

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: P558769 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-935-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558769 (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-SA3B-935-U-TSB-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, TIGHT SPOT BAFFLE N1
Light Source: (48) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

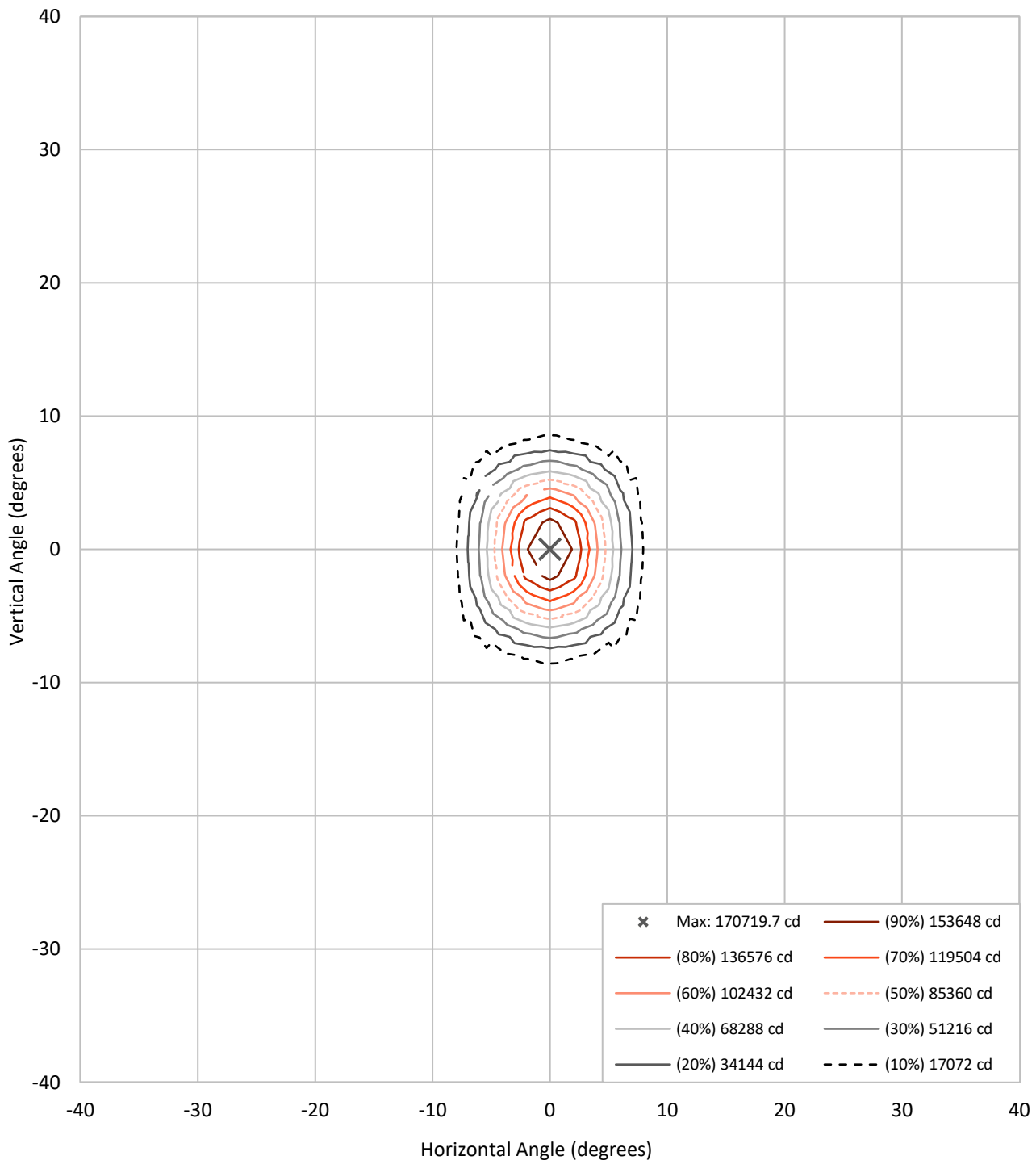
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	6648.2 lumens	Max Intensity:	170719.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	73.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	2849.5 lumens	Field Lumens:	4911.1 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 91
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





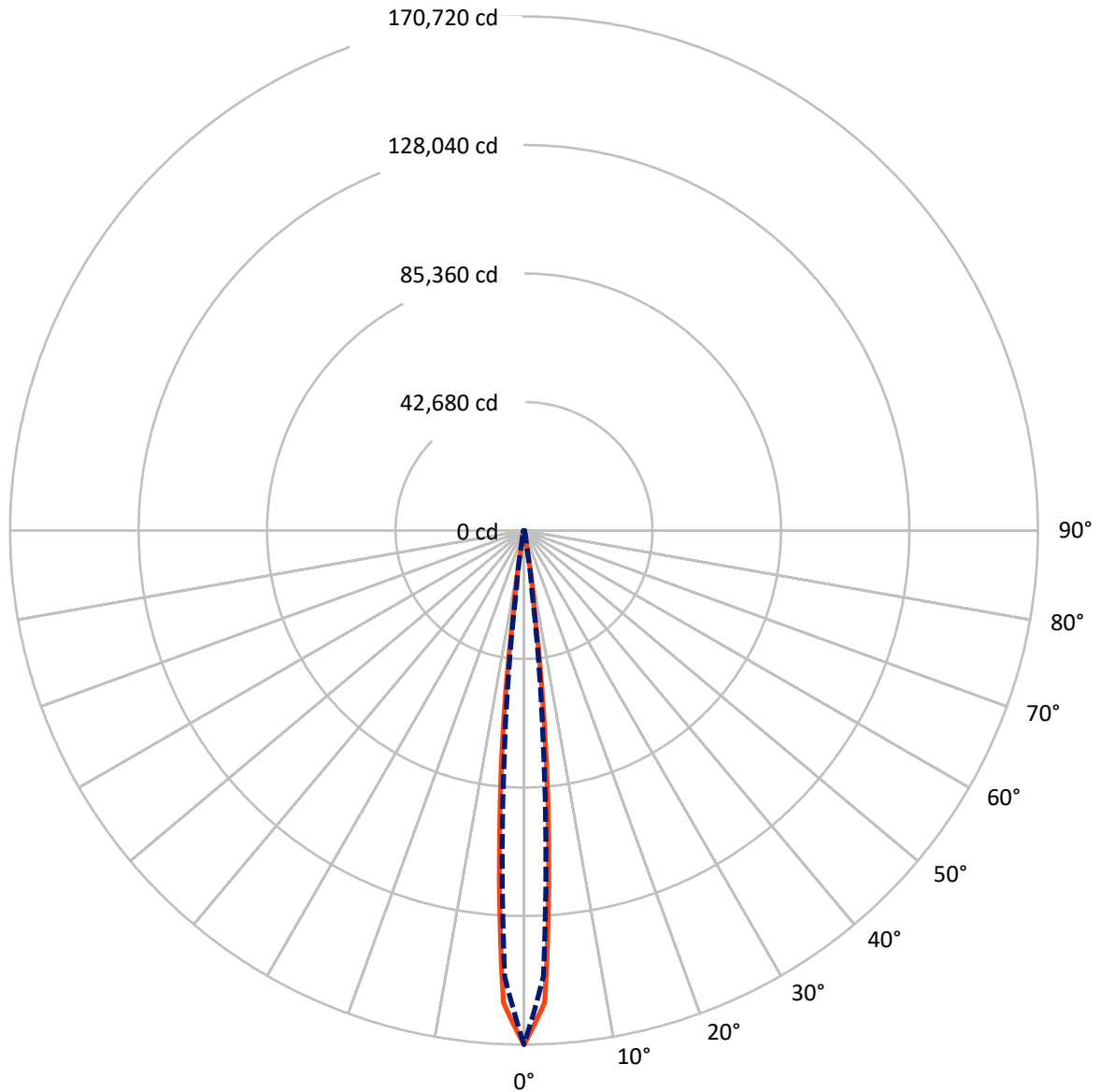
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Lumen Table

90	0.0	0.2	0.7	1.6	2.7	1.6	0.7	0.2	0.0							
80	0.0	0.2	0.7	1.6	2.7	1.6	0.7	0.2	0.0							
70	0.1	0.1	0.3	0.7	1.1	1.5	2.3	4.1	4.1	2.3	1.5	1.1	0.7	0.3	0.1	0.1
60		0.3	0.7	1.4	2.2	2.9	4.0	5.4	5.4	4.0	2.9	2.2	1.4	0.7	0.3	
50	0.3	0.5	1.0	2.1	3.8	5.6	7.2	8.6	8.6	7.2	5.6	3.8	2.1	1.0	0.5	0.3
40		0.7	1.5	3.2	5.8	7.9	8.9	9.4	9.4	8.9	7.9	5.8	3.2	1.5	0.7	
30	0.7	1.1	2.1	4.6	7.2	8.6	11.7	15.3	15.3	11.7	8.6	7.2	4.6	2.1	1.1	0.7
20		1.4	2.8	5.8	7.9	11.3	22.8	45.7	45.7	22.8	11.3	7.9	5.8	2.8	1.4	
10	0.8	1.6	3.4	6.5	8.2	14.5	45.2	1335.7	1335.7	45.2	14.5	8.2	6.5	3.4	1.6	0.8
0		1.6	3.4	6.5	8.2	14.5	45.2	1335.7	1335.7	45.2	14.5	8.2	6.5	3.4	1.6	
-10	0.7	1.4	2.8	5.8	7.9	11.3	22.8	45.7	45.7	22.8	11.3	7.9	5.8	2.8	1.4	0.7
-20		1.1	2.1	4.6	7.2	8.6	11.7	15.3	15.3	11.7	8.6	7.2	4.6	2.1	1.1	
-30	0.3	0.7	1.5	3.2	5.8	7.9	8.9	9.4	9.4	8.9	7.9	5.8	3.2	1.5	0.7	0.3
-40		0.5	1.0	2.1	3.8	5.6	7.2	8.6	8.6	7.2	5.6	3.8	2.1	1.0	0.5	
-50	0.1	0.3	0.7	1.4	2.2	2.9	4.0	5.4	5.4	4.0	2.9	2.2	1.4	0.7	0.3	0.1
-60		0.1	0.3	0.7	1.1	1.5	2.3	4.1	4.1	2.3	1.5	1.1	0.7	0.3	0.1	
-70	0.0	0.2	0.7	1.6	2.7	1.6	0.7	0.2	0.0							
-80		0.2	0.7	1.6	2.7	1.6	0.7	0.2	0.0							
-90	0.0	0.2	0.7	1.6	2.7	1.6	0.7	0.2	0.0							

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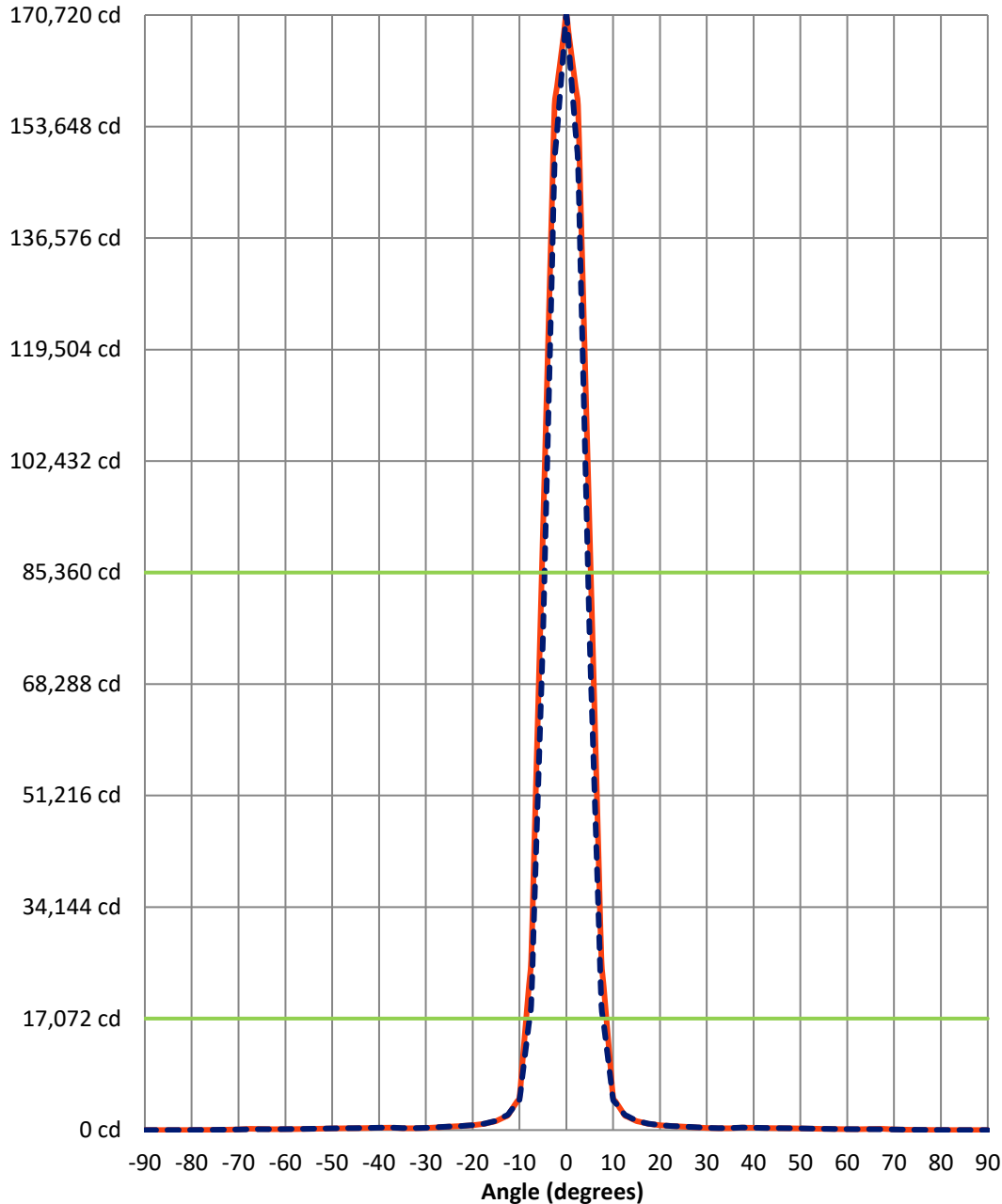
Luminous Intensity Polar Plot



— 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: 2849.5
 Efficiency: 42.9%

Field:
 H Angle: 15.7°
 V Angle: 17.1°
 Lumens: 4911.1
 Efficiency: 73.9%

Spill:
 Lumens: 1737
 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	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.8
85°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.3	1.5	1.6
82.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	1.9	1.9	1.9
80°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	1.9	1.9	1.9	1.9
77.5°	0.0	0.4	0.8	1.2	1.6	1.9	1.9	1.9	1.9	1.9	2.1
75°	0.0	0.5	1.0	1.5	1.9	1.9	1.9	1.9	2.0	2.5	3.0
72.5°	0.0	0.6	1.1	1.7	1.9	1.9	1.9	2.1	2.8	3.4	3.8
70°	0.0	0.6	1.3	1.9	1.9	1.9	2.0	2.9	3.7	4.3	5.3
67.5°	0.0	0.7	1.5	1.9	1.9	1.9	2.7	3.7	4.6	5.9	7.0
65°	0.0	0.8	1.6	1.9	1.9	2.2	3.5	4.6	6.0	7.4	8.9
62.5°	0.0	0.9	1.8	1.9	1.9	2.9	4.2	5.8	7.5	9.2	11.4
60°	0.0	0.9	1.9	1.9	1.9	3.5	5.0	7.1	8.9	11.6	14.0
57.5°	0.0	1.0	1.9	1.9	2.4	4.2	6.2	8.4	11.0	14.1	16.9
55°	0.0	1.1	1.9	1.9	2.9	4.8	7.6	9.8	13.3	16.7	20.1
52.5°	0.0	1.2	1.9	1.9	3.5	5.5	8.9	12.0	15.6	19.7	23.3
50°	0.0	1.2	2.0	1.9	4.0	6.8	10.3	14.3	18.0	22.7	27.2
47.5°	0.0	1.3	2.0	2.0	4.5	8.0	11.9	16.8	20.8	25.8	31.3
45°	0.0	1.3	2.0	2.4	4.9	9.2	14.0	19.3	24.1	29.6	35.5
42.5°	0.0	1.4	2.1	2.7	5.4	10.5	16.2	22.1	27.6	33.6	40.6
40°	0.0	1.5	2.1	3.1	6.1	11.7	18.5	25.3	31.4	37.7	45.9
37.5°	0.0	1.5	2.1	3.4	7.1	12.9	20.7	28.4	35.8	42.9	51.4
35°	0.0	1.6	2.2	3.7	8.0	14.5	23.0	31.7	40.2	48.9	56.7
32.5°	0.0	1.6	2.2	4.0	8.9	16.3	25.4	35.0	44.6	55.2	63.3
30°	0.0	1.6	2.3	4.2	9.8	18.1	28.0	38.4	49.1	61.7	70.8
27.5°	0.0	1.7	2.3	4.4	10.4	19.8	30.7	42.1	53.9	68.3	79.1
25°	0.0	1.7	2.4	4.6	10.9	21.5	33.3	45.7	59.3	75.2	88.0
22.5°	0.0	1.8	2.4	4.7	11.2	22.8	35.8	49.2	64.8	82.4	95.6
20°	0.0	1.8	2.5	4.8	11.5	23.3	38.2	52.7	70.2	90.0	103.1
17.5°	0.0	1.8	2.5	4.9	11.6	23.6	39.5	56.1	75.5	97.8	110.4
15°	0.0	1.8	2.6	5.0	11.7	23.7	40.0	58.5	80.7	105.7	117.6
12.5°	0.0	1.9	2.6	5.0	11.7	23.7	40.3	59.7	84.1	113.6	124.6
10°	0.0	1.9	2.7	5.0	11.6	23.5	40.4	60.8	85.8	116.6	129.6
7.5°	0.0	1.9	2.8	5.0	11.5	23.1	40.3	61.8	87.1	118.4	130.5
5°	0.0	1.9	2.8	5.0	11.3	22.7	40.0	62.5	87.9	119.7	131.2
2.5°	0.0	1.9	2.9	5.0	11.0	22.1	39.5	62.9	88.4	120.3	131.8
0°	0.0	1.9	2.9	4.9	10.7	21.4	38.8	63.1	88.4	120.4	132.1
-2.5°	0.0	1.9	2.9	5.0	11.0	22.1	39.5	62.9	88.4	120.3	131.8
-5°	0.0	1.9	2.8	5.0	11.3	22.7	40.0	62.5	87.9	119.7	131.2
-7.5°	0.0	1.9	2.8	5.0	11.5	23.1	40.3	61.8	87.1	118.4	130.5
-10°	0.0	1.9	2.7	5.0	11.6	23.5	40.4	60.8	85.8	116.6	129.6
-12.5°	0.0	1.9	2.6	5.0	11.7	23.7	40.3	59.7	84.1	113.6	124.6
-15°	0.0	1.8	2.6	5.0	11.7	23.7	40.0	58.5	80.7	105.7	117.6
-17.5°	0.0	1.8	2.5	4.9	11.6	23.6	39.5	56.1	75.5	97.8	110.4
-20°	0.0	1.8	2.5	4.8	11.5	23.3	38.2	52.7	70.2	90.0	103.1



REPORT NUMBER: P558769 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-935-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	2.4	4.7	11.2	22.8	35.8	49.2	64.8	82.4	95.6
-25°	0.0	1.7	2.4	4.6	10.9	21.5	33.3	45.7	59.3	75.2	88.0
-27.5°	0.0	1.7	2.3	4.4	10.4	19.8	30.7	42.1	53.9	68.3	79.1
-30°	0.0	1.6	2.3	4.2	9.8	18.1	28.0	38.4	49.1	61.7	70.8
-32.5°	0.0	1.6	2.2	4.0	8.9	16.3	25.4	35.0	44.6	55.2	63.3
-35°	0.0	1.6	2.2	3.7	8.0	14.5	23.0	31.7	40.2	48.9	56.7
-37.5°	0.0	1.5	2.1	3.4	7.1	12.9	20.7	28.4	35.8	42.9	51.4
-40°	0.0	1.5	2.1	3.1	6.1	11.7	18.5	25.3	31.4	37.7	45.9
-42.5°	0.0	1.4	2.1	2.7	5.4	10.5	16.2	22.1	27.6	33.6	40.6
-45°	0.0	1.3	2.0	2.4	4.9	9.2	14.0	19.3	24.1	29.6	35.5
-47.5°	0.0	1.3	2.0	2.0	4.5	8.0	11.9	16.8	20.8	25.8	31.3
-50°	0.0	1.2	2.0	1.9	4.0	6.8	10.3	14.3	18.0	22.7	27.2
-52.5°	0.0	1.2	1.9	1.9	3.5	5.5	8.9	12.0	15.6	19.7	23.3
-55°	0.0	1.1	1.9	1.9	2.9	4.8	7.6	9.8	13.3	16.7	20.1
-57.5°	0.0	1.0	1.9	1.9	2.4	4.2	6.2	8.4	11.0	14.1	16.9
-60°	0.0	0.9	1.9	1.9	1.9	3.5	5.0	7.1	8.9	11.6	14.0
-62.5°	0.0	0.9	1.8	1.9	1.9	2.9	4.2	5.8	7.5	9.2	11.4
-65°	0.0	0.8	1.6	1.9	1.9	2.2	3.5	4.6	6.0	7.4	8.9
-67.5°	0.0	0.7	1.5	1.9	1.9	1.9	2.7	3.7	4.6	5.9	7.0
-70°	0.0	0.6	1.3	1.9	1.9	1.9	2.0	2.9	3.7	4.3	5.3
-72.5°	0.0	0.6	1.1	1.7	1.9	1.9	1.9	2.1	2.8	3.4	3.8
-75°	0.0	0.5	1.0	1.5	1.9	1.9	1.9	1.9	2.0	2.5	3.0
-77.5°	0.0	0.4	0.8	1.2	1.6	1.9	1.9	1.9	1.9	1.9	2.1
-80°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	1.9	1.9	1.9	1.9
-82.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	1.9	1.9	1.9
-85°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.3	1.5	1.6
-87.5°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.6	0.7	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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 CATALOG NUMBER: GFLD-SA3B-935-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	0.7	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	1.1	1.2	1.3	1.3	1.4	1.4	1.5	1.5
82.5°	1.8	1.7	1.6	1.7	1.7	1.8	1.9	2.1	2.3	2.5	2.7
80°	1.9	1.9	2.2	2.5	2.8	3.0	3.3	3.5	3.8	4.1	4.7
77.5°	2.5	2.9	3.2	3.6	4.0	4.8	5.4	6.0	6.6	7.4	8.2
75°	3.4	3.8	4.8	5.9	6.8	7.6	8.3	9.4	10.7	12.1	13.4
72.5°	4.7	5.8	7.1	8.5	10.1	11.5	12.8	14.1	16.2	18.5	20.2
70°	6.4	7.9	9.8	12.0	14.1	16.0	18.6	21.8	25.0	26.6	27.5
67.5°	8.3	10.6	13.0	15.6	18.6	21.6	25.3	28.7	31.9	33.2	34.5
65°	10.7	13.4	16.4	19.6	23.0	26.6	30.4	34.2	37.6	39.3	41.3
62.5°	13.2	16.4	19.9	23.5	27.2	31.2	35.7	39.5	42.4	45.9	50.0
60°	16.3	19.4	23.3	27.4	31.7	37.1	41.7	45.9	49.9	53.9	60.1
57.5°	19.5	22.5	26.9	31.7	37.5	43.7	48.9	53.6	59.0	64.7	70.9
55°	22.9	25.7	30.6	36.5	43.2	50.7	56.8	63.1	69.4	74.5	80.0
52.5°	26.9	29.4	34.6	41.4	49.2	57.6	65.6	72.2	78.1	83.6	89.9
50°	31.1	34.3	38.5	46.6	55.3	64.7	73.9	80.5	87.2	93.7	100.7
47.5°	35.9	39.5	43.0	51.8	61.7	71.3	80.8	89.3	96.6	105.3	113.4
45°	41.2	45.4	49.2	57.3	67.5	77.3	87.8	98.0	108.3	118.6	131.6
42.5°	46.8	51.3	56.2	62.5	72.6	83.5	94.8	108.4	121.4	135.8	152.6
40°	52.3	57.2	63.1	68.8	77.7	89.9	103.6	118.9	137.3	155.9	176.2
37.5°	57.5	63.3	69.6	75.5	83.4	97.0	112.2	131.7	153.9	177.4	203.2
35°	62.7	69.2	75.5	82.4	91.3	104.6	123.4	145.4	172.0	201.7	225.4
32.5°	67.8	74.7	81.1	89.5	100.5	114.1	134.2	161.9	192.6	222.7	238.5
30°	74.2	79.7	86.7	96.2	109.5	126.8	148.6	178.4	213.3	233.9	248.6
27.5°	82.7	84.7	92.6	103.8	118.7	139.3	166.3	197.3	226.2	244.3	257.4
25°	91.1	93.1	98.1	111.3	129.8	154.1	184.4	219.7	236.9	252.2	267.4
22.5°	99.1	101.2	107.6	118.5	140.5	169.1	204.3	235.3	251.6	261.3	277.9
20°	106.6	110.0	117.7	130.4	151.4	183.3	223.7	249.7	265.2	276.9	292.1
17.5°	113.9	118.5	128.1	143.4	166.9	199.3	241.3	264.0	279.2	290.4	309.4
15°	120.9	126.8	138.0	155.5	181.3	216.4	253.0	275.8	292.1	303.2	325.3
12.5°	127.7	134.9	147.4	166.8	194.2	231.3	263.0	283.4	299.7	316.6	339.4
10°	134.3	142.7	156.4	177.3	205.8	244.2	271.3	289.5	305.8	327.3	351.1
7.5°	135.3	146.7	163.8	187.0	216.1	255.1	278.1	294.2	311.9	337.1	361.7
5°	135.3	146.4	164.4	189.5	221.0	261.5	282.9	297.8	317.9	345.9	371.1
2.5°	135.2	145.7	164.5	190.3	222.2	262.2	283.6	298.8	321.3	354.5	379.8
0°	135.0	144.7	164.1	190.4	222.4	261.3	283.6	299.1	323.4	362.3	387.5
-2.5°	135.2	145.7	164.5	190.3	222.2	262.2	283.6	298.8	321.3	354.5	379.8
-5°	135.3	146.4	164.4	189.5	221.0	261.5	282.9	297.8	317.9	345.9	371.1
-7.5°	135.3	146.7	163.8	187.0	216.1	255.1	278.1	294.2	311.9	337.1	361.7
-10°	134.3	142.7	156.4	177.3	205.8	244.2	271.3	289.5	305.8	327.3	351.1
-12.5°	127.7	134.9	147.4	166.8	194.2	231.3	263.0	283.4	299.7	316.6	339.4
-15°	120.9	126.8	138.0	155.5	181.3	216.4	253.0	275.8	292.1	303.2	325.3
-17.5°	113.9	118.5	128.1	143.4	166.9	199.3	241.3	264.0	279.2	290.4	309.4
-20°	106.6	110.0	117.7	130.4	151.4	183.3	223.7	249.7	265.2	276.9	292.1



REPORT NUMBER: P558769 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-935-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°	99.1	101.2	107.6	118.5	140.5	169.1	204.3	235.3	251.6	261.3	277.9
-25°	91.1	93.1	98.1	111.3	129.8	154.1	184.4	219.7	236.9	252.2	267.4
-27.5°	82.7	84.7	92.6	103.8	118.7	139.3	166.3	197.3	226.2	244.3	257.4
-30°	74.2	79.7	86.7	96.2	109.5	126.8	148.6	178.4	213.3	233.9	248.6
-32.5°	67.8	74.7	81.1	89.5	100.5	114.1	134.2	161.9	192.6	222.7	238.5
-35°	62.7	69.2	75.5	82.4	91.3	104.6	123.4	145.4	172.0	201.7	225.4
-37.5°	57.5	63.3	69.6	75.5	83.4	97.0	112.2	131.7	153.9	177.4	203.2
-40°	52.3	57.2	63.1	68.8	77.7	89.9	103.6	118.9	137.3	155.9	176.2
-42.5°	46.8	51.3	56.2	62.5	72.6	83.5	94.8	108.4	121.4	135.8	152.6
-45°	41.2	45.4	49.2	57.3	67.5	77.3	87.8	98.0	108.3	118.6	131.6
-47.5°	35.9	39.5	43.0	51.8	61.7	71.3	80.8	89.3	96.6	105.3	113.4
-50°	31.1	34.3	38.5	46.6	55.3	64.7	73.9	80.5	87.2	93.7	100.7
-52.5°	26.9	29.4	34.6	41.4	49.2	57.6	65.6	72.2	78.1	83.6	89.9
-55°	22.9	25.7	30.6	36.5	43.2	50.7	56.8	63.1	69.4	74.5	80.0
-57.5°	19.5	22.5	26.9	31.7	37.5	43.7	48.9	53.6	59.0	64.7	70.9
-60°	16.3	19.4	23.3	27.4	31.7	37.1	41.7	45.9	49.9	53.9	60.1
-62.5°	13.2	16.4	19.9	23.5	27.2	31.2	35.7	39.5	42.4	45.9	50.0
-65°	10.7	13.4	16.4	19.6	23.0	26.6	30.4	34.2	37.6	39.3	41.3
-67.5°	8.3	10.6	13.0	15.6	18.6	21.6	25.3	28.7	31.9	33.2	34.5
-70°	6.4	7.9	9.8	12.0	14.1	16.0	18.6	21.8	25.0	26.6	27.5
-72.5°	4.7	5.8	7.1	8.5	10.1	11.5	12.8	14.1	16.2	18.5	20.2
-75°	3.4	3.8	4.8	5.9	6.8	7.6	8.3	9.4	10.7	12.1	13.4
-77.5°	2.5	2.9	3.2	3.6	4.0	4.8	5.4	6.0	6.6	7.4	8.2
-80°	1.9	1.9	2.2	2.5	2.8	3.0	3.3	3.5	3.8	4.1	4.7
-82.5°	1.8	1.7	1.6	1.7	1.7	1.8	1.9	2.1	2.3	2.5	2.7
-85°	1.6	1.5	1.3	1.1	1.2	1.3	1.3	1.4	1.4	1.5	1.5
-87.5°	0.8	0.7	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: P558769 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-935-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	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.9
82.5°	2.8	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.8
80°	5.2	5.6	5.9	6.2	6.3	7.0	7.9	8.8	9.7	10.0	10.3
77.5°	9.2	9.9	10.3	10.7	10.9	12.4	14.4	16.4	18.5	19.6	20.5
75°	14.7	15.5	16.1	16.4	16.7	19.0	22.4	26.1	29.8	31.7	33.1
72.5°	21.3	22.0	22.5	23.0	23.3	26.7	32.9	39.7	46.9	51.2	54.4
70°	28.4	29.1	29.8	30.3	30.7	34.9	43.9	53.3	63.1	72.8	83.2
67.5°	35.9	37.5	38.4	38.9	39.4	42.9	52.5	61.4	69.6	87.2	115.0
65°	44.1	47.8	49.4	50.3	50.7	52.3	60.5	67.9	74.5	88.3	109.5
62.5°	54.6	59.5	61.8	62.8	63.4	63.5	70.2	76.4	82.1	90.7	104.2
60°	65.8	71.2	74.0	74.7	75.2	75.4	80.8	86.9	92.6	99.6	112.2
57.5°	76.1	81.1	85.3	86.9	88.2	89.1	93.8	101.0	107.8	114.8	128.3
55°	85.9	92.0	97.8	100.9	103.9	106.5	111.2	120.3	129.0	137.1	151.2
52.5°	96.7	104.4	112.1	117.8	123.5	128.4	133.4	145.2	156.8	167.8	181.4
50°	109.4	119.0	130.2	139.7	147.7	155.7	162.8	176.8	192.5	207.4	221.8
47.5°	125.7	138.4	152.6	166.1	177.0	189.4	200.6	214.9	228.8	242.7	254.5
45°	145.7	163.1	179.6	197.4	213.1	221.3	227.7	236.7	250.9	264.5	275.6
42.5°	171.1	191.5	211.8	225.0	235.1	241.7	246.4	251.1	266.1	279.2	290.0
40°	199.4	219.9	232.4	243.3	250.3	256.2	263.6	270.8	282.6	296.1	308.1
37.5°	224.0	237.1	248.1	256.7	265.1	272.9	283.6	294.1	305.3	320.4	331.5
35°	239.2	250.7	261.9	272.5	283.3	295.4	308.8	324.2	337.9	325.4	307.4
32.5°	250.7	262.5	276.0	292.5	307.4	323.9	340.6	313.8	286.3	275.5	277.7
30°	260.7	274.5	293.1	314.6	335.3	327.9	291.2	278.4	282.2	289.7	304.2
27.5°	271.5	288.7	311.2	337.8	321.5	280.9	283.1	290.5	315.6	337.0	369.3
25°	284.3	304.9	333.0	320.7	283.5	287.4	306.2	334.6	382.5	427.2	466.2
22.5°	299.6	325.9	329.7	283.6	288.6	313.2	351.5	412.9	471.1	525.1	565.4
20°	315.2	345.6	298.9	289.1	310.7	354.7	425.6	496.2	561.2	609.5	649.8
17.5°	333.9	323.1	290.1	300.5	344.2	420.0	499.9	574.8	636.0	719.5	790.6
15°	350.2	301.5	295.4	329.6	395.4	480.7	567.5	634.7	745.4	865.1	986.1
12.5°	340.9	293.9	304.9	355.6	442.0	534.3	611.0	717.4	863.9	1038.7	1301.3
10°	327.0	298.2	325.1	391.4	482.0	571.8	651.5	791.0	984.3	1305.3	1718.9
7.5°	316.2	300.0	338.5	419.0	511.6	594.5	700.7	869.9	1139.3	1579.7	2460.3
5°	308.1	300.0	344.7	435.0	529.2	610.2	731.1	927.2	1291.2	1918.7	3423.3
2.5°	304.5	298.4	346.4	443.5	537.8	618.9	750.0	968.4	1387.0	2233.6	4501.5
0°	306.9	295.2	345.7	446.7	542.9	617.7	752.7	980.9	1416.0	2349.8	4646.2
-2.5°	304.5	298.4	346.4	443.5	537.8	618.9	750.0	968.4	1387.0	2233.6	4501.5
-5°	308.1	300.0	344.7	435.0	529.2	610.2	731.1	927.2	1291.2	1918.7	3423.3
-7.5°	316.2	300.0	338.5	419.0	511.6	594.5	700.7	869.9	1139.3	1579.7	2460.3
-10°	327.0	298.2	325.1	391.4	482.0	571.8	651.5	791.0	984.3	1305.3	1718.9
-12.5°	340.9	293.9	304.9	355.6	442.0	534.3	611.0	717.4	863.9	1038.7	1301.3
-15°	350.2	301.5	295.4	329.6	395.4	480.7	567.5	634.7	745.4	865.1	986.1
-17.5°	333.9	323.1	290.1	300.5	344.2	420.0	499.9	574.8	636.0	719.5	790.6
-20°	315.2	345.6	298.9	289.1	310.7	354.7	425.6	496.2	561.2	609.5	649.8



REPORT NUMBER: P558769 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	299.6	325.9	329.7	283.6	288.6	313.2	351.5	412.9	471.1	525.1	565.4
-25°	284.3	304.9	333.0	320.7	283.5	287.4	306.2	334.6	382.5	427.2	466.2
-27.5°	271.5	288.7	311.2	337.8	321.5	280.9	283.1	290.5	315.6	337.0	369.3
-30°	260.7	274.5	293.1	314.6	335.3	327.9	291.2	278.4	282.2	289.7	304.2
-32.5°	250.7	262.5	276.0	292.5	307.4	323.9	340.6	313.8	286.3	275.5	277.7
-35°	239.2	250.7	261.9	272.5	283.3	295.4	308.8	324.2	337.9	325.4	307.4
-37.5°	224.0	237.1	248.1	256.7	265.1	272.9	283.6	294.1	305.3	320.4	331.5
-40°	199.4	219.9	232.4	243.3	250.3	256.2	263.6	270.8	282.6	296.1	308.1
-42.5°	171.1	191.5	211.8	225.0	235.1	241.7	246.4	251.1	266.1	279.2	290.0
-45°	145.7	163.1	179.6	197.4	213.1	221.3	227.7	236.7	250.9	264.5	275.6
-47.5°	125.7	138.4	152.6	166.1	177.0	189.4	200.6	214.9	228.8	242.7	254.5
-50°	109.4	119.0	130.2	139.7	147.7	155.7	162.8	176.8	192.5	207.4	221.8
-52.5°	96.7	104.4	112.1	117.8	123.5	128.4	133.4	145.2	156.8	167.8	181.4
-55°	85.9	92.0	97.8	100.9	103.9	106.5	111.2	120.3	129.0	137.1	151.2
-57.5°	76.1	81.1	85.3	86.9	88.2	89.1	93.8	101.0	107.8	114.8	128.3
-60°	65.8	71.2	74.0	74.7	75.2	75.4	80.8	86.9	92.6	99.6	112.2
-62.5°	54.6	59.5	61.8	62.8	63.4	63.5	70.2	76.4	82.1	90.7	104.2
-65°	44.1	47.8	49.4	50.3	50.7	52.3	60.5	67.9	74.5	88.3	109.5
-67.5°	35.9	37.5	38.4	38.9	39.4	42.9	52.5	61.4	69.6	87.2	115.0
-70°	28.4	29.1	29.8	30.3	30.7	34.9	43.9	53.3	63.1	72.8	83.2
-72.5°	21.3	22.0	22.5	23.0	23.3	26.7	32.9	39.7	46.9	51.2	54.4
-75°	14.7	15.5	16.1	16.4	16.7	19.0	22.4	26.1	29.8	31.7	33.1
-77.5°	9.2	9.9	10.3	10.7	10.9	12.4	14.4	16.4	18.5	19.6	20.5
-80°	5.2	5.6	5.9	6.2	6.3	7.0	7.9	8.8	9.7	10.0	10.3
-82.5°	2.8	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.8
-85°	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.9
-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: P558769 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-935-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°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8
82.5°	3.8	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.7	3.6
80°	10.5	10.6	10.2	9.7	10.2	10.6	10.5	10.3	10.0	9.7	8.8
77.5°	21.3	22.1	21.3	20.4	21.3	22.1	21.3	20.5	19.6	18.5	16.4
75°	34.4	35.5	34.9	34.0	34.9	35.5	34.4	33.1	31.7	29.8	26.1
72.5°	57.5	60.3	59.6	58.3	59.6	60.3	57.5	54.4	51.2	46.9	39.7
70°	94.1	105.2	104.7	102.0	104.7	105.2	94.1	83.2	72.8	63.1	53.3
67.5°	145.1	176.5	186.4	191.3	186.4	176.5	145.1	115.0	87.2	69.6	61.4
65°	129.2	148.1	155.6	161.2	155.6	148.1	129.2	109.5	88.3	74.5	67.9
62.5°	116.3	127.5	129.9	130.1	129.9	127.5	116.3	104.2	90.7	82.1	76.4
60°	124.4	136.4	138.1	136.0	138.1	136.4	124.4	112.2	99.6	92.6	86.9
57.5°	141.3	153.8	156.1	153.4	156.1	153.8	141.3	128.3	114.8	107.8	101.0
55°	164.7	177.3	181.4	180.6	181.4	177.3	164.7	151.2	137.1	129.0	120.3
52.5°	194.4	206.1	210.8	210.7	210.8	206.1	194.4	181.4	167.8	156.8	145.2
50°	234.3	244.7	249.9	250.6	249.9	244.7	234.3	221.8	207.4	192.5	176.8
47.5°	263.0	269.9	273.4	273.9	273.4	269.9	263.0	254.5	242.7	228.8	214.9
45°	280.6	284.3	287.1	289.4	287.1	284.3	280.6	275.6	264.5	250.9	236.7
42.5°	297.2	304.8	310.5	311.8	310.5	304.8	297.2	290.0	279.2	266.1	251.1
40°	319.4	329.9	340.0	350.6	340.0	329.9	319.4	308.1	296.1	282.6	270.8
37.5°	343.0	354.8	364.5	370.0	364.5	354.8	343.0	331.5	320.4	305.3	294.1
35°	294.8	287.1	282.5	280.7	282.5	287.1	294.8	307.4	325.4	337.9	324.2
32.5°	279.0	279.5	278.6	276.8	278.6	279.5	279.0	277.7	275.5	286.3	313.8
30°	315.0	320.1	320.7	320.5	320.7	320.1	315.0	304.2	289.7	282.2	278.4
27.5°	393.3	406.4	410.5	418.6	410.5	406.4	393.3	369.3	337.0	315.6	290.5
25°	496.5	516.3	525.8	529.3	525.8	516.3	496.5	466.2	427.2	382.5	334.6
22.5°	588.2	603.3	612.1	619.6	612.1	603.3	588.2	565.4	525.1	471.1	412.9
20°	696.9	724.5	737.1	738.1	737.1	724.5	696.9	649.8	609.5	561.2	496.2
17.5°	866.6	920.3	947.1	954.7	947.1	920.3	866.6	790.6	719.5	636.0	574.8
15°	1134.3	1271.3	1341.9	1375.2	1341.9	1271.3	1134.3	986.1	865.1	745.4	634.7
12.5°	1571.0	1880.0	2130.0	2224.0	2130.0	1880.0	1571.0	1301.3	1038.7	863.9	717.4
10°	2436.2	3359.2	4437.4	4940.4	4437.4	3359.2	2436.2	1718.9	1305.3	984.3	791.0
7.5°	4713.1	10942.9	21209.3	26106.6	21209.3	10942.9	4713.1	2460.3	1579.7	1139.3	869.9
5°	10046.1	43355.9	77644.9	91200.6	77644.9	43355.9	10046.1	3423.3	1918.7	1291.2	927.2
2.5°	16001.3	71109.3	134171.8	156886.1	134171.8	71109.3	16001.3	4501.5	2233.6	1387.0	968.4
0°	19118.3	74936.1	148055.6	170719.7	148055.6	74936.1	19118.3	4646.2	2349.8	1416.0	980.9
-2.5°	16001.3	71109.3	134171.8	156886.0	134171.8	71109.3	16001.3	4501.5	2233.6	1387.0	968.4
-5°	10046.1	43355.9	77644.9	91200.6	77644.9	43355.9	10046.1	3423.3	1918.7	1291.2	927.2
-7.5°	4713.1	10942.9	21209.3	26106.6	21209.3	10942.9	4713.1	2460.3	1579.7	1139.3	869.9
-10°	2436.2	3359.2	4437.4	4940.4	4437.4	3359.2	2436.2	1718.9	1305.3	984.3	791.0
-12.5°	1571.0	1880.0	2130.0	2224.0	2130.0	1880.0	1571.0	1301.3	1038.7	863.9	717.4
-15°	1134.3	1271.3	1341.9	1375.2	1341.9	1271.3	1134.3	986.1	865.1	745.4	634.7
-17.5°	866.6	920.3	947.1	954.7	947.1	920.3	866.6	790.6	719.5	636.0	574.8
-20°	696.9	724.5	737.1	738.1	737.1	724.5	696.9	649.8	609.5	561.2	496.2



REPORT NUMBER: P558769 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-935-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°	588.2	603.3	612.1	619.6	612.1	603.3	588.2	565.4	525.1	471.1	412.9
-25°	496.5	516.3	525.8	529.3	525.8	516.3	496.5	466.2	427.2	382.5	334.6
-27.5°	393.3	406.4	410.5	418.6	410.5	406.4	393.3	369.3	337.0	315.6	290.5
-30°	315.0	320.1	320.7	320.5	320.7	320.1	315.0	304.2	289.7	282.2	278.4
-32.5°	279.0	279.5	278.6	276.8	278.6	279.5	279.0	277.7	275.5	286.3	313.8
-35°	294.8	287.1	282.5	280.7	282.5	287.1	294.8	307.4	325.4	337.9	324.2
-37.5°	343.0	354.8	364.5	370.0	364.5	354.8	343.0	331.5	320.4	305.3	294.1
-40°	319.4	329.9	340.0	350.6	340.0	329.9	319.4	308.1	296.1	282.6	270.8
-42.5°	297.2	304.8	310.5	311.8	310.5	304.8	297.2	290.0	279.2	266.1	251.1
-45°	280.6	284.3	287.1	289.4	287.1	284.3	280.6	275.6	264.5	250.9	236.7
-47.5°	263.0	269.9	273.4	273.9	273.4	269.9	263.0	254.5	242.7	228.8	214.9
-50°	234.3	244.7	249.9	250.6	249.9	244.7	234.3	221.8	207.4	192.5	176.8
-52.5°	194.4	206.1	210.8	210.7	210.8	206.1	194.4	181.4	167.8	156.8	145.2
-55°	164.7	177.3	181.4	180.6	181.4	177.3	164.7	151.2	137.1	129.0	120.3
-57.5°	141.3	153.8	156.1	153.4	156.1	153.8	141.3	128.3	114.8	107.8	101.0
-60°	124.4	136.4	138.1	136.0	138.1	136.4	124.4	112.2	99.6	92.6	86.9
-62.5°	116.3	127.5	129.9	130.1	129.9	127.5	116.3	104.2	90.7	82.1	76.4
-65°	129.2	148.1	155.6	161.2	155.6	148.1	129.2	109.5	88.3	74.5	67.9
-67.5°	145.1	176.5	186.4	191.3	186.4	176.5	145.1	115.0	87.2	69.6	61.4
-70°	94.1	105.2	104.7	102.0	104.7	105.2	94.1	83.2	72.8	63.1	53.3
-72.5°	57.5	60.3	59.6	58.3	59.6	60.3	57.5	54.4	51.2	46.9	39.7
-75°	34.4	35.5	34.9	34.0	34.9	35.5	34.4	33.1	31.7	29.8	26.1
-77.5°	21.3	22.1	21.3	20.4	21.3	22.1	21.3	20.5	19.6	18.5	16.4
-80°	10.5	10.6	10.2	9.7	10.2	10.6	10.5	10.3	10.0	9.7	8.8
-82.5°	3.8	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.7	3.6
-85°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8
-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: P558769 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-935-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°	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4
82.5°	3.5	3.4	3.3	3.2	3.1	3.0	2.8	2.7	2.5	2.3	2.1
80°	7.9	7.0	6.3	6.2	5.9	5.6	5.2	4.7	4.1	3.8	3.5
77.5°	14.4	12.4	10.9	10.7	10.3	9.9	9.2	8.2	7.4	6.6	6.0
75°	22.4	19.0	16.7	16.4	16.1	15.5	14.7	13.4	12.1	10.7	9.4
72.5°	32.9	26.7	23.3	23.0	22.5	22.0	21.3	20.2	18.5	16.2	14.1
70°	43.9	34.9	30.7	30.3	29.8	29.1	28.4	27.5	26.6	25.0	21.8
67.5°	52.5	42.9	39.4	38.9	38.4	37.5	35.9	34.5	33.2	31.9	28.7
65°	60.5	52.3	50.7	50.3	49.4	47.8	44.1	41.3	39.3	37.6	34.2
62.5°	70.2	63.5	63.4	62.8	61.8	59.5	54.6	50.0	45.9	42.4	39.5
60°	80.8	75.4	75.2	74.7	74.0	71.2	65.8	60.1	53.9	49.9	45.9
57.5°	93.8	89.1	88.2	86.9	85.3	81.1	76.1	70.9	64.7	59.0	53.6
55°	111.2	106.5	103.9	100.9	97.8	92.0	85.9	80.0	74.5	69.4	63.1
52.5°	133.4	128.4	123.5	117.8	112.1	104.4	96.7	89.9	83.6	78.1	72.2
50°	162.8	155.7	147.7	139.7	130.2	119.0	109.4	100.7	93.7	87.2	80.5
47.5°	200.6	189.4	177.0	166.1	152.6	138.4	125.7	113.4	105.3	96.6	89.3
45°	227.7	221.3	213.1	197.4	179.6	163.1	145.7	131.6	118.6	108.3	98.0
42.5°	246.4	241.7	235.1	225.0	211.8	191.5	171.1	152.6	135.8	121.4	108.4
40°	263.6	256.2	250.3	243.3	232.4	219.9	199.4	176.2	155.9	137.3	118.9
37.5°	283.6	272.9	265.1	256.7	248.1	237.1	224.0	203.2	177.4	153.9	131.7
35°	308.8	295.4	283.3	272.5	261.9	250.7	239.2	225.4	201.7	172.0	145.4
32.5°	340.6	323.9	307.4	292.5	276.0	262.5	250.7	238.5	222.7	192.6	161.9
30°	291.2	327.9	335.3	314.6	293.1	274.5	260.7	248.6	233.9	213.3	178.4
27.5°	283.1	280.9	321.5	337.8	311.2	288.7	271.5	257.4	244.3	226.2	197.3
25°	306.2	287.4	283.5	320.7	333.0	304.9	284.3	267.4	252.2	236.9	219.7
22.5°	351.5	313.2	288.6	283.6	329.7	325.9	299.6	277.9	261.3	251.6	235.3
20°	425.6	354.7	310.7	289.1	298.9	345.6	315.2	292.1	276.9	265.2	249.7
17.5°	499.9	420.0	344.2	300.5	290.1	323.1	333.9	309.4	290.4	279.2	264.0
15°	567.5	480.7	395.4	329.6	295.4	301.5	350.2	325.3	303.2	292.1	275.8
12.5°	611.0	534.3	442.0	355.6	304.9	293.9	340.9	339.4	316.6	299.7	283.4
10°	651.5	571.8	482.0	391.4	325.1	298.2	327.0	351.1	327.3	305.8	289.5
7.5°	700.7	594.5	511.6	419.0	338.5	300.0	316.2	361.7	337.1	311.9	294.2
5°	731.1	610.2	529.2	435.0	344.7	300.0	308.1	371.1	345.9	317.9	297.8
2.5°	750.0	618.9	537.8	443.5	346.4	298.4	304.5	379.8	354.5	321.3	298.8
0°	752.7	617.7	542.9	446.7	345.7	295.2	306.9	387.5	362.3	323.4	299.1
-2.5°	750.0	618.9	537.8	443.5	346.4	298.4	304.5	379.8	354.5	321.3	298.8
-5°	731.1	610.2	529.2	435.0	344.7	300.0	308.1	371.1	345.9	317.9	297.8
-7.5°	700.7	594.5	511.6	419.0	338.5	300.0	316.2	361.7	337.1	311.9	294.2
-10°	651.5	571.8	482.0	391.4	325.1	298.2	327.0	351.1	327.3	305.8	289.5
-12.5°	611.0	534.3	442.0	355.6	304.9	293.9	340.9	339.4	316.6	299.7	283.4
-15°	567.5	480.7	395.4	329.6	295.4	301.5	350.2	325.3	303.2	292.1	275.8
-17.5°	499.9	420.0	344.2	300.5	290.1	323.1	333.9	309.4	290.4	279.2	264.0
-20°	425.6	354.7	310.7	289.1	298.9	345.6	315.2	292.1	276.9	265.2	249.7



REPORT NUMBER: P558769 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	351.5	313.2	288.6	283.6	329.7	325.9	299.6	277.9	261.3	251.6	235.3
-25°	306.2	287.4	283.5	320.7	333.0	304.9	284.3	267.4	252.2	236.9	219.7
-27.5°	283.1	280.9	321.5	337.8	311.2	288.7	271.5	257.4	244.3	226.2	197.3
-30°	291.2	327.9	335.3	314.6	293.1	274.5	260.7	248.6	233.9	213.3	178.4
-32.5°	340.6	323.9	307.4	292.5	276.0	262.5	250.7	238.5	222.7	192.6	161.9
-35°	308.8	295.4	283.3	272.5	261.9	250.7	239.2	225.4	201.7	172.0	145.4
-37.5°	283.6	272.9	265.1	256.7	248.1	237.1	224.0	203.2	177.4	153.9	131.7
-40°	263.6	256.2	250.3	243.3	232.4	219.9	199.4	176.2	155.9	137.3	118.9
-42.5°	246.4	241.7	235.1	225.0	211.8	191.5	171.1	152.6	135.8	121.4	108.4
-45°	227.7	221.3	213.1	197.4	179.6	163.1	145.7	131.6	118.6	108.3	98.0
-47.5°	200.6	189.4	177.0	166.1	152.6	138.4	125.7	113.4	105.3	96.6	89.3
-50°	162.8	155.7	147.7	139.7	130.2	119.0	109.4	100.7	93.7	87.2	80.5
-52.5°	133.4	128.4	123.5	117.8	112.1	104.4	96.7	89.9	83.6	78.1	72.2
-55°	111.2	106.5	103.9	100.9	97.8	92.0	85.9	80.0	74.5	69.4	63.1
-57.5°	93.8	89.1	88.2	86.9	85.3	81.1	76.1	70.9	64.7	59.0	53.6
-60°	80.8	75.4	75.2	74.7	74.0	71.2	65.8	60.1	53.9	49.9	45.9
-62.5°	70.2	63.5	63.4	62.8	61.8	59.5	54.6	50.0	45.9	42.4	39.5
-65°	60.5	52.3	50.7	50.3	49.4	47.8	44.1	41.3	39.3	37.6	34.2
-67.5°	52.5	42.9	39.4	38.9	38.4	37.5	35.9	34.5	33.2	31.9	28.7
-70°	43.9	34.9	30.7	30.3	29.8	29.1	28.4	27.5	26.6	25.0	21.8
-72.5°	32.9	26.7	23.3	23.0	22.5	22.0	21.3	20.2	18.5	16.2	14.1
-75°	22.4	19.0	16.7	16.4	16.1	15.5	14.7	13.4	12.1	10.7	9.4
-77.5°	14.4	12.4	10.9	10.7	10.3	9.9	9.2	8.2	7.4	6.6	6.0
-80°	7.9	7.0	6.3	6.2	5.9	5.6	5.2	4.7	4.1	3.8	3.5
-82.5°	3.5	3.4	3.3	3.2	3.1	3.0	2.8	2.7	2.5	2.3	2.1
-85°	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.4	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: P558769 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-935-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	0.7	0.8	0.8	0.7	0.6	0.6
85°	1.3	1.3	1.2	1.1	1.3	1.5	1.6	1.6	1.5	1.3	1.1
82.5°	1.9	1.8	1.7	1.7	1.6	1.7	1.8	1.9	1.9	1.9	1.7
80°	3.3	3.0	2.8	2.5	2.2	1.9	1.9	1.9	1.9	1.9	1.9
77.5°	5.4	4.8	4.0	3.6	3.2	2.9	2.5	2.1	1.9	1.9	1.9
75°	8.3	7.6	6.8	5.9	4.8	3.8	3.4	3.0	2.5	2.0	1.9
72.5°	12.8	11.5	10.1	8.5	7.1	5.8	4.7	3.8	3.4	2.8	2.1
70°	18.6	16.0	14.1	12.0	9.8	7.9	6.4	5.3	4.3	3.7	2.9
67.5°	25.3	21.6	18.6	15.6	13.0	10.6	8.3	7.0	5.9	4.6	3.7
65°	30.4	26.6	23.0	19.6	16.4	13.4	10.7	8.9	7.4	6.0	4.6
62.5°	35.7	31.2	27.2	23.5	19.9	16.4	13.2	11.4	9.2	7.5	5.8
60°	41.7	37.1	31.7	27.4	23.3	19.4	16.3	14.0	11.6	8.9	7.1
57.5°	48.9	43.7	37.5	31.7	26.9	22.5	19.5	16.9	14.1	11.0	8.4
55°	56.8	50.7	43.2	36.5	30.6	25.7	22.9	20.1	16.7	13.3	9.8
52.5°	65.6	57.6	49.2	41.4	34.6	29.4	26.9	23.3	19.7	15.6	12.0
50°	73.9	64.7	55.3	46.6	38.5	34.3	31.1	27.2	22.7	18.0	14.3
47.5°	80.8	71.3	61.7	51.8	43.0	39.5	35.9	31.3	25.8	20.8	16.8
45°	87.8	77.3	67.5	57.3	49.2	45.4	41.2	35.5	29.6	24.1	19.3
42.5°	94.8	83.5	72.6	62.5	56.2	51.3	46.8	40.6	33.6	27.6	22.1
40°	103.6	89.9	77.7	68.8	63.1	57.2	52.3	45.9	37.7	31.4	25.3
37.5°	112.2	97.0	83.4	75.5	69.6	63.3	57.5	51.4	42.9	35.8	28.4
35°	123.4	104.6	91.3	82.4	75.5	69.2	62.7	56.7	48.9	40.2	31.7
32.5°	134.2	114.1	100.5	89.5	81.1	74.7	67.8	63.3	55.2	44.6	35.0
30°	148.6	126.8	109.5	96.2	86.7	79.7	74.2	70.8	61.7	49.1	38.4
27.5°	166.3	139.3	118.7	103.8	92.6	84.7	82.7	79.1	68.3	53.9	42.1
25°	184.4	154.1	129.8	111.3	98.1	93.1	91.1	88.0	75.2	59.3	45.7
22.5°	204.3	169.1	140.5	118.5	107.6	101.2	99.1	95.6	82.4	64.8	49.2
20°	223.7	183.3	151.4	130.4	117.7	110.0	106.6	103.1	90.0	70.2	52.7
17.5°	241.3	199.3	166.9	143.4	128.1	118.5	113.9	110.4	97.8	75.5	56.1
15°	253.0	216.4	181.3	155.5	138.0	126.8	120.9	117.6	105.7	80.7	58.5
12.5°	263.0	231.3	194.2	166.8	147.4	134.9	127.7	124.6	113.6	84.1	59.7
10°	271.3	244.2	205.8	177.3	156.4	142.7	134.3	129.6	116.6	85.8	60.8
7.5°	278.1	255.1	216.1	187.0	163.8	146.7	135.3	130.5	118.4	87.1	61.8
5°	282.9	261.5	221.0	189.5	164.4	146.4	135.3	131.2	119.7	87.9	62.5
2.5°	283.6	262.2	222.2	190.3	164.5	145.7	135.2	131.8	120.3	88.4	62.9
0°	283.6	261.3	222.4	190.4	164.1	144.7	135.0	132.1	120.4	88.4	63.1
-2.5°	283.6	262.2	222.2	190.3	164.5	145.7	135.2	131.8	120.3	88.4	62.9
-5°	282.9	261.5	221.0	189.5	164.4	146.4	135.3	131.2	119.7	87.9	62.5
-7.5°	278.1	255.1	216.1	187.0	163.8	146.7	135.3	130.5	118.4	87.1	61.8
-10°	271.3	244.2	205.8	177.3	156.4	142.7	134.3	129.6	116.6	85.8	60.8
-12.5°	263.0	231.3	194.2	166.8	147.4	134.9	127.7	124.6	113.6	84.1	59.7
-15°	253.0	216.4	181.3	155.5	138.0	126.8	120.9	117.6	105.7	80.7	58.5
-17.5°	241.3	199.3	166.9	143.4	128.1	118.5	113.9	110.4	97.8	75.5	56.1
-20°	223.7	183.3	151.4	130.4	117.7	110.0	106.6	103.1	90.0	70.2	52.7



REPORT NUMBER: P558769 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-935-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°	204.3	169.1	140.5	118.5	107.6	101.2	99.1	95.6	82.4	64.8	49.2
-25°	184.4	154.1	129.8	111.3	98.1	93.1	91.1	88.0	75.2	59.3	45.7
-27.5°	166.3	139.3	118.7	103.8	92.6	84.7	82.7	79.1	68.3	53.9	42.1
-30°	148.6	126.8	109.5	96.2	86.7	79.7	74.2	70.8	61.7	49.1	38.4
-32.5°	134.2	114.1	100.5	89.5	81.1	74.7	67.8	63.3	55.2	44.6	35.0
-35°	123.4	104.6	91.3	82.4	75.5	69.2	62.7	56.7	48.9	40.2	31.7
-37.5°	112.2	97.0	83.4	75.5	69.6	63.3	57.5	51.4	42.9	35.8	28.4
-40°	103.6	89.9	77.7	68.8	63.1	57.2	52.3	45.9	37.7	31.4	25.3
-42.5°	94.8	83.5	72.6	62.5	56.2	51.3	46.8	40.6	33.6	27.6	22.1
-45°	87.8	77.3	67.5	57.3	49.2	45.4	41.2	35.5	29.6	24.1	19.3
-47.5°	80.8	71.3	61.7	51.8	43.0	39.5	35.9	31.3	25.8	20.8	16.8
-50°	73.9	64.7	55.3	46.6	38.5	34.3	31.1	27.2	22.7	18.0	14.3
-52.5°	65.6	57.6	49.2	41.4	34.6	29.4	26.9	23.3	19.7	15.6	12.0
-55°	56.8	50.7	43.2	36.5	30.6	25.7	22.9	20.1	16.7	13.3	9.8
-57.5°	48.9	43.7	37.5	31.7	26.9	22.5	19.5	16.9	14.1	11.0	8.4
-60°	41.7	37.1	31.7	27.4	23.3	19.4	16.3	14.0	11.6	8.9	7.1
-62.5°	35.7	31.2	27.2	23.5	19.9	16.4	13.2	11.4	9.2	7.5	5.8
-65°	30.4	26.6	23.0	19.6	16.4	13.4	10.7	8.9	7.4	6.0	4.6
-67.5°	25.3	21.6	18.6	15.6	13.0	10.6	8.3	7.0	5.9	4.6	3.7
-70°	18.6	16.0	14.1	12.0	9.8	7.9	6.4	5.3	4.3	3.7	2.9
-72.5°	12.8	11.5	10.1	8.5	7.1	5.8	4.7	3.8	3.4	2.8	2.1
-75°	8.3	7.6	6.8	5.9	4.8	3.8	3.4	3.0	2.5	2.0	1.9
-77.5°	5.4	4.8	4.0	3.6	3.2	2.9	2.5	2.1	1.9	1.9	1.9
-80°	3.3	3.0	2.8	2.5	2.2	1.9	1.9	1.9	1.9	1.9	1.9
-82.5°	1.9	1.8	1.7	1.7	1.6	1.7	1.8	1.9	1.9	1.9	1.7
-85°	1.3	1.3	1.2	1.1	1.3	1.5	1.6	1.6	1.5	1.3	1.1
-87.5°	0.7	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.7	0.6	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	0.2	0.2	0.1	0.0
85°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
82.5°	1.5	1.2	1.0	0.7	0.5	0.2	0.0
80°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
77.5°	1.9	1.9	1.6	1.2	0.8	0.4	0.0
75°	1.9	1.9	1.9	1.5	1.0	0.5	0.0
72.5°	1.9	1.9	1.9	1.7	1.1	0.6	0.0
70°	2.0	1.9	1.9	1.9	1.3	0.6	0.0
67.5°	2.7	1.9	1.9	1.9	1.5	0.7	0.0
65°	3.5	2.2	1.9	1.9	1.6	0.8	0.0
62.5°	4.2	2.9	1.9	1.9	1.8	0.9	0.0
60°	5.0	3.5	1.9	1.9	1.9	0.9	0.0
57.5°	6.2	4.2	2.4	1.9	1.9	1.0	0.0
55°	7.6	4.8	2.9	1.9	1.9	1.1	0.0
52.5°	8.9	5.5	3.5	1.9	1.9	1.2	0.0
50°	10.3	6.8	4.0	1.9	2.0	1.2	0.0
47.5°	11.9	8.0	4.5	2.0	2.0	1.3	0.0
45°	14.0	9.2	4.9	2.4	2.0	1.3	0.0
42.5°	16.2	10.5	5.4	2.7	2.1	1.4	0.0
40°	18.5	11.7	6.1	3.1	2.1	1.5	0.0
37.5°	20.7	12.9	7.1	3.4	2.1	1.5	0.0
35°	23.0	14.5	8.0	3.7	2.2	1.6	0.0
32.5°	25.4	16.3	8.9	4.0	2.2	1.6	0.0
30°	28.0	18.1	9.8	4.2	2.3	1.6	0.0
27.5°	30.7	19.8	10.4	4.4	2.3	1.7	0.0
25°	33.3	21.5	10.9	4.6	2.4	1.7	0.0
22.5°	35.8	22.8	11.2	4.7	2.4	1.8	0.0
20°	38.2	23.3	11.5	4.8	2.5	1.8	0.0
17.5°	39.5	23.6	11.6	4.9	2.5	1.8	0.0
15°	40.0	23.7	11.7	5.0	2.6	1.8	0.0
12.5°	40.3	23.7	11.7	5.0	2.6	1.9	0.0
10°	40.4	23.5	11.6	5.0	2.7	1.9	0.0
7.5°	40.3	23.1	11.5	5.0	2.8	1.9	0.0
5°	40.0	22.7	11.3	5.0	2.8	1.9	0.0
2.5°	39.5	22.1	11.0	5.0	2.9	1.9	0.0
0°	38.8	21.4	10.7	4.9	2.9	1.9	0.0
-2.5°	39.5	22.1	11.0	5.0	2.9	1.9	0.0
-5°	40.0	22.7	11.3	5.0	2.8	1.9	0.0
-7.5°	40.3	23.1	11.5	5.0	2.8	1.9	0.0
-10°	40.4	23.5	11.6	5.0	2.7	1.9	0.0
-12.5°	40.3	23.7	11.7	5.0	2.6	1.9	0.0
-15°	40.0	23.7	11.7	5.0	2.6	1.8	0.0
-17.5°	39.5	23.6	11.6	4.9	2.5	1.8	0.0
-20°	38.2	23.3	11.5	4.8	2.5	1.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	35.8	22.8	11.2	4.7	2.4	1.8	0.0
-25°	33.3	21.5	10.9	4.6	2.4	1.7	0.0
-27.5°	30.7	19.8	10.4	4.4	2.3	1.7	0.0
-30°	28.0	18.1	9.8	4.2	2.3	1.6	0.0
-32.5°	25.4	16.3	8.9	4.0	2.2	1.6	0.0
-35°	23.0	14.5	8.0	3.7	2.2	1.6	0.0
-37.5°	20.7	12.9	7.1	3.4	2.1	1.5	0.0
-40°	18.5	11.7	6.1	3.1	2.1	1.5	0.0
-42.5°	16.2	10.5	5.4	2.7	2.1	1.4	0.0
-45°	14.0	9.2	4.9	2.4	2.0	1.3	0.0
-47.5°	11.9	8.0	4.5	2.0	2.0	1.3	0.0
-50°	10.3	6.8	4.0	1.9	2.0	1.2	0.0
-52.5°	8.9	5.5	3.5	1.9	1.9	1.2	0.0
-55°	7.6	4.8	2.9	1.9	1.9	1.1	0.0
-57.5°	6.2	4.2	2.4	1.9	1.9	1.0	0.0
-60°	5.0	3.5	1.9	1.9	1.9	0.9	0.0
-62.5°	4.2	2.9	1.9	1.9	1.8	0.9	0.0
-65°	3.5	2.2	1.9	1.9	1.6	0.8	0.0
-67.5°	2.7	1.9	1.9	1.9	1.5	0.7	0.0
-70°	2.0	1.9	1.9	1.9	1.3	0.6	0.0
-72.5°	1.9	1.9	1.9	1.7	1.1	0.6	0.0
-75°	1.9	1.9	1.9	1.5	1.0	0.5	0.0
-77.5°	1.9	1.9	1.6	1.2	0.8	0.4	0.0
-80°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
-82.5°	1.5	1.2	1.0	0.7	0.5	0.2	0.0
-85°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
-87.5°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)