

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: P559017 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559017 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)  
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-TSB-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, TIGHT SPOT BAFFLE N1  
Light Source: (80) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

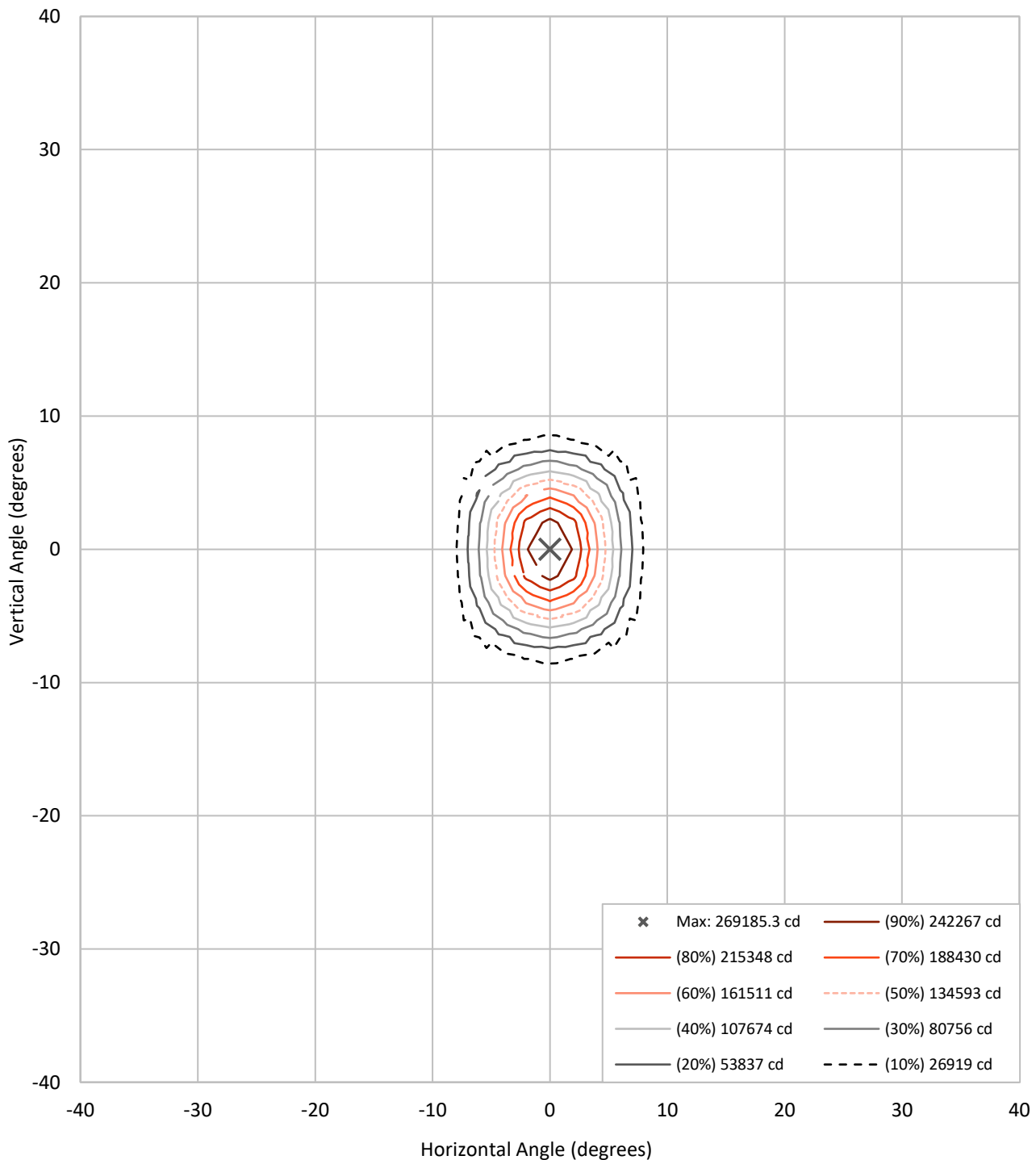
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	10482.7 lumens	Max Intensity:	269185.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	68.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	4493.1 lumens	Field Lumens:	7743.7 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

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





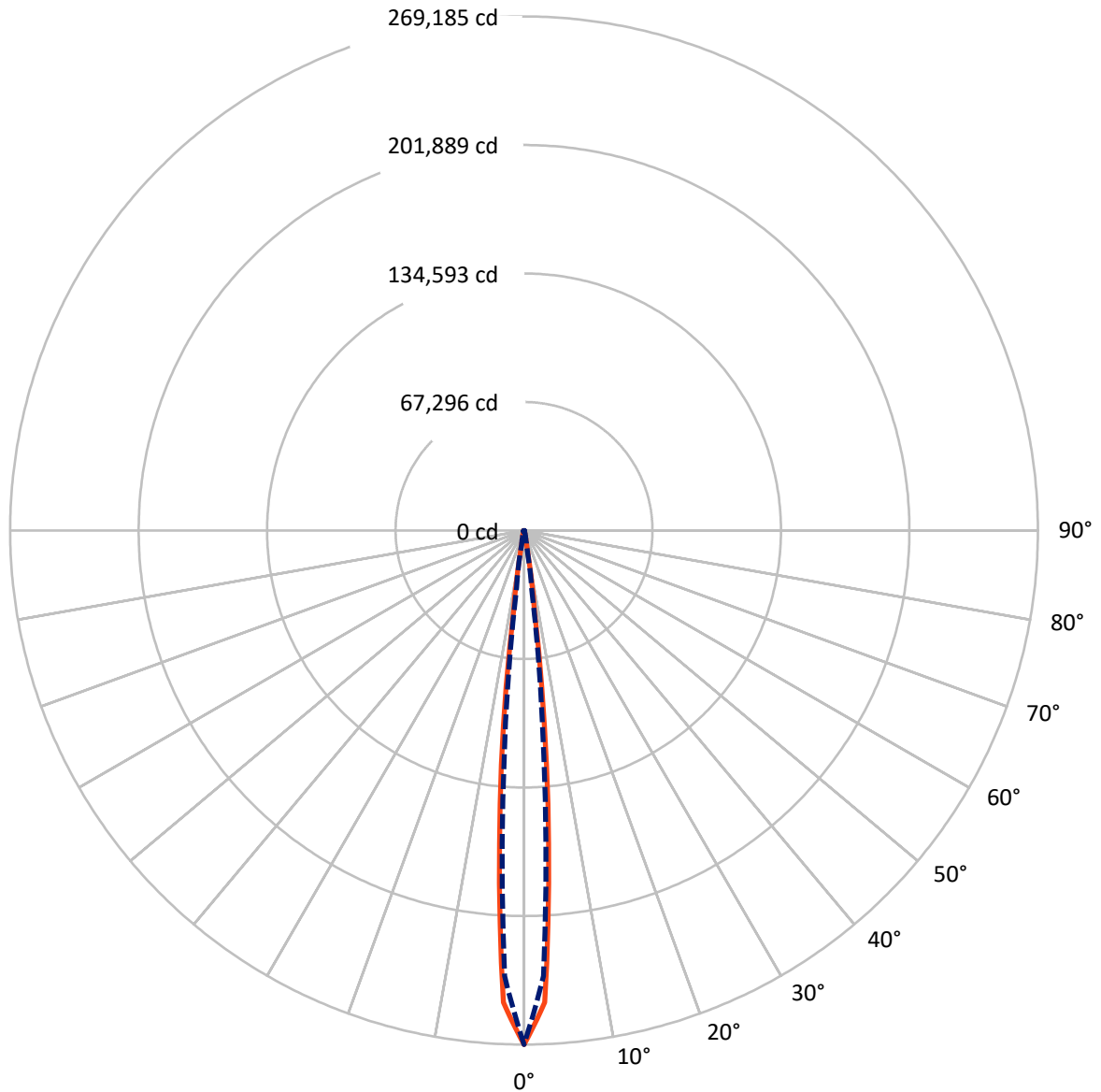
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### Lumen Table

90																
80	0.0	0.3		1.1		2.5		4.3		2.5		1.1		0.3		0.0
70																
60	0.2	0.2	0.6	1.2	1.8	2.3	3.7	6.5	6.5	3.7	2.3	1.8	1.2	0.6	0.2	0.2
50		0.4	1.0	2.1	3.4	4.6	6.2	8.5	8.5	6.2	4.6	3.4	2.1	1.0	0.4	
40	0.5	0.7	1.6	3.4	5.9	8.9	11.4	13.6	13.6	11.4	8.9	5.9	3.4	1.6	0.7	0.5
30		1.2	2.3	5.1	9.2	12.4	14.0	14.9	14.9	14.0	12.4	9.2	5.1	2.3	1.2	
20	1.1	1.7	3.2	7.2	11.3	13.5	18.4	24.2	24.2	18.4	13.5	11.3	7.2	3.2	1.7	1.1
10		2.3	4.5	9.1	12.5	17.8	36.0	72.0	72.0	36.0	17.8	12.5	9.1	4.5	2.3	
0	1.2	2.6	5.4	10.2	13.0	22.8	71.2	2106.1	2106.1	71.2	22.8	13.0	10.2	5.4	2.6	1.2
-10		2.6	5.4	10.2	13.0	22.8	71.2	2106.1	2106.1	71.2	22.8	13.0	10.2	5.4	2.6	
-20	1.1	2.3	4.5	9.1	12.5	17.8	36.0	72.0	72.0	36.0	17.8	12.5	9.1	4.5	2.3	1.1
-30		1.7	3.2	7.2	11.3	13.5	18.4	24.2	24.2	18.4	13.5	11.3	7.2	3.2	1.7	
-40	0.5	1.2	2.3	5.1	9.2	12.4	14.0	14.9	14.9	14.0	12.4	9.2	5.1	2.3	1.2	0.5
-50		0.7	1.6	3.4	5.9	8.9	11.4	13.6	13.6	11.4	8.9	5.9	3.4	1.6	0.7	
-60	0.2	0.4	1.0	2.1	3.4	4.6	6.2	8.5	8.5	6.2	4.6	3.4	2.1	1.0	0.4	0.2
-70		0.2	0.6	1.2	1.8	2.3	3.7	6.5	6.5	3.7	2.3	1.8	1.2	0.6	0.2	
-80																
-90	0.0	0.3		1.1		2.5		4.3		2.5		1.1		0.3		0.0

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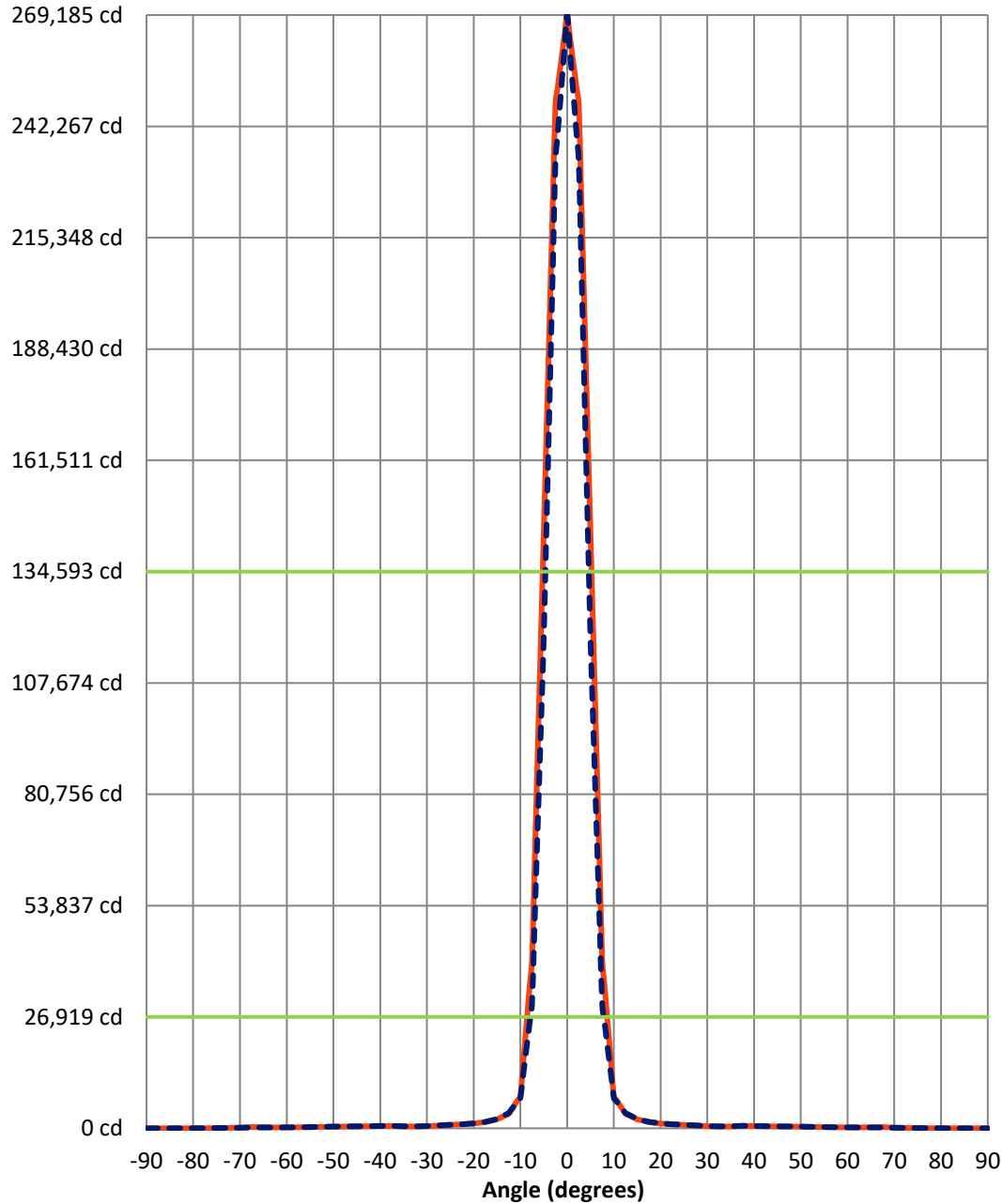
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 9.3°  
 V Angle: 10.4°  
 Lumens: 4493.1  
 Efficiency: 42.9%

**Field:**  
 H Angle: 15.7°  
 V Angle: 17.1°  
 Lumens: 7743.7  
 Efficiency: 73.9%

**Spill:**  
 Lumens: 2739  
 Efficiency: 26.1%

— 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	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.1	1.2	1.3
85°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.1	2.4	2.6
82.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.1	3.1
80°	0.0	0.5	1.1	1.6	2.1	2.7	3.1	3.1	3.1	3.1	3.1
77.5°	0.0	0.7	1.3	2.0	2.7	3.1	3.1	3.1	3.1	3.1	3.4
75°	0.0	0.8	1.6	2.4	3.1	3.1	3.1	3.1	3.2	4.1	4.7
72.5°	0.0	0.9	1.9	2.8	3.1	3.1	3.1	3.4	4.5	5.4	6.0
70°	0.0	1.1	2.1	3.1	3.1	3.1	3.2	4.7	5.8	6.8	8.4
67.5°	0.0	1.2	2.4	3.1	3.1	3.1	4.4	5.9	7.2	9.2	11.0
65°	0.0	1.3	2.6	3.1	3.1	3.6	5.6	7.2	9.5	11.7	14.1
62.5°	0.0	1.4	2.9	3.1	3.1	4.6	6.7	9.0	11.8	14.5	18.0
60°	0.0	1.5	3.1	3.1	3.1	5.6	7.9	11.1	14.1	18.3	22.1
57.5°	0.0	1.7	3.1	3.1	3.9	6.6	9.8	13.2	17.4	22.2	26.7
55°	0.0	1.8	3.1	3.1	4.7	7.6	11.9	15.5	21.0	26.3	31.7
52.5°	0.0	1.9	3.2	3.1	5.5	8.8	14.1	18.9	24.6	31.0	36.8
50°	0.0	2.0	3.2	3.1	6.3	10.7	16.3	22.6	28.4	35.8	42.9
47.5°	0.0	2.1	3.2	3.2	7.1	12.6	18.7	26.4	32.8	40.7	49.4
45°	0.0	2.2	3.3	3.8	7.8	14.5	22.1	30.4	38.1	46.8	56.0
42.5°	0.0	2.3	3.3	4.4	8.6	16.5	25.6	34.9	43.5	53.0	63.9
40°	0.0	2.4	3.4	4.9	9.7	18.4	29.1	39.8	49.6	59.5	72.3
37.5°	0.0	2.5	3.4	5.4	11.2	20.4	32.7	44.8	56.4	67.7	81.0
35°	0.0	2.5	3.5	5.9	12.7	22.9	36.3	49.9	63.3	77.2	89.3
32.5°	0.0	2.6	3.6	6.3	14.1	25.7	40.0	55.1	70.3	87.0	99.9
30°	0.0	2.7	3.6	6.7	15.5	28.5	44.2	60.5	77.4	97.2	111.7
27.5°	0.0	2.7	3.7	7.0	16.4	31.2	48.3	66.3	85.0	107.7	124.8
25°	0.0	2.8	3.8	7.2	17.1	33.8	52.4	72.0	93.6	118.6	138.9
22.5°	0.0	2.9	3.9	7.5	17.7	35.9	56.4	77.6	102.2	130.0	150.8
20°	0.0	2.9	4.0	7.6	18.1	36.6	60.2	83.1	110.7	142.0	162.5
17.5°	0.0	3.0	4.1	7.8	18.3	37.1	62.3	88.4	119.1	154.3	174.1
15°	0.0	3.0	4.1	7.8	18.4	37.3	63.0	92.2	127.3	166.7	185.4
12.5°	0.0	3.0	4.2	7.9	18.4	37.2	63.5	94.2	132.6	179.1	196.5
10°	0.0	3.1	4.3	7.9	18.3	37.0	63.7	95.9	135.3	183.9	204.3
7.5°	0.0	3.1	4.4	7.9	18.1	36.4	63.5	97.4	137.3	186.7	205.7
5°	0.0	3.1	4.5	7.9	17.7	35.7	63.1	98.5	138.7	188.7	206.9
2.5°	0.0	3.1	4.5	7.8	17.3	34.8	62.4	99.2	139.4	189.8	207.7
0°	0.0	3.1	4.6	7.7	16.8	33.7	61.3	99.5	139.4	189.9	208.3
-2.5°	0.0	3.1	4.5	7.8	17.3	34.8	62.4	99.2	139.4	189.8	207.7
-5°	0.0	3.1	4.5	7.9	17.7	35.7	63.1	98.5	138.7	188.7	206.9
-7.5°	0.0	3.1	4.4	7.9	18.1	36.4	63.5	97.4	137.3	186.7	205.7
-10°	0.0	3.1	4.3	7.9	18.3	37.0	63.7	95.9	135.3	183.9	204.3
-12.5°	0.0	3.0	4.2	7.9	18.4	37.2	63.5	94.2	132.6	179.1	196.5
-15°	0.0	3.0	4.1	7.8	18.4	37.3	63.0	92.2	127.3	166.7	185.4
-17.5°	0.0	3.0	4.1	7.8	18.3	37.1	62.3	88.4	119.1	154.3	174.1
-20°	0.0	2.9	4.0	7.6	18.1	36.6	60.2	83.1	110.7	142.0	162.5



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 CATALOG NUMBER: GFLD-SA5B-930-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.9	3.9	7.5	17.7	35.9	56.4	77.6	102.2	130.0	150.8
-25°	0.0	2.8	3.8	7.2	17.1	33.8	52.4	72.0	93.6	118.6	138.9
-27.5°	0.0	2.7	3.7	7.0	16.4	31.2	48.3	66.3	85.0	107.7	124.8
-30°	0.0	2.7	3.6	6.7	15.5	28.5	44.2	60.5	77.4	97.2	111.7
-32.5°	0.0	2.6	3.6	6.3	14.1	25.7	40.0	55.1	70.3	87.0	99.9
-35°	0.0	2.5	3.5	5.9	12.7	22.9	36.3	49.9	63.3	77.2	89.3
-37.5°	0.0	2.5	3.4	5.4	11.2	20.4	32.7	44.8	56.4	67.7	81.0
-40°	0.0	2.4	3.4	4.9	9.7	18.4	29.1	39.8	49.6	59.5	72.3
-42.5°	0.0	2.3	3.3	4.4	8.6	16.5	25.6	34.9	43.5	53.0	63.9
-45°	0.0	2.2	3.3	3.8	7.8	14.5	22.1	30.4	38.1	46.8	56.0
-47.5°	0.0	2.1	3.2	3.2	7.1	12.6	18.7	26.4	32.8	40.7	49.4
-50°	0.0	2.0	3.2	3.1	6.3	10.7	16.3	22.6	28.4	35.8	42.9
-52.5°	0.0	1.9	3.2	3.1	5.5	8.8	14.1	18.9	24.6	31.0	36.8
-55°	0.0	1.8	3.1	3.1	4.7	7.6	11.9	15.5	21.0	26.3	31.7
-57.5°	0.0	1.7	3.1	3.1	3.9	6.6	9.8	13.2	17.4	22.2	26.7
-60°	0.0	1.5	3.1	3.1	3.1	5.6	7.9	11.1	14.1	18.3	22.1
-62.5°	0.0	1.4	2.9	3.1	3.1	4.6	6.7	9.0	11.8	14.5	18.0
-65°	0.0	1.3	2.6	3.1	3.1	3.6	5.6	7.2	9.5	11.7	14.1
-67.5°	0.0	1.2	2.4	3.1	3.1	3.1	4.4	5.9	7.2	9.2	11.0
-70°	0.0	1.1	2.1	3.1	3.1	3.1	3.2	4.7	5.8	6.8	8.4
-72.5°	0.0	0.9	1.9	2.8	3.1	3.1	3.1	3.4	4.5	5.4	6.0
-75°	0.0	0.8	1.6	2.4	3.1	3.1	3.1	3.1	3.2	4.1	4.7
-77.5°	0.0	0.7	1.3	2.0	2.7	3.1	3.1	3.1	3.1	3.1	3.4
-80°	0.0	0.5	1.1	1.6	2.1	2.7	3.1	3.1	3.1	3.1	3.1
-82.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.1	3.1
-85°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.1	2.4	2.6
-87.5°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.1	1.2	1.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.2	1.2	1.0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.2
85°	2.5	2.3	2.0	1.7	1.8	2.0	2.1	2.2	2.3	2.4	2.4
82.5°	2.9	2.7	2.6	2.7	2.8	3.0	3.2	3.5	3.7	4.0	4.2
80°	3.0	3.1	3.5	4.0	4.4	4.8	5.2	5.6	5.9	6.5	7.3
77.5°	4.0	4.6	5.1	5.7	6.3	7.5	8.5	9.4	10.5	11.7	13.0
75°	5.3	6.0	7.5	9.2	10.8	12.0	13.1	14.8	16.8	19.0	21.2
72.5°	7.3	9.2	11.2	13.4	16.0	18.1	20.2	22.2	25.5	29.1	31.8
70°	10.1	12.4	15.6	19.0	22.3	25.2	29.4	34.4	39.4	42.0	43.5
67.5°	13.1	16.7	20.6	24.7	29.3	34.1	39.9	45.3	50.4	52.5	54.4
65°	16.9	21.1	25.8	31.0	36.3	42.0	47.9	53.9	59.3	62.0	65.2
62.5°	20.8	25.8	31.3	37.1	42.9	49.1	56.3	62.4	67.0	72.5	78.9
60°	25.6	30.6	36.8	43.2	49.9	58.6	65.8	72.5	78.7	85.0	94.7
57.5°	30.7	35.5	42.4	49.9	59.1	69.0	77.2	84.5	93.0	102.0	111.8
55°	36.2	40.5	48.3	57.6	68.2	79.9	89.5	99.5	109.4	117.3	126.0
52.5°	42.5	46.4	54.6	65.2	77.6	90.7	103.5	113.9	123.1	131.8	141.7
50°	49.0	54.0	60.6	73.5	87.2	102.1	116.6	127.0	137.4	147.8	158.9
47.5°	56.7	62.2	67.8	81.7	97.2	112.5	127.5	140.8	152.4	166.1	178.9
45°	65.0	71.5	77.5	90.4	106.3	121.9	138.5	154.6	170.8	187.1	207.5
42.5°	73.8	81.0	88.6	98.5	114.5	131.7	149.5	170.9	191.5	214.1	240.6
40°	82.4	90.3	99.4	108.4	122.5	141.7	163.4	187.4	216.5	245.8	277.9
37.5°	90.7	99.8	109.6	119.0	131.5	153.0	177.0	207.6	242.6	279.7	320.5
35°	98.9	109.0	119.0	130.0	144.0	165.0	194.6	229.3	271.3	318.1	355.4
32.5°	107.0	117.7	127.9	141.2	158.5	179.9	211.5	255.2	303.6	351.1	376.0
30°	117.0	125.7	136.8	151.8	172.6	200.0	234.2	281.3	336.3	368.8	392.0
27.5°	130.4	133.5	146.1	163.6	187.1	219.6	262.2	311.2	356.7	385.2	406.0
25°	143.6	146.9	154.8	175.5	204.6	242.9	290.7	346.5	373.6	397.6	421.7
22.5°	156.2	159.7	169.6	186.8	221.5	266.6	322.1	371.0	396.8	412.1	438.2
20°	168.1	173.4	185.7	205.5	238.8	289.0	352.6	393.7	418.2	436.6	460.7
17.5°	179.6	186.8	201.9	226.1	263.1	314.2	380.4	416.3	440.2	458.0	487.8
15°	190.6	200.0	217.5	245.2	285.8	341.2	398.9	434.8	460.6	478.1	512.9
12.5°	201.4	212.7	232.4	263.1	306.3	364.7	414.6	446.8	472.5	499.3	535.2
10°	211.8	225.1	246.7	279.6	324.5	385.0	427.7	456.5	482.1	516.2	553.6
7.5°	213.4	231.3	258.3	294.8	340.8	402.2	438.5	464.0	491.8	531.6	570.3
5°	213.4	230.8	259.2	298.8	348.5	412.3	446.1	469.7	501.2	545.4	585.2
2.5°	213.2	229.8	259.4	300.0	350.4	413.3	447.2	471.2	506.5	558.9	598.9
0°	212.9	228.2	258.8	300.1	350.7	411.9	447.2	471.7	509.9	571.2	611.0
-2.5°	213.2	229.8	259.4	300.0	350.4	413.3	447.2	471.2	506.5	558.9	598.9
-5°	213.4	230.8	259.2	298.8	348.5	412.3	446.1	469.7	501.2	545.4	585.2
-7.5°	213.4	231.3	258.3	294.8	340.8	402.2	438.5	464.0	491.8	531.6	570.3
-10°	211.8	225.1	246.7	279.6	324.5	385.0	427.7	456.5	482.1	516.2	553.6
-12.5°	201.4	212.7	232.4	263.1	306.3	364.7	414.6	446.8	472.5	499.3	535.2
-15°	190.6	200.0	217.5	245.2	285.8	341.2	398.9	434.8	460.6	478.1	512.9
-17.5°	179.6	186.8	201.9	226.1	263.1	314.2	380.4	416.3	440.2	458.0	487.8
-20°	168.1	173.4	185.7	205.5	238.8	289.0	352.6	393.7	418.2	436.6	460.7



REPORT NUMBER: P559017 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-930-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	156.2	159.7	169.6	186.8	221.5	266.6	322.1	371.0	396.8	412.1	438.2
-25°	143.6	146.9	154.8	175.5	204.6	242.9	290.7	346.5	373.6	397.6	421.7
-27.5°	130.4	133.5	146.1	163.6	187.1	219.6	262.2	311.2	356.7	385.2	406.0
-30°	117.0	125.7	136.8	151.8	172.6	200.0	234.2	281.3	336.3	368.8	392.0
-32.5°	107.0	117.7	127.9	141.2	158.5	179.9	211.5	255.2	303.6	351.1	376.0
-35°	98.9	109.0	119.0	130.0	144.0	165.0	194.6	229.3	271.3	318.1	355.4
-37.5°	90.7	99.8	109.6	119.0	131.5	153.0	177.0	207.6	242.6	279.7	320.5
-40°	82.4	90.3	99.4	108.4	122.5	141.7	163.4	187.4	216.5	245.8	277.9
-42.5°	73.8	81.0	88.6	98.5	114.5	131.7	149.5	170.9	191.5	214.1	240.6
-45°	65.0	71.5	77.5	90.4	106.3	121.9	138.5	154.6	170.8	187.1	207.5
-47.5°	56.7	62.2	67.8	81.7	97.2	112.5	127.5	140.8	152.4	166.1	178.9
-50°	49.0	54.0	60.6	73.5	87.2	102.1	116.6	127.0	137.4	147.8	158.9
-52.5°	42.5	46.4	54.6	65.2	77.6	90.7	103.5	113.9	123.1	131.8	141.7
-55°	36.2	40.5	48.3	57.6	68.2	79.9	89.5	99.5	109.4	117.3	126.0
-57.5°	30.7	35.5	42.4	49.9	59.1	69.0	77.2	84.5	93.0	102.0	111.8
-60°	25.6	30.6	36.8	43.2	49.9	58.6	65.8	72.5	78.7	85.0	94.7
-62.5°	20.8	25.8	31.3	37.1	42.9	49.1	56.3	62.4	67.0	72.5	78.9
-65°	16.9	21.1	25.8	31.0	36.3	42.0	47.9	53.9	59.3	62.0	65.2
-67.5°	13.1	16.7	20.6	24.7	29.3	34.1	39.9	45.3	50.4	52.5	54.4
-70°	10.1	12.4	15.6	19.0	22.3	25.2	29.4	34.4	39.4	42.0	43.5
-72.5°	7.3	9.2	11.2	13.4	16.0	18.1	20.2	22.2	25.5	29.1	31.8
-75°	5.3	6.0	7.5	9.2	10.8	12.0	13.1	14.8	16.8	19.0	21.2
-77.5°	4.0	4.6	5.1	5.7	6.3	7.5	8.5	9.4	10.5	11.7	13.0
-80°	3.0	3.1	3.5	4.0	4.4	4.8	5.2	5.6	5.9	6.5	7.3
-82.5°	2.9	2.7	2.6	2.7	2.8	3.0	3.2	3.5	3.7	4.0	4.2
-85°	2.5	2.3	2.0	1.7	1.8	2.0	2.1	2.2	2.3	2.4	2.4
-87.5°	1.2	1.2	1.0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.2
-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: P559017 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-930-U-TSB-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°	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5
85°	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3.0	3.0	3.0	3.1
82.5°	4.5	4.7	4.9	5.1	5.3	5.4	5.6	5.7	5.8	5.9	6.0
80°	8.2	8.8	9.3	9.7	10.0	11.1	12.4	13.8	15.2	15.8	16.1
77.5°	14.6	15.7	16.4	16.9	17.2	19.6	22.7	25.9	29.2	30.9	32.3
75°	23.2	24.5	25.3	25.9	26.3	30.0	35.4	41.1	47.0	50.1	52.3
72.5°	33.7	34.7	35.5	36.3	36.7	42.1	51.9	62.6	73.9	80.8	85.9
70°	44.8	46.0	47.0	47.8	48.4	54.9	69.2	84.0	99.4	114.8	131.2
67.5°	56.6	59.2	60.5	61.3	62.1	67.6	82.8	96.8	109.7	137.5	181.4
65°	69.6	75.4	77.9	79.3	79.8	82.4	95.3	107.0	117.6	139.2	172.7
62.5°	86.0	93.8	97.4	99.0	99.9	100.1	110.6	120.5	129.5	143.0	164.3
60°	103.7	112.1	116.5	117.8	118.5	118.9	127.3	137.1	146.0	157.1	176.9
57.5°	120.0	127.8	134.4	137.0	139.0	140.5	147.9	159.3	169.9	181.0	202.3
55°	135.5	145.0	154.1	159.1	163.8	167.9	175.3	189.7	203.4	216.3	238.4
52.5°	152.4	164.7	176.8	185.8	194.7	202.5	210.4	229.0	247.3	264.5	286.0
50°	172.6	187.7	205.3	220.2	232.9	245.5	256.8	278.8	303.6	327.1	349.7
47.5°	198.2	218.1	240.6	261.8	279.1	298.6	316.3	338.9	360.8	382.7	401.4
45°	229.6	257.2	283.2	311.3	336.0	348.9	359.1	373.2	395.7	417.2	434.7
42.5°	269.8	301.9	333.9	354.8	370.7	381.1	388.6	396.0	419.6	440.3	457.2
40°	314.5	346.7	366.5	383.6	394.6	403.9	415.6	427.1	445.6	466.9	485.7
37.5°	353.2	373.9	391.3	404.7	418.0	430.4	447.2	463.8	481.4	505.2	522.7
35°	377.1	395.3	412.9	429.7	446.8	465.8	486.8	511.2	532.8	513.1	484.8
32.5°	395.3	414.0	435.2	461.3	484.7	510.7	537.0	494.7	451.3	434.4	437.8
30°	411.2	432.8	462.1	496.1	528.7	517.0	459.2	439.0	444.9	456.8	479.7
27.5°	428.2	455.2	490.8	532.6	506.9	442.9	446.3	458.0	497.7	531.3	582.4
25°	448.2	480.8	525.0	505.7	447.0	453.1	482.8	527.6	603.1	673.6	735.2
22.5°	472.4	513.9	519.8	447.2	455.1	493.9	554.1	651.1	742.8	828.0	891.5
20°	497.0	544.9	471.2	455.9	489.9	559.2	671.1	782.4	884.8	961.0	1024.6
17.5°	526.4	509.5	457.4	473.7	542.7	662.3	788.2	906.2	1002.8	1134.5	1246.6
15°	552.2	475.4	465.8	519.7	623.4	758.0	894.8	1000.8	1175.4	1364.0	1554.8
12.5°	537.4	463.4	480.8	560.6	696.9	842.5	963.4	1131.2	1362.1	1637.7	2051.8
10°	515.6	470.2	512.7	617.2	759.9	901.7	1027.3	1247.2	1552.0	2058.2	2710.3
7.5°	498.6	473.1	533.8	660.7	806.7	937.4	1104.9	1371.6	1796.4	2490.9	3879.2
5°	485.8	473.0	543.5	685.8	834.5	962.1	1152.8	1462.0	2035.9	3025.3	5397.8
2.5°	480.1	470.5	546.2	699.3	848.0	975.9	1182.5	1527.0	2187.1	3521.8	7097.8
0°	483.9	465.5	545.2	704.4	856.0	973.9	1186.8	1546.7	2232.7	3705.1	7325.9
-2.5°	480.1	470.5	546.2	699.3	848.0	975.9	1182.5	1527.0	2187.1	3521.8	7097.8
-5°	485.8	473.0	543.5	685.8	834.5	962.1	1152.8	1462.0	2035.9	3025.3	5397.8
-7.5°	498.6	473.1	533.8	660.7	806.7	937.4	1104.9	1371.6	1796.4	2490.9	3879.2
-10°	515.6	470.2	512.7	617.2	759.9	901.7	1027.3	1247.2	1552.0	2058.2	2710.3
-12.5°	537.4	463.4	480.8	560.6	696.9	842.5	963.4	1131.2	1362.1	1637.7	2051.8
-15°	552.2	475.4	465.8	519.7	623.4	758.0	894.8	1000.8	1175.4	1364.0	1554.8
-17.5°	526.4	509.5	457.4	473.7	542.7	662.3	788.2	906.2	1002.8	1134.5	1246.6
-20°	497.0	544.9	471.2	455.9	489.9	559.2	671.1	782.4	884.8	961.0	1024.6



REPORT NUMBER: P559017 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-930-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	472.4	513.9	519.8	447.2	455.1	493.9	554.1	651.1	742.8	828.0	891.5
-25°	448.2	480.8	525.0	505.7	447.0	453.1	482.8	527.6	603.1	673.6	735.2
-27.5°	428.2	455.2	490.8	532.6	506.9	442.9	446.3	458.0	497.7	531.3	582.4
-30°	411.2	432.8	462.1	496.1	528.7	517.0	459.2	439.0	444.9	456.8	479.7
-32.5°	395.3	414.0	435.2	461.3	484.7	510.7	537.0	494.7	451.3	434.4	437.8
-35°	377.1	395.3	412.9	429.7	446.8	465.8	486.8	511.2	532.8	513.1	484.8
-37.5°	353.2	373.9	391.3	404.7	418.0	430.4	447.2	463.8	481.4	505.2	522.7
-40°	314.5	346.7	366.5	383.6	394.6	403.9	415.6	427.1	445.6	466.9	485.7
-42.5°	269.8	301.9	333.9	354.8	370.7	381.1	388.6	396.0	419.6	440.3	457.2
-45°	229.6	257.2	283.2	311.3	336.0	348.9	359.1	373.2	395.7	417.2	434.7
-47.5°	198.2	218.1	240.6	261.8	279.1	298.6	316.3	338.9	360.8	382.7	401.4
-50°	172.6	187.7	205.3	220.2	232.9	245.5	256.8	278.8	303.6	327.1	349.7
-52.5°	152.4	164.7	176.8	185.8	194.7	202.5	210.4	229.0	247.3	264.5	286.0
-55°	135.5	145.0	154.1	159.1	163.8	167.9	175.3	189.7	203.4	216.3	238.4
-57.5°	120.0	127.8	134.4	137.0	139.0	140.5	147.9	159.3	169.9	181.0	202.3
-60°	103.7	112.1	116.5	117.8	118.5	118.9	127.3	137.1	146.0	157.1	176.9
-62.5°	86.0	93.8	97.4	99.0	99.9	100.1	110.6	120.5	129.5	143.0	164.3
-65°	69.6	75.4	77.9	79.3	79.8	82.4	95.3	107.0	117.6	139.2	172.7
-67.5°	56.6	59.2	60.5	61.3	62.1	67.6	82.8	96.8	109.7	137.5	181.4
-70°	44.8	46.0	47.0	47.8	48.4	54.9	69.2	84.0	99.4	114.8	131.2
-72.5°	33.7	34.7	35.5	36.3	36.7	42.1	51.9	62.6	73.9	80.8	85.9
-75°	23.2	24.5	25.3	25.9	26.3	30.0	35.4	41.1	47.0	50.1	52.3
-77.5°	14.6	15.7	16.4	16.9	17.2	19.6	22.7	25.9	29.2	30.9	32.3
-80°	8.2	8.8	9.3	9.7	10.0	11.1	12.4	13.8	15.2	15.8	16.1
-82.5°	4.5	4.7	4.9	5.1	5.3	5.4	5.6	5.7	5.8	5.9	6.0
-85°	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3.0	3.0	3.0	3.1
-87.5°	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5
-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: P559017 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-930-U-TSB-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°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4
85°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0
82.5°	6.0	6.1	6.1	6.1	6.1	6.1	6.0	6.0	5.9	5.8	5.7
80°	16.4	16.6	16.0	15.3	16.0	16.6	16.4	16.1	15.8	15.2	13.8
77.5°	33.6	34.8	33.7	32.2	33.7	34.8	33.6	32.3	30.9	29.2	25.9
75°	54.3	56.1	55.1	53.6	55.1	56.1	54.3	52.3	50.1	47.0	41.1
72.5°	90.7	95.1	94.0	91.9	94.0	95.1	90.7	85.9	80.8	73.9	62.6
70°	148.4	165.9	165.1	160.8	165.1	165.9	148.4	131.2	114.8	99.4	84.0
67.5°	228.8	278.2	293.9	301.7	293.9	278.2	228.8	181.4	137.5	109.7	96.8
65°	203.8	233.6	245.4	254.2	245.4	233.6	203.8	172.7	139.2	117.6	107.0
62.5°	183.3	201.0	204.8	205.2	204.8	201.0	183.3	164.3	143.0	129.5	120.5
60°	196.2	214.9	217.8	214.4	217.8	214.9	196.2	176.9	157.1	146.0	137.1
57.5°	222.8	242.5	246.1	242.0	246.1	242.5	222.8	202.3	181.0	169.9	159.3
55°	259.6	279.5	286.1	284.8	286.1	279.5	259.6	238.4	216.3	203.4	189.7
52.5°	306.6	324.9	332.5	332.3	332.5	324.9	306.6	286.0	264.5	247.3	229.0
50°	369.4	385.8	394.0	395.1	394.0	385.8	369.4	349.7	327.1	303.6	278.8
47.5°	414.7	425.5	431.1	431.8	431.1	425.5	414.7	401.4	382.7	360.8	338.9
45°	442.4	448.2	452.6	456.3	452.6	448.2	442.4	434.7	417.2	395.7	373.2
42.5°	468.5	480.6	489.5	491.6	489.5	480.6	468.5	457.2	440.3	419.6	396.0
40°	503.5	520.2	536.1	552.8	536.1	520.2	503.5	485.7	466.9	445.6	427.1
37.5°	540.9	559.4	574.8	583.4	574.8	559.4	540.9	522.7	505.2	481.4	463.8
35°	464.8	452.6	445.4	442.6	445.4	452.6	464.8	484.8	513.1	532.8	511.2
32.5°	439.9	440.8	439.3	436.4	439.3	440.8	439.9	437.8	434.4	451.3	494.7
30°	496.7	504.8	505.8	505.3	505.8	504.8	496.7	479.7	456.8	444.9	439.0
27.5°	620.1	640.8	647.3	660.0	647.3	640.8	620.1	582.4	531.3	497.7	458.0
25°	782.9	814.1	829.1	834.6	829.1	814.1	782.9	735.2	673.6	603.1	527.6
22.5°	927.5	951.3	965.3	977.0	965.3	951.3	927.5	891.5	828.0	742.8	651.1
20°	1098.8	1142.3	1162.3	1163.8	1162.3	1142.3	1098.8	1024.6	961.0	884.8	782.4
17.5°	1366.4	1451.1	1493.4	1505.3	1493.4	1451.1	1366.4	1246.6	1134.5	1002.8	906.2
15°	1788.5	2004.6	2115.8	2168.4	2115.8	2004.6	1788.5	1554.8	1364.0	1175.4	1000.8
12.5°	2477.1	2964.4	3358.4	3506.8	3358.4	2964.4	2477.1	2051.8	1637.7	1362.1	1131.2
10°	3841.4	5296.6	6996.8	7789.9	6996.8	5296.6	3841.4	2710.3	2058.2	1552.0	1247.2
7.5°	7431.5	17254.5	33442.1	41164.0	33442.1	17254.5	7431.5	3879.2	2490.9	1796.4	1371.6
5°	15840.4	68362.1	122428.0	143802.1	122428.0	68362.1	15840.4	5397.8	3025.3	2035.9	1462.0
2.5°	25230.3	112122.8	211557.7	247372.9	211557.7	112122.8	25230.3	7097.8	3521.8	2187.1	1527.0
0°	30145.2	118156.8	233449.2	269185.3	233449.2	118156.8	30145.2	7325.9	3705.1	2232.7	1546.7
-2.5°	25230.3	112122.8	211557.7	247372.9	211557.7	112122.8	25230.3	7097.8	3521.8	2187.1	1527.0
-5°	15840.4	68362.1	122428.0	143802.1	122428.0	68362.1	15840.4	5397.8	3025.3	2035.9	1462.0
-7.5°	7431.5	17254.5	33442.1	41164.0	33442.1	17254.5	7431.5	3879.2	2490.9	1796.4	1371.6
-10°	3841.4	5296.6	6996.8	7789.9	6996.8	5296.6	3841.4	2710.3	2058.2	1552.0	1247.2
-12.5°	2477.1	2964.4	3358.4	3506.8	3358.4	2964.4	2477.1	2051.8	1637.7	1362.1	1131.2
-15°	1788.5	2004.6	2115.8	2168.4	2115.8	2004.6	1788.5	1554.8	1364.0	1175.4	1000.8
-17.5°	1366.4	1451.1	1493.4	1505.3	1493.4	1451.1	1366.4	1246.6	1134.5	1002.8	906.2
-20°	1098.8	1142.3	1162.3	1163.8	1162.3	1142.3	1098.8	1024.6	961.0	884.8	782.4



REPORT NUMBER: P559017 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-930-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	927.5	951.3	965.3	977.0	965.3	951.3	927.5	891.5	828.0	742.8	651.1
-25°	782.9	814.1	829.1	834.6	829.1	814.1	782.9	735.2	673.6	603.1	527.6
-27.5°	620.1	640.8	647.3	660.0	647.3	640.8	620.1	582.4	531.3	497.7	458.0
-30°	496.7	504.8	505.8	505.3	505.8	504.8	496.7	479.7	456.8	444.9	439.0
-32.5°	439.9	440.8	439.3	436.4	439.3	440.8	439.9	437.8	434.4	451.3	494.7
-35°	464.8	452.6	445.4	442.6	445.4	452.6	464.8	484.8	513.1	532.8	511.2
-37.5°	540.9	559.4	574.8	583.4	574.8	559.4	540.9	522.7	505.2	481.4	463.8
-40°	503.5	520.2	536.1	552.8	536.1	520.2	503.5	485.7	466.9	445.6	427.1
-42.5°	468.5	480.6	489.5	491.6	489.5	480.6	468.5	457.2	440.3	419.6	396.0
-45°	442.4	448.2	452.6	456.3	452.6	448.2	442.4	434.7	417.2	395.7	373.2
-47.5°	414.7	425.5	431.1	431.8	431.1	425.5	414.7	401.4	382.7	360.8	338.9
-50°	369.4	385.8	394.0	395.1	394.0	385.8	369.4	349.7	327.1	303.6	278.8
-52.5°	306.6	324.9	332.5	332.3	332.5	324.9	306.6	286.0	264.5	247.3	229.0
-55°	259.6	279.5	286.1	284.8	286.1	279.5	259.6	238.4	216.3	203.4	189.7
-57.5°	222.8	242.5	246.1	242.0	246.1	242.5	222.8	202.3	181.0	169.9	159.3
-60°	196.2	214.9	217.8	214.4	217.8	214.9	196.2	176.9	157.1	146.0	137.1
-62.5°	183.3	201.0	204.8	205.2	204.8	201.0	183.3	164.3	143.0	129.5	120.5
-65°	203.8	233.6	245.4	254.2	245.4	233.6	203.8	172.7	139.2	117.6	107.0
-67.5°	228.8	278.2	293.9	301.7	293.9	278.2	228.8	181.4	137.5	109.7	96.8
-70°	148.4	165.9	165.1	160.8	165.1	165.9	148.4	131.2	114.8	99.4	84.0
-72.5°	90.7	95.1	94.0	91.9	94.0	95.1	90.7	85.9	80.8	73.9	62.6
-75°	54.3	56.1	55.1	53.6	55.1	56.1	54.3	52.3	50.1	47.0	41.1
-77.5°	33.6	34.8	33.7	32.2	33.7	34.8	33.6	32.3	30.9	29.2	25.9
-80°	16.4	16.6	16.0	15.3	16.0	16.6	16.4	16.1	15.8	15.2	13.8
-82.5°	6.0	6.1	6.1	6.1	6.1	6.1	6.0	6.0	5.9	5.8	5.7
-85°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0
-87.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4
-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: P559017 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-930-U-TSB-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°	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1
85°	2.9	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.4	2.3	2.2
82.5°	5.6	5.4	5.3	5.1	4.9	4.7	4.5	4.2	4.0	3.7	3.5
80°	12.4	11.1	10.0	9.7	9.3	8.8	8.2	7.3	6.5	5.9	5.6
77.5°	22.7	19.6	17.2	16.9	16.4	15.7	14.6	13.0	11.7	10.5	9.4
75°	35.4	30.0	26.3	25.9	25.3	24.5	23.2	21.2	19.0	16.8	14.8
72.5°	51.9	42.1	36.7	36.3	35.5	34.7	33.7	31.8	29.1	25.5	22.2
70°	69.2	54.9	48.4	47.8	47.0	46.0	44.8	43.5	42.0	39.4	34.4
67.5°	82.8	67.6	62.1	61.3	60.5	59.2	56.6	54.4	52.5	50.4	45.3
65°	95.3	82.4	79.8	79.3	77.9	75.4	69.6	65.2	62.0	59.3	53.9
62.5°	110.6	100.1	99.9	99.0	97.4	93.8	86.0	78.9	72.5	67.0	62.4
60°	127.3	118.9	118.5	117.8	116.5	112.1	103.7	94.7	85.0	78.7	72.5
57.5°	147.9	140.5	139.0	137.0	134.4	127.8	120.0	111.8	102.0	93.0	84.5
55°	175.3	167.9	163.8	159.1	154.1	145.0	135.5	126.0	117.3	109.4	99.5
52.5°	210.4	202.5	194.7	185.8	176.8	164.7	152.4	141.7	131.8	123.1	113.9
50°	256.8	245.5	232.9	220.2	205.3	187.7	172.6	158.9	147.8	137.4	127.0
47.5°	316.3	298.6	279.1	261.8	240.6	218.1	198.2	178.9	166.1	152.4	140.8
45°	359.1	348.9	336.0	311.3	283.2	257.2	229.6	207.5	187.1	170.8	154.6
42.5°	388.6	381.1	370.7	354.8	333.9	301.9	269.8	240.6	214.1	191.5	170.9
40°	415.6	403.9	394.6	383.6	366.5	346.7	314.5	277.9	245.8	216.5	187.4
37.5°	447.2	430.4	418.0	404.7	391.3	373.9	353.2	320.5	279.7	242.6	207.6
35°	486.8	465.8	446.8	429.7	412.9	395.3	377.1	355.4	318.1	271.3	229.3
32.5°	537.0	510.7	484.7	461.3	435.2	414.0	395.3	376.0	351.1	303.6	255.2
30°	459.2	517.0	528.7	496.1	462.1	432.8	411.2	392.0	368.8	336.3	281.3
27.5°	446.3	442.9	506.9	532.6	490.8	455.2	428.2	406.0	385.2	356.7	311.2
25°	482.8	453.1	447.0	505.7	525.0	480.8	448.2	421.7	397.6	373.6	346.5
22.5°	554.1	493.9	455.1	447.2	519.8	513.9	472.4	438.2	412.1	396.8	371.0
20°	671.1	559.2	489.9	455.9	471.2	544.9	497.0	460.7	436.6	418.2	393.7
17.5°	788.2	662.3	542.7	473.7	457.4	509.5	526.4	487.8	458.0	440.2	416.3
15°	894.8	758.0	623.4	519.7	465.8	475.4	552.2	512.9	478.1	460.6	434.8
12.5°	963.4	842.5	696.9	560.6	480.8	463.4	537.4	535.2	499.3	472.5	446.8
10°	1027.3	901.7	759.9	617.2	512.7	470.2	515.6	553.6	516.2	482.1	456.5
7.5°	1104.9	937.4	806.7	660.7	533.8	473.1	498.6	570.3	531.6	491.8	464.0
5°	1152.8	962.1	834.5	685.8	543.5	473.0	485.8	585.2	545.4	501.2	469.7
2.5°	1182.5	975.9	848.0	699.3	546.2	470.5	480.1	598.9	558.9	506.5	471.2
0°	1186.8	973.9	856.0	704.4	545.2	465.5	483.9	611.0	571.2	509.9	471.7
-2.5°	1182.5	975.9	848.0	699.3	546.2	470.5	480.1	598.9	558.9	506.5	471.2
-5°	1152.8	962.1	834.5	685.8	543.5	473.0	485.8	585.2	545.4	501.2	469.7
-7.5°	1104.9	937.4	806.7	660.7	533.8	473.1	498.6	570.3	531.6	491.8	464.0
-10°	1027.3	901.7	759.9	617.2	512.7	470.2	515.6	553.6	516.2	482.1	456.5
-12.5°	963.4	842.5	696.9	560.6	480.8	463.4	537.4	535.2	499.3	472.5	446.8
-15°	894.8	758.0	623.4	519.7	465.8	475.4	552.2	512.9	478.1	460.6	434.8
-17.5°	788.2	662.3	542.7	473.7	457.4	509.5	526.4	487.8	458.0	440.2	416.3
-20°	671.1	559.2	489.9	455.9	471.2	544.9	497.0	460.7	436.6	418.2	393.7





REPORT NUMBER: P559017 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-930-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	554.1	493.9	455.1	447.2	519.8	513.9	472.4	438.2	412.1	396.8	371.0
-25°	482.8	453.1	447.0	505.7	525.0	480.8	448.2	421.7	397.6	373.6	346.5
-27.5°	446.3	442.9	506.9	532.6	490.8	455.2	428.2	406.0	385.2	356.7	311.2
-30°	459.2	517.0	528.7	496.1	462.1	432.8	411.2	392.0	368.8	336.3	281.3
-32.5°	537.0	510.7	484.7	461.3	435.2	414.0	395.3	376.0	351.1	303.6	255.2
-35°	486.8	465.8	446.8	429.7	412.9	395.3	377.1	355.4	318.1	271.3	229.3
-37.5°	447.2	430.4	418.0	404.7	391.3	373.9	353.2	320.5	279.7	242.6	207.6
-40°	415.6	403.9	394.6	383.6	366.5	346.7	314.5	277.9	245.8	216.5	187.4
-42.5°	388.6	381.1	370.7	354.8	333.9	301.9	269.8	240.6	214.1	191.5	170.9
-45°	359.1	348.9	336.0	311.3	283.2	257.2	229.6	207.5	187.1	170.8	154.6
-47.5°	316.3	298.6	279.1	261.8	240.6	218.1	198.2	178.9	166.1	152.4	140.8
-50°	256.8	245.5	232.9	220.2	205.3	187.7	172.6	158.9	147.8	137.4	127.0
-52.5°	210.4	202.5	194.7	185.8	176.8	164.7	152.4	141.7	131.8	123.1	113.9
-55°	175.3	167.9	163.8	159.1	154.1	145.0	135.5	126.0	117.3	109.4	99.5
-57.5°	147.9	140.5	139.0	137.0	134.4	127.8	120.0	111.8	102.0	93.0	84.5
-60°	127.3	118.9	118.5	117.8	116.5	112.1	103.7	94.7	85.0	78.7	72.5
-62.5°	110.6	100.1	99.9	99.0	97.4	93.8	86.0	78.9	72.5	67.0	62.4
-65°	95.3	82.4	79.8	79.3	77.9	75.4	69.6	65.2	62.0	59.3	53.9
-67.5°	82.8	67.6	62.1	61.3	60.5	59.2	56.6	54.4	52.5	50.4	45.3
-70°	69.2	54.9	48.4	47.8	47.0	46.0	44.8	43.5	42.0	39.4	34.4
-72.5°	51.9	42.1	36.7	36.3	35.5	34.7	33.7	31.8	29.1	25.5	22.2
-75°	35.4	30.0	26.3	25.9	25.3	24.5	23.2	21.2	19.0	16.8	14.8
-77.5°	22.7	19.6	17.2	16.9	16.4	15.7	14.6	13.0	11.7	10.5	9.4
-80°	12.4	11.1	10.0	9.7	9.3	8.8	8.2	7.3	6.5	5.9	5.6
-82.5°	5.6	5.4	5.3	5.1	4.9	4.7	4.5	4.2	4.0	3.7	3.5
-85°	2.9	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.4	2.3	2.2
-87.5°	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1
-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: P559017 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-930-U-TSB-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°	1.0	1.0	0.9	0.9	1.0	1.2	1.2	1.3	1.2	1.1	0.9
85°	2.1	2.0	1.8	1.7	2.0	2.3	2.5	2.6	2.4	2.1	1.9
82.5°	3.2	3.0	2.8	2.7	2.6	2.7	2.9	3.1	3.1	3.1	2.8
80°	5.2	4.8	4.4	4.0	3.5	3.1	3.0	3.1	3.1	3.1	3.1
77.5°	8.5	7.5	6.3	5.7	5.1	4.6	4.0	3.4	3.1	3.1	3.1
75°	13.1	12.0	10.8	9.2	7.5	6.0	5.3	4.7	4.1	3.2	3.1
72.5°	20.2	18.1	16.0	13.4	11.2	9.2	7.3	6.0	5.4	4.5	3.4
70°	29.4	25.2	22.3	19.0	15.6	12.4	10.1	8.4	6.8	5.8	4.7
67.5°	39.9	34.1	29.3	24.7	20.6	16.7	13.1	11.0	9.2	7.2	5.9
65°	47.9	42.0	36.3	31.0	25.8	21.1	16.9	14.1	11.7	9.5	7.2
62.5°	56.3	49.1	42.9	37.1	31.3	25.8	20.8	18.0	14.5	11.8	9.0
60°	65.8	58.6	49.9	43.2	36.8	30.6	25.6	22.1	18.3	14.1	11.1
57.5°	77.2	69.0	59.1	49.9	42.4	35.5	30.7	26.7	22.2	17.4	13.2
55°	89.5	79.9	68.2	57.6	48.3	40.5	36.2	31.7	26.3	21.0	15.5
52.5°	103.5	90.7	77.6	65.2	54.6	46.4	42.5	36.8	31.0	24.6	18.9
50°	116.6	102.1	87.2	73.5	60.6	54.0	49.0	42.9	35.8	28.4	22.6
47.5°	127.5	112.5	97.2	81.7	67.8	62.2	56.7	49.4	40.7	32.8	26.4
45°	138.5	121.9	106.3	90.4	77.5	71.5	65.0	56.0	46.8	38.1	30.4
42.5°	149.5	131.7	114.5	98.5	88.6	81.0	73.8	63.9	53.0	43.5	34.9
40°	163.4	141.7	122.5	108.4	99.4	90.3	82.4	72.3	59.5	49.6	39.8
37.5°	177.0	153.0	131.5	119.0	109.6	99.8	90.7	81.0	67.7	56.4	44.8
35°	194.6	165.0	144.0	130.0	119.0	109.0	98.9	89.3	77.2	63.3	49.9
32.5°	211.5	179.9	158.5	141.2	127.9	117.7	107.0	99.9	87.0	70.3	55.1
30°	234.2	200.0	172.6	151.8	136.8	125.7	117.0	111.7	97.2	77.4	60.5
27.5°	262.2	219.6	187.1	163.6	146.1	133.5	130.4	124.8	107.7	85.0	66.3
25°	290.7	242.9	204.6	175.5	154.8	146.9	143.6	138.9	118.6	93.6	72.0
22.5°	322.1	266.6	221.5	186.8	169.6	159.7	156.2	150.8	130.0	102.2	77.6
20°	352.6	289.0	238.8	205.5	185.7	173.4	168.1	162.5	142.0	110.7	83.1
17.5°	380.4	314.2	263.1	226.1	201.9	186.8	179.6	174.1	154.3	119.1	88.4
15°	398.9	341.2	285.8	245.2	217.5	200.0	190.6	185.4	166.7	127.3	92.2
12.5°	414.6	364.7	306.3	263.1	232.4	212.7	201.4	196.5	179.1	132.6	94.2
10°	427.7	385.0	324.5	279.6	246.7	225.1	211.8	204.3	183.9	135.3	95.9
7.5°	438.5	402.2	340.8	294.8	258.3	231.3	213.4	205.7	186.7	137.3	97.4
5°	446.1	412.3	348.5	298.8	259.2	230.8	213.4	206.9	188.7	138.7	98.5
2.5°	447.2	413.3	350.4	300.0	259.4	229.8	213.2	207.7	189.8	139.4	99.2
0°	447.2	411.9	350.7	300.1	258.8	228.2	212.9	208.3	189.9	139.4	99.5
-2.5°	447.2	413.3	350.4	300.0	259.4	229.8	213.2	207.7	189.8	139.4	99.2
-5°	446.1	412.3	348.5	298.8	259.2	230.8	213.4	206.9	188.7	138.7	98.5
-7.5°	438.5	402.2	340.8	294.8	258.3	231.3	213.4	205.7	186.7	137.3	97.4
-10°	427.7	385.0	324.5	279.6	246.7	225.1	211.8	204.3	183.9	135.3	95.9
-12.5°	414.6	364.7	306.3	263.1	232.4	212.7	201.4	196.5	179.1	132.6	94.2
-15°	398.9	341.2	285.8	245.2	217.5	200.0	190.6	185.4	166.7	127.3	92.2
-17.5°	380.4	314.2	263.1	226.1	201.9	186.8	179.6	174.1	154.3	119.1	88.4
-20°	352.6	289.0	238.8	205.5	185.7	173.4	168.1	162.5	142.0	110.7	83.1



REPORT NUMBER: P559017 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-930-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	322.1	266.6	221.5	186.8	169.6	159.7	156.2	150.8	130.0	102.2	77.6
-25°	290.7	242.9	204.6	175.5	154.8	146.9	143.6	138.9	118.6	93.6	72.0
-27.5°	262.2	219.6	187.1	163.6	146.1	133.5	130.4	124.8	107.7	85.0	66.3
-30°	234.2	200.0	172.6	151.8	136.8	125.7	117.0	111.7	97.2	77.4	60.5
-32.5°	211.5	179.9	158.5	141.2	127.9	117.7	107.0	99.9	87.0	70.3	55.1
-35°	194.6	165.0	144.0	130.0	119.0	109.0	98.9	89.3	77.2	63.3	49.9
-37.5°	177.0	153.0	131.5	119.0	109.6	99.8	90.7	81.0	67.7	56.4	44.8
-40°	163.4	141.7	122.5	108.4	99.4	90.3	82.4	72.3	59.5	49.6	39.8
-42.5°	149.5	131.7	114.5	98.5	88.6	81.0	73.8	63.9	53.0	43.5	34.9
-45°	138.5	121.9	106.3	90.4	77.5	71.5	65.0	56.0	46.8	38.1	30.4
-47.5°	127.5	112.5	97.2	81.7	67.8	62.2	56.7	49.4	40.7	32.8	26.4
-50°	116.6	102.1	87.2	73.5	60.6	54.0	49.0	42.9	35.8	28.4	22.6
-52.5°	103.5	90.7	77.6	65.2	54.6	46.4	42.5	36.8	31.0	24.6	18.9
-55°	89.5	79.9	68.2	57.6	48.3	40.5	36.2	31.7	26.3	21.0	15.5
-57.5°	77.2	69.0	59.1	49.9	42.4	35.5	30.7	26.7	22.2	17.4	13.2
-60°	65.8	58.6	49.9	43.2	36.8	30.6	25.6	22.1	18.3	14.1	11.1
-62.5°	56.3	49.1	42.9	37.1	31.3	25.8	20.8	18.0	14.5	11.8	9.0
-65°	47.9	42.0	36.3	31.0	25.8	21.1	16.9	14.1	11.7	9.5	7.2
-67.5°	39.9	34.1	29.3	24.7	20.6	16.7	13.1	11.0	9.2	7.2	5.9
-70°	29.4	25.2	22.3	19.0	15.6	12.4	10.1	8.4	6.8	5.8	4.7
-72.5°	20.2	18.1	16.0	13.4	11.2	9.2	7.3	6.0	5.4	4.5	3.4
-75°	13.1	12.0	10.8	9.2	7.5	6.0	5.3	4.7	4.1	3.2	3.1
-77.5°	8.5	7.5	6.3	5.7	5.1	4.6	4.0	3.4	3.1	3.1	3.1
-80°	5.2	4.8	4.4	4.0	3.5	3.1	3.0	3.1	3.1	3.1	3.1
-82.5°	3.2	3.0	2.8	2.7	2.6	2.7	2.9	3.1	3.1	3.1	2.8
-85°	2.1	2.0	1.8	1.7	2.0	2.3	2.5	2.6	2.4	2.1	1.9
-87.5°	1.0	1.0	0.9	0.9	1.0	1.2	1.2	1.3	1.2	1.1	0.9
-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):**

	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°	0.8	0.7	0.5	0.4	0.3	0.1	0.0
85°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
82.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
80°	3.1	2.7	2.1	1.6	1.1	0.5	0.0
77.5°	3.1	3.1	2.7	2.0	1.3	0.7	0.0
75°	3.1	3.1	3.1	2.4	1.6	0.8	0.0
72.5°	3.1	3.1	3.1	2.8	1.9	0.9	0.0
70°	3.2	3.1	3.1	3.1	2.1	1.1	0.0
67.5°	4.4	3.1	3.1	3.1	2.4	1.2	0.0
65°	5.6	3.6	3.1	3.1	2.6	1.3	0.0
62.5°	6.7	4.6	3.1	3.1	2.9	1.4	0.0
60°	7.9	5.6	3.1	3.1	3.1	1.5	0.0
57.5°	9.8	6.6	3.9	3.1	3.1	1.7	0.0
55°	11.9	7.6	4.7	3.1	3.1	1.8	0.0
52.5°	14.1	8.8	5.5	3.1	3.2	1.9	0.0
50°	16.3	10.7	6.3	3.1	3.2	2.0	0.0
47.5°	18.7	12.6	7.1	3.2	3.2	2.1	0.0
45°	22.1	14.5	7.8	3.8	3.3	2.2	0.0
42.5°	25.6	16.5	8.6	4.4	3.3	2.3	0.0
40°	29.1	18.4	9.7	4.9	3.4	2.4	0.0
37.5°	32.7	20.4	11.2	5.4	3.4	2.5	0.0
35°	36.3	22.9	12.7	5.9	3.5	2.5	0.0
32.5°	40.0	25.7	14.1	6.3	3.6	2.6	0.0
30°	44.2	28.5	15.5	6.7	3.6	2.7	0.0
27.5°	48.3	31.2	16.4	7.0	3.7	2.7	0.0
25°	52.4	33.8	17.1	7.2	3.8	2.8	0.0
22.5°	56.4	35.9	17.7	7.5	3.9	2.9	0.0
20°	60.2	36.6	18.1	7.6	4.0	2.9	0.0
17.5°	62.3	37.1	18.3	7.8	4.1	3.0	0.0
15°	63.0	37.3	18.4	7.8	4.1	3.0	0.0
12.5°	63.5	37.2	18.4	7.9	4.2	3.0	0.0
10°	63.7	37.0	18.3	7.9	4.3	3.1	0.0
7.5°	63.5	36.4	18.1	7.9	4.4	3.1	0.0
5°	63.1	35.7	17.7	7.9	4.5	3.1	0.0
2.5°	62.4	34.8	17.3	7.8	4.5	3.1	0.0
0°	61.3	33.7	16.8	7.7	4.6	3.1	0.0
-2.5°	62.4	34.8	17.3	7.8	4.5	3.1	0.0
-5°	63.1	35.7	17.7	7.9	4.5	3.1	0.0
-7.5°	63.5	36.4	18.1	7.9	4.4	3.1	0.0
-10°	63.7	37.0	18.3	7.9	4.3	3.1	0.0
-12.5°	63.5	37.2	18.4	7.9	4.2	3.0	0.0
-15°	63.0	37.3	18.4	7.8	4.1	3.0	0.0
-17.5°	62.3	37.1	18.3	7.8	4.1	3.0	0.0
-20°	60.2	36.6	18.1	7.6	4.0	2.9	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	56.4	35.9	17.7	7.5	3.9	2.9	0.0
-25°	52.4	33.8	17.1	7.2	3.8	2.8	0.0
-27.5°	48.3	31.2	16.4	7.0	3.7	2.7	0.0
-30°	44.2	28.5	15.5	6.7	3.6	2.7	0.0
-32.5°	40.0	25.7	14.1	6.3	3.6	2.6	0.0
-35°	36.3	22.9	12.7	5.9	3.5	2.5	0.0
-37.5°	32.7	20.4	11.2	5.4	3.4	2.5	0.0
-40°	29.1	18.4	9.7	4.9	3.4	2.4	0.0
-42.5°	25.6	16.5	8.6	4.4	3.3	2.3	0.0
-45°	22.1	14.5	7.8	3.8	3.3	2.2	0.0
-47.5°	18.7	12.6	7.1	3.2	3.2	2.1	0.0
-50°	16.3	10.7	6.3	3.1	3.2	2.0	0.0
-52.5°	14.1	8.8	5.5	3.1	3.2	1.9	0.0
-55°	11.9	7.6	4.7	3.1	3.1	1.8	0.0
-57.5°	9.8	6.6	3.9	3.1	3.1	1.7	0.0
-60°	7.9	5.6	3.1	3.1	3.1	1.5	0.0
-62.5°	6.7	4.6	3.1	3.1	2.9	1.4	0.0
-65°	5.6	3.6	3.1	3.1	2.6	1.3	0.0
-67.5°	4.4	3.1	3.1	3.1	2.4	1.2	0.0
-70°	3.2	3.1	3.1	3.1	2.1	1.1	0.0
-72.5°	3.1	3.1	3.1	2.8	1.9	0.9	0.0
-75°	3.1	3.1	3.1	2.4	1.6	0.8	0.0
-77.5°	3.1	3.1	2.7	2.0	1.3	0.7	0.0
-80°	3.1	2.7	2.1	1.6	1.1	0.5	0.0
-82.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
-85°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
-87.5°	0.8	0.7	0.5	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)