

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: P558995 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-935-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558995 (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-SA4E-935-U-WR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (64) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

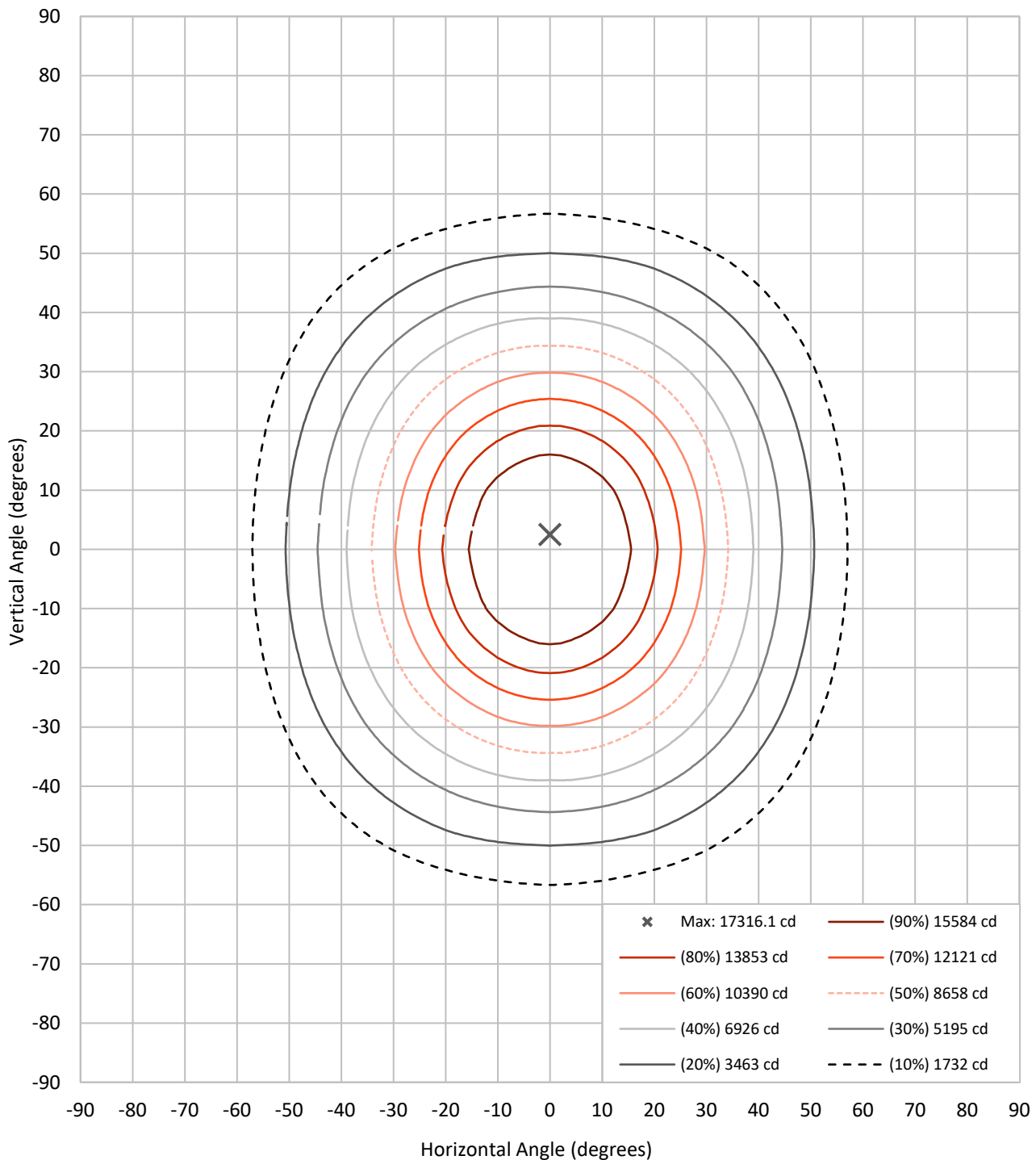
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	23435.7 lumens	Max Intensity:	17316.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	93.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	14051.4 lumens	Field Lumens:	22387.4 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 250
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: P558995 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





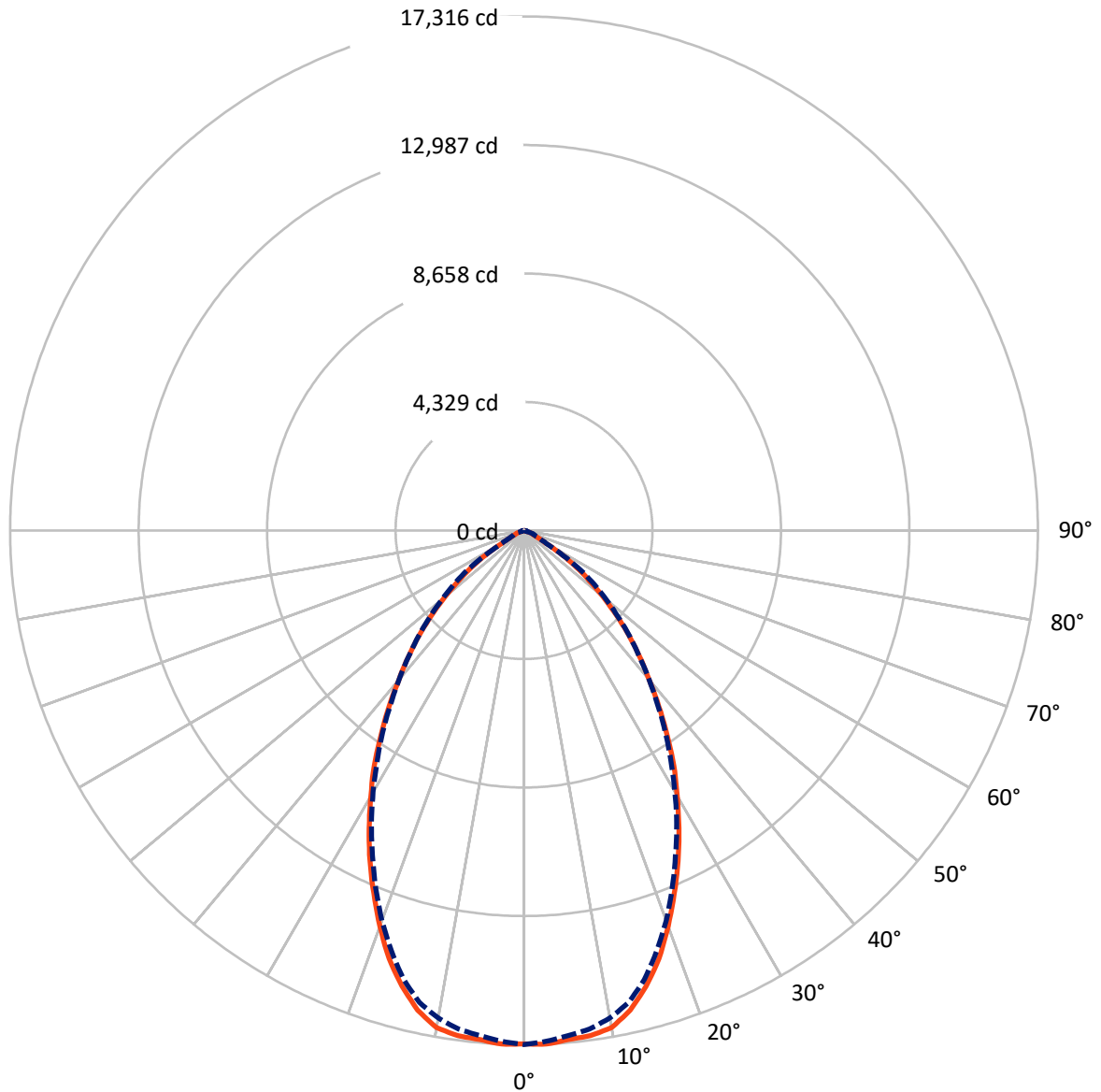
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Lumen Table

90																			
80	0.2	2.3		5.6		9.8		6.9		9.8		5.6		2.3		0.2			
70																			
60	1.1	1.6	3.1	5.0	7.2	9.4	11.6	13.1	13.1	11.6	9.4	7.2	5.0	3.1	1.6	1.1			
50		2.6	5.2	9.4	18.2	35.2	52.8	63.2	63.2	52.8	35.2	18.2	9.4	5.2	2.6				
40	1.8	3.4	7.7	22.4	59.1	98.2	130.6	149.0	149.0	130.6	98.2	59.1	22.4	7.7	3.4	1.8			
30		4.1	13.2	51.8	106.1	165.6	219.4	251.7	251.7	219.4	165.6	106.1	51.8	13.2	4.1				
20	2.0	5.0	24.0	78.2	150.5	235.5	314.8	364.6	364.6	314.8	235.5	150.5	78.2	24.0	5.0	2.0			
10		5.9	34.2	97.4	185.4	294.2	400.8	468.1	468.1	400.8	294.2	185.4	97.4	34.2	5.9				
0	2.1	6.5	40.0	107.7	205.2	328.8	450.2	514.6	514.6	450.2	328.8	205.2	107.7	40.0	6.5	2.1			
-10		6.5	40.0	107.7	205.2	328.8	450.2	514.6	514.6	450.2	328.8	205.2	107.7	40.0	6.5				
-20	2.0	5.9	34.2	97.4	185.4	294.2	400.8	468.1	468.1	400.8	294.2	185.4	97.4	34.2	5.9	2.0			
-30		5.0	24.0	78.2	150.5	235.5	314.8	364.6	364.6	314.8	235.5	150.5	78.2	24.0	5.0				
-40	1.8	4.1	13.2	51.8	106.1	165.6	219.4	251.7	251.7	219.4	165.6	106.1	51.8	13.2	4.1	1.8			
-50		3.4	7.7	22.4	59.1	98.2	130.6	149.0	149.0	130.6	98.2	59.1	22.4	7.7	3.4				
-60	1.1	2.6	5.2	9.4	18.2	35.2	52.8	63.2	63.2	52.8	35.2	18.2	9.4	5.2	2.6	1.1			
-70		1.6	3.1	5.0	7.2	9.4	11.6	13.1	13.1	11.6	9.4	7.2	5.0	3.1	1.6				
-80	0.2	2.3		5.6		9.8		6.9		9.8		5.6		2.3		0.2			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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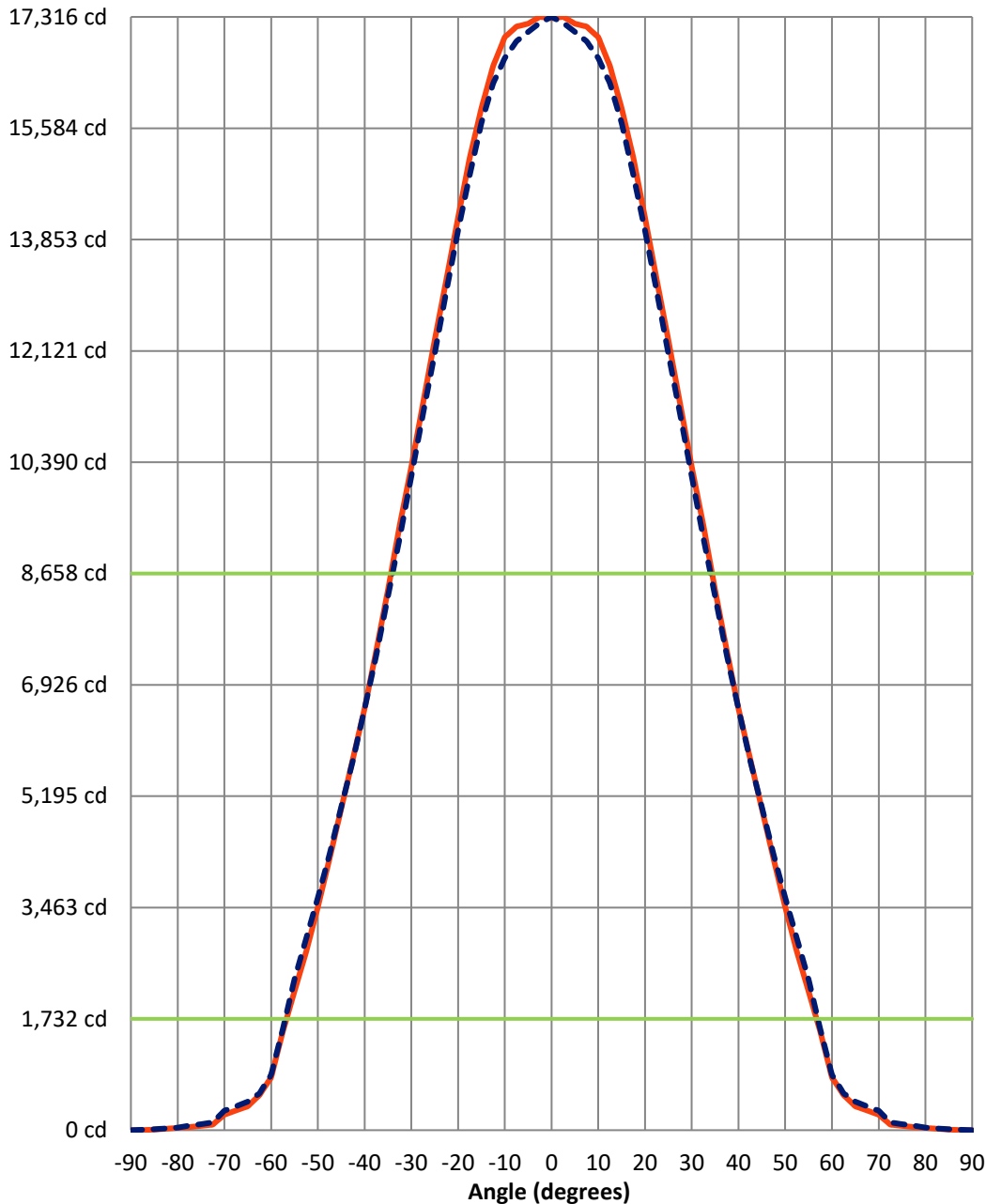
Luminous Intensity Polar Plot



— 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: 14051.4
 Efficiency: 60.0%

Field:
 H Angle: 114°
 V Angle: 113.4°
 Lumens: 22387.4
 Efficiency: 95.5%

Spill:
 Lumens: 1048.3
 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	0.3	0.6	0.9	1.2	1.4	1.7	2.0	2.3	2.6	2.8
85°	0.0	0.6	1.2	1.7	2.3	2.9	3.5	4.0	4.6	5.1	5.7
82.5°	0.0	0.9	1.7	2.6	3.5	4.3	5.2	6.0	7.2	9.8	12.6
80°	0.0	1.2	2.3	3.5	4.6	5.8	7.3	10.7	14.3	18.0	21.8
77.5°	0.0	1.4	2.9	4.3	5.8	8.0	12.3	16.8	21.4	26.1	32.5
75°	0.0	1.7	3.5	5.2	7.1	11.5	17.1	22.7	28.9	38.6	48.1
72.5°	0.0	2.0	4.0	6.0	9.5	14.9	21.8	29.9	41.3	52.5	63.6
70°	0.0	2.3	4.6	7.0	11.7	18.2	26.9	40.7	53.6	66.4	84.6
67.5°	0.0	2.6	5.1	8.3	13.8	21.3	35.1	51.3	65.8	84.9	106.4
65°	0.0	2.8	5.7	9.6	15.9	25.5	42.7	61.8	80.7	102.7	127.0
62.5°	0.0	3.1	6.2	10.8	17.8	30.5	49.9	73.1	94.9	120.1	146.7
60°	0.0	3.3	6.7	12.0	19.6	35.1	56.4	84.2	108.4	138.9	166.5
57.5°	0.0	3.6	7.4	13.0	22.3	39.3	63.0	94.3	125.0	157.6	183.1
55°	0.0	3.8	8.0	14.0	24.8	43.0	68.8	102.1	142.3	175.3	198.1
52.5°	0.0	4.1	8.6	14.9	27.0	46.3	73.8	113.7	159.5	189.2	213.1
50°	0.0	4.3	9.2	15.7	28.9	49.4	78.0	124.5	175.2	202.9	228.8
47.5°	0.0	4.5	9.8	16.5	30.5	51.8	81.9	134.0	187.5	216.5	243.8
45°	0.0	4.7	10.4	17.4	31.7	53.6	88.5	141.9	192.7	228.9	257.7
42.5°	0.0	4.9	10.9	18.1	32.6	54.9	94.0	146.4	196.2	240.3	273.0
40°	0.0	5.1	11.4	18.9	33.2	55.5	98.5	148.1	198.3	250.0	288.2
37.5°	0.0	5.3	11.9	19.8	33.4	55.5	101.8	148.6	200.4	254.2	302.9
35°	0.0	5.5	12.4	20.7	33.3	56.7	104.0	147.8	202.5	263.5	317.5
32.5°	0.0	5.7	12.8	21.5	32.8	58.2	104.4	145.8	204.6	275.4	332.1
30°	0.0	5.8	13.2	22.2	32.0	59.0	102.5	143.7	206.5	289.5	345.9
27.5°	0.0	5.9	13.6	22.9	32.8	59.0	99.7	144.1	211.6	305.7	358.8
25°	0.0	6.1	13.9	23.6	33.8	58.3	96.1	144.2	222.5	318.5	371.1
22.5°	0.0	6.2	14.2	24.2	34.8	58.3	91.7	143.9	234.1	328.3	386.7
20°	0.0	6.3	14.5	24.7	35.6	61.1	86.6	143.1	246.1	337.2	400.6
17.5°	0.0	6.4	14.8	25.2	36.5	63.5	85.7	141.8	258.1	345.1	412.8
15°	0.0	6.5	15.0	25.6	37.2	65.6	87.5	141.0	269.8	352.1	423.2
12.5°	0.0	6.5	15.2	25.9	37.9	67.3	89.0	140.1	280.1	358.2	431.8
10°	0.0	6.6	15.3	26.2	38.5	68.7	90.4	137.3	288.7	362.8	438.3
7.5°	0.0	6.6	15.4	26.4	39.1	69.8	91.5	132.9	295.5	366.5	442.1
5°	0.0	6.7	15.5	26.6	39.5	70.6	92.4	127.3	300.4	369.3	444.1
2.5°	0.0	6.7	15.6	26.7	39.8	71.0	93.1	120.7	302.9	371.1	444.3
0°	0.0	6.7	15.6	26.7	40.1	71.2	93.5	113.5	302.7	371.7	443.0
-2.5°	0.0	6.7	15.6	26.7	39.8	71.0	93.1	120.7	302.9	371.1	444.3
-5°	0.0	6.7	15.5	26.6	39.5	70.6	92.4	127.3	300.4	369.3	444.1
-7.5°	0.0	6.6	15.4	26.4	39.1	69.8	91.5	132.9	295.5	366.5	442.1
-10°	0.0	6.6	15.3	26.2	38.5	68.7	90.4	137.3	288.7	362.8	438.3
-12.5°	0.0	6.5	15.2	25.9	37.9	67.3	89.0	140.1	280.1	358.2	431.8
-15°	0.0	6.5	15.0	25.6	37.2	65.6	87.5	141.0	269.8	352.1	423.2
-17.5°	0.0	6.4	14.8	25.2	36.5	63.5	85.7	141.8	258.1	345.1	412.8
-20°	0.0	6.3	14.5	24.7	35.6	61.1	86.6	143.1	246.1	337.2	400.6



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 CATALOG NUMBER: GFLD-SA4E-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	6.2	14.2	24.2	34.8	58.3	91.7	143.9	234.1	328.3	386.7
-25°	0.0	6.1	13.9	23.6	33.8	58.3	96.1	144.2	222.5	318.5	371.1
-27.5°	0.0	5.9	13.6	22.9	32.8	59.0	99.7	144.1	211.6	305.7	358.8
-30°	0.0	5.8	13.2	22.2	32.0	59.0	102.5	143.7	206.5	289.5	345.9
-32.5°	0.0	5.7	12.8	21.5	32.8	58.2	104.4	145.8	204.6	275.4	332.1
-35°	0.0	5.5	12.4	20.7	33.3	56.7	104.0	147.8	202.5	263.5	317.5
-37.5°	0.0	5.3	11.9	19.8	33.4	55.5	101.8	148.6	200.4	254.2	302.9
-40°	0.0	5.1	11.4	18.9	33.2	55.5	98.5	148.1	198.3	250.0	288.2
-42.5°	0.0	4.9	10.9	18.1	32.6	54.9	94.0	146.4	196.2	240.3	273.0
-45°	0.0	4.7	10.4	17.4	31.7	53.6	88.5	141.9	192.7	228.9	257.7
-47.5°	0.0	4.5	9.8	16.5	30.5	51.8	81.9	134.0	187.5	216.5	243.8
-50°	0.0	4.3	9.2	15.7	28.9	49.4	78.0	124.5	175.2	202.9	228.8
-52.5°	0.0	4.1	8.6	14.9	27.0	46.3	73.8	113.7	159.5	189.2	213.1
-55°	0.0	3.8	8.0	14.0	24.8	43.0	68.8	102.1	142.3	175.3	198.1
-57.5°	0.0	3.6	7.4	13.0	22.3	39.3	63.0	94.3	125.0	157.6	183.1
-60°	0.0	3.3	6.7	12.0	19.6	35.1	56.4	84.2	108.4	138.9	166.5
-62.5°	0.0	3.1	6.2	10.8	17.8	30.5	49.9	73.1	94.9	120.1	146.7
-65°	0.0	2.8	5.7	9.6	15.9	25.5	42.7	61.8	80.7	102.7	127.0
-67.5°	0.0	2.6	5.1	8.3	13.8	21.3	35.1	51.3	65.8	84.9	106.4
-70°	0.0	2.3	4.6	7.0	11.7	18.2	26.9	40.7	53.6	66.4	84.6
-72.5°	0.0	2.0	4.0	6.0	9.5	14.9	21.8	29.9	41.3	52.5	63.6
-75°	0.0	1.7	3.5	5.2	7.1	11.5	17.1	22.7	28.9	38.6	48.1
-77.5°	0.0	1.4	2.9	4.3	5.8	8.0	12.3	16.8	21.4	26.1	32.5
-80°	0.0	1.2	2.3	3.5	4.6	5.8	7.3	10.7	14.3	18.0	21.8
-82.5°	0.0	0.9	1.7	2.6	3.5	4.3	5.2	6.0	7.2	9.8	12.6
-85°	0.0	0.6	1.2	1.7	2.3	2.9	3.5	4.0	4.6	5.1	5.7
-87.5°	0.0	0.3	0.6	0.9	1.2	1.4	1.7	2.0	2.3	2.6	2.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	2.8	2.8	2.7	2.6	2.7	2.9	3.0	3.2	2.9	2.6	2.2
85°	5.7	5.6	6.3	6.8	7.5	8.0	8.2	8.2	9.2	10.4	11.9
82.5°	14.1	15.1	15.6	15.8	16.0	15.9	15.8	15.7	19.3	24.0	29.2
80°	23.7	24.6	28.4	32.4	34.5	34.5	32.7	29.2	34.6	43.2	53.6
77.5°	38.6	44.3	50.3	56.4	57.6	54.7	49.9	43.3	51.0	66.4	83.7
75°	56.2	63.9	72.7	79.2	79.3	74.5	68.3	67.0	80.0	98.5	113.8
72.5°	76.8	88.1	96.6	102.2	101.7	100.9	103.3	108.8	119.5	133.0	144.9
70°	101.7	113.0	119.3	122.1	123.2	129.4	138.7	145.6	153.2	166.5	178.9
67.5°	126.4	135.1	140.5	144.3	154.7	166.6	175.8	184.3	193.6	207.3	218.6
65°	148.3	157.2	165.0	176.6	191.8	202.9	213.9	225.3	241.6	256.9	266.1
62.5°	169.8	179.3	191.1	206.9	223.3	237.6	255.5	275.7	296.8	312.5	330.5
60°	186.5	200.0	216.7	235.4	255.0	278.3	301.3	324.9	346.6	367.6	394.1
57.5°	202.4	221.8	242.7	264.6	290.5	319.6	347.6	373.1	400.4	429.7	459.7
55°	219.8	245.1	268.3	294.5	326.1	363.0	394.2	424.4	457.1	506.4	549.5
52.5°	238.8	266.9	293.1	325.1	364.3	403.8	439.3	481.7	536.1	609.5	728.4
50°	256.8	286.8	317.5	358.8	401.4	443.0	494.3	553.3	662.4	799.2	1038.7
47.5°	274.6	306.5	347.1	391.8	438.1	493.0	557.9	687.0	835.8	1176.5	1516.0
45°	292.3	330.2	375.1	425.8	481.0	549.8	684.9	844.1	1248.8	1640.7	2049.0
42.5°	309.6	354.0	405.3	459.4	531.5	656.0	830.0	1250.5	1688.6	2138.7	2530.6
40°	329.3	376.1	435.6	504.1	599.4	788.5	1179.1	1652.5	2146.3	2571.6	2952.9
37.5°	347.8	403.2	467.8	547.6	718.9	1034.5	1537.6	2062.8	2541.0	2956.5	3363.8
35°	364.7	429.5	506.5	626.0	836.1	1356.0	1901.5	2435.6	2892.7	3336.3	3781.8
32.5°	384.7	454.8	543.6	730.0	1104.6	1666.5	2246.9	2755.8	3234.4	3707.5	4216.4
30°	406.7	486.3	595.3	829.2	1370.7	1968.1	2543.2	3063.0	3559.3	4084.7	4629.7
27.5°	427.4	516.7	680.9	1021.4	1620.8	2249.8	2812.7	3347.6	3880.4	4439.9	5026.6
25°	446.3	545.5	761.2	1232.2	1862.3	2490.1	3060.6	3605.1	4180.3	4788.4	5405.8
22.5°	466.6	573.6	833.6	1424.1	2083.2	2703.9	3279.7	3856.9	4465.8	5110.2	5754.2
20°	488.5	633.6	952.7	1601.5	2283.9	2898.3	3476.3	4090.8	4732.8	5400.2	6080.5
17.5°	508.5	686.6	1095.1	1769.6	2452.6	3067.3	3653.2	4302.7	4965.1	5662.8	6379.3
15°	526.5	732.5	1220.5	1918.3	2595.9	3210.8	3825.7	4490.8	5171.5	5898.2	6642.5
12.5°	542.3	771.3	1328.3	2046.9	2716.7	3333.6	3970.7	4649.5	5355.5	6104.0	6879.6
10°	555.7	803.0	1417.9	2154.5	2815.0	3434.9	4087.1	4781.5	5501.9	6269.8	7070.8
7.5°	564.3	829.0	1488.8	2240.3	2890.9	3514.2	4174.9	4885.5	5609.0	6399.2	7215.4
5°	569.8	850.3	1540.1	2303.8	2946.2	3574.0	4238.1	4960.3	5677.8	6490.0	7312.7
2.5°	572.4	865.0	1571.4	2344.5	2980.8	3616.0	4290.4	5025.8	5750.1	6554.6	7388.0
0°	572.1	872.6	1582.7	2361.8	2994.0	3635.1	4316.2	5059.7	5796.5	6582.3	7439.3
-2.5°	572.4	865.0	1571.4	2344.5	2980.8	3616.0	4290.4	5025.8	5750.1	6554.6	7388.0
-5°	569.8	850.3	1540.1	2303.8	2946.2	3574.0	4238.1	4960.3	5677.8	6490.0	7312.7
-7.5°	564.3	829.0	1488.8	2240.3	2890.9	3514.2	4174.9	4885.5	5609.0	6399.2	7215.4
-10°	555.7	803.0	1417.9	2154.5	2815.0	3434.9	4087.1	4781.5	5501.9	6269.8	7070.8
-12.5°	542.3	771.3	1328.3	2046.9	2716.7	3333.6	3970.7	4649.5	5355.5	6104.0	6879.6
-15°	526.5	732.5	1220.5	1918.3	2595.9	3210.8	3825.7	4490.8	5171.5	5898.2	6642.5
-17.5°	508.5	686.6	1095.1	1769.6	2452.6	3067.3	3653.2	4302.7	4965.1	5662.8	6379.3
-20°	488.5	633.6	952.7	1601.5	2283.9	2898.3	3476.3	4090.8	4732.8	5400.2	6080.5



REPORT NUMBER: P558995 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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°	466.6	573.6	833.6	1424.1	2083.2	2703.9	3279.7	3856.9	4465.8	5110.2	5754.2
-25°	446.3	545.5	761.2	1232.2	1862.3	2490.1	3060.6	3605.1	4180.3	4788.4	5405.8
-27.5°	427.4	516.7	680.9	1021.4	1620.8	2249.8	2812.7	3347.6	3880.4	4439.9	5026.6
-30°	406.7	486.3	595.3	829.2	1370.7	1968.1	2543.2	3063.0	3559.3	4084.7	4629.7
-32.5°	384.7	454.8	543.6	730.0	1104.6	1666.5	2246.9	2755.8	3234.4	3707.5	4216.4
-35°	364.7	429.5	506.5	626.0	836.1	1356.0	1901.5	2435.6	2892.7	3336.3	3781.8
-37.5°	347.8	403.2	467.8	547.6	718.9	1034.5	1537.6	2062.8	2541.0	2956.5	3363.8
-40°	329.3	376.1	435.6	504.1	599.4	788.5	1179.1	1652.5	2146.3	2571.6	2952.9
-42.5°	309.6	354.0	405.3	459.4	531.5	656.0	830.0	1250.5	1688.6	2138.7	2530.6
-45°	292.3	330.2	375.1	425.8	481.0	549.8	684.9	844.1	1248.8	1640.7	2049.0
-47.5°	274.6	306.5	347.1	391.8	438.1	493.0	557.9	687.0	835.8	1176.5	1516.0
-50°	256.8	286.8	317.5	358.8	401.4	443.0	494.3	553.3	662.4	799.2	1038.7
-52.5°	238.8	266.9	293.1	325.1	364.3	403.8	439.3	481.7	536.1	609.5	728.4
-55°	219.8	245.1	268.3	294.5	326.1	363.0	394.2	424.4	457.1	506.4	549.5
-57.5°	202.4	221.8	242.7	264.6	290.5	319.6	347.6	373.1	400.4	429.7	459.7
-60°	186.5	200.0	216.7	235.4	255.0	278.3	301.3	324.9	346.6	367.6	394.1
-62.5°	169.8	179.3	191.1	206.9	223.3	237.6	255.5	275.7	296.8	312.5	330.5
-65°	148.3	157.2	165.0	176.6	191.8	202.9	213.9	225.3	241.6	256.9	266.1
-67.5°	126.4	135.1	140.5	144.3	154.7	166.6	175.8	184.3	193.6	207.3	218.6
-70°	101.7	113.0	119.3	122.1	123.2	129.4	138.7	145.6	153.2	166.5	178.9
-72.5°	76.8	88.1	96.6	102.2	101.7	100.9	103.3	108.8	119.5	133.0	144.9
-75°	56.2	63.9	72.7	79.2	79.3	74.5	68.3	67.0	80.0	98.5	113.8
-77.5°	38.6	44.3	50.3	56.4	57.6	54.7	49.9	43.3	51.0	66.4	83.7
-80°	23.7	24.6	28.4	32.4	34.5	34.5	32.7	29.2	34.6	43.2	53.6
-82.5°	14.1	15.1	15.6	15.8	16.0	15.9	15.8	15.7	19.3	24.0	29.2
-85°	5.7	5.6	6.3	6.8	7.5	8.0	8.2	8.2	9.2	10.4	11.9
-87.5°	2.8	2.8	2.7	2.6	2.7	2.9	3.0	3.2	2.9	2.6	2.2
-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: P558995 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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°	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.2
85°	13.5	13.3	12.9	12.2	11.3	11.7	12.0	12.4	12.6	11.8	10.9
82.5°	34.9	37.5	39.9	42.5	45.3	44.9	43.6	41.8	39.5	35.2	30.4
80°	65.4	71.5	75.6	78.9	81.5	79.0	75.2	70.8	65.9	58.5	50.5
77.5°	101.6	107.7	110.9	114.7	119.0	119.9	120.1	120.5	120.9	107.3	90.0
75°	126.1	134.2	140.9	146.9	152.1	154.7	156.4	158.1	159.6	141.6	117.9
72.5°	155.0	162.9	169.3	175.8	181.4	185.8	189.1	191.9	194.1	179.4	158.7
70°	188.8	196.7	204.0	210.7	217.2	223.0	228.4	233.3	237.7	238.6	239.7
67.5°	227.0	231.7	240.4	248.8	258.8	266.0	274.2	281.8	288.9	294.9	299.8
65°	274.3	291.1	308.1	316.4	317.1	327.7	344.4	353.6	356.3	358.4	363.7
62.5°	353.6	375.2	386.7	401.6	422.1	444.4	453.0	465.2	480.2	497.1	512.4
60°	416.6	435.1	462.6	490.6	515.5	538.2	593.0	641.8	683.5	719.5	754.1
57.5°	494.8	525.2	567.3	643.2	712.6	775.4	882.7	1013.6	1130.4	1232.5	1322.3
55°	619.4	708.1	788.1	967.2	1158.5	1324.2	1479.3	1645.1	1780.1	1885.7	1983.3
52.5°	832.0	1076.0	1323.3	1555.8	1784.5	1992.7	2179.5	2326.5	2441.3	2527.4	2608.9
50°	1332.0	1626.0	1927.2	2204.6	2429.3	2634.5	2829.0	2974.8	3096.8	3201.8	3294.8
47.5°	1877.0	2221.2	2505.8	2761.7	3003.8	3231.5	3444.2	3621.6	3771.9	3910.6	4025.9
45°	2419.4	2727.3	3019.1	3293.5	3557.0	3812.3	4041.0	4242.9	4441.8	4606.1	4736.1
42.5°	2878.1	3203.9	3514.4	3828.5	4123.0	4409.3	4685.7	4931.3	5142.5	5322.1	5466.7
40°	3318.2	3669.6	4038.4	4387.1	4736.9	5063.6	5369.7	5650.1	5890.7	6103.3	6283.3
37.5°	3766.2	4176.5	4581.7	4979.0	5364.5	5719.8	6071.2	6394.6	6676.5	6925.3	7134.3
35°	4239.1	4691.3	5132.1	5579.9	6000.7	6411.9	6800.4	7156.4	7468.6	7761.7	8013.7
32.5°	4712.8	5202.7	5699.2	6183.7	6649.8	7110.4	7536.5	7937.7	8306.8	8631.3	8900.2
30°	5174.0	5713.4	6244.6	6772.4	7304.5	7806.2	8278.2	8718.9	9119.4	9472.8	9778.4
27.5°	5616.6	6196.4	6766.1	7369.8	7948.0	8493.8	9006.5	9480.4	9927.4	10329.3	10676.2
25°	6026.1	6642.1	7306.0	7939.2	8557.9	9163.3	9725.0	10239.7	10750.8	11193.0	11569.7
22.5°	6413.0	7100.3	7799.4	8463.5	9146.2	9811.8	10440.6	11037.1	11583.0	12046.3	12447.9
20°	6780.9	7520.6	8240.9	8976.2	9715.5	10433.6	11126.0	11763.4	12340.2	12845.1	13298.1
17.5°	7128.4	7893.8	8659.3	9444.4	10242.8	10997.7	11731.3	12424.8	13054.5	13614.6	14125.3
15°	7429.0	8219.9	9039.5	9874.0	10709.0	11511.7	12290.4	13045.8	13754.2	14364.0	14878.9
12.5°	7684.4	8508.3	9375.4	10251.0	11131.1	11972.6	12797.9	13606.2	14359.3	15014.8	15543.5
10°	7896.3	8759.6	9665.2	10577.2	11479.9	12354.3	13212.6	14049.0	14857.8	15537.3	16080.3
7.5°	8072.9	8969.2	9895.9	10835.3	11746.2	12654.2	13549.4	14394.3	15191.1	15907.6	16465.7
5°	8204.7	9116.1	10062.3	11025.2	11950.1	12890.5	13812.2	14676.8	15465.8	16115.1	16570.6
2.5°	8302.9	9207.6	10170.4	11139.7	12076.8	13051.1	13992.4	14858.0	15665.5	16280.0	16674.5
0°	8369.8	9257.9	10268.5	11219.0	12171.8	13171.2	14101.7	14976.5	15786.8	16387.8	16795.2
-2.5°	8302.9	9207.6	10170.4	11139.7	12076.8	13051.1	13992.4	14858.0	15665.5	16280.0	16674.5
-5°	8204.7	9116.1	10062.3	11025.2	11950.1	12890.5	13812.2	14676.8	15465.8	16115.1	16570.6
-7.5°	8072.9	8969.2	9895.9	10835.3	11746.2	12654.2	13549.4	14394.3	15191.1	15907.6	16465.7
-10°	7896.3	8759.6	9665.2	10577.2	11479.9	12354.3	13212.6	14049.0	14857.8	15537.3	16080.3
-12.5°	7684.4	8508.3	9375.4	10251.0	11131.1	11972.6	12797.9	13606.2	14359.3	15014.8	15543.5
-15°	7429.0	8219.9	9039.5	9874.0	10709.0	11511.7	12290.4	13045.8	13754.2	14364.0	14878.9
-17.5°	7128.4	7893.8	8659.3	9444.4	10242.8	10997.7	11731.3	12424.8	13054.5	13614.6	14125.3
-20°	6780.9	7520.6	8240.9	8976.2	9715.5	10433.6	11126.0	11763.4	12340.2	12845.1	13298.1



REPORT NUMBER: P558995 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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°	6413.0	7100.3	7799.4	8463.5	9146.2	9811.8	10440.6	11037.1	11583.0	12046.3	12447.9
-25°	6026.1	6642.1	7306.0	7939.2	8557.9	9163.3	9725.0	10239.7	10750.8	11193.0	11569.7
-27.5°	5616.6	6196.4	6766.1	7369.8	7948.0	8493.8	9006.5	9480.4	9927.4	10329.3	10676.2
-30°	5174.0	5713.4	6244.6	6772.4	7304.5	7806.2	8278.2	8718.9	9119.4	9472.8	9778.4
-32.5°	4712.8	5202.7	5699.2	6183.7	6649.8	7110.4	7536.5	7937.7	8306.8	8631.3	8900.2
-35°	4239.1	4691.3	5132.1	5579.9	6000.7	6411.9	6800.4	7156.4	7468.6	7761.7	8013.7
-37.5°	3766.2	4176.5	4581.7	4979.0	5364.5	5719.8	6071.2	6394.6	6676.5	6925.3	7134.3
-40°	3318.2	3669.6	4038.4	4387.1	4736.9	5063.6	5369.7	5650.1	5890.7	6103.3	6283.3
-42.5°	2878.1	3203.9	3514.4	3828.5	4123.0	4409.3	4685.7	4931.3	5142.5	5322.1	5466.7
-45°	2419.4	2727.3	3019.1	3293.5	3557.0	3812.3	4041.0	4242.9	4441.8	4606.1	4736.1
-47.5°	1877.0	2221.2	2505.8	2761.7	3003.8	3231.5	3444.2	3621.6	3771.9	3910.6	4025.9
-50°	1332.0	1626.0	1927.2	2204.6	2429.3	2634.5	2829.0	2974.8	3096.8	3201.8	3294.8
-52.5°	832.0	1076.0	1323.3	1555.8	1784.5	1992.7	2179.5	2326.5	2441.3	2527.4	2608.9
-55°	619.4	708.1	788.1	967.2	1158.5	1324.2	1479.3	1645.1	1780.1	1885.7	1983.3
-57.5°	494.8	525.2	567.3	643.2	712.6	775.4	882.7	1013.6	1130.4	1232.5	1322.3
-60°	416.6	435.1	462.6	490.6	515.5	538.2	593.0	641.8	683.5	719.5	754.1
-62.5°	353.6	375.2	386.7	401.6	422.1	444.4	453.0	465.2	480.2	497.1	512.4
-65°	274.3	291.1	308.1	316.4	317.1	327.7	344.4	353.6	356.3	358.4	363.7
-67.5°	227.0	231.7	240.4	248.8	258.8	266.0	274.2	281.8	288.9	294.9	299.8
-70°	188.8	196.7	204.0	210.7	217.2	223.0	228.4	233.3	237.7	238.6	239.7
-72.5°	155.0	162.9	169.3	175.8	181.4	185.8	189.1	191.9	194.1	179.4	158.7
-75°	126.1	134.2	140.9	146.9	152.1	154.7	156.4	158.1	159.6	141.6	117.9
-77.5°	101.6	107.7	110.9	114.7	119.0	119.9	120.1	120.5	120.9	107.3	90.0
-80°	65.4	71.5	75.6	78.9	81.5	79.0	75.2	70.8	65.9	58.5	50.5
-82.5°	34.9	37.5	39.9	42.5	45.3	44.9	43.6	41.8	39.5	35.2	30.4
-85°	13.5	13.3	12.9	12.2	11.3	11.7	12.0	12.4	12.6	11.8	10.9
-87.5°	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.2
-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: P558995 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1
85°	9.9	8.9	8.9	8.9	8.9	8.9	9.9	10.9	11.8	12.6	12.4
82.5°	25.3	20.0	21.1	22.3	21.1	20.0	25.3	30.4	35.2	39.5	41.8
80°	42.1	33.5	34.4	35.6	34.4	33.5	42.1	50.5	58.5	65.9	70.8
77.5°	71.4	51.8	50.1	49.0	50.1	51.8	71.4	90.0	107.3	120.9	120.5
75°	93.3	68.2	66.7	66.8	66.7	68.2	93.3	117.9	141.6	159.6	158.1
72.5°	137.8	116.6	101.8	86.8	101.8	116.6	137.8	158.7	179.4	194.1	191.9
70°	242.2	245.2	244.0	240.4	244.0	245.2	242.2	239.7	238.6	237.7	233.3
67.5°	303.9	307.1	307.8	307.2	307.8	307.1	303.9	299.8	294.9	288.9	281.8
65°	367.3	369.4	371.1	371.7	371.1	369.4	367.3	363.7	358.4	356.3	353.6
62.5°	523.9	531.5	539.7	545.4	539.7	531.5	523.9	512.4	497.1	480.2	465.2
60°	784.3	809.3	820.4	821.4	820.4	809.3	784.3	754.1	719.5	683.5	641.8
57.5°	1394.1	1447.8	1495.7	1531.5	1495.7	1447.8	1394.1	1322.3	1232.5	1130.4	1013.6
55°	2061.1	2118.2	2150.5	2159.2	2150.5	2118.2	2061.1	1983.3	1885.7	1780.1	1645.1
52.5°	2670.8	2708.8	2744.8	2775.8	2744.8	2708.8	2670.8	2608.9	2527.4	2441.3	2326.5
50°	3365.0	3407.3	3443.0	3470.3	3443.0	3407.3	3365.0	3294.8	3201.8	3096.8	2974.8
47.5°	4107.0	4158.8	4197.0	4222.7	4197.0	4158.8	4107.0	4025.9	3910.6	3771.9	3621.6
45°	4847.4	4936.2	4990.1	4999.6	4990.1	4936.2	4847.4	4736.1	4606.1	4441.8	4242.9
42.5°	5591.6	5676.7	5734.1	5776.5	5734.1	5676.7	5591.6	5466.7	5322.1	5142.5	4931.3
40°	6433.2	6540.1	6589.1	6557.8	6589.1	6540.1	6433.2	6283.3	6103.3	5890.7	5650.1
37.5°	7295.4	7405.3	7461.9	7459.3	7461.9	7405.3	7295.4	7134.3	6925.3	6676.5	6394.6
35°	8209.5	8345.8	8419.5	8400.9	8419.5	8345.8	8209.5	8013.7	7761.7	7468.6	7156.4
32.5°	9115.1	9279.8	9386.1	9402.6	9386.1	9279.8	9115.1	8900.2	8631.3	8306.8	7937.7
30°	10023.5	10201.4	10307.2	10317.5	10307.2	10201.4	10023.5	9778.4	9472.8	9119.4	8718.9
27.5°	10967.4	11166.5	11277.2	11303.6	11277.2	11166.5	10967.4	10676.2	10329.3	9927.4	9480.4
25°	11890.9	12111.9	12238.9	12287.5	12238.9	12111.9	11890.9	11569.7	11193.0	10750.8	10239.7
22.5°	12781.4	13023.7	13189.2	13231.3	13189.2	13023.7	12781.4	12447.9	12046.3	11583.0	11037.1
20°	13674.5	13960.4	14172.1	14193.0	14172.1	13960.4	13674.5	13298.1	12845.1	12340.2	11763.4
17.5°	14534.4	14843.8	15070.4	15125.7	15070.4	14843.8	14534.4	14125.3	13614.6	13054.5	12424.8
15°	15304.2	15629.0	15847.8	15895.9	15847.8	15629.0	15304.2	14878.9	14364.0	13754.2	13045.8
12.5°	15968.6	16268.0	16472.2	16550.3	16472.2	16268.0	15968.6	15543.5	15014.8	14359.3	13606.2
10°	16503.8	16735.1	16917.6	17000.0	16917.6	16735.1	16503.8	16080.3	15537.3	14857.8	14049.0
7.5°	16802.6	16992.8	17119.2	17164.7	17119.2	16992.8	16802.6	16465.7	15907.6	15191.1	14394.3
5°	16920.6	17103.0	17171.5	17211.4	17171.5	17103.0	16920.6	16570.6	16115.1	15465.8	14676.8
2.5°	16936.8	17082.8	17223.5	17316.1	17223.5	17082.8	16936.8	16674.5	16280.0	15665.5	14858.0
0°	17031.1	17173.6	17251.5	17296.0	17251.5	17173.6	17031.1	16795.2	16387.8	15786.8	14976.5
-2.5°	16936.8	17082.8	17223.5	17316.1	17223.5	17082.8	16936.8	16674.5	16280.0	15665.5	14858.0
-5°	16920.6	17103.0	17171.5	17211.4	17171.5	17103.0	16920.6	16570.6	16115.1	15465.8	14676.8
-7.5°	16802.6	16992.8	17119.2	17164.7	17119.2	16992.8	16802.6	16465.7	15907.6	15191.1	14394.3
-10°	16503.8	16735.1	16917.6	17000.0	16917.6	16735.1	16503.8	16080.3	15537.3	14857.8	14049.0
-12.5°	15968.6	16268.0	16472.2	16550.3	16472.2	16268.0	15968.6	15543.5	15014.8	14359.3	13606.2
-15°	15304.2	15629.0	15847.8	15895.9	15847.8	15629.0	15304.2	14878.9	14364.0	13754.2	13045.8
-17.5°	14534.4	14843.8	15070.4	15125.7	15070.4	14843.8	14534.4	14125.3	13614.6	13054.5	12424.8
-20°	13674.5	13960.4	14172.1	14193.0	14172.1	13960.4	13674.5	13298.1	12845.1	12340.2	11763.4



REPORT NUMBER: P558995 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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°	12781.4	13023.7	13189.2	13231.3	13189.2	13023.7	12781.4	12447.9	12046.3	11583.0	11037.1
-25°	11890.9	12111.9	12238.9	12287.5	12238.9	12111.9	11890.9	11569.7	11193.0	10750.8	10239.7
-27.5°	10967.4	11166.5	11277.2	11303.6	11277.2	11166.5	10967.4	10676.2	10329.3	9927.4	9480.4
-30°	10023.5	10201.4	10307.2	10317.5	10307.2	10201.4	10023.5	9778.4	9472.8	9119.4	8718.9
-32.5°	9115.1	9279.8	9386.1	9402.6	9386.1	9279.8	9115.1	8900.2	8631.3	8306.8	7937.7
-35°	8209.5	8345.8	8419.5	8400.9	8419.5	8345.8	8209.5	8013.7	7761.7	7468.6	7156.4
-37.5°	7295.4	7405.3	7461.9	7459.3	7461.9	7405.3	7295.4	7134.3	6925.3	6676.5	6394.6
-40°	6433.2	6540.1	6589.1	6557.8	6589.1	6540.1	6433.2	6283.3	6103.3	5890.7	5650.1
-42.5°	5591.6	5676.7	5734.1	5776.5	5734.1	5676.7	5591.6	5466.7	5322.1	5142.5	4931.3
-45°	4847.4	4936.2	4990.1	4999.6	4990.1	4936.2	4847.4	4736.1	4606.1	4441.8	4242.9
-47.5°	4107.0	4158.8	4197.0	4222.7	4197.0	4158.8	4107.0	4025.9	3910.6	3771.9	3621.6
-50°	3365.0	3407.3	3443.0	3470.3	3443.0	3407.3	3365.0	3294.8	3201.8	3096.8	2974.8
-52.5°	2670.8	2708.8	2744.8	2775.8	2744.8	2708.8	2670.8	2608.9	2527.4	2441.3	2326.5
-55°	2061.1	2118.2	2150.5	2159.2	2150.5	2118.2	2061.1	1983.3	1885.7	1780.1	1645.1
-57.5°	1394.1	1447.8	1495.7	1531.5	1495.7	1447.8	1394.1	1322.3	1232.5	1130.4	1013.6
-60°	784.3	809.3	820.4	821.4	820.4	809.3	784.3	754.1	719.5	683.5	641.8
-62.5°	523.9	531.5	539.7	545.4	539.7	531.5	523.9	512.4	497.1	480.2	465.2
-65°	367.3	369.4	371.1	371.7	371.1	369.4	367.3	363.7	358.4	356.3	353.6
-67.5°	303.9	307.1	307.8	307.2	307.8	307.1	303.9	299.8	294.9	288.9	281.8
-70°	242.2	245.2	244.0	240.4	244.0	245.2	242.2	239.7	238.6	237.7	233.3
-72.5°	137.8	116.6	101.8	86.8	101.8	116.6	137.8	158.7	179.4	194.1	191.9
-75°	93.3	68.2	66.7	66.8	66.7	68.2	93.3	117.9	141.6	159.6	158.1
-77.5°	71.4	51.8	50.1	49.0	50.1	51.8	71.4	90.0	107.3	120.9	120.5
-80°	42.1	33.5	34.4	35.6	34.4	33.5	42.1	50.5	58.5	65.9	70.8
-82.5°	25.3	20.0	21.1	22.3	21.1	20.0	25.3	30.4	35.2	39.5	41.8
-85°	9.9	8.9	8.9	8.9	8.9	8.9	9.9	10.9	11.8	12.6	12.4
-87.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558995 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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°	2.1	2.0	2.0	2.0	1.9	1.9	1.8	2.2	2.6	2.9	3.2
85°	12.0	11.7	11.3	12.2	12.9	13.3	13.5	11.9	10.4	9.2	8.2
82.5°	43.6	44.9	45.3	42.5	39.9	37.5	34.9	29.2	24.0	19.3	15.7
80°	75.2	79.0	81.5	78.9	75.6	71.5	65.4	53.6	43.2	34.6	29.2
77.5°	120.1	119.9	119.0	114.7	110.9	107.7	101.6	83.7	66.4	51.0	43.3
75°	156.4	154.7	152.1	146.9	140.9	134.2	126.1	113.8	98.5	80.0	67.0
72.5°	189.1	185.8	181.4	175.8	169.3	162.9	155.0	144.9	133.0	119.5	108.8
70°	228.4	223.0	217.2	210.7	204.0	196.7	188.8	178.9	166.5	153.2	145.6
67.5°	274.2	266.0	258.8	248.8	240.4	231.7	227.0	218.6	207.3	193.6	184.3
65°	344.4	327.7	317.1	316.4	308.1	291.1	274.3	266.1	256.9	241.6	225.3
62.5°	453.0	444.4	422.1	401.6	386.7	375.2	353.6	330.5	312.5	296.8	275.7
60°	593.0	538.2	515.5	490.6	462.6	435.1	416.6	394.1	367.6	346.6	324.9
57.5°	882.7	775.4	712.6	643.2	567.3	525.2	494.8	459.7	429.7	400.4	373.1
55°	1479.3	1324.2	1158.5	967.2	788.1	708.1	619.4	549.5	506.4	457.1	424.4
52.5°	2179.5	1992.7	1784.5	1555.8	1323.3	1076.0	832.0	728.4	609.5	536.1	481.7
50°	2829.0	2634.5	2429.3	2204.6	1927.2	1626.0	1332.0	1038.7	799.2	662.4	553.3
47.5°	3444.2	3231.5	3003.8	2761.7	2505.8	2221.2	1877.0	1516.0	1176.5	835.8	687.0
45°	4041.0	3812.3	3557.0	3293.5	3019.1	2727.3	2419.4	2049.0	1640.7	1248.8	844.1
42.5°	4685.7	4409.3	4123.0	3828.5	3514.4	3203.9	2878.1	2530.6	2138.7	1688.6	1250.5
40°	5369.7	5063.6	4736.9	4387.1	4038.4	3669.6	3318.2	2952.9	2571.6	2146.3	1652.5
37.5°	6071.2	5719.8	5364.5	4979.0	4581.7	4176.5	3766.2	3363.8	2956.5	2541.0	2062.8
35°	6800.4	6411.9	6000.7	5579.9	5132.1	4691.3	4239.1	3781.8	3336.3	2892.7	2435.6
32.5°	7536.5	7110.4	6649.8	6183.7	5699.2	5202.7	4712.8	4216.4	3707.5	3234.4	2755.8
30°	8278.2	7806.2	7304.5	6772.4	6244.6	5713.4	5174.0	4629.7	4084.7	3559.3	3063.0
27.5°	9006.5	8493.8	7948.0	7369.8	6766.1	6196.4	5616.6	5026.6	4439.9	3880.4	3347.6
25°	9725.0	9163.3	8557.9	7939.2	7306.0	6642.1	6026.1	5405.8	4788.4	4180.3	3605.1
22.5°	10440.6	9811.8	9146.2	8463.5	7799.4	7100.3	6413.0	5754.2	5110.2	4465.8	3856.9
20°	11126.0	10433.6	9715.5	8976.2	8240.9	7520.6	6780.9	6080.5	5400.2	4732.8	4090.8
17.5°	11731.3	10997.7	10242.8	9444.4	8659.3	7893.8	7128.4	6379.3	5662.8	4965.1	4302.7
15°	12290.4	11511.7	10709.0	9874.0	9039.5	8219.9	7429.0	6642.5	5898.2	5171.5	4490.8
12.5°	12797.9	11972.6	11131.1	10251.0	9375.4	8508.3	7684.4	6879.6	6104.0	5355.5	4649.5
10°	13212.6	12354.3	11479.9	10577.2	9665.2	8759.6	7896.3	7070.8	6269.8	5501.9	4781.5
7.5°	13549.4	12654.2	11746.2	10835.3	9895.9	8969.2	8072.9	7215.4	6399.2	5609.0	4885.5
5°	13812.2	12890.5	11950.1	11025.2	10062.3	9116.1	8204.7	7312.7	6490.0	5677.8	4960.3
2.5°	13992.4	13051.1	12076.8	11139.7	10170.4	9207.6	8302.9	7388.0	6554.6	5750.1	5025.8
0°	14101.7	13171.2	12171.8	11219.0	10268.5	9257.9	8369.8	7439.3	6582.3	5796.5	5059.7
-2.5°	13992.4	13051.1	12076.8	11139.7	10170.4	9207.6	8302.9	7388.0	6554.6	5750.1	5025.8
-5°	13812.2	12890.5	11950.1	11025.2	10062.3	9116.1	8204.7	7312.7	6490.0	5677.8	4960.3
-7.5°	13549.4	12654.2	11746.2	10835.3	9895.9	8969.2	8072.9	7215.4	6399.2	5609.0	4885.5
-10°	13212.6	12354.3	11479.9	10577.2	9665.2	8759.6	7896.3	7070.8	6269.8	5501.9	4781.5
-12.5°	12797.9	11972.6	11131.1	10251.0	9375.4	8508.3	7684.4	6879.6	6104.0	5355.5	4649.5
-15°	12290.4	11511.7	10709.0	9874.0	9039.5	8219.9	7429.0	6642.5	5898.2	5171.5	4490.8
-17.5°	11731.3	10997.7	10242.8	9444.4	8659.3	7893.8	7128.4	6379.3	5662.8	4965.1	4302.7
-20°	11126.0	10433.6	9715.5	8976.2	8240.9	7520.6	6780.9	6080.5	5400.2	4732.8	4090.8



REPORT NUMBER: P558995 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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°	10440.6	9811.8	9146.2	8463.5	7799.4	7100.3	6413.0	5754.2	5110.2	4465.8	3856.9
-25°	9725.0	9163.3	8557.9	7939.2	7306.0	6642.1	6026.1	5405.8	4788.4	4180.3	3605.1
-27.5°	9006.5	8493.8	7948.0	7369.8	6766.1	6196.4	5616.6	5026.6	4439.9	3880.4	3347.6
-30°	8278.2	7806.2	7304.5	6772.4	6244.6	5713.4	5174.0	4629.7	4084.7	3559.3	3063.0
-32.5°	7536.5	7110.4	6649.8	6183.7	5699.2	5202.7	4712.8	4216.4	3707.5	3234.4	2755.8
-35°	6800.4	6411.9	6000.7	5579.9	5132.1	4691.3	4239.1	3781.8	3336.3	2892.7	2435.6
-37.5°	6071.2	5719.8	5364.5	4979.0	4581.7	4176.5	3766.2	3363.8	2956.5	2541.0	2062.8
-40°	5369.7	5063.6	4736.9	4387.1	4038.4	3669.6	3318.2	2952.9	2571.6	2146.3	1652.5
-42.5°	4685.7	4409.3	4123.0	3828.5	3514.4	3203.9	2878.1	2530.6	2138.7	1688.6	1250.5
-45°	4041.0	3812.3	3557.0	3293.5	3019.1	2727.3	2419.4	2049.0	1640.7	1248.8	844.1
-47.5°	3444.2	3231.5	3003.8	2761.7	2505.8	2221.2	1877.0	1516.0	1176.5	835.8	687.0
-50°	2829.0	2634.5	2429.3	2204.6	1927.2	1626.0	1332.0	1038.7	799.2	662.4	553.3
-52.5°	2179.5	1992.7	1784.5	1555.8	1323.3	1076.0	832.0	728.4	609.5	536.1	481.7
-55°	1479.3	1324.2	1158.5	967.2	788.1	708.1	619.4	549.5	506.4	457.1	424.4
-57.5°	882.7	775.4	712.6	643.2	567.3	525.2	494.8	459.7	429.7	400.4	373.1
-60°	593.0	538.2	515.5	490.6	462.6	435.1	416.6	394.1	367.6	346.6	324.9
-62.5°	453.0	444.4	422.1	401.6	386.7	375.2	353.6	330.5	312.5	296.8	275.7
-65°	344.4	327.7	317.1	316.4	308.1	291.1	274.3	266.1	256.9	241.6	225.3
-67.5°	274.2	266.0	258.8	248.8	240.4	231.7	227.0	218.6	207.3	193.6	184.3
-70°	228.4	223.0	217.2	210.7	204.0	196.7	188.8	178.9	166.5	153.2	145.6
-72.5°	189.1	185.8	181.4	175.8	169.3	162.9	155.0	144.9	133.0	119.5	108.8
-75°	156.4	154.7	152.1	146.9	140.9	134.2	126.1	113.8	98.5	80.0	67.0
-77.5°	120.1	119.9	119.0	114.7	110.9	107.7	101.6	83.7	66.4	51.0	43.3
-80°	75.2	79.0	81.5	78.9	75.6	71.5	65.4	53.6	43.2	34.6	29.2
-82.5°	43.6	44.9	45.3	42.5	39.9	37.5	34.9	29.2	24.0	19.3	15.7
-85°	12.0	11.7	11.3	12.2	12.9	13.3	13.5	11.9	10.4	9.2	8.2
-87.5°	2.1	2.0	2.0	2.0	1.9	1.9	1.8	2.2	2.6	2.9	3.2
-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: P558995 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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°	3.0	2.9	2.7	2.6	2.7	2.8	2.8	2.8	2.6	2.3	2.0
85°	8.2	8.0	7.5	6.8	6.3	5.6	5.7	5.7	5.1	4.6	4.0
82.5°	15.8	15.9	16.0	15.8	15.6	15.1	14.1	12.6	9.8	7.2	6.0
80°	32.7	34.5	34.5	32.4	28.4	24.6	23.7	21.8	18.0	14.3	10.7
77.5°	49.9	54.7	57.6	56.4	50.3	44.3	38.6	32.5	26.1	21.4	16.8
75°	68.3	74.5	79.3	79.2	72.7	63.9	56.2	48.1	38.6	28.9	22.7
72.5°	103.3	100.9	101.7	102.2	96.6	88.1	76.8	63.6	52.5	41.3	29.9
70°	138.7	129.4	123.2	122.1	119.3	113.0	101.7	84.6	66.4	53.6	40.7
67.5°	175.8	166.6	154.7	144.3	140.5	135.1	126.4	106.4	84.9	65.8	51.3
65°	213.9	202.9	191.8	176.6	165.0	157.2	148.3	127.0	102.7	80.7	61.8
62.5°	255.5	237.6	223.3	206.9	191.1	179.3	169.8	146.7	120.1	94.9	73.1
60°	301.3	278.3	255.0	235.4	216.7	200.0	186.5	166.5	138.9	108.4	84.2
57.5°	347.6	319.6	290.5	264.6	242.7	221.8	202.4	183.1	157.6	125.0	94.3
55°	394.2	363.0	326.1	294.5	268.3	245.1	219.8	198.1	175.3	142.3	102.1
52.5°	439.3	403.8	364.3	325.1	293.1	266.9	238.8	213.1	189.2	159.5	113.7
50°	494.3	443.0	401.4	358.8	317.5	286.8	256.8	228.8	202.9	175.2	124.5
47.5°	557.9	493.0	438.1	391.8	347.1	306.5	274.6	243.8	216.5	187.5	134.0
45°	684.9	549.8	481.0	425.8	375.1	330.2	292.3	257.7	228.9	192.7	141.9
42.5°	830.0	656.0	531.5	459.4	405.3	354.0	309.6	273.0	240.3	196.2	146.4
40°	1179.1	788.5	599.4	504.1	435.6	376.1	329.3	288.2	250.0	198.3	148.1
37.5°	1537.6	1034.5	718.9	547.6	467.8	403.2	347.8	302.9	254.2	200.4	148.6
35°	1901.5	1356.0	836.1	626.0	506.5	429.5	364.7	317.5	263.5	202.5	147.8
32.5°	2246.9	1666.5	1104.6	730.0	543.6	454.8	384.7	332.1	275.4	204.6	145.8
30°	2543.2	1968.1	1370.7	829.2	595.3	486.3	406.7	345.9	289.5	206.5	143.7
27.5°	2812.7	2249.8	1620.8	1021.4	680.9	516.7	427.4	358.8	305.7	211.6	144.1
25°	3060.6	2490.1	1862.3	1232.2	761.2	545.5	446.3	371.1	318.5	222.5	144.2
22.5°	3279.7	2703.9	2083.2	1424.1	833.6	573.6	466.6	386.7	328.3	234.1	143.9
20°	3476.3	2898.3	2283.9	1601.5	952.7	633.6	488.5	400.6	337.2	246.1	143.1
17.5°	3653.2	3067.3	2452.6	1769.6	1095.1	686.6	508.5	412.8	345.1	258.1	141.8
15°	3825.7	3210.8	2595.9	1918.3	1220.5	732.5	526.5	423.2	352.1	269.8	141.0
12.5°	3970.7	3333.6	2716.7	2046.9	1328.3	771.3	542.3	431.8	358.2	280.1	140.1
10°	4087.1	3434.9	2815.0	2154.5	1417.9	803.0	555.7	438.3	362.8	288.7	137.3
7.5°	4174.9	3514.2	2890.9	2240.3	1488.8	829.0	564.3	442.1	366.5	295.5	132.9
5°	4238.1	3574.0	2946.2	2303.8	1540.1	850.3	569.8	444.1	369.3	300.4	127.3
2.5°	4290.4	3616.0	2980.8	2344.5	1571.4	865.0	572.4	444.3	371.1	302.9	120.7
0°	4316.2	3635.1	2994.0	2361.8	1582.7	872.6	572.1	443.0	371.7	302.7	113.5
-2.5°	4290.4	3616.0	2980.8	2344.5	1571.4	865.0	572.4	444.3	371.1	302.9	120.7
-5°	4238.1	3574.0	2946.2	2303.8	1540.1	850.3	569.8	444.1	369.3	300.4	127.3
-7.5°	4174.9	3514.2	2890.9	2240.3	1488.8	829.0	564.3	442.1	366.5	295.5	132.9
-10°	4087.1	3434.9	2815.0	2154.5	1417.9	803.0	555.7	438.3	362.8	288.7	137.3
-12.5°	3970.7	3333.6	2716.7	2046.9	1328.3	771.3	542.3	431.8	358.2	280.1	140.1
-15°	3825.7	3210.8	2595.9	1918.3	1220.5	732.5	526.5	423.2	352.1	269.8	141.0
-17.5°	3653.2	3067.3	2452.6	1769.6	1095.1	686.6	508.5	412.8	345.1	258.1	141.8
-20°	3476.3	2898.3	2283.9	1601.5	952.7	633.6	488.5	400.6	337.2	246.1	143.1



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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°	3279.7	2703.9	2083.2	1424.1	833.6	573.6	466.6	386.7	328.3	234.1	143.9
-25°	3060.6	2490.1	1862.3	1232.2	761.2	545.5	446.3	371.1	318.5	222.5	144.2
-27.5°	2812.7	2249.8	1620.8	1021.4	680.9	516.7	427.4	358.8	305.7	211.6	144.1
-30°	2543.2	1968.1	1370.7	829.2	595.3	486.3	406.7	345.9	289.5	206.5	143.7
-32.5°	2246.9	1666.5	1104.6	730.0	543.6	454.8	384.7	332.1	275.4	204.6	145.8
-35°	1901.5	1356.0	836.1	626.0	506.5	429.5	364.7	317.5	263.5	202.5	147.8
-37.5°	1537.6	1034.5	718.9	547.6	467.8	403.2	347.8	302.9	254.2	200.4	148.6
-40°	1179.1	788.5	599.4	504.1	435.6	376.1	329.3	288.2	250.0	198.3	148.1
-42.5°	830.0	656.0	531.5	459.4	405.3	354.0	309.6	273.0	240.3	196.2	146.4
-45°	684.9	549.8	481.0	425.8	375.1	330.2	292.3	257.7	228.9	192.7	141.9
-47.5°	557.9	493.0	438.1	391.8	347.1	306.5	274.6	243.8	216.5	187.5	134.0
-50°	494.3	443.0	401.4	358.8	317.5	286.8	256.8	228.8	202.9	175.2	124.5
-52.5°	439.3	403.8	364.3	325.1	293.1	266.9	238.8	213.1	189.2	159.5	113.7
-55°	394.2	363.0	326.1	294.5	268.3	245.1	219.8	198.1	175.3	142.3	102.1
-57.5°	347.6	319.6	290.5	264.6	242.7	221.8	202.4	183.1	157.6	125.0	94.3
-60°	301.3	278.3	255.0	235.4	216.7	200.0	186.5	166.5	138.9	108.4	84.2
-62.5°	255.5	237.6	223.3	206.9	191.1	179.3	169.8	146.7	120.1	94.9	73.1
-65°	213.9	202.9	191.8	176.6	165.0	157.2	148.3	127.0	102.7	80.7	61.8
-67.5°	175.8	166.6	154.7	144.3	140.5	135.1	126.4	106.4	84.9	65.8	51.3
-70°	138.7	129.4	123.2	122.1	119.3	113.0	101.7	84.6	66.4	53.6	40.7
-72.5°	103.3	100.9	101.7	102.2	96.6	88.1	76.8	63.6	52.5	41.3	29.9
-75°	68.3	74.5	79.3	79.2	72.7	63.9	56.2	48.1	38.6	28.9	22.7
-77.5°	49.9	54.7	57.6	56.4	50.3	44.3	38.6	32.5	26.1	21.4	16.8
-80°	32.7	34.5	34.5	32.4	28.4	24.6	23.7	21.8	18.0	14.3	10.7
-82.5°	15.8	15.9	16.0	15.8	15.6	15.1	14.1	12.6	9.8	7.2	6.0
-85°	8.2	8.0	7.5	6.8	6.3	5.6	5.7	5.7	5.1	4.6	4.0
-87.5°	3.0	2.9	2.7	2.6	2.7	2.8	2.8	2.8	2.6	2.3	2.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.7	1.4	1.2	0.9	0.6	0.3	0.0
85°	3.5	2.9	2.3	1.7	1.2	0.6	0.0
82.5°	5.2	4.3	3.5	2.6	1.7	0.9	0.0
80°	7.3	5.8	4.6	3.5	2.3	1.2	0.0
77.5°	12.3	8.0	5.8	4.3	2.9	1.4	0.0
75°	17.1	11.5	7.1	5.2	3.5	1.7	0.0
72.5°	21.8	14.9	9.5	6.0	4.0	2.0	0.0
70°	26.9	18.2	11.7	7.0	4.6	2.3	0.0
67.5°	35.1	21.3	13.8	8.3	5.1	2.6	0.0
65°	42.7	25.5	15.9	9.6	5.7	2.8	0.0
62.5°	49.9	30.5	17.8	10.8	6.2	3.1	0.0
60°	56.4	35.1	19.6	12.0	6.7	3.3	0.0
57.5°	63.0	39.3	22.3	13.0	7.4	3.6	0.0
55°	68.8	43.0	24.8	14.0	8.0	3.8	0.0
52.5°	73.8	46.3	27.0	14.9	8.6	4.1	0.0
50°	78.0	49.4	28.9	15.7	9.2	4.3	0.0
47.5°	81.9	51.8	30.5	16.5	9.8	4.5	0.0
45°	88.5	53.6	31.7	17.4	10.4	4.7	0.0
42.5°	94.0	54.9	32.6	18.1	10.9	4.9	0.0
40°	98.5	55.5	33.2	18.9	11.4	5.1	0.0
37.5°	101.8	55.5	33.4	19.8	11.9	5.3	0.0
35°	104.0	56.7	33.3	20.7	12.4	5.5	0.0
32.5°	104.4	58.2	32.8	21.5	12.8	5.7	0.0
30°	102.5	59.0	32.0	22.2	13.2	5.8	0.0
27.5°	99.7	59.0	32.8	22.9	13.6	5.9	0.0
25°	96.1	58.3	33.8	23.6	13.9	6.1	0.0
22.5°	91.7	58.3	34.8	24.2	14.2	6.2	0.0
20°	86.6	61.1	35.6	24.7	14.5	6.3	0.0
17.5°	85.7	63.5	36.5	25.2	14.8	6.4	0.0
15°	87.5	65.6	37.2	25.6	15.0	6.5	0.0
12.5°	89.0	67.3	37.9	25.9	15.2	6.5	0.0
10°	90.4	68.7	38.5	26.2	15.3	6.6	0.0
7.5°	91.5	69.8	39.1	26.4	15.4	6.6	0.0
5°	92.4	70.6	39.5	26.6	15.5	6.7	0.0
2.5°	93.1	71.0	39.8	26.7	15.6	6.7	0.0
0°	93.5	71.2	40.1	26.7	15.6	6.7	0.0
-2.5°	93.1	71.0	39.8	26.7	15.6	6.7	0.0
-5°	92.4	70.6	39.5	26.6	15.5	6.7	0.0
-7.5°	91.5	69.8	39.1	26.4	15.4	6.6	0.0
-10°	90.4	68.7	38.5	26.2	15.3	6.6	0.0
-12.5°	89.0	67.3	37.9	25.9	15.2	6.5	0.0
-15°	87.5	65.6	37.2	25.6	15.0	6.5	0.0
-17.5°	85.7	63.5	36.5	25.2	14.8	6.4	0.0
-20°	86.6	61.1	35.6	24.7	14.5	6.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	91.7	58.3	34.8	24.2	14.2	6.2	0.0
-25°	96.1	58.3	33.8	23.6	13.9	6.1	0.0
-27.5°	99.7	59.0	32.8	22.9	13.6	5.9	0.0
-30°	102.5	59.0	32.0	22.2	13.2	5.8	0.0
-32.5°	104.4	58.2	32.8	21.5	12.8	5.7	0.0
-35°	104.0	56.7	33.3	20.7	12.4	5.5	0.0
-37.5°	101.8	55.5	33.4	19.8	11.9	5.3	0.0
-40°	98.5	55.5	33.2	18.9	11.4	5.1	0.0
-42.5°	94.0	54.9	32.6	18.1	10.9	4.9	0.0
-45°	88.5	53.6	31.7	17.4	10.4	4.7	0.0
-47.5°	81.9	51.8	30.5	16.5	9.8	4.5	0.0
-50°	78.0	49.4	28.9	15.7	9.2	4.3	0.0
-52.5°	73.8	46.3	27.0	14.9	8.6	4.1	0.0
-55°	68.8	43.0	24.8	14.0	8.0	3.8	0.0
-57.5°	63.0	39.3	22.3	13.0	7.4	3.6	0.0
-60°	56.4	35.1	19.6	12.0	6.7	3.3	0.0
-62.5°	49.9	30.5	17.8	10.8	6.2	3.1	0.0
-65°	42.7	25.5	15.9	9.6	5.7	2.8	0.0
-67.5°	35.1	21.3	13.8	8.3	5.1	2.6	0.0
-70°	26.9	18.2	11.7	7.0	4.6	2.3	0.0
-72.5°	21.8	14.9	9.5	6.0	4.0	2.0	0.0
-75°	17.1	11.5	7.1	5.2	3.5	1.7	0.0
-77.5°	12.3	8.0	5.8	4.3	2.9	1.4	0.0
-80°	7.3	5.8	4.6	3.5	2.3	1.2	0.0
-82.5°	5.2	4.3	3.5	2.6	1.7	0.9	0.0
-85°	3.5	2.9	2.3	1.7	1.2	0.6	0.0
-87.5°	1.7	1.4	1.2	0.9	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)