

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: P558607 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-935-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558607 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-3)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1E-935-U-NR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (16) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

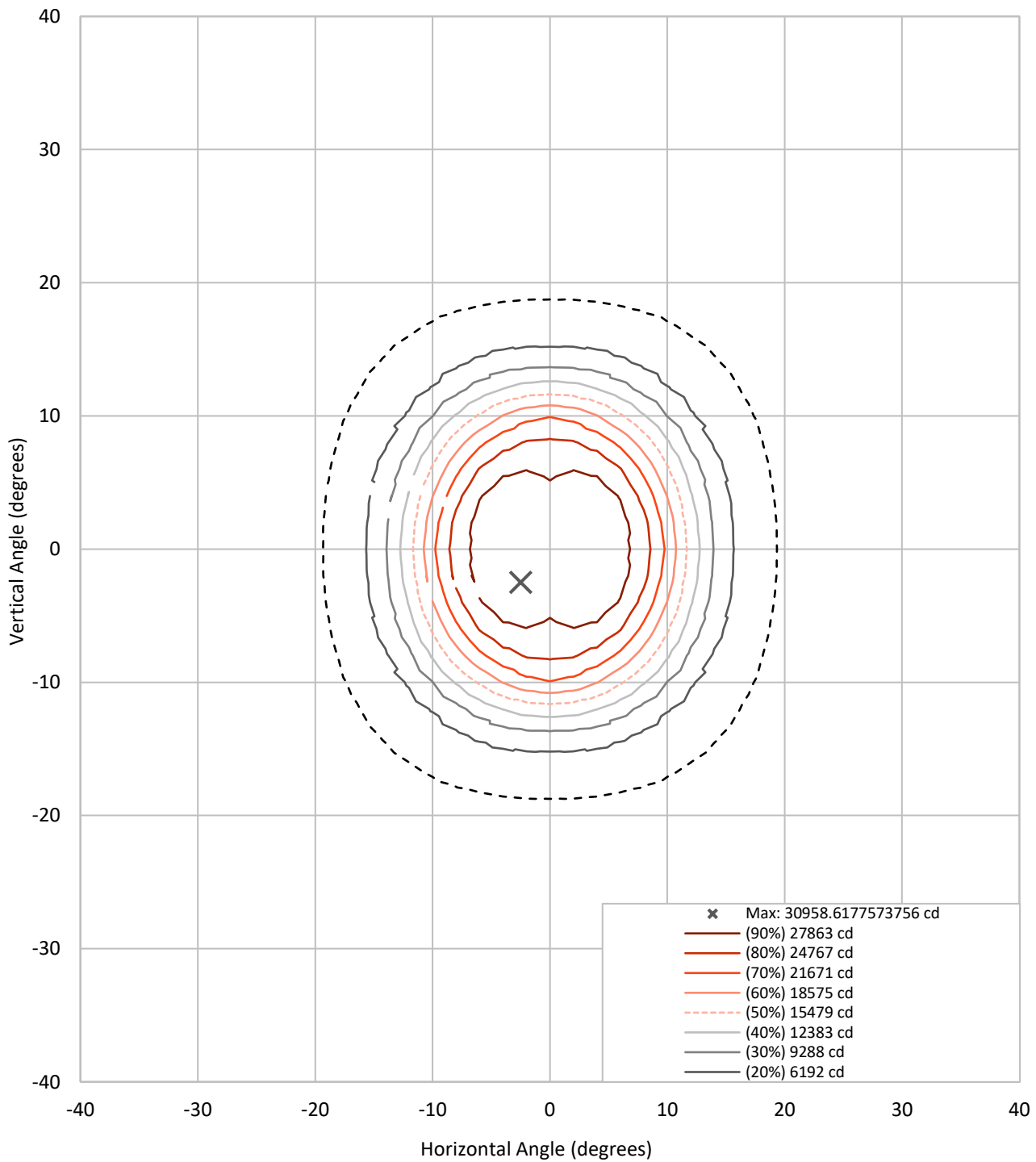
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	5854.3 lumens	Max Intensity:	30958.6 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	91.5 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	3160.5 lumens	Field Lumens:	4766.2 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 64
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





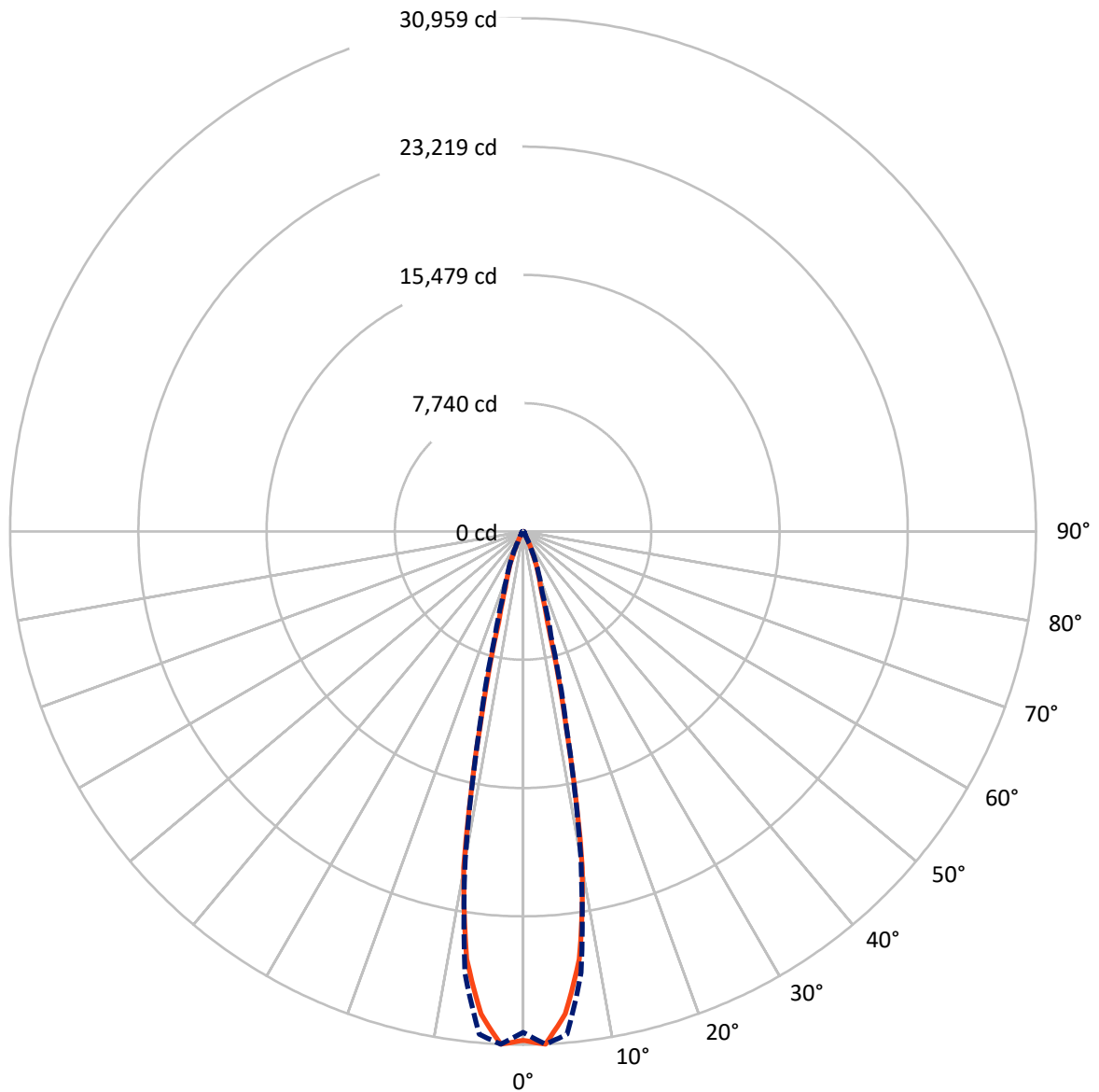
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Lumen Table

90	0.1	0.6	1.6	2.5	2.9	2.5	1.6	0.6	0.1										
80	0.1	0.6	1.6	2.5	2.9	2.5	1.6	0.6	0.1										
70	0.3	0.3	0.6	1.0	1.4	1.7	2.0	2.1	2.1	2.0	1.7	1.4	1.0	0.6	0.3	0.3			
60		0.5	0.9	1.5	1.9	2.3	2.6	2.7	2.7	2.6	2.3	1.9	1.5	0.9	0.5				
50	0.5	0.6	1.2	1.8	2.3	2.8	3.2	3.4	3.4	3.2	2.8	2.3	1.8	1.2	0.6	0.5			
40		0.7	1.4	2.0	2.7	3.6	4.8	5.7	5.7	4.8	3.6	2.7	2.0	1.4	0.7				
30	0.7	0.8	1.5	2.2	3.3	6.0	18.0	35.0	35.0	18.0	6.0	3.3	2.2	1.5	0.8	0.7			
20		0.9	1.5	2.3	4.1	17.8	82.0	210.8	210.8	82.0	17.8	4.1	2.3	1.5	0.9				
10	0.7	0.9	1.6	2.4	4.9	34.6	213.4	754.0	754.0	213.4	34.6	4.9	2.4	1.6	0.9	0.7			
0		0.9	1.6	2.4	4.9	34.6	213.4	754.0	754.0	213.4	34.6	4.9	2.4	1.6	0.9				
-10	0.7	0.9	1.6	2.4	4.9	34.6	213.4	754.0	754.0	213.4	34.6	4.9	2.4	1.6	0.9	0.7			
-20		0.9	1.5	2.3	4.1	17.8	82.0	210.8	210.8	82.0	17.8	4.1	2.3	1.5	0.9				
-30	0.5	0.8	1.5	2.2	3.3	6.0	18.0	35.0	35.0	18.0	6.0	3.3	2.2	1.5	0.8	0.5			
-40		0.7	1.4	2.0	2.7	3.6	4.8	5.7	5.7	4.8	3.6	2.7	2.0	1.4	0.7				
-50	0.3	0.6	1.2	1.8	2.3	2.8	3.2	3.4	3.4	3.2	2.8	2.3	1.8	1.2	0.6	0.3			
-60		0.5	0.9	1.5	1.9	2.3	2.6	2.7	2.7	2.6	2.3	1.9	1.5	0.9	0.5				
-70	0.3	0.3	0.6	1.0	1.4	1.7	2.0	2.1	2.1	2.0	1.7	1.4	1.0	0.6	0.3	0.3			
-80		0.1	0.6	1.6	2.5	2.9	2.5	1.6	0.6	0.1									
-90	0.1	0.6	1.6	2.5	2.9	2.5	1.6	0.6	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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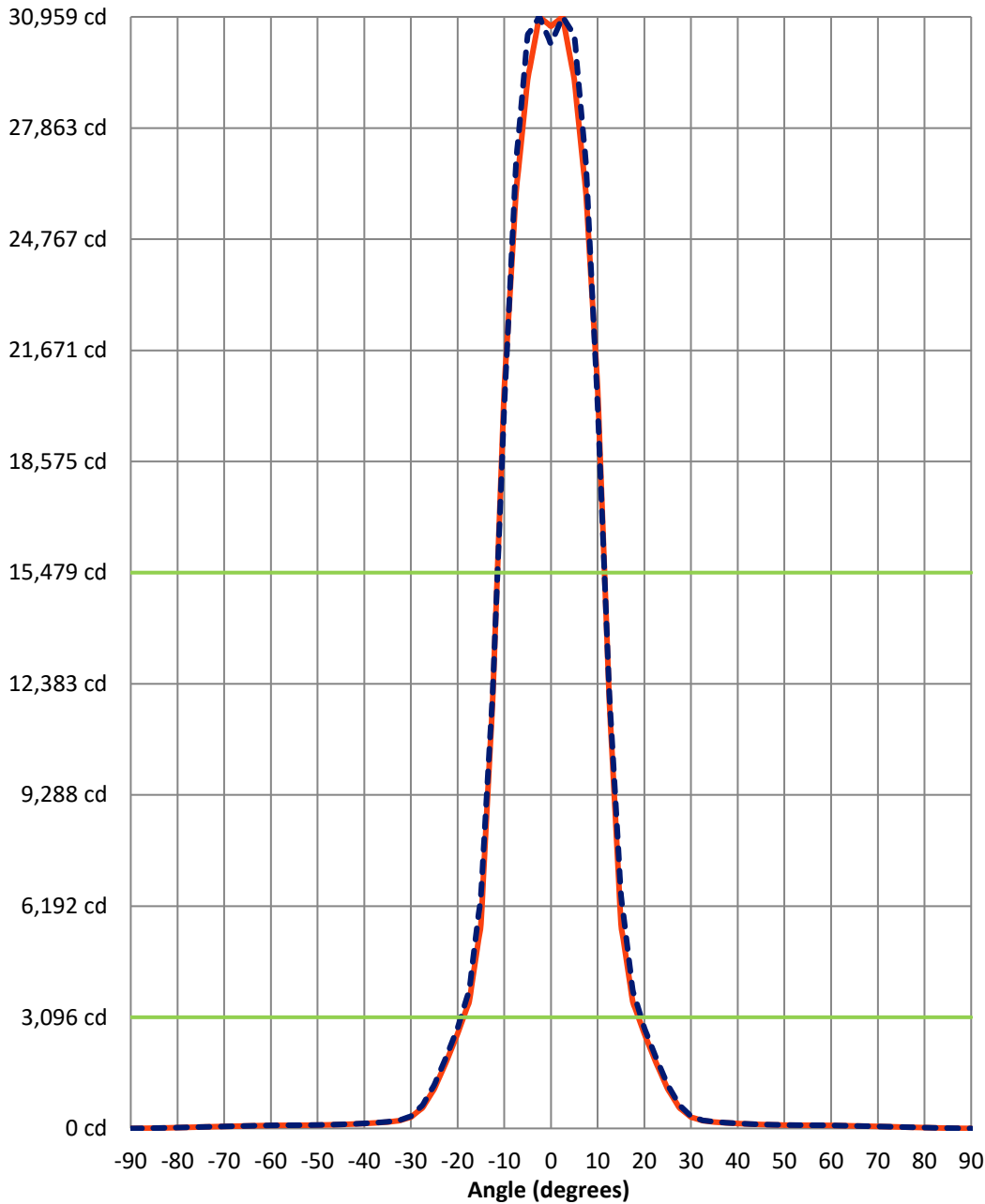
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 22.9°
 V Angle: 22.9°
 Lumens: 3160.5
 Efficiency: 54.0%

Field:
 H Angle: 38.6°
 V Angle: 37.5°
 Lumens: 4766.2
 Efficiency: 81.4%

Spill:
 Lumens: 1088
 Efficiency: 18.6%

— Vertical Distribution through -2.5-Deg
 - - Horizontal Distribution through -2.5-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.3	1.4
85°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.5	2.8
82.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.0	3.4	4.1	4.8
80°	0.0	0.6	1.1	1.7	2.3	2.8	3.4	4.3	5.2	6.1	7.0
77.5°	0.0	0.7	1.4	2.1	2.8	3.7	4.7	5.8	6.9	8.1	9.4
75°	0.0	0.9	1.7	2.6	3.5	4.7	5.9	7.2	8.7	10.3	11.8
72.5°	0.0	1.0	2.0	3.0	4.3	5.8	7.2	8.8	10.7	12.6	14.3
70°	0.0	1.1	2.3	3.4	5.2	6.9	8.5	10.6	12.8	14.9	17.3
67.5°	0.0	1.3	2.5	4.1	6.0	7.9	10.1	12.5	14.9	17.6	20.4
65°	0.0	1.4	2.8	4.7	6.9	9.1	11.6	14.3	17.3	20.4	23.4
62.5°	0.0	1.5	3.0	5.4	7.7	10.3	13.1	16.3	19.7	23.1	26.6
60°	0.0	1.6	3.3	6.0	8.5	11.5	14.6	18.3	22.0	25.9	29.7
57.5°	0.0	1.8	3.7	6.6	9.5	12.7	16.3	20.3	24.4	28.6	32.7
55°	0.0	1.9	4.1	7.2	10.4	13.9	18.0	22.3	26.8	31.3	35.7
52.5°	0.0	2.0	4.5	7.8	11.3	15.0	19.6	24.3	29.1	33.9	38.6
50°	0.0	2.1	4.9	8.3	12.1	16.3	21.2	26.3	31.4	36.4	41.5
47.5°	0.0	2.2	5.2	8.9	12.9	17.6	22.7	28.2	33.5	38.8	44.3
45°	0.0	2.3	5.6	9.5	13.7	18.8	24.3	30.1	35.6	41.3	47.1
42.5°	0.0	2.4	5.9	10.0	14.4	20.0	25.9	31.9	37.7	43.7	49.5
40°	0.0	2.5	6.2	10.6	15.2	21.1	27.4	33.6	39.6	46.0	51.8
37.5°	0.0	2.6	6.5	11.1	16.1	22.2	28.8	35.2	41.6	48.1	54.0
35°	0.0	2.7	6.8	11.5	16.9	23.2	30.1	36.7	43.4	50.0	56.1
32.5°	0.0	2.8	7.1	12.0	17.6	24.3	31.4	38.2	45.1	51.7	58.2
30°	0.0	2.9	7.3	12.4	18.3	25.3	32.6	39.5	46.7	53.3	60.0
27.5°	0.0	2.9	7.6	12.8	19.0	26.2	33.6	40.8	48.1	54.8	61.7
25°	0.0	3.0	7.8	13.1	19.6	27.1	34.6	42.0	49.3	56.2	63.1
22.5°	0.0	3.0	8.0	13.4	20.2	27.8	35.5	43.1	50.4	57.4	64.4
20°	0.0	3.1	8.1	13.7	20.7	28.6	36.4	44.0	51.4	58.5	65.6
17.5°	0.0	3.1	8.3	14.0	21.2	29.2	37.1	44.9	52.3	59.4	66.6
15°	0.0	3.2	8.4	14.2	21.6	29.7	37.7	45.6	53.1	60.2	67.5
12.5°	0.0	3.2	8.5	14.4	22.0	30.2	38.2	46.2	53.8	60.8	68.2
10°	0.0	3.2	8.6	14.5	22.3	30.6	38.6	46.7	54.3	61.5	68.8
7.5°	0.0	3.3	8.7	14.6	22.6	30.8	39.0	47.1	54.8	62.0	69.2
5°	0.0	3.3	8.8	14.7	22.8	31.0	39.2	47.4	55.1	62.5	69.5
2.5°	0.0	3.3	8.8	14.8	22.9	31.2	39.4	47.5	55.2	62.8	69.6
0°	0.0	3.3	8.8	14.8	23.0	31.2	39.4	47.6	55.3	63.0	69.5
-2.5°	0.0	3.3	8.8	14.8	22.9	31.2	39.4	47.5	55.2	62.8	69.6
-5°	0.0	3.3	8.8	14.7	22.8	31.0	39.2	47.4	55.1	62.5	69.5
-7.5°	0.0	3.3	8.7	14.6	22.6	30.8	39.0	47.1	54.8	62.0	69.2
-10°	0.0	3.2	8.6	14.5	22.3	30.6	38.6	46.7	54.3	61.5	68.8
-12.5°	0.0	3.2	8.5	14.4	22.0	30.2	38.2	46.2	53.8	60.8	68.2
-15°	0.0	3.2	8.4	14.2	21.6	29.7	37.7	45.6	53.1	60.2	67.5
-17.5°	0.0	3.1	8.3	14.0	21.2	29.2	37.1	44.9	52.3	59.4	66.6
-20°	0.0	3.1	8.1	13.7	20.7	28.6	36.4	44.0	51.4	58.5	65.6



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 CATALOG NUMBER: GFLD-SA1E-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.0	8.0	13.4	20.2	27.8	35.5	43.1	50.4	57.4	64.4
-25°	0.0	3.0	7.8	13.1	19.6	27.1	34.6	42.0	49.3	56.2	63.1
-27.5°	0.0	2.9	7.6	12.8	19.0	26.2	33.6	40.8	48.1	54.8	61.7
-30°	0.0	2.9	7.3	12.4	18.3	25.3	32.6	39.5	46.7	53.3	60.0
-32.5°	0.0	2.8	7.1	12.0	17.6	24.3	31.4	38.2	45.1	51.7	58.2
-35°	0.0	2.7	6.8	11.5	16.9	23.2	30.1	36.7	43.4	50.0	56.1
-37.5°	0.0	2.6	6.5	11.1	16.1	22.2	28.8	35.2	41.6	48.1	54.0
-40°	0.0	2.5	6.2	10.6	15.2	21.1	27.4	33.6	39.6	46.0	51.8
-42.5°	0.0	2.4	5.9	10.0	14.4	20.0	25.9	31.9	37.7	43.7	49.5
-45°	0.0	2.3	5.6	9.5	13.7	18.8	24.3	30.1	35.6	41.3	47.1
-47.5°	0.0	2.2	5.2	8.9	12.9	17.6	22.7	28.2	33.5	38.8	44.3
-50°	0.0	2.1	4.9	8.3	12.1	16.3	21.2	26.3	31.4	36.4	41.5
-52.5°	0.0	2.0	4.5	7.8	11.3	15.0	19.6	24.3	29.1	33.9	38.6
-55°	0.0	1.9	4.1	7.2	10.4	13.9	18.0	22.3	26.8	31.3	35.7
-57.5°	0.0	1.8	3.7	6.6	9.5	12.7	16.3	20.3	24.4	28.6	32.7
-60°	0.0	1.6	3.3	6.0	8.5	11.5	14.6	18.3	22.0	25.9	29.7
-62.5°	0.0	1.5	3.0	5.4	7.7	10.3	13.1	16.3	19.7	23.1	26.6
-65°	0.0	1.4	2.8	4.7	6.9	9.1	11.6	14.3	17.3	20.4	23.4
-67.5°	0.0	1.3	2.5	4.1	6.0	7.9	10.1	12.5	14.9	17.6	20.4
-70°	0.0	1.1	2.3	3.4	5.2	6.9	8.5	10.6	12.8	14.9	17.3
-72.5°	0.0	1.0	2.0	3.0	4.3	5.8	7.2	8.8	10.7	12.6	14.3
-75°	0.0	0.9	1.7	2.6	3.5	4.7	5.9	7.2	8.7	10.3	11.8
-77.5°	0.0	0.7	1.4	2.1	2.8	3.7	4.7	5.8	6.9	8.1	9.4
-80°	0.0	0.6	1.1	1.7	2.3	2.8	3.4	4.3	5.2	6.1	7.0
-82.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.0	3.4	4.1	4.8
-85°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.5	2.8
-87.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.3	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



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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°	1.5	1.6	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6
85°	3.0	3.3	3.7	4.0	4.3	4.6	4.9	5.1	5.4	5.8	6.1
82.5°	5.3	5.9	6.4	6.8	7.2	7.6	8.0	8.6	9.2	9.9	10.4
80°	7.8	8.5	9.3	10.1	11.0	11.8	12.7	13.5	14.3	15.0	15.7
77.5°	10.5	11.6	12.7	13.8	15.0	16.3	17.6	18.8	19.9	21.0	22.1
75°	13.2	14.6	16.3	18.0	19.6	21.2	22.7	24.3	25.8	27.2	28.6
72.5°	16.3	18.3	20.3	22.3	24.4	26.4	28.3	30.0	31.8	33.7	35.3
70°	19.7	22.0	24.5	27.0	29.5	31.7	34.0	36.2	38.5	40.4	42.1
67.5°	23.1	25.9	28.8	31.7	34.4	37.0	39.7	42.2	44.5	46.5	48.5
65°	26.6	29.8	33.0	36.1	39.1	42.2	45.1	47.8	50.3	52.6	54.8
62.5°	30.1	33.6	37.0	40.5	44.0	47.4	50.4	53.3	56.1	58.5	60.9
60°	33.5	37.3	41.1	44.9	48.8	52.3	55.6	58.6	61.4	64.2	66.6
57.5°	36.8	40.9	45.0	49.2	53.2	57.0	60.4	63.6	66.5	69.2	71.8
55°	40.1	44.4	48.9	53.2	57.4	61.4	64.9	68.2	71.2	73.8	76.2
52.5°	43.3	47.8	52.5	57.1	61.4	65.5	69.2	72.4	75.2	77.8	79.9
50°	46.5	51.2	56.0	60.7	65.1	69.3	73.0	76.1	78.7	81.1	83.1
47.5°	49.5	54.5	59.3	64.1	68.6	72.7	76.3	79.2	81.9	84.0	85.9
45°	52.3	57.5	62.5	67.2	71.8	75.8	79.2	82.1	84.5	86.7	88.6
42.5°	55.0	60.4	65.5	70.2	74.7	78.6	81.8	84.6	87.1	89.2	91.3
40°	57.6	63.3	68.4	73.0	77.4	81.1	84.2	87.0	89.4	91.8	94.0
37.5°	60.1	65.9	71.1	75.8	79.7	83.3	86.3	89.2	91.9	94.5	97.5
35°	62.5	68.4	73.7	78.3	82.0	85.2	88.4	91.4	94.6	97.9	101.4
32.5°	64.8	70.8	76.1	80.4	83.9	87.1	90.4	94.0	97.7	101.5	105.9
30°	66.8	72.9	78.3	82.3	85.6	88.8	92.6	96.8	101.1	105.5	110.6
27.5°	68.5	75.0	80.0	83.8	87.1	90.1	94.4	99.8	104.5	109.2	114.8
25°	70.1	76.6	81.5	85.1	88.2	91.5	95.9	101.4	107.5	112.5	120.3
22.5°	71.5	78.0	82.9	86.3	89.0	92.6	97.1	102.5	108.7	115.1	125.9
20°	72.7	79.1	84.1	87.3	89.7	93.3	97.7	103.3	110.2	119.4	131.4
17.5°	73.7	80.2	85.0	87.9	90.5	93.9	98.0	103.8	111.7	123.2	136.4
15°	74.6	81.3	85.8	88.5	91.1	94.5	98.9	104.9	114.1	126.8	141.0
12.5°	75.4	82.3	86.4	88.9	91.5	95.0	99.8	106.8	116.9	130.3	146.0
10°	75.9	83.3	86.9	89.2	91.7	95.2	100.7	108.2	119.3	133.7	150.5
7.5°	76.5	84.0	87.3	89.5	91.8	95.4	101.3	109.2	121.0	136.4	154.3
5°	76.9	84.5	87.7	89.7	91.7	95.4	101.9	109.9	122.1	138.5	157.1
2.5°	77.1	84.8	88.0	89.8	91.6	95.4	102.3	111.0	123.4	140.0	158.8
0°	77.2	84.9	88.2	89.8	91.4	95.3	102.4	111.7	124.3	140.7	159.3
-2.5°	77.1	84.8	88.0	89.8	91.6	95.4	102.3	111.0	123.4	140.0	158.8
-5°	76.9	84.5	87.7	89.7	91.7	95.4	101.9	109.9	122.1	138.5	157.1
-7.5°	76.5	84.0	87.3	89.5	91.8	95.4	101.3	109.2	121.0	136.4	154.3
-10°	75.9	83.3	86.9	89.2	91.7	95.2	100.7	108.2	119.3	133.7	150.5
-12.5°	75.4	82.3	86.4	88.9	91.5	95.0	99.8	106.8	116.9	130.3	146.0
-15°	74.6	81.3	85.8	88.5	91.1	94.5	98.9	104.9	114.1	126.8	141.0
-17.5°	73.7	80.2	85.0	87.9	90.5	93.9	98.0	103.8	111.7	123.2	136.4
-20°	72.7	79.1	84.1	87.3	89.7	93.3	97.7	103.3	110.2	119.4	131.4



REPORT NUMBER: P558607 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	71.5	78.0	82.9	86.3	89.0	92.6	97.1	102.5	108.7	115.1	125.9
-25°	70.1	76.6	81.5	85.1	88.2	91.5	95.9	101.4	107.5	112.5	120.3
-27.5°	68.5	75.0	80.0	83.8	87.1	90.1	94.4	99.8	104.5	109.2	114.8
-30°	66.8	72.9	78.3	82.3	85.6	88.8	92.6	96.8	101.1	105.5	110.6
-32.5°	64.8	70.8	76.1	80.4	83.9	87.1	90.4	94.0	97.7	101.5	105.9
-35°	62.5	68.4	73.7	78.3	82.0	85.2	88.4	91.4	94.6	97.9	101.4
-37.5°	60.1	65.9	71.1	75.8	79.7	83.3	86.3	89.2	91.9	94.5	97.5
-40°	57.6	63.3	68.4	73.0	77.4	81.1	84.2	87.0	89.4	91.8	94.0
-42.5°	55.0	60.4	65.5	70.2	74.7	78.6	81.8	84.6	87.1	89.2	91.3
-45°	52.3	57.5	62.5	67.2	71.8	75.8	79.2	82.1	84.5	86.7	88.6
-47.5°	49.5	54.5	59.3	64.1	68.6	72.7	76.3	79.2	81.9	84.0	85.9
-50°	46.5	51.2	56.0	60.7	65.1	69.3	73.0	76.1	78.7	81.1	83.1
-52.5°	43.3	47.8	52.5	57.1	61.4	65.5	69.2	72.4	75.2	77.8	79.9
-55°	40.1	44.4	48.9	53.2	57.4	61.4	64.9	68.2	71.2	73.8	76.2
-57.5°	36.8	40.9	45.0	49.2	53.2	57.0	60.4	63.6	66.5	69.2	71.8
-60°	33.5	37.3	41.1	44.9	48.8	52.3	55.6	58.6	61.4	64.2	66.6
-62.5°	30.1	33.6	37.0	40.5	44.0	47.4	50.4	53.3	56.1	58.5	60.9
-65°	26.6	29.8	33.0	36.1	39.1	42.2	45.1	47.8	50.3	52.6	54.8
-67.5°	23.1	25.9	28.8	31.7	34.4	37.0	39.7	42.2	44.5	46.5	48.5
-70°	19.7	22.0	24.5	27.0	29.5	31.7	34.0	36.2	38.5	40.4	42.1
-72.5°	16.3	18.3	20.3	22.3	24.4	26.4	28.3	30.0	31.8	33.7	35.3
-75°	13.2	14.6	16.3	18.0	19.6	21.2	22.7	24.3	25.8	27.2	28.6
-77.5°	10.5	11.6	12.7	13.8	15.0	16.3	17.6	18.8	19.9	21.0	22.1
-80°	7.8	8.5	9.3	10.1	11.0	11.8	12.7	13.5	14.3	15.0	15.7
-82.5°	5.3	5.9	6.4	6.8	7.2	7.6	8.0	8.6	9.2	9.9	10.4
-85°	3.0	3.3	3.7	4.0	4.3	4.6	4.9	5.1	5.4	5.8	6.1
-87.5°	1.5	1.6	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6
-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: P558607 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.7	2.7	2.6	2.5	2.4	2.6	2.8	3.0	3.2	3.2	3.2
85°	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.7	7.9	8.1	8.3
82.5°	10.9	11.4	11.8	12.2	12.5	12.9	13.3	13.7	14.1	14.3	14.5
80°	16.5	17.2	17.9	18.5	19.0	19.7	20.3	20.9	21.4	21.8	22.0
77.5°	23.2	24.1	25.0	25.8	26.5	27.3	27.9	28.4	28.8	29.3	29.8
75°	29.8	31.1	32.2	33.3	34.2	35.0	35.8	36.5	37.1	37.6	38.1
72.5°	36.9	38.3	39.5	40.7	41.8	42.8	43.8	44.7	45.5	46.1	46.6
70°	43.7	45.2	46.7	48.1	49.5	50.7	51.7	52.7	53.5	54.3	54.8
67.5°	50.3	52.0	53.8	55.4	56.8	58.1	59.3	60.4	61.4	62.2	62.7
65°	56.9	58.8	60.6	62.3	63.7	65.0	66.4	67.6	68.6	69.3	69.8
62.5°	63.2	65.3	67.1	68.8	70.4	71.8	73.0	74.1	75.1	75.9	76.4
60°	68.9	71.0	72.8	74.4	75.9	77.2	78.4	79.5	80.6	81.5	82.2
57.5°	73.9	75.9	77.7	79.1	80.4	81.6	82.8	83.7	84.5	85.1	85.5
55°	78.2	80.0	81.7	83.1	84.3	85.3	86.1	86.8	87.3	87.7	88.0
52.5°	81.9	83.6	85.3	86.7	87.6	88.4	89.1	89.9	90.3	90.4	90.4
50°	85.0	86.7	88.2	89.4	90.7	92.1	93.5	94.2	94.5	94.3	94.0
47.5°	87.7	89.4	91.0	92.6	94.4	96.7	99.1	100.2	100.1	99.5	99.3
45°	90.4	92.2	94.2	96.5	99.0	102.0	104.8	106.5	106.5	106.6	107.0
42.5°	93.2	95.5	98.2	101.4	104.6	108.0	110.9	113.1	114.7	116.6	118.2
40°	96.7	99.3	103.2	107.1	111.4	115.0	119.5	123.4	126.6	129.5	131.7
37.5°	100.8	104.5	109.4	114.5	120.1	125.6	130.9	135.8	140.0	144.8	148.4
35°	105.6	110.9	117.0	123.4	130.2	137.3	144.1	151.9	158.8	165.0	170.0
32.5°	111.3	117.7	125.1	133.6	142.2	151.5	161.3	171.4	181.1	191.2	201.3
30°	117.0	125.5	134.9	145.2	155.3	167.5	180.3	196.7	214.0	233.8	264.1
27.5°	124.0	134.1	145.1	156.9	170.8	186.5	210.9	241.4	293.5	332.4	436.8
25°	130.8	142.4	156.4	171.8	190.5	219.0	277.6	345.4	496.3	637.5	800.7
22.5°	137.7	152.1	169.0	187.8	220.2	293.7	405.2	609.5	842.6	1090.0	1342.0
20°	144.7	161.6	182.8	214.1	282.1	407.8	658.2	986.4	1317.7	1722.3	2072.2
17.5°	152.5	173.6	201.1	248.3	360.3	629.6	1000.0	1455.5	1968.1	2488.3	2925.0
15°	159.0	183.6	220.6	312.8	524.2	881.5	1366.3	1983.7	2682.6	3340.2	3901.1
12.5°	166.1	194.8	243.4	365.1	675.4	1145.2	1784.0	2543.9	3382.3	4283.4	5710.0
10°	172.7	206.1	281.7	473.7	849.8	1411.7	2158.1	3014.3	4031.1	5835.2	9207.7
7.5°	178.3	215.0	310.5	554.7	1007.6	1663.1	2463.1	3416.5	4945.2	7976.2	13651.4
5°	182.1	220.9	330.5	615.2	1133.3	1848.5	2658.1	3681.5	5877.9	10593.4	17426.8
2.5°	184.7	224.1	341.2	650.6	1212.8	1971.2	2796.3	3859.7	6504.1	12107.2	20113.5
0°	186.7	225.1	343.3	681.2	1239.7	2012.9	2803.1	3907.5	6718.8	12698.3	21070.8
-2.5°	184.7	224.1	341.2	650.6	1212.8	1971.2	2796.3	3859.7	6504.1	12107.2	20113.5
-5°	182.1	220.9	330.5	615.2	1133.3	1848.5	2658.1	3681.5	5877.9	10593.4	17426.8
-7.5°	178.3	215.0	310.5	554.7	1007.6	1663.1	2463.1	3416.5	4945.2	7976.2	13651.4
-10°	172.7	206.1	281.7	473.7	849.8	1411.7	2158.1	3014.3	4031.1	5835.2	9207.7
-12.5°	166.1	194.8	243.4	365.1	675.4	1145.2	1784.0	2543.9	3382.3	4283.4	5710.0
-15°	159.0	183.6	220.6	312.8	524.2	881.5	1366.3	1983.7	2682.6	3340.2	3901.1
-17.5°	152.5	173.6	201.1	248.3	360.3	629.6	1000.0	1455.5	1968.1	2488.3	2925.0
-20°	144.7	161.6	182.8	214.1	282.1	407.8	658.2	986.4	1317.7	1722.3	2072.2



REPORT NUMBER: P558607 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	137.7	152.1	169.0	187.8	220.2	293.7	405.2	609.5	842.6	1090.0	1342.0
-25°	130.8	142.4	156.4	171.8	190.5	219.0	277.6	345.4	496.3	637.5	800.7
-27.5°	124.0	134.1	145.1	156.9	170.8	186.5	210.9	241.4	293.5	332.4	436.8
-30°	117.0	125.5	134.9	145.2	155.3	167.5	180.3	196.7	214.0	233.8	264.1
-32.5°	111.3	117.7	125.1	133.6	142.2	151.5	161.3	171.4	181.1	191.2	201.3
-35°	105.6	110.9	117.0	123.4	130.2	137.3	144.1	151.9	158.8	165.0	170.0
-37.5°	100.8	104.5	109.4	114.5	120.1	125.6	130.9	135.8	140.0	144.8	148.4
-40°	96.7	99.3	103.2	107.1	111.4	115.0	119.5	123.4	126.6	129.5	131.7
-42.5°	93.2	95.5	98.2	101.4	104.6	108.0	110.9	113.1	114.7	116.6	118.2
-45°	90.4	92.2	94.2	96.5	99.0	102.0	104.8	106.5	106.5	106.6	107.0
-47.5°	87.7	89.4	91.0	92.6	94.4	96.7	99.1	100.2	100.1	99.5	99.3
-50°	85.0	86.7	88.2	89.4	90.7	92.1	93.5	94.2	94.5	94.3	94.0
-52.5°	81.9	83.6	85.3	86.7	87.6	88.4	89.1	89.9	90.3	90.4	90.4
-55°	78.2	80.0	81.7	83.1	84.3	85.3	86.1	86.8	87.3	87.7	88.0
-57.5°	73.9	75.9	77.7	79.1	80.4	81.6	82.8	83.7	84.5	85.1	85.5
-60°	68.9	71.0	72.8	74.4	75.9	77.2	78.4	79.5	80.6	81.5	82.2
-62.5°	63.2	65.3	67.1	68.8	70.4	71.8	73.0	74.1	75.1	75.9	76.4
-65°	56.9	58.8	60.6	62.3	63.7	65.0	66.4	67.6	68.6	69.3	69.8
-67.5°	50.3	52.0	53.8	55.4	56.8	58.1	59.3	60.4	61.4	62.2	62.7
-70°	43.7	45.2	46.7	48.1	49.5	50.7	51.7	52.7	53.5	54.3	54.8
-72.5°	36.9	38.3	39.5	40.7	41.8	42.8	43.8	44.7	45.5	46.1	46.6
-75°	29.8	31.1	32.2	33.3	34.2	35.0	35.8	36.5	37.1	37.6	38.1
-77.5°	23.2	24.1	25.0	25.8	26.5	27.3	27.9	28.4	28.8	29.3	29.8
-80°	16.5	17.2	17.9	18.5	19.0	19.7	20.3	20.9	21.4	21.8	22.0
-82.5°	10.9	11.4	11.8	12.2	12.5	12.9	13.3	13.7	14.1	14.3	14.5
-85°	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.7	7.9	8.1	8.3
-87.5°	2.7	2.7	2.6	2.5	2.4	2.6	2.8	3.0	3.2	3.2	3.2
-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: P558607 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.0
85°	8.6	8.8	8.5	8.2	8.5	8.8	8.6	8.3	8.1	7.9	7.7
82.5°	14.6	14.7	14.8	14.8	14.8	14.7	14.6	14.5	14.3	14.1	13.7
80°	22.2	22.4	22.7	23.0	22.7	22.4	22.2	22.0	21.8	21.4	20.9
77.5°	30.2	30.5	30.7	30.7	30.7	30.5	30.2	29.8	29.3	28.8	28.4
75°	38.5	38.7	39.4	40.0	39.4	38.7	38.5	38.1	37.6	37.1	36.5
72.5°	47.1	47.4	47.8	48.2	47.8	47.4	47.1	46.6	46.1	45.5	44.7
70°	55.3	55.6	55.8	55.9	55.8	55.6	55.3	54.8	54.3	53.5	52.7
67.5°	63.1	63.2	63.2	63.0	63.2	63.2	63.1	62.7	62.2	61.4	60.4
65°	70.1	70.3	70.3	70.1	70.3	70.3	70.1	69.8	69.3	68.6	67.6
62.5°	76.7	76.9	77.1	77.2	77.1	76.9	76.7	76.4	75.9	75.1	74.1
60°	82.9	83.4	83.7	83.8	83.7	83.4	82.9	82.2	81.5	80.6	79.5
57.5°	86.0	86.3	86.5	86.5	86.5	86.3	86.0	85.5	85.1	84.5	83.7
55°	88.1	88.1	87.9	87.6	87.9	88.1	88.1	88.0	87.7	87.3	86.8
52.5°	90.2	89.9	89.8	89.8	89.8	89.9	90.2	90.4	90.4	90.3	89.9
50°	93.8	93.3	93.0	93.1	93.0	93.3	93.8	94.0	94.3	94.5	94.2
47.5°	99.6	99.9	100.1	100.2	100.1	99.9	99.6	99.3	99.5	100.1	100.2
45°	108.1	108.8	109.3	109.5	109.3	108.8	108.1	107.0	106.6	106.5	106.5
42.5°	119.9	120.8	121.2	121.0	121.2	120.8	119.9	118.2	116.6	114.7	113.1
40°	134.0	135.8	136.9	136.9	136.9	135.8	134.0	131.7	129.5	126.6	123.4
37.5°	151.6	154.1	155.4	155.0	155.4	154.1	151.6	148.4	144.8	140.0	135.8
35°	173.9	176.3	177.4	178.5	177.4	176.3	173.9	170.0	165.0	158.8	151.9
32.5°	209.3	214.3	216.2	213.6	216.2	214.3	209.3	201.3	191.2	181.1	171.4
30°	284.6	302.8	314.9	320.9	314.9	302.8	284.6	264.1	233.8	214.0	196.7
27.5°	508.7	556.3	576.5	587.6	576.5	556.3	508.7	436.8	332.4	293.5	241.4
25°	940.5	1042.0	1100.5	1095.7	1100.5	1042.0	940.5	800.7	637.5	496.3	345.4
22.5°	1576.2	1736.4	1832.5	1867.8	1832.5	1736.4	1576.2	1342.0	1090.0	842.6	609.5
20°	2364.3	2543.9	2637.9	2651.9	2637.9	2543.9	2364.3	2072.2	1722.3	1317.7	986.4
17.5°	3268.7	3439.1	3538.0	3536.8	3538.0	3439.1	3268.7	2925.0	2488.3	1968.1	1455.5
15°	4665.1	5324.3	5696.0	5641.7	5696.0	5324.3	4665.1	3901.1	3340.2	2682.6	1983.7
12.5°	7644.1	10276.9	11910.1	12313.4	11910.1	10276.9	7644.1	5710.0	4283.4	3382.3	2543.9
10°	13508.2	17447.0	20592.7	21501.7	20592.7	17447.0	13508.2	9207.7	5835.2	4031.1	3014.3
7.5°	19430.5	24105.4	26029.3	26252.8	26029.3	24105.4	19430.5	13651.4	7976.2	4945.2	3416.5
5°	23900.9	28657.6	29208.2	27825.2	29208.2	28657.6	23900.9	17426.8	10593.4	5877.9	3681.5
2.5°	26851.6	30445.4	30958.6	30214.3	30958.6	30445.4	26851.6	20113.5	12107.2	6504.1	3859.7
0°	27524.5	29970.0	30699.1	30778.8	30699.1	29970.0	27524.5	21070.8	12698.3	6718.8	3907.5
-2.5°	26851.6	30445.4	30958.6	30214.3	30958.6	30445.4	26851.6	20113.5	12107.2	6504.1	3859.7
-5°	23900.9	28657.6	29208.2	27825.2	29208.2	28657.6	23900.9	17426.8	10593.4	5877.9	3681.5
-7.5°	19430.5	24105.4	26029.3	26252.8	26029.3	24105.4	19430.5	13651.4	7976.2	4945.2	3416.5
-10°	13508.2	17447.0	20592.7	21501.7	20592.7	17447.0	13508.2	9207.7	5835.2	4031.1	3014.3
-12.5°	7644.1	10276.9	11910.1	12313.4	11910.1	10276.9	7644.1	5710.0	4283.4	3382.3	2543.9
-15°	4665.1	5324.3	5696.0	5641.7	5696.0	5324.3	4665.1	3901.1	3340.2	2682.6	1983.7
-17.5°	3268.7	3439.1	3538.0	3536.8	3538.0	3439.1	3268.7	2925.0	2488.3	1968.1	1455.5
-20°	2364.3	2543.9	2637.9	2651.9	2637.9	2543.9	2364.3	2072.2	1722.3	1317.7	986.4



REPORT NUMBER: P558607 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1576.2	1736.4	1832.5	1867.8	1832.5	1736.4	1576.2	1342.0	1090.0	842.6	609.5
-25°	940.5	1042.0	1100.5	1095.7	1100.5	1042.0	940.5	800.7	637.5	496.3	345.4
-27.5°	508.7	556.3	576.5	587.6	576.5	556.3	508.7	436.8	332.4	293.5	241.4
-30°	284.6	302.8	314.9	320.9	314.9	302.8	284.6	264.1	233.8	214.0	196.7
-32.5°	209.3	214.3	216.2	213.6	216.2	214.3	209.3	201.3	191.2	181.1	171.4
-35°	173.9	176.3	177.4	178.5	177.4	176.3	173.9	170.0	165.0	158.8	151.9
-37.5°	151.6	154.1	155.4	155.0	155.4	154.1	151.6	148.4	144.8	140.0	135.8
-40°	134.0	135.8	136.9	136.9	136.9	135.8	134.0	131.7	129.5	126.6	123.4
-42.5°	119.9	120.8	121.2	121.0	121.2	120.8	119.9	118.2	116.6	114.7	113.1
-45°	108.1	108.8	109.3	109.5	109.3	108.8	108.1	107.0	106.6	106.5	106.5
-47.5°	99.6	99.9	100.1	100.2	100.1	99.9	99.6	99.3	99.5	100.1	100.2
-50°	93.8	93.3	93.0	93.1	93.0	93.3	93.8	94.0	94.3	94.5	94.2
-52.5°	90.2	89.9	89.8	89.8	89.8	89.9	90.2	90.4	90.4	90.3	89.9
-55°	88.1	88.1	87.9	87.6	87.9	88.1	88.1	88.0	87.7	87.3	86.8
-57.5°	86.0	86.3	86.5	86.5	86.5	86.3	86.0	85.5	85.1	84.5	83.7
-60°	82.9	83.4	83.7	83.8	83.7	83.4	82.9	82.2	81.5	80.6	79.5
-62.5°	76.7	76.9	77.1	77.2	77.1	76.9	76.7	76.4	75.9	75.1	74.1
-65°	70.1	70.3	70.3	70.1	70.3	70.3	70.1	69.8	69.3	68.6	67.6
-67.5°	63.1	63.2	63.2	63.0	63.2	63.2	63.1	62.7	62.2	61.4	60.4
-70°	55.3	55.6	55.8	55.9	55.8	55.6	55.3	54.8	54.3	53.5	52.7
-72.5°	47.1	47.4	47.8	48.2	47.8	47.4	47.1	46.6	46.1	45.5	44.7
-75°	38.5	38.7	39.4	40.0	39.4	38.7	38.5	38.1	37.6	37.1	36.5
-77.5°	30.2	30.5	30.7	30.7	30.7	30.5	30.2	29.8	29.3	28.8	28.4
-80°	22.2	22.4	22.7	23.0	22.7	22.4	22.2	22.0	21.8	21.4	20.9
-82.5°	14.6	14.7	14.8	14.8	14.8	14.7	14.6	14.5	14.3	14.1	13.7
-85°	8.6	8.8	8.5	8.2	8.5	8.8	8.6	8.3	8.1	7.9	7.7
-87.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558607 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.8	2.6	2.4	2.5	2.6	2.7	2.7	2.6	2.5	2.4	2.3
85°	7.6	7.4	7.2	7.0	6.8	6.6	6.4	6.1	5.8	5.4	5.1
82.5°	13.3	12.9	12.5	12.2	11.8	11.4	10.9	10.4	9.9	9.2	8.6
80°	20.3	19.7	19.0	18.5	17.9	17.2	16.5	15.7	15.0	14.3	13.5
77.5°	27.9	27.3	26.5	25.8	25.0	24.1	23.2	22.1	21.0	19.9	18.8
75°	35.8	35.0	34.2	33.3	32.2	31.1	29.8	28.6	27.2	25.8	24.3
72.5°	43.8	42.8	41.8	40.7	39.5	38.3	36.9	35.3	33.7	31.8	30.0
70°	51.7	50.7	49.5	48.1	46.7	45.2	43.7	42.1	40.4	38.5	36.2
67.5°	59.3	58.1	56.8	55.4	53.8	52.0	50.3	48.5	46.5	44.5	42.2
65°	66.4	65.0	63.7	62.3	60.6	58.8	56.9	54.8	52.6	50.3	47.8
62.5°	73.0	71.8	70.4	68.8	67.1	65.3	63.2	60.9	58.5	56.1	53.3
60°	78.4	77.2	75.9	74.4	72.8	71.0	68.9	66.6	64.2	61.4	58.6
57.5°	82.8	81.6	80.4	79.1	77.7	75.9	73.9	71.8	69.2	66.5	63.6
55°	86.1	85.3	84.3	83.1	81.7	80.0	78.2	76.2	73.8	71.2	68.2
52.5°	89.1	88.4	87.6	86.7	85.3	83.6	81.9	79.9	77.8	75.2	72.4
50°	93.5	92.1	90.7	89.4	88.2	86.7	85.0	83.1	81.1	78.7	76.1
47.5°	99.1	96.7	94.4	92.6	91.0	89.4	87.7	85.9	84.0	81.9	79.2
45°	104.8	102.0	99.0	96.5	94.2	92.2	90.4	88.6	86.7	84.5	82.1
42.5°	110.9	108.0	104.6	101.4	98.2	95.5	93.2	91.3	89.2	87.1	84.6
40°	119.5	115.0	111.4	107.1	103.2	99.3	96.7	94.0	91.8	89.4	87.0
37.5°	130.9	125.6	120.1	114.5	109.4	104.5	100.8	97.5	94.5	91.9	89.2
35°	144.1	137.3	130.2	123.4	117.0	110.9	105.6	101.4	97.9	94.6	91.4
32.5°	161.3	151.5	142.2	133.6	125.1	117.7	111.3	105.9	101.5	97.7	94.0
30°	180.3	167.5	155.3	145.2	134.9	125.5	117.0	110.6	105.5	101.1	96.8
27.5°	210.9	186.5	170.8	156.9	145.1	134.1	124.0	114.8	109.2	104.5	99.8
25°	277.6	219.0	190.5	171.8	156.4	142.4	130.8	120.3	112.5	107.5	101.4
22.5°	405.2	293.7	220.2	187.8	169.0	152.1	137.7	125.9	115.1	108.7	102.5
20°	658.2	407.8	282.1	214.1	182.8	161.6	144.7	131.4	119.4	110.2	103.3
17.5°	1000.0	629.6	360.3	248.3	201.1	173.6	152.5	136.4	123.2	111.7	103.8
15°	1366.3	881.5	524.2	312.8	220.6	183.6	159.0	141.0	126.8	114.1	104.9
12.5°	1784.0	1145.2	675.4	365.1	243.4	194.8	166.1	146.0	130.3	116.9	106.8
10°	2158.1	1411.7	849.8	473.7	281.7	206.1	172.7	150.5	133.7	119.3	108.2
7.5°	2463.1	1663.1	1007.6	554.7	310.5	215.0	178.3	154.3	136.4	121.0	109.2
5°	2658.1	1848.5	1133.3	615.2	330.5	220.9	182.1	157.1	138.5	122.1	109.9
2.5°	2796.3	1971.2	1212.8	650.6	341.2	224.1	184.7	158.8	140.0	123.4	111.0
0°	2803.1	2012.9	1239.7	681.2	343.3	225.1	186.7	159.3	140.7	124.3	111.7
-2.5°	2796.3	1971.2	1212.8	650.6	341.2	224.1	184.7	158.8	140.0	123.4	111.0
-5°	2658.1	1848.5	1133.3	615.2	330.5	220.9	182.1	157.1	138.5	122.1	109.9
-7.5°	2463.1	1663.1	1007.6	554.7	310.5	215.0	178.3	154.3	136.4	121.0	109.2
-10°	2158.1	1411.7	849.8	473.7	281.7	206.1	172.7	150.5	133.7	119.3	108.2
-12.5°	1784.0	1145.2	675.4	365.1	243.4	194.8	166.1	146.0	130.3	116.9	106.8
-15°	1366.3	881.5	524.2	312.8	220.6	183.6	159.0	141.0	126.8	114.1	104.9
-17.5°	1000.0	629.6	360.3	248.3	201.1	173.6	152.5	136.4	123.2	111.7	103.8
-20°	658.2	407.8	282.1	214.1	182.8	161.6	144.7	131.4	119.4	110.2	103.3



REPORT NUMBER: P558607 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	405.2	293.7	220.2	187.8	169.0	152.1	137.7	125.9	115.1	108.7	102.5
-25°	277.6	219.0	190.5	171.8	156.4	142.4	130.8	120.3	112.5	107.5	101.4
-27.5°	210.9	186.5	170.8	156.9	145.1	134.1	124.0	114.8	109.2	104.5	99.8
-30°	180.3	167.5	155.3	145.2	134.9	125.5	117.0	110.6	105.5	101.1	96.8
-32.5°	161.3	151.5	142.2	133.6	125.1	117.7	111.3	105.9	101.5	97.7	94.0
-35°	144.1	137.3	130.2	123.4	117.0	110.9	105.6	101.4	97.9	94.6	91.4
-37.5°	130.9	125.6	120.1	114.5	109.4	104.5	100.8	97.5	94.5	91.9	89.2
-40°	119.5	115.0	111.4	107.1	103.2	99.3	96.7	94.0	91.8	89.4	87.0
-42.5°	110.9	108.0	104.6	101.4	98.2	95.5	93.2	91.3	89.2	87.1	84.6
-45°	104.8	102.0	99.0	96.5	94.2	92.2	90.4	88.6	86.7	84.5	82.1
-47.5°	99.1	96.7	94.4	92.6	91.0	89.4	87.7	85.9	84.0	81.9	79.2
-50°	93.5	92.1	90.7	89.4	88.2	86.7	85.0	83.1	81.1	78.7	76.1
-52.5°	89.1	88.4	87.6	86.7	85.3	83.6	81.9	79.9	77.8	75.2	72.4
-55°	86.1	85.3	84.3	83.1	81.7	80.0	78.2	76.2	73.8	71.2	68.2
-57.5°	82.8	81.6	80.4	79.1	77.7	75.9	73.9	71.8	69.2	66.5	63.6
-60°	78.4	77.2	75.9	74.4	72.8	71.0	68.9	66.6	64.2	61.4	58.6
-62.5°	73.0	71.8	70.4	68.8	67.1	65.3	63.2	60.9	58.5	56.1	53.3
-65°	66.4	65.0	63.7	62.3	60.6	58.8	56.9	54.8	52.6	50.3	47.8
-67.5°	59.3	58.1	56.8	55.4	53.8	52.0	50.3	48.5	46.5	44.5	42.2
-70°	51.7	50.7	49.5	48.1	46.7	45.2	43.7	42.1	40.4	38.5	36.2
-72.5°	43.8	42.8	41.8	40.7	39.5	38.3	36.9	35.3	33.7	31.8	30.0
-75°	35.8	35.0	34.2	33.3	32.2	31.1	29.8	28.6	27.2	25.8	24.3
-77.5°	27.9	27.3	26.5	25.8	25.0	24.1	23.2	22.1	21.0	19.9	18.8
-80°	20.3	19.7	19.0	18.5	17.9	17.2	16.5	15.7	15.0	14.3	13.5
-82.5°	13.3	12.9	12.5	12.2	11.8	11.4	10.9	10.4	9.9	9.2	8.6
-85°	7.6	7.4	7.2	7.0	6.8	6.6	6.4	6.1	5.8	5.4	5.1
-87.5°	2.8	2.6	2.4	2.5	2.6	2.7	2.7	2.6	2.5	2.4	2.3
-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: P558607 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.2	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.3	1.1	1.0
85°	4.9	4.6	4.3	4.0	3.7	3.3	3.0	2.8	2.5	2.3	2.0
82.5°	8.0	7.6	7.2	6.8	6.4	5.9	5.3	4.8	4.1	3.4	3.0
80°	12.7	11.8	11.0	10.1	9.3	8.5	7.8	7.0	6.1	5.2	4.3
77.5°	17.6	16.3	15.0	13.8	12.7	11.6	10.5	9.4	8.1	6.9	5.8
75°	22.7	21.2	19.6	18.0	16.3	14.6	13.2	11.8	10.3	8.7	7.2
72.5°	28.3	26.4	24.4	22.3	20.3	18.3	16.3	14.3	12.6	10.7	8.8
70°	34.0	31.7	29.5	27.0	24.5	22.0	19.7	17.3	14.9	12.8	10.6
67.5°	39.7	37.0	34.4	31.7	28.8	25.9	23.1	20.4	17.6	14.9	12.5
65°	45.1	42.2	39.1	36.1	33.0	29.8	26.6	23.4	20.4	17.3	14.3
62.5°	50.4	47.4	44.0	40.5	37.0	33.6	30.1	26.6	23.1	19.7	16.3
60°	55.6	52.3	48.8	44.9	41.1	37.3	33.5	29.7	25.9	22.0	18.3
57.5°	60.4	57.0	53.2	49.2	45.0	40.9	36.8	32.7	28.6	24.4	20.3
55°	64.9	61.4	57.4	53.2	48.9	44.4	40.1	35.7	31.3	26.8	22.3
52.5°	69.2	65.5	61.4	57.1	52.5	47.8	43.3	38.6	33.9	29.1	24.3
50°	73.0	69.3	65.1	60.7	56.0	51.2	46.5	41.5	36.4	31.4	26.3
47.5°	76.3	72.7	68.6	64.1	59.3	54.5	49.5	44.3	38.8	33.5	28.2
45°	79.2	75.8	71.8	67.2	62.5	57.5	52.3	47.1	41.3	35.6	30.1
42.5°	81.8	78.6	74.7	70.2	65.5	60.4	55.0	49.5	43.7	37.7	31.9
40°	84.2	81.1	77.4	73.0	68.4	63.3	57.6	51.8	46.0	39.6	33.6
37.5°	86.3	83.3	79.7	75.8	71.1	65.9	60.1	54.0	48.1	41.6	35.2
35°	88.4	85.2	82.0	78.3	73.7	68.4	62.5	56.1	50.0	43.4	36.7
32.5°	90.4	87.1	83.9	80.4	76.1	70.8	64.8	58.2	51.7	45.1	38.2
30°	92.6	88.8	85.6	82.3	78.3	72.9	66.8	60.0	53.3	46.7	39.5
27.5°	94.4	90.1	87.1	83.8	80.0	75.0	68.5	61.7	54.8	48.1	40.8
25°	95.9	91.5	88.2	85.1	81.5	76.6	70.1	63.1	56.2	49.3	42.0
22.5°	97.1	92.6	89.0	86.3	82.9	78.0	71.5	64.4	57.4	50.4	43.1
20°	97.7	93.3	89.7	87.3	84.1	79.1	72.7	65.6	58.5	51.4	44.0
17.5°	98.0	93.9	90.5	87.9	85.0	80.2	73.7	66.6	59.4	52.3	44.9
15°	98.9	94.5	91.1	88.5	85.8	81.3	74.6	67.5	60.2	53.1	45.6
12.5°	99.8	95.0	91.5	88.9	86.4	82.3	75.4	68.2	60.8	53.8	46.2
10°	100.7	95.2	91.7	89.2	86.9	83.3	75.9	68.8	61.5	54.3	46.7
7.5°	101.3	95.4	91.8	89.5	87.3	84.0	76.5	69.2	62.0	54.8	47.1
5°	101.9	95.4	91.7	89.7	87.7	84.5	76.9	69.5	62.5	55.1	47.4
2.5°	102.3	95.4	91.6	89.8	88.0	84.8	77.1	69.6	62.8	55.2	47.5
0°	102.4	95.3	91.4	89.8	88.2	84.9	77.2	69.5	63.0	55.3	47.6
-2.5°	102.3	95.4	91.6	89.8	88.0	84.8	77.1	69.6	62.8	55.2	47.5
-5°	101.9	95.4	91.7	89.7	87.7	84.5	76.9	69.5	62.5	55.1	47.4
-7.5°	101.3	95.4	91.8	89.5	87.3	84.0	76.5	69.2	62.0	54.8	47.1
-10°	100.7	95.2	91.7	89.2	86.9	83.3	75.9	68.8	61.5	54.3	46.7
-12.5°	99.8	95.0	91.5	88.9	86.4	82.3	75.4	68.2	60.8	53.8	46.2
-15°	98.9	94.5	91.1	88.5	85.8	81.3	74.6	67.5	60.2	53.1	45.6
-17.5°	98.0	93.9	90.5	87.9	85.0	80.2	73.7	66.6	59.4	52.3	44.9
-20°	97.7	93.3	89.7	87.3	84.1	79.1	72.7	65.6	58.5	51.4	44.0



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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°	97.1	92.6	89.0	86.3	82.9	78.0	71.5	64.4	57.4	50.4	43.1
-25°	95.9	91.5	88.2	85.1	81.5	76.6	70.1	63.1	56.2	49.3	42.0
-27.5°	94.4	90.1	87.1	83.8	80.0	75.0	68.5	61.7	54.8	48.1	40.8
-30°	92.6	88.8	85.6	82.3	78.3	72.9	66.8	60.0	53.3	46.7	39.5
-32.5°	90.4	87.1	83.9	80.4	76.1	70.8	64.8	58.2	51.7	45.1	38.2
-35°	88.4	85.2	82.0	78.3	73.7	68.4	62.5	56.1	50.0	43.4	36.7
-37.5°	86.3	83.3	79.7	75.8	71.1	65.9	60.1	54.0	48.1	41.6	35.2
-40°	84.2	81.1	77.4	73.0	68.4	63.3	57.6	51.8	46.0	39.6	33.6
-42.5°	81.8	78.6	74.7	70.2	65.5	60.4	55.0	49.5	43.7	37.7	31.9
-45°	79.2	75.8	71.8	67.2	62.5	57.5	52.3	47.1	41.3	35.6	30.1
-47.5°	76.3	72.7	68.6	64.1	59.3	54.5	49.5	44.3	38.8	33.5	28.2
-50°	73.0	69.3	65.1	60.7	56.0	51.2	46.5	41.5	36.4	31.4	26.3
-52.5°	69.2	65.5	61.4	57.1	52.5	47.8	43.3	38.6	33.9	29.1	24.3
-55°	64.9	61.4	57.4	53.2	48.9	44.4	40.1	35.7	31.3	26.8	22.3
-57.5°	60.4	57.0	53.2	49.2	45.0	40.9	36.8	32.7	28.6	24.4	20.3
-60°	55.6	52.3	48.8	44.9	41.1	37.3	33.5	29.7	25.9	22.0	18.3
-62.5°	50.4	47.4	44.0	40.5	37.0	33.6	30.1	26.6	23.1	19.7	16.3
-65°	45.1	42.2	39.1	36.1	33.0	29.8	26.6	23.4	20.4	17.3	14.3
-67.5°	39.7	37.0	34.4	31.7	28.8	25.9	23.1	20.4	17.6	14.9	12.5
-70°	34.0	31.7	29.5	27.0	24.5	22.0	19.7	17.3	14.9	12.8	10.6
-72.5°	28.3	26.4	24.4	22.3	20.3	18.3	16.3	14.3	12.6	10.7	8.8
-75°	22.7	21.2	19.6	18.0	16.3	14.6	13.2	11.8	10.3	8.7	7.2
-77.5°	17.6	16.3	15.0	13.8	12.7	11.6	10.5	9.4	8.1	6.9	5.8
-80°	12.7	11.8	11.0	10.1	9.3	8.5	7.8	7.0	6.1	5.2	4.3
-82.5°	8.0	7.6	7.2	6.8	6.4	5.9	5.3	4.8	4.1	3.4	3.0
-85°	4.9	4.6	4.3	4.0	3.7	3.3	3.0	2.8	2.5	2.3	2.0
-87.5°	2.2	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.3	1.1	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
85°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
82.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0
80°	3.4	2.8	2.3	1.7	1.1	0.6	0.0
77.5°	4.7	3.7	2.8	2.1	1.4	0.7	0.0
75°	5.9	4.7	3.5	2.6	1.7	0.9	0.0
72.5°	7.2	5.8	4.3	3.0	2.0	1.0	0.0
70°	8.5	6.9	5.2	3.4	2.3	1.1	0.0
67.5°	10.1	7.9	6.0	4.1	2.5	1.3	0.0
65°	11.6	9.1	6.9	4.7	2.8	1.4	0.0
62.5°	13.1	10.3	7.7	5.4	3.0	1.5	0.0
60°	14.6	11.5	8.5	6.0	3.3	1.6	0.0
57.5°	16.3	12.7	9.5	6.6	3.7	1.8	0.0
55°	18.0	13.9	10.4	7.2	4.1	1.9	0.0
52.5°	19.6	15.0	11.3	7.8	4.5	2.0	0.0
50°	21.2	16.3	12.1	8.3	4.9	2.1	0.0
47.5°	22.7	17.6	12.9	8.9	5.2	2.2	0.0
45°	24.3	18.8	13.7	9.5	5.6	2.3	0.0
42.5°	25.9	20.0	14.4	10.0	5.9	2.4	0.0
40°	27.4	21.1	15.2	10.6	6.2	2.5	0.0
37.5°	28.8	22.2	16.1	11.1	6.5	2.6	0.0
35°	30.1	23.2	16.9	11.5	6.8	2.7	0.0
32.5°	31.4	24.3	17.6	12.0	7.1	2.8	0.0
30°	32.6	25.3	18.3	12.4	7.3	2.9	0.0
27.5°	33.6	26.2	19.0	12.8	7.6	2.9	0.0
25°	34.6	27.1	19.6	13.1	7.8	3.0	0.0
22.5°	35.5	27.8	20.2	13.4	8.0	3.0	0.0
20°	36.4	28.6	20.7	13.7	8.1	3.1	0.0
17.5°	37.1	29.2	21.2	14.0	8.3	3.1	0.0
15°	37.7	29.7	21.6	14.2	8.4	3.2	0.0
12.5°	38.2	30.2	22.0	14.4	8.5	3.2	0.0
10°	38.6	30.6	22.3	14.5	8.6	3.2	0.0
7.5°	39.0	30.8	22.6	14.6	8.7	3.3	0.0
5°	39.2	31.0	22.8	14.7	8.8	3.3	0.0
2.5°	39.4	31.2	22.9	14.8	8.8	3.3	0.0
0°	39.4	31.2	23.0	14.8	8.8	3.3	0.0
-2.5°	39.4	31.2	23.0	14.8	8.8	3.3	0.0
-5°	39.2	31.0	22.8	14.7	8.8	3.3	0.0
-7.5°	39.0	30.8	22.6	14.6	8.7	3.3	0.0
-10°	38.6	30.6	22.3	14.5	8.6	3.2	0.0
-12.5°	38.2	30.2	22.0	14.4	8.5	3.2	0.0
-15°	37.7	29.7	21.6	14.2	8.4	3.2	0.0
-17.5°	37.1	29.2	21.2	14.0	8.3	3.1	0.0
-20°	36.4	28.6	20.7	13.7	8.1	3.1	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	35.5	27.8	20.2	13.4	8.0	3.0	0.0
-25°	34.6	27.1	19.6	13.1	7.8	3.0	0.0
-27.5°	33.6	26.2	19.0	12.8	7.6	2.9	0.0
-30°	32.6	25.3	18.3	12.4	7.3	2.9	0.0
-32.5°	31.4	24.3	17.6	12.0	7.1	2.8	0.0
-35°	30.1	23.2	16.9	11.5	6.8	2.7	0.0
-37.5°	28.8	22.2	16.1	11.1	6.5	2.6	0.0
-40°	27.4	21.1	15.2	10.6	6.2	2.5	0.0
-42.5°	25.9	20.0	14.4	10.0	5.9	2.4	0.0
-45°	24.3	18.8	13.7	9.5	5.6	2.3	0.0
-47.5°	22.7	17.6	12.9	8.9	5.2	2.2	0.0
-50°	21.2	16.3	12.1	8.3	4.9	2.1	0.0
-52.5°	19.6	15.0	11.3	7.8	4.5	2.0	0.0
-55°	18.0	13.9	10.4	7.2	4.1	1.9	0.0
-57.5°	16.3	12.7	9.5	6.6	3.7	1.8	0.0
-60°	14.6	11.5	8.5	6.0	3.3	1.6	0.0
-62.5°	13.1	10.3	7.7	5.4	3.0	1.5	0.0
-65°	11.6	9.1	6.9	4.7	2.8	1.4	0.0
-67.5°	10.1	7.9	6.0	4.1	2.5	1.3	0.0
-70°	8.5	6.9	5.2	3.4	2.3	1.1	0.0
-72.5°	7.2	5.8	4.3	3.0	2.0	1.0	0.0
-75°	5.9	4.7	3.5	2.6	1.7	0.9	0.0
-77.5°	4.7	3.7	2.8	2.1	1.4	0.7	0.0
-80°	3.4	2.8	2.3	1.7	1.1	0.6	0.0
-82.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0
-85°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
-87.5°	0.9	0.7	0.6	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)