

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: P559024 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559024 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)  
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-TS-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, TIGHT SPOT N2  
Light Source: (80) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

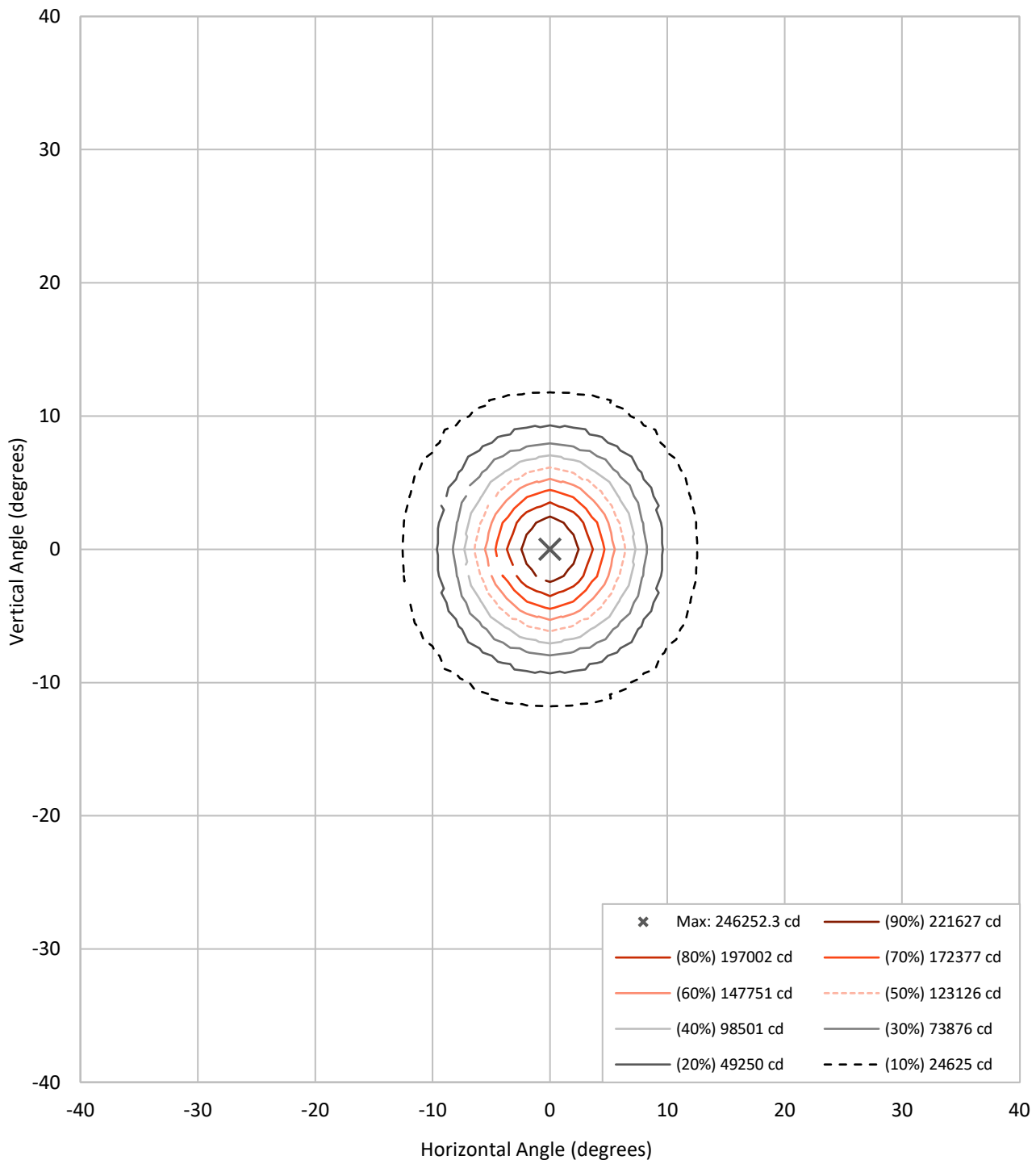
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	17850 lumens	Max Intensity:	246252.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	96.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	5640.3 lumens	Field Lumens:	12495.3 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

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





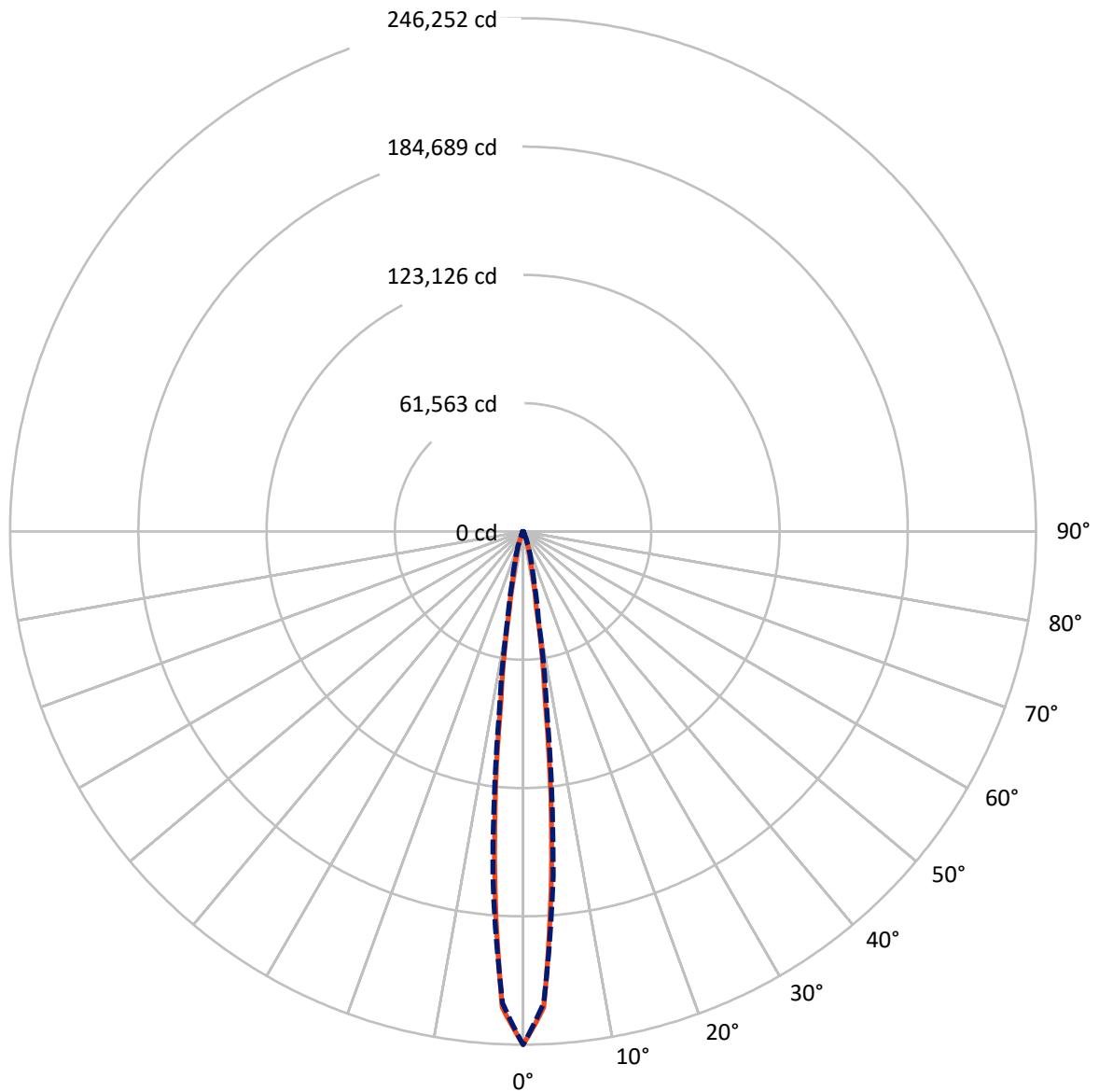
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### Lumen Table

90	0.3	2.1		5.7		9.2		10.7		9.2		5.7		2.1		0.3			
80	0.3	2.1		5.7		9.2		10.7		9.2		5.7		2.1		0.3			
70	0.9	1.1	2.3	3.8	5.2	6.4	7.3	7.8	7.8	7.3	6.4	5.2	3.8	2.3	1.1	0.9			
60		1.7	3.4	5.2	6.8	8.0	8.8	9.1	9.1	8.8	8.0	6.8	5.2	3.4	1.7				
50	1.7	2.2	4.2	6.1	7.6	8.9	9.9	10.4	10.4	9.9	8.9	7.6	6.1	4.2	2.2	1.7			
40		2.7	4.7	6.6	8.4	10.9	13.6	15.4	15.4	13.6	10.9	8.4	6.6	4.7	2.7				
30	2.3	3.0	5.0	7.0	9.9	15.4	34.2	62.3	62.3	34.2	15.4	9.9	7.0	5.0	3.0	2.3			
20		3.1	5.2	7.4	11.8	33.2	187.2	411.8	411.8	187.2	33.2	11.8	7.4	5.2	3.1				
10	2.5	3.2	5.2	7.6	13.0	63.6	449.3	2906.7	2906.7	449.3	63.6	13.0	7.6	5.2	3.2	2.5			
0		3.2	5.2	7.6	13.0	63.6	449.3	2906.7	2906.7	449.3	63.6	13.0	7.6	5.2	3.2				
-10	2.3	3.1	5.2	7.4	11.8	33.2	187.2	411.8	411.8	187.2	33.2	11.8	7.4	5.2	3.1	2.3			
-20		3.0	5.0	7.0	9.9	15.4	34.2	62.3	62.3	34.2	15.4	9.9	7.0	5.0	3.0				
-30	1.7	2.7	4.7	6.6	8.4	10.9	13.6	15.4	15.4	13.6	10.9	8.4	6.6	4.7	2.7	1.7			
-40		2.2	4.2	6.1	7.6	8.9	9.9	10.4	10.4	9.9	8.9	7.6	6.1	4.2	2.2				
-50	0.9	1.7	3.4	5.2	6.8	8.0	8.8	9.1	9.1	8.8	8.0	6.8	5.2	3.4	1.7	0.9			
-60		1.1	2.3	3.8	5.2	6.4	7.3	7.8	7.8	7.3	6.4	5.2	3.8	2.3	1.1				
-70	0.3	2.1		5.7		9.2		10.7		9.2		5.7		2.1		0.3			
-80		2.1		5.7		9.2		10.7		9.2		5.7		2.1					
-90	0.3	2.1		5.7		9.2		10.7		9.2		5.7		2.1		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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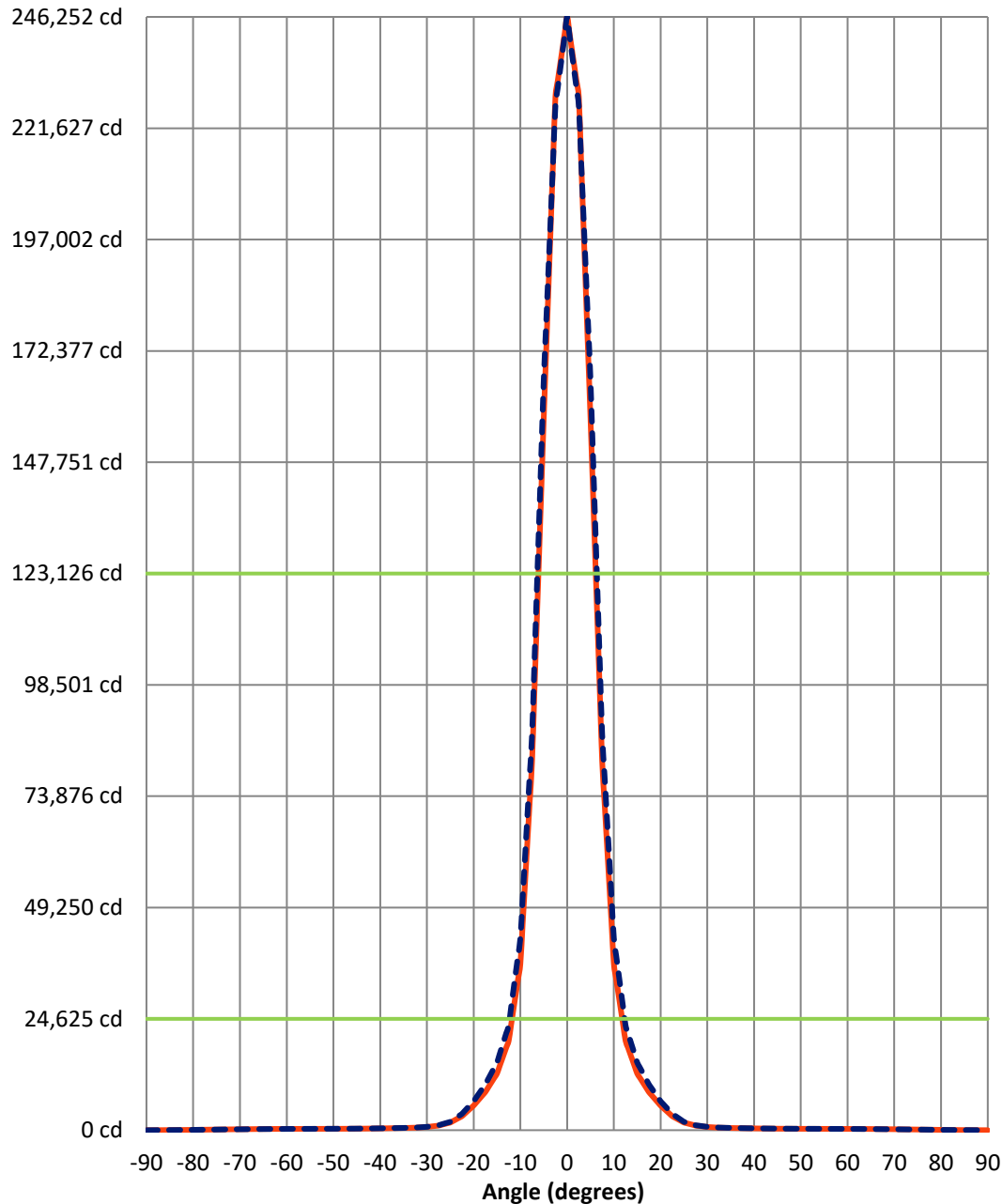
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 12.7°  
V Angle: 12.3°  
Lumens: 5640.3  
Efficiency: 31.6%

**Field:**  
H Angle: 24.6°  
V Angle: 23.6°  
Lumens: 12495.3  
Efficiency: 70.0%

**Spill:**  
Lumens: 5354.8  
Efficiency: 30.0%

— 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	0.6	1.2	1.7	2.2	2.6	3.0	3.5	4.0	4.4	4.9
85°	0.0	1.2	2.3	3.4	4.3	5.2	6.0	7.0	7.9	8.9	9.8
82.5°	0.0	1.7	3.5	5.0	6.5	7.8	9.0	10.4	12.0	14.2	16.4
80°	0.0	2.3	4.6	6.7	8.6	10.4	12.1	14.9	17.9	20.9	24.0
77.5°	0.0	2.9	5.8	8.4	10.8	13.3	16.4	19.9	23.7	27.6	31.7
75°	0.0	3.4	6.9	10.0	13.0	16.8	20.6	24.9	29.6	34.9	39.9
72.5°	0.0	4.0	8.0	11.6	15.8	20.3	24.7	30.1	36.4	42.4	48.1
70°	0.0	4.5	9.1	13.3	18.5	23.7	29.0	36.1	43.2	49.9	59.3
67.5°	0.0	5.1	10.2	15.4	21.2	27.1	34.2	42.1	49.9	60.2	70.9
65°	0.0	5.6	11.2	17.4	23.9	30.9	39.3	48.0	58.7	70.3	82.5
62.5°	0.0	6.1	12.3	19.3	26.5	35.0	44.3	54.9	67.2	80.2	94.6
60°	0.0	6.6	13.3	21.2	29.1	39.0	49.2	61.9	75.4	90.9	106.3
57.5°	0.0	7.1	14.5	23.1	32.1	42.9	55.0	68.8	84.4	101.2	118.2
55°	0.0	7.6	15.7	24.9	35.1	46.6	60.7	75.6	93.4	111.4	130.0
52.5°	0.0	8.1	16.9	26.7	38.0	50.5	66.4	83.2	102.1	121.7	141.4
50°	0.0	8.5	18.0	28.4	40.8	55.0	71.8	90.6	110.6	131.7	152.8
47.5°	0.0	9.0	19.1	30.2	43.5	59.4	77.2	97.8	119.2	141.3	163.9
45°	0.0	9.4	20.1	32.1	46.1	63.6	83.0	104.6	127.5	151.0	174.7
42.5°	0.0	9.8	21.1	33.9	48.5	67.6	88.6	111.4	135.5	160.4	183.9
40°	0.0	10.2	22.1	35.7	51.2	71.4	93.9	118.0	143.2	169.4	192.6
37.5°	0.0	10.6	23.0	37.3	54.2	75.1	98.9	124.4	150.7	177.5	200.8
35°	0.0	10.9	23.8	38.8	56.9	78.9	103.6	130.3	157.8	184.4	208.3
32.5°	0.0	11.2	24.6	40.1	59.5	82.5	108.1	135.9	164.4	190.8	214.6
30°	0.0	11.5	25.4	41.4	61.9	86.0	112.6	141.2	170.5	196.8	220.5
27.5°	0.0	11.8	26.1	42.6	64.1	89.1	116.7	146.1	175.8	202.3	226.0
25°	0.0	12.1	26.7	43.7	66.2	92.0	120.5	150.6	180.3	207.0	231.0
22.5°	0.0	12.3	27.3	44.6	68.0	94.6	124.0	154.7	184.3	211.1	234.8
20°	0.0	12.5	27.8	45.4	69.7	97.0	127.1	158.3	188.0	214.7	238.2
17.5°	0.0	12.7	28.3	46.2	71.2	99.1	129.9	161.5	191.1	217.9	241.3
15°	0.0	12.8	28.7	46.8	72.5	100.9	132.4	164.2	193.9	220.6	244.0
12.5°	0.0	13.0	29.0	47.3	73.7	102.5	134.5	166.4	196.2	222.9	246.3
10°	0.0	13.1	29.3	47.7	74.6	103.8	136.2	168.2	198.0	224.7	248.1
7.5°	0.0	13.2	29.5	47.9	75.3	104.8	137.6	169.6	199.3	226.0	249.4
5°	0.0	13.2	29.7	48.1	75.9	105.5	138.5	170.4	200.2	226.8	250.1
2.5°	0.0	13.3	29.8	48.2	76.2	106.0	139.1	170.8	200.7	227.2	250.5
0°	0.0	13.3	29.8	48.1	76.3	106.1	139.3	170.8	200.6	227.1	250.3
-2.5°	0.0	13.3	29.8	48.2	76.2	106.0	139.1	170.8	200.7	227.2	250.5
-5°	0.0	13.2	29.7	48.1	75.9	105.5	138.5	170.4	200.2	226.8	250.1
-7.5°	0.0	13.2	29.5	47.9	75.3	104.8	137.6	169.6	199.3	226.0	249.4
-10°	0.0	13.1	29.3	47.7	74.6	103.8	136.2	168.2	198.0	224.7	248.1
-12.5°	0.0	13.0	29.0	47.3	73.7	102.5	134.5	166.4	196.2	222.9	246.3
-15°	0.0	12.8	28.7	46.8	72.5	100.9	132.4	164.2	193.9	220.6	244.0
-17.5°	0.0	12.7	28.3	46.2	71.2	99.1	129.9	161.5	191.1	217.9	241.3
-20°	0.0	12.5	27.8	45.4	69.7	97.0	127.1	158.3	188.0	214.7	238.2



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 CATALOG NUMBER: GFLD-SA5B-935-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	12.3	27.3	44.6	68.0	94.6	124.0	154.7	184.3	211.1	234.8
-25°	0.0	12.1	26.7	43.7	66.2	92.0	120.5	150.6	180.3	207.0	231.0
-27.5°	0.0	11.8	26.1	42.6	64.1	89.1	116.7	146.1	175.8	202.3	226.0
-30°	0.0	11.5	25.4	41.4	61.9	86.0	112.6	141.2	170.5	196.8	220.5
-32.5°	0.0	11.2	24.6	40.1	59.5	82.5	108.1	135.9	164.4	190.8	214.6
-35°	0.0	10.9	23.8	38.8	56.9	78.9	103.6	130.3	157.8	184.4	208.3
-37.5°	0.0	10.6	23.0	37.3	54.2	75.1	98.9	124.4	150.7	177.5	200.8
-40°	0.0	10.2	22.1	35.7	51.2	71.4	93.9	118.0	143.2	169.4	192.6
-42.5°	0.0	9.8	21.1	33.9	48.5	67.6	88.6	111.4	135.5	160.4	183.9
-45°	0.0	9.4	20.1	32.1	46.1	63.6	83.0	104.6	127.5	151.0	174.7
-47.5°	0.0	9.0	19.1	30.2	43.5	59.4	77.2	97.8	119.2	141.3	163.9
-50°	0.0	8.5	18.0	28.4	40.8	55.0	71.8	90.6	110.6	131.7	152.8
-52.5°	0.0	8.1	16.9	26.7	38.0	50.5	66.4	83.2	102.1	121.7	141.4
-55°	0.0	7.6	15.7	24.9	35.1	46.6	60.7	75.6	93.4	111.4	130.0
-57.5°	0.0	7.1	14.5	23.1	32.1	42.9	55.0	68.8	84.4	101.2	118.2
-60°	0.0	6.6	13.3	21.2	29.1	39.0	49.2	61.9	75.4	90.9	106.3
-62.5°	0.0	6.1	12.3	19.3	26.5	35.0	44.3	54.9	67.2	80.2	94.6
-65°	0.0	5.6	11.2	17.4	23.9	30.9	39.3	48.0	58.7	70.3	82.5
-67.5°	0.0	5.1	10.2	15.4	21.2	27.1	34.2	42.1	49.9	60.2	70.9
-70°	0.0	4.5	9.1	13.3	18.5	23.7	29.0	36.1	43.2	49.9	59.3
-72.5°	0.0	4.0	8.0	11.6	15.8	20.3	24.7	30.1	36.4	42.4	48.1
-75°	0.0	3.4	6.9	10.0	13.0	16.8	20.6	24.9	29.6	34.9	39.9
-77.5°	0.0	2.9	5.8	8.4	10.8	13.3	16.4	19.9	23.7	27.6	31.7
-80°	0.0	2.3	4.6	6.7	8.6	10.4	12.1	14.9	17.9	20.9	24.0
-82.5°	0.0	1.7	3.5	5.0	6.5	7.8	9.0	10.4	12.0	14.2	16.4
-85°	0.0	1.2	2.3	3.4	4.3	5.2	6.0	7.0	7.9	8.9	9.8
-87.5°	0.0	0.6	1.2	1.7	2.2	2.6	3.0	3.5	4.0	4.4	4.9
-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°	5.4	5.8	6.2	6.7	7.1	7.5	7.8	8.2	8.6	8.9	9.2
85°	10.7	11.6	12.8	13.8	14.7	15.6	16.4	17.1	18.1	19.1	20.1
82.5°	18.3	19.9	21.2	22.3	23.6	24.7	25.9	27.9	30.4	32.8	35.0
80°	26.3	28.1	30.8	33.7	36.8	39.8	42.6	45.3	48.3	51.5	54.9
77.5°	35.3	39.1	43.2	47.7	52.0	56.9	61.9	67.0	71.6	75.7	79.3
75°	44.7	49.8	56.7	63.6	70.1	76.6	83.2	89.6	95.2	100.4	105.6
72.5°	55.7	64.1	72.2	80.2	88.6	96.7	104.4	111.6	118.7	125.8	132.5
70°	68.9	78.3	88.2	98.2	108.0	117.0	125.9	134.9	143.7	151.7	158.8
67.5°	82.0	93.3	104.7	116.0	126.7	137.0	147.4	157.7	167.6	176.0	183.4
65°	95.5	108.1	120.8	133.1	144.7	156.7	168.5	180.0	189.2	197.0	204.4
62.5°	108.6	122.9	136.7	150.1	163.3	176.5	187.8	198.1	207.7	216.1	224.1
60°	122.1	137.6	152.6	167.3	181.3	193.3	204.9	215.2	224.8	234.0	240.9
57.5°	135.4	152.1	168.4	183.5	196.8	209.3	220.4	231.2	239.6	247.0	254.4
55°	148.4	166.4	183.1	198.0	211.5	223.5	234.7	243.8	252.1	259.1	266.3
52.5°	161.2	180.0	196.5	211.5	224.7	236.4	246.4	255.3	263.1	270.2	276.1
50°	173.7	192.1	209.2	223.5	236.5	247.5	256.9	265.5	273.0	279.5	284.9
47.5°	184.8	203.8	220.0	234.6	246.9	257.4	266.5	274.7	282.1	287.8	293.2
45°	195.2	213.9	230.4	244.3	256.3	266.2	275.0	283.5	289.6	295.3	299.4
42.5°	205.1	223.2	239.3	253.7	264.3	273.9	282.8	290.1	296.5	301.5	305.9
40°	213.6	232.3	247.6	260.7	271.6	280.7	288.9	296.3	302.6	307.4	312.2
37.5°	221.6	239.6	255.1	267.3	277.5	286.6	294.7	301.5	307.7	312.9	319.4
35°	229.2	246.5	261.0	272.9	282.8	291.7	299.5	306.5	312.6	319.7	327.2
32.5°	235.7	253.1	266.5	277.4	287.2	296.3	304.0	311.1	318.2	326.2	335.5
30°	241.2	258.0	271.3	281.5	291.2	299.8	308.1	315.8	323.6	333.2	345.3
27.5°	246.2	262.4	274.8	285.0	294.8	302.9	311.6	320.3	329.4	340.6	355.9
25°	250.9	266.5	277.8	288.2	297.4	305.7	314.7	323.6	335.0	349.9	369.9
22.5°	254.7	270.3	280.5	291.1	299.5	308.3	317.6	327.5	340.4	358.4	384.6
20°	257.8	272.5	282.8	293.3	301.2	310.7	320.1	330.9	346.3	369.8	400.0
17.5°	260.6	274.4	284.7	294.6	303.0	312.6	322.3	333.6	351.2	380.4	414.2
15°	263.0	276.0	286.3	295.6	304.5	314.1	324.3	337.2	357.7	390.6	427.1
12.5°	265.1	277.3	287.5	296.5	305.7	315.1	325.9	340.3	364.6	400.1	439.8
10°	266.9	278.3	288.3	297.0	306.5	315.7	327.2	342.3	369.5	405.5	447.4
7.5°	268.0	279.0	288.9	297.3	307.1	315.8	328.2	343.4	372.5	408.3	451.5
5°	268.6	279.7	289.6	297.9	307.6	316.3	329.0	343.5	373.7	408.8	453.0
2.5°	268.8	280.1	290.0	298.3	308.1	317.4	330.6	345.3	374.9	410.8	454.1
0°	268.6	280.2	290.1	298.4	308.3	318.3	331.6	346.5	374.7	412.8	454.2
-2.5°	268.8	280.1	290.0	298.3	308.1	317.4	330.6	345.3	374.9	410.8	454.1
-5°	268.6	279.7	289.6	297.9	307.6	316.3	329.0	343.5	373.7	408.8	453.0
-7.5°	268.0	279.0	288.9	297.3	307.1	315.8	328.2	343.4	372.5	408.3	451.5
-10°	266.9	278.3	288.3	297.0	306.5	315.7	327.2	342.3	369.5	405.5	447.4
-12.5°	265.1	277.3	287.5	296.5	305.7	315.1	325.9	340.3	364.6	400.1	439.8
-15°	263.0	276.0	286.3	295.6	304.5	314.1	324.3	337.2	357.7	390.6	427.1
-17.5°	260.6	274.4	284.7	294.6	303.0	312.6	322.3	333.6	351.2	380.4	414.2
-20°	257.8	272.5	282.8	293.3	301.2	310.7	320.1	330.9	346.3	369.8	400.0



REPORT NUMBER: P559024 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-935-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	254.7	270.3	280.5	291.1	299.5	308.3	317.6	327.5	340.4	358.4	384.6
-25°	250.9	266.5	277.8	288.2	297.4	305.7	314.7	323.6	335.0	349.9	369.9
-27.5°	246.2	262.4	274.8	285.0	294.8	302.9	311.6	320.3	329.4	340.6	355.9
-30°	241.2	258.0	271.3	281.5	291.2	299.8	308.1	315.8	323.6	333.2	345.3
-32.5°	235.7	253.1	266.5	277.4	287.2	296.3	304.0	311.1	318.2	326.2	335.5
-35°	229.2	246.5	261.0	272.9	282.8	291.7	299.5	306.5	312.6	319.7	327.2
-37.5°	221.6	239.6	255.1	267.3	277.5	286.6	294.7	301.5	307.7	312.9	319.4
-40°	213.6	232.3	247.6	260.7	271.6	280.7	288.9	296.3	302.6	307.4	312.2
-42.5°	205.1	223.2	239.3	253.7	264.3	273.9	282.8	290.1	296.5	301.5	305.9
-45°	195.2	213.9	230.4	244.3	256.3	266.2	275.0	283.5	289.6	295.3	299.4
-47.5°	184.8	203.8	220.0	234.6	246.9	257.4	266.5	274.7	282.1	287.8	293.2
-50°	173.7	192.1	209.2	223.5	236.5	247.5	256.9	265.5	273.0	279.5	284.9
-52.5°	161.2	180.0	196.5	211.5	224.7	236.4	246.4	255.3	263.1	270.2	276.1
-55°	148.4	166.4	183.1	198.0	211.5	223.5	234.7	243.8	252.1	259.1	266.3
-57.5°	135.4	152.1	168.4	183.5	196.8	209.3	220.4	231.2	239.6	247.0	254.4
-60°	122.1	137.6	152.6	167.3	181.3	193.3	204.9	215.2	224.8	234.0	240.9
-62.5°	108.6	122.9	136.7	150.1	163.3	176.5	187.8	198.1	207.7	216.1	224.1
-65°	95.5	108.1	120.8	133.1	144.7	156.7	168.5	180.0	189.2	197.0	204.4
-67.5°	82.0	93.3	104.7	116.0	126.7	137.0	147.4	157.7	167.6	176.0	183.4
-70°	68.9	78.3	88.2	98.2	108.0	117.0	125.9	134.9	143.7	151.7	158.8
-72.5°	55.7	64.1	72.2	80.2	88.6	96.7	104.4	111.6	118.7	125.8	132.5
-75°	44.7	49.8	56.7	63.6	70.1	76.6	83.2	89.6	95.2	100.4	105.6
-77.5°	35.3	39.1	43.2	47.7	52.0	56.9	61.9	67.0	71.6	75.7	79.3
-80°	26.3	28.1	30.8	33.7	36.8	39.8	42.6	45.3	48.3	51.5	54.9
-82.5°	18.3	19.9	21.2	22.3	23.6	24.7	25.9	27.9	30.4	32.8	35.0
-85°	10.7	11.6	12.8	13.8	14.7	15.6	16.4	17.1	18.1	19.1	20.1
-87.5°	5.4	5.8	6.2	6.7	7.1	7.5	7.8	8.2	8.6	8.9	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: P559024 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-935-U-TS-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°	9.5	9.4	9.3	9.2	9.0	9.1	9.3	9.4	9.6	9.7	9.7
85°	21.1	22.0	22.9	23.8	24.8	25.4	26.0	26.5	26.9	27.3	27.6
82.5°	37.0	38.9	40.7	42.2	43.6	44.8	45.8	46.7	47.5	48.2	48.7
80°	57.8	60.7	63.4	66.0	68.3	70.2	71.7	73.0	74.1	75.2	76.2
77.5°	82.8	86.7	90.5	94.0	97.0	99.6	101.8	103.8	105.4	107.4	109.2
75°	110.8	115.6	120.0	124.0	127.7	131.0	133.9	136.5	138.7	140.9	142.7
72.5°	138.9	144.7	149.7	154.0	157.9	161.7	165.4	168.9	172.1	174.5	176.2
70°	165.3	171.3	176.7	181.6	186.2	190.9	195.7	200.1	204.2	206.8	208.3
67.5°	189.6	195.7	201.8	207.9	213.3	218.3	223.1	227.5	231.5	234.1	235.8
65°	211.5	218.2	224.9	231.1	236.9	241.1	245.5	249.6	253.5	256.6	258.9
62.5°	232.0	238.6	244.3	249.5	254.5	258.7	262.9	266.7	270.1	273.1	275.8
60°	247.7	254.4	259.9	264.8	269.3	273.5	276.9	279.7	282.0	283.9	285.6
57.5°	261.1	267.5	273.1	277.1	281.2	285.2	288.1	289.8	291.2	292.2	293.0
55°	272.7	277.9	282.5	286.9	290.9	294.4	296.9	298.1	298.9	299.2	299.6
52.5°	282.0	287.0	291.8	296.0	299.1	302.0	304.5	305.2	305.6	305.8	305.8
50°	290.5	295.4	299.2	302.7	305.9	308.6	310.8	311.8	312.4	312.5	312.1
47.5°	297.3	301.5	305.7	309.4	312.7	315.7	318.2	319.6	320.6	321.0	321.0
45°	303.3	308.3	312.7	317.0	320.8	324.8	328.2	330.5	332.8	334.4	335.2
42.5°	310.5	315.5	320.3	326.2	331.7	336.9	342.5	347.5	352.6	358.1	361.9
40°	317.7	323.1	330.6	337.8	345.8	353.0	364.9	376.7	385.7	393.4	400.3
37.5°	326.0	333.8	342.8	352.0	365.1	378.6	393.6	408.3	421.1	432.6	442.0
35°	335.5	346.0	357.1	373.4	390.0	406.8	424.7	444.2	460.8	472.9	481.6
32.5°	347.1	360.4	378.1	399.0	419.5	441.1	462.8	484.5	500.8	517.7	534.6
30°	360.0	379.1	402.0	427.5	453.0	478.9	506.0	536.2	564.9	595.8	639.9
27.5°	376.5	399.7	426.7	456.8	487.5	518.3	565.7	617.5	694.4	755.8	860.0
25°	394.1	421.2	453.4	488.3	525.8	581.1	667.6	769.9	951.1	1091.6	1304.8
22.5°	413.6	445.6	481.2	521.2	581.7	686.0	834.1	1096.6	1462.0	1822.8	2224.2
20°	432.9	468.4	507.3	567.9	670.7	835.7	1156.1	1723.9	2358.0	3260.8	4018.6
17.5°	451.3	488.9	538.2	620.2	774.2	1105.9	1726.6	2699.1	4023.5	5478.8	6692.3
15°	467.3	505.8	572.3	702.2	962.3	1478.9	2416.2	4071.2	6296.4	8288.9	10066.1
12.5°	480.9	526.5	609.2	768.3	1125.6	1890.3	3393.8	5743.9	8461.2	11255.6	13504.7
10°	490.8	548.5	658.5	890.6	1385.1	2379.8	4208.5	7173.0	10444.8	13841.2	17906.9
7.5°	496.8	564.2	695.8	981.4	1616.5	2925.0	5230.6	8449.0	12206.2	16842.6	23054.5
5°	501.1	574.8	723.5	1049.7	1771.1	3285.3	5876.0	9415.8	13726.0	20429.9	33214.3
2.5°	503.1	579.4	739.2	1087.2	1841.7	3470.6	6330.1	9969.4	14650.7	22960.6	40252.5
0°	502.3	576.9	741.0	1095.8	1851.7	3612.3	6405.7	10127.4	14963.2	23187.4	42508.9
-2.5°	503.1	579.4	739.2	1087.2	1841.7	3470.6	6330.1	9969.4	14650.7	22960.6	40252.5
-5°	501.1	574.8	723.5	1049.7	1771.1	3285.3	5876.0	9415.8	13726.0	20429.9	33214.3
-7.5°	496.8	564.2	695.8	981.4	1616.5	2925.0	5230.6	8449.0	12206.2	16842.6	23054.5
-10°	490.8	548.5	658.5	890.6	1385.1	2379.8	4208.5	7173.0	10444.8	13841.2	17906.9
-12.5°	480.9	526.5	609.2	768.3	1125.6	1890.3	3393.8	5743.9	8461.2	11255.6	13504.7
-15°	467.3	505.8	572.3	702.2	962.3	1478.9	2416.2	4071.2	6296.4	8288.9	10066.1
-17.5°	451.3	488.9	538.2	620.2	774.2	1105.9	1726.6	2699.1	4023.5	5478.8	6692.3
-20°	432.9	468.4	507.3	567.9	670.7	835.7	1156.1	1723.9	2358.0	3260.8	4018.6



REPORT NUMBER: P559024 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-935-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	413.6	445.6	481.2	521.2	581.7	686.0	834.1	1096.6	1462.0	1822.8	2224.2
-25°	394.1	421.2	453.4	488.3	525.8	581.1	667.6	769.9	951.1	1091.6	1304.8
-27.5°	376.5	399.7	426.7	456.8	487.5	518.3	565.7	617.5	694.4	755.8	860.0
-30°	360.0	379.1	402.0	427.5	453.0	478.9	506.0	536.2	564.9	595.8	639.9
-32.5°	347.1	360.4	378.1	399.0	419.5	441.1	462.8	484.5	500.8	517.7	534.6
-35°	335.5	346.0	357.1	373.4	390.0	406.8	424.7	444.2	460.8	472.9	481.6
-37.5°	326.0	333.8	342.8	352.0	365.1	378.6	393.6	408.3	421.1	432.6	442.0
-40°	317.7	323.1	330.6	337.8	345.8	353.0	364.9	376.7	385.7	393.4	400.3
-42.5°	310.5	315.5	320.3	326.2	331.7	336.9	342.5	347.5	352.6	358.1	361.9
-45°	303.3	308.3	312.7	317.0	320.8	324.8	328.2	330.5	332.8	334.4	335.2
-47.5°	297.3	301.5	305.7	309.4	312.7	315.7	318.2	319.6	320.6	321.0	321.0
-50°	290.5	295.4	299.2	302.7	305.9	308.6	310.8	311.8	312.4	312.5	312.1
-52.5°	282.0	287.0	291.8	296.0	299.1	302.0	304.5	305.2	305.6	305.8	305.8
-55°	272.7	277.9	282.5	286.9	290.9	294.4	296.9	298.1	298.9	299.2	299.6
-57.5°	261.1	267.5	273.1	277.1	281.2	285.2	288.1	289.8	291.2	292.2	293.0
-60°	247.7	254.4	259.9	264.8	269.3	273.5	276.9	279.7	282.0	283.9	285.6
-62.5°	232.0	238.6	244.3	249.5	254.5	258.7	262.9	266.7	270.1	273.1	275.8
-65°	211.5	218.2	224.9	231.1	236.9	241.1	245.5	249.6	253.5	256.6	258.9
-67.5°	189.6	195.7	201.8	207.9	213.3	218.3	223.1	227.5	231.5	234.1	235.8
-70°	165.3	171.3	176.7	181.6	186.2	190.9	195.7	200.1	204.2	206.8	208.3
-72.5°	138.9	144.7	149.7	154.0	157.9	161.7	165.4	168.9	172.1	174.5	176.2
-75°	110.8	115.6	120.0	124.0	127.7	131.0	133.9	136.5	138.7	140.9	142.7
-77.5°	82.8	86.7	90.5	94.0	97.0	99.6	101.8	103.8	105.4	107.4	109.2
-80°	57.8	60.7	63.4	66.0	68.3	70.2	71.7	73.0	74.1	75.2	76.2
-82.5°	37.0	38.9	40.7	42.2	43.6	44.8	45.8	46.7	47.5	48.2	48.7
-85°	21.1	22.0	22.9	23.8	24.8	25.4	26.0	26.5	26.9	27.3	27.6
-87.5°	9.5	9.4	9.3	9.2	9.0	9.1	9.3	9.4	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: P559024 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-935-U-TS-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	9.4
85°	27.9	28.1	28.2	28.2	28.2	28.1	27.9	27.6	27.3	26.9	26.5
82.5°	49.1	49.5	49.6	49.7	49.6	49.5	49.1	48.7	48.2	47.5	46.7
80°	76.9	77.5	77.8	77.9	77.8	77.5	76.9	76.2	75.2	74.1	73.0
77.5°	110.8	112.0	112.5	112.7	112.5	112.0	110.8	109.2	107.4	105.4	103.8
75°	144.1	145.1	145.7	145.9	145.7	145.1	144.1	142.7	140.9	138.7	136.5
72.5°	177.4	178.1	179.6	180.7	179.6	178.1	177.4	176.2	174.5	172.1	168.9
70°	209.2	209.6	211.0	212.2	211.0	209.6	209.2	208.3	206.8	204.2	200.1
67.5°	237.0	237.8	237.7	237.1	237.7	237.8	237.0	235.8	234.1	231.5	227.5
65°	260.9	262.5	262.6	261.9	262.6	262.5	260.9	258.9	256.6	253.5	249.6
62.5°	278.4	280.7	281.6	281.8	281.6	280.7	278.4	275.8	273.1	270.1	266.7
60°	287.0	288.0	288.4	288.5	288.4	288.0	287.0	285.6	283.9	282.0	279.7
57.5°	293.3	293.3	293.3	293.4	293.3	293.3	293.3	293.0	292.2	291.2	289.8
55°	299.8	299.9	299.3	298.4	299.3	299.9	299.8	299.6	299.2	298.9	298.1
52.5°	305.6	305.1	304.3	303.4	304.3	305.1	305.6	305.8	305.8	305.6	305.2
50°	311.4	310.4	309.9	310.0	309.9	310.4	311.4	312.1	312.5	312.4	311.8
47.5°	320.7	320.1	319.8	320.0	319.8	320.1	320.7	321.0	321.0	320.6	319.6
45°	335.5	334.9	334.6	334.9	334.6	334.9	335.5	335.2	334.4	332.8	330.5
42.5°	363.9	364.2	364.0	364.7	364.0	364.2	363.9	361.9	358.1	352.6	347.5
40°	403.0	402.8	401.5	401.2	401.5	402.8	403.0	400.3	393.4	385.7	376.7
37.5°	445.8	445.8	444.4	444.3	444.4	445.8	445.8	442.0	432.6	421.1	408.3
35°	486.1	487.6	487.2	485.7	487.2	487.6	486.1	481.6	472.9	460.8	444.2
32.5°	546.6	555.8	560.7	558.7	560.7	555.8	546.6	534.6	517.7	500.8	484.5
30°	667.6	691.4	704.0	709.5	704.0	691.4	667.6	639.9	595.8	564.9	536.2
27.5°	934.7	987.4	1011.1	1019.5	1011.1	987.4	934.7	860.0	755.8	694.4	617.5
25°	1491.0	1610.1	1668.8	1687.6	1668.8	1610.1	1491.0	1304.8	1091.6	951.1	769.9
22.5°	2666.1	2895.3	3052.1	3086.8	3052.1	2895.3	2666.1	2224.2	1822.8	1462.0	1096.6
20°	4780.4	5223.7	5464.1	5442.5	5464.1	5223.7	4780.4	4018.6	3260.8	2358.0	1723.9
17.5°	7723.9	8292.3	8562.9	8436.5	8562.9	8292.3	7723.9	6692.3	5478.8	4023.5	2699.1
15°	11322.9	12090.9	12425.9	12529.5	12425.9	12090.9	11322.9	10066.1	8288.9	6296.4	4071.2
12.5°	15749.8	18267.4	19471.4	19793.9	19471.4	18267.4	15749.8	13504.7	11255.6	8461.2	5743.9
10°	22065.5	30528.3	35562.1	36791.2	35562.1	30528.3	22065.5	17906.9	13841.2	10444.8	7173.0
7.5°	36034.9	53232.0	72496.7	81619.4	72496.7	53232.0	36034.9	23054.5	16842.6	12206.2	8449.0
5°	54953.1	95375.5	139979.2	157464.7	139979.2	95375.5	54953.1	33214.3	20429.9	13726.0	9415.8
2.5°	77951.4	144009.7	205641.1	228616.0	205641.1	144009.7	77951.4	40252.5	22960.6	14650.7	9969.4
0°	87667.8	166027.1	226571.9	246252.3	226571.9	166027.1	87667.8	42508.9	23187.4	14963.2	10127.4
-2.5°	77951.4	144009.7	205641.1	228615.9	205641.1	144009.7	77951.4	40252.5	22960.6	14650.7	9969.4
-5°	54953.1	95375.5	139979.2	157464.7	139979.2	95375.5	54953.1	33214.3	20429.9	13726.0	9415.8
-7.5°	36034.9	53232.0	72496.7	81619.4	72496.7	53232.0	36034.9	23054.5	16842.6	12206.2	8449.0
-10°	22065.5	30528.3	35562.1	36791.2	35562.1	30528.3	22065.5	17906.9	13841.2	10444.8	7173.0
-12.5°	15749.8	18267.4	19471.4	19793.9	19471.4	18267.4	15749.8	13504.7	11255.6	8461.2	5743.9
-15°	11322.9	12090.9	12425.9	12529.5	12425.9	12090.9	11322.9	10066.1	8288.9	6296.4	4071.2
-17.5°	7723.9	8292.3	8562.9	8436.5	8562.9	8292.3	7723.9	6692.3	5478.8	4023.5	2699.1
-20°	4780.4	5223.7	5464.1	5442.5	5464.1	5223.7	4780.4	4018.6	3260.8	2358.0	1723.9



REPORT NUMBER: P559024 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-935-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2666.1	2895.3	3052.1	3086.8	3052.1	2895.3	2666.1	2224.2	1822.8	1462.0	1096.6
-25°	1491.0	1610.1	1668.8	1687.6	1668.8	1610.1	1491.0	1304.8	1091.6	951.1	769.9
-27.5°	934.7	987.4	1011.1	1019.5	1011.1	987.4	934.7	860.0	755.8	694.4	617.5
-30°	667.6	691.4	704.0	709.5	704.0	691.4	667.6	639.9	595.8	564.9	536.2
-32.5°	546.6	555.8	560.7	558.7	560.7	555.8	546.6	534.6	517.7	500.8	484.5
-35°	486.1	487.6	487.2	485.7	487.2	487.6	486.1	481.6	472.9	460.8	444.2
-37.5°	445.8	445.8	444.4	444.3	444.4	445.8	445.8	442.0	432.6	421.1	408.3
-40°	403.0	402.8	401.5	401.2	401.5	402.8	403.0	400.3	393.4	385.7	376.7
-42.5°	363.9	364.2	364.0	364.7	364.0	364.2	363.9	361.9	358.1	352.6	347.5
-45°	335.5	334.9	334.6	334.9	334.6	334.9	335.5	335.2	334.4	332.8	330.5
-47.5°	320.7	320.1	319.8	320.0	319.8	320.1	320.7	321.0	321.0	320.6	319.6
-50°	311.4	310.4	309.9	310.0	309.9	310.4	311.4	312.1	312.5	312.4	311.8
-52.5°	305.6	305.1	304.3	303.4	304.3	305.1	305.6	305.8	305.8	305.6	305.2
-55°	299.8	299.9	299.3	298.4	299.3	299.9	299.8	299.6	299.2	298.9	298.1
-57.5°	293.3	293.3	293.3	293.4	293.3	293.3	293.3	293.0	292.2	291.2	289.8
-60°	287.0	288.0	288.4	288.5	288.4	288.0	287.0	285.6	283.9	282.0	279.7
-62.5°	278.4	280.7	281.6	281.8	281.6	280.7	278.4	275.8	273.1	270.1	266.7
-65°	260.9	262.5	262.6	261.9	262.6	262.5	260.9	258.9	256.6	253.5	249.6
-67.5°	237.0	237.8	237.7	237.1	237.7	237.8	237.0	235.8	234.1	231.5	227.5
-70°	209.2	209.6	211.0	212.2	211.0	209.6	209.2	208.3	206.8	204.2	200.1
-72.5°	177.4	178.1	179.6	180.7	179.6	178.1	177.4	176.2	174.5	172.1	168.9
-75°	144.1	145.1	145.7	145.9	145.7	145.1	144.1	142.7	140.9	138.7	136.5
-77.5°	110.8	112.0	112.5	112.7	112.5	112.0	110.8	109.2	107.4	105.4	103.8
-80°	76.9	77.5	77.8	77.9	77.8	77.5	76.9	76.2	75.2	74.1	73.0
-82.5°	49.1	49.5	49.6	49.7	49.6	49.5	49.1	48.7	48.2	47.5	46.7
-85°	27.9	28.1	28.2	28.2	28.2	28.1	27.9	27.6	27.3	26.9	26.5
-87.5°	9.8	9.9	9.9	9.9	9.9	9.9	9.8	9.7	9.7	9.6	9.4
-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: P559024 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-935-U-TS-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°	9.3	9.1	9.0	9.2	9.3	9.4	9.5	9.2	8.9	8.6	8.2
85°	26.0	25.4	24.8	23.8	22.9	22.0	21.1	20.1	19.1	18.1	17.1
82.5°	45.8	44.8	43.6	42.2	40.7	38.9	37.0	35.0	32.8	30.4	27.9
80°	71.7	70.2	68.3	66.0	63.4	60.7	57.8	54.9	51.5	48.3	45.3
77.5°	101.8	99.6	97.0	94.0	90.5	86.7	82.8	79.3	75.7	71.6	67.0
75°	133.9	131.0	127.7	124.0	120.0	115.6	110.8	105.6	100.4	95.2	89.6
72.5°	165.4	161.7	157.9	154.0	149.7	144.7	138.9	132.5	125.8	118.7	111.6
70°	195.7	190.9	186.2	181.6	176.7	171.3	165.3	158.8	151.7	143.7	134.9
67.5°	223.1	218.3	213.3	207.9	201.8	195.7	189.6	183.4	176.0	167.6	157.7
65°	245.5	241.1	236.9	231.1	224.9	218.2	211.5	204.4	197.0	189.2	180.0
62.5°	262.9	258.7	254.5	249.5	244.3	238.6	232.0	224.1	216.1	207.7	198.1
60°	276.9	273.5	269.3	264.8	259.9	254.4	247.7	240.9	234.0	224.8	215.2
57.5°	288.1	285.2	281.2	277.1	273.1	267.5	261.1	254.4	247.0	239.6	231.2
55°	296.9	294.4	290.9	286.9	282.5	277.9	272.7	266.3	259.1	252.1	243.8
52.5°	304.5	302.0	299.1	296.0	291.8	287.0	282.0	276.1	270.2	263.1	255.3
50°	310.8	308.6	305.9	302.7	299.2	295.4	290.5	284.9	279.5	273.0	265.5
47.5°	318.2	315.7	312.7	309.4	305.7	301.5	297.3	293.2	287.8	282.1	274.7
45°	328.2	324.8	320.8	317.0	312.7	308.3	303.3	299.4	295.3	289.6	283.5
42.5°	342.5	336.9	331.7	326.2	320.3	315.5	310.5	305.9	301.5	296.5	290.1
40°	364.9	353.0	345.8	337.8	330.6	323.1	317.7	312.2	307.4	302.6	296.3
37.5°	393.6	378.6	365.1	352.0	342.8	333.8	326.0	319.4	312.9	307.7	301.5
35°	424.7	406.8	390.0	373.4	357.1	346.0	335.5	327.2	319.7	312.6	306.5
32.5°	462.8	441.1	419.5	399.0	378.1	360.4	347.1	335.5	326.2	318.2	311.1
30°	506.0	478.9	453.0	427.5	402.0	379.1	360.0	345.3	333.2	323.6	315.8
27.5°	565.7	518.3	487.5	456.8	426.7	399.7	376.5	355.9	340.6	329.4	320.3
25°	667.6	581.1	525.8	488.3	453.4	421.2	394.1	369.9	349.9	335.0	323.6
22.5°	834.1	686.0	581.7	521.2	481.2	445.6	413.6	384.6	358.4	340.4	327.5
20°	1156.1	835.7	670.7	567.9	507.3	468.4	432.9	400.0	369.8	346.3	330.9
17.5°	1726.6	1105.9	774.2	620.2	538.2	488.9	451.3	414.2	380.4	351.2	333.6
15°	2416.2	1478.9	962.3	702.2	572.3	505.8	467.3	427.1	390.6	357.7	337.2
12.5°	3393.8	1890.3	1125.6	768.3	609.2	526.5	480.9	439.8	400.1	364.6	340.3
10°	4208.5	2379.8	1385.1	890.6	658.5	548.5	490.8	447.4	405.5	369.5	342.3
7.5°	5230.6	2925.0	1616.5	981.4	695.8	564.2	496.8	451.5	408.3	372.5	343.4
5°	5876.0	3285.3	1771.1	1049.7	723.5	574.8	501.1	453.0	408.8	373.7	343.5
2.5°	6330.1	3470.6	1841.7	1087.2	739.2	579.4	503.1	454.1	410.8	374.9	345.3
0°	6405.7	3612.3	1851.7	1095.8	741.0	576.9	502.3	454.2	412.8	374.7	346.5
-2.5°	6330.1	3470.6	1841.7	1087.2	739.2	579.4	503.1	454.1	410.8	374.9	345.3
-5°	5876.0	3285.3	1771.1	1049.7	723.5	574.8	501.1	453.0	408.8	373.7	343.5
-7.5°	5230.6	2925.0	1616.5	981.4	695.8	564.2	496.8	451.5	408.3	372.5	343.4
-10°	4208.5	2379.8	1385.1	890.6	658.5	548.5	490.8	447.4	405.5	369.5	342.3
-12.5°	3393.8	1890.3	1125.6	768.3	609.2	526.5	480.9	439.8	400.1	364.6	340.3
-15°	2416.2	1478.9	962.3	702.2	572.3	505.8	467.3	427.1	390.6	357.7	337.2
-17.5°	1726.6	1105.9	774.2	620.2	538.2	488.9	451.3	414.2	380.4	351.2	333.6
-20°	1156.1	835.7	670.7	567.9	507.3	468.4	432.9	400.0	369.8	346.3	330.9



REPORT NUMBER: P559024 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-935-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	834.1	686.0	581.7	521.2	481.2	445.6	413.6	384.6	358.4	340.4	327.5
-25°	667.6	581.1	525.8	488.3	453.4	421.2	394.1	369.9	349.9	335.0	323.6
-27.5°	565.7	518.3	487.5	456.8	426.7	399.7	376.5	355.9	340.6	329.4	320.3
-30°	506.0	478.9	453.0	427.5	402.0	379.1	360.0	345.3	333.2	323.6	315.8
-32.5°	462.8	441.1	419.5	399.0	378.1	360.4	347.1	335.5	326.2	318.2	311.1
-35°	424.7	406.8	390.0	373.4	357.1	346.0	335.5	327.2	319.7	312.6	306.5
-37.5°	393.6	378.6	365.1	352.0	342.8	333.8	326.0	319.4	312.9	307.7	301.5
-40°	364.9	353.0	345.8	337.8	330.6	323.1	317.7	312.2	307.4	302.6	296.3
-42.5°	342.5	336.9	331.7	326.2	320.3	315.5	310.5	305.9	301.5	296.5	290.1
-45°	328.2	324.8	320.8	317.0	312.7	308.3	303.3	299.4	295.3	289.6	283.5
-47.5°	318.2	315.7	312.7	309.4	305.7	301.5	297.3	293.2	287.8	282.1	274.7
-50°	310.8	308.6	305.9	302.7	299.2	295.4	290.5	284.9	279.5	273.0	265.5
-52.5°	304.5	302.0	299.1	296.0	291.8	287.0	282.0	276.1	270.2	263.1	255.3
-55°	296.9	294.4	290.9	286.9	282.5	277.9	272.7	266.3	259.1	252.1	243.8
-57.5°	288.1	285.2	281.2	277.1	273.1	267.5	261.1	254.4	247.0	239.6	231.2
-60°	276.9	273.5	269.3	264.8	259.9	254.4	247.7	240.9	234.0	224.8	215.2
-62.5°	262.9	258.7	254.5	249.5	244.3	238.6	232.0	224.1	216.1	207.7	198.1
-65°	245.5	241.1	236.9	231.1	224.9	218.2	211.5	204.4	197.0	189.2	180.0
-67.5°	223.1	218.3	213.3	207.9	201.8	195.7	189.6	183.4	176.0	167.6	157.7
-70°	195.7	190.9	186.2	181.6	176.7	171.3	165.3	158.8	151.7	143.7	134.9
-72.5°	165.4	161.7	157.9	154.0	149.7	144.7	138.9	132.5	125.8	118.7	111.6
-75°	133.9	131.0	127.7	124.0	120.0	115.6	110.8	105.6	100.4	95.2	89.6
-77.5°	101.8	99.6	97.0	94.0	90.5	86.7	82.8	79.3	75.7	71.6	67.0
-80°	71.7	70.2	68.3	66.0	63.4	60.7	57.8	54.9	51.5	48.3	45.3
-82.5°	45.8	44.8	43.6	42.2	40.7	38.9	37.0	35.0	32.8	30.4	27.9
-85°	26.0	25.4	24.8	23.8	22.9	22.0	21.1	20.1	19.1	18.1	17.1
-87.5°	9.3	9.1	9.0	9.2	9.3	9.4	9.5	9.2	8.9	8.6	8.2
-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: P559024 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-935-U-TS-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°	7.8	7.5	7.1	6.7	6.2	5.8	5.4	4.9	4.4	4.0	3.5
85°	16.4	15.6	14.7	13.8	12.8	11.6	10.7	9.8	8.9	7.9	7.0
82.5°	25.9	24.7	23.6	22.3	21.2	19.9	18.3	16.4	14.2	12.0	10.4
80°	42.6	39.8	36.8	33.7	30.8	28.1	26.3	24.0	20.9	17.9	14.9
77.5°	61.9	56.9	52.0	47.7	43.2	39.1	35.3	31.7	27.6	23.7	19.9
75°	83.2	76.6	70.1	63.6	56.7	49.8	44.7	39.9	34.9	29.6	24.9
72.5°	104.4	96.7	88.6	80.2	72.2	64.1	55.7	48.1	42.4	36.4	30.1
70°	125.9	117.0	108.0	98.2	88.2	78.3	68.9	59.3	49.9	43.2	36.1
67.5°	147.4	137.0	126.7	116.0	104.7	93.3	82.0	70.9	60.2	49.9	42.1
65°	168.5	156.7	144.7	133.1	120.8	108.1	95.5	82.5	70.3	58.7	48.0
62.5°	187.8	176.5	163.3	150.1	136.7	122.9	108.6	94.6	80.2	67.2	54.9
60°	204.9	193.3	181.3	167.3	152.6	137.6	122.1	106.3	90.9	75.4	61.9
57.5°	220.4	209.3	196.8	183.5	168.4	152.1	135.4	118.2	101.2	84.4	68.8
55°	234.7	223.5	211.5	198.0	183.1	166.4	148.4	130.0	111.4	93.4	75.6
52.5°	246.4	236.4	224.7	211.5	196.5	180.0	161.2	141.4	121.7	102.1	83.2
50°	256.9	247.5	236.5	223.5	209.2	192.1	173.7	152.8	131.7	110.6	90.6
47.5°	266.5	257.4	246.9	234.6	220.0	203.8	184.8	163.9	141.3	119.2	97.8
45°	275.0	266.2	256.3	244.3	230.4	213.9	195.2	174.7	151.0	127.5	104.6
42.5°	282.8	273.9	264.3	253.7	239.3	223.2	205.1	183.9	160.4	135.5	111.4
40°	288.9	280.7	271.6	260.7	247.6	232.3	213.6	192.6	169.4	143.2	118.0
37.5°	294.7	286.6	277.5	267.3	255.1	239.6	221.6	200.8	177.5	150.7	124.4
35°	299.5	291.7	282.8	272.9	261.0	246.5	229.2	208.3	184.4	157.8	130.3
32.5°	304.0	296.3	287.2	277.4	266.5	253.1	235.7	214.6	190.8	164.4	135.9
30°	308.1	299.8	291.2	281.5	271.3	258.0	241.2	220.5	196.8	170.5	141.2
27.5°	311.6	302.9	294.8	285.0	274.8	262.4	246.2	226.0	202.3	175.8	146.1
25°	314.7	305.7	297.4	288.2	277.8	266.5	250.9	231.0	207.0	180.3	150.6
22.5°	317.6	308.3	299.5	291.1	280.5	270.3	254.7	234.8	211.1	184.3	154.7
20°	320.1	310.7	301.2	293.3	282.8	272.5	257.8	238.2	214.7	188.0	158.3
17.5°	322.3	312.6	303.0	294.6	284.7	274.4	260.6	241.3	217.9	191.1	161.5
15°	324.3	314.1	304.5	295.6	286.3	276.0	263.0	244.0	220.6	193.9	164.2
12.5°	325.9	315.1	305.7	296.5	287.5	277.3	265.1	246.3	222.9	196.2	166.4
10°	327.2	315.7	306.5	297.0	288.3	278.3	266.9	248.1	224.7	198.0	168.2
7.5°	328.2	315.8	307.1	297.3	288.9	279.0	268.0	249.4	226.0	199.3	169.6
5°	329.0	316.3	307.6	297.9	289.6	279.7	268.6	250.1	226.8	200.2	170.4
2.5°	330.6	317.4	308.1	298.3	290.0	280.1	268.8	250.5	227.2	200.7	170.8
0°	<b>331.6</b>	<b>318.3</b>	<b>308.3</b>	<b>298.4</b>	<b>290.1</b>	<b>280.2</b>	<b>268.6</b>	<b>250.3</b>	<b>227.1</b>	<b>200.6</b>	<b>170.8</b>
-2.5°	330.6	317.4	308.1	298.3	290.0	280.1	268.8	250.5	227.2	200.7	170.8
-5°	329.0	316.3	307.6	297.9	289.6	279.7	268.6	250.1	226.8	200.2	170.4
-7.5°	328.2	315.8	307.1	297.3	288.9	279.0	268.0	249.4	226.0	199.3	169.6
-10°	327.2	315.7	306.5	297.0	288.3	278.3	266.9	248.1	224.7	198.0	168.2
-12.5°	325.9	315.1	305.7	296.5	287.5	277.3	265.1	246.3	222.9	196.2	166.4
-15°	324.3	314.1	304.5	295.6	286.3	276.0	263.0	244.0	220.6	193.9	164.2
-17.5°	322.3	312.6	303.0	294.6	284.7	274.4	260.6	241.3	217.9	191.1	161.5
-20°	320.1	310.7	301.2	293.3	282.8	272.5	257.8	238.2	214.7	188.0	158.3



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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°	317.6	308.3	299.5	291.1	280.5	270.3	254.7	234.8	211.1	184.3	154.7
-25°	314.7	305.7	297.4	288.2	277.8	266.5	250.9	231.0	207.0	180.3	150.6
-27.5°	311.6	302.9	294.8	285.0	274.8	262.4	246.2	226.0	202.3	175.8	146.1
-30°	308.1	299.8	291.2	281.5	271.3	258.0	241.2	220.5	196.8	170.5	141.2
-32.5°	304.0	296.3	287.2	277.4	266.5	253.1	235.7	214.6	190.8	164.4	135.9
-35°	299.5	291.7	282.8	272.9	261.0	246.5	229.2	208.3	184.4	157.8	130.3
-37.5°	294.7	286.6	277.5	267.3	255.1	239.6	221.6	200.8	177.5	150.7	124.4
-40°	288.9	280.7	271.6	260.7	247.6	232.3	213.6	192.6	169.4	143.2	118.0
-42.5°	282.8	273.9	264.3	253.7	239.3	223.2	205.1	183.9	160.4	135.5	111.4
-45°	275.0	266.2	256.3	244.3	230.4	213.9	195.2	174.7	151.0	127.5	104.6
-47.5°	266.5	257.4	246.9	234.6	220.0	203.8	184.8	163.9	141.3	119.2	97.8
-50°	256.9	247.5	236.5	223.5	209.2	192.1	173.7	152.8	131.7	110.6	90.6
-52.5°	246.4	236.4	224.7	211.5	196.5	180.0	161.2	141.4	121.7	102.1	83.2
-55°	234.7	223.5	211.5	198.0	183.1	166.4	148.4	130.0	111.4	93.4	75.6
-57.5°	220.4	209.3	196.8	183.5	168.4	152.1	135.4	118.2	101.2	84.4	68.8
-60°	204.9	193.3	181.3	167.3	152.6	137.6	122.1	106.3	90.9	75.4	61.9
-62.5°	187.8	176.5	163.3	150.1	136.7	122.9	108.6	94.6	80.2	67.2	54.9
-65°	168.5	156.7	144.7	133.1	120.8	108.1	95.5	82.5	70.3	58.7	48.0
-67.5°	147.4	137.0	126.7	116.0	104.7	93.3	82.0	70.9	60.2	49.9	42.1
-70°	125.9	117.0	108.0	98.2	88.2	78.3	68.9	59.3	49.9	43.2	36.1
-72.5°	104.4	96.7	88.6	80.2	72.2	64.1	55.7	48.1	42.4	36.4	30.1
-75°	83.2	76.6	70.1	63.6	56.7	49.8	44.7	39.9	34.9	29.6	24.9
-77.5°	61.9	56.9	52.0	47.7	43.2	39.1	35.3	31.7	27.6	23.7	19.9
-80°	42.6	39.8	36.8	33.7	30.8	28.1	26.3	24.0	20.9	17.9	14.9
-82.5°	25.9	24.7	23.6	22.3	21.2	19.9	18.3	16.4	14.2	12.0	10.4
-85°	16.4	15.6	14.7	13.8	12.8	11.6	10.7	9.8	8.9	7.9	7.0
-87.5°	7.8	7.5	7.1	6.7	6.2	5.8	5.4	4.9	4.4	4.0	3.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	3.0	2.6	2.2	1.7	1.2	0.6	0.0
85°	6.0	5.2	4.3	3.4	2.3	1.2	0.0
82.5°	9.0	7.8	6.5	5.0	3.5	1.7	0.0
80°	12.1	10.4	8.6	6.7	4.6	2.3	0.0
77.5°	16.4	13.3	10.8	8.4	5.8	2.9	0.0
75°	20.6	16.8	13.0	10.0	6.9	3.4	0.0
72.5°	24.7	20.3	15.8	11.6	8.0	4.0	0.0
70°	29.0	23.7	18.5	13.3	9.1	4.5	0.0
67.5°	34.2	27.1	21.2	15.4	10.2	5.1	0.0
65°	39.3	30.9	23.9	17.4	11.2	5.6	0.0
62.5°	44.3	35.0	26.5	19.3	12.3	6.1	0.0
60°	49.2	39.0	29.1	21.2	13.3	6.6	0.0
57.5°	55.0	42.9	32.1	23.1	14.5	7.1	0.0
55°	60.7	46.6	35.1	24.9	15.7	7.6	0.0
52.5°	66.4	50.5	38.0	26.7	16.9	8.1	0.0
50°	71.8	55.0	40.8	28.4	18.0	8.5	0.0
47.5°	77.2	59.4	43.5	30.2	19.1	9.0	0.0
45°	83.0	63.6	46.1	32.1	20.1	9.4	0.0
42.5°	88.6	67.6	48.5	33.9	21.1	9.8	0.0
40°	93.9	71.4	51.2	35.7	22.1	10.2	0.0
37.5°	98.9	75.1	54.2	37.3	23.0	10.6	0.0
35°	103.6	78.9	56.9	38.8	23.8	10.9	0.0
32.5°	108.1	82.5	59.5	40.1	24.6	11.2	0.0
30°	112.6	86.0	61.9	41.4	25.4	11.5	0.0
27.5°	116.7	89.1	64.1	42.6	26.1	11.8	0.0
25°	120.5	92.0	66.2	43.7	26.7	12.1	0.0
22.5°	124.0	94.6	68.0	44.6	27.3	12.3	0.0
20°	127.1	97.0	69.7	45.4	27.8	12.5	0.0
17.5°	129.9	99.1	71.2	46.2	28.3	12.7	0.0
15°	132.4	100.9	72.5	46.8	28.7	12.8	0.0
12.5°	134.5	102.5	73.7	47.3	29.0	13.0	0.0
10°	136.2	103.8	74.6	47.7	29.3	13.1	0.0
7.5°	137.6	104.8	75.3	47.9	29.5	13.2	0.0
5°	138.5	105.5	75.9	48.1	29.7	13.2	0.0
2.5°	139.1	106.0	76.2	48.2	29.8	13.3	0.0
0°	139.3	106.1	76.3	48.1	29.8	13.3	0.0
-2.5°	139.1	106.0	76.2	48.2	29.8	13.3	0.0
-5°	138.5	105.5	75.9	48.1	29.7	13.2	0.0
-7.5°	137.6	104.8	75.3	47.9	29.5	13.2	0.0
-10°	136.2	103.8	74.6	47.7	29.3	13.1	0.0
-12.5°	134.5	102.5	73.7	47.3	29.0	13.0	0.0
-15°	132.4	100.9	72.5	46.8	28.7	12.8	0.0
-17.5°	129.9	99.1	71.2	46.2	28.3	12.7	0.0
-20°	127.1	97.0	69.7	45.4	27.8	12.5	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	124.0	94.6	68.0	44.6	27.3	12.3	0.0
-25°	120.5	92.0	66.2	43.7	26.7	12.1	0.0
-27.5°	116.7	89.1	64.1	42.6	26.1	11.8	0.0
-30°	112.6	86.0	61.9	41.4	25.4	11.5	0.0
-32.5°	108.1	82.5	59.5	40.1	24.6	11.2	0.0
-35°	103.6	78.9	56.9	38.8	23.8	10.9	0.0
-37.5°	98.9	75.1	54.2	37.3	23.0	10.6	0.0
-40°	93.9	71.4	51.2	35.7	22.1	10.2	0.0
-42.5°	88.6	67.6	48.5	33.9	21.1	9.8	0.0
-45°	83.0	63.6	46.1	32.1	20.1	9.4	0.0
-47.5°	77.2	59.4	43.5	30.2	19.1	9.0	0.0
-50°	71.8	55.0	40.8	28.4	18.0	8.5	0.0
-52.5°	66.4	50.5	38.0	26.7	16.9	8.1	0.0
-55°	60.7	46.6	35.1	24.9	15.7	7.6	0.0
-57.5°	55.0	42.9	32.1	23.1	14.5	7.1	0.0
-60°	49.2	39.0	29.1	21.2	13.3	6.6	0.0
-62.5°	44.3	35.0	26.5	19.3	12.3	6.1	0.0
-65°	39.3	30.9	23.9	17.4	11.2	5.6	0.0
-67.5°	34.2	27.1	21.2	15.4	10.2	5.1	0.0
-70°	29.0	23.7	18.5	13.3	9.1	4.5	0.0
-72.5°	24.7	20.3	15.8	11.6	8.0	4.0	0.0
-75°	20.6	16.8	13.0	10.0	6.9	3.4	0.0
-77.5°	16.4	13.3	10.8	8.4	5.8	2.9	0.0
-80°	12.1	10.4	8.6	6.7	4.6	2.3	0.0
-82.5°	9.0	7.8	6.5	5.0	3.5	1.7	0.0
-85°	6.0	5.2	4.3	3.4	2.3	1.2	0.0
-87.5°	3.0	2.6	2.2	1.7	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)