

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: P559023 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-935-U-NR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559023 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-3)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA5B-935-U-NR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3  
Light Source: (80) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

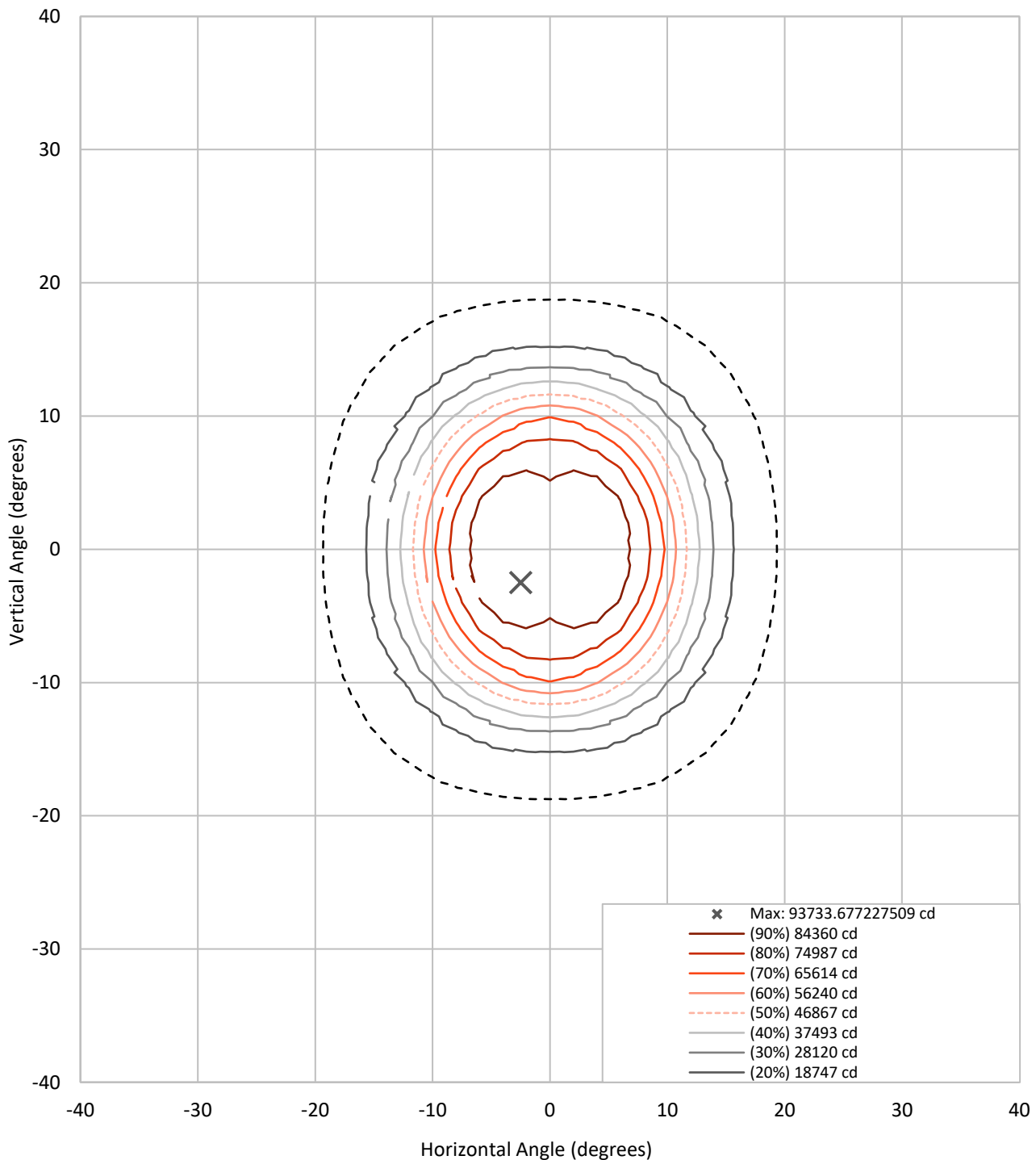
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	17724.9 lumens	Max Intensity:	93733.7 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	95.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	9569.1 lumens	Field Lumens:	14430.7 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 185  
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





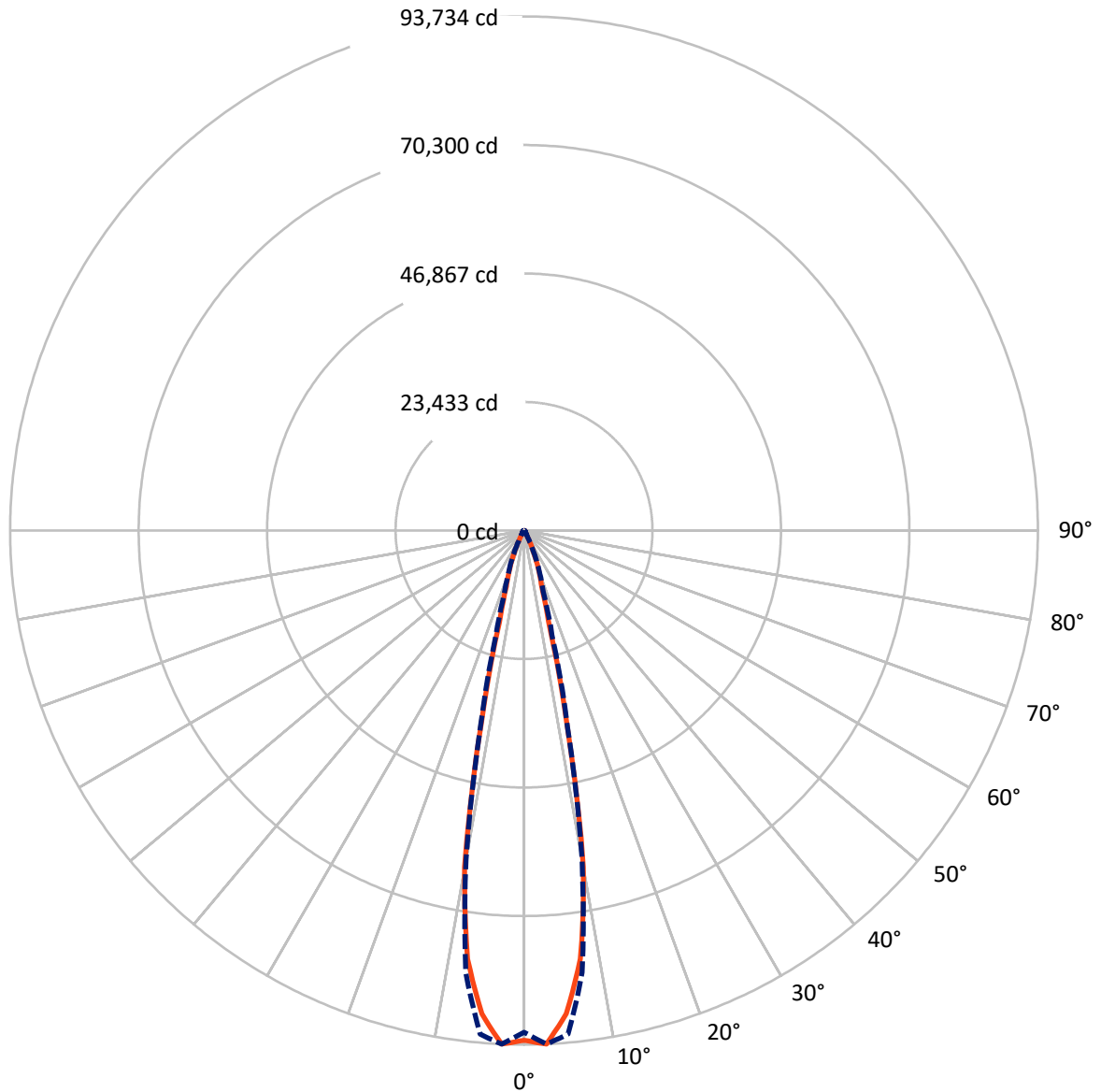
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### Lumen Table

90																
80	0.2	1.8		4.8		7.6		8.9		7.6		4.8		1.8		0.2
70																
60	0.8	0.9	1.9	3.1	4.3	5.3	6.0	6.4	6.4	6.0	5.3	4.3	3.1	1.9	0.9	0.8
50		1.4	2.8	4.4	5.9	7.0	7.8	8.1	8.1	7.8	7.0	5.9	4.4	2.8	1.4	
40	1.5	1.8	3.6	5.3	6.8	8.3	9.6	10.2	10.2	9.6	8.3	6.8	5.3	3.6	1.8	1.5
30		2.2	4.1	6.0	8.1	11.0	14.5	17.4	17.4	14.5	11.0	8.1	6.0	4.1	2.2	
20	2.0	2.5	4.5	6.6	10.0	18.1	54.4	106.1	106.1	54.4	18.1	10.0	6.6	4.5	2.5	2.0
10		2.7	4.7	7.0	12.5	53.8	248.2	638.1	638.1	248.2	53.8	12.5	7.0	4.7	2.7	
0	2.2	2.7	4.7	7.4	15.0	104.7	646.2	2282.9	2282.9	646.2	104.7	15.0	7.4	4.7	2.7	2.2
-10		2.7	4.7	7.4	15.0	104.7	646.2	2282.9	2282.9	646.2	104.7	15.0	7.4	4.7	2.7	
-20	2.0	2.7	4.7	7.0	12.5	53.8	248.2	638.1	638.1	248.2	53.8	12.5	7.0	4.7	2.7	2.0
-30		2.5	4.5	6.6	10.0	18.1	54.4	106.1	106.1	54.4	18.1	10.0	6.6	4.5	2.5	
-40	1.5	2.2	4.1	6.0	8.1	11.0	14.5	17.4	17.4	14.5	11.0	8.1	6.0	4.1	2.2	1.5
-50		1.8	3.6	5.3	6.8	8.3	9.6	10.2	10.2	9.6	8.3	6.8	5.3	3.6	1.8	
-60	0.8	1.4	2.8	4.4	5.9	7.0	7.8	8.1	8.1	7.8	7.0	5.9	4.4	2.8	1.4	0.8
-70		0.9	1.9	3.1	4.3	5.3	6.0	6.4	6.4	6.0	5.3	4.3	3.1	1.9	0.9	
-80																
-90	0.2	1.8		4.8		7.6		8.9		7.6		4.8		1.8		0.2

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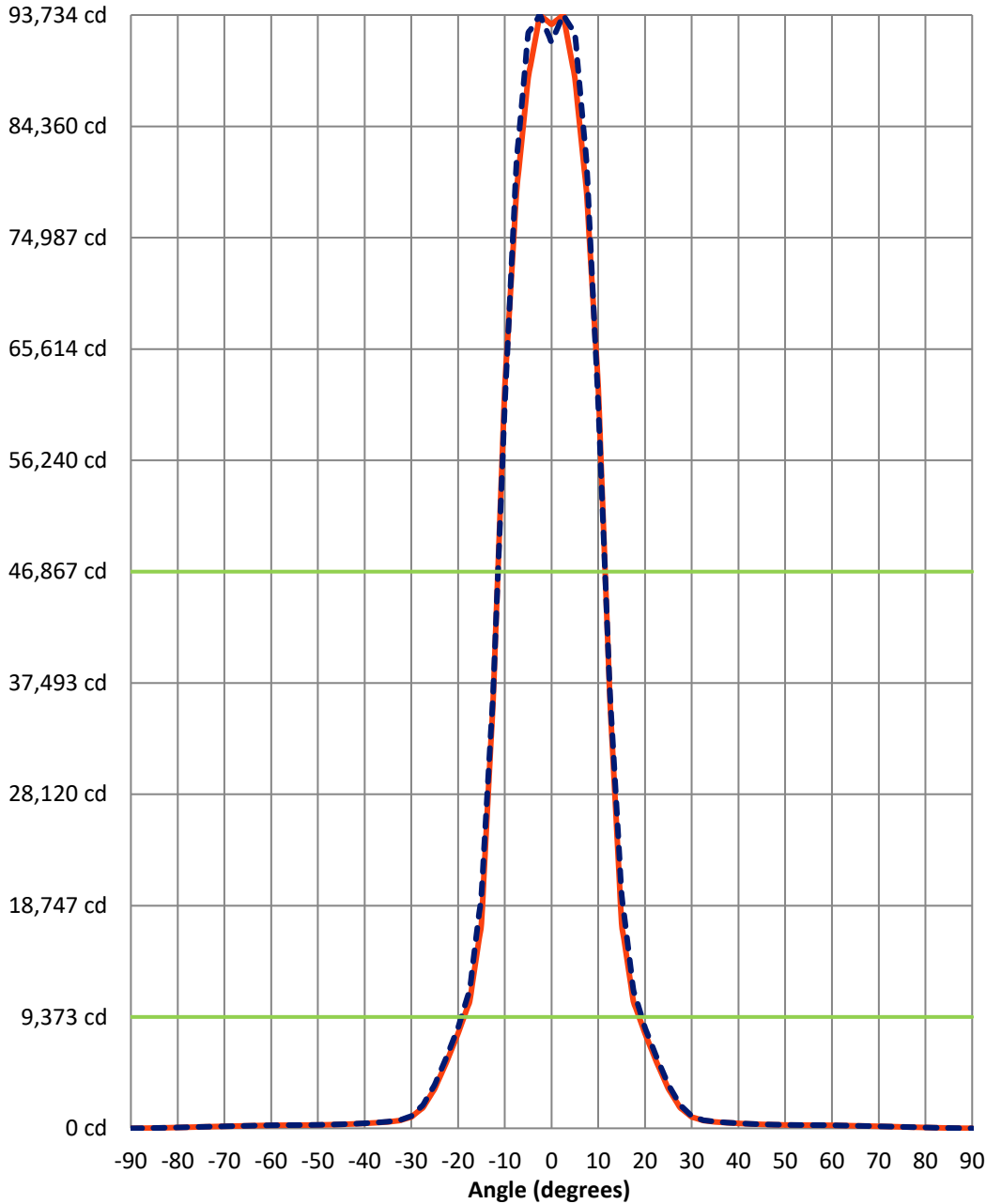
### Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg    - - - Horizontal Distribution Through -2.5-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 22.9°  
 V Angle: 22.9°  
 Lumens: 9569.1  
 Efficiency: 54.0%

**Field:**  
 H Angle: 38.6°  
 V Angle: 37.5°  
 Lumens: 14430.7  
 Efficiency: 81.4%

**Spill:**  
 Lumens: 3294.2  
 Efficiency: 18.6%

— Vertical Distribution through -2.5-Deg  
 - - Horizontal Distribution through -2.5-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	1.7	2.1	2.6	3.0	3.4	3.8	4.2
85°	0.0	0.9	1.7	2.6	3.4	4.3	5.1	5.9	6.8	7.6	8.4
82.5°	0.0	1.3	2.6	3.9	5.1	6.4	7.7	8.9	10.3	12.2	14.3
80°	0.0	1.7	3.4	5.1	6.8	8.5	10.4	12.9	15.6	18.4	21.2
77.5°	0.0	2.1	4.3	6.4	8.5	11.0	14.2	17.5	20.9	24.4	28.2
75°	0.0	2.6	5.1	7.7	10.4	14.3	18.0	21.9	26.2	31.1	35.8
72.5°	0.0	3.0	5.9	8.9	13.0	17.5	21.8	26.7	32.5	38.1	43.3
70°	0.0	3.4	6.8	10.3	15.7	20.7	25.7	32.2	38.8	45.0	52.3
67.5°	0.0	3.8	7.6	12.3	18.2	23.9	30.5	37.8	45.0	53.3	61.6
65°	0.0	4.2	8.4	14.2	20.8	27.4	35.2	43.2	52.3	61.6	70.9
62.5°	0.0	4.6	9.1	16.1	23.3	31.2	39.8	49.3	59.5	69.8	80.4
60°	0.0	4.9	9.9	18.0	25.8	34.9	44.3	55.4	66.6	78.2	89.8
57.5°	0.0	5.3	11.1	19.9	28.6	38.5	49.4	61.5	73.8	86.5	99.0
55°	0.0	5.7	12.3	21.7	31.4	42.0	54.4	67.4	81.0	94.6	108.0
52.5°	0.0	6.0	13.5	23.4	34.0	45.5	59.3	73.5	88.0	102.5	116.8
50°	0.0	6.4	14.6	25.1	36.6	49.4	64.1	79.5	94.8	110.1	125.6
47.5°	0.0	6.7	15.7	26.8	39.1	53.2	68.7	85.3	101.4	117.5	134.1
45°	0.0	7.0	16.8	28.6	41.5	56.9	73.6	91.0	107.8	125.1	142.5
42.5°	0.0	7.3	17.8	30.3	43.7	60.4	78.2	96.4	114.0	132.4	150.0
40°	0.0	7.6	18.7	31.9	46.1	63.8	82.8	101.5	120.0	139.4	157.0
37.5°	0.0	7.9	19.6	33.4	48.7	67.0	87.1	106.5	125.9	145.8	163.6
35°	0.0	8.1	20.5	34.8	51.1	70.2	91.2	111.1	131.4	151.3	169.9
32.5°	0.0	8.3	21.3	36.2	53.4	73.4	95.0	115.5	136.6	156.5	176.1
30°	0.0	8.6	22.0	37.4	55.5	76.4	98.6	119.7	141.4	161.4	181.7
27.5°	0.0	8.8	22.7	38.6	57.5	79.3	101.8	123.6	145.7	165.9	186.7
25°	0.0	9.0	23.4	39.6	59.4	81.9	104.9	127.2	149.4	170.1	191.2
22.5°	0.0	9.1	24.0	40.6	61.1	84.3	107.6	130.4	152.7	173.9	195.2
20°	0.0	9.3	24.5	41.5	62.7	86.5	110.2	133.3	155.8	177.1	198.7
17.5°	0.0	9.4	25.0	42.2	64.2	88.4	112.3	135.9	158.5	179.9	201.8
15°	0.0	9.6	25.4	42.9	65.5	90.0	114.2	138.1	160.8	182.3	204.4
12.5°	0.0	9.7	25.7	43.5	66.6	91.4	115.8	140.0	162.8	184.2	206.6
10°	0.0	9.7	26.0	44.0	67.6	92.5	117.1	141.5	164.5	186.1	208.4
7.5°	0.0	9.8	26.2	44.3	68.3	93.4	118.1	142.7	165.7	187.8	209.7
5°	0.0	9.9	26.4	44.6	68.9	94.0	118.8	143.5	166.7	189.2	210.5
2.5°	0.0	9.9	26.5	44.7	69.4	94.4	119.3	144.0	167.2	190.1	210.8
0°	0.0	9.9	26.5	44.8	69.6	94.5	119.4	144.2	167.4	190.7	210.6
-2.5°	0.0	9.9	26.5	44.8	69.6	94.5	119.4	144.2	167.4	190.7	210.6
-5°	0.0	9.9	26.4	44.6	68.9	94.0	118.8	143.5	166.7	189.2	210.5
-7.5°	0.0	9.8	26.2	44.3	68.3	93.4	118.1	142.7	165.7	187.8	209.7
-10°	0.0	9.7	26.0	44.0	67.6	92.5	117.1	141.5	164.5	186.1	208.4
-12.5°	0.0	9.7	25.7	43.5	66.6	91.4	115.8	140.0	162.8	184.2	206.6
-15°	0.0	9.6	25.4	42.9	65.5	90.0	114.2	138.1	160.8	182.3	204.4
-17.5°	0.0	9.4	25.0	42.2	64.2	88.4	112.3	135.9	158.5	179.9	201.8
-20°	0.0	9.3	24.5	41.5	62.7	86.5	110.2	133.3	155.8	177.1	198.7



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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	9.1	24.0	40.6	61.1	84.3	107.6	130.4	152.7	173.9	195.2
-25°	0.0	9.0	23.4	39.6	59.4	81.9	104.9	127.2	149.4	170.1	191.2
-27.5°	0.0	8.8	22.7	38.6	57.5	79.3	101.8	123.6	145.7	165.9	186.7
-30°	0.0	8.6	22.0	37.4	55.5	76.4	98.6	119.7	141.4	161.4	181.7
-32.5°	0.0	8.3	21.3	36.2	53.4	73.4	95.0	115.5	136.6	156.5	176.1
-35°	0.0	8.1	20.5	34.8	51.1	70.2	91.2	111.1	131.4	151.3	169.9
-37.5°	0.0	7.9	19.6	33.4	48.7	67.0	87.1	106.5	125.9	145.8	163.6
-40°	0.0	7.6	18.7	31.9	46.1	63.8	82.8	101.5	120.0	139.4	157.0
-42.5°	0.0	7.3	17.8	30.3	43.7	60.4	78.2	96.4	114.0	132.4	150.0
-45°	0.0	7.0	16.8	28.6	41.5	56.9	73.6	91.0	107.8	125.1	142.5
-47.5°	0.0	6.7	15.7	26.8	39.1	53.2	68.7	85.3	101.4	117.5	134.1
-50°	0.0	6.4	14.6	25.1	36.6	49.4	64.1	79.5	94.8	110.1	125.6
-52.5°	0.0	6.0	13.5	23.4	34.0	45.5	59.3	73.5	88.0	102.5	116.8
-55°	0.0	5.7	12.3	21.7	31.4	42.0	54.4	67.4	81.0	94.6	108.0
-57.5°	0.0	5.3	11.1	19.9	28.6	38.5	49.4	61.5	73.8	86.5	99.0
-60°	0.0	4.9	9.9	18.0	25.8	34.9	44.3	55.4	66.6	78.2	89.8
-62.5°	0.0	4.6	9.1	16.1	23.3	31.2	39.8	49.3	59.5	69.8	80.4
-65°	0.0	4.2	8.4	14.2	20.8	27.4	35.2	43.2	52.3	61.6	70.9
-67.5°	0.0	3.8	7.6	12.3	18.2	23.9	30.5	37.8	45.0	53.3	61.6
-70°	0.0	3.4	6.8	10.3	15.7	20.7	25.7	32.2	38.8	45.0	52.3
-72.5°	0.0	3.0	5.9	8.9	13.0	17.5	21.8	26.7	32.5	38.1	43.3
-75°	0.0	2.6	5.1	7.7	10.4	14.3	18.0	21.9	26.2	31.1	35.8
-77.5°	0.0	2.1	4.3	6.4	8.5	11.0	14.2	17.5	20.9	24.4	28.2
-80°	0.0	1.7	3.4	5.1	6.8	8.5	10.4	12.9	15.6	18.4	21.2
-82.5°	0.0	1.3	2.6	3.9	5.1	6.4	7.7	8.9	10.3	12.2	14.3
-85°	0.0	0.9	1.7	2.6	3.4	4.3	5.1	5.9	6.8	7.6	8.4
-87.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.0	3.4	3.8	4.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.6	4.9	5.3	5.7	6.0	6.4	6.7	7.0	7.3	7.6	7.9
85°	9.1	9.9	11.0	12.1	13.1	13.9	14.7	15.4	16.4	17.4	18.4
82.5°	16.1	17.8	19.3	20.7	21.9	23.0	24.2	25.8	27.9	29.9	31.7
80°	23.5	25.6	28.1	30.6	33.2	35.8	38.4	41.0	43.2	45.4	47.7
77.5°	31.7	35.0	38.4	41.9	45.5	49.4	53.2	56.9	60.3	63.6	66.9
75°	40.1	44.3	49.4	54.4	59.3	64.1	68.7	73.4	77.9	82.2	86.3
72.5°	49.3	55.4	61.5	67.4	73.8	79.8	85.5	90.8	96.3	101.8	107.0
70°	59.5	66.6	74.1	81.8	89.3	96.0	102.7	109.6	116.5	122.4	127.5
67.5°	69.8	78.4	87.2	95.9	104.2	112.0	120.1	127.7	134.8	140.9	146.7
65°	80.5	90.2	99.9	109.3	118.5	127.7	136.5	144.8	152.4	159.4	165.9
62.5°	90.9	101.6	112.1	122.6	133.3	143.4	152.6	161.4	169.8	177.2	184.3
60°	101.3	112.8	124.3	136.0	147.6	158.3	168.2	177.3	185.9	194.2	201.5
57.5°	111.4	123.7	136.3	148.9	161.1	172.7	182.7	192.4	201.2	209.5	217.2
55°	121.3	134.4	147.9	161.2	173.9	185.8	196.6	206.3	215.6	223.3	230.6
52.5°	131.1	144.8	159.0	172.8	185.8	198.2	209.3	219.1	227.7	235.6	242.0
50°	140.7	155.1	169.6	183.7	197.1	209.6	220.9	230.4	238.5	245.7	251.8
47.5°	149.8	164.9	179.4	194.0	207.5	220.0	231.1	240.0	248.0	254.4	260.1
45°	158.3	174.1	189.2	203.4	217.2	229.5	239.8	248.7	256.0	262.5	268.2
42.5°	166.5	183.0	198.3	212.4	226.0	237.9	247.9	256.2	263.7	270.1	276.4
40°	174.4	191.6	207.0	221.0	234.3	245.5	254.9	263.3	270.7	278.0	284.8
37.5°	182.0	199.4	215.4	229.6	241.3	252.2	261.4	269.9	278.2	286.1	295.3
35°	189.3	207.0	223.1	237.0	248.5	258.1	267.6	276.8	286.3	296.3	307.1
32.5°	196.1	214.2	230.5	243.4	254.1	263.7	273.6	284.7	296.0	307.4	320.6
30°	202.1	220.8	237.2	249.2	259.1	268.7	280.4	293.0	306.3	319.4	334.8
27.5°	207.4	226.9	242.2	253.8	263.6	272.9	285.8	302.2	316.6	330.6	347.6
25°	212.2	231.9	246.9	257.8	267.0	276.9	290.3	307.2	325.3	340.6	364.3
22.5°	216.4	236.3	251.1	261.3	269.6	280.3	293.9	310.5	329.2	348.5	381.2
20°	220.1	239.6	254.7	264.2	271.5	282.7	295.9	312.8	333.6	361.5	397.7
17.5°	223.2	242.9	257.5	266.2	274.0	284.5	296.5	314.2	338.3	373.1	412.9
15°	225.9	246.2	259.7	267.8	275.9	286.2	299.3	317.7	345.5	383.9	426.8
12.5°	228.2	249.2	261.6	269.2	277.1	287.5	302.3	323.3	354.0	394.7	442.1
10°	229.9	252.1	263.1	270.2	277.7	288.4	304.8	327.6	361.1	404.7	455.7
7.5°	231.6	254.4	264.3	271.0	277.8	288.8	306.9	330.8	366.3	412.9	467.2
5°	232.8	255.8	265.4	271.5	277.7	289.0	308.4	332.7	369.6	419.1	475.7
2.5°	233.5	256.7	266.3	271.8	277.4	289.0	309.6	336.0	373.6	423.8	480.9
0°	233.8	257.0	266.9	271.9	276.9	288.5	310.0	338.2	376.3	426.1	482.5
-2.5°	233.5	256.7	266.3	271.8	277.4	289.0	309.6	336.0	373.6	423.8	480.9
-5°	232.8	255.8	265.4	271.5	277.7	289.0	308.4	332.7	369.6	419.1	475.7
-7.5°	231.6	254.4	264.3	271.0	277.8	288.8	306.9	330.8	366.3	412.9	467.2
-10°	229.9	252.1	263.1	270.2	277.7	288.4	304.8	327.6	361.1	404.7	455.7
-12.5°	228.2	249.2	261.6	269.2	277.1	287.5	302.3	323.3	354.0	394.7	442.1
-15°	225.9	246.2	259.7	267.8	275.9	286.2	299.3	317.7	345.5	383.9	426.8
-17.5°	223.2	242.9	257.5	266.2	274.0	284.5	296.5	314.2	338.3	373.1	412.9
-20°	220.1	239.6	254.7	264.2	271.5	282.7	295.9	312.8	333.6	361.5	397.7



REPORT NUMBER: P559023 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-935-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	216.4	236.3	251.1	261.3	269.6	280.3	293.9	310.5	329.2	348.5	381.2
-25°	212.2	231.9	246.9	257.8	267.0	276.9	290.3	307.2	325.3	340.6	364.3
-27.5°	207.4	226.9	242.2	253.8	263.6	272.9	285.8	302.2	316.6	330.6	347.6
-30°	202.1	220.8	237.2	249.2	259.1	268.7	280.4	293.0	306.3	319.4	334.8
-32.5°	196.1	214.2	230.5	243.4	254.1	263.7	273.6	284.7	296.0	307.4	320.6
-35°	189.3	207.0	223.1	237.0	248.5	258.1	267.6	276.8	286.3	296.3	307.1
-37.5°	182.0	199.4	215.4	229.6	241.3	252.2	261.4	269.9	278.2	286.1	295.3
-40°	174.4	191.6	207.0	221.0	234.3	245.5	254.9	263.3	270.7	278.0	284.8
-42.5°	166.5	183.0	198.3	212.4	226.0	237.9	247.9	256.2	263.7	270.1	276.4
-45°	158.3	174.1	189.2	203.4	217.2	229.5	239.8	248.7	256.0	262.5	268.2
-47.5°	149.8	164.9	179.4	194.0	207.5	220.0	231.1	240.0	248.0	254.4	260.1
-50°	140.7	155.1	169.6	183.7	197.1	209.6	220.9	230.4	238.5	245.7	251.8
-52.5°	131.1	144.8	159.0	172.8	185.8	198.2	209.3	219.1	227.7	235.6	242.0
-55°	121.3	134.4	147.9	161.2	173.9	185.8	196.6	206.3	215.6	223.3	230.6
-57.5°	111.4	123.7	136.3	148.9	161.1	172.7	182.7	192.4	201.2	209.5	217.2
-60°	101.3	112.8	124.3	136.0	147.6	158.3	168.2	177.3	185.9	194.2	201.5
-62.5°	90.9	101.6	112.1	122.6	133.3	143.4	152.6	161.4	169.8	177.2	184.3
-65°	80.5	90.2	99.9	109.3	118.5	127.7	136.5	144.8	152.4	159.4	165.9
-67.5°	69.8	78.4	87.2	95.9	104.2	112.0	120.1	127.7	134.8	140.9	146.7
-70°	59.5	66.6	74.1	81.8	89.3	96.0	102.7	109.6	116.5	122.4	127.5
-72.5°	49.3	55.4	61.5	67.4	73.8	79.8	85.5	90.8	96.3	101.8	107.0
-75°	40.1	44.3	49.4	54.4	59.3	64.1	68.7	73.4	77.9	82.2	86.3
-77.5°	31.7	35.0	38.4	41.9	45.5	49.4	53.2	56.9	60.3	63.6	66.9
-80°	23.5	25.6	28.1	30.6	33.2	35.8	38.4	41.0	43.2	45.4	47.7
-82.5°	16.1	17.8	19.3	20.7	21.9	23.0	24.2	25.8	27.9	29.9	31.7
-85°	9.1	9.9	11.0	12.1	13.1	13.9	14.7	15.4	16.4	17.4	18.4
-87.5°	4.6	4.9	5.3	5.7	6.0	6.4	6.7	7.0	7.3	7.6	7.9
-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: P559023 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-935-U-NR-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°	8.1	8.0	7.9	7.7	7.5	8.0	8.5	9.1	9.6	9.7	9.7
85°	19.5	20.1	20.7	21.2	21.8	22.4	23.0	23.5	23.9	24.6	25.2
82.5°	33.2	34.5	35.8	36.9	38.0	39.2	40.5	41.6	42.7	43.4	43.9
80°	49.9	52.1	54.2	56.0	57.6	59.5	61.5	63.2	64.8	65.8	66.6
77.5°	70.1	72.9	75.5	77.9	80.3	82.5	84.4	86.0	87.2	88.7	90.1
75°	90.2	93.9	97.5	100.7	103.5	106.0	108.2	110.3	112.2	113.9	115.3
72.5°	111.7	115.9	119.7	123.2	126.5	129.7	132.7	135.4	137.7	139.7	141.3
70°	132.3	136.9	141.5	145.8	149.8	153.4	156.6	159.5	162.0	164.2	165.9
67.5°	152.2	157.4	162.7	167.5	171.9	175.7	179.3	182.7	185.8	188.2	189.8
65°	172.0	177.9	183.5	188.5	192.9	196.8	201.0	204.6	207.6	209.9	211.4
62.5°	191.3	197.6	203.0	208.2	213.1	217.3	220.9	224.1	227.2	229.6	231.2
60°	208.4	215.0	220.3	225.2	229.7	233.9	237.4	240.8	244.0	246.9	249.0
57.5°	223.6	229.7	235.2	239.5	243.6	247.3	250.7	253.5	255.8	257.5	259.0
55°	236.9	242.3	247.4	251.7	255.2	258.2	260.7	262.8	264.3	265.5	266.3
52.5°	248.2	253.2	258.2	262.4	265.1	267.6	269.7	272.2	273.6	273.8	273.7
50°	257.2	262.6	267.1	270.8	274.5	278.7	283.1	285.3	286.1	285.5	284.8
47.5°	265.5	270.7	275.7	280.3	285.7	292.7	299.9	303.2	302.9	301.4	300.7
45°	273.7	279.4	285.2	292.3	299.9	309.0	317.2	322.4	322.4	322.6	323.8
42.5°	282.2	289.3	297.2	306.9	316.8	327.0	335.8	342.3	347.1	353.0	357.9
40°	292.7	300.6	312.4	324.4	337.4	348.2	361.8	373.6	383.2	392.0	398.7
37.5°	305.0	316.3	331.3	346.8	363.5	380.4	396.4	411.3	424.0	438.5	449.3
35°	319.7	335.9	354.1	373.5	394.3	415.7	436.2	460.0	480.9	499.6	514.9
32.5°	337.0	356.5	378.7	404.5	430.5	458.8	488.4	518.9	548.3	579.0	609.6
30°	354.3	380.0	408.5	439.7	470.3	507.2	545.7	595.7	648.0	707.7	799.5
27.5°	375.4	406.1	439.2	475.1	517.3	564.5	638.7	731.0	888.5	1006.3	1322.6
25°	396.0	431.0	473.6	520.2	576.8	663.2	840.5	1045.6	1502.5	1930.3	2424.4
22.5°	416.9	460.6	511.6	568.4	666.8	889.2	1226.9	1845.5	2551.3	3300.3	4063.3
20°	438.0	489.4	553.3	648.2	854.1	1234.6	1992.8	2986.7	3989.6	5214.6	6274.0
17.5°	461.7	525.4	608.9	751.8	1090.9	1906.3	3027.8	4406.9	5958.8	7533.7	8856.1
15°	481.4	555.9	667.8	947.0	1587.2	2669.0	4136.5	6006.1	8122.1	10113.1	11811.5
12.5°	503.0	589.8	736.9	1105.4	2045.0	3467.4	5401.4	7702.0	10240.5	12968.7	17288.3
10°	523.0	623.9	852.8	1434.3	2572.8	4274.2	6534.2	9126.4	12204.9	17667.2	27878.2
7.5°	539.8	650.9	940.0	1679.4	3050.6	5035.3	7457.6	10344.3	14972.8	24149.7	41332.4
5°	551.3	668.9	1000.6	1862.8	3431.1	5596.8	8048.0	11146.3	17796.6	32073.8	52763.4
2.5°	559.3	678.6	1032.9	1969.7	3671.9	5968.5	8466.2	11686.0	19692.4	36657.2	60897.8
0°	565.3	681.4	1039.5	2062.4	3753.5	6094.5	8486.8	11830.8	20342.5	38446.8	63796.2
-2.5°	559.3	678.6	1032.9	1969.7	3671.9	5968.5	8466.2	11686.0	19692.4	36657.2	60897.8
-5°	551.3	668.9	1000.6	1862.8	3431.1	5596.8	8048.0	11146.3	17796.6	32073.8	52763.4
-7.5°	539.8	650.9	940.0	1679.4	3050.6	5035.3	7457.6	10344.3	14972.8	24149.7	41332.4
-10°	523.0	623.9	852.8	1434.3	2572.8	4274.2	6534.2	9126.4	12204.9	17667.2	27878.2
-12.5°	503.0	589.8	736.9	1105.4	2045.0	3467.4	5401.4	7702.0	10240.5	12968.7	17288.3
-15°	481.4	555.9	667.8	947.0	1587.2	2669.0	4136.5	6006.1	8122.1	10113.1	11811.5
-17.5°	461.7	525.4	608.9	751.8	1090.9	1906.3	3027.8	4406.9	5958.8	7533.7	8856.1
-20°	438.0	489.4	553.3	648.2	854.1	1234.6	1992.8	2986.7	3989.6	5214.6	6274.0



REPORT NUMBER: P559023 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-935-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	416.9	460.6	511.6	568.4	666.8	889.2	1226.9	1845.5	2551.3	3300.3	4063.3
-25°	396.0	431.0	473.6	520.2	576.8	663.2	840.5	1045.6	1502.5	1930.3	2424.4
-27.5°	375.4	406.1	439.2	475.1	517.3	564.5	638.7	731.0	888.5	1006.3	1322.6
-30°	354.3	380.0	408.5	439.7	470.3	507.2	545.7	595.7	648.0	707.7	799.5
-32.5°	337.0	356.5	378.7	404.5	430.5	458.8	488.4	518.9	548.3	579.0	609.6
-35°	319.7	335.9	354.1	373.5	394.3	415.7	436.2	460.0	480.9	499.6	514.9
-37.5°	305.0	316.3	331.3	346.8	363.5	380.4	396.4	411.3	424.0	438.5	449.3
-40°	292.7	300.6	312.4	324.4	337.4	348.2	361.8	373.6	383.2	392.0	398.7
-42.5°	282.2	289.3	297.2	306.9	316.8	327.0	335.8	342.3	347.1	353.0	357.9
-45°	273.7	279.4	285.2	292.3	299.9	309.0	317.2	322.4	322.4	322.6	323.8
-47.5°	265.5	270.7	275.7	280.3	285.7	292.7	299.9	303.2	302.9	301.4	300.7
-50°	257.2	262.6	267.1	270.8	274.5	278.7	283.1	285.3	286.1	285.5	284.8
-52.5°	248.2	253.2	258.2	262.4	265.1	267.6	269.7	272.2	273.6	273.8	273.7
-55°	236.9	242.3	247.4	251.7	255.2	258.2	260.7	262.8	264.3	265.5	266.3
-57.5°	223.6	229.7	235.2	239.5	243.6	247.3	250.7	253.5	255.8	257.5	259.0
-60°	208.4	215.0	220.3	225.2	229.7	233.9	237.4	240.8	244.0	246.9	249.0
-62.5°	191.3	197.6	203.0	208.2	213.1	217.3	220.9	224.1	227.2	229.6	231.2
-65°	172.0	177.9	183.5	188.5	192.9	196.8	201.0	204.6	207.6	209.9	211.4
-67.5°	152.2	157.4	162.7	167.5	171.9	175.7	179.3	182.7	185.8	188.2	189.8
-70°	132.3	136.9	141.5	145.8	149.8	153.4	156.6	159.5	162.0	164.2	165.9
-72.5°	111.7	115.9	119.7	123.2	126.5	129.7	132.7	135.4	137.7	139.7	141.3
-75°	90.2	93.9	97.5	100.7	103.5	106.0	108.2	110.3	112.2	113.9	115.3
-77.5°	70.1	72.9	75.5	77.9	80.3	82.5	84.4	86.0	87.2	88.7	90.1
-80°	49.9	52.1	54.2	56.0	57.6	59.5	61.5	63.2	64.8	65.8	66.6
-82.5°	33.2	34.5	35.8	36.9	38.0	39.2	40.5	41.6	42.7	43.4	43.9
-85°	19.5	20.1	20.7	21.2	21.8	22.4	23.0	23.5	23.9	24.6	25.2
-87.5°	8.1	8.0	7.9	7.7	7.5	8.0	8.5	9.1	9.6	9.7	9.7
-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: P559023 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-935-U-NR-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°	9.8	9.9	9.9	9.9	9.9	9.9	9.8	9.7	9.7	9.6	9.1
85°	25.8	26.4	25.7	24.9	25.7	26.4	25.8	25.2	24.6	23.9	23.5
82.5°	44.3	44.6	44.7	44.8	44.7	44.6	44.3	43.9	43.4	42.7	41.6
80°	67.2	67.6	68.7	69.6	68.7	67.6	67.2	66.6	65.8	64.8	63.2
77.5°	91.3	92.3	92.7	92.8	92.7	92.3	91.3	90.1	88.7	87.2	86.0
75°	116.4	117.1	119.1	121.0	119.1	117.1	116.4	115.3	113.9	112.2	110.3
72.5°	142.6	143.5	144.8	145.9	144.8	143.5	142.6	141.3	139.7	137.7	135.4
70°	167.3	168.3	168.9	169.1	168.9	168.3	167.3	165.9	164.2	162.0	159.5
67.5°	190.9	191.5	191.4	190.7	191.4	191.5	190.9	189.8	188.2	185.8	182.7
65°	212.5	213.1	212.9	212.2	212.9	213.1	212.5	211.4	209.9	207.6	204.6
62.5°	232.3	233.0	233.6	233.8	233.6	233.0	232.3	231.2	229.6	227.2	224.1
60°	251.0	252.6	253.4	253.7	253.4	252.6	251.0	249.0	246.9	244.0	240.8
57.5°	260.3	261.3	261.8	261.9	261.8	261.3	260.3	259.0	257.5	255.8	253.5
55°	266.7	266.8	266.2	265.3	266.2	266.8	266.7	266.3	265.5	264.3	262.8
52.5°	273.1	272.2	271.8	271.9	271.8	272.2	273.1	273.7	273.8	273.6	272.2
50°	283.9	282.3	281.6	281.8	281.6	282.3	283.9	284.8	285.5	286.1	285.3
47.5°	301.7	302.3	303.0	303.4	303.0	302.3	301.7	300.7	301.4	302.9	303.2
45°	327.2	329.5	331.0	331.6	331.0	329.5	327.2	323.8	322.6	322.4	322.4
42.5°	362.9	365.7	366.8	366.4	366.8	365.7	362.9	357.9	353.0	347.1	342.3
40°	405.7	411.3	414.5	414.5	414.5	411.3	405.7	398.7	392.0	383.2	373.6
37.5°	459.1	466.6	470.3	469.2	470.3	466.6	459.1	449.3	438.5	424.0	411.3
35°	526.5	533.9	536.9	540.5	536.9	533.9	526.5	514.9	499.6	480.9	460.0
32.5°	633.7	648.8	654.8	646.6	654.8	648.8	633.7	609.6	579.0	548.3	518.9
30°	861.6	916.6	953.4	971.5	953.4	916.6	861.6	799.5	707.7	648.0	595.7
27.5°	1540.2	1684.3	1745.2	1778.9	1745.2	1684.3	1540.2	1322.6	1006.3	888.5	731.0
25°	2847.5	3155.0	3331.9	3317.5	3331.9	3155.0	2847.5	2424.4	1930.3	1502.5	1045.6
22.5°	4772.2	5257.2	5548.2	5655.1	5548.2	5257.2	4772.2	4063.3	3300.3	2551.3	1845.5
20°	7158.3	7702.2	7986.6	8029.2	7986.6	7702.2	7158.3	6274.0	5214.6	3989.6	2986.7
17.5°	9896.8	10412.5	10712.1	10708.4	10712.1	10412.5	9896.8	8856.1	7533.7	5958.8	4406.9
15°	14124.6	16120.4	17245.8	17081.4	17245.8	16120.4	14124.6	11811.5	10113.1	8122.1	6006.1
12.5°	23144.1	31115.5	36060.2	37281.3	36060.2	31115.5	23144.1	17288.3	12968.7	10240.5	7702.0
10°	40898.6	52824.5	62348.6	65100.9	62348.6	52824.5	40898.6	27878.2	17667.2	12204.9	9126.4
7.5°	58830.0	72984.0	78809.0	79485.8	78809.0	72984.0	58830.0	41332.4	24149.7	14972.8	10344.3
5°	72364.6	86766.9	88433.8	84246.4	88433.8	86766.9	72364.6	52763.4	32073.8	17796.6	11146.3
2.5°	81298.7	92179.8	93733.7	91479.9	93733.7	92179.8	81298.7	60897.8	36657.2	19692.4	11686.0
0°	83336.2	90740.4	92947.9	93189.2	92947.9	90740.4	83336.2	63796.2	38446.8	20342.5	11830.8
-2.5°	81298.7	92179.8	93733.7	91479.9	93733.7	92179.8	81298.7	60897.8	36657.2	19692.4	11686.0
-5°	72364.6	86766.9	88433.8	84246.4	88433.8	86766.9	72364.6	52763.4	32073.8	17796.6	11146.3
-7.5°	58830.0	72984.0	78809.0	79485.8	78809.0	72984.0	58830.0	41332.4	24149.7	14972.8	10344.3
-10°	40898.6	52824.5	62348.6	65100.9	62348.6	52824.5	40898.6	27878.2	17667.2	12204.9	9126.4
-12.5°	23144.1	31115.5	36060.2	37281.3	36060.2	31115.5	23144.1	17288.3	12968.7	10240.5	7702.0
-15°	14124.6	16120.4	17245.8	17081.4	17245.8	16120.4	14124.6	11811.5	10113.1	8122.1	6006.1
-17.5°	9896.8	10412.5	10712.1	10708.4	10712.1	10412.5	9896.8	8856.1	7533.7	5958.8	4406.9
-20°	7158.3	7702.2	7986.6	8029.2	7986.6	7702.2	7158.3	6274.0	5214.6	3989.6	2986.7



REPORT NUMBER: P559023 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-935-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4772.2	5257.2	5548.2	5655.1	5548.2	5257.2	4772.2	4063.3	3300.3	2551.3	1845.5
-25°	2847.5	3155.0	3331.9	3317.5	3331.9	3155.0	2847.5	2424.4	1930.3	1502.5	1045.6
-27.5°	1540.2	1684.3	1745.2	1778.9	1745.2	1684.3	1540.2	1322.6	1006.3	888.5	731.0
-30°	861.6	916.6	953.4	971.5	953.4	916.6	861.6	799.5	707.7	648.0	595.7
-32.5°	633.7	648.8	654.8	646.6	654.8	648.8	633.7	609.6	579.0	548.3	518.9
-35°	526.5	533.9	536.9	540.5	536.9	533.9	526.5	514.9	499.6	480.9	460.0
-37.5°	459.1	466.6	470.3	469.2	470.3	466.6	459.1	449.3	438.5	424.0	411.3
-40°	405.7	411.3	414.5	414.5	414.5	411.3	405.7	398.7	392.0	383.2	373.6
-42.5°	362.9	365.7	366.8	366.4	366.8	365.7	362.9	357.9	353.0	347.1	342.3
-45°	327.2	329.5	331.0	331.6	331.0	329.5	327.2	323.8	322.6	322.4	322.4
-47.5°	301.7	302.3	303.0	303.4	303.0	302.3	301.7	300.7	301.4	302.9	303.2
-50°	283.9	282.3	281.6	281.8	281.6	282.3	283.9	284.8	285.5	286.1	285.3
-52.5°	273.1	272.2	271.8	271.9	271.8	272.2	273.1	273.7	273.8	273.6	272.2
-55°	266.7	266.8	266.2	265.3	266.2	266.8	266.7	266.3	265.5	264.3	262.8
-57.5°	260.3	261.3	261.8	261.9	261.8	261.3	260.3	259.0	257.5	255.8	253.5
-60°	251.0	252.6	253.4	253.7	253.4	252.6	251.0	249.0	246.9	244.0	240.8
-62.5°	232.3	233.0	233.6	233.8	233.6	233.0	232.3	231.2	229.6	227.2	224.1
-65°	212.5	213.1	212.9	212.2	212.9	213.1	212.5	211.4	209.9	207.6	204.6
-67.5°	190.9	191.5	191.4	190.7	191.4	191.5	190.9	189.8	188.2	185.8	182.7
-70°	167.3	168.3	168.9	169.1	168.9	168.3	167.3	165.9	164.2	162.0	159.5
-72.5°	142.6	143.5	144.8	145.9	144.8	143.5	142.6	141.3	139.7	137.7	135.4
-75°	116.4	117.1	119.1	121.0	119.1	117.1	116.4	115.3	113.9	112.2	110.3
-77.5°	91.3	92.3	92.7	92.8	92.7	92.3	91.3	90.1	88.7	87.2	86.0
-80°	67.2	67.6	68.7	69.6	68.7	67.6	67.2	66.6	65.8	64.8	63.2
-82.5°	44.3	44.6	44.7	44.8	44.7	44.6	44.3	43.9	43.4	42.7	41.6
-85°	25.8	26.4	25.7	24.9	25.7	26.4	25.8	25.2	24.6	23.9	23.5
-87.5°	9.8	9.9	9.9	9.9	9.9	9.9	9.8	9.7	9.7	9.6	9.1
-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: P559023 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-935-U-NR-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°	8.5	8.0	7.5	7.7	7.9	8.0	8.1	7.9	7.6	7.3	7.0
85°	23.0	22.4	21.8	21.2	20.7	20.1	19.5	18.4	17.4	16.4	15.4
82.5°	40.5	39.2	38.0	36.9	35.8	34.5	33.2	31.7	29.9	27.9	25.8
80°	61.5	59.5	57.6	56.0	54.2	52.1	49.9	47.7	45.4	43.2	41.0
77.5°	84.4	82.5	80.3	77.9	75.5	72.9	70.1	66.9	63.6	60.3	56.9
75°	108.2	106.0	103.5	100.7	97.5	93.9	90.2	86.3	82.2	77.9	73.4
72.5°	132.7	129.7	126.5	123.2	119.7	115.9	111.7	107.0	101.8	96.3	90.8
70°	156.6	153.4	149.8	145.8	141.5	136.9	132.3	127.5	122.4	116.5	109.6
67.5°	179.3	175.7	171.9	167.5	162.7	157.4	152.2	146.7	140.9	134.8	127.7
65°	201.0	196.8	192.9	188.5	183.5	177.9	172.0	165.9	159.4	152.4	144.8
62.5°	220.9	217.3	213.1	208.2	203.0	197.6	191.3	184.3	177.2	169.8	161.4
60°	237.4	233.9	229.7	225.2	220.3	215.0	208.4	201.5	194.2	185.9	177.3
57.5°	250.7	247.3	243.6	239.5	235.2	229.7	223.6	217.2	209.5	201.2	192.4
55°	260.7	258.2	255.2	251.7	247.4	242.3	236.9	230.6	223.3	215.6	206.3
52.5°	269.7	267.6	265.1	262.4	258.2	253.2	248.2	242.0	235.6	227.7	219.1
50°	283.1	278.7	274.5	270.8	267.1	262.6	257.2	251.8	245.7	238.5	230.4
47.5°	299.9	292.7	285.7	280.3	275.7	270.7	265.5	260.1	254.4	248.0	240.0
45°	317.2	309.0	299.9	292.3	285.2	279.4	273.7	268.2	262.5	256.0	248.7
42.5°	335.8	327.0	316.8	306.9	297.2	289.3	282.2	276.4	270.1	263.7	256.2
40°	361.8	348.2	337.4	324.4	312.4	300.6	292.7	284.8	278.0	270.7	263.3
37.5°	396.4	380.4	363.5	346.8	331.3	316.3	305.0	295.3	286.1	278.2	269.9
35°	436.2	415.7	394.3	373.5	354.1	335.9	319.7	307.1	296.3	286.3	276.8
32.5°	488.4	458.8	430.5	404.5	378.7	356.5	337.0	320.6	307.4	296.0	284.7
30°	545.7	507.2	470.3	439.7	408.5	380.0	354.3	334.8	319.4	306.3	293.0
27.5°	638.7	564.5	517.3	475.1	439.2	406.1	375.4	347.6	330.6	316.6	302.2
25°	840.5	663.2	576.8	520.2	473.6	431.0	396.0	364.3	340.6	325.3	307.2
22.5°	1226.9	889.2	666.8	568.4	511.6	460.6	416.9	381.2	348.5	329.2	310.5
20°	1992.8	1234.6	854.1	648.2	553.3	489.4	438.0	397.7	361.5	333.6	312.8
17.5°	3027.8	1906.3	1090.9	751.8	608.9	525.4	461.7	412.9	373.1	338.3	314.2
15°	4136.5	2669.0	1587.2	947.0	667.8	555.9	481.4	426.8	383.9	345.5	317.7
12.5°	5401.4	3467.4	2045.0	1105.4	736.9	589.8	503.0	442.1	394.7	354.0	323.3
10°	6534.2	4274.2	2572.8	1434.3	852.8	623.9	523.0	455.7	404.7	361.1	327.6
7.5°	7457.6	5035.3	3050.6	1679.4	940.0	650.9	539.8	467.2	412.9	366.3	330.8
5°	8048.0	5596.8	3431.1	1862.8	1000.6	668.9	551.3	475.7	419.1	369.6	332.7
2.5°	8466.2	5968.5	3671.9	1969.7	1032.9	678.6	559.3	480.9	423.8	373.6	336.0
0°	8486.8	6094.5	3753.5	2062.4	1039.5	681.4	565.3	482.5	426.1	376.3	338.2
-2.5°	8466.2	5968.5	3671.9	1969.7	1032.9	678.6	559.3	480.9	423.8	373.6	336.0
-5°	8048.0	5596.8	3431.1	1862.8	1000.6	668.9	551.3	475.7	419.1	369.6	332.7
-7.5°	7457.6	5035.3	3050.6	1679.4	940.0	650.9	539.8	467.2	412.9	366.3	330.8
-10°	6534.2	4274.2	2572.8	1434.3	852.8	623.9	523.0	455.7	404.7	361.1	327.6
-12.5°	5401.4	3467.4	2045.0	1105.4	736.9	589.8	503.0	442.1	394.7	354.0	323.3
-15°	4136.5	2669.0	1587.2	947.0	667.8	555.9	481.4	426.8	383.9	345.5	317.7
-17.5°	3027.8	1906.3	1090.9	751.8	608.9	525.4	461.7	412.9	373.1	338.3	314.2
-20°	1992.8	1234.6	854.1	648.2	553.3	489.4	438.0	397.7	361.5	333.6	312.8



REPORT NUMBER: P559023 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-935-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1226.9	889.2	666.8	568.4	511.6	460.6	416.9	381.2	348.5	329.2	310.5
-25°	840.5	663.2	576.8	520.2	473.6	431.0	396.0	364.3	340.6	325.3	307.2
-27.5°	638.7	564.5	517.3	475.1	439.2	406.1	375.4	347.6	330.6	316.6	302.2
-30°	545.7	507.2	470.3	439.7	408.5	380.0	354.3	334.8	319.4	306.3	293.0
-32.5°	488.4	458.8	430.5	404.5	378.7	356.5	337.0	320.6	307.4	296.0	284.7
-35°	436.2	415.7	394.3	373.5	354.1	335.9	319.7	307.1	296.3	286.3	276.8
-37.5°	396.4	380.4	363.5	346.8	331.3	316.3	305.0	295.3	286.1	278.2	269.9
-40°	361.8	348.2	337.4	324.4	312.4	300.6	292.7	284.8	278.0	270.7	263.3
-42.5°	335.8	327.0	316.8	306.9	297.2	289.3	282.2	276.4	270.1	263.7	256.2
-45°	317.2	309.0	299.9	292.3	285.2	279.4	273.7	268.2	262.5	256.0	248.7
-47.5°	299.9	292.7	285.7	280.3	275.7	270.7	265.5	260.1	254.4	248.0	240.0
-50°	283.1	278.7	274.5	270.8	267.1	262.6	257.2	251.8	245.7	238.5	230.4
-52.5°	269.7	267.6	265.1	262.4	258.2	253.2	248.2	242.0	235.6	227.7	219.1
-55°	260.7	258.2	255.2	251.7	247.4	242.3	236.9	230.6	223.3	215.6	206.3
-57.5°	250.7	247.3	243.6	239.5	235.2	229.7	223.6	217.2	209.5	201.2	192.4
-60°	237.4	233.9	229.7	225.2	220.3	215.0	208.4	201.5	194.2	185.9	177.3
-62.5°	220.9	217.3	213.1	208.2	203.0	197.6	191.3	184.3	177.2	169.8	161.4
-65°	201.0	196.8	192.9	188.5	183.5	177.9	172.0	165.9	159.4	152.4	144.8
-67.5°	179.3	175.7	171.9	167.5	162.7	157.4	152.2	146.7	140.9	134.8	127.7
-70°	156.6	153.4	149.8	145.8	141.5	136.9	132.3	127.5	122.4	116.5	109.6
-72.5°	132.7	129.7	126.5	123.2	119.7	115.9	111.7	107.0	101.8	96.3	90.8
-75°	108.2	106.0	103.5	100.7	97.5	93.9	90.2	86.3	82.2	77.9	73.4
-77.5°	84.4	82.5	80.3	77.9	75.5	72.9	70.1	66.9	63.6	60.3	56.9
-80°	61.5	59.5	57.6	56.0	54.2	52.1	49.9	47.7	45.4	43.2	41.0
-82.5°	40.5	39.2	38.0	36.9	35.8	34.5	33.2	31.7	29.9	27.9	25.8
-85°	23.0	22.4	21.8	21.2	20.7	20.1	19.5	18.4	17.4	16.4	15.4
-87.5°	8.5	8.0	7.5	7.7	7.9	8.0	8.1	7.9	7.6	7.3	7.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P559023 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-935-U-NR-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°	6.7	6.4	6.0	5.7	5.3	4.9	4.6	4.2	3.8	3.4	3.0
85°	14.7	13.9	13.1	12.1	11.0	9.9	9.1	8.4	7.6	6.8	5.9
82.5°	24.2	23.0	21.9	20.7	19.3	17.8	16.1	14.3	12.2	10.3	8.9
80°	38.4	35.8	33.2	30.6	28.1	25.6	23.5	21.2	18.4	15.6	12.9
77.5°	53.2	49.4	45.5	41.9	38.4	35.0	31.7	28.2	24.4	20.9	17.5
75°	68.7	64.1	59.3	54.4	49.4	44.3	40.1	35.8	31.1	26.2	21.9
72.5°	85.5	79.8	73.8	67.4	61.5	55.4	49.3	43.3	38.1	32.5	26.7
70°	102.7	96.0	89.3	81.8	74.1	66.6	59.5	52.3	45.0	38.8	32.2
67.5°	120.1	112.0	104.2	95.9	87.2	78.4	69.8	61.6	53.3	45.0	37.8
65°	136.5	127.7	118.5	109.3	99.9	90.2	80.5	70.9	61.6	52.3	43.2
62.5°	152.6	143.4	133.3	122.6	112.1	101.6	90.9	80.4	69.8	59.5	49.3
60°	168.2	158.3	147.6	136.0	124.3	112.8	101.3	89.8	78.2	66.6	55.4
57.5°	182.7	172.7	161.1	148.9	136.3	123.7	111.4	99.0	86.5	73.8	61.5
55°	196.6	185.8	173.9	161.2	147.9	134.4	121.3	108.0	94.6	81.0	67.4
52.5°	209.3	198.2	185.8	172.8	159.0	144.8	131.1	116.8	102.5	88.0	73.5
50°	220.9	209.6	197.1	183.7	169.6	155.1	140.7	125.6	110.1	94.8	79.5
47.5°	231.1	220.0	207.5	194.0	179.4	164.9	149.8	134.1	117.5	101.4	85.3
45°	239.8	229.5	217.2	203.4	189.2	174.1	158.3	142.5	125.1	107.8	91.0
42.5°	247.9	237.9	226.0	212.4	198.3	183.0	166.5	150.0	132.4	114.0	96.4
40°	254.9	245.5	234.3	221.0	207.0	191.6	174.4	157.0	139.4	120.0	101.5
37.5°	261.4	252.2	241.3	229.6	215.4	199.4	182.0	163.6	145.8	125.9	106.5
35°	267.6	258.1	248.5	237.0	223.1	207.0	189.3	169.9	151.3	131.4	111.1
32.5°	273.6	263.7	254.1	243.4	230.5	214.2	196.1	176.1	156.5	136.6	115.5
30°	280.4	268.7	259.1	249.2	237.2	220.8	202.1	181.7	161.4	141.4	119.7
27.5°	285.8	272.9	263.6	253.8	242.2	226.9	207.4	186.7	165.9	145.7	123.6
25°	290.3	276.9	267.0	257.8	246.9	231.9	212.2	191.2	170.1	149.4	127.2
22.5°	293.9	280.3	269.6	261.3	251.1	236.3	216.4	195.2	173.9	152.7	130.4
20°	295.9	282.7	271.5	264.2	254.7	239.6	220.1	198.7	177.1	155.8	133.3
17.5°	296.5	284.5	274.0	266.2	257.5	242.9	223.2	201.8	179.9	158.5	135.9
15°	299.3	286.2	275.9	267.8	259.7	246.2	225.9	204.4	182.3	160.8	138.1
12.5°	302.3	287.5	277.1	269.2	261.6	249.2	228.2	206.6	184.2	162.8	140.0
10°	304.8	288.4	277.7	270.2	263.1	252.1	229.9	208.4	186.1	164.5	141.5
7.5°	306.9	288.8	277.8	271.0	264.3	254.4	231.6	209.7	187.8	165.7	142.7
5°	308.4	289.0	277.7	271.5	265.4	255.8	232.8	210.5	189.2	166.7	143.5
2.5°	309.6	289.0	277.4	271.8	266.3	256.7	233.5	210.8	190.1	167.2	144.0
0°	310.0	288.5	276.9	271.9	266.9	257.0	233.8	210.6	190.7	167.4	144.2
-2.5°	309.6	289.0	277.4	271.8	266.3	256.7	233.5	210.8	190.1	167.2	144.0
-5°	308.4	289.0	277.7	271.5	265.4	255.8	232.8	210.5	189.2	166.7	143.5
-7.5°	306.9	288.8	277.8	271.0	264.3	254.4	231.6	209.7	187.8	165.7	142.7
-10°	304.8	288.4	277.7	270.2	263.1	252.1	229.9	208.4	186.1	164.5	141.5
-12.5°	302.3	287.5	277.1	269.2	261.6	249.2	228.2	206.6	184.2	162.8	140.0
-15°	299.3	286.2	275.9	267.8	259.7	246.2	225.9	204.4	182.3	160.8	138.1
-17.5°	296.5	284.5	274.0	266.2	257.5	242.9	223.2	201.8	179.9	158.5	135.9
-20°	295.9	282.7	271.5	264.2	254.7	239.6	220.1	198.7	177.1	155.8	133.3



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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°	293.9	280.3	269.6	261.3	251.1	236.3	216.4	195.2	173.9	152.7	130.4
-25°	290.3	276.9	267.0	257.8	246.9	231.9	212.2	191.2	170.1	149.4	127.2
-27.5°	285.8	272.9	263.6	253.8	242.2	226.9	207.4	186.7	165.9	145.7	123.6
-30°	280.4	268.7	259.1	249.2	237.2	220.8	202.1	181.7	161.4	141.4	119.7
-32.5°	273.6	263.7	254.1	243.4	230.5	214.2	196.1	176.1	156.5	136.6	115.5
-35°	267.6	258.1	248.5	237.0	223.1	207.0	189.3	169.9	151.3	131.4	111.1
-37.5°	261.4	252.2	241.3	229.6	215.4	199.4	182.0	163.6	145.8	125.9	106.5
-40°	254.9	245.5	234.3	221.0	207.0	191.6	174.4	157.0	139.4	120.0	101.5
-42.5°	247.9	237.9	226.0	212.4	198.3	183.0	166.5	150.0	132.4	114.0	96.4
-45°	239.8	229.5	217.2	203.4	189.2	174.1	158.3	142.5	125.1	107.8	91.0
-47.5°	231.1	220.0	207.5	194.0	179.4	164.9	149.8	134.1	117.5	101.4	85.3
-50°	220.9	209.6	197.1	183.7	169.6	155.1	140.7	125.6	110.1	94.8	79.5
-52.5°	209.3	198.2	185.8	172.8	159.0	144.8	131.1	116.8	102.5	88.0	73.5
-55°	196.6	185.8	173.9	161.2	147.9	134.4	121.3	108.0	94.6	81.0	67.4
-57.5°	182.7	172.7	161.1	148.9	136.3	123.7	111.4	99.0	86.5	73.8	61.5
-60°	168.2	158.3	147.6	136.0	124.3	112.8	101.3	89.8	78.2	66.6	55.4
-62.5°	152.6	143.4	133.3	122.6	112.1	101.6	90.9	80.4	69.8	59.5	49.3
-65°	136.5	127.7	118.5	109.3	99.9	90.2	80.5	70.9	61.6	52.3	43.2
-67.5°	120.1	112.0	104.2	95.9	87.2	78.4	69.8	61.6	53.3	45.0	37.8
-70°	102.7	96.0	89.3	81.8	74.1	66.6	59.5	52.3	45.0	38.8	32.2
-72.5°	85.5	79.8	73.8	67.4	61.5	55.4	49.3	43.3	38.1	32.5	26.7
-75°	68.7	64.1	59.3	54.4	49.4	44.3	40.1	35.8	31.1	26.2	21.9
-77.5°	53.2	49.4	45.5	41.9	38.4	35.0	31.7	28.2	24.4	20.9	17.5
-80°	38.4	35.8	33.2	30.6	28.1	25.6	23.5	21.2	18.4	15.6	12.9
-82.5°	24.2	23.0	21.9	20.7	19.3	17.8	16.1	14.3	12.2	10.3	8.9
-85°	14.7	13.9	13.1	12.1	11.0	9.9	9.1	8.4	7.6	6.8	5.9
-87.5°	6.7	6.4	6.0	5.7	5.3	4.9	4.6	4.2	3.8	3.4	3.0
-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°	2.6	2.1	1.7	1.3	0.9	0.4	0.0
85°	5.1	4.3	3.4	2.6	1.7	0.9	0.0
82.5°	7.7	6.4	5.1	3.9	2.6	1.3	0.0
80°	10.4	8.5	6.8	5.1	3.4	1.7	0.0
77.5°	14.2	11.0	8.5	6.4	4.3	2.1	0.0
75°	18.0	14.3	10.4	7.7	5.1	2.6	0.0
72.5°	21.8	17.5	13.0	8.9	5.9	3.0	0.0
70°	25.7	20.7	15.7	10.3	6.8	3.4	0.0
67.5°	30.5	23.9	18.2	12.3	7.6	3.8	0.0
65°	35.2	27.4	20.8	14.2	8.4	4.2	0.0
62.5°	39.8	31.2	23.3	16.1	9.1	4.6	0.0
60°	44.3	34.9	25.8	18.0	9.9	4.9	0.0
57.5°	49.4	38.5	28.6	19.9	11.1	5.3	0.0
55°	54.4	42.0	31.4	21.7	12.3	5.7	0.0
52.5°	59.3	45.5	34.0	23.4	13.5	6.0	0.0
50°	64.1	49.4	36.6	25.1	14.6	6.4	0.0
47.5°	68.7	53.2	39.1	26.8	15.7	6.7	0.0
45°	73.6	56.9	41.5	28.6	16.8	7.0	0.0
42.5°	78.2	60.4	43.7	30.3	17.8	7.3	0.0
40°	82.8	63.8	46.1	31.9	18.7	7.6	0.0
37.5°	87.1	67.0	48.7	33.4	19.6	7.9	0.0
35°	91.2	70.2	51.1	34.8	20.5	8.1	0.0
32.5°	95.0	73.4	53.4	36.2	21.3	8.3	0.0
30°	98.6	76.4	55.5	37.4	22.0	8.6	0.0
27.5°	101.8	79.3	57.5	38.6	22.7	8.8	0.0
25°	104.9	81.9	59.4	39.6	23.4	9.0	0.0
22.5°	107.6	84.3	61.1	40.6	24.0	9.1	0.0
20°	110.2	86.5	62.7	41.5	24.5	9.3	0.0
17.5°	112.3	88.4	64.2	42.2	25.0	9.4	0.0
15°	114.2	90.0	65.5	42.9	25.4	9.6	0.0
12.5°	115.8	91.4	66.6	43.5	25.7	9.7	0.0
10°	117.1	92.5	67.6	44.0	26.0	9.7	0.0
7.5°	118.1	93.4	68.3	44.3	26.2	9.8	0.0
5°	118.8	94.0	68.9	44.6	26.4	9.9	0.0
2.5°	119.3	94.4	69.4	44.7	26.5	9.9	0.0
0°	119.4	94.5	69.6	44.8	26.5	9.9	0.0
-2.5°	119.3	94.4	69.4	44.7	26.5	9.9	0.0
-5°	118.8	94.0	68.9	44.6	26.4	9.9	0.0
-7.5°	118.1	93.4	68.3	44.3	26.2	9.8	0.0
-10°	117.1	92.5	67.6	44.0	26.0	9.7	0.0
-12.5°	115.8	91.4	66.6	43.5	25.7	9.7	0.0
-15°	114.2	90.0	65.5	42.9	25.4	9.6	0.0
-17.5°	112.3	88.4	64.2	42.2	25.0	9.4	0.0
-20°	110.2	86.5	62.7	41.5	24.5	9.3	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	107.6	84.3	61.1	40.6	24.0	9.1	0.0
-25°	104.9	81.9	59.4	39.6	23.4	9.0	0.0
-27.5°	101.8	79.3	57.5	38.6	22.7	8.8	0.0
-30°	98.6	76.4	55.5	37.4	22.0	8.6	0.0
-32.5°	95.0	73.4	53.4	36.2	21.3	8.3	0.0
-35°	91.2	70.2	51.1	34.8	20.5	8.1	0.0
-37.5°	87.1	67.0	48.7	33.4	19.6	7.9	0.0
-40°	82.8	63.8	46.1	31.9	18.7	7.6	0.0
-42.5°	78.2	60.4	43.7	30.3	17.8	7.3	0.0
-45°	73.6	56.9	41.5	28.6	16.8	7.0	0.0
-47.5°	68.7	53.2	39.1	26.8	15.7	6.7	0.0
-50°	64.1	49.4	36.6	25.1	14.6	6.4	0.0
-52.5°	59.3	45.5	34.0	23.4	13.5	6.0	0.0
-55°	54.4	42.0	31.4	21.7	12.3	5.7	0.0
-57.5°	49.4	38.5	28.6	19.9	11.1	5.3	0.0
-60°	44.3	34.9	25.8	18.0	9.9	4.9	0.0
-62.5°	39.8	31.2	23.3	16.1	9.1	4.6	0.0
-65°	35.2	27.4	20.8	14.2	8.4	4.2	0.0
-67.5°	30.5	23.9	18.2	12.3	7.6	3.8	0.0
-70°	25.7	20.7	15.7	10.3	6.8	3.4	0.0
-72.5°	21.8	17.5	13.0	8.9	5.9	3.0	0.0
-75°	18.0	14.3	10.4	7.7	5.1	2.6	0.0
-77.5°	14.2	11.0	8.5	6.4	4.3	2.1	0.0
-80°	10.4	8.5	6.8	5.1	3.4	1.7	0.0
-82.5°	7.7	6.4	5.1	3.9	2.6	1.3	0.0
-85°	5.1	4.3	3.4	2.6	1.7	0.9	0.0
-87.5°	2.6	2.1	1.7	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)