

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: P558729 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-930-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558729 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA2E-930-U-TSB-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, TIGHT SPOT BAFFLE N1
Light Source: (32) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

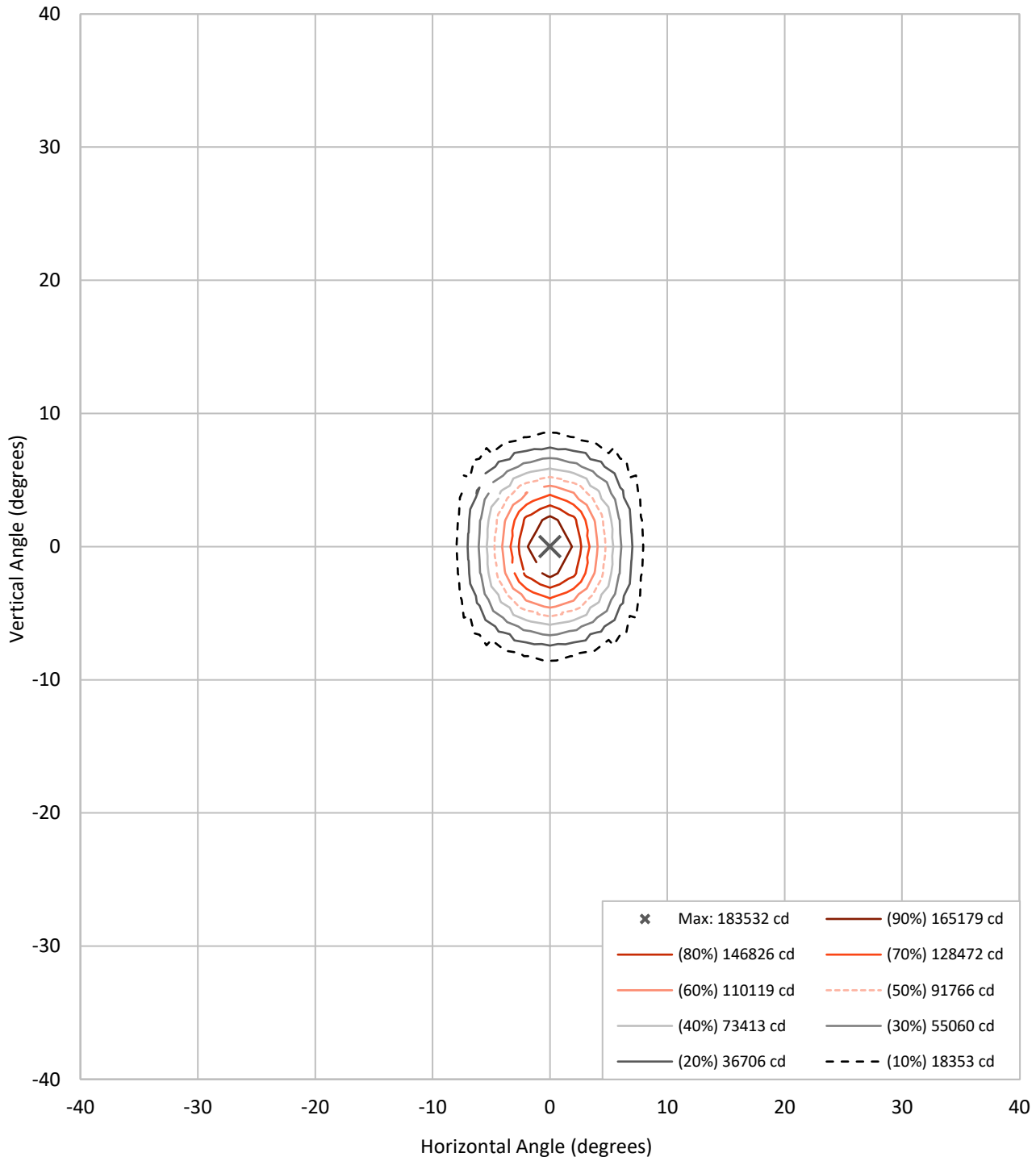
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	7147.1 lumens	Max Intensity:	183532 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	56.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	3063.4 lumens	Field Lumens:	5279.7 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 127
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





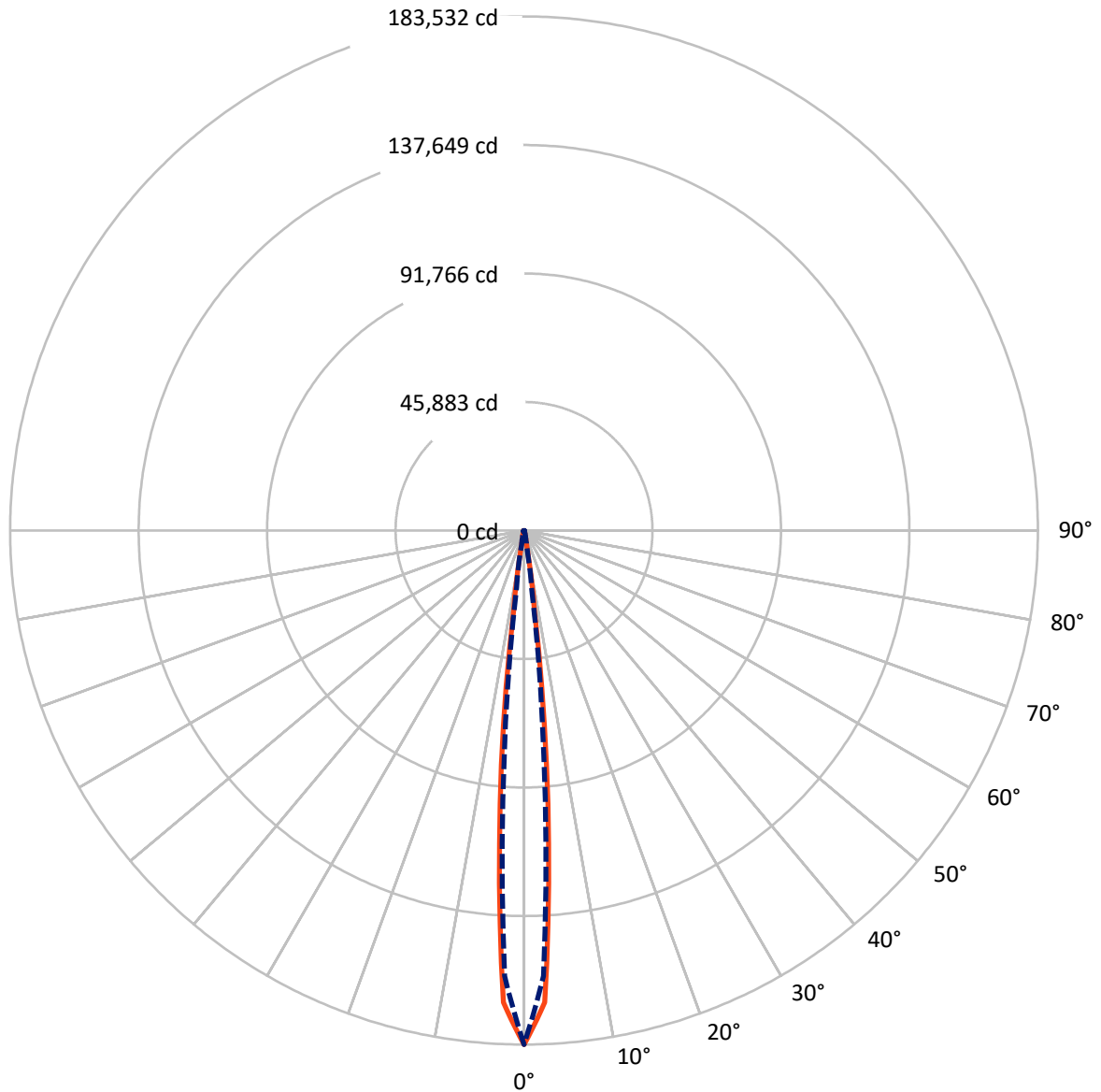
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Lumen Table

90	0.0	0.2	0.7	1.7	2.9	1.7	0.7	0.2	0.0							
80	0.0	0.2	0.7	1.7	2.9	1.7	0.7	0.2	0.0							
70	0.1	0.1	0.4	0.8	1.2	1.6	2.5	4.4	4.4	2.5	1.6	1.2	0.8	0.4	0.1	0.1
60		0.3	0.7	1.5	2.3	3.2	4.3	5.8	5.8	4.3	3.2	2.3	1.5	0.7	0.3	
50	0.4	0.5	1.1	2.3	4.0	6.1	7.8	9.3	9.3	7.8	6.1	4.0	2.3	1.1	0.5	0.4
40		0.8	1.6	3.5	6.3	8.5	9.6	10.1	10.1	9.6	8.5	6.3	3.5	1.6	0.8	
30	0.7	1.2	2.2	4.9	7.7	9.2	12.5	16.5	16.5	12.5	9.2	7.7	4.9	2.2	1.2	0.7
20		1.6	3.1	6.2	8.5	12.1	24.6	49.1	49.1	24.6	12.1	8.5	6.2	3.1	1.6	
10	0.8	1.8	3.7	6.9	8.9	15.5	48.6	1436.0	1436.0	48.6	15.5	8.9	6.9	3.7	1.8	0.8
0		1.8	3.7	6.9	8.9	15.5	48.6	1436.0	1436.0	48.6	15.5	8.9	6.9	3.7	1.8	
-10	0.7	1.6	3.1	6.2	8.5	12.1	24.6	49.1	49.1	24.6	12.1	8.5	6.2	3.1	1.6	0.7
-20		1.2	2.2	4.9	7.7	9.2	12.5	16.5	16.5	12.5	9.2	7.7	4.9	2.2	1.2	
-30	0.4	0.8	1.6	3.5	6.3	8.5	9.6	10.1	10.1	9.6	8.5	6.3	3.5	1.6	0.8	0.4
-40		0.5	1.1	2.3	4.0	6.1	7.8	9.3	9.3	7.8	6.1	4.0	2.3	1.1	0.5	
-50	0.1	0.3	0.7	1.5	2.3	3.2	4.3	5.8	5.8	4.3	3.2	2.3	1.5	0.7	0.3	0.1
-60		0.1	0.4	0.8	1.2	1.6	2.5	4.4	4.4	2.5	1.6	1.2	0.8	0.4	0.1	
-70	0.0	0.2	0.7	1.7	2.9	1.7	0.7	0.2	0.0							
-80		0.2	0.7	1.7	2.9	1.7	0.7	0.2	0.0							
-90	0.0	0.2	0.7	1.7	2.9	1.7	0.7	0.2	0.0							

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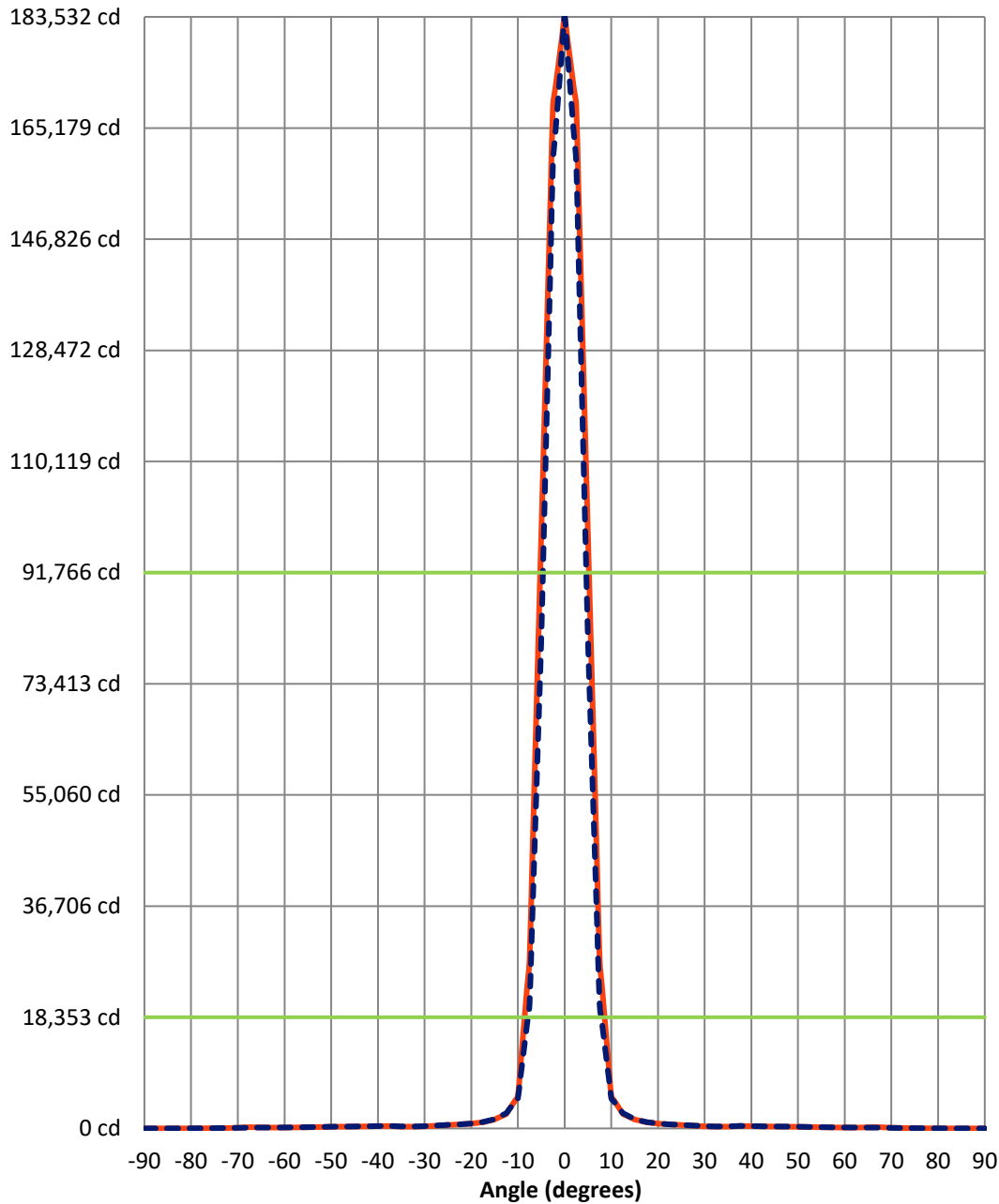
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 10.4°
Lumens: 3063.4
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 5279.7
Efficiency: 73.9%

Spill:
Lumens: 1867.4
Efficiency: 26.1%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9
85°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.6	1.8
82.5°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.1	2.1	2.1
80°	0.0	0.4	0.7	1.1	1.5	1.8	2.1	2.1	2.1	2.1	2.1
77.5°	0.0	0.5	0.9	1.4	1.8	2.1	2.1	2.1	2.1	2.1	2.3
75°	0.0	0.5	1.1	1.6	2.1	2.1	2.1	2.1	2.2	2.8	3.2
72.5°	0.0	0.6	1.3	1.9	2.1	2.1	2.1	2.3	3.1	3.7	4.1
70°	0.0	0.7	1.4	2.1	2.1	2.1	2.2	3.2	4.0	4.6	5.7
67.5°	0.0	0.8	1.6	2.1	2.1	2.1	3.0	4.0	4.9	6.3	7.5
65°	0.0	0.9	1.8	2.1	2.1	2.4	3.8	4.9	6.5	8.0	9.6
62.5°	0.0	1.0	1.9	2.1	2.1	3.1	4.5	6.1	8.0	9.9	12.3
60°	0.0	1.0	2.1	2.1	2.1	3.8	5.3	7.5	9.6	12.5	15.0
57.5°	0.0	1.1	2.1	2.1	2.6	4.5	6.7	9.0	11.9	15.1	18.2
55°	0.0	1.2	2.1	2.1	3.2	5.2	8.1	10.5	14.3	17.9	21.6
52.5°	0.0	1.3	2.1	2.1	3.8	6.0	9.6	12.9	16.8	21.1	25.0
50°	0.0	1.3	2.2	2.1	4.3	7.3	11.1	15.4	19.4	24.4	29.2
47.5°	0.0	1.4	2.2	2.2	4.8	8.6	12.7	18.0	22.4	27.7	33.6
45°	0.0	1.5	2.2	2.6	5.4	9.9	15.1	20.7	25.9	31.8	38.2
42.5°	0.0	1.5	2.3	3.0	5.9	11.2	17.5	23.8	29.7	36.1	43.6
40°	0.0	1.6	2.3	3.4	6.6	12.6	19.9	27.1	33.8	40.6	49.3
37.5°	0.0	1.7	2.3	3.7	7.7	13.9	22.3	30.5	38.4	46.2	55.2
35°	0.0	1.7	2.4	4.0	8.7	15.6	24.7	34.0	43.2	52.6	60.9
32.5°	0.0	1.8	2.4	4.3	9.7	17.5	27.3	37.6	48.0	59.3	68.0
30°	0.0	1.8	2.5	4.5	10.6	19.4	30.1	41.2	52.8	66.3	76.1
27.5°	0.0	1.9	2.5	4.8	11.2	21.3	32.9	45.2	58.0	73.4	85.0
25°	0.0	1.9	2.6	4.9	11.7	23.1	35.7	49.1	63.8	80.8	94.6
22.5°	0.0	1.9	2.6	5.1	12.1	24.5	38.4	52.9	69.7	88.7	102.8
20°	0.0	2.0	2.7	5.2	12.3	25.0	41.1	56.7	75.5	96.8	110.8
17.5°	0.0	2.0	2.7	5.3	12.5	25.3	42.5	60.3	81.2	105.2	118.7
15°	0.0	2.0	2.8	5.3	12.6	25.5	43.0	62.9	86.8	113.6	126.4
12.5°	0.0	2.1	2.8	5.4	12.6	25.4	43.3	64.3	90.4	122.1	134.0
10°	0.0	2.1	2.9	5.4	12.5	25.2	43.4	65.5	92.3	125.4	139.3
7.5°	0.0	2.1	3.0	5.4	12.4	24.9	43.3	66.5	93.6	127.3	140.3
5°	0.0	2.1	3.0	5.3	12.1	24.4	43.0	67.2	94.5	128.7	141.1
2.5°	0.0	2.1	3.1	5.3	11.8	23.8	42.5	67.7	95.0	129.4	141.6
0°	0.0	2.1	3.1	5.2	11.5	23.0	41.8	67.9	95.0	129.5	142.0
-2.5°	0.0	2.1	3.1	5.3	11.8	23.8	42.5	67.7	95.0	129.4	141.6
-5°	0.0	2.1	3.0	5.3	12.1	24.4	43.0	67.2	94.5	128.7	141.1
-7.5°	0.0	2.1	3.0	5.4	12.4	24.9	43.3	66.5	93.6	127.3	140.3
-10°	0.0	2.1	2.9	5.4	12.5	25.2	43.4	65.5	92.3	125.4	139.3
-12.5°	0.0	2.1	2.8	5.4	12.6	25.4	43.3	64.3	90.4	122.1	134.0
-15°	0.0	2.0	2.8	5.3	12.6	25.5	43.0	62.9	86.8	113.6	126.4
-17.5°	0.0	2.0	2.7	5.3	12.5	25.3	42.5	60.3	81.2	105.2	118.7
-20°	0.0	2.0	2.7	5.2	12.3	25.0	41.1	56.7	75.5	96.8	110.8



REPORT NUMBER: P558729 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.9	2.6	5.1	12.1	24.5	38.4	52.9	69.7	88.7	102.8
-25°	0.0	1.9	2.6	4.9	11.7	23.1	35.7	49.1	63.8	80.8	94.6
-27.5°	0.0	1.9	2.5	4.8	11.2	21.3	32.9	45.2	58.0	73.4	85.0
-30°	0.0	1.8	2.5	4.5	10.6	19.4	30.1	41.2	52.8	66.3	76.1
-32.5°	0.0	1.8	2.4	4.3	9.7	17.5	27.3	37.6	48.0	59.3	68.0
-35°	0.0	1.7	2.4	4.0	8.7	15.6	24.7	34.0	43.2	52.6	60.9
-37.5°	0.0	1.7	2.3	3.7	7.7	13.9	22.3	30.5	38.4	46.2	55.2
-40°	0.0	1.6	2.3	3.4	6.6	12.6	19.9	27.1	33.8	40.6	49.3
-42.5°	0.0	1.5	2.3	3.0	5.9	11.2	17.5	23.8	29.7	36.1	43.6
-45°	0.0	1.5	2.2	2.6	5.4	9.9	15.1	20.7	25.9	31.8	38.2
-47.5°	0.0	1.4	2.2	2.2	4.8	8.6	12.7	18.0	22.4	27.7	33.6
-50°	0.0	1.3	2.2	2.1	4.3	7.3	11.1	15.4	19.4	24.4	29.2
-52.5°	0.0	1.3	2.1	2.1	3.8	6.0	9.6	12.9	16.8	21.1	25.0
-55°	0.0	1.2	2.1	2.1	3.2	5.2	8.1	10.5	14.3	17.9	21.6
-57.5°	0.0	1.1	2.1	2.1	2.6	4.5	6.7	9.0	11.9	15.1	18.2
-60°	0.0	1.0	2.1	2.1	2.1	3.8	5.3	7.5	9.6	12.5	15.0
-62.5°	0.0	1.0	1.9	2.1	2.1	3.1	4.5	6.1	8.0	9.9	12.3
-65°	0.0	0.9	1.8	2.1	2.1	2.4	3.8	4.9	6.5	8.0	9.6
-67.5°	0.0	0.8	1.6	2.1	2.1	2.1	3.0	4.0	4.9	6.3	7.5
-70°	0.0	0.7	1.4	2.1	2.1	2.1	2.2	3.2	4.0	4.6	5.7
-72.5°	0.0	0.6	1.3	1.9	2.1	2.1	2.1	2.3	3.1	3.7	4.1
-75°	0.0	0.5	1.1	1.6	2.1	2.1	2.1	2.1	2.2	2.8	3.2
-77.5°	0.0	0.5	0.9	1.4	1.8	2.1	2.1	2.1	2.1	2.1	2.3
-80°	0.0	0.4	0.7	1.1	1.5	1.8	2.1	2.1	2.1	2.1	2.1
-82.5°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.1	2.1	2.1
-85°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.6	1.8
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA2E-930-U-TSB-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°	0.8	0.8	0.7	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.8
85°	1.7	1.6	1.3	1.2	1.2	1.3	1.4	1.5	1.5	1.6	1.6
82.5°	1.9	1.8	1.8	1.8	1.9	2.0	2.1	2.3	2.5	2.7	2.9
80°	2.1	2.1	2.4	2.7	3.0	3.3	3.6	3.8	4.1	4.5	5.0
77.5°	2.7	3.1	3.5	3.9	4.3	5.1	5.8	6.4	7.1	8.0	8.9
75°	3.7	4.1	5.2	6.3	7.4	8.2	9.0	10.1	11.5	13.0	14.5
72.5°	5.0	6.3	7.7	9.1	10.9	12.4	13.8	15.2	17.4	19.9	21.7
70°	6.9	8.5	10.6	13.0	15.2	17.2	20.0	23.4	26.8	28.6	29.6
67.5°	8.9	11.4	14.0	16.8	20.0	23.3	27.2	30.8	34.3	35.8	37.1
65°	11.5	14.4	17.6	21.1	24.7	28.6	32.6	36.7	40.4	42.3	44.4
62.5°	14.2	17.6	21.4	25.3	29.3	33.5	38.3	42.5	45.6	49.4	53.8
60°	17.5	20.8	25.1	29.4	34.0	39.9	44.8	49.4	53.6	57.9	64.5
57.5°	20.9	24.2	28.9	34.0	40.3	47.0	52.6	57.6	63.4	69.5	76.2
55°	24.6	27.6	32.9	39.2	46.5	54.4	61.0	67.8	74.5	80.0	85.9
52.5°	28.9	31.6	37.2	44.5	52.9	61.8	70.6	77.7	83.9	89.9	96.7
50°	33.4	36.8	41.4	50.1	59.4	69.6	79.5	86.6	93.7	100.8	108.4
47.5°	38.6	42.4	46.2	55.7	66.3	76.7	86.9	96.0	103.9	113.3	122.0
45°	44.3	48.8	52.8	61.6	72.5	83.1	94.5	105.4	116.5	127.6	141.4
42.5°	50.3	55.2	60.4	67.2	78.1	89.8	102.0	116.5	130.5	146.0	164.0
40°	56.1	61.5	67.8	73.9	83.5	96.6	111.4	127.8	147.6	167.6	189.4
37.5°	61.8	68.0	74.8	81.1	89.6	104.3	120.7	141.6	165.4	190.7	218.5
35°	67.4	74.3	81.2	88.7	98.2	112.5	132.7	156.3	184.9	216.9	242.3
32.5°	72.9	80.3	87.3	96.3	108.1	122.7	144.2	174.0	207.0	239.4	256.4
30°	79.8	85.7	93.3	103.5	117.7	136.4	159.7	191.8	229.3	251.4	267.3
27.5°	88.9	91.1	99.7	111.6	127.6	149.8	178.7	212.1	243.2	262.6	276.8
25°	98.0	100.2	105.6	119.7	139.5	165.6	198.2	236.3	254.7	271.1	287.5
22.5°	106.6	108.9	115.7	127.4	151.0	181.8	219.6	253.0	270.5	281.0	298.8
20°	114.7	118.3	126.6	140.2	162.8	197.0	240.4	268.5	285.2	297.7	314.1
17.5°	122.5	127.4	137.7	154.2	179.4	214.2	259.3	283.9	300.2	312.3	332.6
15°	130.0	136.3	148.3	167.2	194.9	232.6	272.0	296.5	314.1	326.0	349.7
12.5°	137.3	145.0	158.4	179.4	208.8	248.6	282.7	304.7	322.2	340.4	364.9
10°	144.4	153.4	168.1	190.6	221.3	262.5	291.6	311.2	328.7	351.9	377.5
7.5°	145.5	157.7	176.0	201.0	232.3	274.2	299.0	316.4	335.3	362.4	388.8
5°	145.5	157.3	176.7	203.7	237.6	281.1	304.1	320.2	341.7	371.8	399.0
2.5°	145.3	156.6	176.8	204.6	238.9	281.8	304.9	321.2	345.4	381.0	408.3
0°	145.1	155.6	176.4	204.6	239.1	280.9	304.9	321.6	347.7	389.4	416.6
-2.5°	145.3	156.6	176.8	204.6	238.9	281.8	304.9	321.2	345.4	381.0	408.3
-5°	145.5	157.3	176.7	203.7	237.6	281.1	304.1	320.2	341.7	371.8	399.0
-7.5°	145.5	157.7	176.0	201.0	232.3	274.2	299.0	316.4	335.3	362.4	388.8
-10°	144.4	153.4	168.1	190.6	221.3	262.5	291.6	311.2	328.7	351.9	377.5
-12.5°	137.3	145.0	158.4	179.4	208.8	248.6	282.7	304.7	322.2	340.4	364.9
-15°	130.0	136.3	148.3	167.2	194.9	232.6	272.0	296.5	314.1	326.0	349.7
-17.5°	122.5	127.4	137.7	154.2	179.4	214.2	259.3	283.9	300.2	312.3	332.6
-20°	114.7	118.3	126.6	140.2	162.8	197.0	240.4	268.5	285.2	297.7	314.1



REPORT NUMBER: P558729 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	106.6	108.9	115.7	127.4	151.0	181.8	219.6	253.0	270.5	281.0	298.8
-25°	98.0	100.2	105.6	119.7	139.5	165.6	198.2	236.3	254.7	271.1	287.5
-27.5°	88.9	91.1	99.7	111.6	127.6	149.8	178.7	212.1	243.2	262.6	276.8
-30°	79.8	85.7	93.3	103.5	117.7	136.4	159.7	191.8	229.3	251.4	267.3
-32.5°	72.9	80.3	87.3	96.3	108.1	122.7	144.2	174.0	207.0	239.4	256.4
-35°	67.4	74.3	81.2	88.7	98.2	112.5	132.7	156.3	184.9	216.9	242.3
-37.5°	61.8	68.0	74.8	81.1	89.6	104.3	120.7	141.6	165.4	190.7	218.5
-40°	56.1	61.5	67.8	73.9	83.5	96.6	111.4	127.8	147.6	167.6	189.4
-42.5°	50.3	55.2	60.4	67.2	78.1	89.8	102.0	116.5	130.5	146.0	164.0
-45°	44.3	48.8	52.8	61.6	72.5	83.1	94.5	105.4	116.5	127.6	141.4
-47.5°	38.6	42.4	46.2	55.7	66.3	76.7	86.9	96.0	103.9	113.3	122.0
-50°	33.4	36.8	41.4	50.1	59.4	69.6	79.5	86.6	93.7	100.8	108.4
-52.5°	28.9	31.6	37.2	44.5	52.9	61.8	70.6	77.7	83.9	89.9	96.7
-55°	24.6	27.6	32.9	39.2	46.5	54.4	61.0	67.8	74.5	80.0	85.9
-57.5°	20.9	24.2	28.9	34.0	40.3	47.0	52.6	57.6	63.4	69.5	76.2
-60°	17.5	20.8	25.1	29.4	34.0	39.9	44.8	49.4	53.6	57.9	64.5
-62.5°	14.2	17.6	21.4	25.3	29.3	33.5	38.3	42.5	45.6	49.4	53.8
-65°	11.5	14.4	17.6	21.1	24.7	28.6	32.6	36.7	40.4	42.3	44.4
-67.5°	8.9	11.4	14.0	16.8	20.0	23.3	27.2	30.8	34.3	35.8	37.1
-70°	6.9	8.5	10.6	13.0	15.2	17.2	20.0	23.4	26.8	28.6	29.6
-72.5°	5.0	6.3	7.7	9.1	10.9	12.4	13.8	15.2	17.4	19.9	21.7
-75°	3.7	4.1	5.2	6.3	7.4	8.2	9.0	10.1	11.5	13.0	14.5
-77.5°	2.7	3.1	3.5	3.9	4.3	5.1	5.8	6.4	7.1	8.0	8.9
-80°	2.1	2.1	2.4	2.7	3.0	3.3	3.6	3.8	4.1	4.5	5.0
-82.5°	1.9	1.8	1.8	1.8	1.9	2.0	2.1	2.3	2.5	2.7	2.9
-85°	1.7	1.6	1.3	1.2	1.2	1.3	1.4	1.5	1.5	1.6	1.6
-87.5°	0.8	0.8	0.7	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.8
-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: P558729 (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°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0
85°	1.7	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1
82.5°	3.1	3.2	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.0	4.1
80°	5.6	6.0	6.4	6.6	6.8	7.6	8.5	9.4	10.4	10.8	11.1
77.5°	10.0	10.7	11.2	11.5	11.7	13.3	15.4	17.6	19.9	21.1	22.0
75°	15.8	16.7	17.3	17.7	17.9	20.4	24.1	28.0	32.0	34.1	35.6
72.5°	22.9	23.7	24.2	24.7	25.0	28.7	35.4	42.6	50.4	55.1	58.5
70°	30.6	31.4	32.1	32.6	33.0	37.5	47.2	57.3	67.8	78.3	89.4
67.5°	38.6	40.3	41.3	41.8	42.3	46.1	56.4	65.9	74.8	93.7	123.6
65°	47.4	51.4	53.1	54.1	54.4	56.1	65.0	72.9	80.1	94.9	117.7
62.5°	58.6	64.0	66.4	67.5	68.1	68.2	75.4	82.1	88.2	97.5	112.0
60°	70.7	76.5	79.5	80.3	80.8	81.1	86.8	93.4	99.6	107.1	120.6
57.5°	81.8	87.2	91.6	93.4	94.8	95.8	100.9	108.6	115.9	123.4	137.9
55°	92.4	98.9	105.1	108.5	111.7	114.5	119.5	129.3	138.7	147.5	162.5
52.5°	104.0	112.3	120.5	126.7	132.7	138.1	143.5	156.1	168.6	180.3	195.0
50°	117.7	128.0	140.0	150.1	158.8	167.4	175.1	190.1	207.0	223.0	238.4
47.5°	135.1	148.7	164.1	178.5	190.3	203.6	215.6	231.0	246.0	260.9	273.7
45°	156.5	175.4	193.1	212.2	229.0	237.8	244.8	254.5	269.8	284.4	296.3
42.5°	184.0	205.9	227.7	241.9	252.7	259.8	264.9	270.0	286.1	300.2	311.8
40°	214.4	236.4	249.9	261.5	269.0	275.4	283.3	291.2	303.8	318.3	331.2
37.5°	240.8	255.0	266.8	275.9	285.0	293.4	304.9	316.2	328.3	344.5	356.4
35°	257.1	269.5	281.5	293.0	304.6	317.6	331.9	348.6	363.3	349.9	330.5
32.5°	269.5	282.2	296.8	314.5	330.5	348.2	366.1	337.3	307.7	296.2	298.5
30°	280.3	295.1	315.1	338.3	360.5	352.5	313.1	299.3	303.4	311.5	327.1
27.5°	291.9	310.3	334.6	363.1	345.6	302.0	304.3	312.3	339.3	362.3	397.1
25°	305.6	327.8	358.0	344.8	304.8	308.9	329.2	359.7	411.2	459.2	501.2
22.5°	322.1	350.4	354.4	304.9	310.3	336.7	377.8	443.9	506.5	564.5	607.8
20°	338.9	371.5	321.3	310.8	334.0	381.3	457.5	533.5	603.3	655.2	698.6
17.5°	358.9	347.4	311.8	323.0	370.0	451.6	537.4	617.9	683.7	773.5	849.9
15°	376.5	324.2	317.6	354.3	425.0	516.9	610.1	682.4	801.4	930.0	1060.1
12.5°	366.5	315.9	327.8	382.2	475.1	574.4	656.8	771.3	928.7	1116.6	1399.0
10°	351.5	320.6	349.6	420.8	518.1	614.8	700.4	850.3	1058.2	1403.3	1847.9
7.5°	340.0	322.6	364.0	450.5	550.0	639.1	753.3	935.2	1224.8	1698.3	2644.9
5°	331.2	322.5	370.5	467.6	569.0	656.0	785.9	996.8	1388.1	2062.6	3680.2
2.5°	327.3	320.8	372.4	476.8	578.2	665.4	806.2	1041.1	1491.2	2401.2	4839.3
0°	329.9	317.4	371.7	480.3	583.6	664.0	809.2	1054.5	1522.3	2526.2	4994.9
-2.5°	327.3	320.8	372.4	476.8	578.2	665.4	806.2	1041.1	1491.2	2401.2	4839.3
-5°	331.2	322.5	370.5	467.6	569.0	656.0	785.9	996.8	1388.1	2062.6	3680.2
-7.5°	340.0	322.6	364.0	450.5	550.0	639.1	753.3	935.2	1224.8	1698.3	2644.9
-10°	351.5	320.6	349.6	420.8	518.1	614.8	700.4	850.3	1058.2	1403.3	1847.9
-12.5°	366.5	315.9	327.8	382.2	475.1	574.4	656.8	771.3	928.7	1116.6	1399.0
-15°	376.5	324.2	317.6	354.3	425.0	516.9	610.1	682.4	801.4	930.0	1060.1
-17.5°	358.9	347.4	311.8	323.0	370.0	451.6	537.4	617.9	683.7	773.5	849.9
-20°	338.9	371.5	321.3	310.8	334.0	381.3	457.5	533.5	603.3	655.2	698.6



REPORT NUMBER: P558729 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	322.1	350.4	354.4	304.9	310.3	336.7	377.8	443.9	506.5	564.5	607.8
-25°	305.6	327.8	358.0	344.8	304.8	308.9	329.2	359.7	411.2	459.2	501.2
-27.5°	291.9	310.3	334.6	363.1	345.6	302.0	304.3	312.3	339.3	362.3	397.1
-30°	280.3	295.1	315.1	338.3	360.5	352.5	313.1	299.3	303.4	311.5	327.1
-32.5°	269.5	282.2	296.8	314.5	330.5	348.2	366.1	337.3	307.7	296.2	298.5
-35°	257.1	269.5	281.5	293.0	304.6	317.6	331.9	348.6	363.3	349.9	330.5
-37.5°	240.8	255.0	266.8	275.9	285.0	293.4	304.9	316.2	328.3	344.5	356.4
-40°	214.4	236.4	249.9	261.5	269.0	275.4	283.3	291.2	303.8	318.3	331.2
-42.5°	184.0	205.9	227.7	241.9	252.7	259.8	264.9	270.0	286.1	300.2	311.8
-45°	156.5	175.4	193.1	212.2	229.0	237.8	244.8	254.5	269.8	284.4	296.3
-47.5°	135.1	148.7	164.1	178.5	190.3	203.6	215.6	231.0	246.0	260.9	273.7
-50°	117.7	128.0	140.0	150.1	158.8	167.4	175.1	190.1	207.0	223.0	238.4
-52.5°	104.0	112.3	120.5	126.7	132.7	138.1	143.5	156.1	168.6	180.3	195.0
-55°	92.4	98.9	105.1	108.5	111.7	114.5	119.5	129.3	138.7	147.5	162.5
-57.5°	81.8	87.2	91.6	93.4	94.8	95.8	100.9	108.6	115.9	123.4	137.9
-60°	70.7	76.5	79.5	80.3	80.8	81.1	86.8	93.4	99.6	107.1	120.6
-62.5°	58.6	64.0	66.4	67.5	68.1	68.2	75.4	82.1	88.2	97.5	112.0
-65°	47.4	51.4	53.1	54.1	54.4	56.1	65.0	72.9	80.1	94.9	117.7
-67.5°	38.6	40.3	41.3	41.8	42.3	46.1	56.4	65.9	74.8	93.7	123.6
-70°	30.6	31.4	32.1	32.6	33.0	37.5	47.2	57.3	67.8	78.3	89.4
-72.5°	22.9	23.7	24.2	24.7	25.0	28.7	35.4	42.6	50.4	55.1	58.5
-75°	15.8	16.7	17.3	17.7	17.9	20.4	24.1	28.0	32.0	34.1	35.6
-77.5°	10.0	10.7	11.2	11.5	11.7	13.3	15.4	17.6	19.9	21.1	22.0
-80°	5.6	6.0	6.4	6.6	6.8	7.6	8.5	9.4	10.4	10.8	11.1
-82.5°	3.1	3.2	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.0	4.1
-85°	1.7	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1
-87.5°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	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



REPORT NUMBER: P558729 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
85°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0
82.5°	4.1	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.0	4.0	3.9
80°	11.2	11.4	10.9	10.4	10.9	11.4	11.2	11.1	10.8	10.4	9.4
77.5°	22.9	23.7	22.9	21.9	22.9	23.7	22.9	22.0	21.1	19.9	17.6
75°	37.0	38.2	37.5	36.5	37.5	38.2	37.0	35.6	34.1	32.0	28.0
72.5°	61.8	64.9	64.1	62.6	64.1	64.9	61.8	58.5	55.1	50.4	42.6
70°	101.2	113.1	112.6	109.6	112.6	113.1	101.2	89.4	78.3	67.8	57.3
67.5°	156.0	189.6	200.4	205.7	200.4	189.6	156.0	123.6	93.7	74.8	65.9
65°	138.9	159.2	167.3	173.3	167.3	159.2	138.9	117.7	94.9	80.1	72.9
62.5°	125.0	137.1	139.6	139.9	139.6	137.1	125.0	112.0	97.5	88.2	82.1
60°	133.7	146.5	148.5	146.2	148.5	146.5	133.7	120.6	107.1	99.6	93.4
57.5°	151.9	165.3	167.8	165.0	167.8	165.3	151.9	137.9	123.4	115.9	108.6
55°	177.0	190.6	195.1	194.2	195.1	190.6	177.0	162.5	147.5	138.7	129.3
52.5°	209.0	221.5	226.7	226.6	226.7	221.5	209.0	195.0	180.3	168.6	156.1
50°	251.9	263.1	268.6	269.4	268.6	263.1	251.9	238.4	223.0	207.0	190.1
47.5°	282.7	290.1	293.9	294.4	293.9	290.1	282.7	273.7	260.9	246.0	231.0
45°	301.7	305.6	308.6	311.1	308.6	305.6	301.7	296.3	284.4	269.8	254.5
42.5°	319.5	327.7	333.8	335.1	333.8	327.7	319.5	311.8	300.2	286.1	270.0
40°	343.3	354.6	365.5	376.9	365.5	354.6	343.3	331.2	318.3	303.8	291.2
37.5°	368.8	381.4	391.9	397.8	391.9	381.4	368.8	356.4	344.5	328.3	316.2
35°	316.9	308.6	303.7	301.7	303.7	308.6	316.9	330.5	349.9	363.3	348.6
32.5°	299.9	300.5	299.5	297.6	299.5	300.5	299.9	298.5	296.2	307.7	337.3
30°	338.7	344.2	344.8	344.5	344.8	344.2	338.7	327.1	311.5	303.4	299.3
27.5°	422.8	436.9	441.3	450.0	441.3	436.9	422.8	397.1	362.3	339.3	312.3
25°	533.8	555.1	565.3	569.0	565.3	555.1	533.8	501.2	459.2	411.2	359.7
22.5°	632.4	648.6	658.1	666.1	658.1	648.6	632.4	607.8	564.5	506.5	443.9
20°	749.2	778.9	792.4	793.5	792.4	778.9	749.2	698.6	655.2	603.3	533.5
17.5°	931.6	989.4	1018.2	1026.3	1018.2	989.4	931.6	849.9	773.5	683.7	617.9
15°	1219.4	1366.7	1442.6	1478.4	1442.6	1366.7	1219.4	1060.1	930.0	801.4	682.4
12.5°	1688.9	2021.1	2289.8	2391.0	2289.8	2021.1	1688.9	1399.0	1116.6	928.7	771.3
10°	2619.1	3611.3	4770.4	5311.2	4770.4	3611.3	2619.1	1847.9	1403.3	1058.2	850.3
7.5°	5066.8	11764.2	22801.0	28065.9	22801.0	11764.2	5066.8	2644.9	1698.3	1224.8	935.2
5°	10800.0	46609.6	83472.0	98045.1	83472.0	46609.6	10800.0	3680.2	2062.6	1388.1	996.8
2.5°	17202.2	76445.9	144241.2	168660.2	144241.2	76445.9	17202.2	4839.3	2401.2	1491.2	1041.1
0°	20553.1	80559.9	159166.9	183532.0	159166.9	80559.9	20553.1	4994.9	2526.2	1522.3	1054.5
-2.5°	17202.2	76445.9	144241.2	168660.1	144241.2	76445.9	17202.2	4839.3	2401.2	1491.2	1041.1
-5°	10800.0	46609.6	83472.0	98045.1	83472.0	46609.6	10800.0	3680.2	2062.6	1388.1	996.8
-7.5°	5066.8	11764.2	22801.0	28065.9	22801.0	11764.2	5066.8	2644.9	1698.3	1224.8	935.2
-10°	2619.1	3611.3	4770.4	5311.2	4770.4	3611.3	2619.1	1847.9	1403.3	1058.2	850.3
-12.5°	1688.9	2021.1	2289.8	2391.0	2289.8	2021.1	1688.9	1399.0	1116.6	928.7	771.3
-15°	1219.4	1366.7	1442.6	1478.4	1442.6	1366.7	1219.4	1060.1	930.0	801.4	682.4
-17.5°	931.6	989.4	1018.2	1026.3	1018.2	989.4	931.6	849.9	773.5	683.7	617.9
-20°	749.2	778.9	792.4	793.5	792.4	778.9	749.2	698.6	655.2	603.3	533.5



REPORT NUMBER: P558729 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	632.4	648.6	658.1	666.1	658.1	648.6	632.4	607.8	564.5	506.5	443.9
-25°	533.8	555.1	565.3	569.0	565.3	555.1	533.8	501.2	459.2	411.2	359.7
-27.5°	422.8	436.9	441.3	450.0	441.3	436.9	422.8	397.1	362.3	339.3	312.3
-30°	338.7	344.2	344.8	344.5	344.8	344.2	338.7	327.1	311.5	303.4	299.3
-32.5°	299.9	300.5	299.5	297.6	299.5	300.5	299.9	298.5	296.2	307.7	337.3
-35°	316.9	308.6	303.7	301.7	303.7	308.6	316.9	330.5	349.9	363.3	348.6
-37.5°	368.8	381.4	391.9	397.8	391.9	381.4	368.8	356.4	344.5	328.3	316.2
-40°	343.3	354.6	365.5	376.9	365.5	354.6	343.3	331.2	318.3	303.8	291.2
-42.5°	319.5	327.7	333.8	335.1	333.8	327.7	319.5	311.8	300.2	286.1	270.0
-45°	301.7	305.6	308.6	311.1	308.6	305.6	301.7	296.3	284.4	269.8	254.5
-47.5°	282.7	290.1	293.9	294.4	293.9	290.1	282.7	273.7	260.9	246.0	231.0
-50°	251.9	263.1	268.6	269.4	268.6	263.1	251.9	238.4	223.0	207.0	190.1
-52.5°	209.0	221.5	226.7	226.6	226.7	221.5	209.0	195.0	180.3	168.6	156.1
-55°	177.0	190.6	195.1	194.2	195.1	190.6	177.0	162.5	147.5	138.7	129.3
-57.5°	151.9	165.3	167.8	165.0	167.8	165.3	151.9	137.9	123.4	115.9	108.6
-60°	133.7	146.5	148.5	146.2	148.5	146.5	133.7	120.6	107.1	99.6	93.4
-62.5°	125.0	137.1	139.6	139.9	139.6	137.1	125.0	112.0	97.5	88.2	82.1
-65°	138.9	159.2	167.3	173.3	167.3	159.2	138.9	117.7	94.9	80.1	72.9
-67.5°	156.0	189.6	200.4	205.7	200.4	189.6	156.0	123.6	93.7	74.8	65.9
-70°	101.2	113.1	112.6	109.6	112.6	113.1	101.2	89.4	78.3	67.8	57.3
-72.5°	61.8	64.9	64.1	62.6	64.1	64.9	61.8	58.5	55.1	50.4	42.6
-75°	37.0	38.2	37.5	36.5	37.5	38.2	37.0	35.6	34.1	32.0	28.0
-77.5°	22.9	23.7	22.9	21.9	22.9	23.7	22.9	22.0	21.1	19.9	17.6
-80°	11.2	11.4	10.9	10.4	10.9	11.4	11.2	11.1	10.8	10.4	9.4
-82.5°	4.1	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.0	4.0	3.9
-85°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0
-87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	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



REPORT NUMBER: P558729 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7
85°	2.0	1.9	1.9	1.9	1.8	1.8	1.7	1.6	1.6	1.5	1.5
82.5°	3.8	3.7	3.6	3.5	3.4	3.2	3.1	2.9	2.7	2.5	2.3
80°	8.5	7.6	6.8	6.6	6.4	6.0	5.6	5.0	4.5	4.1	3.8
77.5°	15.4	13.3	11.7	11.5	11.2	10.7	10.0	8.9	8.0	7.1	6.4
75°	24.1	20.4	17.9	17.7	17.3	16.7	15.8	14.5	13.0	11.5	10.1
72.5°	35.4	28.7	25.0	24.7	24.2	23.7	22.9	21.7	19.9	17.4	15.2
70°	47.2	37.5	33.0	32.6	32.1	31.4	30.6	29.6	28.6	26.8	23.4
67.5°	56.4	46.1	42.3	41.8	41.3	40.3	38.6	37.1	35.8	34.3	30.8
65°	65.0	56.1	54.4	54.1	53.1	51.4	47.4	44.4	42.3	40.4	36.7
62.5°	75.4	68.2	68.1	67.5	66.4	64.0	58.6	53.8	49.4	45.6	42.5
60°	86.8	81.1	80.8	80.3	79.5	76.5	70.7	64.5	57.9	53.6	49.4
57.5°	100.9	95.8	94.8	93.4	91.6	87.2	81.8	76.2	69.5	63.4	57.6
55°	119.5	114.5	111.7	108.5	105.1	98.9	92.4	85.9	80.0	74.5	67.8
52.5°	143.5	138.1	132.7	126.7	120.5	112.3	104.0	96.7	89.9	83.9	77.7
50°	175.1	167.4	158.8	150.1	140.0	128.0	117.7	108.4	100.8	93.7	86.6
47.5°	215.6	203.6	190.3	178.5	164.1	148.7	135.1	122.0	113.3	103.9	96.0
45°	244.8	237.8	229.0	212.2	193.1	175.4	156.5	141.4	127.6	116.5	105.4
42.5°	264.9	259.8	252.7	241.9	227.7	205.9	184.0	164.0	146.0	130.5	116.5
40°	283.3	275.4	269.0	261.5	249.9	236.4	214.4	189.4	167.6	147.6	127.8
37.5°	304.9	293.4	285.0	275.9	266.8	255.0	240.8	218.5	190.7	165.4	141.6
35°	331.9	317.6	304.6	293.0	281.5	269.5	257.1	242.3	216.9	184.9	156.3
32.5°	366.1	348.2	330.5	314.5	296.8	282.2	269.5	256.4	239.4	207.0	174.0
30°	313.1	352.5	360.5	338.3	315.1	295.1	280.3	267.3	251.4	229.3	191.8
27.5°	304.3	302.0	345.6	363.1	334.6	310.3	291.9	276.8	262.6	243.2	212.1
25°	329.2	308.9	304.8	344.8	358.0	327.8	305.6	287.5	271.1	254.7	236.3
22.5°	377.8	336.7	310.3	304.9	354.4	350.4	322.1	298.8	281.0	270.5	253.0
20°	457.5	381.3	334.0	310.8	321.3	371.5	338.9	314.1	297.7	285.2	268.5
17.5°	537.4	451.6	370.0	323.0	311.8	347.4	358.9	332.6	312.3	300.2	283.9
15°	610.1	516.9	425.0	354.3	317.6	324.2	376.5	349.7	326.0	314.1	296.5
12.5°	656.8	574.4	475.1	382.2	327.8	315.9	366.5	364.9	340.4	322.2	304.7
10°	700.4	614.8	518.1	420.8	349.6	320.6	351.5	377.5	351.9	328.7	311.2
7.5°	753.3	639.1	550.0	450.5	364.0	322.6	340.0	388.8	362.4	335.3	316.4
5°	785.9	656.0	569.0	467.6	370.5	322.5	331.2	399.0	371.8	341.7	320.2
2.5°	806.2	665.4	578.2	476.8	372.4	320.8	327.3	408.3	381.0	345.4	321.2
0°	809.2	664.0	583.6	480.3	371.7	317.4	329.9	416.6	389.4	347.7	321.6
-2.5°	806.2	665.4	578.2	476.8	372.4	320.8	327.3	408.3	381.0	345.4	321.2
-5°	785.9	656.0	569.0	467.6	370.5	322.5	331.2	399.0	371.8	341.7	320.2
-7.5°	753.3	639.1	550.0	450.5	364.0	322.6	340.0	388.8	362.4	335.3	316.4
-10°	700.4	614.8	518.1	420.8	349.6	320.6	351.5	377.5	351.9	328.7	311.2
-12.5°	656.8	574.4	475.1	382.2	327.8	315.9	366.5	364.9	340.4	322.2	304.7
-15°	610.1	516.9	425.0	354.3	317.6	324.2	376.5	349.7	326.0	314.1	296.5
-17.5°	537.4	451.6	370.0	323.0	311.8	347.4	358.9	332.6	312.3	300.2	283.9
-20°	457.5	381.3	334.0	310.8	321.3	371.5	338.9	314.1	297.7	285.2	268.5



REPORT NUMBER: P558729 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	377.8	336.7	310.3	304.9	354.4	350.4	322.1	298.8	281.0	270.5	253.0
-25°	329.2	308.9	304.8	344.8	358.0	327.8	305.6	287.5	271.1	254.7	236.3
-27.5°	304.3	302.0	345.6	363.1	334.6	310.3	291.9	276.8	262.6	243.2	212.1
-30°	313.1	352.5	360.5	338.3	315.1	295.1	280.3	267.3	251.4	229.3	191.8
-32.5°	366.1	348.2	330.5	314.5	296.8	282.2	269.5	256.4	239.4	207.0	174.0
-35°	331.9	317.6	304.6	293.0	281.5	269.5	257.1	242.3	216.9	184.9	156.3
-37.5°	304.9	293.4	285.0	275.9	266.8	255.0	240.8	218.5	190.7	165.4	141.6
-40°	283.3	275.4	269.0	261.5	249.9	236.4	214.4	189.4	167.6	147.6	127.8
-42.5°	264.9	259.8	252.7	241.9	227.7	205.9	184.0	164.0	146.0	130.5	116.5
-45°	244.8	237.8	229.0	212.2	193.1	175.4	156.5	141.4	127.6	116.5	105.4
-47.5°	215.6	203.6	190.3	178.5	164.1	148.7	135.1	122.0	113.3	103.9	96.0
-50°	175.1	167.4	158.8	150.1	140.0	128.0	117.7	108.4	100.8	93.7	86.6
-52.5°	143.5	138.1	132.7	126.7	120.5	112.3	104.0	96.7	89.9	83.9	77.7
-55°	119.5	114.5	111.7	108.5	105.1	98.9	92.4	85.9	80.0	74.5	67.8
-57.5°	100.9	95.8	94.8	93.4	91.6	87.2	81.8	76.2	69.5	63.4	57.6
-60°	86.8	81.1	80.8	80.3	79.5	76.5	70.7	64.5	57.9	53.6	49.4
-62.5°	75.4	68.2	68.1	67.5	66.4	64.0	58.6	53.8	49.4	45.6	42.5
-65°	65.0	56.1	54.4	54.1	53.1	51.4	47.4	44.4	42.3	40.4	36.7
-67.5°	56.4	46.1	42.3	41.8	41.3	40.3	38.6	37.1	35.8	34.3	30.8
-70°	47.2	37.5	33.0	32.6	32.1	31.4	30.6	29.6	28.6	26.8	23.4
-72.5°	35.4	28.7	25.0	24.7	24.2	23.7	22.9	21.7	19.9	17.4	15.2
-75°	24.1	20.4	17.9	17.7	17.3	16.7	15.8	14.5	13.0	11.5	10.1
-77.5°	15.4	13.3	11.7	11.5	11.2	10.7	10.0	8.9	8.0	7.1	6.4
-80°	8.5	7.6	6.8	6.6	6.4	6.0	5.6	5.0	4.5	4.1	3.8
-82.5°	3.8	3.7	3.6	3.5	3.4	3.2	3.1	2.9	2.7	2.5	2.3
-85°	2.0	1.9	1.9	1.9	1.8	1.8	1.7	1.6	1.6	1.5	1.5
-87.5°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7
-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: P558729 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.7	0.6	0.6	0.6	0.7	0.8	0.8	0.9	0.8	0.7	0.6
85°	1.4	1.3	1.2	1.2	1.3	1.6	1.7	1.8	1.6	1.4	1.3
82.5°	2.1	2.0	1.9	1.8	1.8	1.8	1.9	2.1	2.1	2.1	1.9
80°	3.6	3.3	3.0	2.7	2.4	2.1	2.1	2.1	2.1	2.1	2.1
77.5°	5.8	5.1	4.3	3.9	3.5	3.1	2.7	2.3	2.1	2.1	2.1
75°	9.0	8.2	7.4	6.3	5.2	4.1	3.7	3.2	2.8	2.2	2.1
72.5°	13.8	12.4	10.9	9.1	7.7	6.3	5.0	4.1	3.7	3.1	2.3
70°	20.0	17.2	15.2	13.0	10.6	8.5	6.9	5.7	4.6	4.0	3.2
67.5°	27.2	23.3	20.0	16.8	14.0	11.4	8.9	7.5	6.3	4.9	4.0
65°	32.6	28.6	24.7	21.1	17.6	14.4	11.5	9.6	8.0	6.5	4.9
62.5°	38.3	33.5	29.3	25.3	21.4	17.6	14.2	12.3	9.9	8.0	6.1
60°	44.8	39.9	34.0	29.4	25.1	20.8	17.5	15.0	12.5	9.6	7.5
57.5°	52.6	47.0	40.3	34.0	28.9	24.2	20.9	18.2	15.1	11.9	9.0
55°	61.0	54.4	46.5	39.2	32.9	27.6	24.6	21.6	17.9	14.3	10.5
52.5°	70.6	61.8	52.9	44.5	37.2	31.6	28.9	25.0	21.1	16.8	12.9
50°	79.5	69.6	59.4	50.1	41.4	36.8	33.4	29.2	24.4	19.4	15.4
47.5°	86.9	76.7	66.3	55.7	46.2	42.4	38.6	33.6	27.7	22.4	18.0
45°	94.5	83.1	72.5	61.6	52.8	48.8	44.3	38.2	31.8	25.9	20.7
42.5°	102.0	89.8	78.1	67.2	60.4	55.2	50.3	43.6	36.1	29.7	23.8
40°	111.4	96.6	83.5	73.9	67.8	61.5	56.1	49.3	40.6	33.8	27.1
37.5°	120.7	104.3	89.6	81.1	74.8	68.0	61.8	55.2	46.2	38.4	30.5
35°	132.7	112.5	98.2	88.7	81.2	74.3	67.4	60.9	52.6	43.2	34.0
32.5°	144.2	122.7	108.1	96.3	87.3	80.3	72.9	68.0	59.3	48.0	37.6
30°	159.7	136.4	117.7	103.5	93.3	85.7	79.8	76.1	66.3	52.8	41.2
27.5°	178.7	149.8	127.6	111.6	99.7	91.1	88.9	85.0	73.4	58.0	45.2
25°	198.2	165.6	139.5	119.7	105.6	100.2	98.0	94.6	80.8	63.8	49.1
22.5°	219.6	181.8	151.0	127.4	115.7	108.9	106.6	102.8	88.7	69.7	52.9
20°	240.4	197.0	162.8	140.2	126.6	118.3	114.7	110.8	96.8	75.5	56.7
17.5°	259.3	214.2	179.4	154.2	137.7	127.4	122.5	118.7	105.2	81.2	60.3
15°	272.0	232.6	194.9	167.2	148.3	136.3	130.0	126.4	113.6	86.8	62.9
12.5°	282.7	248.6	208.8	179.4	158.4	145.0	137.3	134.0	122.1	90.4	64.3
10°	291.6	262.5	221.3	190.6	168.1	153.4	144.4	139.3	125.4	92.3	65.5
7.5°	299.0	274.2	232.3	201.0	176.0	157.7	145.5	140.3	127.3	93.6	66.5
5°	304.1	281.1	237.6	203.7	176.7	157.3	145.5	141.1	128.7	94.5	67.2
2.5°	304.9	281.8	238.9	204.6	176.8	156.6	145.3	141.6	129.4	95.0	67.7
0°	304.9	280.9	239.1	204.6	176.4	155.6	145.1	142.0	129.5	95.0	67.9
-2.5°	304.9	281.8	238.9	204.6	176.8	156.6	145.3	141.6	129.4	95.0	67.7
-5°	304.1	281.1	237.6	203.7	176.7	157.3	145.5	141.1	128.7	94.5	67.2
-7.5°	299.0	274.2	232.3	201.0	176.0	157.7	145.5	140.3	127.3	93.6	66.5
-10°	291.6	262.5	221.3	190.6	168.1	153.4	144.4	139.3	125.4	92.3	65.5
-12.5°	282.7	248.6	208.8	179.4	158.4	145.0	137.3	134.0	122.1	90.4	64.3
-15°	272.0	232.6	194.9	167.2	148.3	136.3	130.0	126.4	113.6	86.8	62.9
-17.5°	259.3	214.2	179.4	154.2	137.7	127.4	122.5	118.7	105.2	81.2	60.3
-20°	240.4	197.0	162.8	140.2	126.6	118.3	114.7	110.8	96.8	75.5	56.7



REPORT NUMBER: P558729 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	219.6	181.8	151.0	127.4	115.7	108.9	106.6	102.8	88.7	69.7	52.9
-25°	198.2	165.6	139.5	119.7	105.6	100.2	98.0	94.6	80.8	63.8	49.1
-27.5°	178.7	149.8	127.6	111.6	99.7	91.1	88.9	85.0	73.4	58.0	45.2
-30°	159.7	136.4	117.7	103.5	93.3	85.7	79.8	76.1	66.3	52.8	41.2
-32.5°	144.2	122.7	108.1	96.3	87.3	80.3	72.9	68.0	59.3	48.0	37.6
-35°	132.7	112.5	98.2	88.7	81.2	74.3	67.4	60.9	52.6	43.2	34.0
-37.5°	120.7	104.3	89.6	81.1	74.8	68.0	61.8	55.2	46.2	38.4	30.5
-40°	111.4	96.6	83.5	73.9	67.8	61.5	56.1	49.3	40.6	33.8	27.1
-42.5°	102.0	89.8	78.1	67.2	60.4	55.2	50.3	43.6	36.1	29.7	23.8
-45°	94.5	83.1	72.5	61.6	52.8	48.8	44.3	38.2	31.8	25.9	20.7
-47.5°	86.9	76.7	66.3	55.7	46.2	42.4	38.6	33.6	27.7	22.4	18.0
-50°	79.5	69.6	59.4	50.1	41.4	36.8	33.4	29.2	24.4	19.4	15.4
-52.5°	70.6	61.8	52.9	44.5	37.2	31.6	28.9	25.0	21.1	16.8	12.9
-55°	61.0	54.4	46.5	39.2	32.9	27.6	24.6	21.6	17.9	14.3	10.5
-57.5°	52.6	47.0	40.3	34.0	28.9	24.2	20.9	18.2	15.1	11.9	9.0
-60°	44.8	39.9	34.0	29.4	25.1	20.8	17.5	15.0	12.5	9.6	7.5
-62.5°	38.3	33.5	29.3	25.3	21.4	17.6	14.2	12.3	9.9	8.0	6.1
-65°	32.6	28.6	24.7	21.1	17.6	14.4	11.5	9.6	8.0	6.5	4.9
-67.5°	27.2	23.3	20.0	16.8	14.0	11.4	8.9	7.5	6.3	4.9	4.0
-70°	20.0	17.2	15.2	13.0	10.6	8.5	6.9	5.7	4.6	4.0	3.2
-72.5°	13.8	12.4	10.9	9.1	7.7	6.3	5.0	4.1	3.7	3.1	2.3
-75°	9.0	8.2	7.4	6.3	5.2	4.1	3.7	3.2	2.8	2.2	2.1
-77.5°	5.8	5.1	4.3	3.9	3.5	3.1	2.7	2.3	2.1	2.1	2.1
-80°	3.6	3.3	3.0	2.7	2.4	2.1	2.1	2.1	2.1	2.1	2.1
-82.5°	2.1	2.0	1.9	1.8	1.8	1.8	1.9	2.1	2.1	2.1	1.9
-85°	1.4	1.3	1.2	1.2	1.3	1.6	1.7	1.8	1.6	1.4	1.3
-87.5°	0.7	0.6	0.6	0.6	0.7	0.8	0.8	0.9	0.8	0.7	0.6
-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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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°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
82.5°	1.6	1.4	1.1	0.8	0.5	0.3	0.0
80°	2.1	1.8	1.5	1.1	0.7	0.4	0.0
77.5°	2.1	2.1	1.8	1.4	0.9	0.5	0.0
75°	2.1	2.1	2.1	1.6	1.1	0.5	0.0
72.5°	2.1	2.1	2.1	1.9	1.3	0.6	0.0
70°	2.2	2.1	2.1	2.1	1.4	0.7	0.0
67.5°	3.0	2.1	2.1	2.1	1.6	0.8	0.0
65°	3.8	2.4	2.1	2.1	1.8	0.9	0.0
62.5°	4.5	3.1	2.1	2.1	1.9	1.0	0.0
60°	5.3	3.8	2.1	2.1	2.1	1.0	0.0
57.5°	6.7	4.5	2.6	2.1	2.1	1.1	0.0
55°	8.1	5.2	3.2	2.1	2.1	1.2	0.0
52.5°	9.6	6.0	3.8	2.1	2.1	1.3	0.0
50°	11.1	7.3	4.3	2.1	2.2	1.3	0.0
47.5°	12.7	8.6	4.8	2.2	2.2	1.4	0.0
45°	15.1	9.9	5.4	2.6	2.2	1.5	0.0
42.5°	17.5	11.2	5.9	3.0	2.3	1.5	0.0
40°	19.9	12.6	6.6	3.4	2.3	1.6	0.0
37.5°	22.3	13.9	7.7	3.7	2.3	1.7	0.0
35°	24.7	15.6	8.7	4.0	2.4	1.7	0.0
32.5°	27.3	17.5	9.7	4.3	2.4	1.8	0.0
30°	30.1	19.4	10.6	4.5	2.5	1.8	0.0
27.5°	32.9	21.3	11.2	4.8	2.5	1.9	0.0
25°	35.7	23.1	11.7	4.9	2.6	1.9	0.0
22.5°	38.4	24.5	12.1	5.1	2.6	1.9	0.0
20°	41.1	25.0	12.3	5.2	2.7	2.0	0.0
17.5°	42.5	25.3	12.5	5.3	2.7	2.0	0.0
15°	43.0	25.5	12.6	5.3	2.8	2.0	0.0
12.5°	43.3	25.4	12.6	5.4	2.8	2.1	0.0
10°	43.4	25.2	12.5	5.4	2.9	2.1	0.0
7.5°	43.3	24.9	12.4	5.4	3.0	2.1	0.0
5°	43.0	24.4	12.1	5.3	3.0	2.1	0.0
2.5°	42.5	23.8	11.8	5.3	3.1	2.1	0.0
0°	41.8	23.0	11.5	5.2	3.1	2.1	0.0
-2.5°	42.5	23.8	11.8	5.3	3.1	2.1	0.0
-5°	43.0	24.4	12.1	5.3	3.0	2.1	0.0
-7.5°	43.3	24.9	12.4	5.4	3.0	2.1	0.0
-10°	43.4	25.2	12.5	5.4	2.9	2.1	0.0
-12.5°	43.3	25.4	12.6	5.4	2.8	2.1	0.0
-15°	43.0	25.5	12.6	5.3	2.8	2.0	0.0
-17.5°	42.5	25.3	12.5	5.3	2.7	2.0	0.0
-20°	41.1	25.0	12.3	5.2	2.7	2.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	38.4	24.5	12.1	5.1	2.6	1.9	0.0
-25°	35.7	23.1	11.7	4.9	2.6	1.9	0.0
-27.5°	32.9	21.3	11.2	4.8	2.5	1.9	0.0
-30°	30.1	19.4	10.6	4.5	2.5	1.8	0.0
-32.5°	27.3	17.5	9.7	4.3	2.4	1.8	0.0
-35°	24.7	15.6	8.7	4.0	2.4	1.7	0.0
-37.5°	22.3	13.9	7.7	3.7	2.3	1.7	0.0
-40°	19.9	12.6	6.6	3.4	2.3	1.6	0.0
-42.5°	17.5	11.2	5.9	3.0	2.3	1.5	0.0
-45°	15.1	9.9	5.4	2.6	2.2	1.5	0.0
-47.5°	12.7	8.6	4.8	2.2	2.2	1.4	0.0
-50°	11.1	7.3	4.3	2.1	2.2	1.3	0.0
-52.5°	9.6	6.0	3.8	2.1	2.1	1.3	0.0
-55°	8.1	5.2	3.2	2.1	2.1	1.2	0.0
-57.5°	6.7	4.5	2.6	2.1	2.1	1.1	0.0
-60°	5.3	3.8	2.1	2.1	2.1	1.0	0.0
-62.5°	4.5	3.1	2.1	2.1	1.9	1.0	0.0
-65°	3.8	2.4	2.1	2.1	1.8	0.9	0.0
-67.5°	3.0	2.1	2.1	2.1	1.6	0.8	0.0
-70°	2.2	2.1	2.1	2.1	1.4	0.7	0.0
-72.5°	2.1	2.1	2.1	1.9	1.3	0.6	0.0
-75°	2.1	2.1	2.1	1.6	1.1	0.5	0.0
-77.5°	2.1	2.1	1.8	1.4	0.9	0.5	0.0
-80°	2.1	1.8	1.5	1.1	0.7	0.4	0.0
-82.5°	1.6	1.4	1.1	0.8	0.5	0.3	0.0
-85°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-87.5°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)