

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: P558523 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-940-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558523 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1B-940-U-WR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (16) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

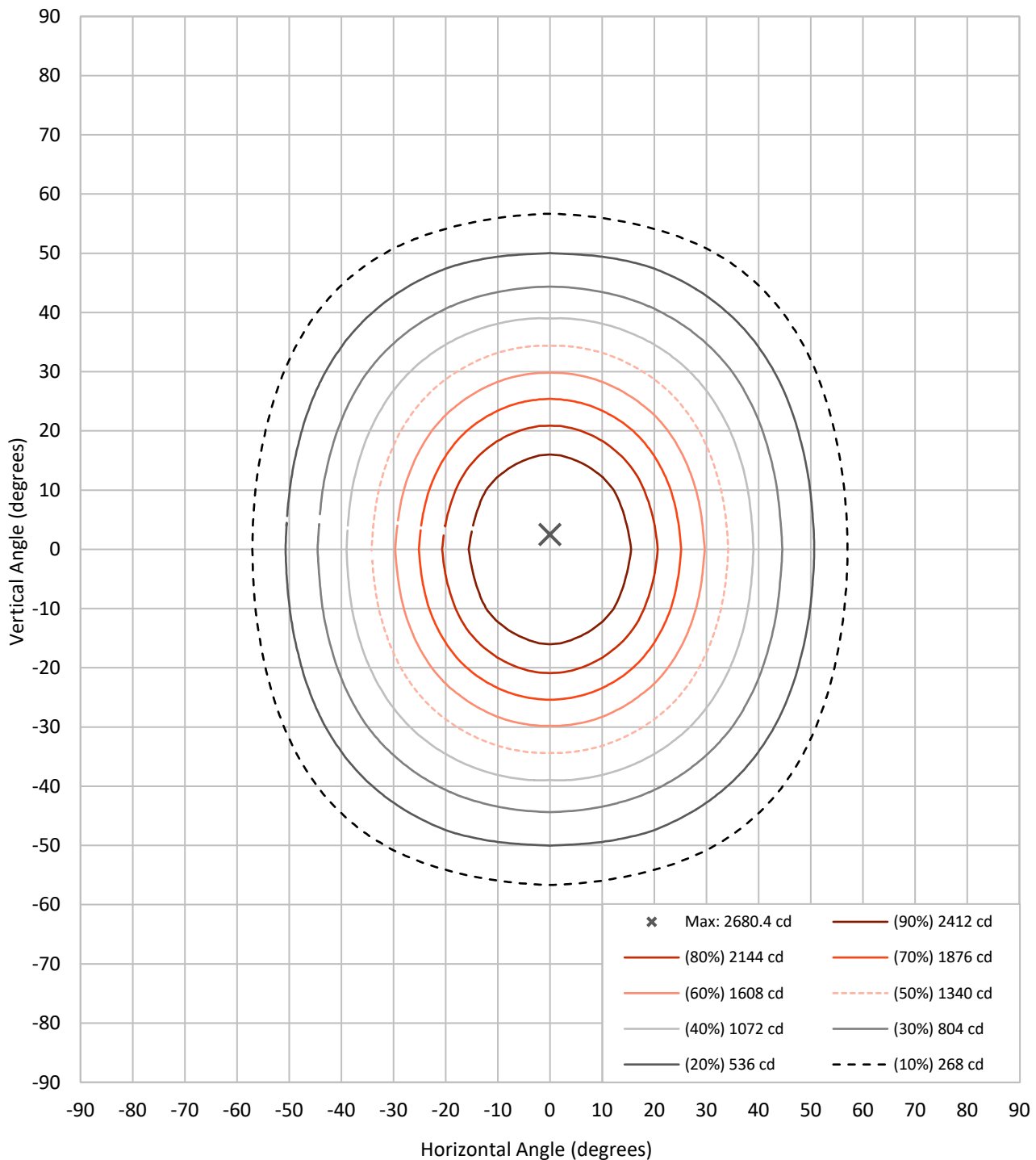
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	3627.7 lumens	Max Intensity:	2680.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	109.9 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	2175.1 lumens	Field Lumens:	3465.4 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 33
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





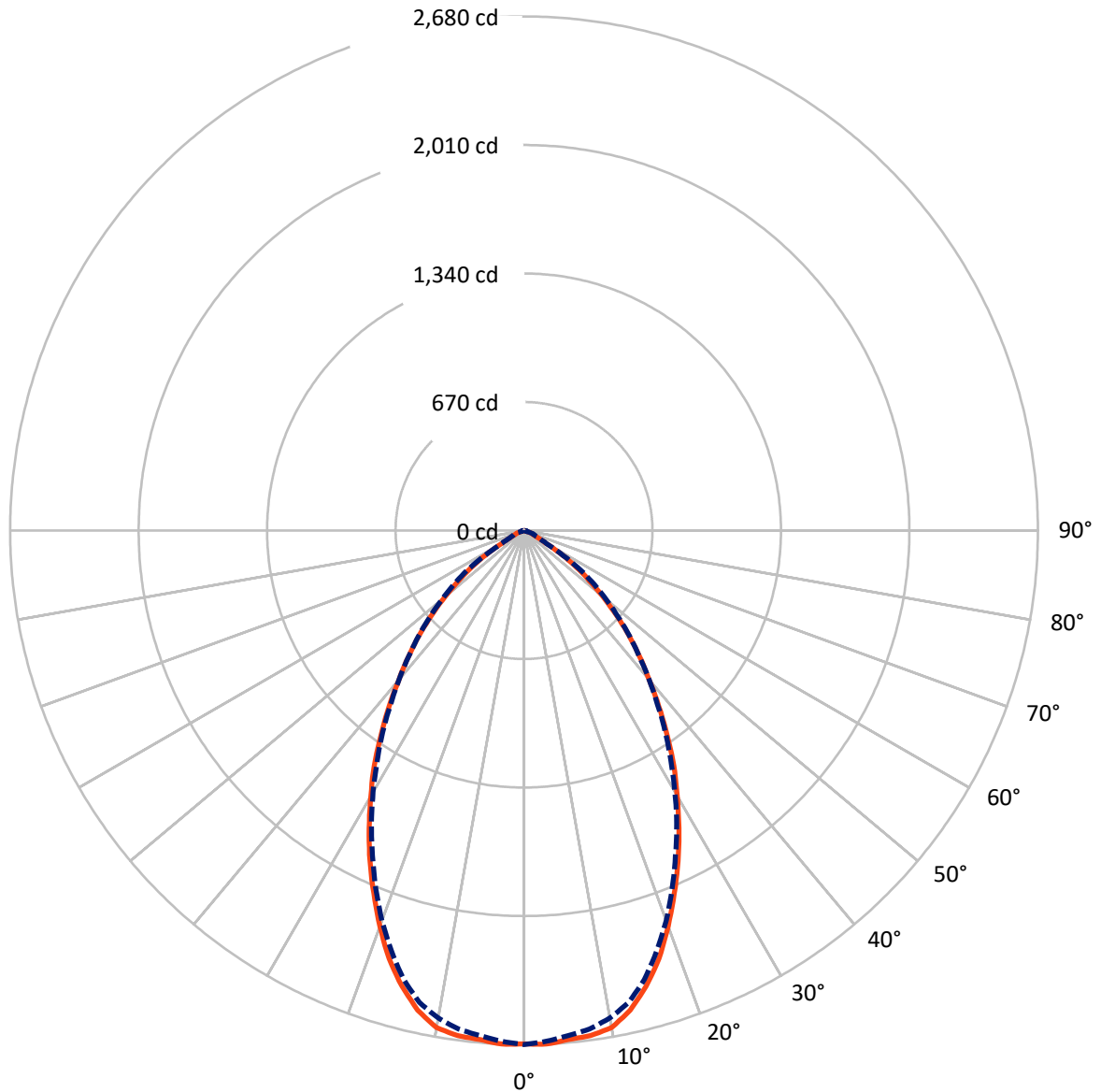
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Lumen Table

90																			
80	0.0	0.3	0.9	1.5	1.1	1.5	0.9	0.3	0.0										
70																			
60	0.2	0.3	0.5	0.8	1.1	1.5	1.8	2.0	2.0	1.8	1.5	1.1	0.8	0.5	0.3	0.2			
50		0.4	0.8	1.5	2.8	5.5	8.2	9.8	9.8	8.2	5.5	2.8	1.5	0.8	0.4				
40	0.3	0.5	1.2	3.5	9.1	15.2	20.2	23.1	23.1	20.2	15.2	9.1	3.5	1.2	0.5	0.3			
30		0.6	2.0	8.0	16.4	25.6	34.0	39.0	39.0	34.0	25.6	16.4	8.0	2.0	0.6				
20	0.3	0.8	3.7	12.1	23.3	36.4	48.7	56.4	56.4	48.7	36.4	23.3	12.1	3.7	0.8	0.3			
10		0.9	5.3	15.1	28.7	45.5	62.0	72.5	72.5	62.0	45.5	28.7	15.1	5.3	0.9				
0	0.3	1.0	6.2	16.7	31.8	50.9	69.7	79.7	79.7	69.7	50.9	31.8	16.7	6.2	1.0	0.3			
-10		1.0	6.2	16.7	31.8	50.9	69.7	79.7	79.7	69.7	50.9	31.8	16.7	6.2	1.0				
-20	0.3	0.9	5.3	15.1	28.7	45.5	62.0	72.5	72.5	62.0	45.5	28.7	15.1	5.3	0.9	0.3			
-30		0.8	3.7	12.1	23.3	36.4	48.7	56.4	56.4	48.7	36.4	23.3	12.1	3.7	0.8				
-40	0.3	0.6	2.0	8.0	16.4	25.6	34.0	39.0	39.0	34.0	25.6	16.4	8.0	2.0	0.6	0.3			
-50		0.5	1.2	3.5	9.1	15.2	20.2	23.1	23.1	20.2	15.2	9.1	3.5	1.2	0.5				
-60	0.2	0.4	0.8	1.5	2.8	5.5	8.2	9.8	9.8	8.2	5.5	2.8	1.5	0.8	0.4	0.2			
-70		0.3	0.5	0.8	1.1	1.5	1.8	2.0	2.0	1.8	1.5	1.1	0.8	0.5	0.3				
-80	0.0	0.3	0.9	1.5	1.1	1.5	0.9	0.3	0.0										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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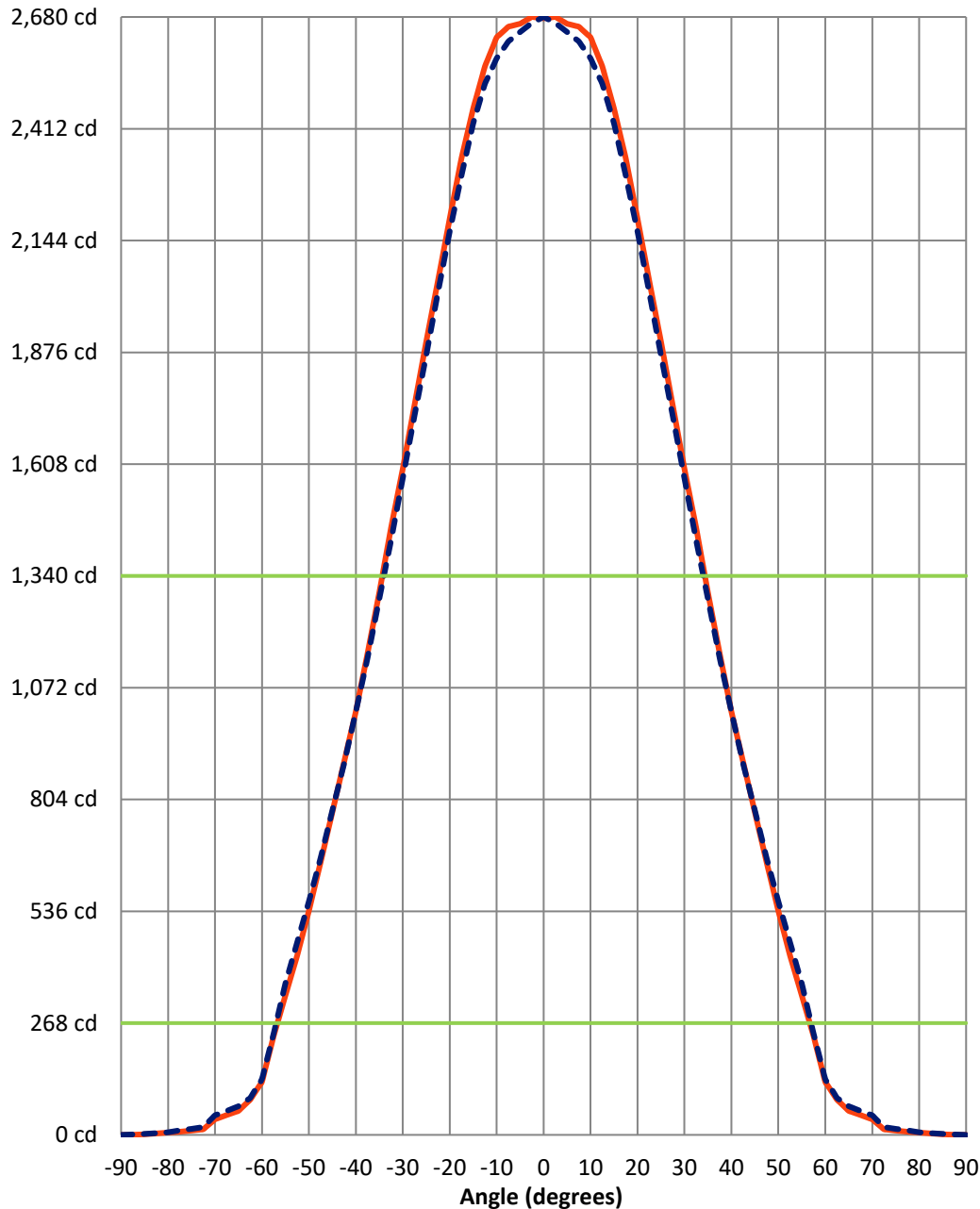
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 2.5-Deg

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Luminous Intensity Plot



Beam:
H Angle: 68°
V Angle: 68.7°
Lumens: 2175.1
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 3465.4
Efficiency: 95.5%

Spill:
Lumens: 162.3
Efficiency: 4.5%

— Vertical Distribution through 0-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	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
85°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
82.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.1	1.5	1.9
80°	0.0	0.2	0.3	0.5	0.7	0.9	1.1	1.6	2.2	2.8	3.4
77.5°	0.0	0.2	0.4	0.6	0.9	1.2	1.9	2.6	3.3	4.0	5.1
75°	0.0	0.3	0.5	0.8	1.1	1.7	2.6	3.5	4.5	6.0	7.4
72.5°	0.0	0.3	0.6	0.9	1.4	2.3	3.3	4.6	6.4	8.1	9.8
70°	0.0	0.3	0.7	1.0	1.8	2.8	4.1	6.3	8.3	10.3	13.1
67.5°	0.0	0.4	0.8	1.3	2.1	3.3	5.4	7.9	10.2	13.1	16.4
65°	0.0	0.4	0.8	1.5	2.4	3.9	6.6	9.6	12.5	15.9	19.6
62.5°	0.0	0.5	0.9	1.6	2.7	4.7	7.7	11.3	14.7	18.6	22.7
60°	0.0	0.5	1.0	1.8	3.0	5.4	8.7	13.0	16.8	21.5	25.8
57.5°	0.0	0.5	1.1	2.0	3.4	6.1	9.7	14.6	19.3	24.4	28.3
55°	0.0	0.6	1.2	2.1	3.8	6.6	10.6	15.8	22.0	27.1	30.7
52.5°	0.0	0.6	1.3	2.3	4.2	7.2	11.4	17.6	24.7	29.3	33.0
50°	0.0	0.6	1.4	2.4	4.5	7.6	12.1	19.3	27.1	31.4	35.4
47.5°	0.0	0.7	1.5	2.5	4.7	8.0	12.7	20.7	29.0	33.5	37.8
45°	0.0	0.7	1.6	2.7	4.9	8.3	13.7	21.9	29.8	35.5	39.9
42.5°	0.0	0.7	1.7	2.8	5.0	8.5	14.5	22.6	30.4	37.2	42.3
40°	0.0	0.8	1.7	2.9	5.1	8.6	15.2	22.9	30.7	38.7	44.6
37.5°	0.0	0.8	1.8	3.0	5.2	8.6	15.7	23.0	31.0	39.4	46.9
35°	0.0	0.8	1.9	3.2	5.1	8.8	16.1	22.9	31.4	40.8	49.1
32.5°	0.0	0.8	2.0	3.3	5.1	9.0	16.1	22.6	31.7	42.6	51.4
30°	0.0	0.9	2.0	3.4	5.0	9.2	15.8	22.2	32.0	44.8	53.5
27.5°	0.0	0.9	2.1	3.5	5.1	9.2	15.4	22.3	32.8	47.3	55.5
25°	0.0	0.9	2.1	3.6	5.2	9.0	14.8	22.3	34.4	49.3	57.4
22.5°	0.0	0.9	2.2	3.7	5.4	9.0	14.2	22.3	36.2	50.8	59.8
20°	0.0	0.9	2.2	3.8	5.5	9.5	13.4	22.1	38.1	52.2	62.0
17.5°	0.0	1.0	2.3	3.9	5.7	9.8	13.2	21.9	39.9	53.4	63.9
15°	0.0	1.0	2.3	3.9	5.8	10.1	13.5	21.8	41.7	54.5	65.5
12.5°	0.0	1.0	2.3	4.0	5.9	10.4	13.8	21.7	43.3	55.4	66.8
10°	0.0	1.0	2.4	4.0	6.0	10.6	14.0	21.3	44.7	56.1	67.8
7.5°	0.0	1.0	2.4	4.1	6.1	10.8	14.2	20.6	45.7	56.7	68.4
5°	0.0	1.0	2.4	4.1	6.1	10.9	14.3	19.7	46.5	57.1	68.7
2.5°	0.0	1.0	2.4	4.1	6.2	11.0	14.4	18.7	46.9	57.4	68.8
0°	0.0	1.0	2.4	4.1	6.2	11.0	14.5	17.6	46.9	57.5	68.6
-2.5°	0.0	1.0	2.4	4.1	6.2	11.0	14.4	18.7	46.9	57.4	68.8
-5°	0.0	1.0	2.4	4.1	6.1	10.9	14.3	19.7	46.5	57.1	68.7
-7.5°	0.0	1.0	2.4	4.1	6.1	10.8	14.2	20.6	45.7	56.7	68.4
-10°	0.0	1.0	2.4	4.0	6.0	10.6	14.0	21.3	44.7	56.1	67.8
-12.5°	0.0	1.0	2.3	4.0	5.9	10.4	13.8	21.7	43.3	55.4	66.8
-15°	0.0	1.0	2.3	3.9	5.8	10.1	13.5	21.8	41.7	54.5	65.5
-17.5°	0.0	1.0	2.3	3.9	5.7	9.8	13.2	21.9	39.9	53.4	63.9
-20°	0.0	0.9	2.2	3.8	5.5	9.5	13.4	22.1	38.1	52.2	62.0



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 CATALOG NUMBER: GFLD-SA1B-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.9	2.2	3.7	5.4	9.0	14.2	22.3	36.2	50.8	59.8
-25°	0.0	0.9	2.1	3.6	5.2	9.0	14.8	22.3	34.4	49.3	57.4
-27.5°	0.0	0.9	2.1	3.5	5.1	9.2	15.4	22.3	32.8	47.3	55.5
-30°	0.0	0.9	2.0	3.4	5.0	9.2	15.8	22.2	32.0	44.8	53.5
-32.5°	0.0	0.8	2.0	3.3	5.1	9.0	16.1	22.6	31.7	42.6	51.4
-35°	0.0	0.8	1.9	3.2	5.1	8.8	16.1	22.9	31.4	40.8	49.1
-37.5°	0.0	0.8	1.8	3.0	5.2	8.6	15.7	23.0	31.0	39.4	46.9
-40°	0.0	0.8	1.7	2.9	5.1	8.6	15.2	22.9	30.7	38.7	44.6
-42.5°	0.0	0.7	1.7	2.8	5.0	8.5	14.5	22.6	30.4	37.2	42.3
-45°	0.0	0.7	1.6	2.7	4.9	8.3	13.7	21.9	29.8	35.5	39.9
-47.5°	0.0	0.7	1.5	2.5	4.7	8.0	12.7	20.7	29.0	33.5	37.8
-50°	0.0	0.6	1.4	2.4	4.5	7.6	12.1	19.3	27.1	31.4	35.4
-52.5°	0.0	0.6	1.3	2.3	4.2	7.2	11.4	17.6	24.7	29.3	33.0
-55°	0.0	0.6	1.2	2.1	3.8	6.6	10.6	15.8	22.0	27.1	30.7
-57.5°	0.0	0.5	1.1	2.0	3.4	6.1	9.7	14.6	19.3	24.4	28.3
-60°	0.0	0.5	1.0	1.8	3.0	5.4	8.7	13.0	16.8	21.5	25.8
-62.5°	0.0	0.5	0.9	1.6	2.7	4.7	7.7	11.3	14.7	18.6	22.7
-65°	0.0	0.4	0.8	1.5	2.4	3.9	6.6	9.6	12.5	15.9	19.6
-67.5°	0.0	0.4	0.8	1.3	2.1	3.3	5.4	7.9	10.2	13.1	16.4
-70°	0.0	0.3	0.7	1.0	1.8	2.8	4.1	6.3	8.3	10.3	13.1
-72.5°	0.0	0.3	0.6	0.9	1.4	2.3	3.3	4.6	6.4	8.1	9.8
-75°	0.0	0.3	0.5	0.8	1.1	1.7	2.6	3.5	4.5	6.0	7.4
-77.5°	0.0	0.2	0.4	0.6	0.9	1.2	1.9	2.6	3.3	4.0	5.1
-80°	0.0	0.2	0.3	0.5	0.7	0.9	1.1	1.6	2.2	2.8	3.4
-82.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.1	1.5	1.9
-85°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
-87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
-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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 CATALOG NUMBER: GFLD-SA1B-940-U-WR-XX

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°	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.4	0.3
85°	0.9	0.9	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.6	1.8
82.5°	2.2	2.3	2.4	2.4	2.5	2.5	2.5	2.5	3.0	3.7	4.5
80°	3.7	3.8	4.4	5.0	5.3	5.3	5.0	4.5	5.3	6.7	8.3
77.5°	6.0	6.8	7.8	8.7	8.9	8.4	7.7	6.7	7.9	10.3	13.0
75°	8.7	9.9	11.2	12.2	12.3	11.5	10.6	10.4	12.4	15.2	17.6
72.5°	11.9	13.6	14.9	15.8	15.7	15.6	16.0	16.8	18.5	20.6	22.4
70°	15.7	17.5	18.5	18.9	19.1	20.0	21.4	22.5	23.7	25.8	27.7
67.5°	19.6	20.9	21.7	22.3	23.9	25.8	27.2	28.5	30.0	32.1	33.8
65°	23.0	24.3	25.5	27.3	29.7	31.4	33.1	34.8	37.4	39.8	41.2
62.5°	26.3	27.8	29.6	32.0	34.5	36.7	39.5	42.7	46.0	48.4	51.2
60°	28.9	30.9	33.5	36.4	39.4	43.1	46.6	50.3	53.7	56.9	61.0
57.5°	31.3	34.3	37.6	40.9	45.0	49.5	53.8	57.8	62.0	66.5	71.2
55°	34.0	38.0	41.5	45.6	50.5	56.2	61.0	65.7	70.7	78.4	85.0
52.5°	37.0	41.3	45.4	50.3	56.4	62.5	68.0	74.5	83.0	94.3	112.7
50°	39.8	44.4	49.1	55.5	62.1	68.6	76.5	85.6	102.5	123.7	160.8
47.5°	42.5	47.4	53.7	60.6	67.8	76.3	86.4	106.3	129.4	182.1	234.7
45°	45.2	51.1	58.1	65.9	74.5	85.1	106.0	130.7	193.3	254.0	317.2
42.5°	47.9	54.8	62.7	71.1	82.3	101.5	128.5	193.6	261.4	331.1	391.7
40°	50.9	58.2	67.4	78.0	92.8	122.1	182.5	255.8	332.2	398.1	457.1
37.5°	53.8	62.4	72.4	84.7	111.3	160.1	238.0	319.3	393.3	457.7	520.7
35°	56.5	66.5	78.4	96.9	129.4	209.9	294.4	377.0	447.8	516.4	585.4
32.5°	59.5	70.4	84.1	113.0	171.0	258.0	347.8	426.6	500.7	573.9	652.7
30°	62.9	75.3	92.1	128.3	212.2	304.7	393.7	474.1	551.0	632.3	716.7
27.5°	66.1	80.0	105.4	158.1	250.9	348.3	435.4	518.2	600.7	687.3	778.1
25°	69.0	84.4	117.8	190.7	288.3	385.5	473.8	558.1	647.1	741.2	836.8
22.5°	72.2	88.8	129.0	220.4	322.5	418.6	507.7	597.0	691.3	791.1	890.7
20°	75.6	98.1	147.4	247.9	353.6	448.7	538.1	633.2	732.6	835.9	941.2
17.5°	78.7	106.3	169.5	273.9	379.7	474.8	565.5	666.0	768.6	876.6	987.5
15°	81.5	113.4	188.9	297.0	401.9	497.0	592.2	695.1	800.5	913.0	1028.2
12.5°	83.9	119.4	205.6	316.9	420.6	516.0	614.6	719.7	829.0	944.9	1064.9
10°	86.0	124.3	219.5	333.5	435.8	531.7	632.6	740.1	851.7	970.5	1094.5
7.5°	87.4	128.3	230.5	346.8	447.5	544.0	646.2	756.2	868.3	990.6	1116.9
5°	88.2	131.6	238.4	356.6	456.0	553.2	656.0	767.8	878.9	1004.6	1132.0
2.5°	88.6	133.9	243.2	362.9	461.4	559.7	664.1	778.0	890.1	1014.6	1143.6
0°	88.6	135.1	245.0	365.6	463.4	562.7	668.1	783.2	897.3	1018.9	1151.6
-2.5°	88.6	133.9	243.2	362.9	461.4	559.7	664.1	778.0	890.1	1014.6	1143.6
-5°	88.2	131.6	238.4	356.6	456.0	553.2	656.0	767.8	878.9	1004.6	1132.0
-7.5°	87.4	128.3	230.5	346.8	447.5	544.0	646.2	756.2	868.3	990.6	1116.9
-10°	86.0	124.3	219.5	333.5	435.8	531.7	632.6	740.1	851.7	970.5	1094.5
-12.5°	83.9	119.4	205.6	316.9	420.6	516.0	614.6	719.7	829.0	944.9	1064.9
-15°	81.5	113.4	188.9	297.0	401.9	497.0	592.2	695.1	800.5	913.0	1028.2
-17.5°	78.7	106.3	169.5	273.9	379.7	474.8	565.5	666.0	768.6	876.6	987.5
-20°	75.6	98.1	147.4	247.9	353.6	448.7	538.1	633.2	732.6	835.9	941.2



REPORT NUMBER: P558523 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	72.2	88.8	129.0	220.4	322.5	418.6	507.7	597.0	691.3	791.1	890.7
-25°	69.0	84.4	117.8	190.7	288.3	385.5	473.8	558.1	647.1	741.2	836.8
-27.5°	66.1	80.0	105.4	158.1	250.9	348.3	435.4	518.2	600.7	687.3	778.1
-30°	62.9	75.3	92.1	128.3	212.2	304.7	393.7	474.1	551.0	632.3	716.7
-32.5°	59.5	70.4	84.1	113.0	171.0	258.0	347.8	426.6	500.7	573.9	652.7
-35°	56.5	66.5	78.4	96.9	129.4	209.9	294.4	377.0	447.8	516.4	585.4
-37.5°	53.8	62.4	72.4	84.7	111.3	160.1	238.0	319.3	393.3	457.7	520.7
-40°	50.9	58.2	67.4	78.0	92.8	122.1	182.5	255.8	332.2	398.1	457.1
-42.5°	47.9	54.8	62.7	71.1	82.3	101.5	128.5	193.6	261.4	331.1	391.7
-45°	45.2	51.1	58.1	65.9	74.5	85.1	106.0	130.7	193.3	254.0	317.2
-47.5°	42.5	47.4	53.7	60.6	67.8	76.3	86.4	106.3	129.4	182.1	234.7
-50°	39.8	44.4	49.1	55.5	62.1	68.6	76.5	85.6	102.5	123.7	160.8
-52.5°	37.0	41.3	45.4	50.3	56.4	62.5	68.0	74.5	83.0	94.3	112.7
-55°	34.0	38.0	41.5	45.6	50.5	56.2	61.0	65.7	70.7	78.4	85.0
-57.5°	31.3	34.3	37.6	40.9	45.0	49.5	53.8	57.8	62.0	66.5	71.2
-60°	28.9	30.9	33.5	36.4	39.4	43.1	46.6	50.3	53.7	56.9	61.0
-62.5°	26.3	27.8	29.6	32.0	34.5	36.7	39.5	42.7	46.0	48.4	51.2
-65°	23.0	24.3	25.5	27.3	29.7	31.4	33.1	34.8	37.4	39.8	41.2
-67.5°	19.6	20.9	21.7	22.3	23.9	25.8	27.2	28.5	30.0	32.1	33.8
-70°	15.7	17.5	18.5	18.9	19.1	20.0	21.4	22.5	23.7	25.8	27.7
-72.5°	11.9	13.6	14.9	15.8	15.7	15.6	16.0	16.8	18.5	20.6	22.4
-75°	8.7	9.9	11.2	12.2	12.3	11.5	10.6	10.4	12.4	15.2	17.6
-77.5°	6.0	6.8	7.8	8.7	8.9	8.4	7.7	6.7	7.9	10.3	13.0
-80°	3.7	3.8	4.4	5.0	5.3	5.3	5.0	4.5	5.3	6.7	8.3
-82.5°	2.2	2.3	2.4	2.4	2.5	2.5	2.5	2.5	3.0	3.7	4.5
-85°	0.9	0.9	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.6	1.8
-87.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.4	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558523 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
85°	2.1	2.1	2.0	1.9	1.8	1.8	1.9	1.9	2.0	1.9	1.7
82.5°	5.4	5.8	6.2	6.6	7.0	7.0	6.8	6.5	6.1	5.4	4.7
80°	10.2	11.1	11.7	12.2	12.6	12.2	11.6	11.0	10.2	9.1	7.8
77.5°	15.8	16.7	17.2	17.8	18.4	18.5	18.6	18.6	18.7	16.6	13.9
75°	19.5	20.8	21.8	22.7	23.5	23.9	24.2	24.4	24.7	21.9	18.2
72.5°	24.0	25.2	26.2	27.2	28.1	28.7	29.3	29.7	30.1	27.8	24.6
70°	29.2	30.4	31.6	32.6	33.6	34.5	35.3	36.1	36.8	36.9	37.1
67.5°	35.1	35.8	37.2	38.5	40.0	41.2	42.4	43.6	44.7	45.7	46.4
65°	42.4	45.1	47.7	49.0	49.1	50.8	53.3	54.8	55.2	55.5	56.3
62.5°	54.8	58.1	59.9	62.2	65.3	68.8	70.1	72.0	74.3	76.9	79.3
60°	64.5	67.4	71.6	75.9	79.8	83.3	91.8	99.3	105.8	111.4	116.7
57.5°	76.6	81.3	87.8	99.6	110.3	120.0	136.6	156.9	175.0	190.8	204.7
55°	95.9	109.6	122.0	149.7	179.3	205.0	229.0	254.6	275.5	291.9	307.0
52.5°	128.8	166.5	204.8	240.9	276.2	308.4	337.3	360.1	377.9	391.2	403.8
50°	206.2	251.7	298.3	341.2	376.0	407.8	437.9	460.5	479.4	495.6	510.0
47.5°	290.6	343.8	387.9	427.5	465.0	500.2	533.1	560.6	583.9	605.3	623.2
45°	374.5	422.2	467.3	509.8	550.6	590.1	625.5	656.7	687.5	713.0	733.1
42.5°	445.5	496.0	544.0	592.6	638.2	682.5	725.3	763.3	796.0	823.8	846.2
40°	513.6	568.1	625.1	679.1	733.2	783.8	831.2	874.6	911.8	944.8	972.6
37.5°	583.0	646.5	709.2	770.7	830.4	885.4	939.8	989.8	1033.5	1072.0	1104.3
35°	656.2	726.2	794.4	863.7	928.9	992.5	1052.6	1107.8	1156.1	1201.5	1240.5
32.5°	729.5	805.4	882.2	957.2	1029.4	1100.6	1166.6	1228.7	1285.8	1336.1	1377.7
30°	800.9	884.4	966.6	1048.3	1130.7	1208.3	1281.4	1349.6	1411.7	1466.4	1513.6
27.5°	869.4	959.1	1047.3	1140.8	1230.3	1314.7	1394.2	1467.5	1536.7	1598.9	1652.6
25°	932.8	1028.1	1130.9	1228.9	1324.7	1418.4	1505.4	1585.1	1664.2	1732.6	1790.9
22.5°	992.7	1099.1	1207.3	1310.1	1415.8	1518.8	1616.2	1708.5	1793.0	1864.7	1926.8
20°	1049.6	1164.1	1275.6	1389.5	1503.9	1615.1	1722.2	1820.9	1910.2	1988.3	2058.5
17.5°	1103.4	1221.9	1340.4	1461.9	1585.6	1702.4	1815.9	1923.3	2020.8	2107.5	2186.5
15°	1149.9	1272.4	1399.3	1528.5	1657.7	1782.0	1902.5	2019.4	2129.1	2223.5	2303.2
12.5°	1189.5	1317.0	1451.3	1586.8	1723.0	1853.3	1981.0	2106.2	2222.7	2324.2	2406.1
10°	1222.3	1355.9	1496.1	1637.3	1777.0	1912.4	2045.2	2174.7	2299.9	2405.1	2489.2
7.5°	1249.6	1388.4	1531.8	1677.2	1818.2	1958.8	2097.4	2228.1	2351.5	2462.4	2548.8
5°	1270.0	1411.1	1557.6	1706.6	1849.8	1995.4	2138.1	2271.9	2394.0	2494.5	2565.0
2.5°	1285.2	1425.3	1574.3	1724.3	1869.4	2020.2	2166.0	2299.9	2424.9	2520.1	2581.1
0°	1295.6	1433.1	1589.5	1736.6	1884.1	2038.8	2182.9	2318.3	2443.7	2536.7	2599.8
-2.5°	1285.2	1425.3	1574.3	1724.3	1869.4	2020.2	2166.0	2299.9	2424.9	2520.1	2581.1
-5°	1270.0	1411.1	1557.6	1706.6	1849.8	1995.4	2138.1	2271.9	2394.0	2494.5	2565.0
-7.5°	1249.6	1388.4	1531.8	1677.2	1818.2	1958.8	2097.4	2228.1	2351.5	2462.4	2548.8
-10°	1222.3	1355.9	1496.1	1637.3	1777.0	1912.4	2045.2	2174.7	2299.9	2405.1	2489.2
-12.5°	1189.5	1317.0	1451.3	1586.8	1723.0	1853.3	1981.0	2106.2	2222.7	2324.2	2406.1
-15°	1149.9	1272.4	1399.3	1528.5	1657.7	1782.0	1902.5	2019.4	2129.1	2223.5	2303.2
-17.5°	1103.4	1221.9	1340.4	1461.9	1585.6	1702.4	1815.9	1923.3	2020.8	2107.5	2186.5
-20°	1049.6	1164.1	1275.6	1389.5	1503.9	1615.1	1722.2	1820.9	1910.2	1988.3	2058.5



REPORT NUMBER: P558523 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	992.7	1099.1	1207.3	1310.1	1415.8	1518.8	1616.2	1708.5	1793.0	1864.7	1926.8
-25°	932.8	1028.1	1130.9	1228.9	1324.7	1418.4	1505.4	1585.1	1664.2	1732.6	1790.9
-27.5°	869.4	959.1	1047.3	1140.8	1230.3	1314.7	1394.2	1467.5	1536.7	1598.9	1652.6
-30°	800.9	884.4	966.6	1048.3	1130.7	1208.3	1281.4	1349.6	1411.7	1466.4	1513.6
-32.5°	729.5	805.4	882.2	957.2	1029.4	1100.6	1166.6	1228.7	1285.8	1336.1	1377.7
-35°	656.2	726.2	794.4	863.7	928.9	992.5	1052.6	1107.8	1156.1	1201.5	1240.5
-37.5°	583.0	646.5	709.2	770.7	830.4	885.4	939.8	989.8	1033.5	1072.0	1104.3
-40°	513.6	568.1	625.1	679.1	733.2	783.8	831.2	874.6	911.8	944.8	972.6
-42.5°	445.5	496.0	544.0	592.6	638.2	682.5	725.3	763.3	796.0	823.8	846.2
-45°	374.5	422.2	467.3	509.8	550.6	590.1	625.5	656.7	687.5	713.0	733.1
-47.5°	290.6	343.8	387.9	427.5	465.0	500.2	533.1	560.6	583.9	605.3	623.2
-50°	206.2	251.7	298.3	341.2	376.0	407.8	437.9	460.5	479.4	495.6	510.0
-52.5°	128.8	166.5	204.8	240.9	276.2	308.4	337.3	360.1	377.9	391.2	403.8
-55°	95.9	109.6	122.0	149.7	179.3	205.0	229.0	254.6	275.5	291.9	307.0
-57.5°	76.6	81.3	87.8	99.6	110.3	120.0	136.6	156.9	175.0	190.8	204.7
-60°	64.5	67.4	71.6	75.9	79.8	83.3	91.8	99.3	105.8	111.4	116.7
-62.5°	54.8	58.1	59.9	62.2	65.3	68.8	70.1	72.0	74.3	76.9	79.3
-65°	42.4	45.1	47.7	49.0	49.1	50.8	53.3	54.8	55.2	55.5	56.3
-67.5°	35.1	35.8	37.2	38.5	40.0	41.2	42.4	43.6	44.7	45.7	46.4
-70°	29.2	30.4	31.6	32.6	33.6	34.5	35.3	36.1	36.8	36.9	37.1
-72.5°	24.0	25.2	26.2	27.2	28.1	28.7	29.3	29.7	30.1	27.8	24.6
-75°	19.5	20.8	21.8	22.7	23.5	23.9	24.2	24.4	24.7	21.9	18.2
-77.5°	15.8	16.7	17.2	17.8	18.4	18.5	18.6	18.6	18.7	16.6	13.9
-80°	10.2	11.1	11.7	12.2	12.6	12.2	11.6	11.0	10.2	9.1	7.8
-82.5°	5.4	5.8	6.2	6.6	7.0	7.0	6.8	6.5	6.1	5.4	4.7
-85°	2.1	2.1	2.0	1.9	1.8	1.8	1.9	1.9	2.0	1.9	1.7
-87.5°	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558523 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-940-U-WR-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°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
85°	1.6	1.4	1.4	1.4	1.4	1.4	1.6	1.7	1.9	2.0	1.9
82.5°	3.9	3.1	3.2	3.4	3.2	3.1	3.9	4.7	5.4	6.1	6.5
80°	6.5	5.2	5.3	5.5	5.3	5.2	6.5	7.8	9.1	10.2	11.0
77.5°	11.0	8.0	7.7	7.6	7.7	8.0	11.0	13.9	16.6	18.7	18.6
75°	14.4	10.5	10.3	10.3	10.3	10.5	14.4	18.2	21.9	24.7	24.4
72.5°	21.3	18.0	15.7	13.4	15.7	18.0	21.3	24.6	27.8	30.1	29.7
70°	37.5	38.0	37.8	37.2	37.8	38.0	37.5	37.1	36.9	36.8	36.1
67.5°	47.1	47.6	47.7	47.6	47.7	47.6	47.1	46.4	45.7	44.7	43.6
65°	56.8	57.1	57.4	57.5	57.4	57.1	56.8	56.3	55.5	55.2	54.8
62.5°	81.1	82.3	83.5	84.4	83.5	82.3	81.1	79.3	76.9	74.3	72.0
60°	121.4	125.2	127.0	127.1	127.0	125.2	121.4	116.7	111.4	105.8	99.3
57.5°	215.8	224.1	231.5	237.1	231.5	224.1	215.8	204.7	190.8	175.0	156.9
55°	319.1	327.9	332.9	334.2	332.9	327.9	319.1	307.0	291.9	275.5	254.6
52.5°	413.4	419.3	424.9	429.7	424.9	419.3	413.4	403.8	391.2	377.9	360.1
50°	520.9	527.4	532.9	537.2	532.9	527.4	520.9	510.0	495.6	479.4	460.5
47.5°	635.7	643.7	649.7	653.7	649.7	643.7	635.7	623.2	605.3	583.9	560.6
45°	750.3	764.1	772.4	773.9	772.4	764.1	750.3	733.1	713.0	687.5	656.7
42.5°	865.6	878.7	887.6	894.2	887.6	878.7	865.6	846.2	823.8	796.0	763.3
40°	995.8	1012.4	1020.0	1015.1	1020.0	1012.4	995.8	972.6	944.8	911.8	874.6
37.5°	1129.3	1146.3	1155.0	1154.7	1155.0	1146.3	1129.3	1104.3	1072.0	1033.5	989.8
35°	1270.8	1291.9	1303.3	1300.4	1303.3	1291.9	1270.8	1240.5	1201.5	1156.1	1107.8
32.5°	1410.9	1436.4	1452.9	1455.5	1452.9	1436.4	1410.9	1377.7	1336.1	1285.8	1228.7
30°	1551.6	1579.1	1595.5	1597.1	1595.5	1579.1	1551.6	1513.6	1466.4	1411.7	1349.6
27.5°	1697.7	1728.5	1745.6	1749.7	1745.6	1728.5	1697.7	1652.6	1598.9	1536.7	1467.5
25°	1840.6	1874.8	1894.5	1902.0	1894.5	1874.8	1840.6	1790.9	1732.6	1664.2	1585.1
22.5°	1978.5	2016.0	2041.6	2048.1	2041.6	2016.0	1978.5	1926.8	1864.7	1793.0	1708.5
20°	2116.7	2161.0	2193.7	2197.0	2193.7	2161.0	2116.7	2058.5	1988.3	1910.2	1820.9
17.5°	2249.8	2297.7	2332.8	2341.4	2332.8	2297.7	2249.8	2186.5	2107.5	2020.8	1923.3
15°	2369.0	2419.3	2453.1	2460.6	2453.1	2419.3	2369.0	2303.2	2223.5	2129.1	2019.4
12.5°	2471.9	2518.2	2549.8	2561.9	2549.8	2518.2	2471.9	2406.1	2324.2	2222.7	2106.2
10°	2554.7	2590.5	2618.8	2631.5	2618.8	2590.5	2554.7	2489.2	2405.1	2299.9	2174.7
7.5°	2601.0	2630.4	2650.0	2657.0	2650.0	2630.4	2601.0	2548.8	2462.4	2351.5	2228.1
5°	2619.2	2647.5	2658.0	2664.2	2658.0	2647.5	2619.2	2565.0	2494.5	2394.0	2271.9
2.5°	2621.7	2644.3	2666.1	2680.4	2666.1	2644.3	2621.7	2581.1	2520.1	2424.9	2299.9
0°	2636.3	2658.4	2670.4	2677.3	2670.4	2658.4	2636.3	2599.8	2536.7	2443.7	2318.3
-2.5°	2621.7	2644.3	2666.1	2680.4	2666.1	2644.3	2621.7	2581.1	2520.1	2424.9	2299.9
-5°	2619.2	2647.5	2658.0	2664.2	2658.0	2647.5	2619.2	2565.0	2494.5	2394.0	2271.9
-7.5°	2601.0	2630.4	2650.0	2657.0	2650.0	2630.4	2601.0	2548.8	2462.4	2351.5	2228.1
-10°	2554.7	2590.5	2618.8	2631.5	2618.8	2590.5	2554.7	2489.2	2405.1	2299.9	2174.7
-12.5°	2471.9	2518.2	2549.8	2561.9	2549.8	2518.2	2471.9	2406.1	2324.2	2222.7	2106.2
-15°	2369.0	2419.3	2453.1	2460.6	2453.1	2419.3	2369.0	2303.2	2223.5	2129.1	2019.4
-17.5°	2249.8	2297.7	2332.8	2341.4	2332.8	2297.7	2249.8	2186.5	2107.5	2020.8	1923.3
-20°	2116.7	2161.0	2193.7	2197.0	2193.7	2161.0	2116.7	2058.5	1988.3	1910.2	1820.9



REPORT NUMBER: P558523 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1978.5	2016.0	2041.6	2048.1	2041.6	2016.0	1978.5	1926.8	1864.7	1793.0	1708.5
-25°	1840.6	1874.8	1894.5	1902.0	1894.5	1874.8	1840.6	1790.9	1732.6	1664.2	1585.1
-27.5°	1697.7	1728.5	1745.6	1749.7	1745.6	1728.5	1697.7	1652.6	1598.9	1536.7	1467.5
-30°	1551.6	1579.1	1595.5	1597.1	1595.5	1579.1	1551.6	1513.6	1466.4	1411.7	1349.6
-32.5°	1410.9	1436.4	1452.9	1455.5	1452.9	1436.4	1410.9	1377.7	1336.1	1285.8	1228.7
-35°	1270.8	1291.9	1303.3	1300.4	1303.3	1291.9	1270.8	1240.5	1201.5	1156.1	1107.8
-37.5°	1129.3	1146.3	1155.0	1154.7	1155.0	1146.3	1129.3	1104.3	1072.0	1033.5	989.8
-40°	995.8	1012.4	1020.0	1015.1	1020.0	1012.4	995.8	972.6	944.8	911.8	874.6
-42.5°	865.6	878.7	887.6	894.2	887.6	878.7	865.6	846.2	823.8	796.0	763.3
-45°	750.3	764.1	772.4	773.9	772.4	764.1	750.3	733.1	713.0	687.5	656.7
-47.5°	635.7	643.7	649.7	653.7	649.7	643.7	635.7	623.2	605.3	583.9	560.6
-50°	520.9	527.4	532.9	537.2	532.9	527.4	520.9	510.0	495.6	479.4	460.5
-52.5°	413.4	419.3	424.9	429.7	424.9	419.3	413.4	403.8	391.2	377.9	360.1
-55°	319.1	327.9	332.9	334.2	332.9	327.9	319.1	307.0	291.9	275.5	254.6
-57.5°	215.8	224.1	231.5	237.1	231.5	224.1	215.8	204.7	190.8	175.0	156.9
-60°	121.4	125.2	127.0	127.1	127.0	125.2	121.4	116.7	111.4	105.8	99.3
-62.5°	81.1	82.3	83.5	84.4	83.5	82.3	81.1	79.3	76.9	74.3	72.0
-65°	56.8	57.1	57.4	57.5	57.4	57.1	56.8	56.3	55.5	55.2	54.8
-67.5°	47.1	47.6	47.7	47.6	47.7	47.6	47.1	46.4	45.7	44.7	43.6
-70°	37.5	38.0	37.8	37.2	37.8	38.0	37.5	37.1	36.9	36.8	36.1
-72.5°	21.3	18.0	15.7	13.4	15.7	18.0	21.3	24.6	27.8	30.1	29.7
-75°	14.4	10.5	10.3	10.3	10.3	10.5	14.4	18.2	21.9	24.7	24.4
-77.5°	11.0	8.0	7.7	7.6	7.7	8.0	11.0	13.9	16.6	18.7	18.6
-80°	6.5	5.2	5.3	5.5	5.3	5.2	6.5	7.8	9.1	10.2	11.0
-82.5°	3.9	3.1	3.2	3.4	3.2	3.1	3.9	4.7	5.4	6.1	6.5
-85°	1.6	1.4	1.4	1.4	1.4	1.4	1.6	1.7	1.9	2.0	1.9
-87.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558523 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.4	0.4	0.5
85°	1.9	1.8	1.8	1.9	2.0	2.1	2.1	1.8	1.6	1.4	1.3
82.5°	6.8	7.0	7.0	6.6	6.2	5.8	5.4	4.5	3.7	3.0	2.5
80°	11.6	12.2	12.6	12.2	11.7	11.1	10.2	8.3	6.7	5.3	4.5
77.5°	18.6	18.5	18.4	17.8	17.2	16.7	15.8	13.0	10.3	7.9	6.7
75°	24.2	23.9	23.5	22.7	21.8	20.8	19.5	17.6	15.2	12.4	10.4
72.5°	29.3	28.7	28.1	27.2	26.2	25.2	24.0	22.4	20.6	18.5	16.8
70°	35.3	34.5	33.6	32.6	31.6	30.4	29.2	27.7	25.8	23.7	22.5
67.5°	42.4	41.2	40.0	38.5	37.2	35.8	35.1	33.8	32.1	30.0	28.5
65°	53.3	50.8	49.1	49.0	47.7	45.1	42.4	41.2	39.8	37.4	34.8
62.5°	70.1	68.8	65.3	62.2	59.9	58.1	54.8	51.2	48.4	46.0	42.7
60°	91.8	83.3	79.8	75.9	71.6	67.4	64.5	61.0	56.9	53.7	50.3
57.5°	136.6	120.0	110.3	99.6	87.8	81.3	76.6	71.2	66.5	62.0	57.8
55°	229.0	205.0	179.3	149.7	122.0	109.6	95.9	85.0	78.4	70.7	65.7
52.5°	337.3	308.4	276.2	240.9	204.8	166.5	128.8	112.7	94.3	83.0	74.5
50°	437.9	407.8	376.0	341.2	298.3	251.7	206.2	160.8	123.7	102.5	85.6
47.5°	533.1	500.2	465.0	427.5	387.9	343.8	290.6	234.7	182.1	129.4	106.3
45°	625.5	590.1	550.6	509.8	467.3	422.2	374.5	317.2	254.0	193.3	130.7
42.5°	725.3	682.5	638.2	592.6	544.0	496.0	445.5	391.7	331.1	261.4	193.6
40°	831.2	783.8	733.2	679.1	625.1	568.1	513.6	457.1	398.1	332.2	255.8
37.5°	939.8	885.4	830.4	770.7	709.2	646.5	583.0	520.7	457.7	393.3	319.3
35°	1052.6	992.5	928.9	863.7	794.4	726.2	656.2	585.4	516.4	447.8	377.0
32.5°	1166.6	1100.6	1029.4	957.2	882.2	805.4	729.5	652.7	573.9	500.7	426.6
30°	1281.4	1208.3	1130.7	1048.3	966.6	884.4	800.9	716.7	632.3	551.0	474.1
27.5°	1394.2	1314.7	1230.3	1140.8	1047.3	959.1	869.4	778.1	687.3	600.7	518.2
25°	1505.4	1418.4	1324.7	1228.9	1130.9	1028.1	932.8	836.8	741.2	647.1	558.1
22.5°	1616.2	1518.8	1415.8	1310.1	1207.3	1099.1	992.7	890.7	791.1	691.3	597.0
20°	1722.2	1615.1	1503.9	1389.5	1275.6	1164.1	1049.6	941.2	835.9	732.6	633.2
17.5°	1815.9	1702.4	1585.6	1461.9	1340.4	1221.9	1103.4	987.5	876.6	768.6	666.0
15°	1902.5	1782.0	1657.7	1528.5	1399.3	1272.4	1149.9	1028.2	913.0	800.5	695.1
12.5°	1981.0	1853.3	1723.0	1586.8	1451.3	1317.0	1189.5	1064.9	944.9	829.0	719.7
10°	2045.2	1912.4	1777.0	1637.3	1496.1	1355.9	1222.3	1094.5	970.5	851.7	740.1
7.5°	2097.4	1958.8	1818.2	1677.2	1531.8	1388.4	1249.6	1116.9	990.6	868.3	756.2
5°	2138.1	1995.4	1849.8	1706.6	1557.6	1411.1	1270.0	1132.0	1004.6	878.9	767.8
2.5°	2166.0	2020.2	1869.4	1724.3	1574.3	1425.3	1285.2	1143.6	1014.6	890.1	778.0
0°	2182.9	2038.8	1884.1	1736.6	1589.5	1433.1	1295.6	1151.6	1018.9	897.3	783.2
-2.5°	2166.0	2020.2	1869.4	1724.3	1574.3	1425.3	1285.2	1143.6	1014.6	890.1	778.0
-5°	2138.1	1995.4	1849.8	1706.6	1557.6	1411.1	1270.0	1132.0	1004.6	878.9	767.8
-7.5°	2097.4	1958.8	1818.2	1677.2	1531.8	1388.4	1249.6	1116.9	990.6	868.3	756.2
-10°	2045.2	1912.4	1777.0	1637.3	1496.1	1355.9	1222.3	1094.5	970.5	851.7	740.1
-12.5°	1981.0	1853.3	1723.0	1586.8	1451.3	1317.0	1189.5	1064.9	944.9	829.0	719.7
-15°	1902.5	1782.0	1657.7	1528.5	1399.3	1272.4	1149.9	1028.2	913.0	800.5	695.1
-17.5°	1815.9	1702.4	1585.6	1461.9	1340.4	1221.9	1103.4	987.5	876.6	768.6	666.0
-20°	1722.2	1615.1	1503.9	1389.5	1275.6	1164.1	1049.6	941.2	835.9	732.6	633.2



REPORT NUMBER: P558523 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1616.2	1518.8	1415.8	1310.1	1207.3	1099.1	992.7	890.7	791.1	691.3	597.0
-25°	1505.4	1418.4	1324.7	1228.9	1130.9	1028.1	932.8	836.8	741.2	647.1	558.1
-27.5°	1394.2	1314.7	1230.3	1140.8	1047.3	959.1	869.4	778.1	687.3	600.7	518.2
-30°	1281.4	1208.3	1130.7	1048.3	966.6	884.4	800.9	716.7	632.3	551.0	474.1
-32.5°	1166.6	1100.6	1029.4	957.2	882.2	805.4	729.5	652.7	573.9	500.7	426.6
-35°	1052.6	992.5	928.9	863.7	794.4	726.2	656.2	585.4	516.4	447.8	377.0
-37.5°	939.8	885.4	830.4	770.7	709.2	646.5	583.0	520.7	457.7	393.3	319.3
-40°	831.2	783.8	733.2	679.1	625.1	568.1	513.6	457.1	398.1	332.2	255.8
-42.5°	725.3	682.5	638.2	592.6	544.0	496.0	445.5	391.7	331.1	261.4	193.6
-45°	625.5	590.1	550.6	509.8	467.3	422.2	374.5	317.2	254.0	193.3	130.7
-47.5°	533.1	500.2	465.0	427.5	387.9	343.8	290.6	234.7	182.1	129.4	106.3
-50°	437.9	407.8	376.0	341.2	298.3	251.7	206.2	160.8	123.7	102.5	85.6
-52.5°	337.3	308.4	276.2	240.9	204.8	166.5	128.8	112.7	94.3	83.0	74.5
-55°	229.0	205.0	179.3	149.7	122.0	109.6	95.9	85.0	78.4	70.7	65.7
-57.5°	136.6	120.0	110.3	99.6	87.8	81.3	76.6	71.2	66.5	62.0	57.8
-60°	91.8	83.3	79.8	75.9	71.6	67.4	64.5	61.0	56.9	53.7	50.3
-62.5°	70.1	68.8	65.3	62.2	59.9	58.1	54.8	51.2	48.4	46.0	42.7
-65°	53.3	50.8	49.1	49.0	47.7	45.1	42.4	41.2	39.8	37.4	34.8
-67.5°	42.4	41.2	40.0	38.5	37.2	35.8	35.1	33.8	32.1	30.0	28.5
-70°	35.3	34.5	33.6	32.6	31.6	30.4	29.2	27.7	25.8	23.7	22.5
-72.5°	29.3	28.7	28.1	27.2	26.2	25.2	24.0	22.4	20.6	18.5	16.8
-75°	24.2	23.9	23.5	22.7	21.8	20.8	19.5	17.6	15.2	12.4	10.4
-77.5°	18.6	18.5	18.4	17.8	17.2	16.7	15.8	13.0	10.3	7.9	6.7
-80°	11.6	12.2	12.6	12.2	11.7	11.1	10.2	8.3	6.7	5.3	4.5
-82.5°	6.8	7.0	7.0	6.6	6.2	5.8	5.4	4.5	3.7	3.0	2.5
-85°	1.9	1.8	1.8	1.9	2.0	2.1	2.1	1.8	1.6	1.4	1.3
-87.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.4	0.4	0.5
-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: P558523 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3
85°	1.3	1.2	1.2	1.1	1.0	0.9	0.9	0.8	0.8	0.7	0.6
82.5°	2.5	2.5	2.5	2.4	2.4	2.3	2.2	1.9	1.5	1.1	0.9
80°	5.0	5.3	5.3	5.0	4.4	3.8	3.7	3.4	2.8	2.2	1.6
77.5°	7.7	8.4	8.9	8.7	7.8	6.8	6.0	5.1	4.0	3.3	2.6
75°	10.6	11.5	12.3	12.2	11.2	9.9	8.7	7.4	6.0	4.5	3.5
72.5°	16.0	15.6	15.7	15.8	14.9	13.6	11.9	9.8	8.1	6.4	4.6
70°	21.4	20.0	19.1	18.9	18.5	17.5	15.7	13.1	10.3	8.3	6.3
67.5°	27.2	25.8	23.9	22.3	21.7	20.9	19.6	16.4	13.1	10.2	7.9
65°	33.1	31.4	29.7	27.3	25.5	24.3	23.0	19.6	15.9	12.5	9.6
62.5°	39.5	36.7	34.5	32.0	29.6	27.8	26.3	22.7	18.6	14.7	11.3
60°	46.6	43.1	39.4	36.4	33.5	30.9	28.9	25.8	21.5	16.8	13.0
57.5°	53.8	49.5	45.0	40.9	37.6	34.3	31.3	28.3	24.4	19.3	14.6
55°	61.0	56.2	50.5	45.6	41.5	38.0	34.0	30.7	27.1	22.0	15.8
52.5°	68.0	62.5	56.4	50.3	45.4	41.3	37.0	33.0	29.3	24.7	17.6
50°	76.5	68.6	62.1	55.5	49.1	44.4	39.8	35.4	31.4	27.1	19.3
47.5°	86.4	76.3	67.8	60.6	53.7	47.4	42.5	37.8	33.5	29.0	20.7
45°	106.0	85.1	74.5	65.9	58.1	51.1	45.2	39.9	35.5	29.8	21.9
42.5°	128.5	101.5	82.3	71.1	62.7	54.8	47.9	42.3	37.2	30.4	22.6
40°	182.5	122.1	92.8	78.0	67.4	58.2	50.9	44.6	38.7	30.7	22.9
37.5°	238.0	160.1	111.3	84.7	72.4	62.4	53.8	46.9	39.4	31.0	23.0
35°	294.4	209.9	129.4	96.9	78.4	66.5	56.5	49.1	40.8	31.4	22.9
32.5°	347.8	258.0	171.0	113.0	84.1	70.4	59.5	51.4	42.6	31.7	22.6
30°	393.7	304.7	212.2	128.3	92.1	75.3	62.9	53.5	44.8	32.0	22.2
27.5°	435.4	348.3	250.9	158.1	105.4	80.0	66.1	55.5	47.3	32.8	22.3
25°	473.8	385.5	288.3	190.7	117.8	84.4	69.0	57.4	49.3	34.4	22.3
22.5°	507.7	418.6	322.5	220.4	129.0	88.8	72.2	59.8	50.8	36.2	22.3
20°	538.1	448.7	353.6	247.9	147.4	98.1	75.6	62.0	52.2	38.1	22.1
17.5°	565.5	474.8	379.7	273.9	169.5	106.3	78.7	63.9	53.4	39.9	21.9
15°	592.2	497.0	401.9	297.0	188.9	113.4	81.5	65.5	54.5	41.7	21.8
12.5°	614.6	516.0	420.6	316.9	205.6	119.4	83.9	66.8	55.4	43.3	21.7
10°	632.6	531.7	435.8	333.5	219.5	124.3	86.0	67.8	56.1	44.7	21.3
7.5°	646.2	544.0	447.5	346.8	230.5	128.3	87.4	68.4	56.7	45.7	20.6
5°	656.0	553.2	456.0	356.6	238.4	131.6	88.2	68.7	57.1	46.5	19.7
2.5°	664.1	559.7	461.4	362.9	243.2	133.9	88.6	68.8	57.4	46.9	18.7
0°	668.1	562.7	463.4	365.6	245.0	135.1	88.6	68.6	57.5	46.9	17.6
-2.5°	664.1	559.7	461.4	362.9	243.2	133.9	88.6	68.8	57.4	46.9	18.7
-5°	656.0	553.2	456.0	356.6	238.4	131.6	88.2	68.7	57.1	46.5	19.7
-7.5°	646.2	544.0	447.5	346.8	230.5	128.3	87.4	68.4	56.7	45.7	20.6
-10°	632.6	531.7	435.8	333.5	219.5	124.3	86.0	67.8	56.1	44.7	21.3
-12.5°	614.6	516.0	420.6	316.9	205.6	119.4	83.9	66.8	55.4	43.3	21.7
-15°	592.2	497.0	401.9	297.0	188.9	113.4	81.5	65.5	54.5	41.7	21.8
-17.5°	565.5	474.8	379.7	273.9	169.5	106.3	78.7	63.9	53.4	39.9	21.9
-20°	538.1	448.7	353.6	247.9	147.4	98.1	75.6	62.0	52.2	38.1	22.1



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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°	507.7	418.6	322.5	220.4	129.0	88.8	72.2	59.8	50.8	36.2	22.3
-25°	473.8	385.5	288.3	190.7	117.8	84.4	69.0	57.4	49.3	34.4	22.3
-27.5°	435.4	348.3	250.9	158.1	105.4	80.0	66.1	55.5	47.3	32.8	22.3
-30°	393.7	304.7	212.2	128.3	92.1	75.3	62.9	53.5	44.8	32.0	22.2
-32.5°	347.8	258.0	171.0	113.0	84.1	70.4	59.5	51.4	42.6	31.7	22.6
-35°	294.4	209.9	129.4	96.9	78.4	66.5	56.5	49.1	40.8	31.4	22.9
-37.5°	238.0	160.1	111.3	84.7	72.4	62.4	53.8	46.9	39.4	31.0	23.0
-40°	182.5	122.1	92.8	78.0	67.4	58.2	50.9	44.6	38.7	30.7	22.9
-42.5°	128.5	101.5	82.3	71.1	62.7	54.8	47.9	42.3	37.2	30.4	22.6
-45°	106.0	85.1	74.5	65.9	58.1	51.1	45.2	39.9	35.5	29.8	21.9
-47.5°	86.4	76.3	67.8	60.6	53.7	47.4	42.5	37.8	33.5	29.0	20.7
-50°	76.5	68.6	62.1	55.5	49.1	44.4	39.8	35.4	31.4	27.1	19.3
-52.5°	68.0	62.5	56.4	50.3	45.4	41.3	37.0	33.0	29.3	24.7	17.6
-55°	61.0	56.2	50.5	45.6	41.5	38.0	34.0	30.7	27.1	22.0	15.8
-57.5°	53.8	49.5	45.0	40.9	37.6	34.3	31.3	28.3	24.4	19.3	14.6
-60°	46.6	43.1	39.4	36.4	33.5	30.9	28.9	25.8	21.5	16.8	13.0
-62.5°	39.5	36.7	34.5	32.0	29.6	27.8	26.3	22.7	18.6	14.7	11.3
-65°	33.1	31.4	29.7	27.3	25.5	24.3	23.0	19.6	15.9	12.5	9.6
-67.5°	27.2	25.8	23.9	22.3	21.7	20.9	19.6	16.4	13.1	10.2	7.9
-70°	21.4	20.0	19.1	18.9	18.5	17.5	15.7	13.1	10.3	8.3	6.3
-72.5°	16.0	15.6	15.7	15.8	14.9	13.6	11.9	9.8	8.1	6.4	4.6
-75°	10.6	11.5	12.3	12.2	11.2	9.9	8.7	7.4	6.0	4.5	3.5
-77.5°	7.7	8.4	8.9	8.7	7.8	6.8	6.0	5.1	4.0	3.3	2.6
-80°	5.0	5.3	5.3	5.0	4.4	3.8	3.7	3.4	2.8	2.2	1.6
-82.5°	2.5	2.5	2.5	2.4	2.4	2.3	2.2	1.9	1.5	1.1	0.9
-85°	1.3	1.2	1.2	1.1	1.0	0.9	0.9	0.8	0.8	0.7	0.6
-87.5°	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3
-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):

	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°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
85°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
82.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
80°	1.1	0.9	0.7	0.5	0.3	0.2	0.0
77.5°	1.9	1.2	0.9	0.6	0.4	0.2	0.0
75°	2.6	1.7	1.1	0.8	0.5	0.3	0.0
72.5°	3.3	2.3	1.4	0.9	0.6	0.3	0.0
70°	4.1	2.8	1.8	1.0	0.7	0.3	0.0
67.5°	5.4	3.3	2.1	1.3	0.8	0.4	0.0
65°	6.6	3.9	2.4	1.5	0.8	0.4	0.0
62.5°	7.7	4.7	2.7	1.6	0.9	0.5	0.0
60°	8.7	5.4	3.0	1.8	1.0	0.5	0.0
57.5°	9.7	6.1	3.4	2.0	1.1	0.5	0.0
55°	10.6	6.6	3.8	2.1	1.2	0.6	0.0
52.5°	11.4	7.2	4.2	2.3	1.3	0.6	0.0
50°	12.1	7.6	4.5	2.4	1.4	0.6	0.0
47.5°	12.7	8.0	4.7	2.5	1.5	0.7	0.0
45°	13.7	8.3	4.9	2.7	1.6	0.7	0.0
42.5°	14.5	8.5	5.0	2.8	1.7	0.7	0.0
40°	15.2	8.6	5.1	2.9	1.7	0.8	0.0
37.5°	15.7	8.6	5.2	3.0	1.8	0.8	0.0
35°	16.1	8.8	5.1	3.2	1.9	0.8	0.0
32.5°	16.1	9.0	5.1	3.3	2.0	0.8	0.0
30°	15.8	9.2	5.0	3.4	2.0	0.9	0.0
27.5°	15.4	9.2	5.1	3.5	2.1	0.9	0.0
25°	14.8	9.0	5.2	3.6	2.1	0.9	0.0
22.5°	14.2	9.0	5.4	3.7	2.2	0.9	0.0
20°	13.4	9.5	5.5	3.8	2.2	0.9	0.0
17.5°	13.2	9.8	5.7	3.9	2.3	1.0	0.0
15°	13.5	10.1	5.8	3.9	2.3	1.0	0.0
12.5°	13.8	10.4	5.9	4.0	2.3	1.0	0.0
10°	14.0	10.6	6.0	4.0	2.4	1.0	0.0
7.5°	14.2	10.8	6.1	4.1	2.4	1.0	0.0
5°	14.3	10.9	6.1	4.1	2.4	1.0	0.0
2.5°	14.4	11.0	6.2	4.1	2.4	1.0	0.0
0°	14.5	11.0	6.2	4.1	2.4	1.0	0.0
-2.5°	14.4	11.0	6.2	4.1	2.4	1.0	0.0
-5°	14.3	10.9	6.1	4.1	2.4	1.0	0.0
-7.5°	14.2	10.8	6.1	4.1	2.4	1.0	0.0
-10°	14.0	10.6	6.0	4.0	2.4	1.0	0.0
-12.5°	13.8	10.4	5.9	4.0	2.3	1.0	0.0
-15°	13.5	10.1	5.8	3.9	2.3	1.0	0.0
-17.5°	13.2	9.8	5.7	3.9	2.3	1.0	0.0
-20°	13.4	9.5	5.5	3.8	2.2	0.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	14.2	9.0	5.4	3.7	2.2	0.9	0.0
-25°	14.8	9.0	5.2	3.6	2.1	0.9	0.0
-27.5°	15.4	9.2	5.1	3.5	2.1	0.9	0.0
-30°	15.8	9.2	5.0	3.4	2.0	0.9	0.0
-32.5°	16.1	9.0	5.1	3.3	2.0	0.8	0.0
-35°	16.1	8.8	5.1	3.2	1.9	0.8	0.0
-37.5°	15.7	8.6	5.2	3.0	1.8	0.8	0.0
-40°	15.2	8.6	5.1	2.9	1.7	0.8	0.0
-42.5°	14.5	8.5	5.0	2.8	1.7	0.7	0.0
-45°	13.7	8.3	4.9	2.7	1.6	0.7	0.0
-47.5°	12.7	8.0	4.7	2.5	1.5	0.7	0.0
-50°	12.1	7.6	4.5	2.4	1.4	0.6	0.0
-52.5°	11.4	7.2	4.2	2.3	1.3	0.6	0.0
-55°	10.6	6.6	3.8	2.1	1.2	0.6	0.0
-57.5°	9.7	6.1	3.4	2.0	1.1	0.5	0.0
-60°	8.7	5.4	3.0	1.8	1.0	0.5	0.0
-62.5°	7.7	4.7	2.7	1.6	0.9	0.5	0.0
-65°	6.6	3.9	2.4	1.5	0.8	0.4	0.0
-67.5°	5.4	3.3	2.1	1.3	0.8	0.4	0.0
-70°	4.1	2.8	1.8	1.0	0.7	0.3	0.0
-72.5°	3.3	2.3	1.4	0.9	0.6	0.3	0.0
-75°	2.6	1.7	1.1	0.8	0.5	0.3	0.0
-77.5°	1.9	1.2	0.9	0.6	0.4	0.2	0.0
-80°	1.1	0.9	0.7	0.5	0.3	0.2	0.0
-82.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-85°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
-87.5°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)