

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: P561404 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-AMB-U-MR-BK**

Issue Date: 7/30/2021

Test Information

Test Method: LM-79-08
Report Number: P561404 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2107-305-4)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/30/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6B-AMB-U-MR-BK
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (96) 1549K CCT, -21.5 CRI LEDS
Ballast/Driver: -

Summary

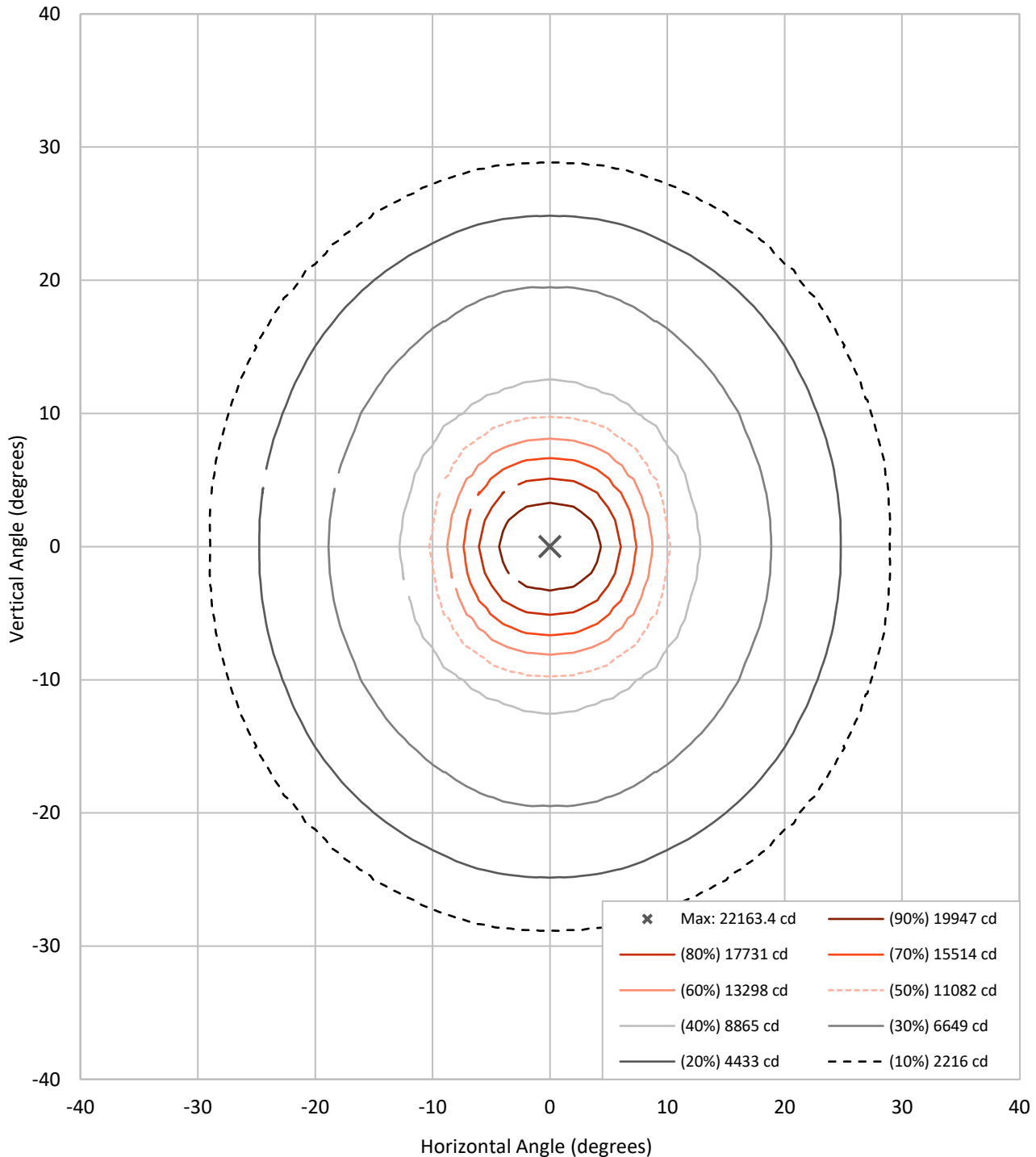
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	6459.9 lumens	Max Intensity:	22163.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	54.4 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	20.5°H x 19.5°V	Field Angle (10%):	57.9°H x 57.7°V
Beam Lumens:	1552.6 lumens	Field Lumens:	5516.2 lumens
Beam Efficiency:	24.0%	Field Efficiency:	85.4%

Input Watts (W): 118.8
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



REPORT NUMBER: P561404 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





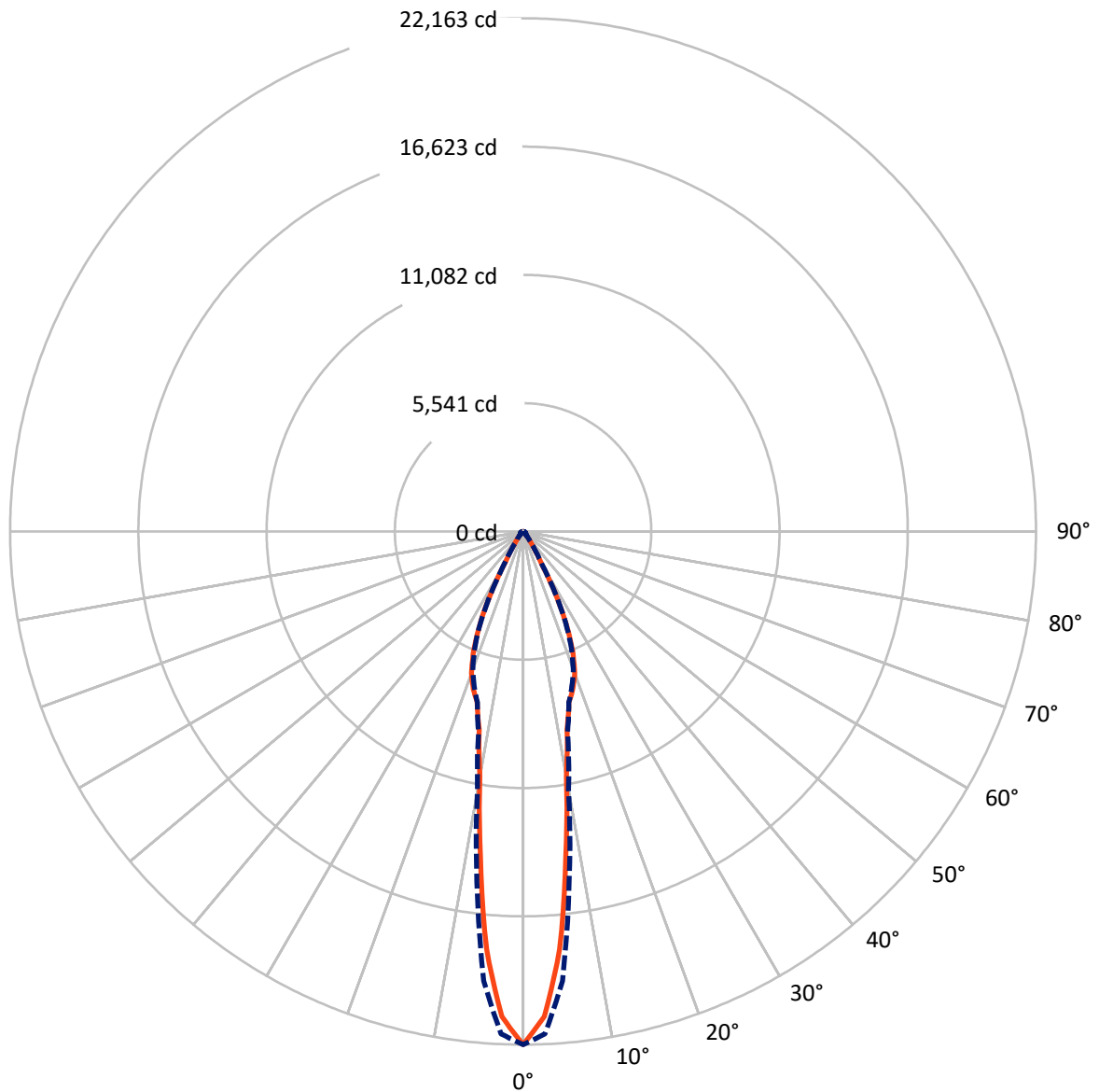
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Lumen Table

90																
80	0.1	0.7		1.9		3.0		3.5		3.0		1.9		0.7		0.1
70																
60	0.3	0.4	0.8	1.3	2.0	2.5	2.9	3.2	3.2	2.9	2.5	2.0	1.3	0.8	0.4	0.3
50		0.6	1.3	2.2	2.9	3.2	3.3	3.3	3.3	3.3	3.2	2.9	2.2	1.3	0.6	
40	0.6	0.8	1.8	2.6	2.8	3.3	4.2	4.9	4.9	4.2	3.3	2.8	2.6	1.8	0.8	0.6
30		1.0	2.0	2.4	3.4	6.3	12.6	19.6	19.6	12.6	6.3	3.4	2.4	2.0	1.0	
20	0.8	1.2	2.0	2.6	5.8	20.3	68.9	120.3	120.3	68.9	20.3	5.8	2.6	2.0	1.2	0.8
10		1.3	2.0	3.2	11.0	66.0	170.9	230.6	230.6	170.9	66.0	11.0	3.2	2.0	1.3	
0	0.9	1.4	2.0	3.6	17.1	109.8	223.0	444.7	444.7	223.0	109.8	17.1	3.6	2.0	1.4	0.9
-10		1.4	2.0	3.6	17.1	109.8	223.0	444.7	444.7	223.0	109.8	17.1	3.6	2.0	1.4	
-20	0.8	1.3	2.0	3.2	11.0	66.0	170.9	230.6	230.6	170.9	66.0	11.0	3.2	2.0	1.3	0.8
-30		1.2	2.0	2.6	5.8	20.3	68.9	120.3	120.3	68.9	20.3	5.8	2.6	2.0	1.2	
-40	0.6	1.0	2.0	2.4	3.4	6.3	12.6	19.6	19.6	12.6	6.3	3.4	2.4	2.0	1.0	0.6
-50		0.8	1.8	2.6	2.8	3.3	4.2	4.9	4.9	4.2	3.3	2.8	2.6	1.8	0.8	
-60	0.3	0.6	1.3	2.2	2.9	3.2	3.3	3.3	3.3	3.3	3.2	2.9	2.2	1.3	0.6	0.3
-70		0.4	0.8	1.3	2.0	2.5	2.9	3.2	3.2	2.9	2.5	2.0	1.3	0.8	0.4	
-80																
-90	0.1	0.7		1.9		3.0		3.5		3.0		1.9		0.7		0.1

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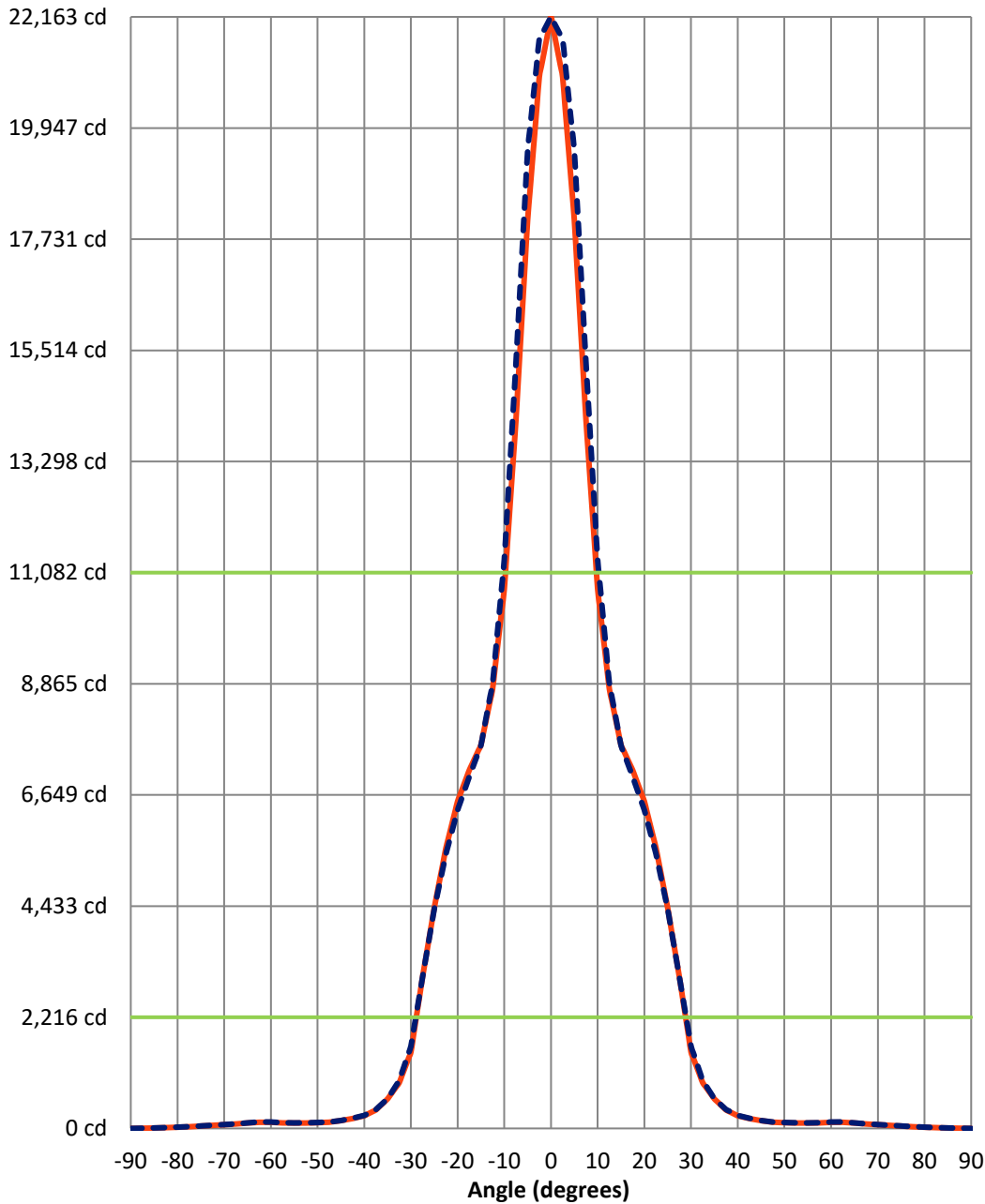
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 20.5°
 V Angle: 19.5°
 Lumens: 1552.6
 Efficiency: 24.0%

Field:
 H Angle: 57.9°
 V Angle: 57.7°
 Lumens: 5516.2
 Efficiency: 85.4%

Spill:
 Lumens: 943.7
 Efficiency: 14.6%

— 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	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.3	1.5	1.6
85°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.3	2.7	3.0	3.3
82.5°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.8	5.5
80°	0.0	0.7	1.4	2.0	2.7	3.4	4.1	5.1	6.0	7.0	7.9
77.5°	0.0	0.8	1.7	2.5	3.4	4.3	5.6	6.8	8.0	9.2	10.4
75°	0.0	1.0	2.0	3.0	4.1	5.6	7.1	8.5	10.0	11.4	12.8
72.5°	0.0	1.2	2.3	3.5	5.1	6.8	8.5	10.2	11.9	13.6	15.2
70°	0.0	1.3	2.7	4.0	6.0	8.0	10.0	11.9	13.9	15.8	18.9
67.5°	0.0	1.5	3.0	4.8	7.0	9.2	11.4	13.6	15.8	19.3	22.9
65°	0.0	1.6	3.3	5.5	7.9	10.4	12.8	15.2	18.9	22.9	26.7
62.5°	0.0	1.8	3.6	6.2	8.9	11.5	14.2	17.6	22.0	26.3	30.5
60°	0.0	1.9	3.9	6.8	9.8	12.7	15.5	20.2	25.0	29.6	34.2
57.5°	0.0	2.1	4.3	7.5	10.6	13.8	17.7	22.8	27.9	32.9	38.8
55°	0.0	2.2	4.8	8.1	11.5	14.8	19.8	25.3	30.7	36.4	43.8
52.5°	0.0	2.4	5.2	8.8	12.3	16.0	21.9	27.7	33.5	40.8	48.7
50°	0.0	2.5	5.6	9.4	13.1	17.7	23.9	30.1	36.5	45.0	53.4
47.5°	0.0	2.6	6.0	9.9	13.9	19.3	25.9	32.3	40.1	49.1	57.9
45°	0.0	2.8	6.3	10.5	14.6	20.9	27.7	34.5	43.6	53.0	62.3
42.5°	0.0	2.9	6.7	11.0	15.4	22.4	29.5	37.0	46.8	56.8	66.5
40°	0.0	3.0	7.0	11.5	16.3	23.8	31.2	39.7	49.9	60.4	70.6
37.5°	0.0	3.1	7.4	12.0	17.4	25.2	32.8	42.2	52.9	63.9	74.4
35°	0.0	3.2	7.7	12.5	18.4	26.4	34.4	44.4	55.8	67.1	78.3
32.5°	0.0	3.3	7.9	12.9	19.3	27.6	35.9	46.6	58.6	70.2	82.2
30°	0.0	3.4	8.2	13.3	20.3	28.7	37.6	48.6	61.3	73.1	85.7
27.5°	0.0	3.5	8.5	13.7	21.1	29.8	39.2	50.7	63.8	75.8	88.9
25°	0.0	3.5	8.7	14.0	21.9	30.7	40.6	52.7	66.0	78.4	91.8
22.5°	0.0	3.6	8.9	14.3	22.6	31.6	41.8	54.5	68.0	80.8	94.7
20°	0.0	3.7	9.1	14.6	23.2	32.4	42.9	56.2	69.8	82.9	97.4
17.5°	0.0	3.7	9.3	14.9	23.7	33.1	44.0	57.7	71.4	84.7	99.8
15°	0.0	3.8	9.4	15.1	24.2	33.7	45.1	59.1	72.8	86.2	101.9
12.5°	0.0	3.8	9.5	15.3	24.7	34.2	46.1	60.3	74.0	87.4	103.8
10°	0.0	3.8	9.6	15.4	25.0	34.6	46.9	61.3	75.0	88.5	105.4
7.5°	0.0	3.9	9.7	15.5	25.3	35.0	47.7	62.0	75.7	89.4	107.1
5°	0.0	3.9	9.8	15.6	25.4	35.2	48.4	62.5	76.3	90.0	108.5
2.5°	0.0	3.9	9.8	15.7	25.6	35.4	48.9	62.8	76.6	90.4	109.5
0°	0.0	3.9	9.8	15.7	25.6	35.4	48.9	62.8	76.6	90.4	109.5
-2.5°	0.0	3.9	9.8	15.7	25.6	35.4	48.9	62.8	76.6	90.4	109.5
-5°	0.0	3.9	9.8	15.6	25.4	35.2	48.4	62.5	76.3	90.0	108.5
-7.5°	0.0	3.9	9.7	15.5	25.3	35.0	47.7	62.0	75.7	89.4	107.1
-10°	0.0	3.8	9.6	15.4	25.0	34.6	46.9	61.3	75.0	88.5	105.4
-12.5°	0.0	3.8	9.5	15.3	24.7	34.2	46.1	60.3	74.0	87.4	103.8
-15°	0.0	3.8	9.4	15.1	24.2	33.7	45.1	59.1	72.8	86.2	101.9
-17.5°	0.0	3.7	9.3	14.9	23.7	33.1	44.0	57.7	71.4	84.7	99.8
-20°	0.0	3.7	9.1	14.6	23.2	32.4	42.9	56.2	69.8	82.9	97.4



REPORT NUMBER: P561404 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-MR-BK

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.6	8.9	14.3	22.6	31.6	41.8	54.5	68.0	80.8	94.7
-25°	0.0	3.5	8.7	14.0	21.9	30.7	40.6	52.7	66.0	78.4	91.8
-27.5°	0.0	3.5	8.5	13.7	21.1	29.8	39.2	50.7	63.8	75.8	88.9
-30°	0.0	3.4	8.2	13.3	20.3	28.7	37.6	48.6	61.3	73.1	85.7
-32.5°	0.0	3.3	7.9	12.9	19.3	27.6	35.9	46.6	58.6	70.2	82.2
-35°	0.0	3.2	7.7	12.5	18.4	26.4	34.4	44.4	55.8	67.1	78.3
-37.5°	0.0	3.1	7.4	12.0	17.4	25.2	32.8	42.2	52.9	63.9	74.4
-40°	0.0	3.0	7.0	11.5	16.3	23.8	31.2	39.7	49.9	60.4	70.6
-42.5°	0.0	2.9	6.7	11.0	15.4	22.4	29.5	37.0	46.8	56.8	66.5
-45°	0.0	2.8	6.3	10.5	14.6	20.9	27.7	34.5	43.6	53.0	62.3
-47.5°	0.0	2.6	6.0	9.9	13.9	19.3	25.9	32.3	40.1	49.1	57.9
-50°	0.0	2.5	5.6	9.4	13.1	17.7	23.9	30.1	36.5	45.0	53.4
-52.5°	0.0	2.4	5.2	8.8	12.3	16.0	21.9	27.7	33.5	40.8	48.7
-55°	0.0	2.2	4.8	8.1	11.5	14.8	19.8	25.3	30.7	36.4	43.8
-57.5°	0.0	2.1	4.3	7.5	10.6	13.8	17.7	22.8	27.9	32.9	38.8
-60°	0.0	1.9	3.9	6.8	9.8	12.7	15.5	20.2	25.0	29.6	34.2
-62.5°	0.0	1.8	3.6	6.2	8.9	11.5	14.2	17.6	22.0	26.3	30.5
-65°	0.0	1.6	3.3	5.5	7.9	10.4	12.8	15.2	18.9	22.9	26.7
-67.5°	0.0	1.5	3.0	4.8	7.0	9.2	11.4	13.6	15.8	19.3	22.9
-70°	0.0	1.3	2.7	4.0	6.0	8.0	10.0	11.9	13.9	15.8	18.9
-72.5°	0.0	1.2	2.3	3.5	5.1	6.8	8.5	10.2	11.9	13.6	15.2
-75°	0.0	1.0	2.0	3.0	4.1	5.6	7.1	8.5	10.0	11.4	12.8
-77.5°	0.0	0.8	1.7	2.5	3.4	4.3	5.6	6.8	8.0	9.2	10.4
-80°	0.0	0.7	1.4	2.0	2.7	3.4	4.1	5.1	6.0	7.0	7.9
-82.5°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.8	5.5
-85°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.3	2.7	3.0	3.3
-87.5°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.3	1.5	1.6
-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-SA6B-AMB-U-MR-BK

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°	1.8	1.9	2.1	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1
85°	3.6	3.9	4.3	4.8	5.2	5.6	6.0	6.3	6.7	7.0	7.4
82.5°	6.2	6.8	7.5	8.1	8.8	9.4	9.9	10.5	11.1	11.8	12.6
80°	8.9	9.8	10.6	11.5	12.3	13.1	13.9	14.6	15.7	17.1	18.5
77.5°	11.5	12.7	13.8	14.8	16.0	17.7	19.3	20.9	22.5	24.0	25.2
75°	14.2	15.5	17.7	19.8	21.9	23.9	25.9	27.8	29.6	31.7	33.8
72.5°	17.6	20.2	22.8	25.3	28.1	30.7	32.9	34.8	37.3	40.4	43.2
70°	22.0	25.0	28.2	31.6	35.0	37.7	40.7	43.8	47.0	50.2	53.3
67.5°	26.3	29.9	33.7	37.9	41.9	45.4	49.1	53.0	56.8	60.4	63.9
65°	30.5	34.7	39.6	44.4	48.8	53.4	57.9	62.3	66.5	70.8	75.2
62.5°	34.7	40.4	45.9	51.2	56.5	61.6	66.6	71.5	76.2	81.4	86.4
60°	40.1	46.4	52.4	58.3	64.1	69.8	75.3	81.1	86.9	92.5	97.9
57.5°	45.7	52.4	59.0	65.4	71.7	78.0	84.8	91.3	97.7	103.8	109.7
55°	51.2	58.3	65.4	72.3	79.3	86.9	94.3	101.4	108.3	114.9	121.5
52.5°	56.5	64.1	71.7	79.2	87.2	95.5	103.7	111.6	119.2	124.2	124.1
50°	61.6	69.8	77.8	86.1	94.9	104.0	113.4	122.2	124.9	124.4	121.3
47.5°	66.6	75.3	83.8	92.8	102.6	112.6	123.1	125.6	125.1	120.0	114.7
45°	71.5	80.7	89.7	99.7	110.2	121.0	125.2	125.8	119.8	114.3	110.7
42.5°	76.2	86.2	96.1	106.4	117.5	124.1	125.2	120.1	114.7	110.8	109.9
40°	81.0	91.5	102.4	113.0	122.6	124.3	120.4	114.9	111.5	110.6	112.0
37.5°	85.8	97.1	108.4	119.6	123.0	121.7	115.2	111.9	110.7	112.0	114.5
35°	90.4	102.4	114.2	122.8	123.8	117.1	112.6	110.4	111.8	114.2	118.5
32.5°	94.9	107.4	119.6	123.4	120.4	113.6	110.5	111.4	113.6	117.2	125.4
30°	99.1	112.1	123.4	123.8	116.8	111.8	110.7	112.5	115.5	123.4	139.8
27.5°	102.9	116.6	123.7	121.6	113.7	109.8	111.1	114.2	120.0	131.9	157.6
25°	106.5	120.8	123.9	118.7	112.0	109.6	111.8	115.8	125.1	147.5	178.9
22.5°	109.9	124.9	124.4	116.1	110.2	109.8	113.2	119.7	133.5	162.1	199.9
20°	113.2	125.4	123.5	113.8	108.5	110.0	114.7	123.7	145.4	179.8	222.5
17.5°	116.4	125.9	121.7	112.5	108.6	110.8	116.5	127.4	155.8	196.1	244.5
15°	119.2	126.4	120.0	111.4	109.0	112.2	119.4	135.0	167.2	211.7	264.6
12.5°	121.9	127.0	118.4	110.4	109.3	113.3	121.6	141.8	178.4	227.0	298.9
10°	124.2	127.5	117.0	109.6	109.6	114.3	123.3	147.4	187.4	239.2	327.3
7.5°	126.2	127.8	115.8	109.0	109.8	115.0	124.4	151.7	194.0	248.8	349.8
5°	127.9	127.8	114.9	109.1	110.4	115.9	125.3	154.6	198.5	255.7	366.2
2.5°	129.1	127.8	114.3	109.5	111.3	117.1	126.7	156.6	201.5	259.3	375.5
0°	129.8	127.8	114.1	110.1	112.1	118.0	127.8	157.3	202.6	259.6	377.6
-2.5°	129.1	127.8	114.3	109.5	111.3	117.1	126.7	156.6	201.5	259.3	375.5
-5°	127.9	127.8	114.9	109.1	110.4	115.9	125.3	154.6	198.5	255.7	366.2
-7.5°	126.2	127.8	115.8	109.0	109.8	115.0	124.4	151.7	194.0	248.8	349.8
-10°	124.2	127.5	117.0	109.6	109.6	114.3	123.3	147.4	187.4	239.2	327.3
-12.5°	121.9	127.0	118.4	110.4	109.3	113.3	121.6	141.8	178.4	227.0	298.9
-15°	119.2	126.4	120.0	111.4	109.0	112.2	119.4	135.0	167.2	211.7	264.6
-17.5°	116.4	125.9	121.7	112.5	108.6	110.8	116.5	127.4	155.8	196.1	244.5
-20°	113.2	125.4	123.5	113.8	108.5	110.0	114.7	123.7	145.4	179.8	222.5



REPORT NUMBER: P561404 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-MR-BK

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	109.9	124.9	124.4	116.1	110.2	109.8	113.2	119.7	133.5	162.1	199.9
-25°	106.5	120.8	123.9	118.7	112.0	109.6	111.8	115.8	125.1	147.5	178.9
-27.5°	102.9	116.6	123.7	121.6	113.7	109.8	111.1	114.2	120.0	131.9	157.6
-30°	99.1	112.1	123.4	123.8	116.8	111.8	110.7	112.5	115.5	123.4	139.8
-32.5°	94.9	107.4	119.6	123.4	120.4	113.6	110.5	111.4	113.6	117.2	125.4
-35°	90.4	102.4	114.2	122.8	123.8	117.1	112.6	110.4	111.8	114.2	118.5
-37.5°	85.8	97.1	108.4	119.6	123.0	121.7	115.2	111.9	110.7	112.0	114.5
-40°	81.0	91.5	102.4	113.0	122.6	124.3	120.4	114.9	111.5	110.6	112.0
-42.5°	76.2	86.2	96.1	106.4	117.5	124.1	125.2	120.1	114.7	110.8	109.9
-45°	71.5	80.7	89.7	99.7	110.2	121.0	125.2	125.8	119.8	114.3	110.7
-47.5°	66.6	75.3	83.8	92.8	102.6	112.6	123.1	125.6	125.1	120.0	114.7
-50°	61.6	69.8	77.8	86.1	94.9	104.0	113.4	122.2	124.9	124.4	121.3
-52.5°	56.5	64.1	71.7	79.2	87.2	95.5	103.7	111.6	119.2	124.2	124.1
-55°	51.2	58.3	65.4	72.3	79.3	86.9	94.3	101.4	108.3	114.9	121.5
-57.5°	45.7	52.4	59.0	65.4	71.7	78.0	84.8	91.3	97.7	103.8	109.7
-60°	40.1	46.4	52.4	58.3	64.1	69.8	75.3	81.1	86.9	92.5	97.9
-62.5°	34.7	40.4	45.9	51.2	56.5	61.6	66.6	71.5	76.2	81.4	86.4
-65°	30.5	34.7	39.6	44.4	48.8	53.4	57.9	62.3	66.5	70.8	75.2
-67.5°	26.3	29.9	33.7	37.9	41.9	45.4	49.1	53.0	56.8	60.4	63.9
-70°	22.0	25.0	28.2	31.6	35.0	37.7	40.7	43.8	47.0	50.2	53.3
-72.5°	17.6	20.2	22.8	25.3	28.1	30.7	32.9	34.8	37.3	40.4	43.2
-75°	14.2	15.5	17.7	19.8	21.9	23.9	25.9	27.8	29.6	31.7	33.8
-77.5°	11.5	12.7	13.8	14.8	16.0	17.7	19.3	20.9	22.5	24.0	25.2
-80°	8.9	9.8	10.6	11.5	12.3	13.1	13.9	14.6	15.7	17.1	18.5
-82.5°	6.2	6.8	7.5	8.1	8.8	9.4	9.9	10.5	11.1	11.8	12.6
-85°	3.6	3.9	4.3	4.8	5.2	5.6	6.0	6.3	6.7	7.0	7.4
-87.5°	1.8	1.9	2.1	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1
-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: P561404 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-MR-BK

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°	3.2	3.3	3.4	3.5	3.5	3.6	3.7	3.7	3.8	3.8	3.8
85°	7.7	7.9	8.2	8.5	8.7	8.5	8.3	8.0	7.6	7.7	7.8
82.5°	13.4	13.7	13.9	14.0	14.1	14.2	14.5	14.7	14.9	15.1	15.3
80°	19.8	20.2	20.4	20.6	20.7	21.5	22.4	23.3	24.2	24.7	25.0
77.5°	26.6	27.7	28.5	29.3	29.9	31.0	32.1	33.0	33.7	34.2	34.6
75°	36.0	37.6	38.9	40.1	41.4	42.6	43.6	44.3	44.8	45.5	46.1
72.5°	45.6	47.7	49.7	51.8	53.7	55.1	56.1	57.0	57.7	58.6	59.5
70°	56.2	58.9	61.4	63.8	66.0	67.7	69.0	70.1	71.0	72.3	73.7
67.5°	67.6	71.3	74.2	76.7	78.7	80.5	82.2	83.9	85.5	87.0	88.3
65°	79.6	83.5	86.3	88.8	91.0	93.2	95.7	98.0	100.3	102.2	103.7
62.5°	90.8	95.1	98.6	101.5	103.8	106.0	109.6	112.8	115.4	117.6	119.7
60°	103.0	107.8	112.3	116.0	119.3	122.1	121.9	121.9	121.9	121.9	122.0
57.5°	115.7	121.7	125.7	124.6	123.5	122.4	120.4	118.0	115.9	114.2	112.7
55°	124.8	125.3	125.9	122.1	117.5	113.2	110.0	109.4	108.6	107.7	107.1
52.5°	124.6	121.2	117.3	113.1	111.1	109.4	108.2	107.7	107.4	107.4	107.3
50°	117.1	113.5	111.8	110.3	109.4	108.8	108.3	108.7	109.6	110.3	110.8
47.5°	111.6	109.5	109.9	110.1	110.0	110.8	111.4	112.7	115.9	118.3	119.9
45°	108.9	110.5	111.4	112.5	113.6	117.5	121.6	125.2	132.5	139.6	145.6
42.5°	111.6	113.3	114.6	119.0	124.6	132.6	143.5	153.3	164.7	175.2	183.0
40°	114.2	117.1	123.1	131.6	146.3	159.8	177.5	193.9	208.1	221.4	232.4
37.5°	118.5	125.4	139.1	155.8	176.9	197.9	220.3	241.6	260.3	292.8	319.2
35°	126.1	143.2	162.7	188.3	214.5	242.9	276.1	323.3	366.4	424.8	480.7
32.5°	143.6	166.4	194.4	225.6	258.2	315.5	370.4	463.7	548.6	643.1	739.9
30°	164.6	195.4	230.6	271.0	341.5	430.8	542.7	675.2	820.4	976.9	1180.8
27.5°	190.3	228.1	272.9	350.9	464.2	593.7	774.5	975.2	1279.5	1530.4	1986.6
25°	216.7	261.7	343.3	465.5	620.8	830.6	1144.0	1508.0	2112.9	2788.2	3382.8
22.5°	245.4	318.8	434.5	599.5	833.7	1209.4	1701.2	2562.8	3394.5	4048.6	4585.3
20°	278.8	374.7	547.7	785.4	1161.6	1719.3	2719.1	3677.9	4450.3	5129.0	5654.1
17.5°	326.4	466.7	683.8	1000.2	1553.9	2586.7	3700.3	4608.0	5391.9	5991.3	6434.7
15°	369.4	553.5	833.9	1326.4	2168.9	3438.9	4485.2	5373.1	6091.4	6565.7	6932.2
12.5°	431.2	653.1	1001.1	1617.9	2856.1	4075.3	5099.3	5934.4	6542.7	6989.6	7370.8
10°	489.8	758.7	1230.0	2084.5	3438.2	4585.3	5559.4	6346.0	6895.4	7374.3	7956.9
7.5°	535.2	842.8	1418.8	2519.0	3879.3	5013.7	5929.1	6611.6	7145.5	7797.9	8878.1
5°	567.7	905.8	1564.6	2846.7	4163.6	5285.3	6183.3	6844.5	7392.4	8284.1	9966.9
2.5°	586.7	944.8	1653.6	3041.6	4355.9	5428.6	6322.8	6970.5	7560.3	8701.0	10845.5
0°	591.9	955.8	1640.1	3018.7	4371.7	5469.1	6346.2	7010.9	7638.2	8878.2	11335.4
-2.5°	586.7	944.8	1653.6	3041.6	4355.9	5428.6	6322.8	6970.5	7560.3	8701.0	10845.5
-5°	567.7	905.8	1564.6	2846.7	4163.6	5285.3	6183.3	6844.5	7392.4	8284.1	9966.9
-7.5°	535.2	842.8	1418.8	2519.0	3879.3	5013.7	5929.1	6611.6	7145.5	7797.9	8878.1
-10°	489.8	758.7	1230.0	2084.5	3438.2	4585.3	5559.4	6346.0	6895.4	7374.3	7956.9
-12.5°	431.2	653.1	1001.1	1617.9	2856.1	4075.3	5099.3	5934.4	6542.7	6989.6	7370.8
-15°	369.4	553.5	833.9	1326.4	2168.9	3438.9	4485.2	5373.1	6091.4	6565.7	6932.2
-17.5°	326.4	466.7	683.8	1000.2	1553.9	2586.7	3700.3	4608.0	5391.9	5991.3	6434.7
-20°	278.8	374.7	547.7	785.4	1161.6	1719.3	2719.1	3677.9	4450.3	5129.0	5654.1



REPORT NUMBER: P561404 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-MR-BK

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	245.4	318.8	434.5	599.5	833.7	1209.4	1701.2	2562.8	3394.5	4048.6	4585.3
-25°	216.7	261.7	343.3	465.5	620.8	830.6	1144.0	1508.0	2112.9	2788.2	3382.8
-27.5°	190.3	228.1	272.9	350.9	464.2	593.7	774.5	975.2	1279.5	1530.4	1986.6
-30°	164.6	195.4	230.6	271.0	341.5	430.8	542.7	675.2	820.4	976.9	1180.8
-32.5°	143.6	166.4	194.4	225.6	258.2	315.5	370.4	463.7	548.6	643.1	739.9
-35°	126.1	143.2	162.7	188.3	214.5	242.9	276.1	323.3	366.4	424.8	480.7
-37.5°	118.5	125.4	139.1	155.8	176.9	197.9	220.3	241.6	260.3	292.8	319.2
-40°	114.2	117.1	123.1	131.6	146.3	159.8	177.5	193.9	208.1	221.4	232.4
-42.5°	111.6	113.3	114.6	119.0	124.6	132.6	143.5	153.3	164.7	175.2	183.0
-45°	108.9	110.5	111.4	112.5	113.6	117.5	121.6	125.2	132.5	139.6	145.6
-47.5°	111.6	109.5	109.9	110.1	110.0	110.8	111.4	112.7	115.9	118.3	119.9
-50°	117.1	113.5	111.8	110.3	109.4	108.8	108.3	108.7	109.6	110.3	110.8
-52.5°	124.6	121.2	117.3	113.1	111.1	109.4	108.2	107.7	107.4	107.4	107.3
-55°	124.8	125.3	125.9	122.1	117.5	113.2	110.0	109.4	108.6	107.7	107.1
-57.5°	115.7	121.7	125.7	124.6	123.5	122.4	120.4	118.0	115.9	114.2	112.7
-60°	103.0	107.8	112.3	116.0	119.3	122.1	121.9	121.9	121.9	121.9	122.0
-62.5°	90.8	95.1	98.6	101.5	103.8	106.0	109.6	112.8	115.4	117.6	119.7
-65°	79.6	83.5	86.3	88.8	91.0	93.2	95.7	98.0	100.3	102.2	103.7
-67.5°	67.6	71.3	74.2	76.7	78.7	80.5	82.2	83.9	85.5	87.0	88.3
-70°	56.2	58.9	61.4	63.8	66.0	67.7	69.0	70.1	71.0	72.3	73.7
-72.5°	45.6	47.7	49.7	51.8	53.7	55.1	56.1	57.0	57.7	58.6	59.5
-75°	36.0	37.6	38.9	40.1	41.4	42.6	43.6	44.3	44.8	45.5	46.1
-77.5°	26.6	27.7	28.5	29.3	29.9	31.0	32.1	33.0	33.7	34.2	34.6
-80°	19.8	20.2	20.4	20.6	20.7	21.5	22.4	23.3	24.2	24.7	25.0
-82.5°	13.4	13.7	13.9	14.0	14.1	14.2	14.5	14.7	14.9	15.1	15.3
-85°	7.7	7.9	8.2	8.5	8.7	8.5	8.3	8.0	7.6	7.7	7.8
-87.5°	3.2	3.3	3.4	3.5	3.5	3.6	3.7	3.7	3.8	3.8	3.8
-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: P561404 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-MR-BK

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°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.7
85°	7.8	7.9	7.9	7.9	7.9	7.9	7.8	7.8	7.7	7.6	8.0
82.5°	15.5	15.6	15.7	15.7	15.7	15.6	15.5	15.3	15.1	14.9	14.7
80°	25.3	25.4	24.6	23.6	24.6	25.4	25.3	25.0	24.7	24.2	23.3
77.5°	35.0	35.2	34.4	33.4	34.4	35.2	35.0	34.6	34.2	33.7	33.0
75°	46.6	46.9	47.1	47.2	47.1	46.9	46.6	46.1	45.5	44.8	44.3
72.5°	60.1	60.6	60.9	61.0	60.9	60.6	60.1	59.5	58.6	57.7	57.0
70°	75.0	76.1	75.6	74.7	75.6	76.1	75.0	73.7	72.3	71.0	70.1
67.5°	89.3	90.0	89.5	88.5	89.5	90.0	89.3	88.3	87.0	85.5	83.9
65°	104.8	105.6	106.9	108.2	106.9	105.6	104.8	103.7	102.2	100.3	98.0
62.5°	121.5	123.0	122.8	121.9	122.8	123.0	121.5	119.7	117.6	115.4	112.8
60°	122.0	122.0	121.9	121.9	121.9	122.0	122.0	122.0	121.9	121.9	121.9
57.5°	111.6	110.8	110.3	110.1	110.3	110.8	111.6	112.7	114.2	115.9	118.0
55°	106.7	106.4	107.0	108.2	107.0	106.4	106.7	107.1	107.7	108.6	109.4
52.5°	107.0	106.4	106.9	108.2	106.9	106.4	107.0	107.3	107.4	107.4	107.7
50°	111.3	111.7	112.7	114.1	112.7	111.7	111.3	110.8	110.3	109.6	108.7
47.5°	121.0	121.4	122.3	123.9	122.3	121.4	121.0	119.9	118.3	115.9	112.7
45°	149.9	152.9	154.7	155.4	154.7	152.9	149.9	145.6	139.6	132.5	125.2
42.5°	189.1	193.2	195.7	196.7	195.7	193.2	189.1	183.0	175.2	164.7	153.3
40°	241.2	247.0	250.3	251.7	250.3	247.0	241.2	232.4	221.4	208.1	193.9
37.5°	340.1	355.3	364.5	367.8	364.5	355.3	340.1	319.2	292.8	260.3	241.6
35°	525.8	559.0	579.5	588.0	579.5	559.0	525.8	480.7	424.8	366.4	323.3
32.5°	815.4	869.4	901.2	910.5	901.2	869.4	815.4	739.9	643.1	548.6	463.7
30°	1356.6	1470.9	1535.0	1522.1	1535.0	1470.9	1356.6	1180.8	976.9	820.4	675.2
27.5°	2441.1	2752.8	2937.4	3019.7	2937.4	2752.8	2441.1	1986.6	1530.4	1279.5	975.2
25°	3860.2	4182.0	4362.8	4395.3	4362.8	4182.0	3860.2	3382.8	2788.2	2112.9	1508.0
22.5°	5076.8	5428.4	5582.6	5590.0	5582.6	5428.4	5076.8	4585.3	4048.6	3394.5	2562.8
20°	6094.5	6394.9	6519.9	6521.2	6519.9	6394.9	6094.5	5654.1	5129.0	4450.3	3677.9
17.5°	6752.8	6995.5	7095.6	7142.6	7095.6	6995.5	6752.8	6434.7	5991.3	5391.9	4608.0
15°	7202.6	7448.8	7633.3	7646.1	7633.3	7448.8	7202.6	6932.2	6565.7	6091.4	5373.1
12.5°	7778.8	8225.8	8626.0	8765.1	8626.0	8225.8	7778.8	7370.8	6989.6	6542.7	5934.4
10°	8810.3	9757.3	10594.3	10751.3	10594.3	9757.3	8810.3	7956.9	7374.3	6895.4	6346.0
7.5°	10529.7	12519.3	13849.4	14126.0	13849.4	12519.3	10529.7	8878.1	7797.9	7145.5	6611.6
5°	12760.2	16005.5	17773.8	18114.2	17773.8	16005.5	12760.2	9966.9	8284.1	7392.4	6844.5
2.5°	14547.0	18649.5	20641.2	20964.7	20641.2	18649.5	14547.0	10845.5	8701.0	7560.3	6970.5
0°	15261.6	19486.8	21717.9	22163.4	21717.9	19486.8	15261.6	11335.4	8878.2	7638.2	7010.9
-2.5°	14547.0	18649.5	20641.2	20964.7	20641.2	18649.5	14547.0	10845.5	8701.0	7560.3	6970.5
-5°	12760.2	16005.5	17773.8	18114.2	17773.8	16005.5	12760.2	9966.9	8284.1	7392.4	6844.5
-7.5°	10529.7	12519.3	13849.4	14125.9	13849.4	12519.3	10529.7	8878.1	7797.9	7145.5	6611.6
-10°	8810.3	9757.3	10594.3	10751.3	10594.3	9757.3	8810.3	7956.9	7374.3	6895.4	6346.0
-12.5°	7778.8	8225.8	8626.0	8765.1	8626.0	8225.8	7778.8	7370.8	6989.6	6542.7	5934.4
-15°	7202.6	7448.8	7633.3	7646.1	7633.3	7448.8	7202.6	6932.2	6565.7	6091.4	5373.1
-17.5°	6752.8	6995.5	7095.6	7142.6	7095.6	6995.5	6752.8	6434.7	5991.3	5391.9	4608.0
-20°	6094.5	6394.9	6519.9	6521.2	6519.9	6394.9	6094.5	5654.1	5129.0	4450.3	3677.9



REPORT NUMBER: P561404 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-MR-BK

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5076.8	5428.4	5582.6	5590.0	5582.6	5428.4	5076.8	4585.3	4048.6	3394.5	2562.8
-25°	3860.2	4182.0	4362.8	4395.3	4362.8	4182.0	3860.2	3382.8	2788.2	2112.9	1508.0
-27.5°	2441.1	2752.8	2937.4	3019.7	2937.4	2752.8	2441.1	1986.6	1530.4	1279.5	975.2
-30°	1356.6	1470.9	1535.0	1522.1	1535.0	1470.9	1356.6	1180.8	976.9	820.4	675.2
-32.5°	815.4	869.4	901.2	910.5	901.2	869.4	815.4	739.9	643.1	548.6	463.7
-35°	525.8	559.0	579.5	588.0	579.5	559.0	525.8	480.7	424.8	366.4	323.3
-37.5°	340.1	355.3	364.5	367.8	364.5	355.3	340.1	319.2	292.8	260.3	241.6
-40°	241.2	247.0	250.3	251.7	250.3	247.0	241.2	232.4	221.4	208.1	193.9
-42.5°	189.1	193.2	195.7	196.7	195.7	193.2	189.1	183.0	175.2	164.7	153.3
-45°	149.9	152.9	154.7	155.4	154.7	152.9	149.9	145.6	139.6	132.5	125.2
-47.5°	121.0	121.4	122.3	123.9	122.3	121.4	121.0	119.9	118.3	115.9	112.7
-50°	111.3	111.7	112.7	114.1	112.7	111.7	111.3	110.8	110.3	109.6	108.7
-52.5°	107.0	106.4	106.9	108.2	106.9	106.4	107.0	107.3	107.4	107.4	107.7
-55°	106.7	106.4	107.0	108.2	107.0	106.4	106.7	107.1	107.7	108.6	109.4
-57.5°	111.6	110.8	110.3	110.1	110.3	110.8	111.6	112.7	114.2	115.9	118.0
-60°	122.0	122.0	121.9	121.9	121.9	122.0	122.0	122.0	121.9	121.9	121.9
-62.5°	121.5	123.0	122.8	121.9	122.8	123.0	121.5	119.7	117.6	115.4	112.8
-65°	104.8	105.6	106.9	108.2	106.9	105.6	104.8	103.7	102.2	100.3	98.0
-67.5°	89.3	90.0	89.5	88.5	89.5	90.0	89.3	88.3	87.0	85.5	83.9
-70°	75.0	76.1	75.6	74.7	75.6	76.1	75.0	73.7	72.3	71.0	70.1
-72.5°	60.1	60.6	60.9	61.0	60.9	60.6	60.1	59.5	58.6	57.7	57.0
-75°	46.6	46.9	47.1	47.2	47.1	46.9	46.6	46.1	45.5	44.8	44.3
-77.5°	35.0	35.2	34.4	33.4	34.4	35.2	35.0	34.6	34.2	33.7	33.0
-80°	25.3	25.4	24.6	23.6	24.6	25.4	25.3	25.0	24.7	24.2	23.3
-82.5°	15.5	15.6	15.7	15.7	15.7	15.6	15.5	15.3	15.1	14.9	14.7
-85°	7.8	7.9	7.9	7.9	7.9	7.9	7.8	7.8	7.7	7.6	8.0
-87.5°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561404 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-MR-BK

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°	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8
85°	8.3	8.5	8.7	8.5	8.2	7.9	7.7	7.4	7.0	6.7	6.3
82.5°	14.5	14.2	14.1	14.0	13.9	13.7	13.4	12.6	11.8	11.1	10.5
80°	22.4	21.5	20.7	20.6	20.4	20.2	19.8	18.5	17.1	15.7	14.6
77.5°	32.1	31.0	29.9	29.3	28.5	27.7	26.6	25.2	24.0	22.5	20.9
75°	43.6	42.6	41.4	40.1	38.9	37.6	36.0	33.8	31.7	29.6	27.8
72.5°	56.1	55.1	53.7	51.8	49.7	47.7	45.6	43.2	40.4	37.3	34.8
70°	69.0	67.7	66.0	63.8	61.4	58.9	56.2	53.3	50.2	47.0	43.8
67.5°	82.2	80.5	78.7	76.7	74.2	71.3	67.6	63.9	60.4	56.8	53.0
65°	95.7	93.2	91.0	88.8	86.3	83.5	79.6	75.2	70.8	66.5	62.3
62.5°	109.6	106.0	103.8	101.5	98.6	95.1	90.8	86.4	81.4	76.2	71.5
60°	121.9	122.1	119.3	116.0	112.3	107.8	103.0	97.9	92.5	86.9	81.1
57.5°	120.4	122.4	123.5	124.6	125.7	121.7	115.7	109.7	103.8	97.7	91.3
55°	110.0	113.2	117.5	122.1	125.9	125.3	124.8	121.5	114.9	108.3	101.4
52.5°	108.2	109.4	111.1	113.1	117.3	121.2	124.6	124.1	124.2	119.2	111.6
50°	108.3	108.8	109.4	110.3	111.8	113.5	117.1	121.3	124.4	124.9	122.2
47.5°	111.4	110.8	110.0	110.1	109.9	109.5	111.6	114.7	120.0	125.1	125.6
45°	121.6	117.5	113.6	112.5	111.4	110.5	108.9	110.7	114.3	119.8	125.8
42.5°	143.5	132.6	124.6	119.0	114.6	113.3	111.6	109.9	110.8	114.7	120.1
40°	177.5	159.8	146.3	131.6	123.1	117.1	114.2	112.0	110.6	111.5	114.9
37.5°	220.3	197.9	176.9	155.8	139.1	125.4	118.5	114.5	112.0	110.7	111.9
35°	276.1	242.9	214.5	188.3	162.7	143.2	126.1	118.5	114.2	111.8	110.4
32.5°	370.4	315.5	258.2	225.6	194.4	166.4	143.6	125.4	117.2	113.6	111.4
30°	542.7	430.8	341.5	271.0	230.6	195.4	164.6	139.8	123.4	115.5	112.5
27.5°	774.5	593.7	464.2	350.9	272.9	228.1	190.3	157.6	131.9	120.0	114.2
25°	1144.0	830.6	620.8	465.5	343.3	261.7	216.7	178.9	147.5	125.1	115.8
22.5°	1701.2	1209.4	833.7	599.5	434.5	318.8	245.4	199.9	162.1	133.5	119.7
20°	2719.1	1719.3	1161.6	785.4	547.7	374.7	278.8	222.5	179.8	145.4	123.7
17.5°	3700.3	2586.7	1553.9	1000.2	683.8	466.7	326.4	244.5	196.1	155.8	127.4
15°	4485.2	3438.9	2168.9	1326.4	833.9	553.5	369.4	264.6	211.7	167.2	135.0
12.5°	5099.3	4075.3	2856.1	1617.9	1001.1	653.1	431.2	298.9	227.0	178.4	141.8
10°	5559.4	4585.3	3438.2	2084.5	1230.0	758.7	489.8	327.3	239.2	187.4	147.4
7.5°	5929.1	5013.7	3879.3	2519.0	1418.8	842.8	535.2	349.8	248.8	194.0	151.7
5°	6183.3	5285.3	4163.6	2846.7	1564.6	905.8	567.7	366.2	255.7	198.5	154.6
2.5°	6322.8	5428.6	4355.9	3041.6	1653.6	944.8	586.7	375.5	259.3	201.5	156.6
0°	6346.2	5469.1	4371.7	3018.7	1640.1	955.8	591.9	377.6	259.6	202.6	157.3
-2.5°	6322.8	5428.6	4355.9	3041.6	1653.6	944.8	586.7	375.5	259.3	201.5	156.6
-5°	6183.3	5285.3	4163.6	2846.7	1564.6	905.8	567.7	366.2	255.7	198.5	154.6
-7.5°	5929.1	5013.7	3879.3	2519.0	1418.8	842.8	535.2	349.8	248.8	194.0	151.7
-10°	5559.4	4585.3	3438.2	2084.5	1230.0	758.7	489.8	327.3	239.2	187.4	147.4
-12.5°	5099.3	4075.3	2856.1	1617.9	1001.1	653.1	431.2	298.9	227.0	178.4	141.8
-15°	4485.2	3438.9	2168.9	1326.4	833.9	553.5	369.4	264.6	211.7	167.2	135.0
-17.5°	3700.3	2586.7	1553.9	1000.2	683.8	466.7	326.4	244.5	196.1	155.8	127.4
-20°	2719.1	1719.3	1161.6	785.4	547.7	374.7	278.8	222.5	179.8	145.4	123.7



REPORT NUMBER: P561404 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-MR-BK

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1701.2	1209.4	833.7	599.5	434.5	318.8	245.4	199.9	162.1	133.5	119.7
-25°	1144.0	830.6	620.8	465.5	343.3	261.7	216.7	178.9	147.5	125.1	115.8
-27.5°	774.5	593.7	464.2	350.9	272.9	228.1	190.3	157.6	131.9	120.0	114.2
-30°	542.7	430.8	341.5	271.0	230.6	195.4	164.6	139.8	123.4	115.5	112.5
-32.5°	370.4	315.5	258.2	225.6	194.4	166.4	143.6	125.4	117.2	113.6	111.4
-35°	276.1	242.9	214.5	188.3	162.7	143.2	126.1	118.5	114.2	111.8	110.4
-37.5°	220.3	197.9	176.9	155.8	139.1	125.4	118.5	114.5	112.0	110.7	111.9
-40°	177.5	159.8	146.3	131.6	123.1	117.1	114.2	112.0	110.6	111.5	114.9
-42.5°	143.5	132.6	124.6	119.0	114.6	113.3	111.6	109.9	110.8	114.7	120.1
-45°	121.6	117.5	113.6	112.5	111.4	110.5	108.9	110.7	114.3	119.8	125.8
-47.5°	111.4	110.8	110.0	110.1	109.9	109.5	111.6	114.7	120.0	125.1	125.6
-50°	108.3	108.8	109.4	110.3	111.8	113.5	117.1	121.3	124.4	124.9	122.2
-52.5°	108.2	109.4	111.1	113.1	117.3	121.2	124.6	124.1	124.2	119.2	111.6
-55°	110.0	113.2	117.5	122.1	125.9	125.3	124.8	121.5	114.9	108.3	101.4
-57.5°	120.4	122.4	123.5	124.6	125.7	121.7	115.7	109.7	103.8	97.7	91.3
-60°	121.9	122.1	119.3	116.0	112.3	107.8	103.0	97.9	92.5	86.9	81.1
-62.5°	109.6	106.0	103.8	101.5	98.6	95.1	90.8	86.4	81.4	76.2	71.5
-65°	95.7	93.2	91.0	88.8	86.3	83.5	79.6	75.2	70.8	66.5	62.3
-67.5°	82.2	80.5	78.7	76.7	74.2	71.3	67.6	63.9	60.4	56.8	53.0
-70°	69.0	67.7	66.0	63.8	61.4	58.9	56.2	53.3	50.2	47.0	43.8
-72.5°	56.1	55.1	53.7	51.8	49.7	47.7	45.6	43.2	40.4	37.3	34.8
-75°	43.6	42.6	41.4	40.1	38.9	37.6	36.0	33.8	31.7	29.6	27.8
-77.5°	32.1	31.0	29.9	29.3	28.5	27.7	26.6	25.2	24.0	22.5	20.9
-80°	22.4	21.5	20.7	20.6	20.4	20.2	19.8	18.5	17.1	15.7	14.6
-82.5°	14.5	14.2	14.1	14.0	13.9	13.7	13.4	12.6	11.8	11.1	10.5
-85°	8.3	8.5	8.7	8.5	8.2	7.9	7.7	7.4	7.0	6.7	6.3
-87.5°	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8
-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: P561404 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-MR-BK

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°	2.6	2.5	2.4	2.2	2.1	1.9	1.8	1.6	1.5	1.3	1.2
85°	6.0	5.6	5.2	4.8	4.3	3.9	3.6	3.3	3.0	2.7	2.3
82.5°	9.9	9.4	8.8	8.1	7.5	6.8	6.2	5.5	4.8	4.0	3.5
80°	13.9	13.1	12.3	11.5	10.6	9.8	8.9	7.9	7.0	6.0	5.1
77.5°	19.3	17.7	16.0	14.8	13.8	12.7	11.5	10.4	9.2	8.0	6.8
75°	25.9	23.9	21.9	19.8	17.7	15.5	14.2	12.8	11.4	10.0	8.5
72.5°	32.9	30.7	28.1	25.3	22.8	20.2	17.6	15.2	13.6	11.9	10.2
70°	40.7	37.7	35.0	31.6	28.2	25.0	22.0	18.9	15.8	13.9	11.9
67.5°	49.1	45.4	41.9	37.9	33.7	29.9	26.3	22.9	19.3	15.8	13.6
65°	57.9	53.4	48.8	44.4	39.6	34.7	30.5	26.7	22.9	18.9	15.2
62.5°	66.6	61.6	56.5	51.2	45.9	40.4	34.7	30.5	26.3	22.0	17.6
60°	75.3	69.8	64.1	58.3	52.4	46.4	40.1	34.2	29.6	25.0	20.2
57.5°	84.8	78.0	71.7	65.4	59.0	52.4	45.7	38.8	32.9	27.9	22.8
55°	94.3	86.9	79.3	72.3	65.4	58.3	51.2	43.8	36.4	30.7	25.3
52.5°	103.7	95.5	87.2	79.2	71.7	64.1	56.5	48.7	40.8	33.5	27.7
50°	113.4	104.0	94.9	86.1	77.8	69.8	61.6	53.4	45.0	36.5	30.1
47.5°	123.1	112.6	102.6	92.8	83.8	75.3	66.6	57.9	49.1	40.1	32.3
45°	125.2	121.0	110.2	99.7	89.7	80.7	71.5	62.3	53.0	43.6	34.5
42.5°	125.2	124.1	117.5	106.4	96.1	86.2	76.2	66.5	56.8	46.8	37.0
40°	120.4	124.3	122.6	113.0	102.4	91.5	81.0	70.6	60.4	49.9	39.7
37.5°	115.2	121.7	123.0	119.6	108.4	97.1	85.8	74.4	63.9	52.9	42.2
35°	112.6	117.1	123.8	122.8	114.2	102.4	90.4	78.3	67.1	55.8	44.4
32.5°	110.5	113.6	120.4	123.4	119.6	107.4	94.9	82.2	70.2	58.6	46.6
30°	110.7	111.8	116.8	123.8	123.4	112.1	99.1	85.7	73.1	61.3	48.6
27.5°	111.1	109.8	113.7	121.6	123.7	116.6	102.9	88.9	75.8	63.8	50.7
25°	111.8	109.6	112.0	118.7	123.9	120.8	106.5	91.8	78.4	66.0	52.7
22.5°	113.2	109.8	110.2	116.1	124.4	124.9	109.9	94.7	80.8	68.0	54.5
20°	114.7	110.0	108.5	113.8	123.5	125.4	113.2	97.4	82.9	69.8	56.2
17.5°	116.5	110.8	108.6	112.5	121.7	125.9	116.4	99.8	84.7	71.4	57.7
15°	119.4	112.2	109.0	111.4	120.0	126.4	119.2	101.9	86.2	72.8	59.1
12.5°	121.6	113.3	109.3	110.4	118.4	127.0	121.9	103.8	87.4	74.0	60.3
10°	123.3	114.3	109.6	109.6	117.0	127.5	124.2	105.4	88.5	75.0	61.3
7.5°	124.4	115.0	109.8	109.0	115.8	127.8	126.2	107.1	89.4	75.7	62.0
5°	125.3	115.9	110.4	109.1	114.9	127.8	127.9	108.5	90.0	76.3	62.5
2.5°	126.7	117.1	111.3	109.5	114.3	127.8	129.1	109.5	90.4	76.6	62.8
0°	127.8	118.0	112.1	110.1	114.1	127.8	129.8	110.1	90.5	76.7	62.9
-2.5°	126.7	117.1	111.3	109.5	114.3	127.8	129.1	109.5	90.4	76.6	62.8
-5°	125.3	115.9	110.4	109.1	114.9	127.8	127.9	108.5	90.0	76.3	62.5
-7.5°	124.4	115.0	109.8	109.0	115.8	127.8	126.2	107.1	89.4	75.7	62.0
-10°	123.3	114.3	109.6	109.6	117.0	127.5	124.2	105.4	88.5	75.0	61.3
-12.5°	121.6	113.3	109.3	110.4	118.4	127.0	121.9	103.8	87.4	74.0	60.3
-15°	119.4	112.2	109.0	111.4	120.0	126.4	119.2	101.9	86.2	72.8	59.1
-17.5°	116.5	110.8	108.6	112.5	121.7	125.9	116.4	99.8	84.7	71.4	57.7
-20°	114.7	110.0	108.5	113.8	123.5	125.4	113.2	97.4	82.9	69.8	56.2



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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°	113.2	109.8	110.2	116.1	124.4	124.9	109.9	94.7	80.8	68.0	54.5
-25°	111.8	109.6	112.0	118.7	123.9	120.8	106.5	91.8	78.4	66.0	52.7
-27.5°	111.1	109.8	113.7	121.6	123.7	116.6	102.9	88.9	75.8	63.8	50.7
-30°	110.7	111.8	116.8	123.8	123.4	112.1	99.1	85.7	73.1	61.3	48.6
-32.5°	110.5	113.6	120.4	123.4	119.6	107.4	94.9	82.2	70.2	58.6	46.6
-35°	112.6	117.1	123.8	122.8	114.2	102.4	90.4	78.3	67.1	55.8	44.4
-37.5°	115.2	121.7	123.0	119.6	108.4	97.1	85.8	74.4	63.9	52.9	42.2
-40°	120.4	124.3	122.6	113.0	102.4	91.5	81.0	70.6	60.4	49.9	39.7
-42.5°	125.2	124.1	117.5	106.4	96.1	86.2	76.2	66.5	56.8	46.8	37.0
-45°	125.2	121.0	110.2	99.7	89.7	80.7	71.5	62.3	53.0	43.6	34.5
-47.5°	123.1	112.6	102.6	92.8	83.8	75.3	66.6	57.9	49.1	40.1	32.3
-50°	113.4	104.0	94.9	86.1	77.8	69.8	61.6	53.4	45.0	36.5	30.1
-52.5°	103.7	95.5	87.2	79.2	71.7	64.1	56.5	48.7	40.8	33.5	27.7
-55°	94.3	86.9	79.3	72.3	65.4	58.3	51.2	43.8	36.4	30.7	25.3
-57.5°	84.8	78.0	71.7	65.4	59.0	52.4	45.7	38.8	32.9	27.9	22.8
-60°	75.3	69.8	64.1	58.3	52.4	46.4	40.1	34.2	29.6	25.0	20.2
-62.5°	66.6	61.6	56.5	51.2	45.9	40.4	34.7	30.5	26.3	22.0	17.6
-65°	57.9	53.4	48.8	44.4	39.6	34.7	30.5	26.7	22.9	18.9	15.2
-67.5°	49.1	45.4	41.9	37.9	33.7	29.9	26.3	22.9	19.3	15.8	13.6
-70°	40.7	37.7	35.0	31.6	28.2	25.0	22.0	18.9	15.8	13.9	11.9
-72.5°	32.9	30.7	28.1	25.3	22.8	20.2	17.6	15.2	13.6	11.9	10.2
-75°	25.9	23.9	21.9	19.8	17.7	15.5	14.2	12.8	11.4	10.0	8.5
-77.5°	19.3	17.7	16.0	14.8	13.8	12.7	11.5	10.4	9.2	8.0	6.8
-80°	13.9	13.1	12.3	11.5	10.6	9.8	8.9	7.9	7.0	6.0	5.1
-82.5°	9.9	9.4	8.8	8.1	7.5	6.8	6.2	5.5	4.8	4.0	3.5
-85°	6.0	5.6	5.2	4.8	4.3	3.9	3.6	3.3	3.0	2.7	2.3
-87.5°	2.6	2.5	2.4	2.2	2.1	1.9	1.8	1.6	1.5	1.3	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



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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°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
85°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
82.5°	3.0	2.5	2.0	1.5	1.0	0.5	0.0
80°	4.1	3.4	2.7	2.0	1.4	0.7	0.0
77.5°	5.6	4.3	3.4	2.5	1.7	0.8	0.0
75°	7.1	5.6	4.1	3.0	2.0	1.0	0.0
72.5°	8.5	6.8	5.1	3.5	2.3	1.2	0.0
70°	10.0	8.0	6.0	4.0	2.7	1.3	0.0
67.5°	11.4	9.2	7.0	4.8	3.0	1.5	0.0
65°	12.8	10.4	7.9	5.5	3.3	1.6	0.0
62.5°	14.2	11.5	8.9	6.2	3.6	1.8	0.0
60°	15.5	12.7	9.8	6.8	3.9	1.9	0.0
57.5°	17.7	13.8	10.6	7.5	4.3	2.1	0.0
55°	19.8	14.8	11.5	8.1	4.8	2.2	0.0
52.5°	21.9	16.0	12.3	8.8	5.2	2.4	0.0
50°	23.9	17.7	13.1	9.4	5.6	2.5	0.0
47.5°	25.9	19.3	13.9	9.9	6.0	2.6	0.0
45°	27.7	20.9	14.6	10.5	6.3	2.8	0.0
42.5°	29.5	22.4	15.4	11.0	6.7	2.9	0.0
40°	31.2	23.8	16.3	11.5	7.0	3.0	0.0
37.5°	32.8	25.2	17.4	12.0	7.4	3.1	0.0
35°	34.4	26.4	18.4	12.5	7.7	3.2	0.0
32.5°	35.9	27.6	19.3	12.9	7.9	3.3	0.0
30°	37.6	28.7	20.3	13.3	8.2	3.4	0.0
27.5°	39.2	29.8	21.1	13.7	8.5	3.5	0.0
25°	40.6	30.7	21.9	14.0	8.7	3.5	0.0
22.5°	41.8	31.6	22.6	14.3	8.9	3.6	0.0
20°	42.9	32.4	23.2	14.6	9.1	3.7	0.0
17.5°	44.0	33.1	23.7	14.9	9.3	3.7	0.0
15°	45.1	33.7	24.2	15.1	9.4	3.8	0.0
12.5°	46.1	34.2	24.7	15.3	9.5	3.8	0.0
10°	46.9	34.6	25.0	15.4	9.6	3.8	0.0
7.5°	47.7	35.0	25.3	15.5	9.7	3.9	0.0
5°	48.4	35.2	25.4	15.6	9.8	3.9	0.0
2.5°	48.9	35.4	25.6	15.7	9.8	3.9	0.0
0°	49.2	35.4	25.6	15.7	9.8	3.9	0.0
-2.5°	48.9	35.4	25.6	15.7	9.8	3.9	0.0
-5°	48.4	35.2	25.4	15.6	9.8	3.9	0.0
-7.5°	47.7	35.0	25.3	15.5	9.7	3.9	0.0
-10°	46.9	34.6	25.0	15.4	9.6	3.8	0.0
-12.5°	46.1	34.2	24.7	15.3	9.5	3.8	0.0
-15°	45.1	33.7	24.2	15.1	9.4	3.8	0.0
-17.5°	44.0	33.1	23.7	14.9	9.3	3.7	0.0
-20°	42.9	32.4	23.2	14.6	9.1	3.7	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	41.8	31.6	22.6	14.3	8.9	3.6	0.0
-25°	40.6	30.7	21.9	14.0	8.7	3.5	0.0
-27.5°	39.2	29.8	21.1	13.7	8.5	3.5	0.0
-30°	37.6	28.7	20.3	13.3	8.2	3.4	0.0
-32.5°	35.9	27.6	19.3	12.9	7.9	3.3	0.0
-35°	34.4	26.4	18.4	12.5	7.7	3.2	0.0
-37.5°	32.8	25.2	17.4	12.0	7.4	3.1	0.0
-40°	31.2	23.8	16.3	11.5	7.0	3.0	0.0
-42.5°	29.5	22.4	15.4	11.0	6.7	2.9	0.0
-45°	27.7	20.9	14.6	10.5	6.3	2.8	0.0
-47.5°	25.9	19.3	13.9	9.9	6.0	2.6	0.0
-50°	23.9	17.7	13.1	9.4	5.6	2.5	0.0
-52.5°	21.9	16.0	12.3	8.8	5.2	2.4	0.0
-55°	19.8	14.8	11.5	8.1	4.8	2.2	0.0
-57.5°	17.7	13.8	10.6	7.5	4.3	2.1	0.0
-60°	15.5	12.7	9.8	6.8	3.9	1.9	0.0
-62.5°	14.2	11.5	8.9	6.2	3.6	1.8	0.0
-65°	12.8	10.4	7.9	5.5	3.3	1.6	0.0
-67.5°	11.4	9.2	7.0	4.8	3.0	1.5	0.0
-70°	10.0	8.0	6.0	4.0	2.7	1.3	0.0
-72.5°	8.5	6.8	5.1	3.5	2.3	1.2	0.0
-75°	7.1	5.6	4.1	3.0	2.0	1.0	0.0
-77.5°	5.6	4.3	3.4	2.5	1.7	0.8	0.0
-80°	4.1	3.4	2.7	2.0	1.4	0.7	0.0
-82.5°	3.0	2.5	2.0	1.5	1.0	0.5	0.0
-85°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
-87.5°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)