

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: P558859 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-930-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558859 (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-SA3E-930-U-WR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (48) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

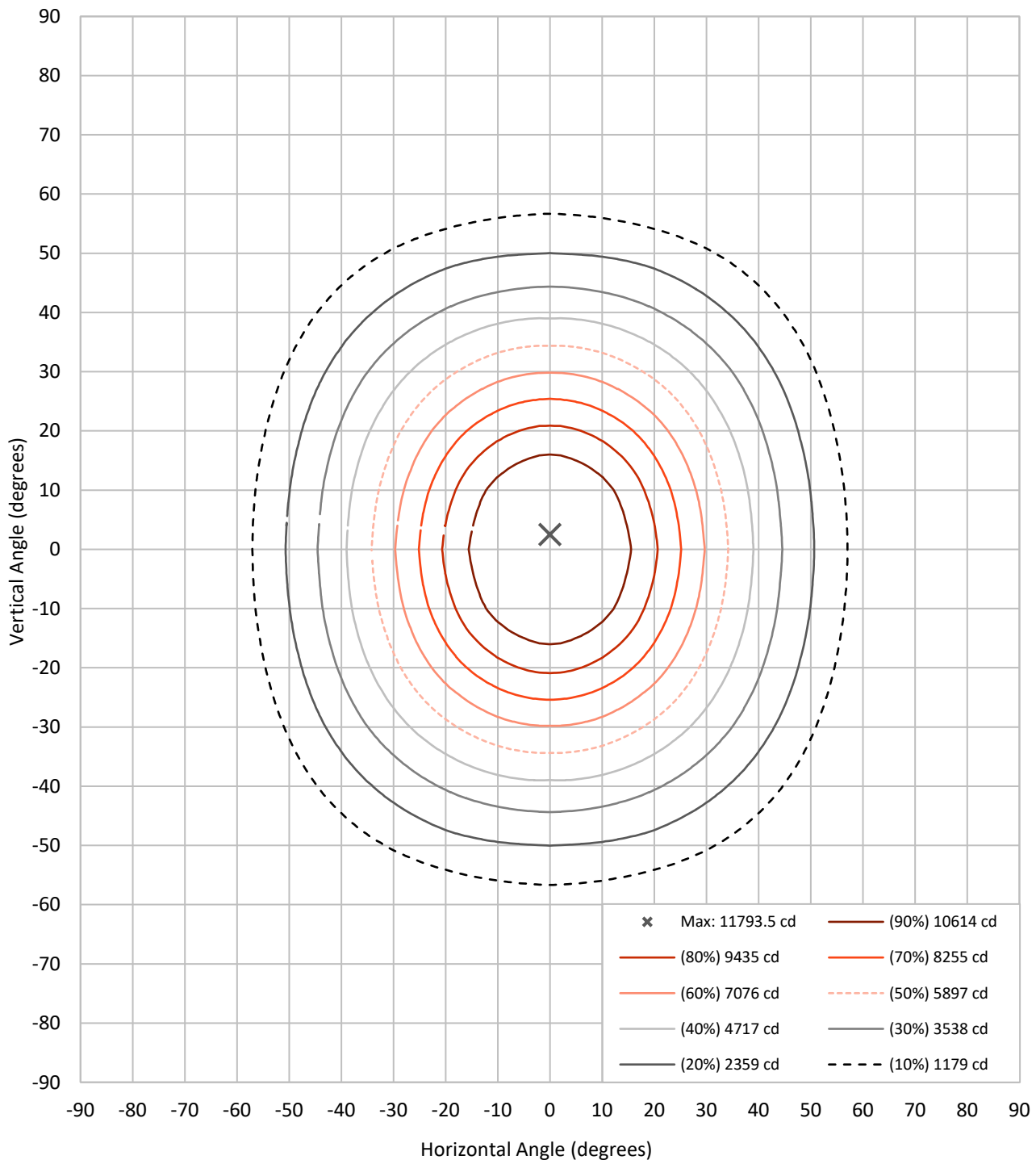
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	15961.5 lumens	Max Intensity:	11793.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	87.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	9570.1 lumens	Field Lumens:	15247.5 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 182
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: P558859 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





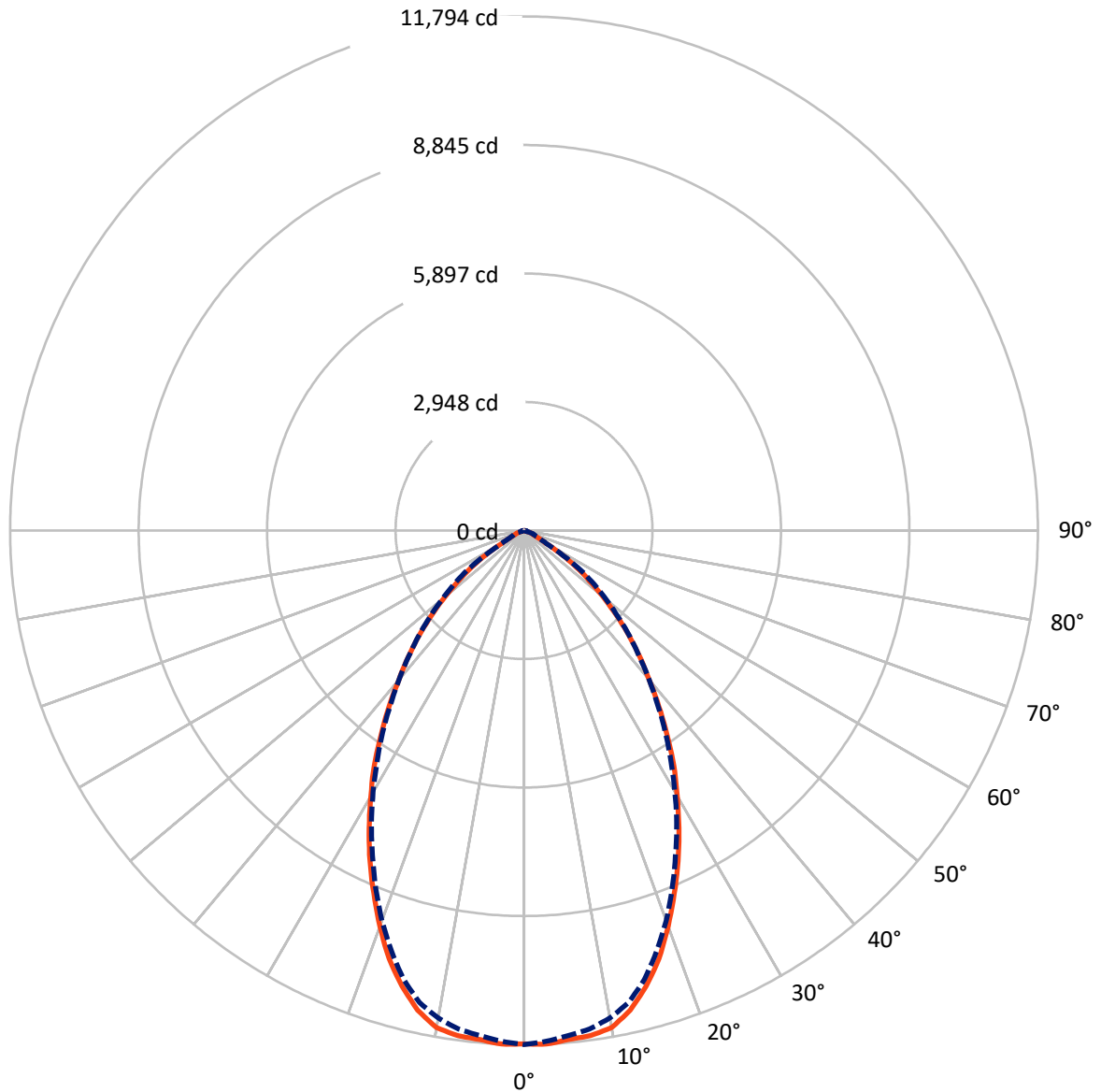
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Lumen Table

90																			
80	0.1	1.5		3.8		6.7		4.7		6.7		3.8		1.5		0.1			
70																			
60	0.7	1.1	2.1	3.4	4.9	6.4	7.9	8.9	8.9	7.9	6.4	4.9	3.4	2.1	1.1	0.7			
50		1.7	3.6	6.4	12.4	24.0	36.0	43.1	43.1	36.0	24.0	12.4	6.4	3.6	1.7				
40	1.3	2.3	5.2	15.3	40.2	66.9	89.0	101.5	101.5	89.0	66.9	40.2	15.3	5.2	2.3	1.3			
30		2.8	9.0	35.2	72.2	112.8	149.4	171.4	171.4	149.4	112.8	72.2	35.2	9.0	2.8				
20	1.4	3.4	16.3	53.3	102.5	160.4	214.4	248.3	248.3	214.4	160.4	102.5	53.3	16.3	3.4	1.4			
10		4.0	23.3	66.3	126.3	200.4	272.9	318.8	318.8	272.9	200.4	126.3	66.3	23.3	4.0				
0	1.4	4.4	27.2	73.3	139.7	223.9	306.6	350.5	350.5	306.6	223.9	139.7	73.3	27.2	4.4	1.4			
-10		4.4	27.2	73.3	139.7	223.9	306.6	350.5	350.5	306.6	223.9	139.7	73.3	27.2	4.4				
-20	1.4	4.0	23.3	66.3	126.3	200.4	272.9	318.8	318.8	272.9	200.4	126.3	66.3	23.3	4.0	1.4			
-30		3.4	16.3	53.3	102.5	160.4	214.4	248.3	248.3	214.4	160.4	102.5	53.3	16.3	3.4				
-40	1.3	2.8	9.0	35.2	72.2	112.8	149.4	171.4	171.4	149.4	112.8	72.2	35.2	9.0	2.8	1.3			
-50		2.3	5.2	15.3	40.2	66.9	89.0	101.5	101.5	89.0	66.9	40.2	15.3	5.2	2.3				
-60	0.7	1.7	3.6	6.4	12.4	24.0	36.0	43.1	43.1	36.0	24.0	12.4	6.4	3.6	1.7	0.7			
-70		1.1	2.1	3.4	4.9	6.4	7.9	8.9	8.9	7.9	6.4	4.9	3.4	2.1	1.1				
-80																			
-90	0.1	1.5		3.8		6.7		4.7		6.7		3.8		1.5		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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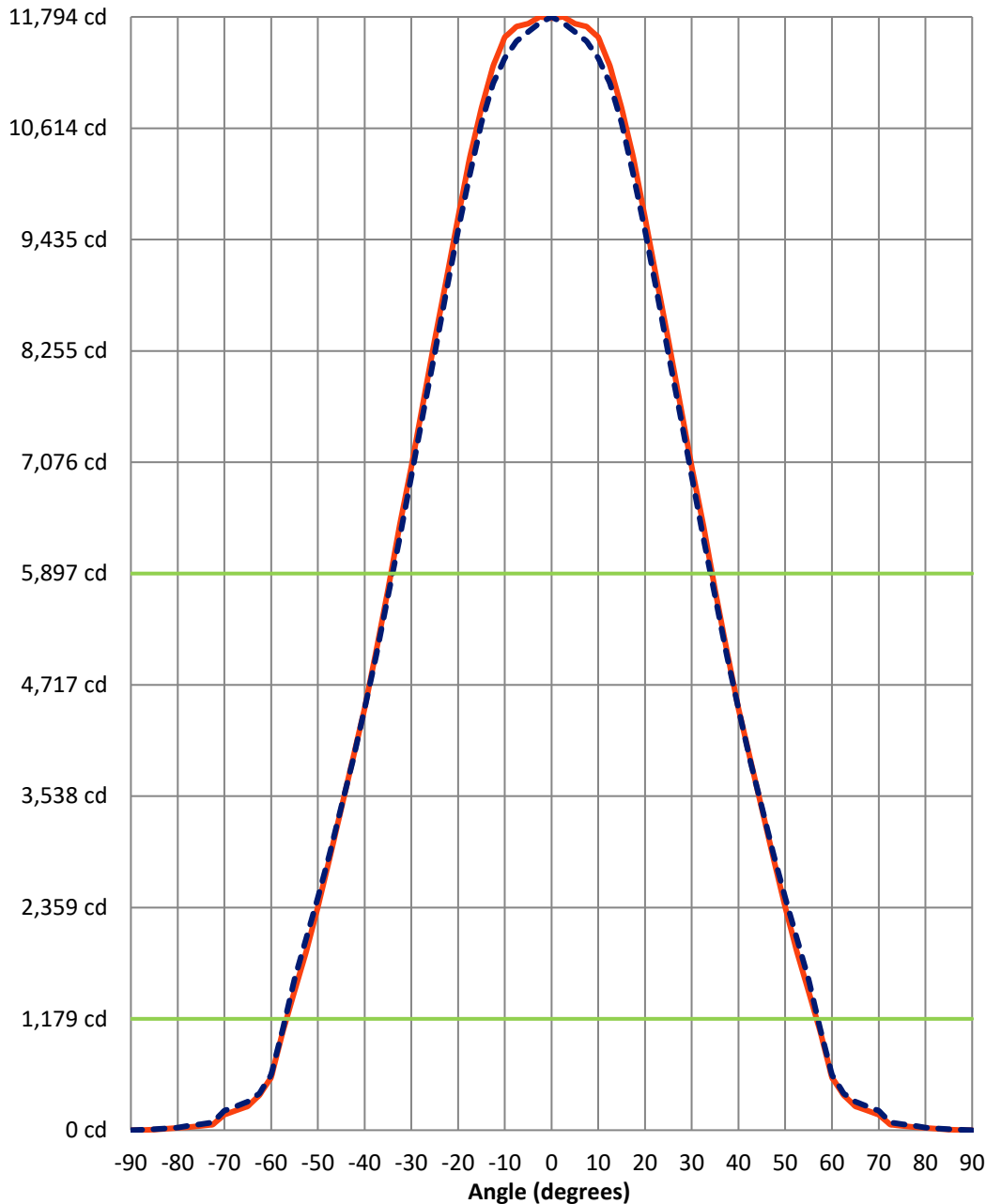
Luminous Intensity Polar Plot



— 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: 9570.1
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 15247.5
Efficiency: 95.5%

Spill:
Lumens: 714
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	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.5	1.7	1.9
85°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.4	3.8
82.5°	0.0	0.6	1.2	1.8	2.3	2.9	3.5	4.0	4.8	6.6	8.5
80°	0.0	0.8	1.6	2.3	3.1	3.9	4.9	7.3	9.7	12.2	14.9
77.5°	0.0	1.0	1.9	2.9	3.9	5.4	8.3	11.4	14.5	17.8	22.2
75°	0.0	1.2	2.3	3.5	4.8	7.8	11.6	15.5	19.7	26.3	32.8
72.5°	0.0	1.4	2.7	4.0	6.4	10.1	14.9	20.4	28.1	35.8	43.3
70°	0.0	1.5	3.1	4.7	7.9	12.3	18.3	27.7	36.5	45.2	57.6
67.5°	0.0	1.7	3.4	5.6	9.4	14.5	23.9	35.0	44.8	57.8	72.4
65°	0.0	1.9	3.8	6.5	10.8	17.3	29.1	42.1	54.9	69.9	86.5
62.5°	0.0	2.1	4.2	7.3	12.1	20.8	34.0	49.8	64.7	81.8	99.9
60°	0.0	2.2	4.5	8.1	13.3	23.9	38.4	57.4	73.9	94.6	113.4
57.5°	0.0	2.4	4.9	8.8	15.2	26.8	42.9	64.3	85.1	107.4	124.7
55°	0.0	2.6	5.4	9.5	16.9	29.3	46.9	69.6	96.9	119.4	134.9
52.5°	0.0	2.7	5.8	10.1	18.4	31.6	50.3	77.5	108.6	128.8	145.1
50°	0.0	2.9	6.2	10.7	19.7	33.6	53.2	84.8	119.3	138.2	155.9
47.5°	0.0	3.0	6.6	11.2	20.8	35.3	55.8	91.2	127.7	147.5	166.1
45°	0.0	3.2	7.0	11.8	21.6	36.6	60.3	96.7	131.3	155.9	175.5
42.5°	0.0	3.3	7.4	12.3	22.2	37.4	64.1	99.7	133.7	163.7	186.0
40°	0.0	3.4	7.7	12.8	22.6	37.8	67.1	100.9	135.1	170.3	196.4
37.5°	0.0	3.6	8.1	13.5	22.8	37.8	69.3	101.2	136.5	173.2	206.4
35°	0.0	3.7	8.4	14.1	22.7	38.7	70.8	100.7	138.0	179.5	216.3
32.5°	0.0	3.8	8.7	14.6	22.4	39.7	71.1	99.3	139.4	187.6	226.2
30°	0.0	3.9	9.0	15.1	21.8	40.2	69.8	97.9	140.7	197.2	235.6
27.5°	0.0	4.0	9.2	15.6	22.4	40.2	67.9	98.2	144.2	208.3	244.4
25°	0.0	4.1	9.5	16.1	23.1	39.8	65.4	98.2	151.6	217.0	252.8
22.5°	0.0	4.2	9.7	16.5	23.7	39.8	62.5	98.0	159.5	223.7	263.4
20°	0.0	4.2	9.9	16.8	24.3	41.6	59.0	97.5	167.6	229.7	272.9
17.5°	0.0	4.3	10.0	17.1	24.9	43.3	58.4	96.6	175.8	235.1	281.2
15°	0.0	4.3	10.2	17.4	25.4	44.7	59.6	96.1	183.8	239.9	288.2
12.5°	0.0	4.4	10.3	17.7	25.8	45.8	60.6	95.4	190.8	244.0	294.1
10°	0.0	4.4	10.4	17.9	26.2	46.8	61.6	93.5	196.7	247.2	298.6
7.5°	0.0	4.5	10.5	18.0	26.6	47.6	62.3	90.5	201.3	249.7	301.1
5°	0.0	4.5	10.6	18.1	26.9	48.1	63.0	86.7	204.6	251.6	302.5
2.5°	0.0	4.5	10.6	18.2	27.1	48.4	63.4	82.2	206.3	252.8	302.6
0°	0.0	4.5	10.6	18.2	27.3	48.5	63.7	77.3	206.2	253.2	301.7
-2.5°	0.0	4.5	10.6	18.2	27.1	48.4	63.4	82.2	206.3	252.8	302.6
-5°	0.0	4.5	10.6	18.1	26.9	48.1	63.0	86.7	204.6	251.6	302.5
-7.5°	0.0	4.5	10.5	18.0	26.6	47.6	62.3	90.5	201.3	249.7	301.1
-10°	0.0	4.4	10.4	17.9	26.2	46.8	61.6	93.5	196.7	247.2	298.6
-12.5°	0.0	4.4	10.3	17.7	25.8	45.8	60.6	95.4	190.8	244.0	294.1
-15°	0.0	4.3	10.2	17.4	25.4	44.7	59.6	96.1	183.8	239.9	288.2
-17.5°	0.0	4.3	10.0	17.1	24.9	43.3	58.4	96.6	175.8	235.1	281.2
-20°	0.0	4.2	9.9	16.8	24.3	41.6	59.0	97.5	167.6	229.7	272.9



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 CATALOG NUMBER: GFLD-SA3E-930-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	4.2	9.7	16.5	23.7	39.8	62.5	98.0	159.5	223.7	263.4
-25°	0.0	4.1	9.5	16.1	23.1	39.8	65.4	98.2	151.6	217.0	252.8
-27.5°	0.0	4.0	9.2	15.6	22.4	40.2	67.9	98.2	144.2	208.3	244.4
-30°	0.0	3.9	9.0	15.1	21.8	40.2	69.8	97.9	140.7	197.2	235.6
-32.5°	0.0	3.8	8.7	14.6	22.4	39.7	71.1	99.3	139.4	187.6	226.2
-35°	0.0	3.7	8.4	14.1	22.7	38.7	70.8	100.7	138.0	179.5	216.3
-37.5°	0.0	3.6	8.1	13.5	22.8	37.8	69.3	101.2	136.5	173.2	206.4
-40°	0.0	3.4	7.7	12.8	22.6	37.8	67.1	100.9	135.1	170.3	196.4
-42.5°	0.0	3.3	7.4	12.3	22.2	37.4	64.1	99.7	133.7	163.7	186.0
-45°	0.0	3.2	7.0	11.8	21.6	36.6	60.3	96.7	131.3	155.9	175.5
-47.5°	0.0	3.0	6.6	11.2	20.8	35.3	55.8	91.2	127.7	147.5	166.1
-50°	0.0	2.9	6.2	10.7	19.7	33.6	53.2	84.8	119.3	138.2	155.9
-52.5°	0.0	2.7	5.8	10.1	18.4	31.6	50.3	77.5	108.6	128.8	145.1
-55°	0.0	2.6	5.4	9.5	16.9	29.3	46.9	69.6	96.9	119.4	134.9
-57.5°	0.0	2.4	4.9	8.8	15.2	26.8	42.9	64.3	85.1	107.4	124.7
-60°	0.0	2.2	4.5	8.1	13.3	23.9	38.4	57.4	73.9	94.6	113.4
-62.5°	0.0	2.1	4.2	7.3	12.1	20.8	34.0	49.8	64.7	81.8	99.9
-65°	0.0	1.9	3.8	6.5	10.8	17.3	29.1	42.1	54.9	69.9	86.5
-67.5°	0.0	1.7	3.4	5.6	9.4	14.5	23.9	35.0	44.8	57.8	72.4
-70°	0.0	1.5	3.1	4.7	7.9	12.3	18.3	27.7	36.5	45.2	57.6
-72.5°	0.0	1.4	2.7	4.0	6.4	10.1	14.9	20.4	28.1	35.8	43.3
-75°	0.0	1.2	2.3	3.5	4.8	7.8	11.6	15.5	19.7	26.3	32.8
-77.5°	0.0	1.0	1.9	2.9	3.9	5.4	8.3	11.4	14.5	17.8	22.2
-80°	0.0	0.8	1.6	2.3	3.1	3.9	4.9	7.3	9.7	12.2	14.9
-82.5°	0.0	0.6	1.2	1.8	2.3	2.9	3.5	4.0	4.8	6.6	8.5
-85°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.4	3.8
-87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.5	1.7	1.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	1.9	1.9	1.8	1.7	1.8	1.9	2.0	2.1	1.9	1.7	1.5
85°	3.8	3.8	4.3	4.6	5.1	5.4	5.5	5.5	6.2	7.1	8.1
82.5°	9.6	10.2	10.6	10.7	10.9	10.8	10.7	10.7	13.1	16.3	19.9
80°	16.1	16.8	19.3	22.1	23.5	23.5	22.3	19.8	23.5	29.4	36.5
77.5°	26.3	30.2	34.3	38.5	39.2	37.2	34.0	29.5	34.7	45.2	57.0
75°	38.3	43.6	49.5	54.0	54.0	50.8	46.5	45.6	54.5	67.1	77.5
72.5°	52.3	60.0	65.8	69.6	69.2	68.7	70.4	74.1	81.4	90.6	98.7
70°	69.3	77.0	81.2	83.2	83.9	88.1	94.4	99.2	104.4	113.5	121.9
67.5°	86.1	92.0	95.7	98.3	105.3	113.4	119.7	125.5	131.9	141.2	148.9
65°	101.1	107.1	112.4	120.2	130.6	138.2	145.7	153.4	164.5	175.0	181.2
62.5°	115.7	122.1	130.2	140.9	152.1	161.8	174.0	187.8	202.2	212.9	225.1
60°	127.1	136.2	147.6	160.3	173.7	189.6	205.2	221.3	236.1	250.4	268.4
57.5°	137.9	151.0	165.3	180.2	197.9	217.7	236.8	254.2	272.7	292.7	313.1
55°	149.7	166.9	182.8	200.6	222.1	247.3	268.5	289.1	311.3	344.9	374.3
52.5°	162.7	181.7	199.6	221.4	248.2	275.0	299.2	328.0	365.1	415.1	496.2
50°	174.9	195.4	216.3	244.4	273.4	301.7	336.6	376.8	451.2	544.3	707.4
47.5°	187.1	208.8	236.5	266.8	298.4	335.7	380.0	467.9	569.2	801.3	1032.5
45°	199.2	224.9	255.5	290.0	327.6	374.5	466.4	574.9	850.5	1117.5	1395.5
42.5°	210.9	241.1	276.0	312.8	362.0	446.7	565.3	851.7	1150.1	1456.6	1723.5
40°	224.3	256.2	296.7	343.3	408.3	537.0	803.0	1125.5	1461.8	1751.4	2011.1
37.5°	236.9	274.6	318.6	372.9	489.6	704.5	1047.3	1404.9	1730.6	2013.6	2291.0
35°	248.4	292.5	344.9	426.4	569.4	923.5	1295.1	1658.8	1970.1	2272.2	2575.7
32.5°	262.0	309.8	370.2	497.1	752.3	1135.0	1530.3	1876.9	2202.9	2525.1	2871.7
30°	277.0	331.2	405.4	564.7	933.5	1340.4	1732.1	2086.1	2424.1	2782.0	3153.2
27.5°	291.1	351.9	463.7	695.6	1103.9	1532.3	1915.7	2280.0	2642.8	3023.9	3423.5
25°	304.0	371.5	518.4	839.2	1268.3	1695.9	2084.6	2455.3	2847.1	3261.2	3681.7
22.5°	317.8	390.6	567.7	969.9	1418.8	1841.6	2233.7	2626.8	3041.5	3480.4	3919.1
20°	332.7	431.5	648.8	1090.7	1555.5	1974.0	2367.6	2786.1	3223.4	3678.0	4141.3
17.5°	346.4	467.6	745.8	1205.2	1670.4	2089.1	2488.0	2930.5	3381.6	3856.8	4344.8
15°	358.6	498.9	831.2	1306.5	1768.0	2186.8	2605.5	3058.6	3522.2	4017.1	4524.0
12.5°	369.3	525.3	904.7	1394.1	1850.3	2270.4	2704.3	3166.6	3647.5	4157.3	4685.5
10°	378.5	546.9	965.7	1467.3	1917.3	2339.4	2783.6	3256.6	3747.2	4270.2	4815.8
7.5°	384.3	564.7	1014.0	1525.8	1968.9	2393.4	2843.4	3327.4	3820.2	4358.3	4914.3
5°	388.0	579.2	1048.9	1569.1	2006.6	2434.2	2886.5	3378.3	3867.0	4420.2	4980.5
2.5°	389.8	589.1	1070.2	1596.8	2030.1	2462.8	2922.2	3422.9	3916.3	4464.2	5031.8
0°	389.6	594.3	1077.9	1608.6	2039.1	2475.8	2939.7	3446.0	3947.9	4483.0	5066.7
-2.5°	389.8	589.1	1070.2	1596.8	2030.1	2462.8	2922.2	3422.9	3916.3	4464.2	5031.8
-5°	388.0	579.2	1048.9	1569.1	2006.6	2434.2	2886.5	3378.3	3867.0	4420.2	4980.5
-7.5°	384.3	564.7	1014.0	1525.8	1968.9	2393.4	2843.4	3327.4	3820.2	4358.3	4914.3
-10°	378.5	546.9	965.7	1467.3	1917.3	2339.4	2783.6	3256.6	3747.2	4270.2	4815.8
-12.5°	369.3	525.3	904.7	1394.1	1850.3	2270.4	2704.3	3166.6	3647.5	4157.3	4685.5
-15°	358.6	498.9	831.2	1306.5	1768.0	2186.8	2605.5	3058.6	3522.2	4017.1	4524.0
-17.5°	346.4	467.6	745.8	1205.2	1670.4	2089.1	2488.0	2930.5	3381.6	3856.8	4344.8
-20°	332.7	431.5	648.8	1090.7	1555.5	1974.0	2367.6	2786.1	3223.4	3678.0	4141.3



REPORT NUMBER: P558859 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-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°	317.8	390.6	567.7	969.9	1418.8	1841.6	2233.7	2626.8	3041.5	3480.4	3919.1
-25°	304.0	371.5	518.4	839.2	1268.3	1695.9	2084.6	2455.3	2847.1	3261.2	3681.7
-27.5°	291.1	351.9	463.7	695.6	1103.9	1532.3	1915.7	2280.0	2642.8	3023.9	3423.5
-30°	277.0	331.2	405.4	564.7	933.5	1340.4	1732.1	2086.1	2424.1	2782.0	3153.2
-32.5°	262.0	309.8	370.2	497.1	752.3	1135.0	1530.3	1876.9	2202.9	2525.1	2871.7
-35°	248.4	292.5	344.9	426.4	569.4	923.5	1295.1	1658.8	1970.1	2272.2	2575.7
-37.5°	236.9	274.6	318.6	372.9	489.6	704.5	1047.3	1404.9	1730.6	2013.6	2291.0
-40°	224.3	256.2	296.7	343.3	408.3	537.0	803.0	1125.5	1461.8	1751.4	2011.1
-42.5°	210.9	241.1	276.0	312.8	362.0	446.7	565.3	851.7	1150.1	1456.6	1723.5
-45°	199.2	224.9	255.5	290.0	327.6	374.5	466.4	574.9	850.5	1117.5	1395.5
-47.5°	187.1	208.8	236.5	266.8	298.4	335.7	380.0	467.9	569.2	801.3	1032.5
-50°	174.9	195.4	216.3	244.4	273.4	301.7	336.6	376.8	451.2	544.3	707.4
-52.5°	162.7	181.7	199.6	221.4	248.2	275.0	299.2	328.0	365.1	415.1	496.2
-55°	149.7	166.9	182.8	200.6	222.1	247.3	268.5	289.1	311.3	344.9	374.3
-57.5°	137.9	151.0	165.3	180.2	197.9	217.7	236.8	254.2	272.7	292.7	313.1
-60°	127.1	136.2	147.6	160.3	173.7	189.6	205.2	221.3	236.1	250.4	268.4
-62.5°	115.7	122.1	130.2	140.9	152.1	161.8	174.0	187.8	202.2	212.9	225.1
-65°	101.1	107.1	112.4	120.2	130.6	138.2	145.7	153.4	164.5	175.0	181.2
-67.5°	86.1	92.0	95.7	98.3	105.3	113.4	119.7	125.5	131.9	141.2	148.9
-70°	69.3	77.0	81.2	83.2	83.9	88.1	94.4	99.2	104.4	113.5	121.9
-72.5°	52.3	60.0	65.8	69.6	69.2	68.7	70.4	74.1	81.4	90.6	98.7
-75°	38.3	43.6	49.5	54.0	54.0	50.8	46.5	45.6	54.5	67.1	77.5
-77.5°	26.3	30.2	34.3	38.5	39.2	37.2	34.0	29.5	34.7	45.2	57.0
-80°	16.1	16.8	19.3	22.1	23.5	23.5	22.3	19.8	23.5	29.4	36.5
-82.5°	9.6	10.2	10.6	10.7	10.9	10.8	10.7	10.7	13.1	16.3	19.9
-85°	3.8	3.8	4.3	4.6	5.1	5.4	5.5	5.5	6.2	7.1	8.1
-87.5°	1.9	1.9	1.8	1.7	1.8	1.9	2.0	2.1	1.9	1.7	1.5
-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: P558859 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-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°	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5
85°	9.2	9.1	8.7	8.3	7.7	7.9	8.2	8.4	8.6	8.0	7.4
82.5°	23.8	25.5	27.2	29.0	30.8	30.5	29.7	28.5	26.9	24.0	20.7
80°	44.6	48.7	51.5	53.7	55.5	53.8	51.2	48.2	44.9	39.8	34.4
77.5°	69.1	73.3	75.6	78.1	81.1	81.6	81.8	82.0	82.3	73.1	61.3
75°	85.9	91.4	96.0	100.0	103.6	105.4	106.5	107.7	108.7	96.4	80.3
72.5°	105.6	111.0	115.3	119.7	123.6	126.5	128.8	130.7	132.2	122.2	108.1
70°	128.6	134.0	139.0	143.5	147.9	151.9	155.5	158.9	161.9	162.5	163.2
67.5°	154.6	157.8	163.7	169.4	176.3	181.2	186.8	192.0	196.7	200.8	204.2
65°	186.8	198.2	209.8	215.5	216.0	223.2	234.5	240.8	242.7	244.1	247.7
62.5°	240.8	255.6	263.3	273.5	287.4	302.6	308.5	316.8	327.0	338.5	349.0
60°	283.7	296.3	315.0	334.1	351.1	366.5	403.9	437.1	465.5	490.0	513.6
57.5°	337.0	357.7	386.4	438.1	485.4	528.1	601.2	690.4	769.9	839.4	900.5
55°	421.9	482.3	536.7	658.7	789.1	901.9	1007.5	1120.4	1212.4	1284.3	1350.8
52.5°	566.7	732.8	901.2	1059.6	1215.4	1357.2	1484.4	1584.5	1662.7	1721.3	1776.9
50°	907.1	1107.4	1312.5	1501.5	1654.5	1794.3	1926.7	2026.0	2109.1	2180.6	2244.0
47.5°	1278.4	1512.8	1706.6	1880.9	2045.8	2200.9	2345.7	2466.6	2569.0	2663.4	2742.0
45°	1647.8	1857.4	2056.2	2243.1	2422.5	2596.4	2752.2	2889.7	3025.2	3137.1	3225.7
42.5°	1960.1	2182.1	2393.6	2607.5	2808.1	3003.1	3191.3	3358.6	3502.5	3624.8	3723.2
40°	2260.0	2499.3	2750.4	2987.9	3226.2	3448.7	3657.2	3848.1	4012.0	4156.8	4279.4
37.5°	2565.1	2844.6	3120.5	3391.1	3653.6	3895.6	4135.0	4355.2	4547.3	4716.7	4859.0
35°	2887.2	3195.1	3495.4	3800.3	4087.0	4367.0	4631.6	4874.0	5086.7	5286.3	5457.9
32.5°	3209.8	3543.5	3881.6	4211.5	4529.0	4842.7	5132.8	5406.2	5657.6	5878.5	6061.7
30°	3523.9	3891.3	4253.0	4612.5	4974.9	5316.6	5638.0	5938.2	6211.0	6451.7	6659.9
27.5°	3825.3	4220.2	4608.2	5019.4	5413.2	5785.0	6134.1	6456.8	6761.3	7035.0	7271.3
25°	4104.2	4523.7	4975.9	5407.2	5828.6	6240.9	6623.5	6974.0	7322.1	7623.3	7879.8
22.5°	4367.7	4835.9	5312.0	5764.3	6229.3	6682.6	7110.8	7517.1	7888.9	8204.5	8478.0
20°	4618.3	5122.1	5612.7	6113.5	6617.0	7106.0	7577.6	8011.8	8404.7	8748.5	9057.0
17.5°	4855.0	5376.3	5897.6	6432.4	6976.1	7490.3	7989.9	8462.2	8891.1	9272.6	9620.4
15°	5059.7	5598.3	6156.6	6724.9	7293.6	7840.4	8370.6	8885.2	9367.7	9783.0	10133.7
12.5°	5233.7	5794.8	6385.4	6981.6	7581.1	8154.3	8716.3	9266.9	9779.8	10226.3	10586.3
10°	5378.0	5965.9	6582.8	7203.8	7818.7	8414.2	8998.8	9568.5	10119.3	10582.1	10951.9
7.5°	5498.2	6108.7	6739.8	7379.7	8000.1	8618.5	9228.1	9803.6	10346.3	10834.3	11214.4
5°	5588.1	6208.8	6853.2	7509.0	8138.9	8779.4	9407.1	9996.0	10533.4	10975.6	11285.8
2.5°	5655.0	6271.1	6926.8	7586.9	8225.2	8888.8	9529.9	10119.4	10669.4	11087.9	11356.6
0°	5700.4	6305.4	6993.7	7641.0	8289.9	8970.6	9604.3	10200.2	10752.0	11161.3	11438.8
-2.5°	5655.0	6271.1	6926.8	7586.9	8225.2	8888.8	9529.9	10119.4	10669.4	11087.9	11356.6
-5°	5588.1	6208.8	6853.2	7509.0	8138.9	8779.4	9407.1	9996.0	10533.4	10975.6	11285.8
-7.5°	5498.2	6108.7	6739.8	7379.7	8000.1	8618.5	9228.1	9803.6	10346.3	10834.3	11214.4
-10°	5378.0	5965.9	6582.8	7203.8	7818.7	8414.2	8998.8	9568.5	10119.3	10582.1	10951.9
-12.5°	5233.7	5794.8	6385.4	6981.6	7581.1	8154.3	8716.3	9266.9	9779.8	10226.3	10586.3
-15°	5059.7	5598.3	6156.6	6724.9	7293.6	7840.4	8370.6	8885.2	9367.7	9783.0	10133.7
-17.5°	4855.0	5376.3	5897.6	6432.4	6976.1	7490.3	7989.9	8462.2	8891.1	9272.6	9620.4
-20°	4618.3	5122.1	5612.7	6113.5	6617.0	7106.0	7577.6	8011.8	8404.7	8748.5	9057.0



REPORT NUMBER: P558859 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4367.7	4835.9	5312.0	5764.3	6229.3	6682.6	7110.8	7517.1	7888.9	8204.5	8478.0
-25°	4104.2	4523.7	4975.9	5407.2	5828.6	6240.9	6623.5	6974.0	7322.1	7623.3	7879.8
-27.5°	3825.3	4220.2	4608.2	5019.4	5413.2	5785.0	6134.1	6456.8	6761.3	7035.0	7271.3
-30°	3523.9	3891.3	4253.0	4612.5	4974.9	5316.6	5638.0	5938.2	6211.0	6451.7	6659.9
-32.5°	3209.8	3543.5	3881.6	4211.5	4529.0	4842.7	5132.8	5406.2	5657.6	5878.5	6061.7
-35°	2887.2	3195.1	3495.4	3800.3	4087.0	4367.0	4631.6	4874.0	5086.7	5286.3	5457.9
-37.5°	2565.1	2844.6	3120.5	3391.1	3653.6	3895.6	4135.0	4355.2	4547.3	4716.7	4859.0
-40°	2260.0	2499.3	2750.4	2987.9	3226.2	3448.7	3657.2	3848.1	4012.0	4156.8	4279.4
-42.5°	1960.1	2182.1	2393.6	2607.5	2808.1	3003.1	3191.3	3358.6	3502.5	3624.8	3723.2
-45°	1647.8	1857.4	2056.2	2243.1	2422.5	2596.4	2752.2	2889.7	3025.2	3137.1	3225.7
-47.5°	1278.4	1512.8	1706.6	1880.9	2045.8	2200.9	2345.7	2466.6	2569.0	2663.4	2742.0
-50°	907.1	1107.4	1312.5	1501.5	1654.5	1794.3	1926.7	2026.0	2109.1	2180.6	2244.0
-52.5°	566.7	732.8	901.2	1059.6	1215.4	1357.2	1484.4	1584.5	1662.7	1721.3	1776.9
-55°	421.9	482.3	536.7	658.7	789.1	901.9	1007.5	1120.4	1212.4	1284.3	1350.8
-57.5°	337.0	357.7	386.4	438.1	485.4	528.1	601.2	690.4	769.9	839.4	900.5
-60°	283.7	296.3	315.0	334.1	351.1	366.5	403.9	437.1	465.5	490.0	513.6
-62.5°	240.8	255.6	263.3	273.5	287.4	302.6	308.5	316.8	327.0	338.5	349.0
-65°	186.8	198.2	209.8	215.5	216.0	223.2	234.5	240.8	242.7	244.1	247.7
-67.5°	154.6	157.8	163.7	169.4	176.3	181.2	186.8	192.0	196.7	200.8	204.2
-70°	128.6	134.0	139.0	143.5	147.9	151.9	155.5	158.9	161.9	162.5	163.2
-72.5°	105.6	111.0	115.3	119.7	123.6	126.5	128.8	130.7	132.2	122.2	108.1
-75°	85.9	91.4	96.0	100.0	103.6	105.4	106.5	107.7	108.7	96.4	80.3
-77.5°	69.1	73.3	75.6	78.1	81.1	81.6	81.8	82.0	82.3	73.1	61.3
-80°	44.6	48.7	51.5	53.7	55.5	53.8	51.2	48.2	44.9	39.8	34.4
-82.5°	23.8	25.5	27.2	29.0	30.8	30.5	29.7	28.5	26.9	24.0	20.7
-85°	9.2	9.1	8.7	8.3	7.7	7.9	8.2	8.4	8.6	8.0	7.4
-87.5°	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5
-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: P558859 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-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°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4
85°	6.8	6.1	6.1	6.1	6.1	6.1	6.8	7.4	8.0	8.6	8.4
82.5°	17.2	13.6	14.4	15.2	14.4	13.6	17.2	20.7	24.0	26.9	28.5
80°	28.7	22.7	23.5	24.3	23.5	22.7	28.7	34.4	39.8	44.9	48.2
77.5°	48.6	35.3	34.1	33.4	34.1	35.3	48.6	61.3	73.1	82.3	82.0
75°	63.6	46.4	45.4	45.5	45.4	46.4	63.6	80.3	96.4	108.7	107.7
72.5°	93.8	79.3	69.3	59.1	69.3	79.3	93.8	108.1	122.2	132.2	130.7
70°	165.0	167.0	166.2	163.7	166.2	167.0	165.0	163.2	162.5	161.9	158.9
67.5°	207.0	209.2	209.6	209.2	209.6	209.2	207.0	204.2	200.8	196.7	192.0
65°	250.2	251.6	252.8	253.2	252.8	251.6	250.2	247.7	244.1	242.7	240.8
62.5°	356.8	362.0	367.6	371.4	367.6	362.0	356.8	349.0	338.5	327.0	316.8
60°	534.2	551.2	558.8	559.4	558.8	551.2	534.2	513.6	490.0	465.5	437.1
57.5°	949.4	986.0	1018.6	1043.1	1018.6	986.0	949.4	900.5	839.4	769.9	690.4
55°	1403.8	1442.7	1464.7	1470.6	1464.7	1442.7	1403.8	1350.8	1284.3	1212.4	1120.4
52.5°	1819.0	1844.9	1869.4	1890.5	1869.4	1844.9	1819.0	1776.9	1721.3	1662.7	1584.5
50°	2291.8	2320.6	2344.9	2363.6	2344.9	2320.6	2291.8	2244.0	2180.6	2109.1	2026.0
47.5°	2797.2	2832.5	2858.5	2876.0	2858.5	2832.5	2797.2	2742.0	2663.4	2569.0	2466.6
45°	3301.5	3361.9	3398.7	3405.1	3398.7	3361.9	3301.5	3225.7	3137.1	3025.2	2889.7
42.5°	3808.3	3866.3	3905.4	3934.2	3905.4	3866.3	3808.3	3723.2	3624.8	3502.5	3358.6
40°	4381.6	4454.3	4487.7	4466.4	4487.7	4454.3	4381.6	4279.4	4156.8	4012.0	3848.1
37.5°	4968.8	5043.6	5082.2	5080.4	5082.2	5043.6	4968.8	4859.0	4716.7	4547.3	4355.2
35°	5591.3	5684.1	5734.3	5721.7	5734.3	5684.1	5591.3	5457.9	5286.3	5086.7	4874.0
32.5°	6208.1	6320.2	6392.6	6403.9	6392.6	6320.2	6208.1	6061.7	5878.5	5657.6	5406.2
30°	6826.7	6948.0	7020.0	7027.0	7020.0	6948.0	6826.7	6659.9	6451.7	6211.0	5938.2
27.5°	7469.6	7605.2	7680.6	7698.6	7680.6	7605.2	7469.6	7271.3	7035.0	6761.3	6456.8
25°	8098.6	8249.1	8335.6	8368.7	8335.6	8249.1	8098.6	7879.8	7623.3	7322.1	6974.0
22.5°	8705.1	8870.1	8982.8	9011.5	8982.8	8870.1	8705.1	8478.0	8204.5	7888.9	7517.1
20°	9313.3	9508.1	9652.3	9666.5	9652.3	9508.1	9313.3	9057.0	8748.5	8404.7	8011.8
17.5°	9899.0	10109.8	10264.0	10301.7	10264.0	10109.8	9899.0	9620.4	9272.6	8891.1	8462.2
15°	10423.4	10644.5	10793.5	10826.3	10793.5	10644.5	10423.4	10133.7	9783.0	9367.7	8885.2
12.5°	10875.8	11079.7	11218.8	11272.0	11218.8	11079.7	10875.8	10586.3	10226.3	9779.8	9266.9
10°	11240.4	11397.8	11522.1	11578.3	11522.1	11397.8	11240.4	10951.9	10582.1	10119.3	9568.5
7.5°	11443.9	11573.4	11659.5	11690.5	11659.5	11573.4	11443.9	11214.4	10834.3	10346.3	9803.6
5°	11524.2	11648.4	11695.0	11722.3	11695.0	11648.4	11524.2	11285.8	10975.6	10533.4	9996.0
2.5°	11535.2	11634.6	11730.5	11793.5	11730.5	11634.6	11535.2	11356.6	11087.9	10669.4	10119.4
0°	11599.5	11696.5	11749.6	11779.9	11749.6	11696.5	11599.5	11438.8	11161.3	10752.0	10200.2
-2.5°	11535.2	11634.6	11730.5	11793.5	11730.5	11634.6	11535.2	11356.6	11087.9	10669.4	10119.4
-5°	11524.2	11648.4	11695.0	11722.3	11695.0	11648.4	11524.2	11285.8	10975.6	10533.4	9996.0
-7.5°	11443.9	11573.4	11659.5	11690.5	11659.5	11573.4	11443.9	11214.4	10834.3	10346.3	9803.6
-10°	11240.4	11397.8	11522.1	11578.3	11522.1	11397.8	11240.4	10951.9	10582.1	10119.3	9568.5
-12.5°	10875.8	11079.7	11218.8	11272.0	11218.8	11079.7	10875.8	10586.3	10226.3	9779.8	9266.9
-15°	10423.4	10644.5	10793.5	10826.3	10793.5	10644.5	10423.4	10133.7	9783.0	9367.7	8885.2
-17.5°	9899.0	10109.8	10264.0	10301.7	10264.0	10109.8	9899.0	9620.4	9272.6	8891.1	8462.2
-20°	9313.3	9508.1	9652.3	9666.5	9652.3	9508.1	9313.3	9057.0	8748.5	8404.7	8011.8



REPORT NUMBER: P558859 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-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°	8705.1	8870.1	8982.8	9011.5	8982.8	8870.1	8705.1	8478.0	8204.5	7888.9	7517.1
-25°	8098.6	8249.1	8335.6	8368.7	8335.6	8249.1	8098.6	7879.8	7623.3	7322.1	6974.0
-27.5°	7469.6	7605.2	7680.6	7698.6	7680.6	7605.2	7469.6	7271.3	7035.0	6761.3	6456.8
-30°	6826.7	6948.0	7020.0	7027.0	7020.0	6948.0	6826.7	6659.9	6451.7	6211.0	5938.2
-32.5°	6208.1	6320.2	6392.6	6403.9	6392.6	6320.2	6208.1	6061.7	5878.5	5657.6	5406.2
-35°	5591.3	5684.1	5734.3	5721.7	5734.3	5684.1	5591.3	5457.9	5286.3	5086.7	4874.0
-37.5°	4968.8	5043.6	5082.2	5080.4	5082.2	5043.6	4968.8	4859.0	4716.7	4547.3	4355.2
-40°	4381.6	4454.3	4487.7	4466.4	4487.7	4454.3	4381.6	4279.4	4156.8	4012.0	3848.1
-42.5°	3808.3	3866.3	3905.4	3934.2	3905.4	3866.3	3808.3	3723.2	3624.8	3502.5	3358.6
-45°	3301.5	3361.9	3398.7	3405.1	3398.7	3361.9	3301.5	3225.7	3137.1	3025.2	2889.7
-47.5°	2797.2	2832.5	2858.5	2876.0	2858.5	2832.5	2797.2	2742.0	2663.4	2569.0	2466.6
-50°	2291.8	2320.6	2344.9	2363.6	2344.9	2320.6	2291.8	2244.0	2180.6	2109.1	2026.0
-52.5°	1819.0	1844.9	1869.4	1890.5	1869.4	1844.9	1819.0	1776.9	1721.3	1662.7	1584.5
-55°	1403.8	1442.7	1464.7	1470.6	1464.7	1442.7	1403.8	1350.8	1284.3	1212.4	1120.4
-57.5°	949.4	986.0	1018.6	1043.1	1018.6	986.0	949.4	900.5	839.4	769.9	690.4
-60°	534.2	551.2	558.8	559.4	558.8	551.2	534.2	513.6	490.0	465.5	437.1
-62.5°	356.8	362.0	367.6	371.4	367.6	362.0	356.8	349.0	338.5	327.0	316.8
-65°	250.2	251.6	252.8	253.2	252.8	251.6	250.2	247.7	244.1	242.7	240.8
-67.5°	207.0	209.2	209.6	209.2	209.6	209.2	207.0	204.2	200.8	196.7	192.0
-70°	165.0	167.0	166.2	163.7	166.2	167.0	165.0	163.2	162.5	161.9	158.9
-72.5°	93.8	79.3	69.3	59.1	69.3	79.3	93.8	108.1	122.2	132.2	130.7
-75°	63.6	46.4	45.4	45.5	45.4	46.4	63.6	80.3	96.4	108.7	107.7
-77.5°	48.6	35.3	34.1	33.4	34.1	35.3	48.6	61.3	73.1	82.3	82.0
-80°	28.7	22.7	23.5	24.3	23.5	22.7	28.7	34.4	39.8	44.9	48.2
-82.5°	17.2	13.6	14.4	15.2	14.4	13.6	17.2	20.7	24.0	26.9	28.5
-85°	6.8	6.1	6.1	6.1	6.1	6.1	6.8	7.4	8.0	8.6	8.4
-87.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4
-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: P558859 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-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°	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.5	1.7	1.9	2.1
85°	8.2	7.9	7.7	8.3	8.7	9.1	9.2	8.1	7.1	6.2	5.5
82.5°	29.7	30.5	30.8	29.0	27.2	25.5	23.8	19.9	16.3	13.1	10.7
80°	51.2	53.8	55.5	53.7	51.5	48.7	44.6	36.5	29.4	23.5	19.8
77.5°	81.8	81.6	81.1	78.1	75.6	73.3	69.1	57.0	45.2	34.7	29.5
75°	106.5	105.4	103.6	100.0	96.0	91.4	85.9	77.5	67.1	54.5	45.6
72.5°	128.8	126.5	123.6	119.7	115.3	111.0	105.6	98.7	90.6	81.4	74.1
70°	155.5	151.9	147.9	143.5	139.0	134.0	128.6	121.9	113.5	104.4	99.2
67.5°	186.8	181.2	176.3	169.4	163.7	157.8	154.6	148.9	141.2	131.9	125.5
65°	234.5	223.2	216.0	215.5	209.8	198.2	186.8	181.2	175.0	164.5	153.4
62.5°	308.5	302.6	287.4	273.5	263.3	255.6	240.8	225.1	212.9	202.2	187.8
60°	403.9	366.5	351.1	334.1	315.0	296.3	283.7	268.4	250.4	236.1	221.3
57.5°	601.2	528.1	485.4	438.1	386.4	357.7	337.0	313.1	292.7	272.7	254.2
55°	1007.5	901.9	789.1	658.7	536.7	482.3	421.9	374.3	344.9	311.3	289.1
52.5°	1484.4	1357.2	1215.4	1059.6	901.2	732.8	566.7	496.2	415.1	365.1	328.0
50°	1926.7	1794.3	1654.5	1501.5	1312.5	1107.4	907.1	707.4	544.3	451.2	376.8
47.5°	2345.7	2200.9	2045.8	1880.9	1706.6	1512.8	1278.4	1032.5	801.3	569.2	467.9
45°	2752.2	2596.4	2422.5	2243.1	2056.2	1857.4	1647.8	1395.5	1117.5	850.5	574.9
42.5°	3191.3	3003.1	2808.1	2607.5	2393.6	2182.1	1960.1	1723.5	1456.6	1150.1	851.7
40°	3657.2	3448.7	3226.2	2987.9	2750.4	2499.3	2260.0	2011.1	1751.4	1461.8	1125.5
37.5°	4135.0	3895.6	3653.6	3391.1	3120.5	2844.6	2565.1	2291.0	2013.6	1730.6	1404.9
35°	4631.6	4367.0	4087.0	3800.3	3495.4	3195.1	2887.2	2575.7	2272.2	1970.1	1658.8
32.5°	5132.8	4842.7	4529.0	4211.5	3881.6	3543.5	3209.8	2871.7	2525.1	2202.9	1876.9
30°	5638.0	5316.6	4974.9	4612.5	4253.0	3891.3	3523.9	3153.2	2782.0	2424.1	2086.1
27.5°	6134.1	5785.0	5413.2	5019.4	4608.2	4220.2	3825.3	3423.5	3023.9	2642.8	2280.0
25°	6623.5	6240.9	5828.6	5407.2	4975.9	4523.7	4104.2	3681.7	3261.2	2847.1	2455.3
22.5°	7110.8	6682.6	6229.3	5764.3	5312.0	4835.9	4367.7	3919.1	3480.4	3041.5	2626.8
20°	7577.6	7106.0	6617.0	6113.5	5612.7	5122.1	4618.3	4141.3	3678.0	3223.4	2786.1
17.5°	7989.9	7490.3	6976.1	6432.4	5897.6	5376.3	4855.0	4344.8	3856.8	3381.6	2930.5
15°	8370.6	7840.4	7293.6	6724.9	6156.6	5598.3	5059.7	4524.0	4017.1	3522.2	3058.6
12.5°	8716.3	8154.3	7581.1	6981.6	6385.4	5794.8	5233.7	4685.5	4157.3	3647.5	3166.6
10°	8998.8	8414.2	7818.7	7203.8	6582.8	5965.9	5378.0	4815.8	4270.2	3747.2	3256.6
7.5°	9228.1	8618.5	8000.1	7379.7	6739.8	6108.7	5498.2	4914.3	4358.3	3820.2	3327.4
5°	9407.1	8779.4	8138.9	7509.0	6853.2	6208.8	5588.1	4980.5	4420.2	3867.0	3378.3
2.5°	9529.9	8888.8	8225.2	7586.9	6926.8	6271.1	5655.0	5031.8	4464.2	3916.3	3422.9
0°	9604.3	8970.6	8289.9	7641.0	6993.7	6305.4	5700.4	5066.7	4483.0	3947.9	3446.0
-2.5°	9529.9	8888.8	8225.2	7586.9	6926.8	6271.1	5655.0	5031.8	4464.2	3916.3	3422.9
-5°	9407.1	8779.4	8138.9	7509.0	6853.2	6208.8	5588.1	4980.5	4420.2	3867.0	3378.3
-7.5°	9228.1	8618.5	8000.1	7379.7	6739.8	6108.7	5498.2	4914.3	4358.3	3820.2	3327.4
-10°	8998.8	8414.2	7818.7	7203.8	6582.8	5965.9	5378.0	4815.8	4270.2	3747.2	3256.6
-12.5°	8716.3	8154.3	7581.1	6981.6	6385.4	5794.8	5233.7	4685.5	4157.3	3647.5	3166.6
-15°	8370.6	7840.4	7293.6	6724.9	6156.6	5598.3	5059.7	4524.0	4017.1	3522.2	3058.6
-17.5°	7989.9	7490.3	6976.1	6432.4	5897.6	5376.3	4855.0	4344.8	3856.8	3381.6	2930.5
-20°	7577.6	7106.0	6617.0	6113.5	5612.7	5122.1	4618.3	4141.3	3678.0	3223.4	2786.1



REPORT NUMBER: P558859 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7110.8	6682.6	6229.3	5764.3	5312.0	4835.9	4367.7	3919.1	3480.4	3041.5	2626.8
-25°	6623.5	6240.9	5828.6	5407.2	4975.9	4523.7	4104.2	3681.7	3261.2	2847.1	2455.3
-27.5°	6134.1	5785.0	5413.2	5019.4	4608.2	4220.2	3825.3	3423.5	3023.9	2642.8	2280.0
-30°	5638.0	5316.6	4974.9	4612.5	4253.0	3891.3	3523.9	3153.2	2782.0	2424.1	2086.1
-32.5°	5132.8	4842.7	4529.0	4211.5	3881.6	3543.5	3209.8	2871.7	2525.1	2202.9	1876.9
-35°	4631.6	4367.0	4087.0	3800.3	3495.4	3195.1	2887.2	2575.7	2272.2	1970.1	1658.8
-37.5°	4135.0	3895.6	3653.6	3391.1	3120.5	2844.6	2565.1	2291.0	2013.6	1730.6	1404.9
-40°	3657.2	3448.7	3226.2	2987.9	2750.4	2499.3	2260.0	2011.1	1751.4	1461.8	1125.5
-42.5°	3191.3	3003.1	2808.1	2607.5	2393.6	2182.1	1960.1	1723.5	1456.6	1150.1	851.7
-45°	2752.2	2596.4	2422.5	2243.1	2056.2	1857.4	1647.8	1395.5	1117.5	850.5	574.9
-47.5°	2345.7	2200.9	2045.8	1880.9	1706.6	1512.8	1278.4	1032.5	801.3	569.2	467.9
-50°	1926.7	1794.3	1654.5	1501.5	1312.5	1107.4	907.1	707.4	544.3	451.2	376.8
-52.5°	1484.4	1357.2	1215.4	1059.6	901.2	732.8	566.7	496.2	415.1	365.1	328.0
-55°	1007.5	901.9	789.1	658.7	536.7	482.3	421.9	374.3	344.9	311.3	289.1
-57.5°	601.2	528.1	485.4	438.1	386.4	357.7	337.0	313.1	292.7	272.7	254.2
-60°	403.9	366.5	351.1	334.1	315.0	296.3	283.7	268.4	250.4	236.1	221.3
-62.5°	308.5	302.6	287.4	273.5	263.3	255.6	240.8	225.1	212.9	202.2	187.8
-65°	234.5	223.2	216.0	215.5	209.8	198.2	186.8	181.2	175.0	164.5	153.4
-67.5°	186.8	181.2	176.3	169.4	163.7	157.8	154.6	148.9	141.2	131.9	125.5
-70°	155.5	151.9	147.9	143.5	139.0	134.0	128.6	121.9	113.5	104.4	99.2
-72.5°	128.8	126.5	123.6	119.7	115.3	111.0	105.6	98.7	90.6	81.4	74.1
-75°	106.5	105.4	103.6	100.0	96.0	91.4	85.9	77.5	67.1	54.5	45.6
-77.5°	81.8	81.6	81.1	78.1	75.6	73.3	69.1	57.0	45.2	34.7	29.5
-80°	51.2	53.8	55.5	53.7	51.5	48.7	44.6	36.5	29.4	23.5	19.8
-82.5°	29.7	30.5	30.8	29.0	27.2	25.5	23.8	19.9	16.3	13.1	10.7
-85°	8.2	7.9	7.7	8.3	8.7	9.1	9.2	8.1	7.1	6.2	5.5
-87.5°	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.5	1.7	1.9	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: P558859 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-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°	2.0	1.9	1.8	1.7	1.8	1.9	1.9	1.9	1.7	1.5	1.4
85°	5.5	5.4	5.1	4.6	4.3	3.8	3.8	3.8	3.4	3.1	2.7
82.5°	10.7	10.8	10.9	10.7	10.6	10.2	9.6	8.5	6.6	4.8	4.0
80°	22.3	23.5	23.5	22.1	19.3	16.8	16.1	14.9	12.2	9.7	7.3
77.5°	34.0	37.2	39.2	38.5	34.3	30.2	26.3	22.2	17.8	14.5	11.4
75°	46.5	50.8	54.0	54.0	49.5	43.6	38.3	32.8	26.3	19.7	15.5
72.5°	70.4	68.7	69.2	69.6	65.8	60.0	52.3	43.3	35.8	28.1	20.4
70°	94.4	88.1	83.9	83.2	81.2	77.0	69.3	57.6	45.2	36.5	27.7
67.5°	119.7	113.4	105.3	98.3	95.7	92.0	86.1	72.4	57.8	44.8	35.0
65°	145.7	138.2	130.6	120.2	112.4	107.1	101.1	86.5	69.9	54.9	42.1
62.5°	174.0	161.8	152.1	140.9	130.2	122.1	115.7	99.9	81.8	64.7	49.8
60°	205.2	189.6	173.7	160.3	147.6	136.2	127.1	113.4	94.6	73.9	57.4
57.5°	236.8	217.7	197.9	180.2	165.3	151.0	137.9	124.7	107.4	85.1	64.3
55°	268.5	247.3	222.1	200.6	182.8	166.9	149.7	134.9	119.4	96.9	69.6
52.5°	299.2	275.0	248.2	221.4	199.6	181.7	162.7	145.1	128.8	108.6	77.5
50°	336.6	301.7	273.4	244.4	216.3	195.4	174.9	155.9	138.2	119.3	84.8
47.5°	380.0	335.7	298.4	266.8	236.5	208.8	187.1	166.1	147.5	127.7	91.2
45°	466.4	374.5	327.6	290.0	255.5	224.9	199.2	175.5	155.9	131.3	96.7
42.5°	565.3	446.7	362.0	312.8	276.0	241.1	210.9	186.0	163.7	133.7	99.7
40°	803.0	537.0	408.3	343.3	296.7	256.2	224.3	196.4	170.3	135.1	100.9
37.5°	1047.3	704.5	489.6	372.9	318.6	274.6	236.9	206.4	173.2	136.5	101.2
35°	1295.1	923.5	569.4	426.4	344.9	292.5	248.4	216.3	179.5	138.0	100.7
32.5°	1530.3	1135.0	752.3	497.1	370.2	309.8	262.0	226.2	187.6	139.4	99.3
30°	1732.1	1340.4	933.5	564.7	405.4	331.2	277.0	235.6	197.2	140.7	97.9
27.5°	1915.7	1532.3	1103.9	695.6	463.7	351.9	291.1	244.4	208.3	144.2	98.2
25°	2084.6	1695.9	1268.3	839.2	518.4	371.5	304.0	252.8	217.0	151.6	98.2
22.5°	2233.7	1841.6	1418.8	969.9	567.7	390.6	317.8	263.4	223.7	159.5	98.0
20°	2367.6	1974.0	1555.5	1090.7	648.8	431.5	332.7	272.9	229.7	167.6	97.5
17.5°	2488.0	2089.1	1670.4	1205.2	745.8	467.6	346.4	281.2	235.1	175.8	96.6
15°	2605.5	2186.8	1768.0	1306.5	831.2	498.9	358.6	288.2	239.9	183.8	96.1
12.5°	2704.3	2270.4	1850.3	1394.1	904.7	525.3	369.3	294.1	244.0	190.8	95.4
10°	2783.6	2339.4	1917.3	1467.3	965.7	546.9	378.5	298.6	247.2	196.7	93.5
7.5°	2843.4	2393.4	1968.9	1525.8	1014.0	564.7	384.3	301.1	249.7	201.3	90.5
5°	2886.5	2434.2	2006.6	1569.1	1048.9	579.2	388.0	302.5	251.6	204.6	86.7
2.5°	2922.2	2462.8	2030.1	1596.8	1070.2	589.1	389.8	302.6	252.8	206.3	82.2
0°	2939.7	2475.8	2039.1	1608.6	1077.9	594.3	389.6	301.7	253.2	206.2	77.3
-2.5°	2922.2	2462.8	2030.1	1596.8	1070.2	589.1	389.8	302.6	252.8	206.3	82.2
-5°	2886.5	2434.2	2006.6	1569.1	1048.9	579.2	388.0	302.5	251.6	204.6	86.7
-7.5°	2843.4	2393.4	1968.9	1525.8	1014.0	564.7	384.3	301.1	249.7	201.3	90.5
-10°	2783.6	2339.4	1917.3	1467.3	965.7	546.9	378.5	298.6	247.2	196.7	93.5
-12.5°	2704.3	2270.4	1850.3	1394.1	904.7	525.3	369.3	294.1	244.0	190.8	95.4
-15°	2605.5	2186.8	1768.0	1306.5	831.2	498.9	358.6	288.2	239.9	183.8	96.1
-17.5°	2488.0	2089.1	1670.4	1205.2	745.8	467.6	346.4	281.2	235.1	175.8	96.6
-20°	2367.6	1974.0	1555.5	1090.7	648.8	431.5	332.7	272.9	229.7	167.6	97.5



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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°	2233.7	1841.6	1418.8	969.9	567.7	390.6	317.8	263.4	223.7	159.5	98.0
-25°	2084.6	1695.9	1268.3	839.2	518.4	371.5	304.0	252.8	217.0	151.6	98.2
-27.5°	1915.7	1532.3	1103.9	695.6	463.7	351.9	291.1	244.4	208.3	144.2	98.2
-30°	1732.1	1340.4	933.5	564.7	405.4	331.2	277.0	235.6	197.2	140.7	97.9
-32.5°	1530.3	1135.0	752.3	497.1	370.2	309.8	262.0	226.2	187.6	139.4	99.3
-35°	1295.1	923.5	569.4	426.4	344.9	292.5	248.4	216.3	179.5	138.0	100.7
-37.5°	1047.3	704.5	489.6	372.9	318.6	274.6	236.9	206.4	173.2	136.5	101.2
-40°	803.0	537.0	408.3	343.3	296.7	256.2	224.3	196.4	170.3	135.1	100.9
-42.5°	565.3	446.7	362.0	312.8	276.0	241.1	210.9	186.0	163.7	133.7	99.7
-45°	466.4	374.5	327.6	290.0	255.5	224.9	199.2	175.5	155.9	131.3	96.7
-47.5°	380.0	335.7	298.4	266.8	236.5	208.8	187.1	166.1	147.5	127.7	91.2
-50°	336.6	301.7	273.4	244.4	216.3	195.4	174.9	155.9	138.2	119.3	84.8
-52.5°	299.2	275.0	248.2	221.4	199.6	181.7	162.7	145.1	128.8	108.6	77.5
-55°	268.5	247.3	222.1	200.6	182.8	166.9	149.7	134.9	119.4	96.9	69.6
-57.5°	236.8	217.7	197.9	180.2	165.3	151.0	137.9	124.7	107.4	85.1	64.3
-60°	205.2	189.6	173.7	160.3	147.6	136.2	127.1	113.4	94.6	73.9	57.4
-62.5°	174.0	161.8	152.1	140.9	130.2	122.1	115.7	99.9	81.8	64.7	49.8
-65°	145.7	138.2	130.6	120.2	112.4	107.1	101.1	86.5	69.9	54.9	42.1
-67.5°	119.7	113.4	105.3	98.3	95.7	92.0	86.1	72.4	57.8	44.8	35.0
-70°	94.4	88.1	83.9	83.2	81.2	77.0	69.3	57.6	45.2	36.5	27.7
-72.5°	70.4	68.7	69.2	69.6	65.8	60.0	52.3	43.3	35.8	28.1	20.4
-75°	46.5	50.8	54.0	54.0	49.5	43.6	38.3	32.8	26.3	19.7	15.5
-77.5°	34.0	37.2	39.2	38.5	34.3	30.2	26.3	22.2	17.8	14.5	11.4
-80°	22.3	23.5	23.5	22.1	19.3	16.8	16.1	14.9	12.2	9.7	7.3
-82.5°	10.7	10.8	10.9	10.7	10.6	10.2	9.6	8.5	6.6	4.8	4.0
-85°	5.5	5.4	5.1	4.6	4.3	3.8	3.8	3.8	3.4	3.1	2.7
-87.5°	2.0	1.9	1.8	1.7	1.8	1.9	1.9	1.9	1.7	1.5	1.4
-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°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
85°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
82.5°	3.5	2.9	2.3	1.8	1.2	0.6	0.0
80°	4.9	3.9	3.1	2.3	1.6	0.8	0.0
77.5°	8.3	5.4	3.9	2.9	1.9	1.0	0.0
75°	11.6	7.8	4.8	3.5	2.3	1.2	0.0
72.5°	14.9	10.1	6.4	4.0	2.7	1.4	0.0
70°	18.3	12.3	7.9	4.7	3.1	1.5	0.0
67.5°	23.9	14.5	9.4	5.6	3.4	1.7	0.0
65°	29.1	17.3	10.8	6.5	3.8	1.9	0.0
62.5°	34.0	20.8	12.1	7.3	4.2	2.1	0.0
60°	38.4	23.9	13.3	8.1	4.5	2.2	0.0
57.5°	42.9	26.8	15.2	8.8	4.9	2.4	0.0
55°	46.9	29.3	16.9	9.5	5.4	2.6	0.0
52.5°	50.3	31.6	18.4	10.1	5.8	2.7	0.0
50°	53.2	33.6	19.7	10.7	6.2	2.9	0.0
47.5°	55.8	35.3	20.8	11.2	6.6	3.0	0.0
45°	60.3	36.6	21.6	11.8	7.0	3.2	0.0
42.5°	64.1	37.4	22.2	12.3	7.4	3.3	0.0
40°	67.1	37.8	22.6	12.8	7.7	3.4	0.0
37.5°	69.3	37.8	22.8	13.5	8.1	3.6	0.0
35°	70.8	38.7	22.7	14.1	8.4	3.7	0.0
32.5°	71.1	39.7	22.4	14.6	8.7	3.8	0.0
30°	69.8	40.2	21.8	15.1	9.0	3.9	0.0
27.5°	67.9	40.2	22.4	15.6	9.2	4.0	0.0
25°	65.4	39.8	23.1	16.1	9.5	4.1	0.0
22.5°	62.5	39.8	23.7	16.5	9.7	4.2	0.0
20°	59.0	41.6	24.3	16.8	9.9	4.2	0.0
17.5°	58.4	43.3	24.9	17.1	10.0	4.3	0.0
15°	59.6	44.7	25.4	17.4	10.2	4.3	0.0
12.5°	60.6	45.8	25.8	17.7	10.3	4.4	0.0
10°	61.6	46.8	26.2	17.9	10.4	4.4	0.0
7.5°	62.3	47.6	26.6	18.0	10.5	4.5	0.0
5°	63.0	48.1	26.9	18.1	10.6	4.5	0.0
2.5°	63.4	48.4	27.1	18.2	10.6	4.5	0.0
0°	63.7	48.5	27.3	18.2	10.6	4.5	0.0
-2.5°	63.4	48.4	27.1	18.2	10.6	4.5	0.0
-5°	63.0	48.1	26.9	18.1	10.6	4.5	0.0
-7.5°	62.3	47.6	26.6	18.0	10.5	4.5	0.0
-10°	61.6	46.8	26.2	17.9	10.4	4.4	0.0
-12.5°	60.6	45.8	25.8	17.7	10.3	4.4	0.0
-15°	59.6	44.7	25.4	17.4	10.2	4.3	0.0
-17.5°	58.4	43.3	24.9	17.1	10.0	4.3	0.0
-20°	59.0	41.6	24.3	16.8	9.9	4.2	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	62.5	39.8	23.7	16.5	9.7	4.2	0.0
-25°	65.4	39.8	23.1	16.1	9.5	4.1	0.0
-27.5°	67.9	40.2	22.4	15.6	9.2	4.0	0.0
-30°	69.8	40.2	21.8	15.1	9.0	3.9	0.0
-32.5°	71.1	39.7	22.4	14.6	8.7	3.8	0.0
-35°	70.8	38.7	22.7	14.1	8.4	3.7	0.0
-37.5°	69.3	37.8	22.8	13.5	8.1	3.6	0.0
-40°	67.1	37.8	22.6	12.8	7.7	3.4	0.0
-42.5°	64.1	37.4	22.2	12.3	7.4	3.3	0.0
-45°	60.3	36.6	21.6	11.8	7.0	3.2	0.0
-47.5°	55.8	35.3	20.8	11.2	6.6	3.0	0.0
-50°	53.2	33.6	19.7	10.7	6.2	2.9	0.0
-52.5°	50.3	31.6	18.4	10.1	5.8	2.7	0.0
-55°	46.9	29.3	16.9	9.5	5.4	2.6	0.0
-57.5°	42.9	26.8	15.2	8.8	4.9	2.4	0.0
-60°	38.4	23.9	13.3	8.1	4.5	2.2	0.0
-62.5°	34.0	20.8	12.1	7.3	4.2	2.1	0.0
-65°	29.1	17.3	10.8	6.5	3.8	1.9	0.0
-67.5°	23.9	14.5	9.4	5.6	3.4	1.7	0.0
-70°	18.3	12.3	7.9	4.7	3.1	1.5	0.0
-72.5°	14.9	10.1	6.4	4.0	2.7	1.4	0.0
-75°	11.6	7.8	4.8	3.5	2.3	1.2	0.0
-77.5°	8.3	5.4	3.9	2.9	1.9	1.0	0.0
-80°	4.9	3.9	3.1	2.3	1.6	0.8	0.0
-82.5°	3.5	2.9	2.3	1.8	1.2	0.6	0.0
-85°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
-87.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)