

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: P558721 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-927-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558721 (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-927-U-TSB-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, TIGHT SPOT BAFFLE N1
Light Source: (32) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

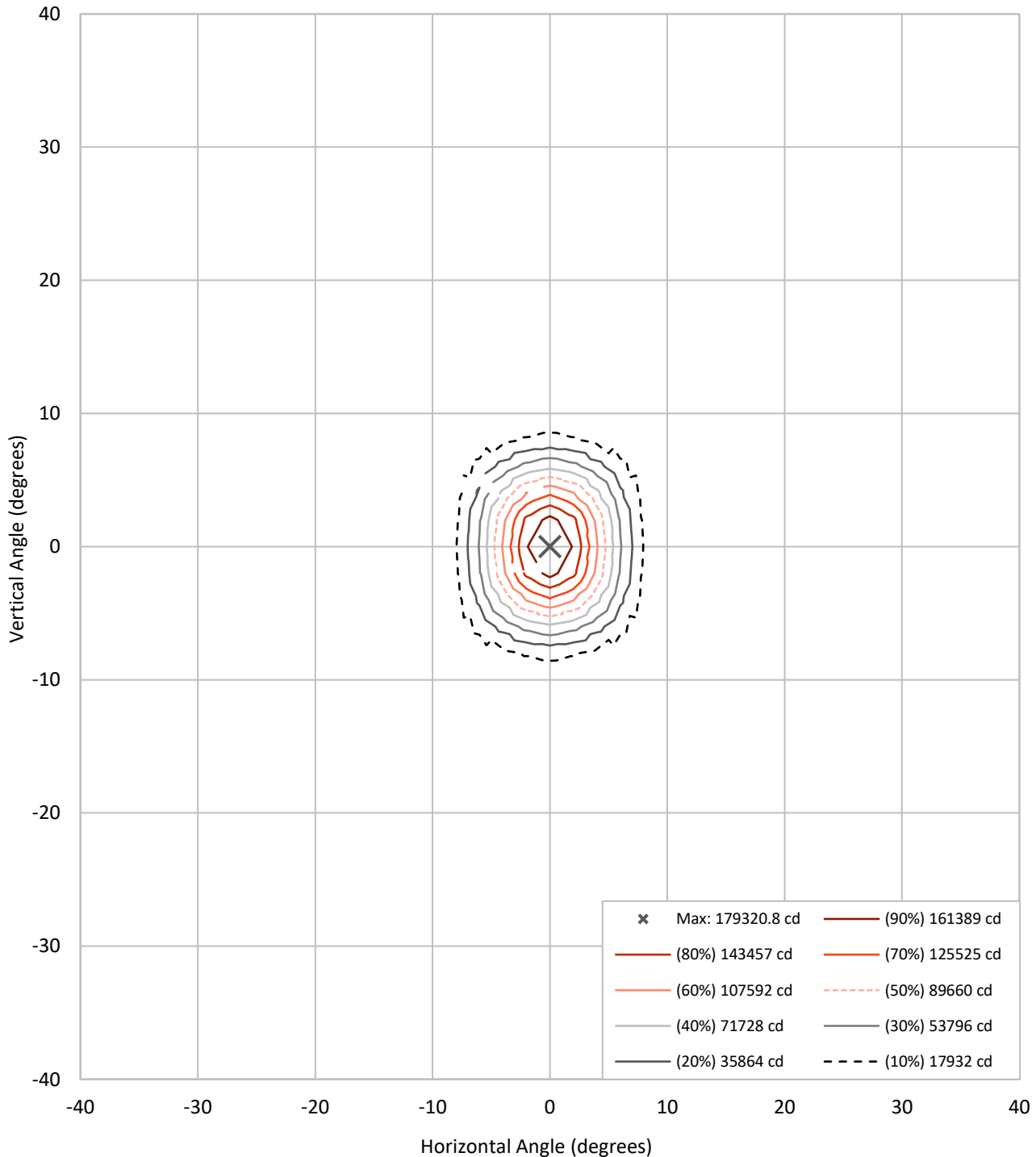
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	6983.1 lumens	Max Intensity:	179320.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	55.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	2993.1 lumens	Field Lumens:	5158.6 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



REPORT NUMBER: P558721 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





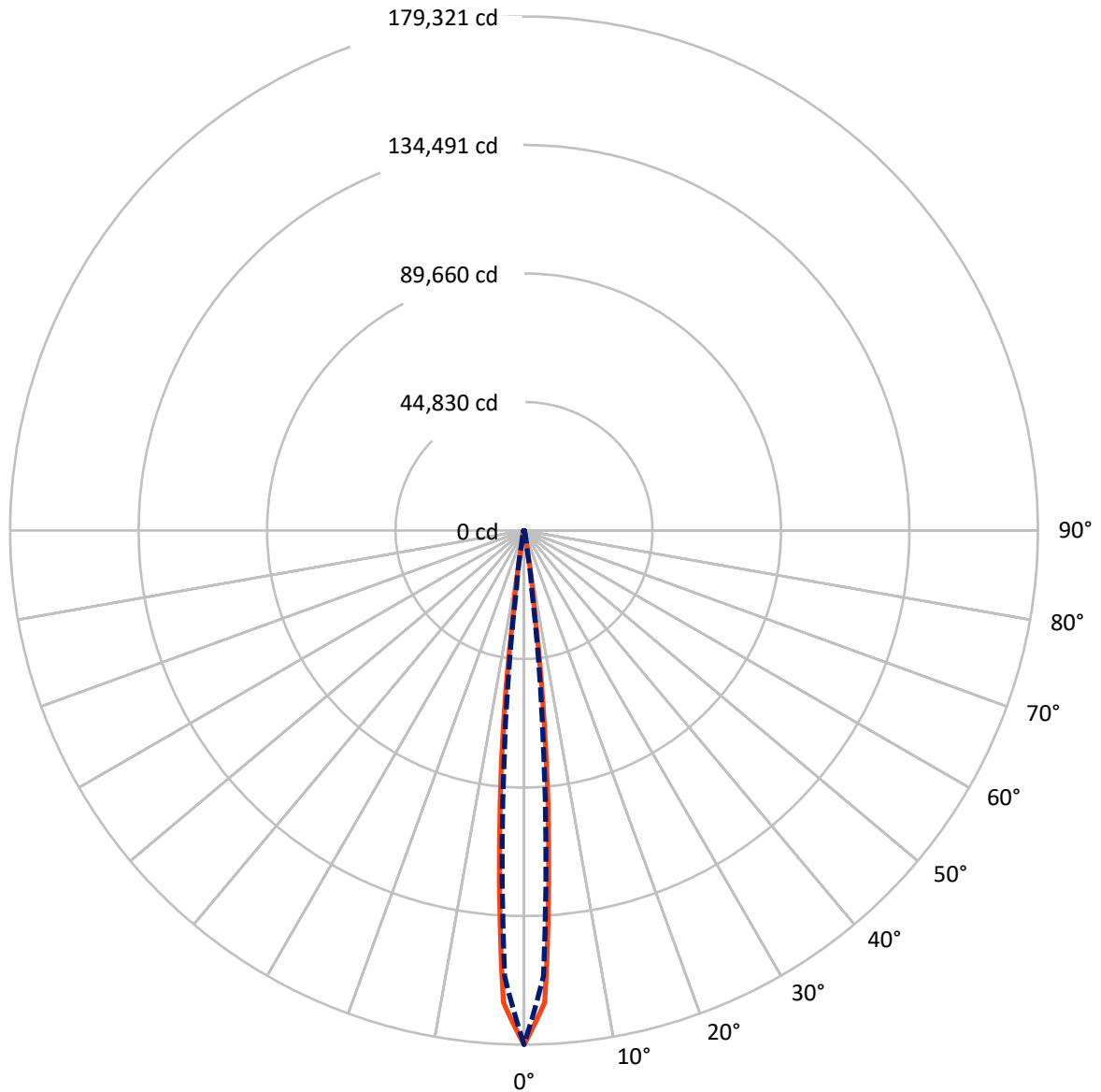
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Lumen Table

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	1.5	2.5	4.3	4.3	2.5	1.5	1.2	0.8	0.4	0.1	0.1
60		0.3	0.7	1.4	2.3	3.1	4.2	5.6	5.6	4.2	3.1	2.3	1.4	0.7	0.3	
50	0.4	0.5	1.1	2.2	3.9	5.9	7.6	9.1	9.1	7.6	5.9	3.9	2.2	1.1	0.5	0.4
40		0.8	1.6	3.4	6.1	8.3	9.4	9.9	9.9	9.4	8.3	6.1	3.4	1.6	0.8	
30	0.7	1.1	2.2	4.8	7.5	9.0	12.3	16.1	16.1	12.3	9.0	7.5	4.8	2.2	1.1	0.7
20		1.5	3.0	6.1	8.3	11.8	24.0	48.0	48.0	24.0	11.8	8.3	6.1	3.0	1.5	
10	0.8	1.7	3.6	6.8	8.6	15.2	47.4	1403.0	1403.0	47.4	15.2	8.6	6.8	3.6	1.7	0.8
0		1.7	3.6	6.8	8.6	15.2	47.4	1403.0	1403.0	47.4	15.2	8.6	6.8	3.6	1.7	
-10	0.7	1.5	3.0	6.1	8.3	11.8	24.0	48.0	48.0	24.0	11.8	8.3	6.1	3.0	1.5	0.7
-20		1.1	2.2	4.8	7.5	9.0	12.3	16.1	16.1	12.3	9.0	7.5	4.8	2.2	1.1	
-30	0.4	0.8	1.6	3.4	6.1	8.3	9.4	9.9	9.9	9.4	8.3	6.1	3.4	1.6	0.8	0.4
-40		0.5	1.1	2.2	3.9	5.9	7.6	9.1	9.1	7.6	5.9	3.9	2.2	1.1	0.5	
-50	0.1	0.3	0.7	1.4	2.3	3.1	4.2	5.6	5.6	4.2	3.1	2.3	1.4	0.7	0.3	0.1
-60		0.1	0.4	0.8	1.2	1.5	2.5	4.3	4.3	2.5	1.5	1.2	0.8	0.4	0.1	
-70	0.1	0.1	0.4	0.8	1.2	1.5	2.5	4.3	4.3	2.5	1.5	1.2	0.8	0.4	0.1	0.1
-80		0.1	0.4	0.8	1.2	1.5	2.5	4.3	4.3	2.5	1.5	1.2	0.8	0.4	0.1	
-90	0.0	0.2	0.7	1.7	2.9	1.7	0.7	0.2	0.0							

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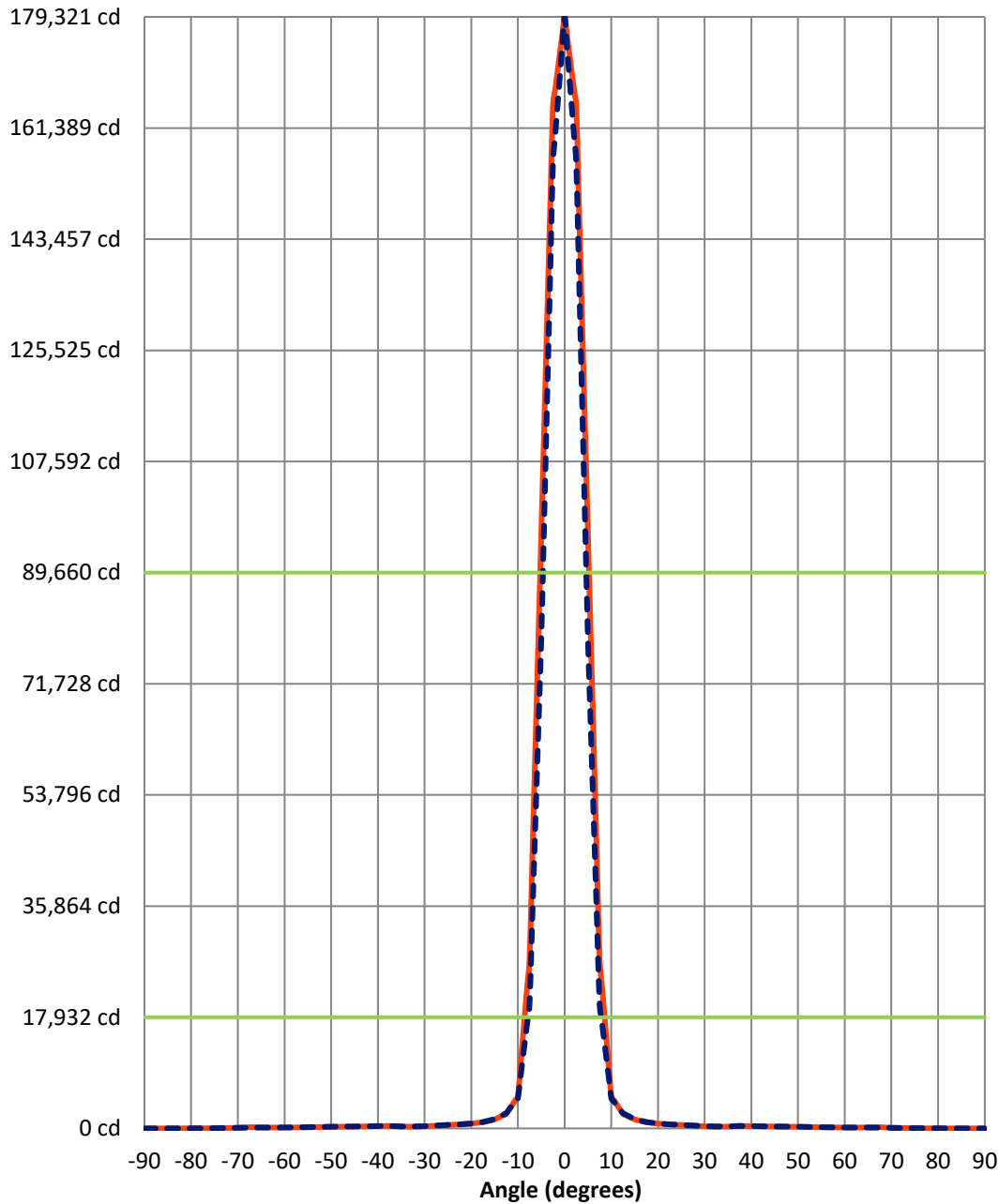
Luminous Intensity Polar Plot



— 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: 2993.1
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 5158.6
Efficiency: 73.9%

Spill:
Lumens: 1824.6
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	0.3	0.4	0.5	0.6	0.7	0.8	0.8
85°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
82.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.0	2.0
80°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.0	2.0	2.0	2.0
77.5°	0.0	0.4	0.9	1.3	1.7	2.0	2.0	2.0	2.0	2.0	2.2
75°	0.0	0.5	1.0	1.5	2.0	2.0	2.0	2.0	2.1	2.7	3.1
72.5°	0.0	0.6	1.2	1.8	2.0	2.0	2.0	2.2	3.0	3.6	4.0
70°	0.0	0.7	1.4	2.0	2.0	2.0	2.1	3.1	3.9	4.5	5.6
67.5°	0.0	0.8	1.5	2.0	2.0	2.0	2.9	3.9	4.8	6.2	7.4
65°	0.0	0.8	1.7	2.0	2.0	2.3	3.7	4.8	6.3	7.8	9.4
62.5°	0.0	0.9	1.8	2.0	2.0	3.0	4.4	6.0	7.9	9.7	12.0
60°	0.0	1.0	2.0	2.0	2.0	3.7	5.2	7.4	9.4	12.2	14.7
57.5°	0.0	1.1	2.0	2.0	2.5	4.4	6.5	8.8	11.6	14.8	17.8
55°	0.0	1.1	2.0	2.0	3.1	5.0	7.9	10.3	14.0	17.5	21.1
52.5°	0.0	1.2	2.0	2.0	3.6	5.8	9.4	12.6	16.4	20.7	24.5
50°	0.0	1.3	2.1	2.0	4.2	7.1	10.8	15.1	19.0	23.9	28.6
47.5°	0.0	1.4	2.1	2.1	4.7	8.4	12.4	17.6	21.9	27.1	32.9
45°	0.0	1.4	2.1	2.5	5.2	9.7	14.7	20.3	25.4	31.2	37.3
42.5°	0.0	1.5	2.2	2.9	5.7	11.0	17.1	23.3	29.0	35.3	42.6
40°	0.0	1.5	2.2	3.2	6.4	12.3	19.4	26.5	33.0	39.6	48.1
37.5°	0.0	1.6	2.3	3.6	7.5	13.6	21.8	29.9	37.6	45.1	53.9
35°	0.0	1.6	2.3	3.9	8.4	15.3	24.2	33.3	42.2	51.4	59.5
32.5°	0.0	1.7	2.3	4.2	9.4	17.1	26.7	36.7	46.8	58.0	66.5
30°	0.0	1.7	2.4	4.4	10.3	19.0	29.4	40.3	51.5	64.7	74.4
27.5°	0.0	1.8	2.5	4.6	10.9	20.8	32.2	44.2	56.6	71.7	83.1
25°	0.0	1.8	2.5	4.8	11.4	22.5	34.9	48.0	62.3	79.0	92.5
22.5°	0.0	1.8	2.6	4.9	11.8	23.9	37.6	51.7	68.1	86.6	100.4
20°	0.0	1.9	2.6	5.1	12.0	24.4	40.1	55.4	73.8	94.6	108.3
17.5°	0.0	1.9	2.7	5.1	12.2	24.7	41.5	58.9	79.4	102.8	116.0
15°	0.0	1.9	2.8	5.2	12.3	24.8	42.0	61.4	84.8	111.0	123.5
12.5°	0.0	2.0	2.8	5.2	12.3	24.8	42.3	62.8	88.4	119.3	130.9
10°	0.0	2.0	2.9	5.2	12.2	24.6	42.4	63.9	90.1	122.5	136.1
7.5°	0.0	2.0	2.9	5.2	12.0	24.3	42.3	64.9	91.5	124.4	137.0
5°	0.0	2.0	3.0	5.2	11.8	23.8	42.0	65.7	92.3	125.7	137.8
2.5°	0.0	2.0	3.0	5.2	11.5	23.1	41.5	66.1	92.8	126.4	138.3
0°	0.0	2.0	3.1	5.1	11.2	22.4	40.8	66.3	92.8	126.5	138.7
-2.5°	0.0	2.0	3.0	5.2	11.5	23.1	41.5	66.1	92.8	126.4	138.3
-5°	0.0	2.0	3.0	5.2	11.8	23.8	42.0	65.7	92.3	125.7	137.8
-7.5°	0.0	2.0	2.9	5.2	12.0	24.3	42.3	64.9	91.5	124.4	137.0
-10°	0.0	2.0	2.9	5.2	12.2	24.6	42.4	63.9	90.1	122.5	136.1
-12.5°	0.0	2.0	2.8	5.2	12.3	24.8	42.3	62.8	88.4	119.3	130.9
-15°	0.0	1.9	2.8	5.2	12.3	24.8	42.0	61.4	84.8	111.0	123.5
-17.5°	0.0	1.9	2.7	5.1	12.2	24.7	41.5	58.9	79.4	102.8	116.0
-20°	0.0	1.9	2.6	5.1	12.0	24.4	40.1	55.4	73.8	94.6	108.3



REPORT NUMBER: P558721 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-927-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	1.8	2.6	4.9	11.8	23.9	37.6	51.7	68.1	86.6	100.4
-25°	0.0	1.8	2.5	4.8	11.4	22.5	34.9	48.0	62.3	79.0	92.5
-27.5°	0.0	1.8	2.5	4.6	10.9	20.8	32.2	44.2	56.6	71.7	83.1
-30°	0.0	1.7	2.4	4.4	10.3	19.0	29.4	40.3	51.5	64.7	74.4
-32.5°	0.0	1.7	2.3	4.2	9.4	17.1	26.7	36.7	46.8	58.0	66.5
-35°	0.0	1.6	2.3	3.9	8.4	15.3	24.2	33.3	42.2	51.4	59.5
-37.5°	0.0	1.6	2.3	3.6	7.5	13.6	21.8	29.9	37.6	45.1	53.9
-40°	0.0	1.5	2.2	3.2	6.4	12.3	19.4	26.5	33.0	39.6	48.1
-42.5°	0.0	1.5	2.2	2.9	5.7	11.0	17.1	23.3	29.0	35.3	42.6
-45°	0.0	1.4	2.1	2.5	5.2	9.7	14.7	20.3	25.4	31.2	37.3
-47.5°	0.0	1.4	2.1	2.1	4.7	8.4	12.4	17.6	21.9	27.1	32.9
-50°	0.0	1.3	2.1	2.0	4.2	7.1	10.8	15.1	19.0	23.9	28.6
-52.5°	0.0	1.2	2.0	2.0	3.6	5.8	9.4	12.6	16.4	20.7	24.5
-55°	0.0	1.1	2.0	2.0	3.1	5.0	7.9	10.3	14.0	17.5	21.1
-57.5°	0.0	1.1	2.0	2.0	2.5	4.4	6.5	8.8	11.6	14.8	17.8
-60°	0.0	1.0	2.0	2.0	2.0	3.7	5.2	7.4	9.4	12.2	14.7
-62.5°	0.0	0.9	1.8	2.0	2.0	3.0	4.4	6.0	7.9	9.7	12.0
-65°	0.0	0.8	1.7	2.0	2.0	2.3	3.7	4.8	6.3	7.8	9.4
-67.5°	0.0	0.8	1.5	2.0	2.0	2.0	2.9	3.9	4.8	6.2	7.4
-70°	0.0	0.7	1.4	2.0	2.0	2.0	2.1	3.1	3.9	4.5	5.6
-72.5°	0.0	0.6	1.2	1.8	2.0	2.0	2.0	2.2	3.0	3.6	4.0
-75°	0.0	0.5	1.0	1.5	2.0	2.0	2.0	2.0	2.1	2.7	3.1
-77.5°	0.0	0.4	0.9	1.3	1.7	2.0	2.0	2.0	2.0	2.0	2.2
-80°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.0	2.0	2.0	2.0
-82.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.0	2.0
-85°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
-87.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	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



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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°	0.8	0.8	0.7	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.8
85°	1.6	1.5	1.3	1.2	1.2	1.3	1.4	1.4	1.5	1.5	1.6
82.5°	1.9	1.8	1.7	1.7	1.8	1.9	2.0	2.2	2.4	2.6	2.8
80°	2.0	2.0	2.3	2.6	2.9	3.2	3.5	3.7	4.0	4.4	4.9
77.5°	2.6	3.0	3.4	3.8	4.2	5.0	5.7	6.3	7.0	7.8	8.7
75°	3.6	4.0	5.0	6.2	7.2	8.0	8.7	9.8	11.2	12.7	14.1
72.5°	4.9	6.2	7.5	8.9	10.6	12.1	13.5	14.8	17.0	19.4	21.2
70°	6.8	8.3	10.4	12.7	14.9	16.8	19.6	22.9	26.3	28.0	29.0
67.5°	8.7	11.2	13.7	16.5	19.5	22.7	26.6	30.2	33.6	34.9	36.2
65°	11.3	14.1	17.2	20.6	24.1	28.0	31.9	35.9	39.5	41.3	43.4
62.5°	13.9	17.2	20.9	24.7	28.6	32.7	37.5	41.5	44.6	48.3	52.6
60°	17.1	20.4	24.5	28.8	33.2	39.0	43.8	48.3	52.4	56.6	63.1
57.5°	20.4	23.6	28.2	33.2	39.4	46.0	51.4	56.2	62.0	67.9	74.5
55°	24.1	27.0	32.2	38.4	45.4	53.2	59.6	66.2	72.8	78.2	84.0
52.5°	28.3	30.9	36.4	43.5	51.7	60.4	68.9	75.8	82.0	87.8	94.4
50°	32.7	36.0	40.4	48.9	58.0	68.0	77.6	84.6	91.5	98.5	105.9
47.5°	37.7	41.5	45.2	54.4	64.7	74.9	84.9	93.8	101.5	110.7	119.2
45°	43.3	47.6	51.6	60.2	70.8	81.2	92.2	102.9	113.8	124.6	138.2
42.5°	49.1	53.9	59.0	65.6	76.2	87.7	99.6	113.8	127.6	142.7	160.3
40°	54.9	60.1	66.2	72.2	81.6	94.4	108.9	124.8	144.2	163.8	185.1
37.5°	60.4	66.5	73.0	79.2	87.6	102.0	117.9	138.3	161.7	186.3	213.5
35°	65.9	72.6	79.3	86.6	96.0	109.9	129.6	152.8	180.7	211.9	236.8
32.5°	71.3	78.4	85.2	94.1	105.6	119.9	140.9	170.0	202.3	233.9	250.5
30°	77.9	83.7	91.2	101.1	115.0	133.2	156.0	187.4	224.1	245.7	261.1
27.5°	86.9	89.0	97.3	109.0	124.7	146.3	174.7	207.3	237.6	256.6	270.4
25°	95.7	97.9	103.1	116.9	136.3	161.8	193.6	230.8	248.9	264.9	280.9
22.5°	104.1	106.4	113.0	124.4	147.5	177.6	214.6	247.2	264.3	274.5	291.9
20°	112.0	115.5	123.7	136.9	159.0	192.5	234.9	262.3	278.6	290.9	306.8
17.5°	119.6	124.5	134.5	150.6	175.3	209.3	253.4	277.3	293.3	305.1	324.9
15°	127.0	133.2	144.9	163.3	190.4	227.3	265.7	289.7	306.9	318.5	341.7
12.5°	134.1	141.7	154.8	175.2	204.0	243.0	276.2	297.7	314.8	332.6	356.5
10°	141.1	149.9	164.3	186.3	216.2	256.5	284.9	304.1	321.2	343.8	368.8
7.5°	142.1	154.1	172.0	196.4	227.0	267.9	292.1	309.1	327.6	354.1	379.9
5°	142.1	153.8	172.6	199.0	232.1	274.7	297.2	312.9	333.8	363.3	389.8
2.5°	142.0	153.0	172.8	199.9	233.4	275.3	297.9	313.9	337.4	372.3	398.9
0°	141.8	152.0	172.4	199.9	233.6	274.4	297.9	314.2	339.7	380.5	407.0
-2.5°	142.0	153.0	172.8	199.9	233.4	275.3	297.9	313.9	337.4	372.3	398.9
-5°	142.1	153.8	172.6	199.0	232.1	274.7	297.2	312.9	333.8	363.3	389.8
-7.5°	142.1	154.1	172.0	196.4	227.0	267.9	292.1	309.1	327.6	354.1	379.9
-10°	141.1	149.9	164.3	186.3	216.2	256.5	284.9	304.1	321.2	343.8	368.8
-12.5°	134.1	141.7	154.8	175.2	204.0	243.0	276.2	297.7	314.8	332.6	356.5
-15°	127.0	133.2	144.9	163.3	190.4	227.3	265.7	289.7	306.9	318.5	341.7
-17.5°	119.6	124.5	134.5	150.6	175.3	209.3	253.4	277.3	293.3	305.1	324.9
-20°	112.0	115.5	123.7	136.9	159.0	192.5	234.9	262.3	278.6	290.9	306.8



REPORT NUMBER: P558721 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-927-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°	104.1	106.4	113.0	124.4	147.5	177.6	214.6	247.2	264.3	274.5	291.9
-25°	95.7	97.9	103.1	116.9	136.3	161.8	193.6	230.8	248.9	264.9	280.9
-27.5°	86.9	89.0	97.3	109.0	124.7	146.3	174.7	207.3	237.6	256.6	270.4
-30°	77.9	83.7	91.2	101.1	115.0	133.2	156.0	187.4	224.1	245.7	261.1
-32.5°	71.3	78.4	85.2	94.1	105.6	119.9	140.9	170.0	202.3	233.9	250.5
-35°	65.9	72.6	79.3	86.6	96.0	109.9	129.6	152.8	180.7	211.9	236.8
-37.5°	60.4	66.5	73.0	79.2	87.6	102.0	117.9	138.3	161.7	186.3	213.5
-40°	54.9	60.1	66.2	72.2	81.6	94.4	108.9	124.8	144.2	163.8	185.1
-42.5°	49.1	53.9	59.0	65.6	76.2	87.7	99.6	113.8	127.6	142.7	160.3
-45°	43.3	47.6	51.6	60.2	70.8	81.2	92.2	102.9	113.8	124.6	138.2
-47.5°	37.7	41.5	45.2	54.4	64.7	74.9	84.9	93.8	101.5	110.7	119.2
-50°	32.7	36.0	40.4	48.9	58.0	68.0	77.6	84.6	91.5	98.5	105.9
-52.5°	28.3	30.9	36.4	43.5	51.7	60.4	68.9	75.8	82.0	87.8	94.4
-55°	24.1	27.0	32.2	38.4	45.4	53.2	59.6	66.2	72.8	78.2	84.0
-57.5°	20.4	23.6	28.2	33.2	39.4	46.0	51.4	56.2	62.0	67.9	74.5
-60°	17.1	20.4	24.5	28.8	33.2	39.0	43.8	48.3	52.4	56.6	63.1
-62.5°	13.9	17.2	20.9	24.7	28.6	32.7	37.5	41.5	44.6	48.3	52.6
-65°	11.3	14.1	17.2	20.6	24.1	28.0	31.9	35.9	39.5	41.3	43.4
-67.5°	8.7	11.2	13.7	16.5	19.5	22.7	26.6	30.2	33.6	34.9	36.2
-70°	6.8	8.3	10.4	12.7	14.9	16.8	19.6	22.9	26.3	28.0	29.0
-72.5°	4.9	6.2	7.5	8.9	10.6	12.1	13.5	14.8	17.0	19.4	21.2
-75°	3.6	4.0	5.0	6.2	7.2	8.0	8.7	9.8	11.2	12.7	14.1
-77.5°	2.6	3.0	3.4	3.8	4.2	5.0	5.7	6.3	7.0	7.8	8.7
-80°	2.0	2.0	2.3	2.6	2.9	3.2	3.5	3.7	4.0	4.4	4.9
-82.5°	1.9	1.8	1.7	1.7	1.8	1.9	2.0	2.2	2.4	2.6	2.8
-85°	1.6	1.5	1.3	1.2	1.2	1.3	1.4	1.4	1.5	1.5	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: P558721 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0
85°	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0
82.5°	3.0	3.1	3.3	3.4	3.5	3.6	3.7	3.8	3.9	3.9	4.0
80°	5.5	5.9	6.2	6.5	6.7	7.4	8.3	9.2	10.2	10.5	10.8
77.5°	9.7	10.4	10.9	11.2	11.5	13.1	15.1	17.2	19.4	20.6	21.5
75°	15.5	16.3	16.9	17.3	17.5	20.0	23.6	27.4	31.3	33.4	34.8
72.5°	22.4	23.1	23.7	24.1	24.4	28.0	34.6	41.7	49.2	53.8	57.2
70°	29.9	30.7	31.3	31.9	32.3	36.6	46.1	56.0	66.3	76.5	87.4
67.5°	37.7	39.4	40.3	40.9	41.4	45.1	55.2	64.5	73.1	91.6	120.8
65°	46.3	50.3	51.9	52.8	53.2	54.9	63.5	71.3	78.3	92.7	115.0
62.5°	57.3	62.5	64.9	65.9	66.6	66.7	73.7	80.2	86.2	95.2	109.4
60°	69.1	74.7	77.7	78.5	79.0	79.2	84.8	91.3	97.3	104.6	117.8
57.5°	80.0	85.2	89.6	91.3	92.6	93.6	98.6	106.1	113.2	120.6	134.8
55°	90.3	96.7	102.7	106.0	109.2	111.9	116.8	126.4	135.5	144.1	158.8
52.5°	101.6	109.7	117.7	123.8	129.7	134.9	140.2	152.6	164.7	176.2	190.5
50°	115.0	125.0	136.8	146.7	155.2	163.6	171.1	185.8	202.2	217.9	233.0
47.5°	132.0	145.3	160.3	174.4	185.9	198.9	210.6	225.7	240.3	254.9	267.4
45°	152.9	171.3	188.6	207.3	223.8	232.4	239.2	248.6	263.6	277.9	289.5
42.5°	179.7	201.1	222.4	236.3	246.9	253.9	258.9	263.8	279.5	293.3	304.6
40°	209.5	231.0	244.1	255.5	262.8	269.1	276.8	284.5	296.8	311.0	323.5
37.5°	235.3	249.1	260.6	269.6	278.4	286.7	297.9	308.9	320.7	336.6	348.2
35°	251.2	263.3	275.0	286.3	297.6	310.3	324.3	340.6	354.9	341.9	322.9
32.5°	263.3	275.8	289.9	307.3	322.9	340.2	357.8	329.6	300.7	289.4	291.7
30°	273.9	288.3	307.8	330.5	352.2	344.4	305.9	292.4	296.4	304.3	319.6
27.5°	285.2	303.2	326.9	354.8	337.7	295.1	297.3	305.1	331.5	354.0	388.0
25°	298.6	320.3	349.7	336.9	297.8	301.9	321.6	351.5	401.8	448.7	489.8
22.5°	314.7	342.3	346.2	297.9	303.2	329.0	369.1	433.7	494.8	551.6	593.9
20°	331.0	363.0	313.9	303.7	326.4	372.6	447.0	521.2	589.4	640.2	682.6
17.5°	350.7	339.4	304.7	315.6	361.5	441.2	525.0	603.7	668.0	755.7	830.4
15°	367.9	316.7	310.3	346.2	415.3	505.0	596.1	666.7	783.0	908.7	1035.8
12.5°	358.0	308.7	320.3	373.4	464.3	561.3	641.8	753.6	907.4	1090.9	1366.9
10°	343.4	313.2	341.5	411.1	506.2	600.7	684.4	830.9	1033.9	1371.1	1805.5
7.5°	332.1	315.2	355.6	440.1	537.4	624.5	736.0	913.7	1196.7	1659.3	2584.2
5°	323.6	315.1	362.0	456.9	555.9	640.9	767.9	973.9	1356.2	2015.3	3595.8
2.5°	319.8	313.4	363.8	465.9	564.9	650.1	787.8	1017.3	1456.9	2346.1	4728.3
0°	322.4	310.1	363.2	469.3	570.2	648.8	790.6	1030.3	1487.3	2468.2	4880.3
-2.5°	319.8	313.4	363.8	465.9	564.9	650.1	787.8	1017.3	1456.9	2346.1	4728.3
-5°	323.6	315.1	362.0	456.9	555.9	640.9	767.9	973.9	1356.2	2015.3	3595.8
-7.5°	332.1	315.2	355.6	440.1	537.4	624.5	736.0	913.7	1196.7	1659.3	2584.2
-10°	343.4	313.2	341.5	411.1	506.2	600.7	684.4	830.9	1033.9	1371.1	1805.5
-12.5°	358.0	308.7	320.3	373.4	464.3	561.3	641.8	753.6	907.4	1090.9	1366.9
-15°	367.9	316.7	310.3	346.2	415.3	505.0	596.1	666.7	783.0	908.7	1035.8
-17.5°	350.7	339.4	304.7	315.6	361.5	441.2	525.0	603.7	668.0	755.7	830.4
-20°	331.0	363.0	313.9	303.7	326.4	372.6	447.0	521.2	589.4	640.2	682.6



REPORT NUMBER: P558721 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	314.7	342.3	346.2	297.9	303.2	329.0	369.1	433.7	494.8	551.6	593.9
-25°	298.6	320.3	349.7	336.9	297.8	301.9	321.6	351.5	401.8	448.7	489.8
-27.5°	285.2	303.2	326.9	354.8	337.7	295.1	297.3	305.1	331.5	354.0	388.0
-30°	273.9	288.3	307.8	330.5	352.2	344.4	305.9	292.4	296.4	304.3	319.6
-32.5°	263.3	275.8	289.9	307.3	322.9	340.2	357.8	329.6	300.7	289.4	291.7
-35°	251.2	263.3	275.0	286.3	297.6	310.3	324.3	340.6	354.9	341.9	322.9
-37.5°	235.3	249.1	260.6	269.6	278.4	286.7	297.9	308.9	320.7	336.6	348.2
-40°	209.5	231.0	244.1	255.5	262.8	269.1	276.8	284.5	296.8	311.0	323.5
-42.5°	179.7	201.1	222.4	236.3	246.9	253.9	258.9	263.8	279.5	293.3	304.6
-45°	152.9	171.3	188.6	207.3	223.8	232.4	239.2	248.6	263.6	277.9	289.5
-47.5°	132.0	145.3	160.3	174.4	185.9	198.9	210.6	225.7	240.3	254.9	267.4
-50°	115.0	125.0	136.8	146.7	155.2	163.6	171.1	185.8	202.2	217.9	233.0
-52.5°	101.6	109.7	117.7	123.8	129.7	134.9	140.2	152.6	164.7	176.2	190.5
-55°	90.3	96.7	102.7	106.0	109.2	111.9	116.8	126.4	135.5	144.1	158.8
-57.5°	80.0	85.2	89.6	91.3	92.6	93.6	98.6	106.1	113.2	120.6	134.8
-60°	69.1	74.7	77.7	78.5	79.0	79.2	84.8	91.3	97.3	104.6	117.8
-62.5°	57.3	62.5	64.9	65.9	66.6	66.7	73.7	80.2	86.2	95.2	109.4
-65°	46.3	50.3	51.9	52.8	53.2	54.9	63.5	71.3	78.3	92.7	115.0
-67.5°	37.7	39.4	40.3	40.9	41.4	45.1	55.2	64.5	73.1	91.6	120.8
-70°	29.9	30.7	31.3	31.9	32.3	36.6	46.1	56.0	66.3	76.5	87.4
-72.5°	22.4	23.1	23.7	24.1	24.4	28.0	34.6	41.7	49.2	53.8	57.2
-75°	15.5	16.3	16.9	17.3	17.5	20.0	23.6	27.4	31.3	33.4	34.8
-77.5°	9.7	10.4	10.9	11.2	11.5	13.1	15.1	17.2	19.4	20.6	21.5
-80°	5.5	5.9	6.2	6.5	6.7	7.4	8.3	9.2	10.2	10.5	10.8
-82.5°	3.0	3.1	3.3	3.4	3.5	3.6	3.7	3.8	3.9	3.9	4.0
-85°	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0
-87.5°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0
-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: P558721 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-927-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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
82.5°	4.0	4.1	4.1	4.1	4.1	4.1	4.0	4.0	3.9	3.9	3.8
80°	11.0	11.1	10.7	10.2	10.7	11.1	11.0	10.8	10.5	10.2	9.2
77.5°	22.4	23.2	22.4	21.4	22.4	23.2	22.4	21.5	20.6	19.4	17.2
75°	36.1	37.3	36.7	35.7	36.7	37.3	36.1	34.8	33.4	31.3	27.4
72.5°	60.4	63.4	62.6	61.2	62.6	63.4	60.4	57.2	53.8	49.2	41.7
70°	98.8	110.4	110.0	107.1	110.0	110.4	98.8	87.4	76.5	66.3	56.0
67.5°	152.4	185.3	195.8	201.0	195.8	185.3	152.4	120.8	91.6	73.1	64.5
65°	135.7	155.6	163.5	169.3	163.5	155.6	135.7	115.0	92.7	78.3	71.3
62.5°	122.1	133.9	136.4	136.7	136.4	133.9	122.1	109.4	95.2	86.2	80.2
60°	130.7	143.2	145.1	142.8	145.1	143.2	130.7	117.8	104.6	97.3	91.3
57.5°	148.4	161.5	164.0	161.2	164.0	161.5	148.4	134.8	120.6	113.2	106.1
55°	173.0	186.2	190.6	189.7	190.6	186.2	173.0	158.8	144.1	135.5	126.4
52.5°	204.2	216.5	221.5	221.4	221.5	216.5	204.2	190.5	176.2	164.7	152.6
50°	246.1	257.0	262.4	263.2	262.4	257.0	246.1	233.0	217.9	202.2	185.8
47.5°	276.3	283.5	287.2	287.7	287.2	283.5	276.3	267.4	254.9	240.3	225.7
45°	294.7	298.6	301.5	304.0	301.5	298.6	294.7	289.5	277.9	263.6	248.6
42.5°	312.1	320.1	326.1	327.5	326.1	320.1	312.1	304.6	293.3	279.5	263.8
40°	335.4	346.5	357.2	368.3	357.2	346.5	335.4	323.5	311.0	296.8	284.5
37.5°	360.3	372.6	382.9	388.7	382.9	372.6	360.3	348.2	336.6	320.7	308.9
35°	309.6	301.5	296.7	294.8	296.7	301.5	309.6	322.9	341.9	354.9	340.6
32.5°	293.0	293.6	292.7	290.7	292.7	293.6	293.0	291.7	289.4	300.7	329.6
30°	330.9	336.3	337.0	336.6	337.0	336.3	330.9	319.6	304.3	296.4	292.4
27.5°	413.1	426.9	431.2	439.7	431.2	426.9	413.1	388.0	354.0	331.5	305.1
25°	521.5	542.3	552.3	556.0	552.3	542.3	521.5	489.8	448.7	401.8	351.5
22.5°	617.9	633.7	643.0	650.8	643.0	633.7	617.9	593.9	551.6	494.8	433.7
20°	732.0	761.0	774.3	775.3	774.3	761.0	732.0	682.6	640.2	589.4	521.2
17.5°	910.2	966.6	994.8	1002.8	994.8	966.6	910.2	830.4	755.7	668.0	603.7
15°	1191.4	1335.4	1409.5	1444.5	1409.5	1335.4	1191.4	1035.8	908.7	783.0	666.7
12.5°	1650.1	1974.8	2237.3	2336.1	2237.3	1974.8	1650.1	1366.9	1090.9	907.4	753.6
10°	2559.0	3528.4	4661.0	5189.3	4661.0	3528.4	2559.0	1805.5	1371.1	1033.9	830.9
7.5°	4950.6	11494.3	22277.8	27421.8	22277.8	11494.3	4950.6	2584.2	1659.3	1196.7	913.7
5°	10552.2	45540.2	81556.8	95795.4	81556.8	45540.2	10552.2	3595.8	2015.3	1356.2	973.9
2.5°	16807.5	74691.8	140931.5	164790.2	140931.5	74691.8	16807.5	4728.3	2346.1	1456.9	1017.3
0°	20081.5	78711.4	155514.8	179320.8	155514.8	78711.4	20081.5	4880.3	2468.2	1487.3	1030.3
-2.5°	16807.5	74691.8	140931.5	164790.2	140931.5	74691.8	16807.5	4728.3	2346.1	1456.9	1017.3
-5°	10552.2	45540.2	81556.8	95795.4	81556.8	45540.2	10552.2	3595.8	2015.3	1356.2	973.9
-7.5°	4950.6	11494.3	22277.8	27421.8	22277.8	11494.3	4950.6	2584.2	1659.3	1196.7	913.7
-10°	2559.0	3528.4	4661.0	5189.3	4661.0	3528.4	2559.0	1805.5	1371.1	1033.9	830.9
-12.5°	1650.1	1974.8	2237.3	2336.1	2237.3	1974.8	1650.1	1366.9	1090.9	907.4	753.6
-15°	1191.4	1335.4	1409.5	1444.5	1409.5	1335.4	1191.4	1035.8	908.7	783.0	666.7
-17.5°	910.2	966.6	994.8	1002.8	994.8	966.6	910.2	830.4	755.7	668.0	603.7
-20°	732.0	761.0	774.3	775.3	774.3	761.0	732.0	682.6	640.2	589.4	521.2



REPORT NUMBER: P558721 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-927-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°	617.9	633.7	643.0	650.8	643.0	633.7	617.9	593.9	551.6	494.8	433.7
-25°	521.5	542.3	552.3	556.0	552.3	542.3	521.5	489.8	448.7	401.8	351.5
-27.5°	413.1	426.9	431.2	439.7	431.2	426.9	413.1	388.0	354.0	331.5	305.1
-30°	330.9	336.3	337.0	336.6	337.0	336.3	330.9	319.6	304.3	296.4	292.4
-32.5°	293.0	293.6	292.7	290.7	292.7	293.6	293.0	291.7	289.4	300.7	329.6
-35°	309.6	301.5	296.7	294.8	296.7	301.5	309.6	322.9	341.9	354.9	340.6
-37.5°	360.3	372.6	382.9	388.7	382.9	372.6	360.3	348.2	336.6	320.7	308.9
-40°	335.4	346.5	357.2	368.3	357.2	346.5	335.4	323.5	311.0	296.8	284.5
-42.5°	312.1	320.1	326.1	327.5	326.1	320.1	312.1	304.6	293.3	279.5	263.8
-45°	294.7	298.6	301.5	304.0	301.5	298.6	294.7	289.5	277.9	263.6	248.6
-47.5°	276.3	283.5	287.2	287.7	287.2	283.5	276.3	267.4	254.9	240.3	225.7
-50°	246.1	257.0	262.4	263.2	262.4	257.0	246.1	233.0	217.9	202.2	185.8
-52.5°	204.2	216.5	221.5	221.4	221.5	216.5	204.2	190.5	176.2	164.7	152.6
-55°	173.0	186.2	190.6	189.7	190.6	186.2	173.0	158.8	144.1	135.5	126.4
-57.5°	148.4	161.5	164.0	161.2	164.0	161.5	148.4	134.8	120.6	113.2	106.1
-60°	130.7	143.2	145.1	142.8	145.1	143.2	130.7	117.8	104.6	97.3	91.3
-62.5°	122.1	133.9	136.4	136.7	136.4	133.9	122.1	109.4	95.2	86.2	80.2
-65°	135.7	155.6	163.5	169.3	163.5	155.6	135.7	115.0	92.7	78.3	71.3
-67.5°	152.4	185.3	195.8	201.0	195.8	185.3	152.4	120.8	91.6	73.1	64.5
-70°	98.8	110.4	110.0	107.1	110.0	110.4	98.8	87.4	76.5	66.3	56.0
-72.5°	60.4	63.4	62.6	61.2	62.6	63.4	60.4	57.2	53.8	49.2	41.7
-75°	36.1	37.3	36.7	35.7	36.7	37.3	36.1	34.8	33.4	31.3	27.4
-77.5°	22.4	23.2	22.4	21.4	22.4	23.2	22.4	21.5	20.6	19.4	17.2
-80°	11.0	11.1	10.7	10.2	10.7	11.1	11.0	10.8	10.5	10.2	9.2
-82.5°	4.0	4.1	4.1	4.1	4.1	4.1	4.0	4.0	3.9	3.9	3.8
-85°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
-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: P558721 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-927-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°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
82.5°	3.7	3.6	3.5	3.4	3.3	3.1	3.0	2.8	2.6	2.4	2.2
80°	8.3	7.4	6.7	6.5	6.2	5.9	5.5	4.9	4.4	4.0	3.7
77.5°	15.1	13.1	11.5	11.2	10.9	10.4	9.7	8.7	7.8	7.0	6.3
75°	23.6	20.0	17.5	17.3	16.9	16.3	15.5	14.1	12.7	11.2	9.8
72.5°	34.6	28.0	24.4	24.1	23.7	23.1	22.4	21.2	19.4	17.0	14.8
70°	46.1	36.6	32.3	31.9	31.3	30.7	29.9	29.0	28.0	26.3	22.9
67.5°	55.2	45.1	41.4	40.9	40.3	39.4	37.7	36.2	34.9	33.6	30.2
65°	63.5	54.9	53.2	52.8	51.9	50.3	46.3	43.4	41.3	39.5	35.9
62.5°	73.7	66.7	66.6	65.9	64.9	62.5	57.3	52.6	48.3	44.6	41.5
60°	84.8	79.2	79.0	78.5	77.7	74.7	69.1	63.1	56.6	52.4	48.3
57.5°	98.6	93.6	92.6	91.3	89.6	85.2	80.0	74.5	67.9	62.0	56.2
55°	116.8	111.9	109.2	106.0	102.7	96.7	90.3	84.0	78.2	72.8	66.2
52.5°	140.2	134.9	129.7	123.8	117.7	109.7	101.6	94.4	87.8	82.0	75.8
50°	171.1	163.6	155.2	146.7	136.8	125.0	115.0	105.9	98.5	91.5	84.6
47.5°	210.6	198.9	185.9	174.4	160.3	145.3	132.0	119.2	110.7	101.5	93.8
45°	239.2	232.4	223.8	207.3	188.6	171.3	152.9	138.2	124.6	113.8	102.9
42.5°	258.9	253.9	246.9	236.3	222.4	201.1	179.7	160.3	142.7	127.6	113.8
40°	276.8	269.1	262.8	255.5	244.1	231.0	209.5	185.1	163.8	144.2	124.8
37.5°	297.9	286.7	278.4	269.6	260.6	249.1	235.3	213.5	186.3	161.7	138.3
35°	324.3	310.3	297.6	286.3	275.0	263.3	251.2	236.8	211.9	180.7	152.8
32.5°	357.8	340.2	322.9	307.3	289.9	275.8	263.3	250.5	233.9	202.3	170.0
30°	305.9	344.4	352.2	330.5	307.8	288.3	273.9	261.1	245.7	224.1	187.4
27.5°	297.3	295.1	337.7	354.8	326.9	303.2	285.2	270.4	256.6	237.6	207.3
25°	321.6	301.9	297.8	336.9	349.7	320.3	298.6	280.9	264.9	248.9	230.8
22.5°	369.1	329.0	303.2	297.9	346.2	342.3	314.7	291.9	274.5	264.3	247.2
20°	447.0	372.6	326.4	303.7	313.9	363.0	331.0	306.8	290.9	278.6	262.3
17.5°	525.0	441.2	361.5	315.6	304.7	339.4	350.7	324.9	305.1	293.3	277.3
15°	596.1	505.0	415.3	346.2	310.3	316.7	367.9	341.7	318.5	306.9	289.7
12.5°	641.8	561.3	464.3	373.4	320.3	308.7	358.0	356.5	332.6	314.8	297.7
10°	684.4	600.7	506.2	411.1	341.5	313.2	343.4	368.8	343.8	321.2	304.1
7.5°	736.0	624.5	537.4	440.1	355.6	315.2	332.1	379.9	354.1	327.6	309.1
5°	767.9	640.9	555.9	456.9	362.0	315.1	323.6	389.8	363.3	333.8	312.9
2.5°	787.8	650.1	564.9	465.9	363.8	313.4	319.8	398.9	372.3	337.4	313.9
0°	790.6	648.8	570.2	469.3	363.2	310.1	322.4	407.0	380.5	339.7	314.2
-2.5°	787.8	650.1	564.9	465.9	363.8	313.4	319.8	398.9	372.3	337.4	313.9
-5°	767.9	640.9	555.9	456.9	362.0	315.1	323.6	389.8	363.3	333.8	312.9
-7.5°	736.0	624.5	537.4	440.1	355.6	315.2	332.1	379.9	354.1	327.6	309.1
-10°	684.4	600.7	506.2	411.1	341.5	313.2	343.4	368.8	343.8	321.2	304.1
-12.5°	641.8	561.3	464.3	373.4	320.3	308.7	358.0	356.5	332.6	314.8	297.7
-15°	596.1	505.0	415.3	346.2	310.3	316.7	367.9	341.7	318.5	306.9	289.7
-17.5°	525.0	441.2	361.5	315.6	304.7	339.4	350.7	324.9	305.1	293.3	277.3
-20°	447.0	372.6	326.4	303.7	313.9	363.0	331.0	306.8	290.9	278.6	262.3



REPORT NUMBER: P558721 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	369.1	329.0	303.2	297.9	346.2	342.3	314.7	291.9	274.5	264.3	247.2
-25°	321.6	301.9	297.8	336.9	349.7	320.3	298.6	280.9	264.9	248.9	230.8
-27.5°	297.3	295.1	337.7	354.8	326.9	303.2	285.2	270.4	256.6	237.6	207.3
-30°	305.9	344.4	352.2	330.5	307.8	288.3	273.9	261.1	245.7	224.1	187.4
-32.5°	357.8	340.2	322.9	307.3	289.9	275.8	263.3	250.5	233.9	202.3	170.0
-35°	324.3	310.3	297.6	286.3	275.0	263.3	251.2	236.8	211.9	180.7	152.8
-37.5°	297.9	286.7	278.4	269.6	260.6	249.1	235.3	213.5	186.3	161.7	138.3
-40°	276.8	269.1	262.8	255.5	244.1	231.0	209.5	185.1	163.8	144.2	124.8
-42.5°	258.9	253.9	246.9	236.3	222.4	201.1	179.7	160.3	142.7	127.6	113.8
-45°	239.2	232.4	223.8	207.3	188.6	171.3	152.9	138.2	124.6	113.8	102.9
-47.5°	210.6	198.9	185.9	174.4	160.3	145.3	132.0	119.2	110.7	101.5	93.8
-50°	171.1	163.6	155.2	146.7	136.8	125.0	115.0	105.9	98.5	91.5	84.6
-52.5°	140.2	134.9	129.7	123.8	117.7	109.7	101.6	94.4	87.8	82.0	75.8
-55°	116.8	111.9	109.2	106.0	102.7	96.7	90.3	84.0	78.2	72.8	66.2
-57.5°	98.6	93.6	92.6	91.3	89.6	85.2	80.0	74.5	67.9	62.0	56.2
-60°	84.8	79.2	79.0	78.5	77.7	74.7	69.1	63.1	56.6	52.4	48.3
-62.5°	73.7	66.7	66.6	65.9	64.9	62.5	57.3	52.6	48.3	44.6	41.5
-65°	63.5	54.9	53.2	52.8	51.9	50.3	46.3	43.4	41.3	39.5	35.9
-67.5°	55.2	45.1	41.4	40.9	40.3	39.4	37.7	36.2	34.9	33.6	30.2
-70°	46.1	36.6	32.3	31.9	31.3	30.7	29.9	29.0	28.0	26.3	22.9
-72.5°	34.6	28.0	24.4	24.1	23.7	23.1	22.4	21.2	19.4	17.0	14.8
-75°	23.6	20.0	17.5	17.3	16.9	16.3	15.5	14.1	12.7	11.2	9.8
-77.5°	15.1	13.1	11.5	11.2	10.9	10.4	9.7	8.7	7.8	7.0	6.3
-80°	8.3	7.4	6.7	6.5	6.2	5.9	5.5	4.9	4.4	4.0	3.7
-82.5°	3.7	3.6	3.5	3.4	3.3	3.1	3.0	2.8	2.6	2.4	2.2
-85°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
-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: P558721 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-927-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	0.8	0.8	0.7	0.6
85°	1.4	1.3	1.2	1.2	1.3	1.5	1.6	1.7	1.5	1.4	1.2
82.5°	2.0	1.9	1.8	1.7	1.7	1.8	1.9	2.0	2.0	2.0	1.8
80°	3.5	3.2	2.9	2.6	2.3	2.0	2.0	2.0	2.0	2.0	2.0
77.5°	5.7	5.0	4.2	3.8	3.4	3.0	2.6	2.2	2.0	2.0	2.0
75°	8.7	8.0	7.2	6.2	5.0	4.0	3.6	3.1	2.7	2.1	2.0
72.5°	13.5	12.1	10.6	8.9	7.5	6.2	4.9	4.0	3.6	3.0	2.2
70°	19.6	16.8	14.9	12.7	10.4	8.3	6.8	5.6	4.5	3.9	3.1
67.5°	26.6	22.7	19.5	16.5	13.7	11.2	8.7	7.4	6.2	4.8	3.9
65°	31.9	28.0	24.1	20.6	17.2	14.1	11.3	9.4	7.8	6.3	4.8
62.5°	37.5	32.7	28.6	24.7	20.9	17.2	13.9	12.0	9.7	7.9	6.0
60°	43.8	39.0	33.2	28.8	24.5	20.4	17.1	14.7	12.2	9.4	7.4
57.5°	51.4	46.0	39.4	33.2	28.2	23.6	20.4	17.8	14.8	11.6	8.8
55°	59.6	53.2	45.4	38.4	32.2	27.0	24.1	21.1	17.5	14.0	10.3
52.5°	68.9	60.4	51.7	43.5	36.4	30.9	28.3	24.5	20.7	16.4	12.6
50°	77.6	68.0	58.0	48.9	40.4	36.0	32.7	28.6	23.9	19.0	15.1
47.5°	84.9	74.9	64.7	54.4	45.2	41.5	37.7	32.9	27.1	21.9	17.6
45°	92.2	81.2	70.8	60.2	51.6	47.6	43.3	37.3	31.2	25.4	20.3
42.5°	99.6	87.7	76.2	65.6	59.0	53.9	49.1	42.6	35.3	29.0	23.3
40°	108.9	94.4	81.6	72.2	66.2	60.1	54.9	48.1	39.6	33.0	26.5
37.5°	117.9	102.0	87.6	79.2	73.0	66.5	60.4	53.9	45.1	37.6	29.9
35°	129.6	109.9	96.0	86.6	79.3	72.6	65.9	59.5	51.4	42.2	33.3
32.5°	140.9	119.9	105.6	94.1	85.2	78.4	71.3	66.5	58.0	46.8	36.7
30°	156.0	133.2	115.0	101.1	91.2	83.7	77.9	74.4	64.7	51.5	40.3
27.5°	174.7	146.3	124.7	109.0	97.3	89.0	86.9	83.1	71.7	56.6	44.2
25°	193.6	161.8	136.3	116.9	103.1	97.9	95.7	92.5	79.0	62.3	48.0
22.5°	214.6	177.6	147.5	124.4	113.0	106.4	104.1	100.4	86.6	68.1	51.7
20°	234.9	192.5	159.0	136.9	123.7	115.5	112.0	108.3	94.6	73.8	55.4
17.5°	253.4	209.3	175.3	150.6	134.5	124.5	119.6	116.0	102.8	79.4	58.9
15°	265.7	227.3	190.4	163.3	144.9	133.2	127.0	123.5	111.0	84.8	61.4
12.5°	276.2	243.0	204.0	175.2	154.8	141.7	134.1	130.9	119.3	88.4	62.8
10°	284.9	256.5	216.2	186.3	164.3	149.9	141.1	136.1	122.5	90.1	63.9
7.5°	292.1	267.9	227.0	196.4	172.0	154.1	142.1	137.0	124.4	91.5	64.9
5°	297.2	274.7	232.1	199.0	172.6	153.8	142.1	137.8	125.7	92.3	65.7
2.5°	297.9	275.3	233.4	199.9	172.8	153.0	142.0	138.3	126.4	92.8	66.1
0°	297.9	274.4	233.6	199.9	172.4	152.0	141.8	138.7	126.5	92.8	66.3
-2.5°	297.9	275.3	233.4	199.9	172.8	153.0	142.0	138.3	126.4	92.8	66.1
-5°	297.2	274.7	232.1	199.0	172.6	153.8	142.1	137.8	125.7	92.3	65.7
-7.5°	292.1	267.9	227.0	196.4	172.0	154.1	142.1	137.0	124.4	91.5	64.9
-10°	284.9	256.5	216.2	186.3	164.3	149.9	141.1	136.1	122.5	90.1	63.9
-12.5°	276.2	243.0	204.0	175.2	154.8	141.7	134.1	130.9	119.3	88.4	62.8
-15°	265.7	227.3	190.4	163.3	144.9	133.2	127.0	123.5	111.0	84.8	61.4
-17.5°	253.4	209.3	175.3	150.6	134.5	124.5	119.6	116.0	102.8	79.4	58.9
-20°	234.9	192.5	159.0	136.9	123.7	115.5	112.0	108.3	94.6	73.8	55.4



REPORT NUMBER: P558721 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-927-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°	214.6	177.6	147.5	124.4	113.0	106.4	104.1	100.4	86.6	68.1	51.7
-25°	193.6	161.8	136.3	116.9	103.1	97.9	95.7	92.5	79.0	62.3	48.0
-27.5°	174.7	146.3	124.7	109.0	97.3	89.0	86.9	83.1	71.7	56.6	44.2
-30°	156.0	133.2	115.0	101.1	91.2	83.7	77.9	74.4	64.7	51.5	40.3
-32.5°	140.9	119.9	105.6	94.1	85.2	78.4	71.3	66.5	58.0	46.8	36.7
-35°	129.6	109.9	96.0	86.6	79.3	72.6	65.9	59.5	51.4	42.2	33.3
-37.5°	117.9	102.0	87.6	79.2	73.0	66.5	60.4	53.9	45.1	37.6	29.9
-40°	108.9	94.4	81.6	72.2	66.2	60.1	54.9	48.1	39.6	33.0	26.5
-42.5°	99.6	87.7	76.2	65.6	59.0	53.9	49.1	42.6	35.3	29.0	23.3
-45°	92.2	81.2	70.8	60.2	51.6	47.6	43.3	37.3	31.2	25.4	20.3
-47.5°	84.9	74.9	64.7	54.4	45.2	41.5	37.7	32.9	27.1	21.9	17.6
-50°	77.6	68.0	58.0	48.9	40.4	36.0	32.7	28.6	23.9	19.0	15.1
-52.5°	68.9	60.4	51.7	43.5	36.4	30.9	28.3	24.5	20.7	16.4	12.6
-55°	59.6	53.2	45.4	38.4	32.2	27.0	24.1	21.1	17.5	14.0	10.3
-57.5°	51.4	46.0	39.4	33.2	28.2	23.6	20.4	17.8	14.8	11.6	8.8
-60°	43.8	39.0	33.2	28.8	24.5	20.4	17.1	14.7	12.2	9.4	7.4
-62.5°	37.5	32.7	28.6	24.7	20.9	17.2	13.9	12.0	9.7	7.9	6.0
-65°	31.9	28.0	24.1	20.6	17.2	14.1	11.3	9.4	7.8	6.3	4.8
-67.5°	26.6	22.7	19.5	16.5	13.7	11.2	8.7	7.4	6.2	4.8	3.9
-70°	19.6	16.8	14.9	12.7	10.4	8.3	6.8	5.6	4.5	3.9	3.1
-72.5°	13.5	12.1	10.6	8.9	7.5	6.2	4.9	4.0	3.6	3.0	2.2
-75°	8.7	8.0	7.2	6.2	5.0	4.0	3.6	3.1	2.7	2.1	2.0
-77.5°	5.7	5.0	4.2	3.8	3.4	3.0	2.6	2.2	2.0	2.0	2.0
-80°	3.5	3.2	2.9	2.6	2.3	2.0	2.0	2.0	2.0	2.0	2.0
-82.5°	2.0	1.9	1.8	1.7	1.7	1.8	1.9	2.0	2.0	2.0	1.8
-85°	1.4	1.3	1.2	1.2	1.3	1.5	1.6	1.7	1.5	1.4	1.2
-87.5°	0.7	0.6	0.6	0.6	0.7	0.8	0.8	0.8	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	0.4	0.3	0.3	0.2	0.1	0.0
85°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
82.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
80°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
77.5°	2.0	2.0	1.7	1.3	0.9	0.4	0.0
75°	2.0	2.0	2.0	1.5	1.0	0.5	0.0
72.5°	2.0	2.0	2.0	1.8	1.2	0.6	0.0
70°	2.1	2.0	2.0	2.0	1.4	0.7	0.0
67.5°	2.9	2.0	2.0	2.0	1.5	0.8	0.0
65°	3.7	2.3	2.0	2.0	1.7	0.8	0.0
62.5°	4.4	3.0	2.0	2.0	1.8	0.9	0.0
60°	5.2	3.7	2.0	2.0	2.0	1.0	0.0
57.5°	6.5	4.4	2.5	2.0	2.0	1.1	0.0
55°	7.9	5.0	3.1	2.0	2.0	1.1	0.0
52.5°	9.4	5.8	3.6	2.0	2.0	1.2	0.0
50°	10.8	7.1	4.2	2.0	2.1	1.3	0.0
47.5°	12.4	8.4	4.7	2.1	2.1	1.4	0.0
45°	14.7	9.7	5.2	2.5	2.1	1.4	0.0
42.5°	17.1	11.0	5.7	2.9	2.2	1.5	0.0
40°	19.4	12.3	6.4	3.2	2.2	1.5	0.0
37.5°	21.8	13.6	7.5	3.6	2.3	1.6	0.0
35°	24.2	15.3	8.4	3.9	2.3	1.6	0.0
32.5°	26.7	17.1	9.4	4.2	2.3	1.7	0.0
30°	29.4	19.0	10.3	4.4	2.4	1.7	0.0
27.5°	32.2	20.8	10.9	4.6	2.5	1.8	0.0
25°	34.9	22.5	11.4	4.8	2.5	1.8	0.0
22.5°	37.6	23.9	11.8	4.9	2.6	1.8	0.0
20°	40.1	24.4	12.0	5.1	2.6	1.9	0.0
17.5°	41.5	24.7	12.2	5.1	2.7	1.9	0.0
15°	42.0	24.8	12.3	5.2	2.8	1.9	0.0
12.5°	42.3	24.8	12.3	5.2	2.8	2.0	0.0
10°	42.4	24.6	12.2	5.2	2.9	2.0	0.0
7.5°	42.3	24.3	12.0	5.2	2.9	2.0	0.0
5°	42.0	23.8	11.8	5.2	3.0	2.0	0.0
2.5°	41.5	23.1	11.5	5.2	3.0	2.0	0.0
0°	40.8	22.4	11.2	5.1	3.1	2.0	0.0
-2.5°	41.5	23.1	11.5	5.2	3.0	2.0	0.0
-5°	42.0	23.8	11.8	5.2	3.0	2.0	0.0
-7.5°	42.3	24.3	12.0	5.2	2.9	2.0	0.0
-10°	42.4	24.6	12.2	5.2	2.9	2.0	0.0
-12.5°	42.3	24.8	12.3	5.2	2.8	2.0	0.0
-15°	42.0	24.8	12.3	5.2	2.8	1.9	0.0
-17.5°	41.5	24.7	12.2	5.1	2.7	1.9	0.0
-20°	40.1	24.4	12.0	5.1	2.6	1.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	37.6	23.9	11.8	4.9	2.6	1.8	0.0
-25°	34.9	22.5	11.4	4.8	2.5	1.8	0.0
-27.5°	32.2	20.8	10.9	4.6	2.5	1.8	0.0
-30°	29.4	19.0	10.3	4.4	2.4	1.7	0.0
-32.5°	26.7	17.1	9.4	4.2	2.3	1.7	0.0
-35°	24.2	15.3	8.4	3.9	2.3	1.6	0.0
-37.5°	21.8	13.6	7.5	3.6	2.3	1.6	0.0
-40°	19.4	12.3	6.4	3.2	2.2	1.5	0.0
-42.5°	17.1	11.0	5.7	2.9	2.2	1.5	0.0
-45°	14.7	9.7	5.2	2.5	2.1	1.4	0.0
-47.5°	12.4	8.4	4.7	2.1	2.1	1.4	0.0
-50°	10.8	7.1	4.2	2.0	2.1	1.3	0.0
-52.5°	9.4	5.8	3.6	2.0	2.0	1.2	0.0
-55°	7.9	5.0	3.1	2.0	2.0	1.1	0.0
-57.5°	6.5	4.4	2.5	2.0	2.0	1.1	0.0
-60°	5.2	3.7	2.0	2.0	2.0	1.0	0.0
-62.5°	4.4	3.0	2.0	2.0	1.8	0.9	0.0
-65°	3.7	2.3	2.0	2.0	1.7	0.8	0.0
-67.5°	2.9	2.0	2.0	2.0	1.5	0.8	0.0
-70°	2.1	2.0	2.0	2.0	1.4	0.7	0.0
-72.5°	2.0	2.0	2.0	1.8	1.2	0.6	0.0
-75°	2.0	2.0	2.0	1.5	1.0	0.5	0.0
-77.5°	2.0	2.0	1.7	1.3	0.9	0.4	0.0
-80°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
-82.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
-85°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
-87.5°	0.5	0.4	0.3	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)