0	2577.9	1762.2	1216.7	850.3	630.8	487.9
-12.5°	14667.6	12020.3	8926.7	5531.8	3342.3	2255.3	1585.5	1105.0	796.4	599.5	469.6
-15°	13137.6	10299.7	7192.8	4520.1	2803.8	1955.4	1387.2	971.9	732.8	558.8	446.3
-17.5°	10982.7	8214.1	5307.2	3349.0	2343.1	1688.5	1219.1	888.9	674.2	517.5	420.7
-20°	8491.2	5805.7	3919.2	2643.4	1914.4	1398.5	1039.2	796.5	611.9	483.2	407.2



REPORT NUMBER: P559028 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5757.8	4084.8	2796.8	2047.6	1570.6	1186.7	900.3	700.3	539.5	444.5	392.0
-25°	3863.9	2786.4	2121.1	1658.2	1275.0	970.8	774.7	614.9	493.3	415.7	376.5
-27.5°	2576.3	2025.1	1655.7	1304.0	1018.7	826.4	665.9	533.0	444.2	396.3	367.8
-30°	1853.0	1542.3	1266.6	1018.7	842.7	689.8	564.8	475.8	413.6	377.7	358.2
-32.5°	1350.1	1161.1	960.7	823.7	689.0	575.2	491.4	426.4	388.0	366.3	351.9
-35°	1004.4	882.0	765.8	662.8	563.2	490.7	428.8	395.1	372.2	355.8	346.6
-37.5°	774.0	690.3	614.5	535.7	476.0	424.9	394.3	373.3	358.0	349.9	347.4
-40°	607.0	546.3	500.0	448.1	414.9	387.6	371.2	357.3	350.3	348.2	351.4
-42.5°	486.4	449.7	421.2	399.0	378.4	366.2	355.1	348.5	346.9	351.7	357.3
-45°	409.7	394.5	378.4	369.1	358.5	351.8	345.3	346.3	350.8	357.1	363.6
-47.5°	370.1	363.6	356.3	352.3	347.9	344.5	347.2	350.7	357.2	362.5	357.7
-50°	348.7	347.3	345.5	345.1	347.7	349.9	354.0	358.7	360.8	356.9	346.8
-52.5°	339.9	343.5	347.1	350.5	355.1	359.4	362.8	359.0	355.7	341.9	323.9
-55°	347.5	351.6	356.2	361.2	364.4	360.4	356.8	348.6	333.4	317.2	295.6
-57.5°	360.3	361.3	359.7	357.9	355.8	346.8	334.2	321.0	304.2	285.0	265.0
-60°	354.7	351.8	344.4	336.1	327.0	316.4	301.8	286.3	270.1	253.2	235.7
-62.5°	326.2	317.9	310.2	300.5	289.7	277.7	264.6	251.1	236.8	221.9	207.6
-65°	285.8	277.1	268.8	260.1	250.4	239.9	228.3	217.0	205.6	193.4	180.5
-67.5°	243.2	236.2	228.8	221.0	213.2	205.2	196.2	186.4	176.0	165.3	154.3
-70°	202.5	196.8	190.8	184.9	179.0	172.6	164.8	156.1	146.9	138.4	130.3
-72.5°	165.3	160.6	155.9	151.2	145.9	140.5	134.4	127.9	121.4	114.8	107.9
-75°	130.6	126.8	122.9	119.2	115.0	110.5	106.0	101.4	96.5	91.2	85.4
-77.5°	97.3	94.9	92.2	89.5	86.5	83.2	79.7	76.1	72.6	68.8	64.6
-80°	68.3	67.0	65.5	63.7	61.7	59.4	56.9	54.2	51.1	48.1	45.2
-82.5°	45.5	44.4	43.2	41.8	40.2	38.4	36.5	34.6	32.7	30.6	28.5
-85°	25.0	24.4	23.8	22.8	21.9	20.9	20.0	19.2	18.4	17.5	16.6
-87.5°	8.0	7.9	7.7	7.9	8.1	8.2	8.4	8.1	7.8	7.5	7.2
-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: P559028 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-940-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°	6.9	6.6	6.2	5.8	5.5	5.1	4.7	4.3	3.9	3.5	3.1
85°	15.7	14.8	13.8	12.7	11.5	10.2	9.4	8.6	7.8	7.0	6.1
82.5°	26.6	25.3	24.0	22.5	20.6	18.7	16.7	14.7	12.7	10.6	9.2
80°	42.4	39.5	36.6	33.6	30.4	27.2	24.6	21.9	19.4	16.7	13.8
77.5°	59.8	55.1	50.3	46.1	41.8	37.6	33.4	29.4	26.1	22.8	19.3
75°	78.8	72.7	66.8	60.6	54.2	48.0	42.8	37.9	33.3	28.9	24.7
72.5°	100.2	92.3	84.1	75.6	68.0	60.5	53.0	46.2	40.7	35.3	30.1
70°	121.6	112.5	103.1	93.3	83.0	73.0	64.3	56.1	48.0	41.7	35.6
67.5°	143.2	133.2	122.5	111.0	99.4	87.8	75.9	66.3	57.2	48.0	41.0
65°	167.8	155.0	142.1	129.5	116.3	102.8	89.7	77.1	66.3	56.1	46.3
62.5°	192.7	177.7	163.1	148.2	133.5	118.6	103.3	89.6	75.7	64.0	52.7
60°	218.3	201.5	184.0	167.3	150.9	134.5	117.9	101.9	86.8	71.8	59.5
57.5°	245.4	225.6	206.3	186.8	168.1	150.3	132.3	114.5	97.6	81.0	66.2
55°	272.8	250.7	228.6	207.1	185.7	165.6	146.3	126.9	108.2	90.4	72.8
52.5°	301.9	276.1	251.3	227.5	204.2	181.1	160.3	138.8	118.9	99.5	80.6
50°	326.9	302.3	274.3	247.9	222.3	198.0	174.0	151.4	129.0	108.4	88.3
47.5°	347.6	324.3	297.5	268.0	240.5	214.3	188.6	163.7	138.8	117.0	95.6
45°	356.4	343.3	317.9	288.5	258.3	230.5	203.0	175.8	149.6	125.2	102.6
42.5°	361.4	353.2	335.2	307.8	276.7	246.4	216.9	188.2	160.2	133.1	109.4
40°	356.5	357.9	348.8	324.1	294.8	261.6	230.7	200.3	170.4	141.2	116.0
37.5°	350.7	356.8	353.1	339.8	311.5	277.6	243.9	211.8	180.2	149.8	122.4
35°	347.2	351.6	357.9	348.9	325.2	292.9	256.5	222.8	189.8	157.9	128.4
32.5°	344.1	347.4	354.4	352.9	338.0	307.5	269.2	233.4	198.9	165.5	134.2
30°	346.8	344.9	350.3	356.6	347.5	318.7	281.6	243.3	207.4	172.5	139.7
27.5°	350.8	342.3	346.8	354.9	350.6	328.9	292.9	252.5	215.2	179.2	145.5
25°	355.6	344.0	344.5	351.6	353.3	338.1	303.2	260.9	222.7	185.6	150.7
22.5°	362.9	346.8	342.2	348.6	355.8	346.6	311.6	269.4	229.5	191.4	155.4
20°	369.4	349.0	339.9	345.7	355.3	348.7	318.5	277.0	235.7	196.6	159.6
17.5°	376.2	352.6	341.3	343.8	352.9	350.5	324.8	283.7	241.2	201.2	163.3
15°	387.3	357.4	342.9	342.1	350.6	352.2	330.3	289.4	245.9	205.2	166.6
12.5°	396.7	361.4	344.2	340.8	348.5	353.6	335.1	294.2	249.9	208.6	169.4
10°	404.4	364.6	345.0	339.6	346.5	354.7	339.1	298.5	253.6	211.2	171.7
7.5°	410.3	366.9	345.5	338.7	344.8	355.7	342.8	302.8	256.6	213.2	173.5
5°	414.6	369.5	346.7	338.3	343.9	356.3	345.5	306.4	258.9	214.5	174.8
2.5°	418.2	372.9	348.4	338.1	343.3	356.7	347.3	309.0	260.4	215.1	175.5
0°	419.9	375.5	349.9	338.0	343.1	356.8	348.2	310.7	261.2	215.1	175.8
-2.5°	418.2	372.9	348.4	338.1	343.3	356.7	347.3	309.0	260.4	215.1	175.5
-5°	414.6	369.5	346.7	338.3	343.9	356.3	345.5	306.4	258.9	214.5	174.8
-7.5°	410.3	366.9	345.5	338.7	344.8	355.7	342.8	302.8	256.6	213.2	173.5
-10°	404.4	364.6	345.0	339.6	346.5	354.7	339.1	298.5	253.6	211.2	171.7
-12.5°	396.7	361.4	344.2	340.8	348.5	353.6	335.1	294.2	249.9	208.6	169.4
-15°	387.3	357.4	342.9	342.1	350.6	352.2	330.3	289.4	245.9	205.2	166.6
-17.5°	376.2	352.6	341.3	343.8	352.9	350.5	324.8	283.7	241.2	201.2	163.3
-20°	369.4	349.0	339.9	345.7	355.3	348.7	318.5	277.0	235.7	196.6	159.6



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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°	362.9	346.8	342.2	348.6	355.8	346.6	311.6	269.4	229.5	191.4	155.4
-25°	355.6	344.0	344.5	351.6	353.3	338.1	303.2	260.9	222.7	185.6	150.7
-27.5°	350.8	342.3	346.8	354.9	350.6	328.9	292.9	252.5	215.2	179.2	145.5
-30°	346.8	344.9	350.3	356.6	347.5	318.7	281.6	243.3	207.4	172.5	139.7
-32.5°	344.1	347.4	354.4	352.9	338.0	307.5	269.2	233.4	198.9	165.5	134.2
-35°	347.2	351.6	357.9	348.9	325.2	292.9	256.5	222.8	189.8	157.9	128.4
-37.5°	350.7	356.8	353.1	339.8	311.5	277.6	243.9	211.8	180.2	149.8	122.4
-40°	356.5	357.9	348.8	324.1	294.8	261.6	230.7	200.3	170.4	141.2	116.0
-42.5°	361.4	353.2	335.2	307.8	276.7	246.4	216.9	188.2	160.2	133.1	109.4
-45°	356.4	343.3	317.9	288.5	258.3	230.5	203.0	175.8	149.6	125.2	102.6
-47.5°	347.6	324.3	297.5	268.0	240.5	214.3	188.6	163.7	138.8	117.0	95.6
-50°	326.9	302.3	274.3	247.9	222.3	198.0	174.0	151.4	129.0	108.4	88.3
-52.5°	301.9	276.1	251.3	227.5	204.2	181.1	160.3	138.8	118.9	99.5	80.6
-55°	272.8	250.7	228.6	207.1	185.7	165.6	146.3	126.9	108.2	90.4	72.8
-57.5°	245.4	225.6	206.3	186.8	168.1	150.3	132.3	114.5	97.6	81.0	66.2
-60°	218.3	201.5	184.0	167.3	150.9	134.5	117.9	101.9	86.8	71.8	59.5
-62.5°	192.7	177.7	163.1	148.2	133.5	118.6	103.3	89.6	75.7	64.0	52.7
-65°	167.8	155.0	142.1	129.5	116.3	102.8	89.7	77.1	66.3	56.1	46.3
-67.5°	143.2	133.2	122.5	111.0	99.4	87.8	75.9	66.3	57.2	48.0	41.0
-70°	121.6	112.5	103.1	93.3	83.0	73.0	64.3	56.1	48.0	41.7	35.6
-72.5°	100.2	92.3	84.1	75.6	68.0	60.5	53.0	46.2	40.7	35.3	30.1
-75°	78.8	72.7	66.8	60.6	54.2	48.0	42.8	37.9	33.3	28.9	24.7
-77.5°	59.8	55.1	50.3	46.1	41.8	37.6	33.4	29.4	26.1	22.8	19.3
-80°	42.4	39.5	36.6	33.6	30.4	27.2	24.6	21.9	19.4	16.7	13.8
-82.5°	26.6	25.3	24.0	22.5	20.6	18.7	16.7	14.7	12.7	10.6	9.2
-85°	15.7	14.8	13.8	12.7	11.5	10.2	9.4	8.6	7.8	7.0	6.1
-87.5°	6.9	6.6	6.2	5.8	5.5	5.1	4.7	4.3	3.9	3.5	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



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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°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
85°	5.3	4.4	3.5	2.7	1.8	0.9	0.0
82.5°	7.9	6.6	5.3	4.0	2.7	1.3	0.0
80°	10.8	8.8	7.0	5.3	3.5	1.8	0.0
77.5°	15.5	11.6	8.8	6.6	4.4	2.2	0.0
75°	20.2	15.4	10.7	7.9	5.3	2.6	0.0
72.5°	24.9	19.2	13.7	9.2	6.1	3.1	0.0
70°	29.5	22.9	16.7	10.6	7.0	3.5	0.0
67.5°	34.1	26.6	19.5	12.7	7.8	3.9	0.0
65°	38.6	30.4	22.4	14.8	8.6	4.3	0.0
62.5°	43.2	34.3	25.1	16.8	9.4	4.7	0.0
60°	47.6	38.1	27.8	18.8	10.2	5.1	0.0
57.5°	53.2	41.9	30.9	20.7	11.5	5.5	0.0
55°	58.9	45.6	33.9	22.6	12.7	5.8	0.0
52.5°	64.3	49.4	36.9	24.4	14.0	6.2	0.0
50°	69.6	53.8	39.8	26.1	15.2	6.6	0.0
47.5°	74.9	58.1	42.6	27.9	16.3	6.9	0.0
45°	80.9	62.2	45.3	30.0	17.5	7.2	0.0
42.5°	86.5	66.1	47.9	31.9	18.6	7.5	0.0
40°	91.9	69.9	50.7	33.9	19.6	7.8	0.0
37.5°	96.9	73.5	53.6	35.7	20.6	8.1	0.0
35°	101.6	77.2	56.3	37.4	21.6	8.4	0.0
32.5°	106.1	80.9	58.9	39.0	22.5	8.6	0.0
30°	110.7	84.3	61.3	40.5	23.3	8.8	0.0
27.5°	114.9	87.5	63.3	41.8	24.1	9.0	0.0
25°	118.8	90.3	65.2	43.0	24.9	9.2	0.0
22.5°	122.4	92.9	66.8	44.0	25.6	9.4	0.0
20°	125.7	95.0	68.3	44.9	26.2	9.6	0.0
17.5°	128.6	96.9	69.6	45.7	26.8	9.7	0.0
15°	131.1	98.5	70.8	46.4	27.3	9.9	0.0
12.5°	133.2	99.8	71.7	46.9	27.8	10.0	0.0
10°	135.0	100.9	72.4	47.3	28.1	10.0	0.0
7.5°	136.5	101.7	73.0	47.6	28.5	10.1	0.0
5°	137.5	102.2	73.3	47.8	28.7	10.2	0.0
2.5°	138.1	102.4	73.5	47.9	28.9	10.2	0.0
0°	138.3	102.4	73.4	47.8	29.0	10.2	0.0
-2.5°	138.1	102.4	73.5	47.9	28.9	10.2	0.0
-5°	137.5	102.2	73.3	47.8	28.7	10.2	0.0
-7.5°	136.5	101.7	73.0	47.6	28.5	10.1	0.0
-10°	135.0	100.9	72.4	47.3	28.1	10.0	0.0
-12.5°	133.2	99.8	71.7	46.9	27.8	10.0	0.0
-15°	131.1	98.5	70.8	46.4	27.3	9.9	0.0
-17.5°	128.6	96.9	69.6	45.7	26.8	9.7	0.0
-20°	125.7	95.0	68.3	44.9	26.2	9.6	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	122.4	92.9	66.8	44.0	25.6	9.4	0.0
-25°	118.8	90.3	65.2	43.0	24.9	9.2	0.0
-27.5°	114.9	87.5	63.3	41.8	24.1	9.0	0.0
-30°	110.7	84.3	61.3	40.5	23.3	8.8	0.0
-32.5°	106.1	80.9	58.9	39.0	22.5	8.6	0.0
-35°	101.6	77.2	56.3	37.4	21.6	8.4	0.0
-37.5°	96.9	73.5	53.6	35.7	20.6	8.1	0.0
-40°	91.9	69.9	50.7	33.9	19.6	7.8	0.0
-42.5°	86.5	66.1	47.9	31.9	18.6	7.5	0.0
-45°	80.9	62.2	45.3	30.0	17.5	7.2	0.0
-47.5°	74.9	58.1	42.6	27.9	16.3	6.9	0.0
-50°	69.6	53.8	39.8	26.1	15.2	6.6	0.0
-52.5°	64.3	49.4	36.9	24.4	14.0	6.2	0.0
-55°	58.9	45.6	33.9	22.6	12.7	5.8	0.0
-57.5°	53.2	41.9	30.9	20.7	11.5	5.5	0.0
-60°	47.6	38.1	27.8	18.8	10.2	5.1	0.0
-62.5°	43.2	34.3	25.1	16.8	9.4	4.7	0.0
-65°	38.6	30.4	22.4	14.8	8.6	4.3	0.0
-67.5°	34.1	26.6	19.5	12.7	7.8	3.9	0.0
-70°	29.5	22.9	16.7	10.6	7.0	3.5	0.0
-72.5°	24.9	19.2	13.7	9.2	6.1	3.1	0.0
-75°	20.2	15.4	10.7	7.9	5.3	2.6	0.0
-77.5°	15.5	11.6	8.8	6.6	4.4	2.2	0.0
-80°	10.8	8.8	7.0	5.3	3.5	1.8	0.0
-82.5°	7.9	6.6	5.3	4.0	2.7	1.3	0.0
-85°	5.3	4.4	3.5	2.7	1.8	0.9	0.0
-87.5°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)