

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: P558965 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-940-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558965 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA4D-940-U-MWR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (64) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

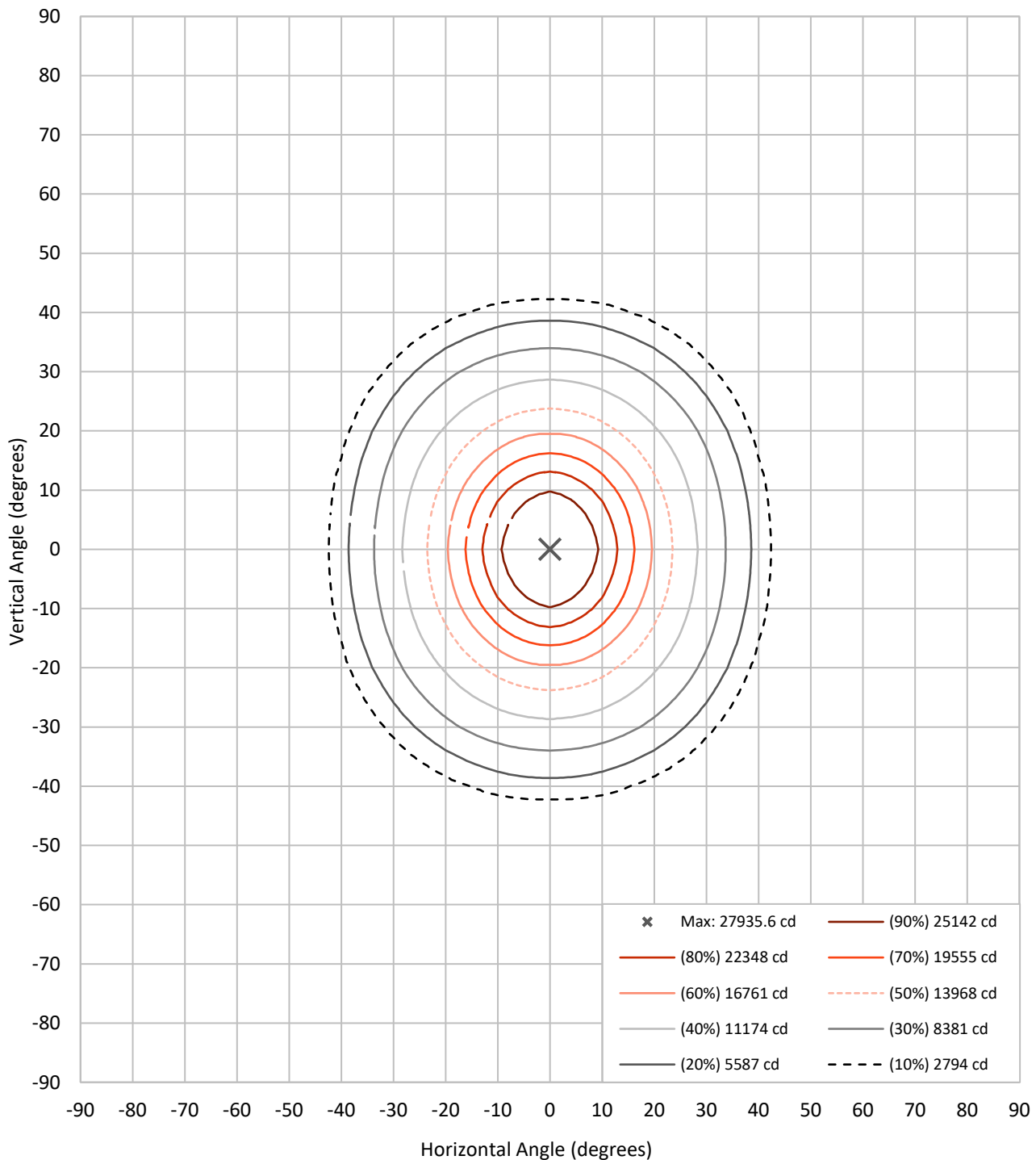
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	21746.3 lumens	Max Intensity:	27935.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	100.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	10261.4 lumens	Field Lumens:	19745.6 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 217
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: P558965 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





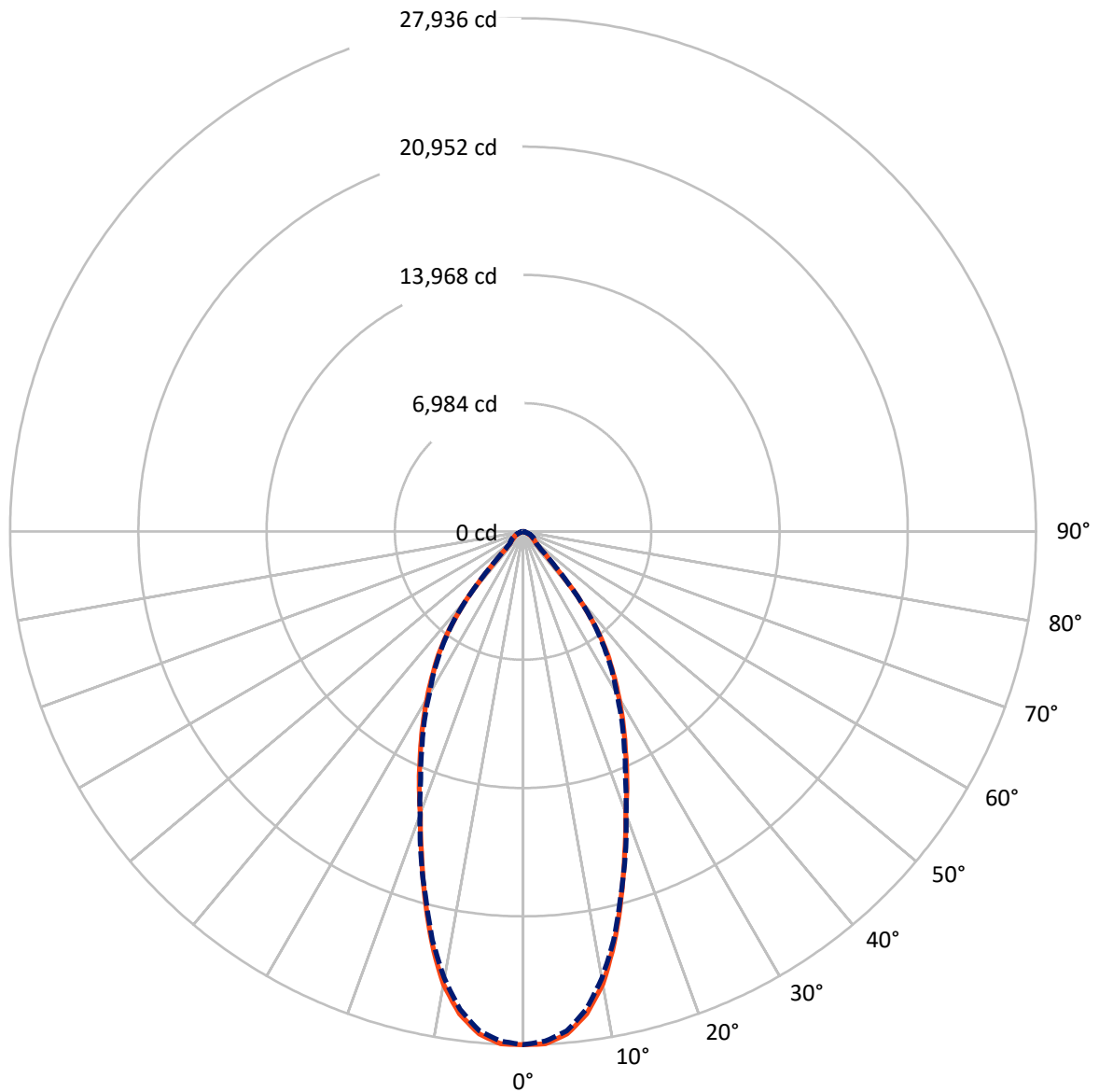
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Lumen Table

90																
80	0.4	2.7		6.0		9.8		7.6		9.8		6.0		2.7		0.4
70																
60	1.5	1.7	3.2	4.9	6.9	8.7	10.0	10.8	10.8	10.0	8.7	6.9	4.9	3.2	1.7	1.5
50		2.6	5.2	8.7	12.5	15.6	17.8	19.7	19.7	17.8	15.6	12.5	8.7	5.2	2.6	
40	2.3	3.5	7.3	12.2	17.8	24.4	38.6	54.1	54.1	38.6	24.4	17.8	12.2	7.3	3.5	2.3
30		4.2	9.1	15.3	28.7	41.7	57.4	62.4	57.4	41.7	28.7	15.3	9.1	4.2		
20	2.6	4.9	10.6	19.1	33.8	48.9	73.1	99.2	99.2	73.1	48.9	33.8	19.1	10.6	4.9	2.6
10		5.5	11.8	29.3	52.4	75.2	109.1	147.6	147.6	109.1	75.2	52.4	29.3	11.8	5.5	
0	2.7	5.9	12.8	40.4	85.6	125.6	181.5	251.1	251.1	181.5	125.6	85.6	40.4	12.8	5.9	2.7
-10		5.9	12.8	40.4	85.6	125.6	181.5	251.1	251.1	181.5	125.6	85.6	40.4	12.8	5.9	
-20	2.6	5.5	11.8	29.3	52.4	75.2	109.1	147.6	147.6	109.1	75.2	52.4	29.3	11.8	5.5	2.6
-30		4.9	10.6	19.1	33.8	48.9	73.1	99.2	99.2	73.1	48.9	33.8	19.1	10.6	4.9	
-40	2.3	4.2	9.1	15.3	28.7	41.7	57.4	62.4	57.4	41.7	28.7	15.3	9.1	4.2	2.3	
-50		3.5	7.3	12.2	17.8	24.4	38.6	54.1	54.1	38.6	24.4	17.8	12.2	7.3		3.5
-60	1.5	2.6	5.2	8.7	12.5	15.6	17.8	19.7	19.7	17.8	15.6	12.5	8.7	5.2	2.6	1.5
-70		1.7	3.2	4.9	6.9	8.7	10.0	10.8	10.8	10.0	8.7	6.9	4.9	3.2	1.7	
-80																
-90	0.4	2.7		6.0		9.8		7.6		9.8		6.0		2.7		0.4

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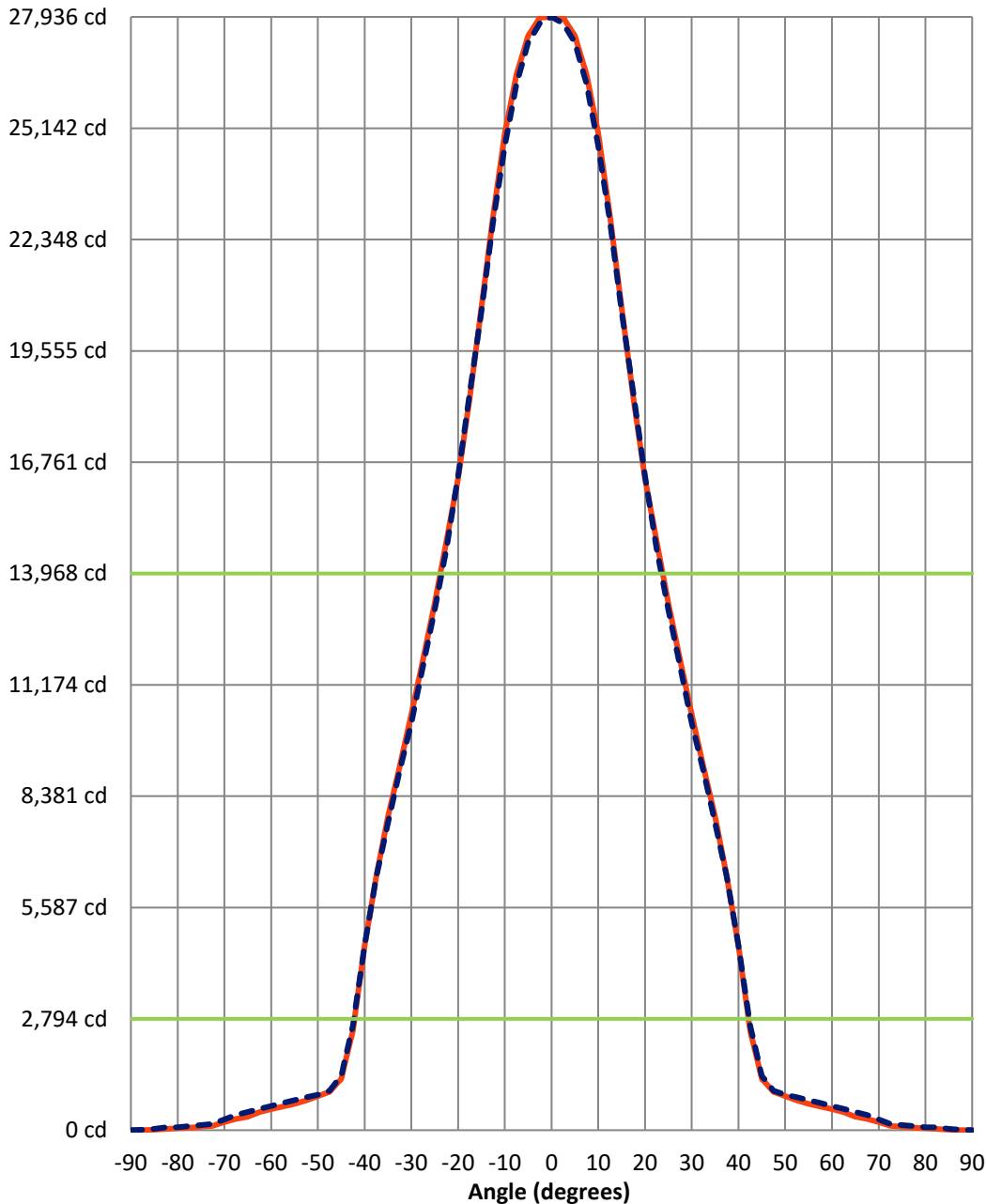
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 47°
V Angle: 47.6°
Lumens: 10261.4
Efficiency: 47.2%

Field:
H Angle: 84.6°
V Angle: 84.3°
Lumens: 19745.6
Efficiency: 90.8%

Spill:
Lumens: 2000.7
Efficiency: 9.2%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.5	0.9	1.5	2.2	3.0	3.8	4.3	4.7	5.0	5.3
85°	0.0	0.9	1.8	3.0	4.4	5.9	7.6	8.5	9.3	10.0	10.7
82.5°	0.0	1.4	2.7	4.5	6.5	8.8	11.3	12.8	14.4	17.2	19.4
80°	0.0	1.8	3.6	6.0	8.7	11.7	15.7	20.8	24.8	27.9	30.1
77.5°	0.0	2.3	4.5	7.4	10.8	16.0	24.6	30.7	35.3	38.7	41.8
75°	0.0	2.7	5.4	8.9	13.4	22.7	33.3	40.7	46.1	51.9	56.3
72.5°	0.0	3.2	6.3	10.3	18.3	29.4	41.8	51.3	59.5	66.0	70.9
70°	0.0	3.6	7.2	12.0	23.1	35.8	50.4	63.8	72.9	80.3	91.8
67.5°	0.0	4.0	8.0	15.3	27.8	42.1	60.3	76.3	86.5	98.4	113.6
65°	0.0	4.4	8.9	18.4	32.3	48.8	69.9	88.8	100.6	115.7	134.0
62.5°	0.0	4.8	9.7	21.5	36.7	55.9	79.0	100.1	114.2	132.4	152.9
60°	0.0	5.2	10.5	24.4	40.9	62.7	87.6	110.4	127.0	149.4	171.6
57.5°	0.0	5.6	12.3	27.2	45.6	69.1	93.6	119.5	141.3	166.0	187.8
55°	0.0	6.0	14.1	29.9	50.2	75.1	98.5	126.1	156.0	181.8	202.8
52.5°	0.0	6.4	15.9	32.5	54.4	80.3	102.8	135.2	170.3	195.1	217.5
50°	0.0	6.7	17.5	34.9	58.4	82.8	106.3	143.7	183.5	208.1	233.8
47.5°	0.0	7.1	19.1	37.2	62.0	84.9	109.5	151.1	194.8	220.8	249.7
45°	0.0	7.4	20.7	39.7	65.4	86.4	114.9	157.5	200.6	234.5	265.0
42.5°	0.0	7.7	22.1	42.0	68.4	87.4	119.4	162.0	205.0	247.6	280.6
40°	0.0	8.0	23.5	44.4	70.0	87.9	123.1	164.9	208.9	259.3	295.7
37.5°	0.0	8.3	24.8	46.9	70.2	87.9	125.9	167.0	213.2	265.0	310.2
35°	0.0	8.6	26.0	49.3	70.1	89.0	127.9	168.1	216.8	273.5	324.1
32.5°	0.0	8.9	27.1	51.6	69.7	90.4	129.0	168.4	219.8	283.8	336.8
30°	0.0	9.1	28.2	53.9	69.0	91.2	128.8	168.4	222.0	295.7	349.2
27.5°	0.0	9.3	29.1	56.1	69.8	91.5	128.1	169.5	226.3	309.2	361.4
25°	0.0	9.5	30.0	58.1	70.6	91.2	126.7	170.0	235.4	320.5	373.5
22.5°	0.0	9.7	30.8	60.1	71.3	91.4	124.6	169.8	244.9	329.8	388.2
20°	0.0	9.9	31.4	62.0	71.8	93.8	122.0	168.9	254.6	338.5	401.6
17.5°	0.0	10.0	32.0	63.7	72.3	95.9	122.2	167.3	264.1	346.5	413.6
15°	0.0	10.1	32.5	65.3	72.7	97.7	124.0	166.8	273.3	353.8	424.1
12.5°	0.0	10.3	32.9	66.7	72.9	99.3	125.4	167.5	279.6	360.3	433.1
10°	0.0	10.3	33.3	68.0	73.1	100.5	126.6	167.1	282.2	365.7	440.8
7.5°	0.0	10.4	33.5	69.1	73.3	101.5	127.4	165.8	282.4	371.0	447.2
5°	0.0	10.5	33.6	70.1	73.4	102.2	127.9	163.6	280.5	375.7	452.1
2.5°	0.0	10.5	33.6	70.8	73.4	102.7	128.0	160.7	276.5	379.5	455.4
0°	0.0	10.5	33.6	71.3	73.4	102.8	127.9	157.3	270.5	381.7	457.2
-2.5°	0.0	10.5	33.6	70.8	73.4	102.7	128.0	160.7	276.5	379.5	455.4
-5°	0.0	10.5	33.6	70.1	73.4	102.2	127.9	163.6	280.5	375.7	452.1
-7.5°	0.0	10.4	33.5	69.1	73.3	101.5	127.4	165.8	282.4	371.0	447.2
-10°	0.0	10.3	33.3	68.0	73.1	100.5	126.6	167.1	282.2	365.7	440.8
-12.5°	0.0	10.3	32.9	66.7	72.9	99.3	125.4	167.5	279.6	360.3	433.1
-15°	0.0	10.1	32.5	65.3	72.7	97.7	124.0	166.8	273.3	353.8	424.1
-17.5°	0.0	10.0	32.0	63.7	72.3	95.9	122.2	167.3	264.1	346.5	413.6
-20°	0.0	9.9	31.4	62.0	71.8	93.8	122.0	168.9	254.6	338.5	401.6



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 CATALOG NUMBER: GFLD-SA4D-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	9.7	30.8	60.1	71.3	91.4	124.6	169.8	244.9	329.8	388.2
-25°	0.0	9.5	30.0	58.1	70.6	91.2	126.7	170.0	235.4	320.5	373.5
-27.5°	0.0	9.3	29.1	56.1	69.8	91.5	128.1	169.5	226.3	309.2	361.4
-30°	0.0	9.1	28.2	53.9	69.0	91.2	128.8	168.4	222.0	295.7	349.2
-32.5°	0.0	8.9	27.1	51.6	69.7	90.4	129.0	168.4	219.8	283.8	336.8
-35°	0.0	8.6	26.0	49.3	70.1	89.0	127.9	168.1	216.8	273.5	324.1
-37.5°	0.0	8.3	24.8	46.9	70.2	87.9	125.9	167.0	213.2	265.0	310.2
-40°	0.0	8.0	23.5	44.4	70.0	87.9	123.1	164.9	208.9	259.3	295.7
-42.5°	0.0	7.7	22.1	42.0	68.4	87.4	119.4	162.0	205.0	247.6	280.6
-45°	0.0	7.4	20.7	39.7	65.4	86.4	114.9	157.5	200.6	234.5	265.0
-47.5°	0.0	7.1	19.1	37.2	62.0	84.9	109.5	151.1	194.8	220.8	249.7
-50°	0.0	6.7	17.5	34.9	58.4	82.8	106.3	143.7	183.5	208.1	233.8
-52.5°	0.0	6.4	15.9	32.5	54.4	80.3	102.8	135.2	170.3	195.1	217.5
-55°	0.0	6.0	14.1	29.9	50.2	75.1	98.5	126.1	156.0	181.8	202.8
-57.5°	0.0	5.6	12.3	27.2	45.6	69.1	93.6	119.5	141.3	166.0	187.8
-60°	0.0	5.2	10.5	24.4	40.9	62.7	87.6	110.4	127.0	149.4	171.6
-62.5°	0.0	4.8	9.7	21.5	36.7	55.9	79.0	100.1	114.2	132.4	152.9
-65°	0.0	4.4	8.9	18.4	32.3	48.8	69.9	88.8	100.6	115.7	134.0
-67.5°	0.0	4.0	8.0	15.3	27.8	42.1	60.3	76.3	86.5	98.4	113.6
-70°	0.0	3.6	7.2	12.0	23.1	35.8	50.4	63.8	72.9	80.3	91.8
-72.5°	0.0	3.2	6.3	10.3	18.3	29.4	41.8	51.3	59.5	66.0	70.9
-75°	0.0	2.7	5.4	8.9	13.4	22.7	33.3	40.7	46.1	51.9	56.3
-77.5°	0.0	2.3	4.5	7.4	10.8	16.0	24.6	30.7	35.3	38.7	41.8
-80°	0.0	1.8	3.6	6.0	8.7	11.7	15.7	20.8	24.8	27.9	30.1
-82.5°	0.0	1.4	2.7	4.5	6.5	8.8	11.3	12.8	14.4	17.2	19.4
-85°	0.0	0.9	1.8	3.0	4.4	5.9	7.6	8.5	9.3	10.0	10.7
-87.5°	0.0	0.5	0.9	1.5	2.2	3.0	3.8	4.3	4.7	5.0	5.3
-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°	5.3	5.3	5.1	4.8	4.5	4.1	3.6	3.0	3.1	3.2	3.3
85°	10.7	10.5	11.3	12.1	12.4	12.3	11.9	11.2	12.9	14.8	16.8
82.5°	21.3	23.1	24.9	26.6	26.6	26.0	25.1	24.1	27.7	32.3	37.1
80°	32.9	35.7	39.8	43.9	45.1	44.7	43.3	40.9	46.0	53.4	61.9
77.5°	47.0	52.6	58.4	64.1	65.6	64.4	61.6	57.3	63.7	75.8	89.2
75°	62.3	69.5	78.6	85.8	87.3	84.8	80.6	76.9	84.7	99.7	114.0
72.5°	81.4	93.2	102.2	108.5	109.0	106.7	104.6	102.7	111.4	129.2	143.9
70°	105.7	117.6	124.6	128.4	129.3	130.7	136.7	142.3	151.0	166.2	178.3
67.5°	129.8	139.2	145.6	150.2	159.2	167.7	175.9	184.4	194.2	207.1	216.2
65°	151.4	161.0	169.3	180.2	193.3	203.7	214.7	226.7	240.1	252.2	261.0
62.5°	172.6	182.9	194.6	209.0	224.3	238.2	254.4	271.0	286.9	300.7	315.7
60°	190.1	203.8	219.5	236.8	255.2	276.5	295.9	315.0	332.5	349.7	370.9
57.5°	206.6	225.4	244.5	265.3	289.4	315.2	338.1	359.0	381.0	405.9	426.6
55°	224.1	247.6	269.6	294.7	323.4	354.6	379.6	403.2	430.3	460.2	483.5
52.5°	242.9	268.9	294.7	324.8	359.5	390.5	416.7	446.1	479.0	511.4	538.5
50°	261.2	289.9	319.8	358.1	392.5	422.0	454.5	490.1	524.5	557.8	589.8
47.5°	279.6	310.2	350.1	389.1	421.4	456.0	493.9	530.5	566.6	601.4	634.8
45°	297.6	334.0	378.2	415.3	451.1	490.9	530.1	568.5	606.5	643.4	679.9
42.5°	315.0	357.3	401.8	440.6	481.9	523.5	564.5	605.1	645.2	684.7	723.6
40°	334.0	378.5	425.4	467.8	510.8	554.2	597.4	640.2	682.5	724.4	765.6
37.5°	351.5	400.5	449.3	493.7	538.1	583.5	628.7	674.1	718.6	762.3	809.3
35°	367.2	422.8	472.1	518.6	565.1	611.1	659.0	706.7	753.7	801.0	861.0
32.5°	384.8	445.2	493.5	542.6	590.7	638.2	687.8	738.3	788.3	843.6	929.9
30°	404.6	464.0	513.9	565.5	614.8	664.6	715.9	768.7	821.2	907.4	1106.3
27.5°	423.9	481.2	533.7	586.5	637.2	689.0	742.8	797.3	870.7	1003.0	1325.8
25°	441.8	497.7	552.3	605.8	658.1	711.7	767.4	824.1	923.7	1190.9	1904.1
22.5°	456.9	513.7	570.4	623.3	677.0	732.4	790.2	865.6	1019.4	1380.6	2547.4
20°	469.7	528.9	586.8	641.9	694.6	750.8	810.9	905.0	1164.8	1922.2	3318.5
17.5°	481.7	542.7	602.0	659.5	714.9	769.9	831.7	939.1	1295.6	2392.9	4093.7
15°	492.7	555.0	616.1	676.0	733.4	790.7	864.5	1035.9	1560.4	2860.1	4784.3
12.5°	502.5	565.9	628.9	691.4	750.0	809.3	893.9	1132.0	1884.7	3408.3	5255.6
10°	511.2	575.2	640.4	705.3	764.7	825.5	918.8	1211.0	2151.3	3859.2	5634.4
7.5°	519.2	584.2	651.1	717.6	777.3	839.5	939.1	1272.6	2357.2	4198.8	5936.6
5°	526.0	593.0	663.7	731.1	793.2	854.7	956.5	1316.9	2501.9	4427.6	6156.7
2.5°	531.2	600.4	674.6	743.1	810.7	873.1	976.4	1349.7	2595.3	4573.4	6297.5
0°	534.8	606.1	683.7	752.9	826.3	889.2	992.0	1365.3	2630.0	4626.6	6350.5
-2.5°	531.2	600.4	674.6	743.1	810.7	873.1	976.4	1349.7	2595.3	4573.4	6297.5
-5°	526.0	593.0	663.7	731.1	793.2	854.7	956.5	1316.9	2501.9	4427.6	6156.7
-7.5°	519.2	584.2	651.1	717.6	777.3	839.5	939.1	1272.6	2357.2	4198.8	5936.6
-10°	511.2	575.2	640.4	705.3	764.7	825.5	918.8	1211.0	2151.3	3859.2	5634.4
-12.5°	502.5	565.9	628.9	691.4	750.0	809.3	893.9	1132.0	1884.7	3408.3	5255.6
-15°	492.7	555.0	616.1	676.0	733.4	790.7	864.5	1035.9	1560.4	2860.1	4784.3
-17.5°	481.7	542.7	602.0	659.5	714.9	769.9	831.7	939.1	1295.6	2392.9	4093.7
-20°	469.7	528.9	586.8	641.9	694.6	750.8	810.9	905.0	1164.8	1922.2	3318.5



REPORT NUMBER: P558965 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	456.9	513.7	570.4	623.3	677.0	732.4	790.2	865.6	1019.4	1380.6	2547.4
-25°	441.8	497.7	552.3	605.8	658.1	711.7	767.4	824.1	923.7	1190.9	1904.1
-27.5°	423.9	481.2	533.7	586.5	637.2	689.0	742.8	797.3	870.7	1003.0	1325.8
-30°	404.6	464.0	513.9	565.5	614.8	664.6	715.9	768.7	821.2	907.4	1106.3
-32.5°	384.8	445.2	493.5	542.6	590.7	638.2	687.8	738.3	788.3	843.6	929.9
-35°	367.2	422.8	472.1	518.6	565.1	611.1	659.0	706.7	753.7	801.0	861.0
-37.5°	351.5	400.5	449.3	493.7	538.1	583.5	628.7	674.1	718.6	762.3	809.3
-40°	334.0	378.5	425.4	467.8	510.8	554.2	597.4	640.2	682.5	724.4	765.6
-42.5°	315.0	357.3	401.8	440.6	481.9	523.5	564.5	605.1	645.2	684.7	723.6
-45°	297.6	334.0	378.2	415.3	451.1	490.9	530.1	568.5	606.5	643.4	679.9
-47.5°	279.6	310.2	350.1	389.1	421.4	456.0	493.9	530.5	566.6	601.4	634.8
-50°	261.2	289.9	319.8	358.1	392.5	422.0	454.5	490.1	524.5	557.8	589.8
-52.5°	242.9	268.9	294.7	324.8	359.5	390.5	416.7	446.1	479.0	511.4	538.5
-55°	224.1	247.6	269.6	294.7	323.4	354.6	379.6	403.2	430.3	460.2	483.5
-57.5°	206.6	225.4	244.5	265.3	289.4	315.2	338.1	359.0	381.0	405.9	426.6
-60°	190.1	203.8	219.5	236.8	255.2	276.5	295.9	315.0	332.5	349.7	370.9
-62.5°	172.6	182.9	194.6	209.0	224.3	238.2	254.4	271.0	286.9	300.7	315.7
-65°	151.4	161.0	169.3	180.2	193.3	203.7	214.7	226.7	240.1	252.2	261.0
-67.5°	129.8	139.2	145.6	150.2	159.2	167.7	175.9	184.4	194.2	207.1	216.2
-70°	105.7	117.6	124.6	128.4	129.3	130.7	136.7	142.3	151.0	166.2	178.3
-72.5°	81.4	93.2	102.2	108.5	109.0	106.7	104.6	102.7	111.4	129.2	143.9
-75°	62.3	69.5	78.6	85.8	87.3	84.8	80.6	76.9	84.7	99.7	114.0
-77.5°	47.0	52.6	58.4	64.1	65.6	64.4	61.6	57.3	63.7	75.8	89.2
-80°	32.9	35.7	39.8	43.9	45.1	44.7	43.3	40.9	46.0	53.4	61.9
-82.5°	21.3	23.1	24.9	26.6	26.6	26.0	25.1	24.1	27.7	32.3	37.1
-85°	10.7	10.5	11.3	12.1	12.4	12.3	11.9	11.2	12.9	14.8	16.8
-87.5°	5.3	5.3	5.1	4.8	4.5	4.1	3.6	3.0	3.1	3.2	3.3
-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: P558965 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-940-U-MWR-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°	3.4	3.5	3.6	3.7	3.8	3.9	3.9	4.0	4.1	3.6	3.1
85°	18.9	18.3	17.3	16.0	14.5	15.3	16.2	17.0	17.9	16.7	15.4
82.5°	42.3	42.9	42.8	42.7	42.5	44.3	46.1	47.6	49.0	45.2	40.9
80°	71.3	74.7	76.7	78.5	80.1	80.1	79.0	77.1	74.5	68.1	61.1
77.5°	103.0	108.4	111.0	113.7	116.5	117.4	118.0	118.8	119.5	108.4	94.3
75°	127.8	135.7	140.3	144.6	148.5	150.8	152.1	152.9	153.2	139.9	122.7
72.5°	155.8	163.7	169.2	174.5	179.4	182.6	184.5	185.9	186.8	175.2	158.7
70°	186.8	192.9	199.5	206.1	212.2	216.3	219.0	221.2	222.8	221.7	220.9
67.5°	223.4	228.9	236.9	243.2	249.5	254.0	258.7	262.4	265.2	268.3	271.8
65°	269.4	282.3	294.1	300.0	300.9	307.3	318.0	324.8	328.2	331.0	334.5
62.5°	333.2	349.0	357.3	367.3	380.3	392.3	396.9	403.1	410.5	419.4	429.7
60°	387.9	401.0	414.4	428.2	440.1	450.0	460.8	471.6	481.4	490.3	499.0
57.5°	443.9	458.1	471.8	488.0	499.4	506.1	516.6	529.4	539.4	547.2	558.9
55°	501.9	520.3	538.9	553.5	564.2	571.3	579.2	591.7	599.0	601.9	615.4
52.5°	560.3	582.0	605.0	622.1	633.4	644.0	653.8	664.7	672.2	675.8	689.1
50°	614.3	640.2	665.8	688.1	703.2	720.8	740.7	750.5	756.9	763.9	778.8
47.5°	665.7	694.7	722.0	747.3	769.1	788.8	805.9	822.5	846.8	866.1	885.2
45°	715.2	746.0	775.7	804.0	828.4	867.0	903.8	935.1	1018.8	1089.2	1142.8
42.5°	761.6	799.0	832.4	879.6	931.0	1020.3	1158.0	1285.6	1532.5	1850.4	2115.8
40°	810.2	858.6	918.3	1010.4	1184.5	1363.6	1898.8	2375.7	2844.8	3378.3	3835.4
37.5°	866.8	939.7	1114.9	1322.9	1881.3	2498.9	3257.4	4001.9	4650.3	5205.0	5668.2
35°	941.8	1167.0	1494.5	2252.3	3077.2	4089.8	4964.0	5664.2	6304.7	6818.7	7205.6
32.5°	1162.8	1574.9	2439.9	3482.2	4616.8	5595.1	6446.5	7117.0	7701.2	8161.9	8520.6
30°	1486.3	2433.6	3608.4	4856.6	5986.7	6920.8	7707.5	8346.6	8868.2	9336.9	9730.5
27.5°	2255.1	3474.1	4855.0	6128.1	7156.0	8030.5	8736.3	9369.4	9944.3	10437.9	10903.2
25°	3096.5	4605.5	5998.2	7157.0	8116.3	8936.7	9681.1	10373.6	11017.3	11595.0	12136.2
22.5°	4106.9	5611.8	6942.9	8015.4	8945.0	9787.8	10578.5	11349.1	12098.4	12803.4	13458.2
20°	5021.7	6498.7	7659.4	8730.5	9696.3	10574.6	11445.9	12344.1	13208.8	14058.0	14846.5
17.5°	5734.6	7108.7	8273.9	9359.6	10342.7	11337.3	12334.6	13366.2	14409.2	15395.4	16338.5
15°	6329.9	7617.5	8798.3	9883.9	10964.8	12062.2	13176.3	14391.6	15632.3	16812.6	18014.9
12.5°	6751.9	8042.1	9239.2	10328.5	11540.4	12731.6	14028.5	15413.6	16846.4	18221.3	19698.1
10°	7091.2	8380.8	9567.9	10742.4	12024.9	13345.7	14800.3	16325.9	18035.7	19663.7	21254.9
7.5°	7382.3	8663.4	9832.0	11079.8	12428.0	13879.9	15461.8	17186.6	19037.0	20848.6	22742.5
5°	7595.3	8856.0	10037.2	11356.5	12738.0	14270.1	15972.0	17815.1	19799.5	21784.4	23657.4
2.5°	7708.0	8965.9	10164.7	11528.2	12919.8	14506.5	16279.1	18232.6	20328.6	22494.5	24341.2
0°	7705.4	9012.0	10213.7	11644.0	13053.4	14578.1	16411.1	18500.0	20544.8	22795.2	24691.1
-2.5°	7708.0	8965.9	10164.7	11528.2	12919.8	14506.5	16279.1	18232.6	20328.6	22494.5	24341.2
-5°	7595.3	8856.0	10037.2	11356.5	12738.0	14270.1	15972.0	17815.1	19799.5	21784.4	23657.4
-7.5°	7382.3	8663.4	9832.0	11079.8	12428.0	13879.9	15461.8	17186.6	19037.0	20848.6	22742.5
-10°	7091.2	8380.8	9567.9	10742.4	12024.9	13345.7	14800.3	16325.9	18035.7	19663.7	21254.9
-12.5°	6751.9	8042.1	9239.2	10328.5	11540.4	12731.6	14028.5	15413.6	16846.4	18221.3	19698.1
-15°	6329.9	7617.5	8798.3	9883.9	10964.8	12062.2	13176.3	14391.6	15632.3	16812.6	18014.9
-17.5°	5734.6	7108.7	8273.9	9359.6	10342.7	11337.3	12334.6	13366.2	14409.2	15395.4	16338.5
-20°	5021.7	6498.7	7659.4	8730.5	9696.3	10574.6	11445.9	12344.1	13208.8	14058.0	14846.5



REPORT NUMBER: P558965 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4106.9	5611.8	6942.9	8015.4	8945.0	9787.8	10578.5	11349.1	12098.4	12803.4	13458.2
-25°	3096.5	4605.5	5998.2	7157.0	8116.3	8936.7	9681.1	10373.6	11017.3	11595.0	12136.2
-27.5°	2255.1	3474.1	4855.0	6128.1	7156.0	8030.5	8736.3	9369.4	9944.3	10437.9	10903.2
-30°	1486.3	2433.6	3608.4	4856.6	5986.7	6920.8	7707.5	8346.6	8868.2	9336.9	9730.5
-32.5°	1162.8	1574.9	2439.9	3482.2	4616.8	5595.1	6446.5	7117.0	7701.2	8161.9	8520.6
-35°	941.8	1167.0	1494.5	2252.3	3077.2	4089.8	4964.0	5664.2	6304.7	6818.7	7205.6
-37.5°	866.8	939.7	1114.9	1322.9	1881.3	2498.9	3257.4	4001.9	4650.3	5205.0	5668.2
-40°	810.2	858.6	918.3	1010.4	1184.5	1363.6	1898.8	2375.7	2844.8	3378.3	3835.4
-42.5°	761.6	799.0	832.4	879.6	931.0	1020.3	1158.0	1285.6	1532.5	1850.4	2115.8
-45°	715.2	746.0	775.7	804.0	828.4	867.0	903.8	935.1	1018.8	1089.2	1142.8
-47.5°	665.7	694.7	722.0	747.3	769.1	788.8	805.9	822.5	846.8	866.1	885.2
-50°	614.3	640.2	665.8	688.1	703.2	720.8	740.7	750.5	756.9	763.9	778.8
-52.5°	560.3	582.0	605.0	622.1	633.4	644.0	653.8	664.7	672.2	675.8	689.1
-55°	501.9	520.3	538.9	553.5	564.2	571.3	579.2	591.7	599.0	601.9	615.4
-57.5°	443.9	458.1	471.8	488.0	499.4	506.1	516.6	529.4	539.4	547.2	558.9
-60°	387.9	401.0	414.4	428.2	440.1	450.0	460.8	471.6	481.4	490.3	499.0
-62.5°	333.2	349.0	357.3	367.3	380.3	392.3	396.9	403.1	410.5	419.4	429.7
-65°	269.4	282.3	294.1	300.0	300.9	307.3	318.0	324.8	328.2	331.0	334.5
-67.5°	223.4	228.9	236.9	243.2	249.5	254.0	258.7	262.4	265.2	268.3	271.8
-70°	186.8	192.9	199.5	206.1	212.2	216.3	219.0	221.2	222.8	221.7	220.9
-72.5°	155.8	163.7	169.2	174.5	179.4	182.6	184.5	185.9	186.8	175.2	158.7
-75°	127.8	135.7	140.3	144.6	148.5	150.8	152.1	152.9	153.2	139.9	122.7
-77.5°	103.0	108.4	111.0	113.7	116.5	117.4	118.0	118.8	119.5	108.4	94.3
-80°	71.3	74.7	76.7	78.5	80.1	80.1	79.0	77.1	74.5	68.1	61.1
-82.5°	42.3	42.9	42.8	42.7	42.5	44.3	46.1	47.6	49.0	45.2	40.9
-85°	18.9	18.3	17.3	16.0	14.5	15.3	16.2	17.0	17.9	16.7	15.4
-87.5°	3.4	3.5	3.6	3.7	3.8	3.9	3.9	4.0	4.1	3.6	3.1
-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: P558965 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-940-U-MWR-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°	2.6	2.1	2.1	2.1	2.1	2.1	2.6	3.1	3.6	4.1	4.0
85°	14.0	12.5	12.6	12.6	12.6	12.5	14.0	15.4	16.7	17.9	17.0
82.5°	36.3	31.4	31.4	31.5	31.4	31.4	36.3	40.9	45.2	49.0	47.6
80°	53.7	46.1	47.1	48.2	47.1	46.1	53.7	61.1	68.1	74.5	77.1
77.5°	79.2	63.4	62.8	62.9	62.8	63.4	79.2	94.3	108.4	119.5	118.8
75°	104.9	86.7	85.9	86.0	85.9	86.7	104.9	122.7	139.9	153.2	152.9
72.5°	141.8	124.4	116.5	109.1	116.5	124.4	141.8	158.7	175.2	186.8	185.9
70°	221.1	221.5	213.8	203.4	213.8	221.5	221.1	220.9	221.7	222.8	221.2
67.5°	274.7	276.9	280.2	283.1	280.2	276.9	274.7	271.8	268.3	265.2	262.4
65°	336.0	335.9	337.1	337.7	337.1	335.9	336.0	334.5	331.0	328.2	324.8
62.5°	438.5	445.5	450.5	453.0	450.5	445.5	438.5	429.7	419.4	410.5	403.1
60°	506.3	512.2	520.4	528.5	520.4	512.2	506.3	499.0	490.3	481.4	471.6
57.5°	569.8	579.6	587.6	593.5	587.6	579.6	569.8	558.9	547.2	539.4	529.4
55°	628.4	639.8	650.7	660.6	650.7	639.8	628.4	615.4	601.9	599.0	591.7
52.5°	701.9	711.3	726.9	746.6	726.9	711.3	701.9	689.1	675.8	672.2	664.7
50°	795.9	810.1	829.8	853.6	829.8	810.1	795.9	778.8	763.9	756.9	750.5
47.5°	904.5	918.8	937.7	962.6	937.7	918.8	904.5	885.2	866.1	846.8	822.5
45°	1191.9	1225.4	1256.1	1289.8	1256.1	1225.4	1191.9	1142.8	1089.2	1018.8	935.1
42.5°	2328.6	2475.6	2539.1	2502.0	2539.1	2475.6	2328.6	2115.8	1850.4	1532.5	1285.6
40°	4183.9	4428.4	4572.4	4622.4	4572.4	4428.4	4183.9	3835.4	3378.3	2844.8	2375.7
37.5°	6006.5	6231.5	6352.9	6367.3	6352.9	6231.5	6006.5	5668.2	5205.0	4650.3	4001.9
35°	7484.9	7670.3	7780.2	7862.7	7780.2	7670.3	7484.9	7205.6	6818.7	6304.7	5664.2
32.5°	8812.7	9023.9	9146.1	9118.9	9146.1	9023.9	8812.7	8520.6	8161.9	7701.2	7117.0
30°	10053.1	10284.2	10427.6	10431.8	10427.6	10284.2	10053.1	9730.5	9336.9	8868.2	8346.6
27.5°	11279.3	11538.7	11688.3	11805.5	11688.3	11538.7	11279.3	10903.2	10437.9	9944.3	9369.4
25°	12587.5	12910.8	13102.8	13219.1	13102.8	12910.8	12587.5	12136.2	11595.0	11017.3	10373.6
22.5°	13998.0	14398.6	14661.7	14771.1	14661.7	14398.6	13998.0	13458.2	12803.4	12098.4	11349.1
20°	15532.3	16028.6	16364.6	16354.5	16364.6	16028.6	15532.3	14846.5	14058.0	13208.8	12344.1
17.5°	17244.3	17884.5	18317.7	18380.5	18317.7	17884.5	17244.3	16338.5	15395.4	14409.2	13366.2
15°	19079.7	19905.1	20465.5	20639.2	20465.5	19905.1	19079.7	18014.9	16812.6	15632.3	14391.6
12.5°	20960.5	21942.3	22689.4	22937.8	22689.4	21942.3	20960.5	19698.1	18221.3	16846.4	15413.6
10°	22752.6	23840.1	24651.0	25009.9	24651.0	23840.1	22752.6	21254.9	19663.7	18035.7	16325.9
7.5°	24250.7	25355.6	26190.9	26486.4	26190.9	25355.6	24250.7	22742.5	20848.6	19037.0	17186.6
5°	25237.7	26444.8	27094.3	27459.5	27094.3	26444.8	25237.7	23657.4	21784.4	19799.5	17815.1
2.5°	25897.0	26920.7	27578.5	27914.6	27578.5	26920.7	25897.0	24341.2	22494.5	20328.6	18232.6
0°	26247.3	27289.7	27772.0	27935.6	27772.0	27289.7	26247.3	24691.1	22795.2	20544.8	18500.0
-2.5°	25897.0	26920.7	27578.5	27914.6	27578.5	26920.7	25897.0	24341.2	22494.5	20328.6	18232.6
-5°	25237.7	26444.8	27094.3	27459.5	27094.3	26444.8	25237.7	23657.4	21784.4	19799.5	17815.1
-7.5°	24250.7	25355.6	26190.9	26486.4	26190.9	25355.6	24250.7	22742.5	20848.6	19037.0	17186.6
-10°	22752.6	23840.1	24651.0	25009.9	24651.0	23840.1	22752.6	21254.9	19663.7	18035.7	16325.9
-12.5°	20960.5	21942.3	22689.4	22937.8	22689.4	21942.3	20960.5	19698.1	18221.3	16846.4	15413.6
-15°	19079.7	19905.1	20465.5	20639.2	20465.5	19905.1	19079.7	18014.9	16812.6	15632.3	14391.6
-17.5°	17244.3	17884.5	18317.7	18380.5	18317.7	17884.5	17244.3	16338.5	15395.4	14409.2	13366.2
-20°	15532.3	16028.6	16364.6	16354.5	16364.6	16028.6	15532.3	14846.5	14058.0	13208.8	12344.1



REPORT NUMBER: P558965 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13998.0	14398.6	14661.7	14771.1	14661.7	14398.6	13998.0	13458.2	12803.4	12098.4	11349.1
-25°	12587.5	12910.8	13102.8	13219.1	13102.8	12910.8	12587.5	12136.2	11595.0	11017.3	10373.6
-27.5°	11279.3	11538.7	11688.3	11805.5	11688.3	11538.7	11279.3	10903.2	10437.9	9944.3	9369.4
-30°	10053.1	10284.2	10427.6	10431.8	10427.6	10284.2	10053.1	9730.5	9336.9	8868.2	8346.6
-32.5°	8812.7	9023.9	9146.1	9118.9	9146.1	9023.9	8812.7	8520.6	8161.9	7701.2	7117.0
-35°	7484.9	7670.3	7780.2	7862.7	7780.2	7670.3	7484.9	7205.6	6818.7	6304.7	5664.2
-37.5°	6006.5	6231.5	6352.9	6367.3	6352.9	6231.5	6006.5	5668.2	5205.0	4650.3	4001.9
-40°	4183.9	4428.4	4572.4	4622.4	4572.4	4428.4	4183.9	3835.4	3378.3	2844.8	2375.7
-42.5°	2328.6	2475.6	2539.1	2502.0	2539.1	2475.6	2328.6	2115.8	1850.4	1532.5	1285.6
-45°	1191.9	1225.4	1256.1	1289.8	1256.1	1225.4	1191.9	1142.8	1089.2	1018.8	935.1
-47.5°	904.5	918.8	937.7	962.6	937.7	918.8	904.5	885.2	866.1	846.8	822.5
-50°	795.9	810.1	829.8	853.6	829.8	810.1	795.9	778.8	763.9	756.9	750.5
-52.5°	701.9	711.3	726.9	746.6	726.9	711.3	701.9	689.1	675.8	672.2	664.7
-55°	628.4	639.8	650.7	660.6	650.7	639.8	628.4	615.4	601.9	599.0	591.7
-57.5°	569.8	579.6	587.6	593.5	587.6	579.6	569.8	558.9	547.2	539.4	529.4
-60°	506.3	512.2	520.4	528.5	520.4	512.2	506.3	499.0	490.3	481.4	471.6
-62.5°	438.5	445.5	450.5	453.0	450.5	445.5	438.5	429.7	419.4	410.5	403.1
-65°	336.0	335.9	337.1	337.7	337.1	335.9	336.0	334.5	331.0	328.2	324.8
-67.5°	274.7	276.9	280.2	283.1	280.2	276.9	274.7	271.8	268.3	265.2	262.4
-70°	221.1	221.5	213.8	203.4	213.8	221.5	221.1	220.9	221.7	222.8	221.2
-72.5°	141.8	124.4	116.5	109.1	116.5	124.4	141.8	158.7	175.2	186.8	185.9
-75°	104.9	86.7	85.9	86.0	85.9	86.7	104.9	122.7	139.9	153.2	152.9
-77.5°	79.2	63.4	62.8	62.9	62.8	63.4	79.2	94.3	108.4	119.5	118.8
-80°	53.7	46.1	47.1	48.2	47.1	46.1	53.7	61.1	68.1	74.5	77.1
-82.5°	36.3	31.4	31.4	31.5	31.4	31.4	36.3	40.9	45.2	49.0	47.6
-85°	14.0	12.5	12.6	12.6	12.6	12.5	14.0	15.4	16.7	17.9	17.0
-87.5°	2.6	2.1	2.1	2.1	2.1	2.1	2.6	3.1	3.6	4.1	4.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558965 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-940-U-MWR-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°	3.9	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0
85°	16.2	15.3	14.5	16.0	17.3	18.3	18.9	16.8	14.8	12.9	11.2
82.5°	46.1	44.3	42.5	42.7	42.8	42.9	42.3	37.1	32.3	27.7	24.1
80°	79.0	80.1	80.1	78.5	76.7	74.7	71.3	61.9	53.4	46.0	40.9
77.5°	118.0	117.4	116.5	113.7	111.0	108.4	103.0	89.2	75.8	63.7	57.3
75°	152.1	150.8	148.5	144.6	140.3	135.7	127.8	114.0	99.7	84.7	76.9
72.5°	184.5	182.6	179.4	174.5	169.2	163.7	155.8	143.9	129.2	111.4	102.7
70°	219.0	216.3	212.2	206.1	199.5	192.9	186.8	178.3	166.2	151.0	142.3
67.5°	258.7	254.0	249.5	243.2	236.9	228.9	223.4	216.2	207.1	194.2	184.4
65°	318.0	307.3	300.9	300.0	294.1	282.3	269.4	261.0	252.2	240.1	226.7
62.5°	396.9	392.3	380.3	367.3	357.3	349.0	333.2	315.7	300.7	286.9	271.0
60°	460.8	450.0	440.1	428.2	414.4	401.0	387.9	370.9	349.7	332.5	315.0
57.5°	516.6	506.1	499.4	488.0	471.8	458.1	443.9	426.6	405.9	381.0	359.0
55°	579.2	571.3	564.2	553.5	538.9	520.3	501.9	483.5	460.2	430.3	403.2
52.5°	653.8	644.0	633.4	622.1	605.0	582.0	560.3	538.5	511.4	479.0	446.1
50°	740.7	720.8	703.2	688.1	665.8	640.2	614.3	589.8	557.8	524.5	490.1
47.5°	805.9	788.8	769.1	747.3	722.0	694.7	665.7	634.8	601.4	566.6	530.5
45°	903.8	867.0	828.4	804.0	775.7	746.0	715.2	679.9	643.4	606.5	568.5
42.5°	1158.0	1020.3	931.0	879.6	832.4	799.0	761.6	723.6	684.7	645.2	605.1
40°	1898.8	1363.6	1184.5	1010.4	918.3	858.6	810.2	765.6	724.4	682.5	640.2
37.5°	3257.4	2498.9	1881.3	1322.9	1114.9	939.7	866.8	809.3	762.3	718.6	674.1
35°	4964.0	4089.8	3077.2	2252.3	1494.5	1167.0	941.8	861.0	801.0	753.7	706.7
32.5°	6446.5	5595.1	4616.8	3482.2	2439.9	1574.9	1162.8	929.9	843.6	788.3	738.3
30°	7707.5	6920.8	5986.7	4856.6	3608.4	2433.6	1486.3	1106.3	907.4	821.2	768.7
27.5°	8736.3	8030.5	7156.0	6128.1	4855.0	3474.1	2255.1	1325.8	1003.0	870.7	797.3
25°	9681.1	8936.7	8116.3	7157.0	5998.2	4605.5	3096.5	1904.1	1190.9	923.7	824.1
22.5°	10578.5	9787.8	8945.0	8015.4	6942.9	5611.8	4106.9	2547.4	1380.6	1019.4	865.6
20°	11445.9	10574.6	9696.3	8730.5	7659.4	6498.7	5021.7	3318.5	1922.2	1164.8	905.0
17.5°	12334.6	11337.3	10342.7	9359.6	8273.9	7108.7	5734.6	4093.7	2392.9	1295.6	939.1
15°	13176.3	12062.2	10964.8	9883.9	8798.3	7617.5	6329.9	4784.3	2860.1	1560.4	1035.9
12.5°	14028.5	12731.6	11540.4	10328.5	9239.2	8042.1	6751.9	5255.6	3408.3	1884.7	1132.0
10°	14800.3	13345.7	12024.9	10742.4	9567.9	8380.8	7091.2	5634.4	3859.2	2151.3	1211.0
7.5°	15461.8	13879.9	12428.0	11079.8	9832.0	8663.4	7382.3	5936.6	4198.8	2357.2	1272.6
5°	15972.0	14270.1	12738.0	11356.5	10037.2	8856.0	7595.3	6156.7	4427.6	2501.9	1316.9
2.5°	16279.1	14506.5	12919.8	11528.2	10164.7	8965.9	7708.0	6297.5	4573.4	2595.3	1349.7
0°	16411.1	14578.1	13053.4	11644.0	10213.7	9012.0	7705.4	6350.5	4626.6	2630.0	1365.3
-2.5°	16279.1	14506.5	12919.8	11528.2	10164.7	8965.9	7708.0	6297.5	4573.4	2595.3	1349.7
-5°	15972.0	14270.1	12738.0	11356.5	10037.2	8856.0	7595.3	6156.7	4427.6	2501.9	1316.9
-7.5°	15461.8	13879.9	12428.0	11079.8	9832.0	8663.4	7382.3	5936.6	4198.8	2357.2	1272.6
-10°	14800.3	13345.7	12024.9	10742.4	9567.9	8380.8	7091.2	5634.4	3859.2	2151.3	1211.0
-12.5°	14028.5	12731.6	11540.4	10328.5	9239.2	8042.1	6751.9	5255.6	3408.3	1884.7	1132.0
-15°	13176.3	12062.2	10964.8	9883.9	8798.3	7617.5	6329.9	4784.3	2860.1	1560.4	1035.9
-17.5°	12334.6	11337.3	10342.7	9359.6	8273.9	7108.7	5734.6	4093.7	2392.9	1295.6	939.1
-20°	11445.9	10574.6	9696.3	8730.5	7659.4	6498.7	5021.7	3318.5	1922.2	1164.8	905.0



REPORT NUMBER: P558965 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	10578.5	9787.8	8945.0	8015.4	6942.9	5611.8	4106.9	2547.4	1380.6	1019.4	865.6
-25°	9681.1	8936.7	8116.3	7157.0	5998.2	4605.5	3096.5	1904.1	1190.9	923.7	824.1
-27.5°	8736.3	8030.5	7156.0	6128.1	4855.0	3474.1	2255.1	1325.8	1003.0	870.7	797.3
-30°	7707.5	6920.8	5986.7	4856.6	3608.4	2433.6	1486.3	1106.3	907.4	821.2	768.7
-32.5°	6446.5	5595.1	4616.8	3482.2	2439.9	1574.9	1162.8	929.9	843.6	788.3	738.3
-35°	4964.0	4089.8	3077.2	2252.3	1494.5	1167.0	941.8	861.0	801.0	753.7	706.7
-37.5°	3257.4	2498.9	1881.3	1322.9	1114.9	939.7	866.8	809.3	762.3	718.6	674.1
-40°	1898.8	1363.6	1184.5	1010.4	918.3	858.6	810.2	765.6	724.4	682.5	640.2
-42.5°	1158.0	1020.3	931.0	879.6	832.4	799.0	761.6	723.6	684.7	645.2	605.1
-45°	903.8	867.0	828.4	804.0	775.7	746.0	715.2	679.9	643.4	606.5	568.5
-47.5°	805.9	788.8	769.1	747.3	722.0	694.7	665.7	634.8	601.4	566.6	530.5
-50°	740.7	720.8	703.2	688.1	665.8	640.2	614.3	589.8	557.8	524.5	490.1
-52.5°	653.8	644.0	633.4	622.1	605.0	582.0	560.3	538.5	511.4	479.0	446.1
-55°	579.2	571.3	564.2	553.5	538.9	520.3	501.9	483.5	460.2	430.3	403.2
-57.5°	516.6	506.1	499.4	488.0	471.8	458.1	443.9	426.6	405.9	381.0	359.0
-60°	460.8	450.0	440.1	428.2	414.4	401.0	387.9	370.9	349.7	332.5	315.0
-62.5°	396.9	392.3	380.3	367.3	357.3	349.0	333.2	315.7	300.7	286.9	271.0
-65°	318.0	307.3	300.9	300.0	294.1	282.3	269.4	261.0	252.2	240.1	226.7
-67.5°	258.7	254.0	249.5	243.2	236.9	228.9	223.4	216.2	207.1	194.2	184.4
-70°	219.0	216.3	212.2	206.1	199.5	192.9	186.8	178.3	166.2	151.0	142.3
-72.5°	184.5	182.6	179.4	174.5	169.2	163.7	155.8	143.9	129.2	111.4	102.7
-75°	152.1	150.8	148.5	144.6	140.3	135.7	127.8	114.0	99.7	84.7	76.9
-77.5°	118.0	117.4	116.5	113.7	111.0	108.4	103.0	89.2	75.8	63.7	57.3
-80°	79.0	80.1	80.1	78.5	76.7	74.7	71.3	61.9	53.4	46.0	40.9
-82.5°	46.1	44.3	42.5	42.7	42.8	42.9	42.3	37.1	32.3	27.7	24.1
-85°	16.2	15.3	14.5	16.0	17.3	18.3	18.9	16.8	14.8	12.9	11.2
-87.5°	3.9	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558965 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-940-U-MWR-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°	3.6	4.1	4.5	4.8	5.1	5.3	5.3	5.3	5.0	4.7	4.3
85°	11.9	12.3	12.4	12.1	11.3	10.5	10.7	10.7	10.0	9.3	8.5
82.5°	25.1	26.0	26.6	26.6	24.9	23.1	21.3	19.4	17.2	14.4	12.8
80°	43.3	44.7	45.1	43.9	39.8	35.7	32.9	30.1	27.9	24.8	20.8
77.5°	61.6	64.4	65.6	64.1	58.4	52.6	47.0	41.8	38.7	35.3	30.7
75°	80.6	84.8	87.3	85.8	78.6	69.5	62.3	56.3	51.9	46.1	40.7
72.5°	104.6	106.7	109.0	108.5	102.2	93.2	81.4	70.9	66.0	59.5	51.3
70°	136.7	130.7	129.3	128.4	124.6	117.6	105.7	91.8	80.3	72.9	63.8
67.5°	175.9	167.7	159.2	150.2	145.6	139.2	129.8	113.6	98.4	86.5	76.3
65°	214.7	203.7	193.3	180.2	169.3	161.0	151.4	134.0	115.7	100.6	88.8
62.5°	254.4	238.2	224.3	209.0	194.6	182.9	172.6	152.9	132.4	114.2	100.1
60°	295.9	276.5	255.2	236.8	219.5	203.8	190.1	171.6	149.4	127.0	110.4
57.5°	338.1	315.2	289.4	265.3	244.5	225.4	206.6	187.8	166.0	141.3	119.5
55°	379.6	354.6	323.4	294.7	269.6	247.6	224.1	202.8	181.8	156.0	126.1
52.5°	416.7	390.5	359.5	324.8	294.7	268.9	242.9	217.5	195.1	170.3	135.2
50°	454.5	422.0	392.5	358.1	319.8	289.9	261.2	233.8	208.1	183.5	143.7
47.5°	493.9	456.0	421.4	389.1	350.1	310.2	279.6	249.7	220.8	194.8	151.1
45°	530.1	490.9	451.1	415.3	378.2	334.0	297.6	265.0	234.5	200.6	157.5
42.5°	564.5	523.5	481.9	440.6	401.8	357.3	315.0	280.6	247.6	205.0	162.0
40°	597.4	554.2	510.8	467.8	425.4	378.5	334.0	295.7	259.3	208.9	164.9
37.5°	628.7	583.5	538.1	493.7	449.3	400.5	351.5	310.2	265.0	213.2	167.0
35°	659.0	611.1	565.1	518.6	472.1	422.8	367.2	324.1	273.5	216.8	168.1
32.5°	687.8	638.2	590.7	542.6	493.5	445.2	384.8	336.8	283.8	219.8	168.4
30°	715.9	664.6	614.8	565.5	513.9	464.0	404.6	349.2	295.7	222.0	168.4
27.5°	742.8	689.0	637.2	586.5	533.7	481.2	423.9	361.4	309.2	226.3	169.5
25°	767.4	711.7	658.1	605.8	552.3	497.7	441.8	373.5	320.5	235.4	170.0
22.5°	790.2	732.4	677.0	623.3	570.4	513.7	456.9	388.2	329.8	244.9	169.8
20°	810.9	750.8	694.6	641.9	586.8	528.9	469.7	401.6	338.5	254.6	168.9
17.5°	831.7	769.9	714.9	659.5	602.0	542.7	481.7	413.6	346.5	264.1	167.3
15°	864.5	790.7	733.4	676.0	616.1	555.0	492.7	424.1	353.8	273.3	166.8
12.5°	893.9	809.3	750.0	691.4	628.9	565.9	502.5	433.1	360.3	279.6	167.5
10°	918.8	825.5	764.7	705.3	640.4	575.2	511.2	440.8	365.7	282.2	167.1
7.5°	939.1	839.5	777.3	717.6	651.1	584.2	519.2	447.2	371.0	282.4	165.8
5°	956.5	854.7	793.2	731.1	663.7	593.0	526.0	452.1	375.7	280.5	163.6
2.5°	976.4	873.1	810.7	743.1	674.6	600.4	531.2	455.4	379.5	276.5	160.7
0°	992.0	889.2	826.3	752.9	683.7	606.1	534.8	457.2	381.7	270.5	157.3
-2.5°	976.4	873.1	810.7	743.1	674.6	600.4	531.2	455.4	379.5	276.5	160.7
-5°	956.5	854.7	793.2	731.1	663.7	593.0	526.0	452.1	375.7	280.5	163.6
-7.5°	939.1	839.5	777.3	717.6	651.1	584.2	519.2	447.2	371.0	282.4	165.8
-10°	918.8	825.5	764.7	705.3	640.4	575.2	511.2	440.8	365.7	282.2	167.1
-12.5°	893.9	809.3	750.0	691.4	628.9	565.9	502.5	433.1	360.3	279.6	167.5
-15°	864.5	790.7	733.4	676.0	616.1	555.0	492.7	424.1	353.8	273.3	166.8
-17.5°	831.7	769.9	714.9	659.5	602.0	542.7	481.7	413.6	346.5	264.1	167.3
-20°	810.9	750.8	694.6	641.9	586.8	528.9	469.7	401.6	338.5	254.6	168.9



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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°	790.2	732.4	677.0	623.3	570.4	513.7	456.9	388.2	329.8	244.9	169.8
-25°	767.4	711.7	658.1	605.8	552.3	497.7	441.8	373.5	320.5	235.4	170.0
-27.5°	742.8	689.0	637.2	586.5	533.7	481.2	423.9	361.4	309.2	226.3	169.5
-30°	715.9	664.6	614.8	565.5	513.9	464.0	404.6	349.2	295.7	222.0	168.4
-32.5°	687.8	638.2	590.7	542.6	493.5	445.2	384.8	336.8	283.8	219.8	168.4
-35°	659.0	611.1	565.1	518.6	472.1	422.8	367.2	324.1	273.5	216.8	168.1
-37.5°	628.7	583.5	538.1	493.7	449.3	400.5	351.5	310.2	265.0	213.2	167.0
-40°	597.4	554.2	510.8	467.8	425.4	378.5	334.0	295.7	259.3	208.9	164.9
-42.5°	564.5	523.5	481.9	440.6	401.8	357.3	315.0	280.6	247.6	205.0	162.0
-45°	530.1	490.9	451.1	415.3	378.2	334.0	297.6	265.0	234.5	200.6	157.5
-47.5°	493.9	456.0	421.4	389.1	350.1	310.2	279.6	249.7	220.8	194.8	151.1
-50°	454.5	422.0	392.5	358.1	319.8	289.9	261.2	233.8	208.1	183.5	143.7
-52.5°	416.7	390.5	359.5	324.8	294.7	268.9	242.9	217.5	195.1	170.3	135.2
-55°	379.6	354.6	323.4	294.7	269.6	247.6	224.1	202.8	181.8	156.0	126.1
-57.5°	338.1	315.2	289.4	265.3	244.5	225.4	206.6	187.8	166.0	141.3	119.5
-60°	295.9	276.5	255.2	236.8	219.5	203.8	190.1	171.6	149.4	127.0	110.4
-62.5°	254.4	238.2	224.3	209.0	194.6	182.9	172.6	152.9	132.4	114.2	100.1
-65°	214.7	203.7	193.3	180.2	169.3	161.0	151.4	134.0	115.7	100.6	88.8
-67.5°	175.9	167.7	159.2	150.2	145.6	139.2	129.8	113.6	98.4	86.5	76.3
-70°	136.7	130.7	129.3	128.4	124.6	117.6	105.7	91.8	80.3	72.9	63.8
-72.5°	104.6	106.7	109.0	108.5	102.2	93.2	81.4	70.9	66.0	59.5	51.3
-75°	80.6	84.8	87.3	85.8	78.6	69.5	62.3	56.3	51.9	46.1	40.7
-77.5°	61.6	64.4	65.6	64.1	58.4	52.6	47.0	41.8	38.7	35.3	30.7
-80°	43.3	44.7	45.1	43.9	39.8	35.7	32.9	30.1	27.9	24.8	20.8
-82.5°	25.1	26.0	26.6	26.6	24.9	23.1	21.3	19.4	17.2	14.4	12.8
-85°	11.9	12.3	12.4	12.1	11.3	10.5	10.7	10.7	10.0	9.3	8.5
-87.5°	3.6	4.1	4.5	4.8	5.1	5.3	5.3	5.3	5.0	4.7	4.3
-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°	3.8	3.0	2.2	1.5	0.9	0.5	0.0
85°	7.6	5.9	4.4	3.0	1.8	0.9	0.0
82.5°	11.3	8.8	6.5	4.5	2.7	1.4	0.0
80°	15.7	11.7	8.7	6.0	3.6	1.8	0.0
77.5°	24.6	16.0	10.8	7.4	4.5	2.3	0.0
75°	33.3	22.7	13.4	8.9	5.4	2.7	0.0
72.5°	41.8	29.4	18.3	10.3	6.3	3.2	0.0
70°	50.4	35.8	23.1	12.0	7.2	3.6	0.0
67.5°	60.3	42.1	27.8	15.3	8.0	4.0	0.0
65°	69.9	48.8	32.3	18.4	8.9	4.4	0.0
62.5°	79.0	55.9	36.7	21.5	9.7	4.8	0.0
60°	87.6	62.7	40.9	24.4	10.5	5.2	0.0
57.5°	93.6	69.1	45.6	27.2	12.3	5.6	0.0
55°	98.5	75.1	50.2	29.9	14.1	6.0	0.0
52.5°	102.8	80.3	54.4	32.5	15.9	6.4	0.0
50°	106.3	82.8	58.4	34.9	17.5	6.7	0.0
47.5°	109.5	84.9	62.0	37.2	19.1	7.1	0.0
45°	114.9	86.4	65.4	39.7	20.7	7.4	0.0
42.5°	119.4	87.4	68.4	42.0	22.1	7.7	0.0
40°	123.1	87.9	70.0	44.4	23.5	8.0	0.0
37.5°	125.9	87.9	70.2	46.9	24.8	8.3	0.0
35°	127.9	89.0	70.1	49.3	26.0	8.6	0.0
32.5°	129.0	90.4	69.7	51.6	27.1	8.9	0.0
30°	128.8	91.2	69.0	53.9	28.2	9.1	0.0
27.5°	128.1	91.5	69.8	56.1	29.1	9.3	0.0
25°	126.7	91.2	70.6	58.1	30.0	9.5	0.0
22.5°	124.6	91.4	71.3	60.1	30.8	9.7	0.0
20°	122.0	93.8	71.8	62.0	31.4	9.9	0.0
17.5°	122.2	95.9	72.3	63.7	32.0	10.0	0.0
15°	124.0	97.7	72.7	65.3	32.5	10.1	0.0
12.5°	125.4	99.3	72.9	66.7	32.9	10.3	0.0
10°	126.6	100.5	73.1	68.0	33.3	10.3	0.0
7.5°	127.4	101.5	73.3	69.1	33.5	10.4	0.0
5°	127.9	102.2	73.4	70.1	33.6	10.5	0.0
2.5°	128.0	102.7	73.4	70.8	33.6	10.5	0.0
0°	127.9	102.8	73.4	71.3	33.6	10.5	0.0
-2.5°	128.0	102.7	73.4	70.8	33.6	10.5	0.0
-5°	127.9	102.2	73.4	70.1	33.6	10.5	0.0
-7.5°	127.4	101.5	73.3	69.1	33.5	10.4	0.0
-10°	126.6	100.5	73.1	68.0	33.3	10.3	0.0
-12.5°	125.4	99.3	72.9	66.7	32.9	10.3	0.0
-15°	124.0	97.7	72.7	65.3	32.5	10.1	0.0
-17.5°	122.2	95.9	72.3	63.7	32.0	10.0	0.0
-20°	122.0	93.8	71.8	62.0	31.4	9.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	124.6	91.4	71.3	60.1	30.8	9.7	0.0
-25°	126.7	91.2	70.6	58.1	30.0	9.5	0.0
-27.5°	128.1	91.5	69.8	56.1	29.1	9.3	0.0
-30°	128.8	91.2	69.0	53.9	28.2	9.1	0.0
-32.5°	129.0	90.4	69.7	51.6	27.1	8.9	0.0
-35°	127.9	89.0	70.1	49.3	26.0	8.6	0.0
-37.5°	125.9	87.9	70.2	46.9	24.8	8.3	0.0
-40°	123.1	87.9	70.0	44.4	23.5	8.0	0.0
-42.5°	119.4	87.4	68.4	42.0	22.1	7.7	0.0
-45°	114.9	86.4	65.4	39.7	20.7	7.4	0.0
-47.5°	109.5	84.9	62.0	37.2	19.1	7.1	0.0
-50°	106.3	82.8	58.4	34.9	17.5	6.7	0.0
-52.5°	102.8	80.3	54.4	32.5	15.9	6.4	0.0
-55°	98.5	75.1	50.2	29.9	14.1	6.0	0.0
-57.5°	93.6	69.1	45.6	27.2	12.3	5.6	0.0
-60°	87.6	62.7	40.9	24.4	10.5	5.2	0.0
-62.5°	79.0	55.9	36.7	21.5	9.7	4.8	0.0
-65°	69.9	48.8	32.3	18.4	8.9	4.4	0.0
-67.5°	60.3	42.1	27.8	15.3	8.0	4.0	0.0
-70°	50.4	35.8	23.1	12.0	7.2	3.6	0.0
-72.5°	41.8	29.4	18.3	10.3	6.3	3.2	0.0
-75°	33.3	22.7	13.4	8.9	5.4	2.7	0.0
-77.5°	24.6	16.0	10.8	7.4	4.5	2.3	0.0
-80°	15.7	11.7	8.7	6.0	3.6	1.8	0.0
-82.5°	11.3	8.8	6.5	4.5	2.7	1.4	0.0
-85°	7.6	5.9	4.4	3.0	1.8	0.9	0.0
-87.5°	3.8	3.0	2.2	1.5	0.9	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)