

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: P558547 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-935-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558547 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1C-935-U-WR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (16) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

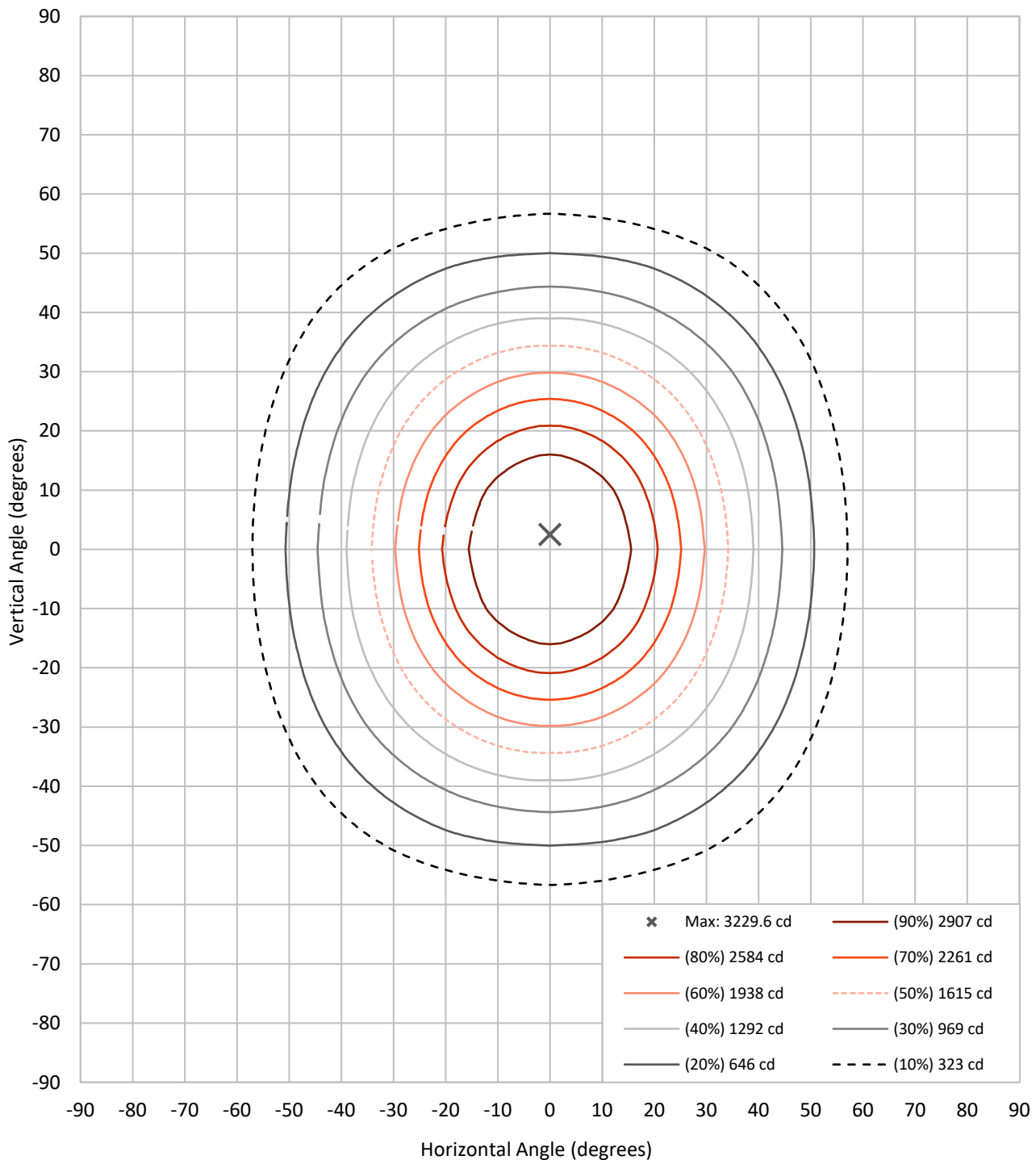
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	4371 lumens	Max Intensity:	3229.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	99.3 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	2620.7 lumens	Field Lumens:	4175.5 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 44
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





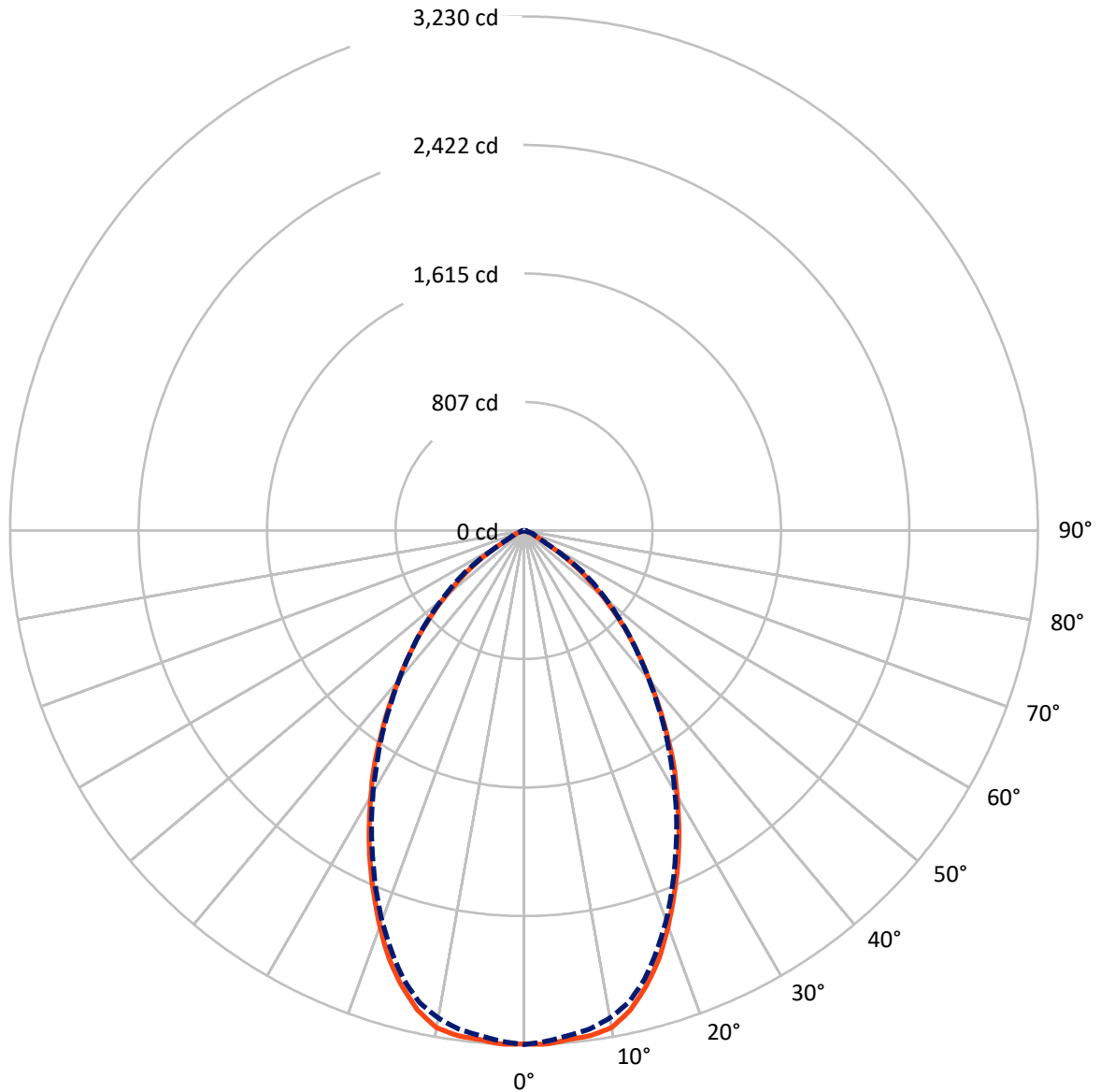
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Lumen Table

90																			
80	0.0	0.4		1.0		1.8		1.3		1.8		1.0		0.4		0.0			
70																			
60	0.2	0.3	0.6	0.9	1.3	1.8	2.2	2.4	2.4	2.2	1.8	1.3	0.9	0.6	0.3	0.2			
50		0.5	1.0	1.8	3.4	6.6	9.9	11.8	11.8	9.9	6.6	3.4	1.8	1.0	0.5				
40	0.3	0.6	1.4	4.2	11.0	18.3	24.4	27.8	27.8	24.4	18.3	11.0	4.2	1.4	0.6	0.3			
30		0.8	2.5	9.7	19.8	30.9	40.9	46.9	46.9	40.9	30.9	19.8	9.7	2.5	0.8				
20	0.4	0.9	4.5	14.6	28.1	43.9	58.7	68.0	68.0	58.7	43.9	28.1	14.6	4.5	0.9	0.4			
10		1.1	6.4	18.2	34.6	54.9	74.7	87.3	87.3	74.7	54.9	34.6	18.2	6.4	1.1				
0	0.4	1.2	7.5	20.1	38.3	61.3	84.0	96.0	96.0	84.0	61.3	38.3	20.1	7.5	1.2	0.4			
-10		1.2	7.5	20.1	38.3	61.3	84.0	96.0	96.0	84.0	61.3	38.3	20.1	7.5	1.2				
-20	0.4	1.1	6.4	18.2	34.6	54.9	74.7	87.3	87.3	74.7	54.9	34.6	18.2	6.4	1.1	0.4			
-30		0.9	4.5	14.6	28.1	43.9	58.7	68.0	68.0	58.7	43.9	28.1	14.6	4.5	0.9				
-40	0.3	0.8	2.5	9.7	19.8	30.9	40.9	46.9	46.9	40.9	30.9	19.8	9.7	2.5	0.8	0.3			
-50		0.6	1.4	4.2	11.0	18.3	24.4	27.8	27.8	24.4	18.3	11.0	4.2	1.4	0.6				
-60	0.2	0.5	1.0	1.8	3.4	6.6	9.9	11.8	11.8	9.9	6.6	3.4	1.8	1.0	0.5	0.2			
-70		0.3	0.6	0.9	1.3	1.8	2.2	2.4	2.4	2.2	1.8	1.3	0.9	0.6	0.3				
-80	0.0	0.4		1.0		1.8		1.3		1.8		1.0		0.4		0.0			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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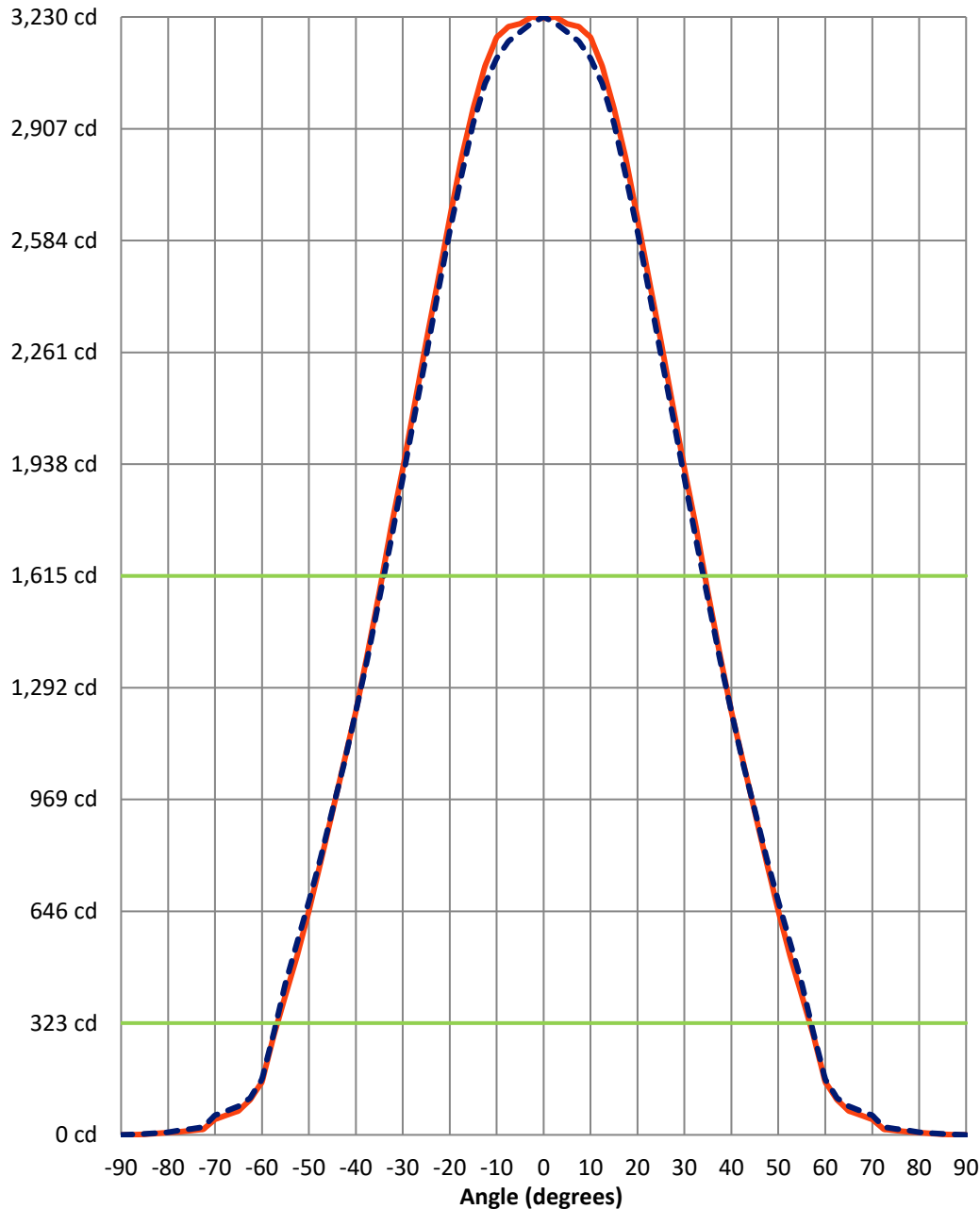
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 2.5-Deg

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Luminous Intensity Plot



Beam:
H Angle: 68°
V Angle: 68.7°
Lumens: 2620.7
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 4175.5
Efficiency: 95.5%

Spill:
Lumens: 195.5
Efficiency: 4.5%

- Vertical Distribution through 0-Deg
- - Horizontal Distribution through 2.5-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
82.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.3	1.8	2.3
80°	0.0	0.2	0.4	0.6	0.8	1.0	1.3	2.0	2.6	3.3	4.1
77.5°	0.0	0.3	0.5	0.8	1.0	1.4	2.3	3.1	4.0	4.9	6.1
75°	0.0	0.3	0.6	0.9	1.3	2.1	3.2	4.2	5.4	7.2	9.0
72.5°	0.0	0.4	0.7	1.1	1.7	2.8	4.1	5.6	7.7	9.8	11.9
70°	0.0	0.4	0.8	1.3	2.2	3.4	5.0	7.6	10.0	12.4	15.8
67.5°	0.0	0.5	0.9	1.5	2.6	4.0	6.5	9.6	12.3	15.8	19.8
65°	0.0	0.5	1.0	1.8	2.9	4.8	8.0	11.5	15.0	19.1	23.6
62.5°	0.0	0.6	1.1	2.0	3.3	5.7	9.3	13.6	17.7	22.4	27.3
60°	0.0	0.6	1.2	2.2	3.7	6.5	10.5	15.7	20.2	25.9	31.1
57.5°	0.0	0.6	1.3	2.4	4.2	7.3	11.7	17.6	23.3	29.4	34.2
55°	0.0	0.7	1.4	2.6	4.6	8.0	12.8	19.0	26.5	32.7	36.9
52.5°	0.0	0.7	1.6	2.8	5.0	8.6	13.8	21.2	29.8	35.3	39.7
50°	0.0	0.8	1.7	2.9	5.4	9.2	14.5	23.2	32.7	37.9	42.7
47.5°	0.0	0.8	1.8	3.1	5.7	9.7	15.3	25.0	35.0	40.4	45.5
45°	0.0	0.8	1.9	3.2	5.9	10.0	16.5	26.5	36.0	42.7	48.1
42.5°	0.0	0.9	2.0	3.4	6.1	10.2	17.6	27.3	36.6	44.9	50.9
40°	0.0	0.9	2.1	3.5	6.2	10.4	18.4	27.6	37.0	46.7	53.8
37.5°	0.0	1.0	2.2	3.7	6.2	10.4	19.0	27.7	37.4	47.4	56.5
35°	0.0	1.0	2.3	3.9	6.2	10.6	19.4	27.6	37.8	49.2	59.2
32.5°	0.0	1.0	2.4	4.0	6.2	10.9	19.5	27.2	38.2	51.4	61.9
30°	0.0	1.0	2.4	4.2	6.0	11.0	19.1	26.8	38.5	54.0	64.5
27.5°	0.0	1.1	2.5	4.3	6.2	11.0	18.6	26.9	39.5	57.0	66.9
25°	0.0	1.1	2.6	4.4	6.3	10.9	17.9	26.9	41.5	59.4	69.2
22.5°	0.0	1.1	2.6	4.5	6.5	10.9	17.1	26.8	43.7	61.2	72.1
20°	0.0	1.1	2.7	4.6	6.7	11.4	16.1	26.7	45.9	62.9	74.7
17.5°	0.0	1.1	2.7	4.7	6.8	11.9	16.0	26.4	48.1	64.4	77.0
15°	0.0	1.2	2.8	4.8	7.0	12.3	16.3	26.3	50.3	65.7	78.9
12.5°	0.0	1.2	2.8	4.8	7.1	12.6	16.6	26.1	52.2	66.8	80.5
10°	0.0	1.2	2.8	4.9	7.2	12.8	16.8	25.6	53.8	67.6	81.8
7.5°	0.0	1.2	2.9	4.9	7.3	13.0	17.0	24.8	55.1	68.3	82.5
5°	0.0	1.2	2.9	5.0	7.4	13.2	17.2	23.8	56.0	68.9	82.8
2.5°	0.0	1.2	2.9	5.0	7.5	13.3	17.3	22.5	56.5	69.2	82.9
0°	0.0	1.2	2.9	5.0	7.5	13.3	17.4	21.2	56.5	69.3	82.6
-2.5°	0.0	1.2	2.9	5.0	7.5	13.3	17.3	22.5	56.5	69.2	82.9
-5°	0.0	1.2	2.9	5.0	7.4	13.2	17.2	23.8	56.0	68.9	82.8
-7.5°	0.0	1.2	2.9	4.9	7.3	13.0	17.0	24.8	55.1	68.3	82.5
-10°	0.0	1.2	2.8	4.9	7.2	12.8	16.8	25.6	53.8	67.6	81.8
-12.5°	0.0	1.2	2.8	4.8	7.1	12.6	16.6	26.1	52.2	66.8	80.5
-15°	0.0	1.2	2.8	4.8	7.0	12.3	16.3	26.3	50.3	65.7	78.9
-17.5°	0.0	1.1	2.7	4.7	6.8	11.9	16.0	26.4	48.1	64.4	77.0
-20°	0.0	1.1	2.7	4.6	6.7	11.4	16.1	26.7	45.9	62.9	74.7



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 CATALOG NUMBER: GFLD-SA1C-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.1	2.6	4.5	6.5	10.9	17.1	26.8	43.7	61.2	72.1
-25°	0.0	1.1	2.6	4.4	6.3	10.9	17.9	26.9	41.5	59.4	69.2
-27.5°	0.0	1.1	2.5	4.3	6.2	11.0	18.6	26.9	39.5	57.0	66.9
-30°	0.0	1.0	2.4	4.2	6.0	11.0	19.1	26.8	38.5	54.0	64.5
-32.5°	0.0	1.0	2.4	4.0	6.2	10.9	19.5	27.2	38.2	51.4	61.9
-35°	0.0	1.0	2.3	3.9	6.2	10.6	19.4	27.6	37.8	49.2	59.2
-37.5°	0.0	1.0	2.2	3.7	6.2	10.4	19.0	27.7	37.4	47.4	56.5
-40°	0.0	0.9	2.1	3.5	6.2	10.4	18.4	27.6	37.0	46.7	53.8
-42.5°	0.0	0.9	2.0	3.4	6.1	10.2	17.6	27.3	36.6	44.9	50.9
-45°	0.0	0.8	1.9	3.2	5.9	10.0	16.5	26.5	36.0	42.7	48.1
-47.5°	0.0	0.8	1.8	3.1	5.7	9.7	15.3	25.0	35.0	40.4	45.5
-50°	0.0	0.8	1.7	2.9	5.4	9.2	14.5	23.2	32.7	37.9	42.7
-52.5°	0.0	0.7	1.6	2.8	5.0	8.6	13.8	21.2	29.8	35.3	39.7
-55°	0.0	0.7	1.4	2.6	4.6	8.0	12.8	19.0	26.5	32.7	36.9
-57.5°	0.0	0.6	1.3	2.4	4.2	7.3	11.7	17.6	23.3	29.4	34.2
-60°	0.0	0.6	1.2	2.2	3.7	6.5	10.5	15.7	20.2	25.9	31.1
-62.5°	0.0	0.6	1.1	2.0	3.3	5.7	9.3	13.6	17.7	22.4	27.3
-65°	0.0	0.5	1.0	1.8	2.9	4.8	8.0	11.5	15.0	19.1	23.6
-67.5°	0.0	0.5	0.9	1.5	2.6	4.0	6.5	9.6	12.3	15.8	19.8
-70°	0.0	0.4	0.8	1.3	2.2	3.4	5.0	7.6	10.0	12.4	15.8
-72.5°	0.0	0.4	0.7	1.1	1.7	2.8	4.1	5.6	7.7	9.8	11.9
-75°	0.0	0.3	0.6	0.9	1.3	2.1	3.2	4.2	5.4	7.2	9.0
-77.5°	0.0	0.3	0.5	0.8	1.0	1.4	2.3	3.1	4.0	4.9	6.1
-80°	0.0	0.2	0.4	0.6	0.8	1.0	1.3	2.0	2.6	3.3	4.1
-82.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.3	1.8	2.3
-85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
-87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
-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-SA1C-935-U-WR-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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.4
85°	1.0	1.0	1.1	1.2	1.4	1.5	1.5	1.5	1.7	1.9	2.2
82.5°	2.6	2.8	2.9	2.9	3.0	3.0	2.9	2.9	3.6	4.5	5.4
80°	4.4	4.6	5.3	6.0	6.4	6.4	6.1	5.4	6.4	8.1	10.0
77.5°	7.2	8.3	9.4	10.5	10.7	10.2	9.3	8.1	9.5	12.4	15.6
75°	10.5	11.9	13.5	14.8	14.8	13.9	12.7	12.5	14.9	18.4	21.2
72.5°	14.3	16.4	18.0	19.1	19.0	18.8	19.3	20.3	22.3	24.8	27.0
70°	19.0	21.1	22.2	22.8	23.0	24.2	25.9	27.2	28.6	31.1	33.4
67.5°	23.5	25.2	26.2	26.9	28.9	31.1	32.8	34.4	36.1	38.7	40.8
65°	27.7	29.3	30.8	32.9	35.7	37.8	39.9	42.0	45.0	47.9	49.6
62.5°	31.7	33.4	35.6	38.6	41.6	44.3	47.6	51.4	55.3	58.3	61.6
60°	34.8	37.3	40.4	43.9	47.6	51.9	56.2	60.6	64.6	68.6	73.5
57.5°	37.7	41.3	45.3	49.4	54.2	59.6	64.8	69.6	74.7	80.2	85.7
55°	41.0	45.7	50.0	54.9	60.8	67.7	73.6	79.2	85.2	94.4	102.5
52.5°	44.5	49.8	54.7	60.6	68.0	75.3	81.9	89.8	100.0	113.7	135.9
50°	47.9	53.5	59.2	66.9	74.9	82.6	92.2	103.2	123.5	149.1	193.8
47.5°	51.2	57.1	64.7	73.1	81.7	91.9	104.0	128.2	155.9	219.5	282.8
45°	54.5	61.6	70.0	79.4	89.7	102.6	127.8	157.5	232.9	306.0	382.2
42.5°	57.7	66.0	75.6	85.6	99.1	122.4	154.8	233.2	314.9	398.9	472.0
40°	61.4	70.2	81.2	94.0	111.8	147.1	219.9	308.2	400.3	479.6	550.7
37.5°	64.9	75.2	87.2	102.2	134.1	193.0	286.8	384.7	473.9	551.4	627.4
35°	68.0	80.1	94.5	116.8	156.0	252.9	354.7	454.3	539.5	622.3	705.4
32.5°	71.7	84.8	101.4	136.2	206.1	310.8	419.1	514.0	603.3	691.5	786.4
30°	75.8	90.7	111.0	154.7	255.7	367.1	474.3	571.3	663.9	761.8	863.5
27.5°	79.7	96.4	127.0	190.5	302.3	419.6	524.6	624.4	723.8	828.1	937.5
25°	83.2	101.7	142.0	229.8	347.4	464.4	570.8	672.4	779.7	893.1	1008.2
22.5°	87.0	107.0	155.5	265.6	388.6	504.3	611.7	719.4	832.9	953.1	1073.2
20°	91.1	118.2	177.7	298.7	426.0	540.6	648.4	763.0	882.7	1007.2	1134.1
17.5°	94.8	128.1	204.3	330.1	457.5	572.1	681.4	802.5	926.1	1056.2	1189.8
15°	98.2	136.6	227.7	357.8	484.2	598.9	713.5	837.6	964.6	1100.1	1238.9
12.5°	101.1	143.9	247.8	381.8	506.7	621.8	740.6	867.2	998.9	1138.5	1283.1
10°	103.6	149.8	264.5	401.9	525.1	640.7	762.3	891.8	1026.2	1169.4	1318.8
7.5°	105.2	154.7	277.7	417.9	539.2	655.5	778.6	911.2	1046.2	1193.5	1345.8
5°	106.2	158.6	287.3	429.7	549.5	666.6	790.4	925.1	1059.0	1210.5	1363.9
2.5°	106.7	161.3	293.1	437.3	556.0	674.4	800.2	937.3	1072.5	1222.5	1377.9
0°	106.7	162.7	295.2	440.5	558.4	678.0	805.0	943.7	1081.1	1227.7	1387.5
-2.5°	106.7	161.3	293.1	437.3	556.0	674.4	800.2	937.3	1072.5	1222.5	1377.9
-5°	106.2	158.6	287.3	429.7	549.5	666.6	790.4	925.1	1059.0	1210.5	1363.9
-7.5°	105.2	154.7	277.7	417.9	539.2	655.5	778.6	911.2	1046.2	1193.5	1345.8
-10°	103.6	149.8	264.5	401.9	525.1	640.7	762.3	891.8	1026.2	1169.4	1318.8
-12.5°	101.1	143.9	247.8	381.8	506.7	621.8	740.6	867.2	998.9	1138.5	1283.1
-15°	98.2	136.6	227.7	357.8	484.2	598.9	713.5	837.6	964.6	1100.1	1238.9
-17.5°	94.8	128.1	204.3	330.1	457.5	572.1	681.4	802.5	926.1	1056.2	1189.8
-20°	91.1	118.2	177.7	298.7	426.0	540.6	648.4	763.0	882.7	1007.2	1134.1



REPORT NUMBER: P558547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	87.0	107.0	155.5	265.6	388.6	504.3	611.7	719.4	832.9	953.1	1073.2
-25°	83.2	101.7	142.0	229.8	347.4	464.4	570.8	672.4	779.7	893.1	1008.2
-27.5°	79.7	96.4	127.0	190.5	302.3	419.6	524.6	624.4	723.8	828.1	937.5
-30°	75.8	90.7	111.0	154.7	255.7	367.1	474.3	571.3	663.9	761.8	863.5
-32.5°	71.7	84.8	101.4	136.2	206.1	310.8	419.1	514.0	603.3	691.5	786.4
-35°	68.0	80.1	94.5	116.8	156.0	252.9	354.7	454.3	539.5	622.3	705.4
-37.5°	64.9	75.2	87.2	102.2	134.1	193.0	286.8	384.7	473.9	551.4	627.4
-40°	61.4	70.2	81.2	94.0	111.8	147.1	219.9	308.2	400.3	479.6	550.7
-42.5°	57.7	66.0	75.6	85.6	99.1	122.4	154.8	233.2	314.9	398.9	472.0
-45°	54.5	61.6	70.0	79.4	89.7	102.6	127.8	157.5	232.9	306.0	382.2
-47.5°	51.2	57.1	64.7	73.1	81.7	91.9	104.0	128.2	155.9	219.5	282.8
-50°	47.9	53.5	59.2	66.9	74.9	82.6	92.2	103.2	123.5	149.1	193.8
-52.5°	44.5	49.8	54.7	60.6	68.0	75.3	81.9	89.8	100.0	113.7	135.9
-55°	41.0	45.7	50.0	54.9	60.8	67.7	73.6	79.2	85.2	94.4	102.5
-57.5°	37.7	41.3	45.3	49.4	54.2	59.6	64.8	69.6	74.7	80.2	85.7
-60°	34.8	37.3	40.4	43.9	47.6	51.9	56.2	60.6	64.6	68.6	73.5
-62.5°	31.7	33.4	35.6	38.6	41.6	44.3	47.6	51.4	55.3	58.3	61.6
-65°	27.7	29.3	30.8	32.9	35.7	37.8	39.9	42.0	45.0	47.9	49.6
-67.5°	23.5	25.2	26.2	26.9	28.9	31.1	32.8	34.4	36.1	38.7	40.8
-70°	19.0	21.1	22.2	22.8	23.0	24.2	25.9	27.2	28.6	31.1	33.4
-72.5°	14.3	16.4	18.0	19.1	19.0	18.8	19.3	20.3	22.3	24.8	27.0
-75°	10.5	11.9	13.5	14.8	14.8	13.9	12.7	12.5	14.9	18.4	21.2
-77.5°	7.2	8.3	9.4	10.5	10.7	10.2	9.3	8.1	9.5	12.4	15.6
-80°	4.4	4.6	5.3	6.0	6.4	6.4	6.1	5.4	6.4	8.1	10.0
-82.5°	2.6	2.8	2.9	2.9	3.0	3.0	2.9	2.9	3.6	4.5	5.4
-85°	1.0	1.0	1.1	1.2	1.4	1.5	1.5	1.5	1.7	1.9	2.2
-87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.4
-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: P558547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-WR-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°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
85°	2.5	2.5	2.4	2.3	2.1	2.2	2.2	2.3	2.4	2.2	2.1
82.5°	6.5	7.0	7.5	7.9	8.5	8.4	8.1	7.8	7.4	6.6	5.7
80°	12.2	13.4	14.1	14.7	15.2	14.8	14.1	13.2	12.3	10.9	9.4
77.5°	18.9	20.1	20.7	21.4	22.2	22.4	22.4	22.5	22.6	20.0	16.8
75°	23.5	25.0	26.3	27.4	28.4	28.9	29.2	29.5	29.8	26.4	22.0
72.5°	28.9	30.4	31.6	32.8	33.9	34.7	35.3	35.8	36.2	33.5	29.6
70°	35.2	36.7	38.0	39.3	40.5	41.6	42.6	43.5	44.3	44.5	44.7
67.5°	42.3	43.2	44.8	46.4	48.3	49.6	51.2	52.6	53.9	55.0	55.9
65°	51.1	54.3	57.5	59.0	59.2	61.2	64.3	66.0	66.5	66.9	67.8
62.5°	66.0	70.0	72.2	74.9	78.8	82.9	84.5	86.8	89.6	92.7	95.6
60°	77.7	81.2	86.3	91.5	96.2	100.4	110.6	119.7	127.5	134.2	140.6
57.5°	92.3	98.0	105.8	120.0	132.9	144.6	164.6	189.0	210.8	229.9	246.6
55°	115.5	132.1	147.0	180.4	216.1	246.9	275.9	306.8	332.0	351.7	369.9
52.5°	155.2	200.7	246.8	290.2	332.8	371.7	406.5	433.9	455.3	471.4	486.6
50°	248.4	303.3	359.5	411.2	453.1	491.3	527.6	554.8	577.6	597.2	614.5
47.5°	350.1	414.3	467.4	515.1	560.2	602.7	642.4	675.5	703.5	729.4	750.9
45°	451.2	508.6	563.1	614.3	663.4	711.0	753.7	791.4	828.5	859.1	883.3
42.5°	536.8	597.5	655.5	714.1	769.0	822.4	874.0	919.8	959.1	992.6	1019.6
40°	618.9	684.4	753.2	818.2	883.5	944.4	1001.5	1053.8	1098.7	1138.3	1171.9
37.5°	702.4	779.0	854.5	928.7	1000.5	1066.8	1132.4	1192.7	1245.3	1291.7	1330.6
35°	790.6	875.0	957.2	1040.7	1119.2	1195.9	1268.4	1334.8	1393.0	1447.7	1494.6
32.5°	879.0	970.4	1063.0	1153.3	1240.3	1326.2	1405.7	1480.5	1549.3	1609.8	1660.0
30°	965.0	1065.6	1164.7	1263.1	1362.4	1456.0	1544.0	1626.2	1700.9	1766.8	1823.8
27.5°	1047.6	1155.7	1261.9	1374.5	1482.4	1584.2	1679.8	1768.2	1851.6	1926.5	1991.2
25°	1123.9	1238.8	1362.6	1480.8	1596.2	1709.1	1813.8	1909.8	2005.1	2087.6	2157.9
22.5°	1196.1	1324.3	1454.7	1578.6	1705.9	1830.0	1947.3	2058.5	2160.4	2246.8	2321.7
20°	1264.7	1402.7	1537.0	1674.2	1812.1	1946.0	2075.1	2194.0	2301.6	2395.8	2480.2
17.5°	1329.5	1472.3	1615.1	1761.5	1910.4	2051.2	2188.0	2317.4	2434.8	2539.3	2634.5
15°	1385.6	1533.1	1686.0	1841.7	1997.4	2147.1	2292.3	2433.2	2565.3	2679.1	2775.1
12.5°	1433.2	1586.9	1748.7	1912.0	2076.1	2233.1	2387.0	2537.7	2678.2	2800.4	2899.0
10°	1472.8	1633.8	1802.7	1972.8	2141.1	2304.3	2464.3	2620.3	2771.1	2897.9	2999.1
7.5°	1505.7	1672.9	1845.7	2020.9	2190.8	2360.2	2527.1	2684.7	2833.3	2967.0	3071.0
5°	1530.3	1700.3	1876.7	2056.3	2228.8	2404.2	2576.2	2737.4	2884.6	3005.7	3090.6
2.5°	1548.6	1717.3	1896.9	2077.7	2252.4	2434.2	2609.8	2771.2	2921.8	3036.4	3110.0
0°	1561.1	1726.7	1915.2	2092.5	2270.2	2456.6	2630.1	2793.3	2944.4	3056.5	3132.5
-2.5°	1548.6	1717.3	1896.9	2077.7	2252.4	2434.2	2609.8	2771.2	2921.8	3036.4	3110.0
-5°	1530.3	1700.3	1876.7	2056.3	2228.8	2404.2	2576.2	2737.4	2884.6	3005.7	3090.6
-7.5°	1505.7	1672.9	1845.7	2020.9	2190.8	2360.2	2527.1	2684.7	2833.3	2967.0	3071.0
-10°	1472.8	1633.8	1802.7	1972.8	2141.1	2304.3	2464.3	2620.3	2771.1	2897.9	2999.1
-12.5°	1433.2	1586.9	1748.7	1912.0	2076.1	2233.1	2387.0	2537.7	2678.2	2800.4	2899.0
-15°	1385.6	1533.1	1686.0	1841.7	1997.4	2147.1	2292.3	2433.2	2565.3	2679.1	2775.1
-17.5°	1329.5	1472.3	1615.1	1761.5	1910.4	2051.2	2188.0	2317.4	2434.8	2539.3	2634.5
-20°	1264.7	1402.7	1537.0	1674.2	1812.1	1946.0	2075.1	2194.0	2301.6	2395.8	2480.2



REPORT NUMBER: P558547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1196.1	1324.3	1454.7	1578.6	1705.9	1830.0	1947.3	2058.5	2160.4	2246.8	2321.7
-25°	1123.9	1238.8	1362.6	1480.8	1596.2	1709.1	1813.8	1909.8	2005.1	2087.6	2157.9
-27.5°	1047.6	1155.7	1261.9	1374.5	1482.4	1584.2	1679.8	1768.2	1851.6	1926.5	1991.2
-30°	965.0	1065.6	1164.7	1263.1	1362.4	1456.0	1544.0	1626.2	1700.9	1766.8	1823.8
-32.5°	879.0	970.4	1063.0	1153.3	1240.3	1326.2	1405.7	1480.5	1549.3	1609.8	1660.0
-35°	790.6	875.0	957.2	1040.7	1119.2	1195.9	1268.4	1334.8	1393.0	1447.7	1494.6
-37.5°	702.4	779.0	854.5	928.7	1000.5	1066.8	1132.4	1192.7	1245.3	1291.7	1330.6
-40°	618.9	684.4	753.2	818.2	883.5	944.4	1001.5	1053.8	1098.7	1138.3	1171.9
-42.5°	536.8	597.5	655.5	714.1	769.0	822.4	874.0	919.8	959.1	992.6	1019.6
-45°	451.2	508.6	563.1	614.3	663.4	711.0	753.7	791.4	828.5	859.1	883.3
-47.5°	350.1	414.3	467.4	515.1	560.2	602.7	642.4	675.5	703.5	729.4	750.9
-50°	248.4	303.3	359.5	411.2	453.1	491.3	527.6	554.8	577.6	597.2	614.5
-52.5°	155.2	200.7	246.8	290.2	332.8	371.7	406.5	433.9	455.3	471.4	486.6
-55°	115.5	132.1	147.0	180.4	216.1	246.9	275.9	306.8	332.0	351.7	369.9
-57.5°	92.3	98.0	105.8	120.0	132.9	144.6	164.6	189.0	210.8	229.9	246.6
-60°	77.7	81.2	86.3	91.5	96.2	100.4	110.6	119.7	127.5	134.2	140.6
-62.5°	66.0	70.0	72.2	74.9	78.8	82.9	84.5	86.8	89.6	92.7	95.6
-65°	51.1	54.3	57.5	59.0	59.2	61.2	64.3	66.0	66.5	66.9	67.8
-67.5°	42.3	43.2	44.8	46.4	48.3	49.6	51.2	52.6	53.9	55.0	55.9
-70°	35.2	36.7	38.0	39.3	40.5	41.6	42.6	43.5	44.3	44.5	44.7
-72.5°	28.9	30.4	31.6	32.8	33.9	34.7	35.3	35.8	36.2	33.5	29.6
-75°	23.5	25.0	26.3	27.4	28.4	28.9	29.2	29.5	29.8	26.4	22.0
-77.5°	18.9	20.1	20.7	21.4	22.2	22.4	22.4	22.5	22.6	20.0	16.8
-80°	12.2	13.4	14.1	14.7	15.2	14.8	14.1	13.2	12.3	10.9	9.4
-82.5°	6.5	7.0	7.5	7.9	8.5	8.4	8.1	7.8	7.4	6.6	5.7
-85°	2.5	2.5	2.4	2.3	2.1	2.2	2.2	2.3	2.4	2.2	2.1
-87.5°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-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: P558547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-WR-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°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
85°	1.9	1.7	1.7	1.7	1.7	1.7	1.9	2.1	2.2	2.4	2.3
82.5°	4.7	3.7	3.9	4.2	3.9	3.7	4.7	5.7	6.6	7.4	7.8
80°	7.8	6.2	6.4	6.6	6.4	6.2	7.8	9.4	10.9	12.3	13.2
77.5°	13.3	9.6	9.3	9.1	9.3	9.6	13.3	16.8	20.0	22.6	22.5
75°	17.4	12.8	12.5	12.5	12.5	12.8	17.4	22.0	26.4	29.8	29.5
72.5°	25.7	21.7	19.0	16.2	19.0	21.7	25.7	29.6	33.5	36.2	35.8
70°	45.2	45.7	45.5	44.8	45.5	45.7	45.2	44.7	44.5	44.3	43.5
67.5°	56.7	57.3	57.4	57.3	57.4	57.3	56.7	55.9	55.0	53.9	52.6
65°	68.5	68.9	69.2	69.3	69.2	68.9	68.5	67.8	66.9	66.5	66.0
62.5°	97.7	99.2	100.7	101.7	100.7	99.2	97.7	95.6	92.7	89.6	86.8
60°	146.3	150.9	153.0	153.2	153.0	150.9	146.3	140.6	134.2	127.5	119.7
57.5°	260.0	270.0	278.9	285.6	278.9	270.0	260.0	246.6	229.9	210.8	189.0
55°	384.4	395.1	401.1	402.7	401.1	395.1	384.4	369.9	351.7	332.0	306.8
52.5°	498.1	505.2	511.9	517.7	511.9	505.2	498.1	486.6	471.4	455.3	433.9
50°	627.6	635.5	642.2	647.3	642.2	635.5	627.6	614.5	597.2	577.6	554.8
47.5°	766.0	775.7	782.8	787.6	782.8	775.7	766.0	750.9	729.4	703.5	675.5
45°	904.1	920.7	930.7	932.5	930.7	920.7	904.1	883.3	859.1	828.5	791.4
42.5°	1042.9	1058.8	1069.5	1077.4	1069.5	1058.8	1042.9	1019.6	992.6	959.1	919.8
40°	1199.9	1219.8	1229.0	1223.1	1229.0	1219.8	1199.9	1171.9	1138.3	1098.7	1053.8
37.5°	1360.7	1381.2	1391.7	1391.2	1391.7	1381.2	1360.7	1330.6	1291.7	1245.3	1192.7
35°	1531.2	1556.6	1570.3	1566.9	1570.3	1556.6	1531.2	1494.6	1447.7	1393.0	1334.8
32.5°	1700.1	1730.8	1750.6	1753.7	1750.6	1730.8	1700.1	1660.0	1609.8	1549.3	1480.5
30°	1869.5	1902.7	1922.4	1924.3	1922.4	1902.7	1869.5	1823.8	1766.8	1700.9	1626.2
27.5°	2045.5	2082.7	2103.3	2108.3	2103.3	2082.7	2045.5	1991.2	1926.5	1851.6	1768.2
25°	2217.8	2259.0	2282.7	2291.8	2282.7	2259.0	2217.8	2157.9	2087.6	2005.1	1909.8
22.5°	2383.9	2429.0	2459.9	2467.8	2459.9	2429.0	2383.9	2321.7	2246.8	2160.4	2058.5
20°	2550.4	2603.8	2643.3	2647.2	2643.3	2603.8	2550.4	2480.2	2395.8	2301.6	2194.0
17.5°	2710.8	2768.5	2810.8	2821.1	2810.8	2768.5	2710.8	2634.5	2539.3	2434.8	2317.4
15°	2854.4	2915.0	2955.8	2964.8	2955.8	2915.0	2854.4	2775.1	2679.1	2565.3	2433.2
12.5°	2978.3	3034.2	3072.2	3086.8	3072.2	3034.2	2978.3	2899.0	2800.4	2678.2	2537.7
10°	3078.1	3121.3	3155.3	3170.7	3155.3	3121.3	3078.1	2999.1	2897.9	2771.1	2620.3
7.5°	3133.8	3169.3	3193.0	3201.4	3193.0	3169.3	3133.8	3071.0	2967.0	2833.3	2684.7
5°	3155.9	3189.9	3202.7	3210.1	3202.7	3189.9	3155.9	3090.6	3005.7	2884.6	2737.4
2.5°	3158.9	3186.1	3212.4	3229.6	3212.4	3186.1	3158.9	3110.0	3036.4	2921.8	2771.2
0°	3176.5	3203.1	3217.6	3225.9	3217.6	3203.1	3176.5	3132.5	3056.5	2944.4	2793.3
-2.5°	3158.9	3186.1	3212.4	3229.6	3212.4	3186.1	3158.9	3110.0	3036.4	2921.8	2771.2
-5°	3155.9	3189.9	3202.7	3210.1	3202.7	3189.9	3155.9	3090.6	3005.7	2884.6	2737.4
-7.5°	3133.8	3169.3	3193.0	3201.4	3193.0	3169.3	3133.8	3071.0	2967.0	2833.3	2684.7
-10°	3078.1	3121.3	3155.3	3170.7	3155.3	3121.3	3078.1	2999.1	2897.9	2771.1	2620.3
-12.5°	2978.3	3034.2	3072.2	3086.8	3072.2	3034.2	2978.3	2899.0	2800.4	2678.2	2537.7
-15°	2854.4	2915.0	2955.8	2964.8	2955.8	2915.0	2854.4	2775.1	2679.1	2565.3	2433.2
-17.5°	2710.8	2768.5	2810.8	2821.1	2810.8	2768.5	2710.8	2634.5	2539.3	2434.8	2317.4
-20°	2550.4	2603.8	2643.3	2647.2	2643.3	2603.8	2550.4	2480.2	2395.8	2301.6	2194.0



REPORT NUMBER: P558547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2383.9	2429.0	2459.9	2467.8	2459.9	2429.0	2383.9	2321.7	2246.8	2160.4	2058.5
-25°	2217.8	2259.0	2282.7	2291.8	2282.7	2259.0	2217.8	2157.9	2087.6	2005.1	1909.8
-27.5°	2045.5	2082.7	2103.3	2108.3	2103.3	2082.7	2045.5	1991.2	1926.5	1851.6	1768.2
-30°	1869.5	1902.7	1922.4	1924.3	1922.4	1902.7	1869.5	1823.8	1766.8	1700.9	1626.2
-32.5°	1700.1	1730.8	1750.6	1753.7	1750.6	1730.8	1700.1	1660.0	1609.8	1549.3	1480.5
-35°	1531.2	1556.6	1570.3	1566.9	1570.3	1556.6	1531.2	1494.6	1447.7	1393.0	1334.8
-37.5°	1360.7	1381.2	1391.7	1391.2	1391.7	1381.2	1360.7	1330.6	1291.7	1245.3	1192.7
-40°	1199.9	1219.8	1229.0	1223.1	1229.0	1219.8	1199.9	1171.9	1138.3	1098.7	1053.8
-42.5°	1042.9	1058.8	1069.5	1077.4	1069.5	1058.8	1042.9	1019.6	992.6	959.1	919.8
-45°	904.1	920.7	930.7	932.5	930.7	920.7	904.1	883.3	859.1	828.5	791.4
-47.5°	766.0	775.7	782.8	787.6	782.8	775.7	766.0	750.9	729.4	703.5	675.5
-50°	627.6	635.5	642.2	647.3	642.2	635.5	627.6	614.5	597.2	577.6	554.8
-52.5°	498.1	505.2	511.9	517.7	511.9	505.2	498.1	486.6	471.4	455.3	433.9
-55°	384.4	395.1	401.1	402.7	401.1	395.1	384.4	369.9	351.7	332.0	306.8
-57.5°	260.0	270.0	278.9	285.6	278.9	270.0	260.0	246.6	229.9	210.8	189.0
-60°	146.3	150.9	153.0	153.2	153.0	150.9	146.3	140.6	134.2	127.5	119.7
-62.5°	97.7	99.2	100.7	101.7	100.7	99.2	97.7	95.6	92.7	89.6	86.8
-65°	68.5	68.9	69.2	69.3	69.2	68.9	68.5	67.8	66.9	66.5	66.0
-67.5°	56.7	57.3	57.4	57.3	57.4	57.3	56.7	55.9	55.0	53.9	52.6
-70°	45.2	45.7	45.5	44.8	45.5	45.7	45.2	44.7	44.5	44.3	43.5
-72.5°	25.7	21.7	19.0	16.2	19.0	21.7	25.7	29.6	33.5	36.2	35.8
-75°	17.4	12.8	12.5	12.5	12.5	12.8	17.4	22.0	26.4	29.8	29.5
-77.5°	13.3	9.6	9.3	9.1	9.3	9.6	13.3	16.8	20.0	22.6	22.5
-80°	7.8	6.2	6.4	6.6	6.4	6.2	7.8	9.4	10.9	12.3	13.2
-82.5°	4.7	3.7	3.9	4.2	3.9	3.7	4.7	5.7	6.6	7.4	7.8
-85°	1.9	1.7	1.7	1.7	1.7	1.7	1.9	2.1	2.2	2.4	2.3
-87.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-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: P558547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-WR-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°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.5	0.5	0.6
85°	2.2	2.2	2.1	2.3	2.4	2.5	2.5	2.2	1.9	1.7	1.5
82.5°	8.1	8.4	8.5	7.9	7.5	7.0	6.5	5.4	4.5	3.6	2.9
80°	14.1	14.8	15.2	14.7	14.1	13.4	12.2	10.0	8.1	6.4	5.4
77.5°	22.4	22.4	22.2	21.4	20.7	20.1	18.9	15.6	12.4	9.5	8.1
75°	29.2	28.9	28.4	27.4	26.3	25.0	23.5	21.2	18.4	14.9	12.5
72.5°	35.3	34.7	33.9	32.8	31.6	30.4	28.9	27.0	24.8	22.3	20.3
70°	42.6	41.6	40.5	39.3	38.0	36.7	35.2	33.4	31.1	28.6	27.2
67.5°	51.2	49.6	48.3	46.4	44.8	43.2	42.3	40.8	38.7	36.1	34.4
65°	64.3	61.2	59.2	59.0	57.5	54.3	51.1	49.6	47.9	45.0	42.0
62.5°	84.5	82.9	78.8	74.9	72.2	70.0	66.0	61.6	58.3	55.3	51.4
60°	110.6	100.4	96.2	91.5	86.3	81.2	77.7	73.5	68.6	64.6	60.6
57.5°	164.6	144.6	132.9	120.0	105.8	98.0	92.3	85.7	80.2	74.7	69.6
55°	275.9	246.9	216.1	180.4	147.0	132.1	115.5	102.5	94.4	85.2	79.2
52.5°	406.5	371.7	332.8	290.2	246.8	200.7	155.2	135.9	113.7	100.0	89.8
50°	527.6	491.3	453.1	411.2	359.5	303.3	248.4	193.8	149.1	123.5	103.2
47.5°	642.4	602.7	560.2	515.1	467.4	414.3	350.1	282.8	219.5	155.9	128.2
45°	753.7	711.0	663.4	614.3	563.1	508.6	451.2	382.2	306.0	232.9	157.5
42.5°	874.0	822.4	769.0	714.1	655.5	597.5	536.8	472.0	398.9	314.9	233.2
40°	1001.5	944.4	883.5	818.2	753.2	684.4	618.9	550.7	479.6	400.3	308.2
37.5°	1132.4	1066.8	1000.5	928.7	854.5	779.0	702.4	627.4	551.4	473.9	384.7
35°	1268.4	1195.9	1119.2	1040.7	957.2	875.0	790.6	705.4	622.3	539.5	454.3
32.5°	1405.7	1326.2	1240.3	1153.3	1063.0	970.4	879.0	786.4	691.5	603.3	514.0
30°	1544.0	1456.0	1362.4	1263.1	1164.7	1065.6	965.0	863.5	761.8	663.9	571.3
27.5°	1679.8	1584.2	1482.4	1374.5	1261.9	1155.7	1047.6	937.5	828.1	723.8	624.4
25°	1813.8	1709.1	1596.2	1480.8	1362.6	1238.8	1123.9	1008.2	893.1	779.7	672.4
22.5°	1947.3	1830.0	1705.9	1578.6	1454.7	1324.3	1196.1	1073.2	953.1	832.9	719.4
20°	2075.1	1946.0	1812.1	1674.2	1537.0	1402.7	1264.7	1134.1	1007.2	882.7	763.0
17.5°	2188.0	2051.2	1910.4	1761.5	1615.1	1472.3	1329.5	1189.8	1056.2	926.1	802.5
15°	2292.3	2147.1	1997.4	1841.7	1686.0	1533.1	1385.6	1238.9	1100.1	964.6	837.6
12.5°	2387.0	2233.1	2076.1	1912.0	1748.7	1586.9	1433.2	1283.1	1138.5	998.9	867.2
10°	2464.3	2304.3	2141.1	1972.8	1802.7	1633.8	1472.8	1318.8	1169.4	1026.2	891.8
7.5°	2527.1	2360.2	2190.8	2020.9	1845.7	1672.9	1505.7	1345.8	1193.5	1046.2	911.2
5°	2576.2	2404.2	2228.8	2056.3	1876.7	1700.3	1530.3	1363.9	1210.5	1059.0	925.1
2.5°	2609.8	2434.2	2252.4	2077.7	1896.9	1717.3	1548.6	1377.9	1222.5	1072.5	937.3
0°	2630.1	2456.6	2270.2	2092.5	1915.2	1726.7	1561.1	1387.5	1227.7	1081.1	943.7
-2.5°	2609.8	2434.2	2252.4	2077.7	1896.9	1717.3	1548.6	1377.9	1222.5	1072.5	937.3
-5°	2576.2	2404.2	2228.8	2056.3	1876.7	1700.3	1530.3	1363.9	1210.5	1059.0	925.1
-7.5°	2527.1	2360.2	2190.8	2020.9	1845.7	1672.9	1505.7	1345.8	1193.5	1046.2	911.2
-10°	2464.3	2304.3	2141.1	1972.8	1802.7	1633.8	1472.8	1318.8	1169.4	1026.2	891.8
-12.5°	2387.0	2233.1	2076.1	1912.0	1748.7	1586.9	1433.2	1283.1	1138.5	998.9	867.2
-15°	2292.3	2147.1	1997.4	1841.7	1686.0	1533.1	1385.6	1238.9	1100.1	964.6	837.6
-17.5°	2188.0	2051.2	1910.4	1761.5	1615.1	1472.3	1329.5	1189.8	1056.2	926.1	802.5
-20°	2075.1	1946.0	1812.1	1674.2	1537.0	1402.7	1264.7	1134.1	1007.2	882.7	763.0



REPORT NUMBER: P558547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1947.3	1830.0	1705.9	1578.6	1454.7	1324.3	1196.1	1073.2	953.1	832.9	719.4
-25°	1813.8	1709.1	1596.2	1480.8	1362.6	1238.8	1123.9	1008.2	893.1	779.7	672.4
-27.5°	1679.8	1584.2	1482.4	1374.5	1261.9	1155.7	1047.6	937.5	828.1	723.8	624.4
-30°	1544.0	1456.0	1362.4	1263.1	1164.7	1065.6	965.0	863.5	761.8	663.9	571.3
-32.5°	1405.7	1326.2	1240.3	1153.3	1063.0	970.4	879.0	786.4	691.5	603.3	514.0
-35°	1268.4	1195.9	1119.2	1040.7	957.2	875.0	790.6	705.4	622.3	539.5	454.3
-37.5°	1132.4	1066.8	1000.5	928.7	854.5	779.0	702.4	627.4	551.4	473.9	384.7
-40°	1001.5	944.4	883.5	818.2	753.2	684.4	618.9	550.7	479.6	400.3	308.2
-42.5°	874.0	822.4	769.0	714.1	655.5	597.5	536.8	472.0	398.9	314.9	233.2
-45°	753.7	711.0	663.4	614.3	563.1	508.6	451.2	382.2	306.0	232.9	157.5
-47.5°	642.4	602.7	560.2	515.1	467.4	414.3	350.1	282.8	219.5	155.9	128.2
-50°	527.6	491.3	453.1	411.2	359.5	303.3	248.4	193.8	149.1	123.5	103.2
-52.5°	406.5	371.7	332.8	290.2	246.8	200.7	155.2	135.9	113.7	100.0	89.8
-55°	275.9	246.9	216.1	180.4	147.0	132.1	115.5	102.5	94.4	85.2	79.2
-57.5°	164.6	144.6	132.9	120.0	105.8	98.0	92.3	85.7	80.2	74.7	69.6
-60°	110.6	100.4	96.2	91.5	86.3	81.2	77.7	73.5	68.6	64.6	60.6
-62.5°	84.5	82.9	78.8	74.9	72.2	70.0	66.0	61.6	58.3	55.3	51.4
-65°	64.3	61.2	59.2	59.0	57.5	54.3	51.1	49.6	47.9	45.0	42.0
-67.5°	51.2	49.6	48.3	46.4	44.8	43.2	42.3	40.8	38.7	36.1	34.4
-70°	42.6	41.6	40.5	39.3	38.0	36.7	35.2	33.4	31.1	28.6	27.2
-72.5°	35.3	34.7	33.9	32.8	31.6	30.4	28.9	27.0	24.8	22.3	20.3
-75°	29.2	28.9	28.4	27.4	26.3	25.0	23.5	21.2	18.4	14.9	12.5
-77.5°	22.4	22.4	22.2	21.4	20.7	20.1	18.9	15.6	12.4	9.5	8.1
-80°	14.1	14.8	15.2	14.7	14.1	13.4	12.2	10.0	8.1	6.4	5.4
-82.5°	8.1	8.4	8.5	7.9	7.5	7.0	6.5	5.4	4.5	3.6	2.9
-85°	2.2	2.2	2.1	2.3	2.4	2.5	2.5	2.2	1.9	1.7	1.5
-87.5°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.5	0.5	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



REPORT NUMBER: P558547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-WR-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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
85°	1.5	1.5	1.4	1.2	1.1	1.0	1.0	1.0	0.9	0.8	0.7
82.5°	2.9	3.0	3.0	2.9	2.9	2.8	2.6	2.3	1.8	1.3	1.1
80°	6.1	6.4	6.4	6.0	5.3	4.6	4.4	4.1	3.3	2.6	2.0
77.5°	9.3	10.2	10.7	10.5	9.4	8.3	7.2	6.1	4.9	4.0	3.1
75°	12.7	13.9	14.8	14.8	13.5	11.9	10.5	9.0	7.2	5.4	4.2
72.5°	19.3	18.8	19.0	19.1	18.0	16.4	14.3	11.9	9.8	7.7	5.6
70°	25.9	24.2	23.0	22.8	22.2	21.1	19.0	15.8	12.4	10.0	7.6
67.5°	32.8	31.1	28.9	26.9	26.2	25.2	23.5	19.8	15.8	12.3	9.6
65°	39.9	37.8	35.7	32.9	30.8	29.3	27.7	23.6	19.1	15.0	11.5
62.5°	47.6	44.3	41.6	38.6	35.6	33.4	31.7	27.3	22.4	17.7	13.6
60°	56.2	51.9	47.6	43.9	40.4	37.3	34.8	31.1	25.9	20.2	15.7
57.5°	64.8	59.6	54.2	49.4	45.3	41.3	37.7	34.2	29.4	23.3	17.6
55°	73.6	67.7	60.8	54.9	50.0	45.7	41.0	36.9	32.7	26.5	19.0
52.5°	81.9	75.3	68.0	60.6	54.7	49.8	44.5	39.7	35.3	29.8	21.2
50°	92.2	82.6	74.9	66.9	59.2	53.5	47.9	42.7	37.9	32.7	23.2
47.5°	104.0	91.9	81.7	73.1	64.7	57.1	51.2	45.5	40.4	35.0	25.0
45°	127.8	102.6	89.7	79.4	70.0	61.6	54.5	48.1	42.7	36.0	26.5
42.5°	154.8	122.4	99.1	85.6	75.6	66.0	57.7	50.9	44.9	36.6	27.3
40°	219.9	147.1	111.8	94.0	81.2	70.2	61.4	53.8	46.7	37.0	27.6
37.5°	286.8	193.0	134.1	102.2	87.2	75.2	64.9	56.5	47.4	37.4	27.7
35°	354.7	252.9	156.0	116.8	94.5	80.1	68.0	59.2	49.2	37.8	27.6
32.5°	419.1	310.8	206.1	136.2	101.4	84.8	71.7	61.9	51.4	38.2	27.2
30°	474.3	367.1	255.7	154.7	111.0	90.7	75.8	64.5	54.0	38.5	26.8
27.5°	524.6	419.6	302.3	190.5	127.0	96.4	79.7	66.9	57.0	39.5	26.9
25°	570.8	464.4	347.4	229.8	142.0	101.7	83.2	69.2	59.4	41.5	26.9
22.5°	611.7	504.3	388.6	265.6	155.5	107.0	87.0	72.1	61.2	43.7	26.8
20°	648.4	540.6	426.0	298.7	177.7	118.2	91.1	74.7	62.9	45.9	26.7
17.5°	681.4	572.1	457.5	330.1	204.3	128.1	94.8	77.0	64.4	48.1	26.4
15°	713.5	598.9	484.2	357.8	227.7	136.6	98.2	78.9	65.7	50.3	26.3
12.5°	740.6	621.8	506.7	381.8	247.8	143.9	101.1	80.5	66.8	52.2	26.1
10°	762.3	640.7	525.1	401.9	264.5	149.8	103.6	81.8	67.6	53.8	25.6
7.5°	778.6	655.5	539.2	417.9	277.7	154.7	105.2	82.5	68.3	55.1	24.8
5°	790.4	666.6	549.5	429.7	287.3	158.6	106.2	82.8	68.9	56.0	23.8
2.5°	800.2	674.4	556.0	437.3	293.1	161.3	106.7	82.9	69.2	56.5	22.5
0°	805.0	678.0	558.4	440.5	295.2	162.7	106.7	82.6	69.3	56.5	21.2
-2.5°	800.2	674.4	556.0	437.3	293.1	161.3	106.7	82.9	69.2	56.5	22.5
-5°	790.4	666.6	549.5	429.7	287.3	158.6	106.2	82.8	68.9	56.0	23.8
-7.5°	778.6	655.5	539.2	417.9	277.7	154.7	105.2	82.5	68.3	55.1	24.8
-10°	762.3	640.7	525.1	401.9	264.5	149.8	103.6	81.8	67.6	53.8	25.6
-12.5°	740.6	621.8	506.7	381.8	247.8	143.9	101.1	80.5	66.8	52.2	26.1
-15°	713.5	598.9	484.2	357.8	227.7	136.6	98.2	78.9	65.7	50.3	26.3
-17.5°	681.4	572.1	457.5	330.1	204.3	128.1	94.8	77.0	64.4	48.1	26.4
-20°	648.4	540.6	426.0	298.7	177.7	118.2	91.1	74.7	62.9	45.9	26.7



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	611.7	504.3	388.6	265.6	155.5	107.0	87.0	72.1	61.2	43.7	26.8
-25°	570.8	464.4	347.4	229.8	142.0	101.7	83.2	69.2	59.4	41.5	26.9
-27.5°	524.6	419.6	302.3	190.5	127.0	96.4	79.7	66.9	57.0	39.5	26.9
-30°	474.3	367.1	255.7	154.7	111.0	90.7	75.8	64.5	54.0	38.5	26.8
-32.5°	419.1	310.8	206.1	136.2	101.4	84.8	71.7	61.9	51.4	38.2	27.2
-35°	354.7	252.9	156.0	116.8	94.5	80.1	68.0	59.2	49.2	37.8	27.6
-37.5°	286.8	193.0	134.1	102.2	87.2	75.2	64.9	56.5	47.4	37.4	27.7
-40°	219.9	147.1	111.8	94.0	81.2	70.2	61.4	53.8	46.7	37.0	27.6
-42.5°	154.8	122.4	99.1	85.6	75.6	66.0	57.7	50.9	44.9	36.6	27.3
-45°	127.8	102.6	89.7	79.4	70.0	61.6	54.5	48.1	42.7	36.0	26.5
-47.5°	104.0	91.9	81.7	73.1	64.7	57.1	51.2	45.5	40.4	35.0	25.0
-50°	92.2	82.6	74.9	66.9	59.2	53.5	47.9	42.7	37.9	32.7	23.2
-52.5°	81.9	75.3	68.0	60.6	54.7	49.8	44.5	39.7	35.3	29.8	21.2
-55°	73.6	67.7	60.8	54.9	50.0	45.7	41.0	36.9	32.7	26.5	19.0
-57.5°	64.8	59.6	54.2	49.4	45.3	41.3	37.7	34.2	29.4	23.3	17.6
-60°	56.2	51.9	47.6	43.9	40.4	37.3	34.8	31.1	25.9	20.2	15.7
-62.5°	47.6	44.3	41.6	38.6	35.6	33.4	31.7	27.3	22.4	17.7	13.6
-65°	39.9	37.8	35.7	32.9	30.8	29.3	27.7	23.6	19.1	15.0	11.5
-67.5°	32.8	31.1	28.9	26.9	26.2	25.2	23.5	19.8	15.8	12.3	9.6
-70°	25.9	24.2	23.0	22.8	22.2	21.1	19.0	15.8	12.4	10.0	7.6
-72.5°	19.3	18.8	19.0	19.1	18.0	16.4	14.3	11.9	9.8	7.7	5.6
-75°	12.7	13.9	14.8	14.8	13.5	11.9	10.5	9.0	7.2	5.4	4.2
-77.5°	9.3	10.2	10.7	10.5	9.4	8.3	7.2	6.1	4.9	4.0	3.1
-80°	6.1	6.4	6.4	6.0	5.3	4.6	4.4	4.1	3.3	2.6	2.0
-82.5°	2.9	3.0	3.0	2.9	2.9	2.8	2.6	2.3	1.8	1.3	1.1
-85°	1.5	1.5	1.4	1.2	1.1	1.0	1.0	1.0	0.9	0.8	0.7
-87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
85°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
82.5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
80°	1.3	1.0	0.8	0.6	0.4	0.2	0.0
77.5°	2.3	1.4	1.0	0.8	0.5	0.3	0.0
75°	3.2	2.1	1.3	0.9	0.6	0.3	0.0
72.5°	4.1	2.8	1.7	1.1	0.7	0.4	0.0
70°	5.0	3.4	2.2	1.3	0.8	0.4	0.0
67.5°	6.5	4.0	2.6	1.5	0.9	0.5	0.0
65°	8.0	4.8	2.9	1.8	1.0	0.5	0.0
62.5°	9.3	5.7	3.3	2.0	1.1	0.6	0.0
60°	10.5	6.5	3.7	2.2	1.2	0.6	0.0
57.5°	11.7	7.3	4.2	2.4	1.3	0.6	0.0
55°	12.8	8.0	4.6	2.6	1.4	0.7	0.0
52.5°	13.8	8.6	5.0	2.8	1.6	0.7	0.0
50°	14.5	9.2	5.4	2.9	1.7	0.8	0.0
47.5°	15.3	9.7	5.7	3.1	1.8	0.8	0.0
45°	16.5	10.0	5.9	3.2	1.9	0.8	0.0
42.5°	17.6	10.2	6.1	3.4	2.0	0.9	0.0
40°	18.4	10.4	6.2	3.5	2.1	0.9	0.0
37.5°	19.0	10.4	6.2	3.7	2.2	1.0	0.0
35°	19.4	10.6	6.2	3.9	2.3	1.0	0.0
32.5°	19.5	10.9	6.2	4.0	2.4	1.0	0.0
30°	19.1	11.0	6.0	4.2	2.4	1.0	0.0
27.5°	18.6	11.0	6.2	4.3	2.5	1.1	0.0
25°	17.9	10.9	6.3	4.4	2.6	1.1	0.0
22.5°	17.1	10.9	6.5	4.5	2.6	1.1	0.0
20°	16.1	11.4	6.7	4.6	2.7	1.1	0.0
17.5°	16.0	11.9	6.8	4.7	2.7	1.1	0.0
15°	16.3	12.3	7.0	4.8	2.8	1.2	0.0
12.5°	16.6	12.6	7.1	4.8	2.8	1.2	0.0
10°	16.8	12.8	7.2	4.9	2.8	1.2	0.0
7.5°	17.0	13.0	7.3	4.9	2.9	1.2	0.0
5°	17.2	13.2	7.4	5.0	2.9	1.2	0.0
2.5°	17.3	13.3	7.5	5.0	2.9	1.2	0.0
0°	17.4	13.3	7.5	5.0	2.9	1.2	0.0
-2.5°	17.3	13.3	7.5	5.0	2.9	1.2	0.0
-5°	17.2	13.2	7.4	5.0	2.9	1.2	0.0
-7.5°	17.0	13.0	7.3	4.9	2.9	1.2	0.0
-10°	16.8	12.8	7.2	4.9	2.8	1.2	0.0
-12.5°	16.6	12.6	7.1	4.8	2.8	1.2	0.0
-15°	16.3	12.3	7.0	4.8	2.8	1.2	0.0
-17.5°	16.0	11.9	6.8	4.7	2.7	1.1	0.0
-20°	16.1	11.4	6.7	4.6	2.7	1.1	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	17.1	10.9	6.5	4.5	2.6	1.1	0.0
-25°	17.9	10.9	6.3	4.4	2.6	1.1	0.0
-27.5°	18.6	11.0	6.2	4.3	2.5	1.1	0.0
-30°	19.1	11.0	6.0	4.2	2.4	1.0	0.0
-32.5°	19.5	10.9	6.2	4.0	2.4	1.0	0.0
-35°	19.4	10.6	6.2	3.9	2.3	1.0	0.0
-37.5°	19.0	10.4	6.2	3.7	2.2	1.0	0.0
-40°	18.4	10.4	6.2	3.5	2.1	0.9	0.0
-42.5°	17.6	10.2	6.1	3.4	2.0	0.9	0.0
-45°	16.5	10.0	5.9	3.2	1.9	0.8	0.0
-47.5°	15.3	9.7	5.7	3.1	1.8	0.8	0.0
-50°	14.5	9.2	5.4	2.9	1.7	0.8	0.0
-52.5°	13.8	8.6	5.0	2.8	1.6	0.7	0.0
-55°	12.8	8.0	4.6	2.6	1.4	0.7	0.0
-57.5°	11.7	7.3	4.2	2.4	1.3	0.6	0.0
-60°	10.5	6.5	3.7	2.2	1.2	0.6	0.0
-62.5°	9.3	5.7	3.3	2.0	1.1	0.6	0.0
-65°	8.0	4.8	2.9	1.8	1.0	0.5	0.0
-67.5°	6.5	4.0	2.6	1.5	0.9	0.5	0.0
-70°	5.0	3.4	2.2	1.3	0.8	0.4	0.0
-72.5°	4.1	2.8	1.7	1.1	0.7	0.4	0.0
-75°	3.2	2.1	1.3	0.9	0.6	0.3	0.0
-77.5°	2.3	1.4	1.0	0.8	0.5	0.3	0.0
-80°	1.3	1.0	0.8	0.6	0.4	0.2	0.0
-82.5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
-85°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-87.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)