

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: P559012 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-930-U-MR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559012 (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-930-U-MR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4  
Light Source: (80) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

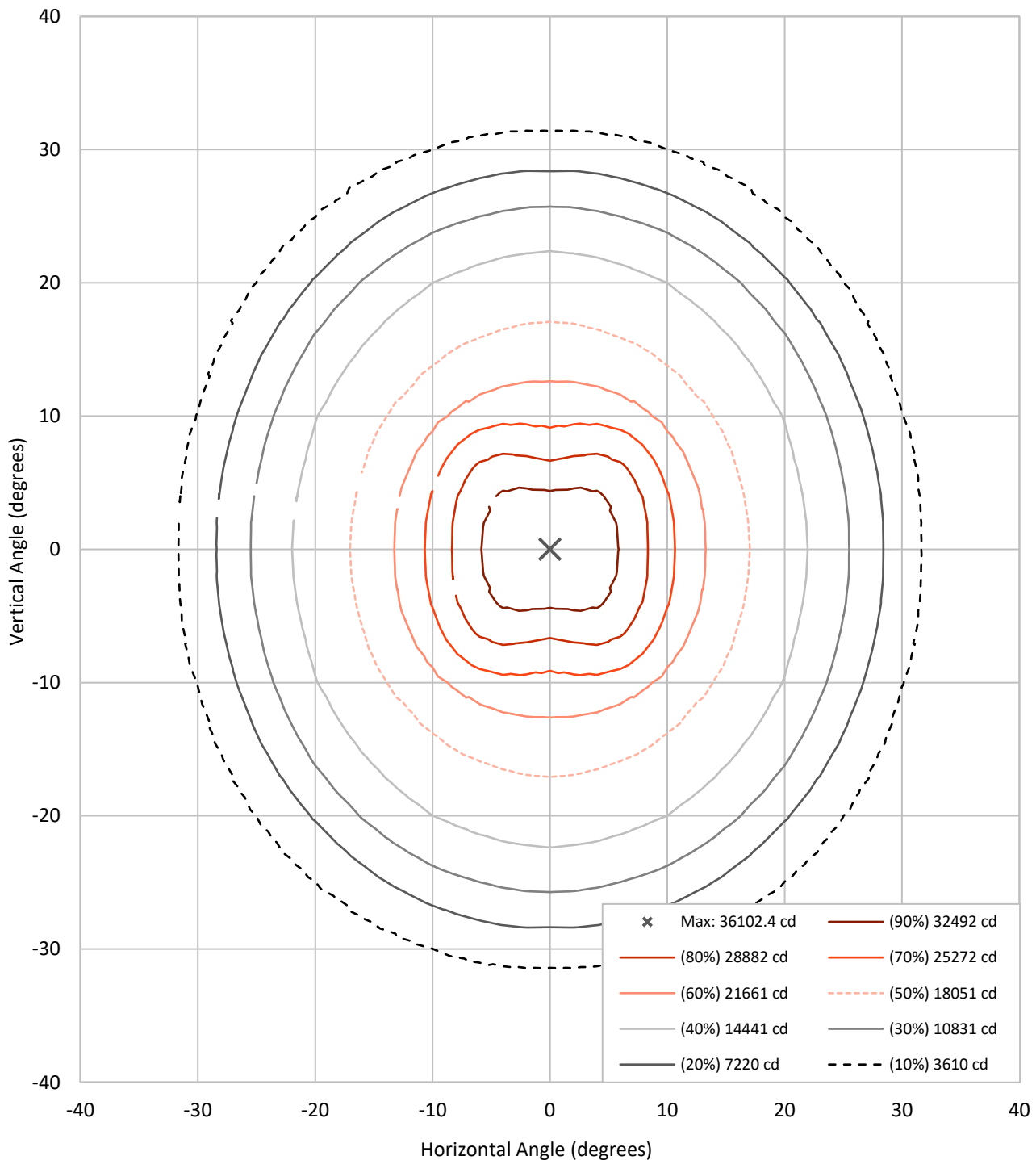
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	15970.7 lumens	Max Intensity:	36102.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	103.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	6802.5 lumens	Field Lumens:	13902.9 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





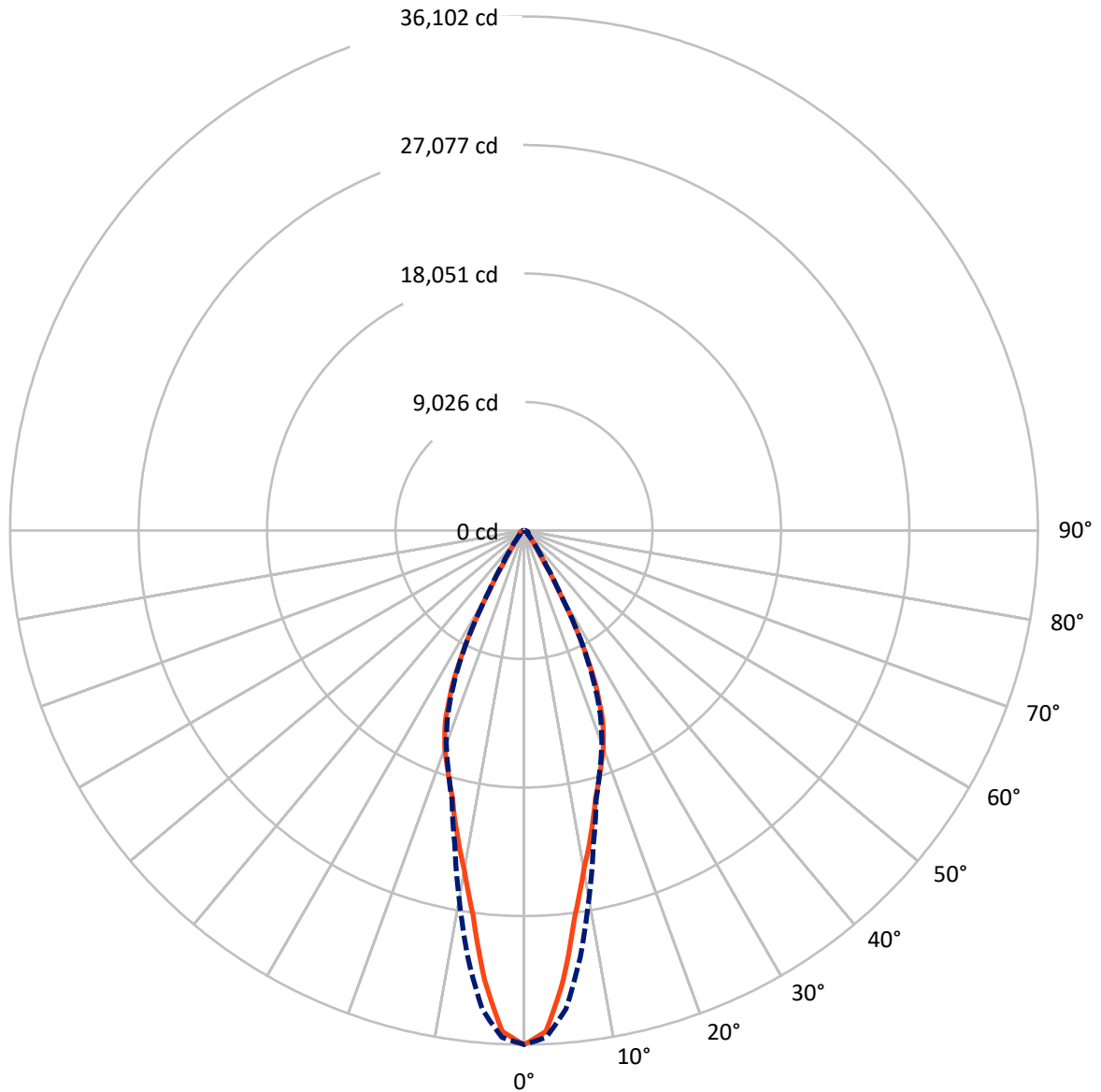
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### Lumen Table

90																			
80	0.2	1.8		5.0		8.2		9.5		8.2		5.0		1.8		0.2			
70																			
60	0.8	0.9	2.0	3.5	5.2	6.6	7.8	8.4	8.4	7.8	6.6	5.2	3.5	2.0	0.9	0.8			
50		1.5	3.3	5.7	7.7	8.7	9.2	9.4	9.4	9.2	8.7	7.7	5.7	3.3	1.5				
40	1.5	2.1	4.5	6.8	7.9	9.8	12.6	14.5	14.5	12.6	9.8	7.9	6.8	4.5	2.1	1.5			
30		2.6	5.3	6.9	10.3	20.4	38.7	59.1	59.1	38.7	20.4	10.3	6.9	5.3	2.6				
20	2.1	3.1	5.4	7.7	18.7	62.1	195.4	321.7	321.7	195.4	62.1	18.7	7.7	5.4	3.1	2.1			
10		3.3	5.4	9.4	34.9	184.2	435.3	576.5	576.5	435.3	184.2	34.9	9.4	5.4	3.3				
0	2.3	3.5	5.5	10.9	53.1	290.2	566.1	893.3	893.3	566.1	290.2	53.1	10.9	5.5	3.5	2.3			
-10		3.5	5.5	10.9	53.1	290.2	566.1	893.3	893.3	566.1	290.2	53.1	10.9	5.5	3.5				
-20	2.1	3.3	5.4	9.4	34.9	184.2	435.3	576.5	576.5	435.3	184.2	34.9	9.4	5.4	3.3	2.1			
-30		3.1	5.4	7.7	18.7	62.1	195.4	321.7	321.7	195.4	62.1	18.7	7.7	5.4	3.1				
-40	1.5	2.6	5.3	6.9	10.3	20.4	38.7	59.1	59.1	38.7	20.4	10.3	6.9	5.3	2.6	1.5			
-50		2.1	4.5	6.8	7.9	9.8	12.6	14.5	14.5	12.6	9.8	7.9	6.8	4.5	2.1				
-60	0.8	1.5	3.3	5.7	7.7	8.7	9.2	9.4	9.4	9.2	8.7	7.7	5.7	3.3	1.5	0.8			
-70		0.9	2.0	3.5	5.2	6.6	7.8	8.4	8.4	7.8	6.6	5.2	3.5	2.0	0.9				
-80																			
-90	0.2	1.8		5.0		8.2		9.5		8.2		5.0		1.8		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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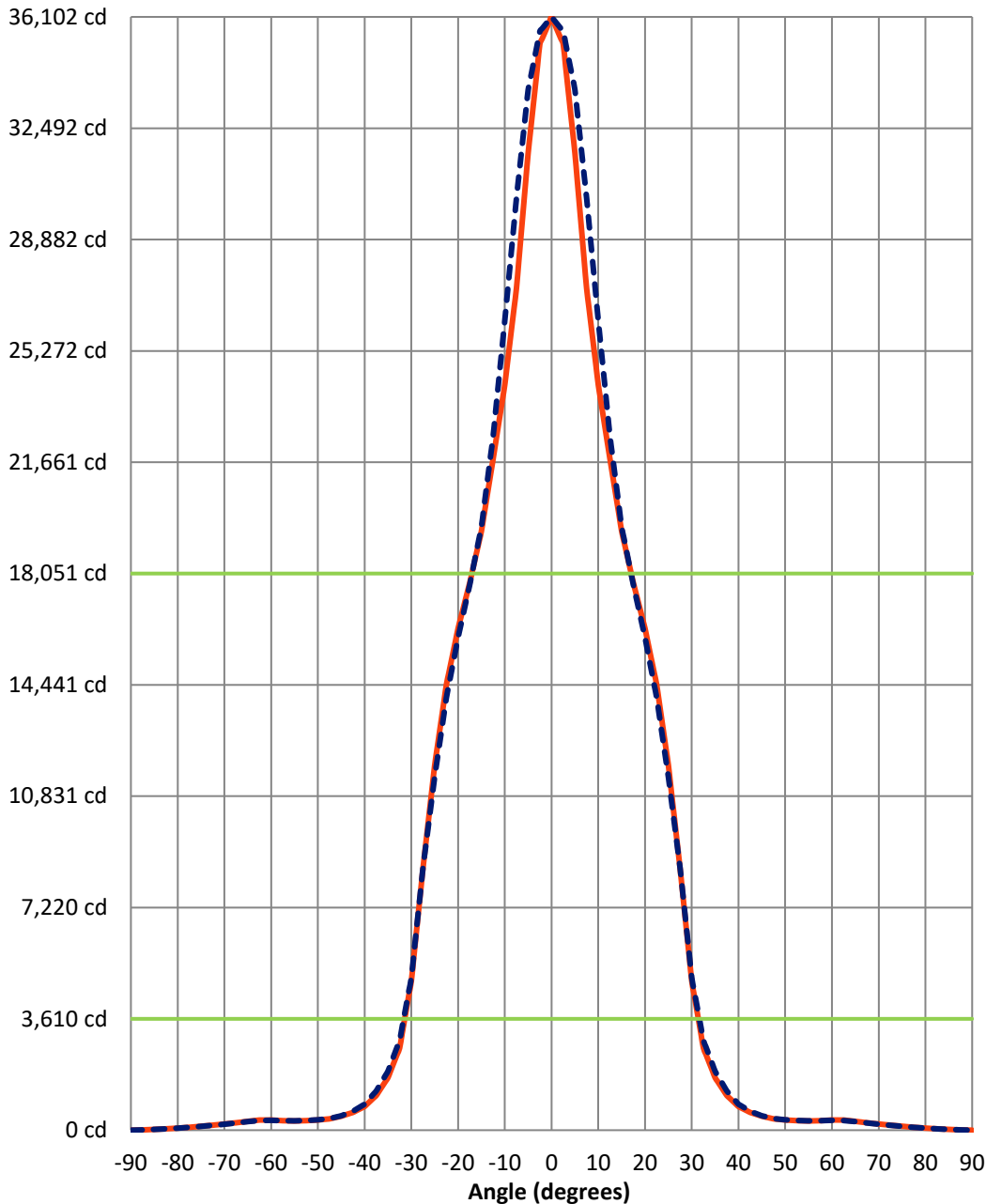
### Luminous Intensity Polar Plot



— 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: 6802.5  
 Efficiency: 42.6%

**Field:**  
 H Angle: 63.3°  
 V Angle: 62.8°  
 Lumens: 13902.9  
 Efficiency: 87.1%

**Spill:**  
 Lumens: 2067.8  
 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	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.5	3.9
85°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.5	6.3	7.0	7.8
82.5°	0.0	1.2	2.4	3.6	4.8	6.0	7.1	8.3	9.6	11.5	13.3
80°	0.0	1.6	3.2	4.8	6.4	7.9	9.7	12.4	15.0	17.4	19.7
77.5°	0.0	2.0	4.0	6.0	7.9	10.4	14.0	17.3	20.5	23.4	26.4
75°	0.0	2.4	4.8	7.1	9.7	13.9	18.2	22.2	25.9	29.9	34.0
72.5°	0.0	2.8	5.5	8.3	12.4	17.3	22.3	27.0	31.7	36.5	41.4
70°	0.0	3.1	6.3	9.6	15.0	20.6	26.4	32.0	37.4	43.1	50.3
67.5°	0.0	3.5	7.0	11.5	17.6	23.9	30.6	36.8	43.1	51.3	59.5
65°	0.0	3.9	7.8	13.3	20.1	27.2	34.7	41.5	50.3	59.5	69.2
62.5°	0.0	4.2	8.5	15.1	22.5	30.7	38.7	47.3	57.4	67.9	80.4
60°	0.0	4.6	9.2	16.9	24.9	34.2	42.7	53.4	64.4	77.8	91.4
57.5°	0.0	4.9	10.3	18.6	27.7	37.6	47.8	59.4	72.7	87.5	102.7
55°	0.0	5.3	11.5	20.3	30.4	40.9	52.8	65.3	81.1	97.1	113.8
52.5°	0.0	5.6	12.6	21.9	33.1	44.3	57.7	72.3	89.3	106.6	124.5
50°	0.0	5.9	13.7	23.5	35.7	48.3	62.5	79.2	97.2	115.7	135.8
47.5°	0.0	6.2	14.7	25.0	38.2	52.1	67.2	85.7	104.9	124.4	146.9
45°	0.0	6.5	15.7	26.9	40.6	55.8	72.5	92.0	112.3	134.2	157.8
42.5°	0.0	6.8	16.7	28.7	43.0	59.3	77.6	98.1	119.4	143.7	168.9
40°	0.0	7.0	17.6	30.4	45.5	62.7	82.4	104.1	126.6	152.9	179.7
37.5°	0.0	7.3	18.5	32.0	48.1	65.9	86.9	109.8	134.4	161.7	190.0
35°	0.0	7.5	19.4	33.6	50.5	69.3	91.1	115.2	141.7	170.3	199.9
32.5°	0.0	7.8	20.2	35.0	52.8	72.6	95.2	120.3	148.5	178.4	209.4
30°	0.0	8.0	20.9	36.3	55.0	75.7	99.3	125.3	154.8	186.0	218.2
27.5°	0.0	8.2	21.7	37.5	56.8	78.5	103.1	130.4	160.8	193.1	226.5
25°	0.0	8.3	22.3	38.5	58.5	81.1	106.6	135.1	166.5	199.7	234.1
22.5°	0.0	8.5	22.9	39.5	60.0	83.3	109.8	139.4	171.7	205.9	241.7
20°	0.0	8.6	23.5	40.3	61.3	85.2	112.7	143.2	176.4	211.4	248.5
17.5°	0.0	8.8	24.0	41.0	62.5	86.9	115.3	146.5	180.5	216.4	254.5
15°	0.0	8.9	24.5	41.6	63.5	88.4	117.5	149.4	184.1	220.6	259.6
12.5°	0.0	9.0	24.9	42.1	64.3	89.6	119.5	151.9	187.1	224.2	263.9
10°	0.0	9.1	25.2	42.5	65.0	90.6	121.1	154.0	189.5	227.5	267.7
7.5°	0.0	9.1	25.5	42.7	65.4	91.3	122.3	155.6	191.2	230.2	271.6
5°	0.0	9.2	25.7	42.9	65.7	91.7	123.3	156.8	192.4	232.2	274.8
2.5°	0.0	9.2	25.9	42.9	65.9	91.9	123.8	157.5	193.0	233.6	277.2
0°	0.0	9.2	26.0	42.9	65.8	91.9	124.0	157.7	193.0	234.3	278.7
-2.5°	0.0	9.2	25.9	42.9	65.9	91.9	123.8	157.5	193.0	233.6	277.2
-5°	0.0	9.2	25.7	42.9	65.7	91.7	123.3	156.8	192.4	232.2	274.8
-7.5°	0.0	9.1	25.5	42.7	65.4	91.3	122.3	155.6	191.2	230.2	271.6
-10°	0.0	9.1	25.2	42.5	65.0	90.6	121.1	154.0	189.5	227.5	267.7
-12.5°	0.0	9.0	24.9	42.1	64.3	89.6	119.5	151.9	187.1	224.2	263.9
-15°	0.0	8.9	24.5	41.6	63.5	88.4	117.5	149.4	184.1	220.6	259.6
-17.5°	0.0	8.8	24.0	41.0	62.5	86.9	115.3	146.5	180.5	216.4	254.5
-20°	0.0	8.6	23.5	40.3	61.3	85.2	112.7	143.2	176.4	211.4	248.5



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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	8.5	22.9	39.5	60.0	83.3	109.8	139.4	171.7	205.9	241.7
-25°	0.0	8.3	22.3	38.5	58.5	81.1	106.6	135.1	166.5	199.7	234.1
-27.5°	0.0	8.2	21.7	37.5	56.8	78.5	103.1	130.4	160.8	193.1	226.5
-30°	0.0	8.0	20.9	36.3	55.0	75.7	99.3	125.3	154.8	186.0	218.2
-32.5°	0.0	7.8	20.2	35.0	52.8	72.6	95.2	120.3	148.5	178.4	209.4
-35°	0.0	7.5	19.4	33.6	50.5	69.3	91.1	115.2	141.7	170.3	199.9
-37.5°	0.0	7.3	18.5	32.0	48.1	65.9	86.9	109.8	134.4	161.7	190.0
-40°	0.0	7.0	17.6	30.4	45.5	62.7	82.4	104.1	126.6	152.9	179.7
-42.5°	0.0	6.8	16.7	28.7	43.0	59.3	77.6	98.1	119.4	143.7	168.9
-45°	0.0	6.5	15.7	26.9	40.6	55.8	72.5	92.0	112.3	134.2	157.8
-47.5°	0.0	6.2	14.7	25.0	38.2	52.1	67.2	85.7	104.9	124.4	146.9
-50°	0.0	5.9	13.7	23.5	35.7	48.3	62.5	79.2	97.2	115.7	135.8
-52.5°	0.0	5.6	12.6	21.9	33.1	44.3	57.7	72.3	89.3	106.6	124.5
-55°	0.0	5.3	11.5	20.3	30.4	40.9	52.8	65.3	81.1	97.1	113.8
-57.5°	0.0	4.9	10.3	18.6	27.7	37.6	47.8	59.4	72.7	87.5	102.7
-60°	0.0	4.6	9.2	16.9	24.9	34.2	42.7	53.4	64.4	77.8	91.4
-62.5°	0.0	4.2	8.5	15.1	22.5	30.7	38.7	47.3	57.4	67.9	80.4
-65°	0.0	3.9	7.8	13.3	20.1	27.2	34.7	41.5	50.3	59.5	69.2
-67.5°	0.0	3.5	7.0	11.5	17.6	23.9	30.6	36.8	43.1	51.3	59.5
-70°	0.0	3.1	6.3	9.6	15.0	20.6	26.4	32.0	37.4	43.1	50.3
-72.5°	0.0	2.8	5.5	8.3	12.4	17.3	22.3	27.0	31.7	36.5	41.4
-75°	0.0	2.4	4.8	7.1	9.7	13.9	18.2	22.2	25.9	29.9	34.0
-77.5°	0.0	2.0	4.0	6.0	7.9	10.4	14.0	17.3	20.5	23.4	26.4
-80°	0.0	1.6	3.2	4.8	6.4	7.9	9.7	12.4	15.0	17.4	19.7
-82.5°	0.0	1.2	2.4	3.6	4.8	6.0	7.1	8.3	9.6	11.5	13.3
-85°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.5	6.3	7.0	7.8
-87.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.5	3.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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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°	4.2	4.6	4.9	5.3	5.6	5.9	6.2	6.5	6.8	7.0	7.3
85°	8.5	9.2	10.3	11.4	12.4	13.3	14.2	14.9	15.7	16.5	17.3
82.5°	15.0	16.8	18.5	20.2	21.5	22.7	23.9	25.6	27.5	29.3	31.1
80°	22.0	24.4	27.3	30.2	32.8	35.4	38.0	40.6	43.2	45.9	48.6
77.5°	30.0	33.7	37.5	41.4	45.1	49.4	53.7	57.9	61.7	65.1	68.3
75°	38.4	43.0	48.6	54.4	59.9	65.3	70.7	76.6	81.8	86.5	90.9
72.5°	47.6	54.3	61.0	67.8	75.5	82.8	89.9	96.7	103.0	108.8	114.7
70°	57.7	65.4	74.5	83.7	92.5	100.9	109.1	116.8	124.1	131.8	140.0
67.5°	68.1	78.8	89.2	99.6	109.9	119.4	128.4	138.4	148.2	157.9	167.2
65°	80.5	92.2	104.3	116.2	127.4	139.0	150.5	161.9	173.5	184.4	194.7
62.5°	92.7	106.4	119.8	132.9	146.3	159.4	172.9	186.2	199.0	212.4	225.3
60°	105.8	120.7	135.3	150.1	165.1	180.8	195.8	211.5	227.2	242.4	256.9
57.5°	118.6	134.8	150.9	167.6	185.1	202.4	220.2	237.7	255.7	272.9	287.9
55°	131.2	148.6	166.7	185.9	205.1	224.9	244.8	265.2	284.5	299.0	312.7
52.5°	143.8	162.5	183.2	204.1	225.5	247.7	270.8	290.5	306.7	319.1	322.1
50°	156.2	177.6	199.5	222.4	246.0	271.1	293.3	311.1	320.2	323.7	321.9
47.5°	169.2	192.2	215.7	240.4	266.9	290.9	311.8	320.8	325.2	320.5	314.6
45°	182.2	206.8	231.7	258.7	285.2	308.0	319.7	326.2	320.3	314.7	310.7
42.5°	194.6	221.0	248.2	276.1	300.8	316.8	324.2	320.5	315.5	311.2	312.7
40°	207.0	234.7	264.4	290.7	312.9	321.1	319.8	315.3	312.4	314.3	320.5
37.5°	218.8	249.0	279.4	304.9	316.8	320.1	314.6	311.7	313.9	321.1	334.9
35°	230.1	262.7	291.7	313.0	321.0	315.4	311.4	311.0	319.2	333.9	354.4
32.5°	241.5	275.9	303.3	316.6	317.9	311.7	308.7	315.7	328.6	348.1	382.5
30°	252.6	286.0	311.8	319.9	314.3	309.4	311.1	321.3	338.8	371.0	426.8
27.5°	262.7	295.1	314.5	318.4	311.2	307.1	314.7	330.0	355.5	398.4	478.1
25°	272.0	303.3	316.9	315.5	309.1	308.6	318.9	337.8	372.9	442.5	551.6
22.5°	279.6	310.9	319.2	312.7	307.0	311.1	325.5	351.7	398.7	484.1	628.3
20°	285.8	312.8	318.8	310.2	304.9	313.1	331.4	365.3	433.4	549.0	714.6
17.5°	291.4	314.5	316.6	308.4	306.1	316.3	337.6	377.5	464.3	604.8	797.5
15°	296.3	316.0	314.6	306.9	307.6	320.6	347.5	400.4	501.3	657.4	871.9
12.5°	300.7	317.2	312.6	305.7	308.8	324.2	356.0	421.3	537.8	714.5	991.3
10°	304.3	318.3	310.8	304.7	309.5	327.1	362.9	437.7	565.9	762.8	1091.6
7.5°	307.6	319.1	309.3	303.9	309.9	329.2	368.1	449.8	585.9	801.7	1166.5
5°	310.0	319.7	308.5	303.5	311.0	331.5	371.9	457.6	598.1	830.0	1216.7
2.5°	311.6	320.0	308.0	303.3	312.6	334.6	375.2	464.3	608.9	844.0	1252.4
0°	312.4	320.1	307.8	303.2	313.9	336.9	376.7	467.1	614.1	843.8	1274.1
-2.5°	311.6	320.0	308.0	303.3	312.6	334.6	375.2	464.3	608.9	844.0	1252.4
-5°	310.0	319.7	308.5	303.5	311.0	331.5	371.9	457.6	598.1	830.0	1216.7
-7.5°	307.6	319.1	309.3	303.9	309.9	329.2	368.1	449.8	585.9	801.7	1166.5
-10°	304.3	318.3	310.8	304.7	309.5	327.1	362.9	437.7	565.9	762.8	1091.6
-12.5°	300.7	317.2	312.6	305.7	308.8	324.2	356.0	421.3	537.8	714.5	991.3
-15°	296.3	316.0	314.6	306.9	307.6	320.6	347.5	400.4	501.3	657.4	871.9
-17.5°	291.4	314.5	316.6	308.4	306.1	316.3	337.6	377.5	464.3	604.8	797.5
-20°	285.8	312.8	318.8	310.2	304.9	313.1	331.4	365.3	433.4	549.0	714.6



REPORT NUMBER: P559012 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-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°	279.6	310.9	319.2	312.7	307.0	311.1	325.5	351.7	398.7	484.1	628.3
-25°	272.0	303.3	316.9	315.5	309.1	308.6	318.9	337.8	372.9	442.5	551.6
-27.5°	262.7	295.1	314.5	318.4	311.2	307.1	314.7	330.0	355.5	398.4	478.1
-30°	252.6	286.0	311.8	319.9	314.3	309.4	311.1	321.3	338.8	371.0	426.8
-32.5°	241.5	275.9	303.3	316.6	317.9	311.7	308.7	315.7	328.6	348.1	382.5
-35°	230.1	262.7	291.7	313.0	321.0	315.4	311.4	311.0	319.2	333.9	354.4
-37.5°	218.8	249.0	279.4	304.9	316.8	320.1	314.6	311.7	313.9	321.1	334.9
-40°	207.0	234.7	264.4	290.7	312.9	321.1	319.8	315.3	312.4	314.3	320.5
-42.5°	194.6	221.0	248.2	276.1	300.8	316.8	324.2	320.5	315.5	311.2	312.7
-45°	182.2	206.8	231.7	258.7	285.2	308.0	319.7	326.2	320.3	314.7	310.7
-47.5°	169.2	192.2	215.7	240.4	266.9	290.9	311.8	320.8	325.2	320.5	314.6
-50°	156.2	177.6	199.5	222.4	246.0	271.1	293.3	311.1	320.2	323.7	321.9
-52.5°	143.8	162.5	183.2	204.1	225.5	247.7	270.8	290.5	306.7	319.1	322.1
-55°	131.2	148.6	166.7	185.9	205.1	224.9	244.8	265.2	284.5	299.0	312.7
-57.5°	118.6	134.8	150.9	167.6	185.1	202.4	220.2	237.7	255.7	272.9	287.9
-60°	105.8	120.7	135.3	150.1	165.1	180.8	195.8	211.5	227.2	242.4	256.9
-62.5°	92.7	106.4	119.8	132.9	146.3	159.4	172.9	186.2	199.0	212.4	225.3
-65°	80.5	92.2	104.3	116.2	127.4	139.0	150.5	161.9	173.5	184.4	194.7
-67.5°	68.1	78.8	89.2	99.6	109.9	119.4	128.4	138.4	148.2	157.9	167.2
-70°	57.7	65.4	74.5	83.7	92.5	100.9	109.1	116.8	124.1	131.8	140.0
-72.5°	47.6	54.3	61.0	67.8	75.5	82.8	89.9	96.7	103.0	108.8	114.7
-75°	38.4	43.0	48.6	54.4	59.9	65.3	70.7	76.6	81.8	86.5	90.9
-77.5°	30.0	33.7	37.5	41.4	45.1	49.4	53.7	57.9	61.7	65.1	68.3
-80°	22.0	24.4	27.3	30.2	32.8	35.4	38.0	40.6	43.2	45.9	48.6
-82.5°	15.0	16.8	18.5	20.2	21.5	22.7	23.9	25.6	27.5	29.3	31.1
-85°	8.5	9.2	10.3	11.4	12.4	13.3	14.2	14.9	15.7	16.5	17.3
-87.5°	4.2	4.6	4.9	5.3	5.6	5.9	6.2	6.5	6.8	7.0	7.3
-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: P559012 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-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°	7.5	7.4	7.3	7.2	7.0	7.1	7.2	7.3	7.4	7.9	8.3
85°	18.0	18.8	19.6	20.5	21.3	21.9	22.5	22.9	23.4	23.7	24.0
82.5°	32.7	34.5	36.0	37.5	38.8	39.8	40.8	41.6	42.4	43.0	43.5
80°	51.1	53.3	55.3	57.1	58.7	60.1	61.2	62.2	62.9	64.4	65.9
77.5°	71.5	74.6	77.6	80.3	82.8	85.1	87.4	89.4	91.2	92.6	93.5
75°	95.1	99.2	103.2	106.9	110.3	113.8	117.2	120.3	123.1	125.0	126.3
72.5°	120.6	126.0	130.9	135.6	139.8	144.1	148.3	152.1	155.5	158.1	160.1
70°	147.8	154.8	160.6	165.9	171.2	176.5	181.7	186.3	190.2	193.4	196.0
67.5°	176.0	184.1	191.3	198.3	205.3	211.9	218.2	224.1	229.4	233.5	236.2
65°	204.8	215.2	224.7	233.3	241.1	248.5	256.4	263.7	270.2	275.6	279.7
62.5°	237.4	249.2	259.9	269.6	278.3	285.2	292.7	299.5	305.6	311.3	316.9
60°	270.7	283.8	293.3	301.5	309.0	315.7	318.3	320.8	322.8	324.7	326.9
57.5°	299.8	311.0	319.2	321.0	322.7	324.2	323.3	320.6	317.9	315.1	313.0
55°	320.1	323.3	326.9	324.1	319.6	315.4	311.7	309.1	306.8	304.6	302.8
52.5°	325.5	322.4	318.6	314.5	311.4	308.2	304.9	305.5	306.5	307.3	307.7
50°	317.6	313.9	311.9	309.5	309.9	311.5	312.8	315.9	319.7	322.3	324.6
47.5°	311.4	309.1	312.1	316.0	319.6	326.2	332.0	337.8	346.7	353.7	359.4
45°	309.8	315.6	321.6	331.1	339.4	353.9	367.5	378.9	400.1	419.5	434.7
42.5°	318.6	328.5	339.4	357.9	377.9	403.5	436.4	464.2	496.7	527.1	549.1
40°	333.0	347.6	372.2	402.0	448.6	490.1	544.6	591.1	634.9	681.3	716.2
37.5°	353.7	381.2	427.0	480.5	551.3	619.3	694.4	767.3	829.4	923.4	997.0
35°	384.6	440.1	505.2	594.6	687.1	791.2	901.0	1042.5	1167.1	1313.2	1450.6
32.5°	440.8	516.0	618.1	738.9	861.8	1041.6	1211.2	1441.1	1647.6	1905.4	2182.6
30°	506.6	618.8	756.0	913.8	1136.3	1383.6	1662.4	2015.0	2433.9	2932.7	3602.1
27.5°	597.4	741.4	913.8	1169.8	1485.4	1816.8	2311.2	2903.8	3983.8	4925.0	6172.3
25°	695.0	870.9	1143.7	1487.6	1902.9	2499.7	3466.4	4699.5	6446.1	8116.2	9451.4
22.5°	807.6	1064.6	1409.0	1836.9	2509.1	3664.6	5165.3	7337.0	9284.7	10969.2	12266.4
20°	932.2	1254.6	1717.4	2371.4	3516.0	5208.4	7617.6	9846.3	11835.6	13285.7	14431.9
17.5°	1093.7	1514.8	2102.0	3004.5	4761.2	7369.0	9852.7	12055.6	13786.5	15060.5	16076.6
15°	1244.5	1754.3	2515.3	4055.1	6452.8	9239.9	11785.8	13751.0	15248.8	16434.4	17348.0
12.5°	1422.4	2023.3	2998.5	4962.7	8008.2	10783.5	13158.4	14993.4	16435.8	17547.1	18771.5
10°	1580.9	2312.7	3690.7	6172.2	9285.6	11996.6	14302.9	15952.0	17398.4	18846.6	20682.6
7.5°	1711.7	2555.6	4258.4	7192.7	10266.4	12894.0	14995.0	16642.8	18236.8	20171.0	22819.2
5°	1815.6	2738.8	4725.4	7963.1	10979.3	13534.5	15523.6	17193.8	18994.4	21581.8	25135.6
2.5°	1885.1	2858.9	5017.4	8428.6	11429.0	13901.9	15915.5	17554.3	19442.1	22371.6	26084.4
0°	1912.7	2914.2	4943.3	8513.0	11456.3	14021.4	15973.9	17689.0	19569.6	22503.7	26258.7
-2.5°	1885.1	2858.9	5017.4	8428.6	11429.0	13901.9	15915.5	17554.3	19442.1	22371.6	26084.4
-5°	1815.6	2738.8	4725.4	7963.1	10979.3	13534.5	15523.6	17193.8	18994.4	21581.8	25135.6
-7.5°	1711.7	2555.6	4258.4	7192.7	10266.4	12894.0	14995.0	16642.8	18236.8	20171.0	22819.2
-10°	1580.9	2312.7	3690.7	6172.2	9285.6	11996.6	14302.9	15952.0	17398.4	18846.6	20682.6
-12.5°	1422.4	2023.3	2998.5	4962.7	8008.2	10783.5	13158.4	14993.4	16435.8	17547.1	18771.5
-15°	1244.5	1754.3	2515.3	4055.1	6452.8	9239.9	11785.8	13751.0	15248.8	16434.4	17348.0
-17.5°	1093.7	1514.8	2102.0	3004.5	4761.2	7369.0	9852.7	12055.6	13786.5	15060.5	16076.6
-20°	932.2	1254.6	1717.4	2371.4	3516.0	5208.4	7617.6	9846.3	11835.6	13285.7	14431.9



REPORT NUMBER: P559012 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-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°	807.6	1064.6	1409.0	1836.9	2509.1	3664.6	5165.3	7337.0	9284.7	10969.2	12266.4
-25°	695.0	870.9	1143.7	1487.6	1902.9	2499.7	3466.4	4699.5	6446.1	8116.2	9451.4
-27.5°	597.4	741.4	913.8	1169.8	1485.4	1816.8	2311.2	2903.8	3983.8	4925.0	6172.3
-30°	506.6	618.8	756.0	913.8	1136.3	1383.6	1662.4	2015.0	2433.9	2932.7	3602.1
-32.5°	440.8	516.0	618.1	738.9	861.8	1041.6	1211.2	1441.1	1647.6	1905.4	2182.6
-35°	384.6	440.1	505.2	594.6	687.1	791.2	901.0	1042.5	1167.1	1313.2	1450.6
-37.5°	353.7	381.2	427.0	480.5	551.3	619.3	694.4	767.3	829.4	923.4	997.0
-40°	333.0	347.6	372.2	402.0	448.6	490.1	544.6	591.1	634.9	681.3	716.2
-42.5°	318.6	328.5	339.4	357.9	377.9	403.5	436.4	464.2	496.7	527.1	549.1
-45°	309.8	315.6	321.6	331.1	339.4	353.9	367.5	378.9	400.1	419.5	434.7
-47.5°	311.4	309.1	312.1	316.0	319.6	326.2	332.0	337.8	346.7	353.7	359.4
-50°	317.6	313.9	311.9	309.5	309.9	311.5	312.8	315.9	319.7	322.3	324.6
-52.5°	325.5	322.4	318.6	314.5	311.4	308.2	304.9	305.5	306.5	307.3	307.7
-55°	320.1	323.3	326.9	324.1	319.6	315.4	311.7	309.1	306.8	304.6	302.8
-57.5°	299.8	311.0	319.2	321.0	322.7	324.2	323.3	320.6	317.9	315.1	313.0
-60°	270.7	283.8	293.3	301.5	309.0	315.7	318.3	320.8	322.8	324.7	326.9
-62.5°	237.4	249.2	259.9	269.6	278.3	285.2	292.7	299.5	305.6	311.3	316.9
-65°	204.8	215.2	224.7	233.3	241.1	248.5	256.4	263.7	270.2	275.6	279.7
-67.5°	176.0	184.1	191.3	198.3	205.3	211.9	218.2	224.1	229.4	233.5	236.2
-70°	147.8	154.8	160.6	165.9	171.2	176.5	181.7	186.3	190.2	193.4	196.0
-72.5°	120.6	126.0	130.9	135.6	139.8	144.1	148.3	152.1	155.5	158.1	160.1
-75°	95.1	99.2	103.2	106.9	110.3	113.8	117.2	120.3	123.1	125.0	126.3
-77.5°	71.5	74.6	77.6	80.3	82.8	85.1	87.4	89.4	91.2	92.6	93.5
-80°	51.1	53.3	55.3	57.1	58.7	60.1	61.2	62.2	62.9	64.4	65.9
-82.5°	32.7	34.5	36.0	37.5	38.8	39.8	40.8	41.6	42.4	43.0	43.5
-85°	18.0	18.8	19.6	20.5	21.3	21.9	22.5	22.9	23.4	23.7	24.0
-87.5°	7.5	7.4	7.3	7.2	7.0	7.1	7.2	7.3	7.4	7.9	8.3
-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: P559012 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-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°	8.7	9.2	9.2	9.2	9.2	9.2	8.7	8.3	7.9	7.4	7.3
85°	24.2	24.4	25.2	26.0	25.2	24.4	24.2	24.0	23.7	23.4	22.9
82.5°	43.9	44.2	44.3	44.4	44.3	44.2	43.9	43.5	43.0	42.4	41.6
80°	67.3	68.5	68.1	67.4	68.1	68.5	67.3	65.9	64.4	62.9	62.2
77.5°	94.1	94.4	94.0	93.4	94.0	94.4	94.1	93.5	92.6	91.2	89.4
75°	127.3	127.8	128.4	128.6	128.4	127.8	127.3	126.3	125.0	123.1	120.3
72.5°	161.7	162.9	162.9	162.3	162.9	162.9	161.7	160.1	158.1	155.5	152.1
70°	198.0	199.4	200.3	200.6	200.3	199.4	198.0	196.0	193.4	190.2	186.3
67.5°	238.1	239.1	240.0	240.4	240.0	239.1	238.1	236.2	233.5	229.4	224.1
65°	283.2	285.9	286.8	286.4	286.8	285.9	283.2	279.7	275.6	270.2	263.7
62.5°	322.1	326.8	328.7	329.2	328.7	326.8	322.1	316.9	311.3	305.6	299.5
60°	328.8	330.3	330.8	330.8	330.8	330.3	328.8	326.9	324.7	322.8	320.8
57.5°	311.0	309.2	308.1	307.8	308.1	309.2	311.0	313.0	315.1	317.9	320.6
55°	301.1	299.5	298.7	298.6	298.7	299.5	301.1	302.8	304.6	306.8	309.1
52.5°	307.8	307.6	308.2	309.3	308.2	307.6	307.8	307.7	307.3	306.5	305.5
50°	326.6	327.9	329.4	330.8	329.4	327.9	326.6	324.6	322.3	319.7	315.9
47.5°	363.4	365.5	366.7	367.5	366.7	365.5	363.4	359.4	353.7	346.7	337.8
45°	444.6	449.9	452.5	453.3	452.5	449.9	444.6	434.7	419.5	400.1	378.9
42.5°	563.7	571.7	575.1	575.8	575.1	571.7	563.7	549.1	527.1	496.7	464.2
40°	741.2	755.4	762.3	767.2	762.3	755.4	741.2	716.2	681.3	634.9	591.1
37.5°	1052.0	1087.8	1108.1	1125.6	1108.1	1087.8	1052.0	997.0	923.4	829.4	767.3
35°	1562.4	1644.2	1692.4	1702.9	1692.4	1644.2	1562.4	1450.6	1313.2	1167.1	1042.5
32.5°	2396.0	2556.6	2652.6	2664.6	2652.6	2556.6	2396.0	2182.6	1905.4	1647.6	1441.1
30°	4121.7	4571.7	4880.1	4837.6	4880.1	4571.7	4121.7	3602.1	2932.7	2433.9	2015.0
27.5°	7194.1	8010.1	8540.2	8496.1	8540.2	8010.1	7194.1	6172.3	4925.0	3983.8	2903.8
25°	10477.9	11229.0	11672.4	11836.1	11672.4	11229.0	10477.9	9451.4	8116.2	6446.1	4699.5
22.5°	13159.5	13831.0	14214.5	14444.0	14214.5	13831.0	13159.5	12266.4	10969.2	9284.7	7337.0
20°	15214.0	15796.4	16126.2	16267.9	16126.2	15796.4	15214.0	14431.9	13285.7	11835.6	9846.3
17.5°	16794.6	17282.1	17655.6	17751.8	17655.6	17282.1	16794.6	16076.6	15060.5	13786.5	12055.6
15°	18192.8	18822.5	19262.9	19427.1	19262.9	18822.5	18192.8	17348.0	16434.4	15248.8	13751.0
12.5°	19955.8	21050.8	21632.9	21767.1	21632.9	21050.8	19955.8	18771.5	17547.1	16435.8	14993.4
10°	22561.7	24244.8	24435.5	24174.4	24435.5	24244.8	22561.7	20682.6	18846.6	17398.4	15952.0
7.5°	26356.9	28601.2	28115.9	27307.7	28115.9	28601.2	26356.9	22819.2	20171.0	18236.8	16642.8
5°	29072.8	32188.7	32285.4	31692.0	32285.4	32188.7	29072.8	25135.6	21581.8	18994.4	17193.8
2.5°	30154.0	33361.5	34957.9	35219.6	34957.9	33361.5	30154.0	26084.4	22371.6	19442.1	17554.3
0°	30234.9	33739.5	35632.3	36102.4	35632.3	33739.5	30234.9	26258.7	22503.7	19569.6	17689.0
-2.5°	30154.0	33361.5	34957.9	35219.6	34957.9	33361.5	30154.0	26084.4	22371.6	19442.1	17554.3
-5°	29072.8	32188.7	32285.4	31692.0	32285.4	32188.7	29072.8	25135.6	21581.8	18994.4	17193.8
-7.5°	26356.9	28601.2	28115.9	27307.7	28115.9	28601.2	26356.9	22819.2	20171.0	18236.8	16642.8
-10°	22561.7	24244.8	24435.5	24174.4	24435.5	24244.8	22561.7	20682.6	18846.6	17398.4	15952.0
-12.5°	19955.8	21050.8	21632.9	21767.1	21632.9	21050.8	19955.8	18771.5	17547.1	16435.8	14993.4
-15°	18192.8	18822.5	19262.9	19427.1	19262.9	18822.5	18192.8	17348.0	16434.4	15248.8	13751.0
-17.5°	16794.6	17282.1	17655.6	17751.8	17655.6	17282.1	16794.6	16076.6	15060.5	13786.5	12055.6
-20°	15214.0	15796.4	16126.2	16267.9	16126.2	15796.4	15214.0	14431.9	13285.7	11835.6	9846.3



REPORT NUMBER: P559012 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-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°	13159.5	13831.0	14214.5	14444.0	14214.5	13831.0	13159.5	12266.4	10969.2	9284.7	7337.0
-25°	10477.9	11229.0	11672.4	11836.1	11672.4	11229.0	10477.9	9451.4	8116.2	6446.1	4699.5
-27.5°	7194.1	8010.1	8540.2	8496.1	8540.2	8010.1	7194.1	6172.3	4925.0	3983.8	2903.8
-30°	4121.7	4571.7	4880.1	4837.6	4880.1	4571.7	4121.7	3602.1	2932.7	2433.9	2015.0
-32.5°	2396.0	2556.6	2652.6	2664.6	2652.6	2556.6	2396.0	2182.6	1905.4	1647.6	1441.1
-35°	1562.4	1644.2	1692.4	1702.9	1692.4	1644.2	1562.4	1450.6	1313.2	1167.1	1042.5
-37.5°	1052.0	1087.8	1108.1	1125.6	1108.1	1087.8	1052.0	997.0	923.4	829.4	767.3
-40°	741.2	755.4	762.3	767.2	762.3	755.4	741.2	716.2	681.3	634.9	591.1
-42.5°	563.7	571.7	575.1	575.8	575.1	571.7	563.7	549.1	527.1	496.7	464.2
-45°	444.6	449.9	452.5	453.3	452.5	449.9	444.6	434.7	419.5	400.1	378.9
-47.5°	363.4	365.5	366.7	367.5	366.7	365.5	363.4	359.4	353.7	346.7	337.8
-50°	326.6	327.9	329.4	330.8	329.4	327.9	326.6	324.6	322.3	319.7	315.9
-52.5°	307.8	307.6	308.2	309.3	308.2	307.6	307.8	307.7	307.3	306.5	305.5
-55°	301.1	299.5	298.7	298.6	298.7	299.5	301.1	302.8	304.6	306.8	309.1
-57.5°	311.0	309.2	308.1	307.8	308.1	309.2	311.0	313.0	315.1	317.9	320.6
-60°	328.8	330.3	330.8	330.8	330.8	330.3	328.8	326.9	324.7	322.8	320.8
-62.5°	322.1	326.8	328.7	329.2	328.7	326.8	322.1	316.9	311.3	305.6	299.5
-65°	283.2	285.9	286.8	286.4	286.8	285.9	283.2	279.7	275.6	270.2	263.7
-67.5°	238.1	239.1	240.0	240.4	240.0	239.1	238.1	236.2	233.5	229.4	224.1
-70°	198.0	199.4	200.3	200.6	200.3	199.4	198.0	196.0	193.4	190.2	186.3
-72.5°	161.7	162.9	162.9	162.3	162.9	162.9	161.7	160.1	158.1	155.5	152.1
-75°	127.3	127.8	128.4	128.6	128.4	127.8	127.3	126.3	125.0	123.1	120.3
-77.5°	94.1	94.4	94.0	93.4	94.0	94.4	94.1	93.5	92.6	91.2	89.4
-80°	67.3	68.5	68.1	67.4	68.1	68.5	67.3	65.9	64.4	62.9	62.2
-82.5°	43.9	44.2	44.3	44.4	44.3	44.2	43.9	43.5	43.0	42.4	41.6
-85°	24.2	24.4	25.2	26.0	25.2	24.4	24.2	24.0	23.7	23.4	22.9
-87.5°	8.7	9.2	9.2	9.2	9.2	9.2	8.7	8.3	7.9	7.4	7.3
-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: P559012 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-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°	7.2	7.1	7.0	7.2	7.3	7.4	7.5	7.3	7.0	6.8	6.5
85°	22.5	21.9	21.3	20.5	19.6	18.8	18.0	17.3	16.5	15.7	14.9
82.5°	40.8	39.8	38.8	37.5	36.0	34.5	32.7	31.1	29.3	27.5	25.6
80°	61.2	60.1	58.7	57.1	55.3	53.3	51.1	48.6	45.9	43.2	40.6
77.5°	87.4	85.1	82.8	80.3	77.6	74.6	71.5	68.3	65.1	61.7	57.9
75°	117.2	113.8	110.3	106.9	103.2	99.2	95.1	90.9	86.5	81.8	76.6
72.5°	148.3	144.1	139.8	135.6	130.9	126.0	120.6	114.7	108.8	103.0	96.7
70°	181.7	176.5	171.2	165.9	160.6	154.8	147.8	140.0	131.8	124.1	116.8
67.5°	218.2	211.9	205.3	198.3	191.3	184.1	176.0	167.2	157.9	148.2	138.4
65°	256.4	248.5	241.1	233.3	224.7	215.2	204.8	194.7	184.4	173.5	161.9
62.5°	292.7	285.2	278.3	269.6	259.9	249.2	237.4	225.3	212.4	199.0	186.2
60°	318.3	315.7	309.0	301.5	293.3	283.8	270.7	256.9	242.4	227.2	211.5
57.5°	323.3	324.2	322.7	321.0	319.2	311.0	299.8	287.9	272.9	255.7	237.7
55°	311.7	315.4	319.6	324.1	326.9	323.3	320.1	312.7	299.0	284.5	265.2
52.5°	304.9	308.2	311.4	314.5	318.6	322.4	325.5	322.1	319.1	306.7	290.5
50°	312.8	311.5	309.9	309.5	311.9	313.9	317.6	321.9	323.7	320.2	311.1
47.5°	332.0	326.2	319.6	316.0	312.1	309.1	311.4	314.6	320.5	325.2	320.8
45°	367.5	353.9	339.4	331.1	321.6	315.6	309.8	310.7	314.7	320.3	326.2
42.5°	436.4	403.5	377.9	357.9	339.4	328.5	318.6	312.7	311.2	315.5	320.5
40°	544.6	490.1	448.6	402.0	372.2	347.6	333.0	320.5	314.3	312.4	315.3
37.5°	694.4	619.3	551.3	480.5	427.0	381.2	353.7	334.9	321.1	313.9	311.7
35°	901.0	791.2	687.1	594.6	505.2	440.1	384.6	354.4	333.9	319.2	311.0
32.5°	1211.2	1041.6	861.8	738.9	618.1	516.0	440.8	382.5	348.1	328.6	315.7
30°	1662.4	1383.6	1136.3	913.8	756.0	618.8	506.6	426.8	371.0	338.8	321.3
27.5°	2311.2	1816.8	1485.4	1169.8	913.8	741.4	597.4	478.1	398.4	355.5	330.0
25°	3466.4	2499.7	1902.9	1487.6	1143.7	870.9	695.0	551.6	442.5	372.9	337.8
22.5°	5165.3	3664.6	2509.1	1836.9	1409.0	1064.6	807.6	628.3	484.1	398.7	351.7
20°	7617.6	5208.4	3516.0	2371.4	1717.4	1254.6	932.2	714.6	549.0	433.4	365.3
17.5°	9852.7	7369.0	4761.2	3004.5	2102.0	1514.8	1093.7	797.5	604.8	464.3	377.5
15°	11785.8	9239.9	6452.8	4055.1	2515.3	1754.3	1244.5	871.9	657.4	501.3	400.4
12.5°	13158.4	10783.5	8008.2	4962.7	2998.5	2023.3	1422.4	991.3	714.5	537.8	421.3
10°	14302.9	11996.6	9285.6	6172.2	3690.7	2312.7	1580.9	1091.6	762.8	565.9	437.7
7.5°	14995.0	12894.0	10266.4	7192.7	4258.4	2555.6	1711.7	1166.5	801.7	585.9	449.8
5°	15523.6	13534.5	10979.3	7963.1	4725.4	2738.8	1815.6	1216.7	830.0	598.1	457.6
2.5°	15915.5	13901.9	11429.0	8428.6	5017.4	2858.9	1885.1	1252.4	844.0	608.9	464.3
0°	15973.9	14021.4	11456.3	8513.0	4943.3	2914.2	1912.7	1274.1	843.8	614.1	467.1
-2.5°	15915.5	13901.9	11429.0	8428.6	5017.4	2858.9	1885.1	1252.4	844.0	608.9	464.3
-5°	15523.6	13534.5	10979.3	7963.1	4725.4	2738.8	1815.6	1216.7	830.0	598.1	457.6
-7.5°	14995.0	12894.0	10266.4	7192.7	4258.4	2555.6	1711.7	1166.5	801.7	585.9	449.8
-10°	14302.9	11996.6	9285.6	6172.2	3690.7	2312.7	1580.9	1091.6	762.8	565.9	437.7
-12.5°	13158.4	10783.5	8008.2	4962.7	2998.5	2023.3	1422.4	991.3	714.5	537.8	421.3
-15°	11785.8	9239.9	6452.8	4055.1	2515.3	1754.3	1244.5	871.9	657.4	501.3	400.4
-17.5°	9852.7	7369.0	4761.2	3004.5	2102.0	1514.8	1093.7	797.5	604.8	464.3	377.5
-20°	7617.6	5208.4	3516.0	2371.4	1717.4	1254.6	932.2	714.6	549.0	433.4	365.3



REPORT NUMBER: P559012 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-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°	5165.3	3664.6	2509.1	1836.9	1409.0	1064.6	807.6	628.3	484.1	398.7	351.7
-25°	3466.4	2499.7	1902.9	1487.6	1143.7	870.9	695.0	551.6	442.5	372.9	337.8
-27.5°	2311.2	1816.8	1485.4	1169.8	913.8	741.4	597.4	478.1	398.4	355.5	330.0
-30°	1662.4	1383.6	1136.3	913.8	756.0	618.8	506.6	426.8	371.0	338.8	321.3
-32.5°	1211.2	1041.6	861.8	738.9	618.1	516.0	440.8	382.5	348.1	328.6	315.7
-35°	901.0	791.2	687.1	594.6	505.2	440.1	384.6	354.4	333.9	319.2	311.0
-37.5°	694.4	619.3	551.3	480.5	427.0	381.2	353.7	334.9	321.1	313.9	311.7
-40°	544.6	490.1	448.6	402.0	372.2	347.6	333.0	320.5	314.3	312.4	315.3
-42.5°	436.4	403.5	377.9	357.9	339.4	328.5	318.6	312.7	311.2	315.5	320.5
-45°	367.5	353.9	339.4	331.1	321.6	315.6	309.8	310.7	314.7	320.3	326.2
-47.5°	332.0	326.2	319.6	316.0	312.1	309.1	311.4	314.6	320.5	325.2	320.8
-50°	312.8	311.5	309.9	309.5	311.9	313.9	317.6	321.9	323.7	320.2	311.1
-52.5°	304.9	308.2	311.4	314.5	318.6	322.4	325.5	322.1	319.1	306.7	290.5
-55°	311.7	315.4	319.6	324.1	326.9	323.3	320.1	312.7	299.0	284.5	265.2
-57.5°	323.3	324.2	322.7	321.0	319.2	311.0	299.8	287.9	272.9	255.7	237.7
-60°	318.3	315.7	309.0	301.5	293.3	283.8	270.7	256.9	242.4	227.2	211.5
-62.5°	292.7	285.2	278.3	269.6	259.9	249.2	237.4	225.3	212.4	199.0	186.2
-65°	256.4	248.5	241.1	233.3	224.7	215.2	204.8	194.7	184.4	173.5	161.9
-67.5°	218.2	211.9	205.3	198.3	191.3	184.1	176.0	167.2	157.9	148.2	138.4
-70°	181.7	176.5	171.2	165.9	160.6	154.8	147.8	140.0	131.8	124.1	116.8
-72.5°	148.3	144.1	139.8	135.6	130.9	126.0	120.6	114.7	108.8	103.0	96.7
-75°	117.2	113.8	110.3	106.9	103.2	99.2	95.1	90.9	86.5	81.8	76.6
-77.5°	87.4	85.1	82.8	80.3	77.6	74.6	71.5	68.3	65.1	61.7	57.9
-80°	61.2	60.1	58.7	57.1	55.3	53.3	51.1	48.6	45.9	43.2	40.6
-82.5°	40.8	39.8	38.8	37.5	36.0	34.5	32.7	31.1	29.3	27.5	25.6
-85°	22.5	21.9	21.3	20.5	19.6	18.8	18.0	17.3	16.5	15.7	14.9
-87.5°	7.2	7.1	7.0	7.2	7.3	7.4	7.5	7.3	7.0	6.8	6.5
-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: P559012 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-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°	6.2	5.9	5.6	5.3	4.9	4.6	4.2	3.9	3.5	3.1	2.8
85°	14.2	13.3	12.4	11.4	10.3	9.2	8.5	7.8	7.0	6.3	5.5
82.5°	23.9	22.7	21.5	20.2	18.5	16.8	15.0	13.3	11.5	9.6	8.3
80°	38.0	35.4	32.8	30.2	27.3	24.4	22.0	19.7	17.4	15.0	12.4
77.5°	53.7	49.4	45.1	41.4	37.5	33.7	30.0	26.4	23.4	20.5	17.3
75°	70.7	65.3	59.9	54.4	48.6	43.0	38.4	34.0	29.9	25.9	22.2
72.5°	89.9	82.8	75.5	67.8	61.0	54.3	47.6	41.4	36.5	31.7	27.0
70°	109.1	100.9	92.5	83.7	74.5	65.4	57.7	50.3	43.1	37.4	32.0
67.5°	128.4	119.4	109.9	99.6	89.2	78.8	68.1	59.5	51.3	43.1	36.8
65°	150.5	139.0	127.4	116.2	104.3	92.2	80.5	69.2	59.5	50.3	41.5
62.5°	172.9	159.4	146.3	132.9	119.8	106.4	92.7	80.4	67.9	57.4	47.3
60°	195.8	180.8	165.1	150.1	135.3	120.7	105.8	91.4	77.8	64.4	53.4
57.5°	220.2	202.4	185.1	167.6	150.9	134.8	118.6	102.7	87.5	72.7	59.4
55°	244.8	224.9	205.1	185.9	166.7	148.6	131.2	113.8	97.1	81.1	65.3
52.5°	270.8	247.7	225.5	204.1	183.2	162.5	143.8	124.5	106.6	89.3	72.3
50°	293.3	271.1	246.0	222.4	199.5	177.6	156.2	135.8	115.7	97.2	79.2
47.5°	311.8	290.9	266.9	240.4	215.7	192.2	169.2	146.9	124.4	104.9	85.7
45°	319.7	308.0	285.2	258.7	231.7	206.8	182.2	157.8	134.2	112.3	92.0
42.5°	324.2	316.8	300.8	276.1	248.2	221.0	194.6	168.9	143.7	119.4	98.1
40°	319.8	321.1	312.9	290.7	264.4	234.7	207.0	179.7	152.9	126.6	104.1
37.5°	314.6	320.1	316.8	304.9	279.4	249.0	218.8	190.0	161.7	134.4	109.8
35°	311.4	315.4	321.0	313.0	291.7	262.7	230.1	199.9	170.3	141.7	115.2
32.5°	308.7	311.7	317.9	316.6	303.3	275.9	241.5	209.4	178.4	148.5	120.3
30°	311.1	309.4	314.3	319.9	311.8	286.0	252.6	218.2	186.0	154.8	125.3
27.5°	314.7	307.1	311.2	318.4	314.5	295.1	262.7	226.5	193.1	160.8	130.4
25°	318.9	308.6	309.1	315.5	316.9	303.3	272.0	234.1	199.7	166.5	135.1
22.5°	325.5	311.1	307.0	312.7	319.2	310.9	279.6	241.7	205.9	171.7	139.4
20°	331.4	313.1	304.9	310.2	318.8	312.8	285.8	248.5	211.4	176.4	143.2
17.5°	337.6	316.3	306.1	308.4	316.6	314.5	291.4	254.5	216.4	180.5	146.5
15°	347.5	320.6	307.6	306.9	314.6	316.0	296.3	259.6	220.6	184.1	149.4
12.5°	356.0	324.2	308.8	305.7	312.6	317.2	300.7	263.9	224.2	187.1	151.9
10°	362.9	327.1	309.5	304.7	310.8	318.3	304.3	267.7	227.5	189.5	154.0
7.5°	368.1	329.2	309.9	303.9	309.3	319.1	307.6	271.6	230.2	191.2	155.6
5°	371.9	331.5	311.0	303.5	308.5	319.7	310.0	274.8	232.2	192.4	156.8
2.5°	375.2	334.6	312.6	303.3	308.0	320.0	311.6	277.2	233.6	193.0	157.5
0°	376.7	336.9	313.9	303.2	307.8	320.1	312.4	278.7	234.3	193.0	157.7
-2.5°	375.2	334.6	312.6	303.3	308.0	320.0	311.6	277.2	233.6	193.0	157.5
-5°	371.9	331.5	311.0	303.5	308.5	319.7	310.0	274.8	232.2	192.4	156.8
-7.5°	368.1	329.2	309.9	303.9	309.3	319.1	307.6	271.6	230.2	191.2	155.6
-10°	362.9	327.1	309.5	304.7	310.8	318.3	304.3	267.7	227.5	189.5	154.0
-12.5°	356.0	324.2	308.8	305.7	312.6	317.2	300.7	263.9	224.2	187.1	151.9
-15°	347.5	320.6	307.6	306.9	314.6	316.0	296.3	259.6	220.6	184.1	149.4
-17.5°	337.6	316.3	306.1	308.4	316.6	314.5	291.4	254.5	216.4	180.5	146.5
-20°	331.4	313.1	304.9	310.2	318.8	312.8	285.8	248.5	211.4	176.4	143.2



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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°	325.5	311.1	307.0	312.7	319.2	310.9	279.6	241.7	205.9	171.7	139.4
-25°	318.9	308.6	309.1	315.5	316.9	303.3	272.0	234.1	199.7	166.5	135.1
-27.5°	314.7	307.1	311.2	318.4	314.5	295.1	262.7	226.5	193.1	160.8	130.4
-30°	311.1	309.4	314.3	319.9	311.8	286.0	252.6	218.2	186.0	154.8	125.3
-32.5°	308.7	311.7	317.9	316.6	303.3	275.9	241.5	209.4	178.4	148.5	120.3
-35°	311.4	315.4	321.0	313.0	291.7	262.7	230.1	199.9	170.3	141.7	115.2
-37.5°	314.6	320.1	316.8	304.9	279.4	249.0	218.8	190.0	161.7	134.4	109.8
-40°	319.8	321.1	312.9	290.7	264.4	234.7	207.0	179.7	152.9	126.6	104.1
-42.5°	324.2	316.8	300.8	276.1	248.2	221.0	194.6	168.9	143.7	119.4	98.1
-45°	319.7	308.0	285.2	258.7	231.7	206.8	182.2	157.8	134.2	112.3	92.0
-47.5°	311.8	290.9	266.9	240.4	215.7	192.2	169.2	146.9	124.4	104.9	85.7
-50°	293.3	271.1	246.0	222.4	199.5	177.6	156.2	135.8	115.7	97.2	79.2
-52.5°	270.8	247.7	225.5	204.1	183.2	162.5	143.8	124.5	106.6	89.3	72.3
-55°	244.8	224.9	205.1	185.9	166.7	148.6	131.2	113.8	97.1	81.1	65.3
-57.5°	220.2	202.4	185.1	167.6	150.9	134.8	118.6	102.7	87.5	72.7	59.4
-60°	195.8	180.8	165.1	150.1	135.3	120.7	105.8	91.4	77.8	64.4	53.4
-62.5°	172.9	159.4	146.3	132.9	119.8	106.4	92.7	80.4	67.9	57.4	47.3
-65°	150.5	139.0	127.4	116.2	104.3	92.2	80.5	69.2	59.5	50.3	41.5
-67.5°	128.4	119.4	109.9	99.6	89.2	78.8	68.1	59.5	51.3	43.1	36.8
-70°	109.1	100.9	92.5	83.7	74.5	65.4	57.7	50.3	43.1	37.4	32.0
-72.5°	89.9	82.8	75.5	67.8	61.0	54.3	47.6	41.4	36.5	31.7	27.0
-75°	70.7	65.3	59.9	54.4	48.6	43.0	38.4	34.0	29.9	25.9	22.2
-77.5°	53.7	49.4	45.1	41.4	37.5	33.7	30.0	26.4	23.4	20.5	17.3
-80°	38.0	35.4	32.8	30.2	27.3	24.4	22.0	19.7	17.4	15.0	12.4
-82.5°	23.9	22.7	21.5	20.2	18.5	16.8	15.0	13.3	11.5	9.6	8.3
-85°	14.2	13.3	12.4	11.4	10.3	9.2	8.5	7.8	7.0	6.3	5.5
-87.5°	6.2	5.9	5.6	5.3	4.9	4.6	4.2	3.9	3.5	3.1	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):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
85°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
82.5°	7.1	6.0	4.8	3.6	2.4	1.2	0.0
80°	9.7	7.9	6.4	4.8	3.2	1.6	0.0
77.5°	14.0	10.4	7.9	6.0	4.0	2.0	0.0
75°	18.2	13.9	9.7	7.1	4.8	2.4	0.0
72.5°	22.3	17.3	12.4	8.3	5.5	2.8	0.0
70°	26.4	20.6	15.0	9.6	6.3	3.1	0.0
67.5°	30.6	23.9	17.6	11.5	7.0	3.5	0.0
65°	34.7	27.2	20.1	13.3	7.8	3.9	0.0
62.5°	38.7	30.7	22.5	15.1	8.5	4.2	0.0
60°	42.7	34.2	24.9	16.9	9.2	4.6	0.0
57.5°	47.8	37.6	27.7	18.6	10.3	4.9	0.0
55°	52.8	40.9	30.4	20.3	11.5	5.3	0.0
52.5°	57.7	44.3	33.1	21.9	12.6	5.6	0.0
50°	62.5	48.3	35.7	23.5	13.7	5.9	0.0
47.5°	67.2	52.1	38.2	25.0	14.7	6.2	0.0
45°	72.5	55.8	40.6	26.9	15.7	6.5	0.0
42.5°	77.6	59.3	43.0	28.7	16.7	6.8	0.0
40°	82.4	62.7	45.5	30.4	17.6	7.0	0.0
37.5°	86.9	65.9	48.1	32.0	18.5	7.3	0.0
35°	91.1	69.3	50.5	33.6	19.4	7.5	0.0
32.5°	95.2	72.6	52.8	35.0	20.2	7.8	0.0
30°	99.3	75.7	55.0	36.3	20.9	8.0	0.0
27.5°	103.1	78.5	56.8	37.5	21.7	8.2	0.0
25°	106.6	81.1	58.5	38.5	22.3	8.3	0.0
22.5°	109.8	83.3	60.0	39.5	22.9	8.5	0.0
20°	112.7	85.2	61.3	40.3	23.5	8.6	0.0
17.5°	115.3	86.9	62.5	41.0	24.0	8.8	0.0
15°	117.5	88.4	63.5	41.6	24.5	8.9	0.0
12.5°	119.5	89.6	64.3	42.1	24.9	9.0	0.0
10°	121.1	90.6	65.0	42.5	25.2	9.1	0.0
7.5°	122.3	91.3	65.4	42.7	25.5	9.1	0.0
5°	123.3	91.7	65.7	42.9	25.7	9.2	0.0
2.5°	123.8	91.9	65.9	42.9	25.9	9.2	0.0
0°	124.0	91.9	65.8	42.9	26.0	9.2	0.0
-2.5°	123.8	91.9	65.9	42.9	25.9	9.2	0.0
-5°	123.3	91.7	65.7	42.9	25.7	9.2	0.0
-7.5°	122.3	91.3	65.4	42.7	25.5	9.1	0.0
-10°	121.1	90.6	65.0	42.5	25.2	9.1	0.0
-12.5°	119.5	89.6	64.3	42.1	24.9	9.0	0.0
-15°	117.5	88.4	63.5	41.6	24.5	8.9	0.0
-17.5°	115.3	86.9	62.5	41.0	24.0	8.8	0.0
-20°	112.7	85.2	61.3	40.3	23.5	8.6	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	109.8	83.3	60.0	39.5	22.9	8.5	0.0
-25°	106.6	81.1	58.5	38.5	22.3	8.3	0.0
-27.5°	103.1	78.5	56.8	37.5	21.7	8.2	0.0
-30°	99.3	75.7	55.0	36.3	20.9	8.0	0.0
-32.5°	95.2	72.6	52.8	35.0	20.2	7.8	0.0
-35°	91.1	69.3	50.5	33.6	19.4	7.5	0.0
-37.5°	86.9	65.9	48.1	32.0	18.5	7.3	0.0
-40°	82.4	62.7	45.5	30.4	17.6	7.0	0.0
-42.5°	77.6	59.3	43.0	28.7	16.7	6.8	0.0
-45°	72.5	55.8	40.6	26.9	15.7	6.5	0.0
-47.5°	67.2	52.1	38.2	25.0	14.7	6.2	0.0
-50°	62.5	48.3	35.7	23.5	13.7	5.9	0.0
-52.5°	57.7	44.3	33.1	21.9	12.6	5.6	0.0
-55°	52.8	40.9	30.4	20.3	11.5	5.3	0.0
-57.5°	47.8	37.6	27.7	18.6	10.3	4.9	0.0
-60°	42.7	34.2	24.9	16.9	9.2	4.6	0.0
-62.5°	38.7	30.7	22.5	15.1	8.5	4.2	0.0
-65°	34.7	27.2	20.1	13.3	7.8	3.9	0.0
-67.5°	30.6	23.9	17.6	11.5	7.0	3.5	0.0
-70°	26.4	20.6	15.0	9.6	6.3	3.1	0.0
-72.5°	22.3	17.3	12.4	8.3	5.5	2.8	0.0
-75°	18.2	13.9	9.7	7.1	4.8	2.4	0.0
-77.5°	14.0	10.4	7.9	6.0	4.0	2.0	0.0
-80°	9.7	7.9	6.4	4.8	3.2	1.6	0.0
-82.5°	7.1	6.0	4.8	3.6	2.4	1.2	0.0
-85°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
-87.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)