

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: P559029 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-940-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559029 (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-SA5B-940-U-MWR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQUARE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (80) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

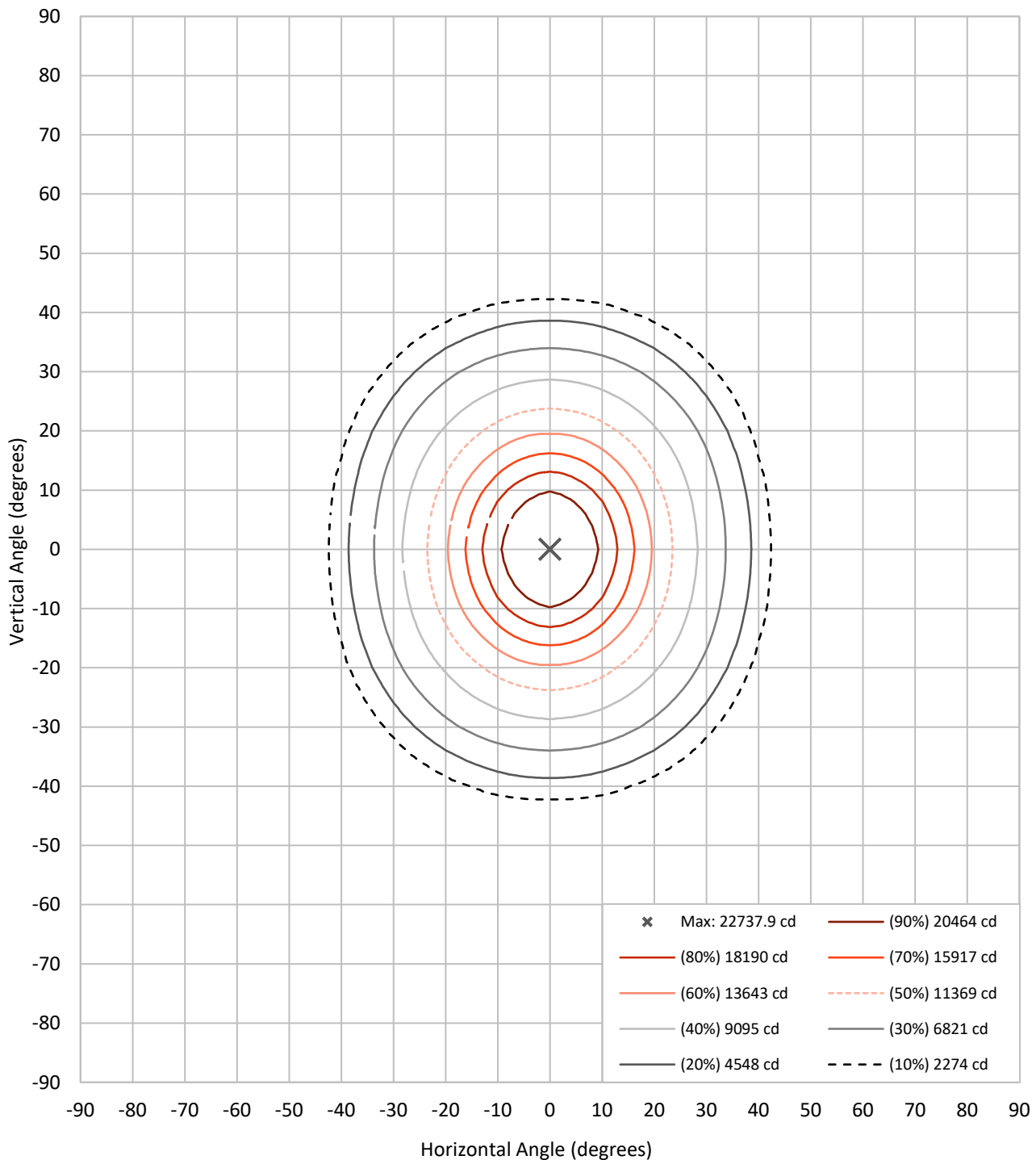
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	17700.2 lumens	Max Intensity:	22737.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	114.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	8352.1 lumens	Field Lumens:	16071.8 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 154
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





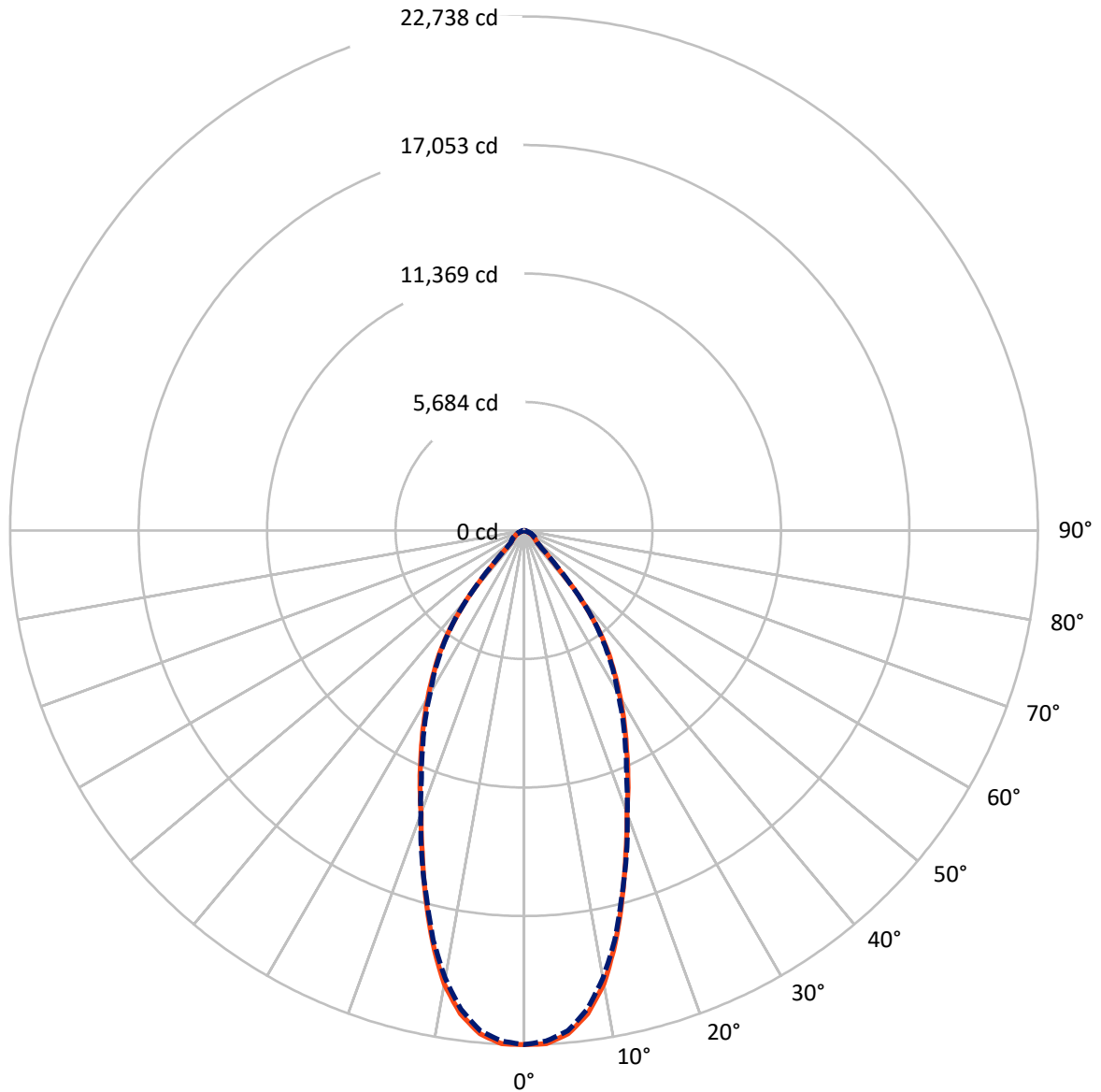
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Lumen Table

90																
80	0.3	2.2		4.9		8.0		6.2		8.0		4.9		2.2		0.3
70																
60	1.2	1.4	2.6	4.0	5.6	7.1	8.1	8.8	8.8	8.1	7.1	5.6	4.0	2.6	1.4	1.2
50		2.1	4.3	7.1	10.2	12.7	14.5	16.0	16.0	14.5	12.7	10.2	7.1	4.3	2.1	
40	1.9	2.8	5.9	10.0	14.5	19.8	31.4	44.0	44.0	31.4	19.8	14.5	10.0	5.9	2.8	1.9
30		3.4	7.4	12.4	23.3	74.6	145.2	185.0	185.0	145.2	74.6	23.3	12.4	7.4	3.4	
20	2.1	4.0	8.6	15.6	68.2	178.2	263.0	318.4	318.4	263.0	178.2	68.2	15.6	8.6	4.0	2.1
10		4.5	9.6	23.8	124.0	246.0	373.7	486.4	486.4	373.7	246.0	124.0	23.8	9.6	4.5	
0	2.2	4.8	10.4	32.9	151.1	287.0	470.0	635.7	635.7	470.0	287.0	151.1	32.9	10.4	4.8	2.2
-10		4.8	10.4	32.9	151.1	287.0	470.0	635.7	635.7	470.0	287.0	151.1	32.9	10.4	4.8	
-20	2.1	4.5	9.6	23.8	124.0	246.0	373.7	486.4	486.4	373.7	246.0	124.0	23.8	9.6	4.5	2.1
-30		4.0	8.6	15.6	68.2	178.2	263.0	318.4	318.4	263.0	178.2	68.2	15.6	8.6	4.0	
-40	1.9	3.4	7.4	12.4	23.3	74.6	145.2	185.0	185.0	145.2	74.6	23.3	12.4	7.4	3.4	1.9
-50		2.8	5.9	10.0	14.5	19.8	31.4	44.0	44.0	31.4	19.8	14.5	10.0	5.9	2.8	
-60	1.2	2.1	4.3	7.1	10.2	12.7	14.5	16.0	16.0	14.5	12.7	10.2	7.1	4.3	2.1	1.2
-70		1.4	2.6	4.0	5.6	7.1	8.1	8.8	8.8	8.1	7.1	5.6	4.0	2.6	1.4	
-80																
-90	0.3	2.2		4.9		8.0		6.2		8.0		4.9		2.2		0.3

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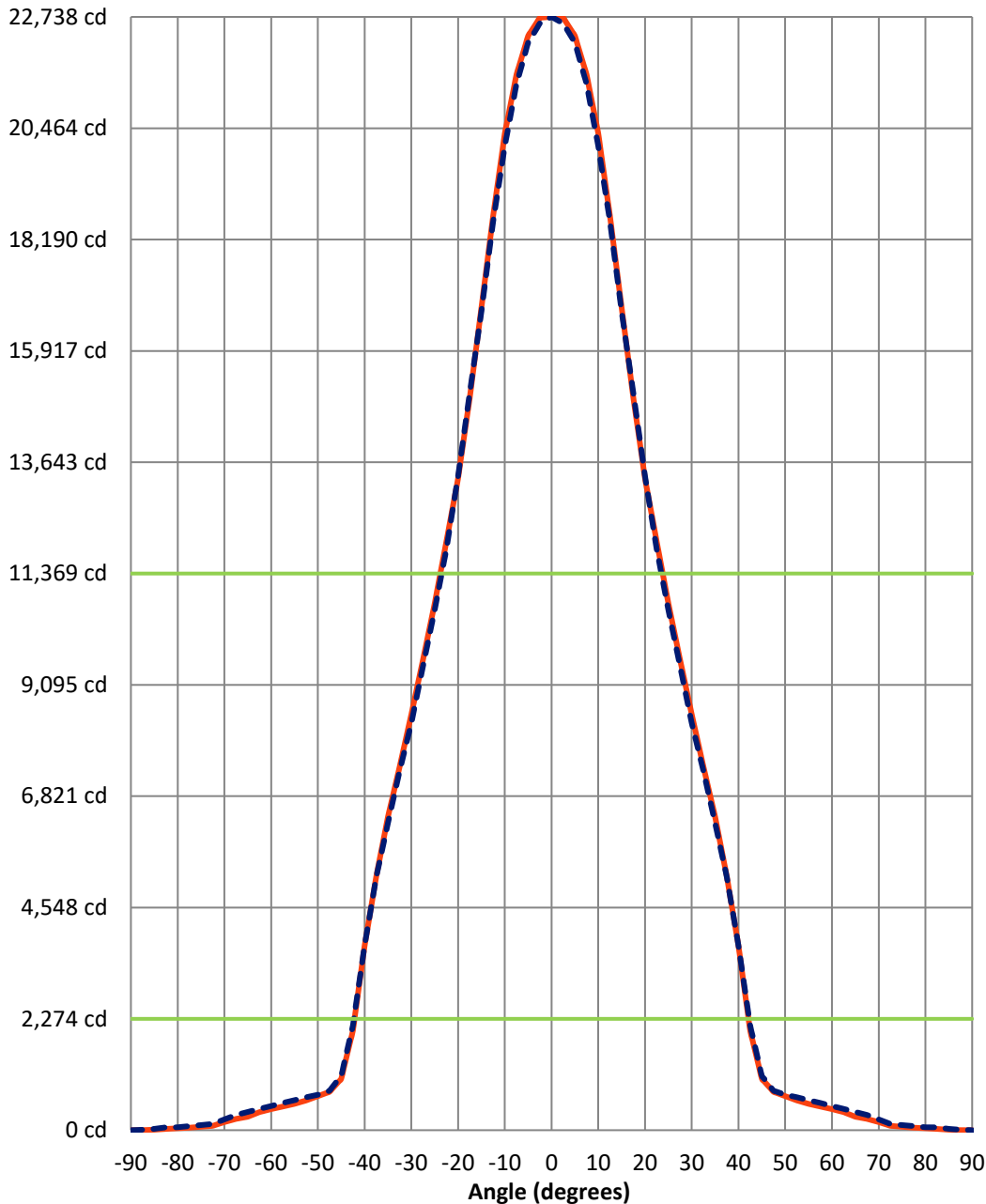
Luminous Intensity Polar Plot



— 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: 8352.1
Efficiency: 47.2%

Field:
H Angle: 84.6°
V Angle: 84.3°
Lumens: 16071.8
Efficiency: 90.8%

Spill:
Lumens: 1628.4
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	0.4	0.7	1.2	1.8	2.4	3.1	3.5	3.8	4.1	4.3
85°	0.0	0.7	1.5	2.4	3.5	4.8	6.1	6.9	7.6	8.1	8.6
82.5°	0.0	1.1	2.2	3.6	5.3	7.1	9.2	10.3	11.7	14.0	15.7
80°	0.0	1.5	2.9	4.8	7.0	9.5	12.7	16.9	20.2	22.7	24.5
77.5°	0.0	1.8	3.7	6.0	8.7	12.9	20.0	25.0	28.7	31.5	34.0
75°	0.0	2.2	4.4	7.2	10.8	18.5	27.1	33.1	37.5	42.2	45.8
72.5°	0.0	2.6	5.1	8.3	14.9	23.9	34.1	41.8	48.4	53.7	57.7
70°	0.0	2.9	5.8	9.7	18.8	29.2	41.1	51.9	59.3	65.3	74.7
67.5°	0.0	3.3	6.5	12.4	22.6	34.3	49.1	62.1	70.4	80.1	92.4
65°	0.0	3.6	7.2	15.0	26.3	39.8	56.9	72.2	81.9	94.2	109.0
62.5°	0.0	3.9	7.8	17.4	29.8	45.5	64.3	81.4	92.9	107.8	124.4
60°	0.0	4.2	8.5	19.8	33.2	51.0	71.3	89.8	103.3	121.6	139.6
57.5°	0.0	4.6	10.0	22.1	37.1	56.2	76.1	97.2	115.0	135.1	152.8
55°	0.0	4.9	11.5	24.3	40.8	61.1	80.2	102.7	126.9	147.9	165.0
52.5°	0.0	5.2	12.9	26.4	44.3	65.3	83.6	110.0	138.5	158.8	177.0
50°	0.0	5.5	14.2	28.3	47.5	67.4	86.5	116.9	149.3	169.3	190.2
47.5°	0.0	5.7	15.5	30.2	50.5	69.1	89.1	123.0	158.5	179.7	203.2
45°	0.0	6.0	16.8	32.3	53.2	70.3	93.5	128.1	163.2	190.8	215.7
42.5°	0.0	6.3	18.0	34.1	55.7	71.1	97.1	131.8	166.8	201.5	228.4
40°	0.0	6.5	19.1	36.1	57.0	71.5	100.1	134.2	170.0	211.0	240.7
37.5°	0.0	6.7	20.1	38.1	57.1	71.5	102.4	135.9	173.5	215.7	252.5
35°	0.0	7.0	21.1	40.1	57.1	72.4	104.1	136.8	176.5	222.6	263.8
32.5°	0.0	7.2	22.0	42.0	56.7	73.6	104.9	137.0	178.8	230.9	274.1
30°	0.0	7.4	22.9	43.8	56.2	74.2	104.8	137.0	180.7	240.7	284.3
27.5°	0.0	7.5	23.7	45.6	56.8	74.4	104.2	138.0	184.2	251.7	294.2
25°	0.0	7.7	24.4	47.3	57.4	74.2	103.0	138.3	191.6	260.9	304.0
22.5°	0.0	7.9	25.0	48.9	58.0	74.4	101.4	138.2	199.3	268.4	316.0
20°	0.0	8.0	25.5	50.4	58.4	76.3	99.3	137.4	207.2	275.5	326.9
17.5°	0.0	8.1	26.0	51.8	58.8	78.0	99.4	136.1	214.9	282.0	336.6
15°	0.0	8.2	26.4	53.1	59.1	79.5	100.9	135.7	222.4	288.0	345.2
12.5°	0.0	8.3	26.8	54.3	59.3	80.7	102.1	136.3	227.5	293.3	352.5
10°	0.0	8.4	27.0	55.3	59.5	81.8	103.0	136.0	229.6	297.7	358.7
7.5°	0.0	8.4	27.2	56.2	59.6	82.6	103.7	134.9	229.9	302.0	364.0
5°	0.0	8.5	27.3	57.0	59.7	83.1	104.1	133.1	228.3	305.9	368.0
2.5°	0.0	8.5	27.3	57.6	59.7	83.5	104.2	130.8	225.0	308.9	370.7
0°	0.0	8.5	27.3	58.0	59.7	83.6	104.1	128.0	220.2	310.7	372.1
-2.5°	0.0	8.5	27.3	57.6	59.7	83.5	104.2	130.8	225.0	308.9	370.7
-5°	0.0	8.5	27.3	57.0	59.7	83.1	104.1	133.1	228.3	305.9	368.0
-7.5°	0.0	8.4	27.2	56.2	59.6	82.6	103.7	134.9	229.9	302.0	364.0
-10°	0.0	8.4	27.0	55.3	59.5	81.8	103.0	136.0	229.6	297.7	358.7
-12.5°	0.0	8.3	26.8	54.3	59.3	80.7	102.1	136.3	227.5	293.3	352.5
-15°	0.0	8.2	26.4	53.1	59.1	79.5	100.9	135.7	222.4	288.0	345.2
-17.5°	0.0	8.1	26.0	51.8	58.8	78.0	99.4	136.1	214.9	282.0	336.6
-20°	0.0	8.0	25.5	50.4	58.4	76.3	99.3	137.4	207.2	275.5	326.9



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	7.9	25.0	48.9	58.0	74.4	101.4	138.2	199.3	268.4	316.0
-25°	0.0	7.7	24.4	47.3	57.4	74.2	103.0	138.3	191.6	260.9	304.0
-27.5°	0.0	7.5	23.7	45.6	56.8	74.4	104.2	138.0	184.2	251.7	294.2
-30°	0.0	7.4	22.9	43.8	56.2	74.2	104.8	137.0	180.7	240.7	284.3
-32.5°	0.0	7.2	22.0	42.0	56.7	73.6	104.9	137.0	178.8	230.9	274.1
-35°	0.0	7.0	21.1	40.1	57.1	72.4	104.1	136.8	176.5	222.6	263.8
-37.5°	0.0	6.7	20.1	38.1	57.1	71.5	102.4	135.9	173.5	215.7	252.5
-40°	0.0	6.5	19.1	36.1	57.0	71.5	100.1	134.2	170.0	211.0	240.7
-42.5°	0.0	6.3	18.0	34.1	55.7	71.1	97.1	131.8	166.8	201.5	228.4
-45°	0.0	6.0	16.8	32.3	53.2	70.3	93.5	128.1	163.2	190.8	215.7
-47.5°	0.0	5.7	15.5	30.2	50.5	69.1	89.1	123.0	158.5	179.7	203.2
-50°	0.0	5.5	14.2	28.3	47.5	67.4	86.5	116.9	149.3	169.3	190.2
-52.5°	0.0	5.2	12.9	26.4	44.3	65.3	83.6	110.0	138.5	158.8	177.0
-55°	0.0	4.9	11.5	24.3	40.8	61.1	80.2	102.7	126.9	147.9	165.0
-57.5°	0.0	4.6	10.0	22.1	37.1	56.2	76.1	97.2	115.0	135.1	152.8
-60°	0.0	4.2	8.5	19.8	33.2	51.0	71.3	89.8	103.3	121.6	139.6
-62.5°	0.0	3.9	7.8	17.4	29.8	45.5	64.3	81.4	92.9	107.8	124.4
-65°	0.0	3.6	7.2	15.0	26.3	39.8	56.9	72.2	81.9	94.2	109.0
-67.5°	0.0	3.3	6.5	12.4	22.6	34.3	49.1	62.1	70.4	80.1	92.4
-70°	0.0	2.9	5.8	9.7	18.8	29.2	41.1	51.9	59.3	65.3	74.7
-72.5°	0.0	2.6	5.1	8.3	14.9	23.9	34.1	41.8	48.4	53.7	57.7
-75°	0.0	2.2	4.4	7.2	10.8	18.5	27.1	33.1	37.5	42.2	45.8
-77.5°	0.0	1.8	3.7	6.0	8.7	12.9	20.0	25.0	28.7	31.5	34.0
-80°	0.0	1.5	2.9	4.8	7.0	9.5	12.7	16.9	20.2	22.7	24.5
-82.5°	0.0	1.1	2.2	3.6	5.3	7.1	9.2	10.3	11.7	14.0	15.7
-85°	0.0	0.7	1.5	2.4	3.5	4.8	6.1	6.9	7.6	8.1	8.6
-87.5°	0.0	0.4	0.7	1.2	1.8	2.4	3.1	3.5	3.8	4.1	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):

	-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°	4.3	4.3	4.1	3.9	3.6	3.3	2.9	2.4	2.5	2.6	2.7
85°	8.7	8.5	9.2	9.8	10.1	10.0	9.7	9.1	10.5	12.0	13.6
82.5°	17.3	18.8	20.2	21.6	21.6	21.2	20.4	19.6	22.6	26.3	30.2
80°	26.7	29.0	32.3	35.7	36.7	36.3	35.2	33.3	37.4	43.5	50.4
77.5°	38.2	42.8	47.5	52.1	53.3	52.4	50.1	46.6	51.9	61.7	72.6
75°	50.7	56.6	64.0	69.8	71.1	69.1	65.6	62.5	68.9	81.1	92.8
72.5°	66.2	75.8	83.2	88.4	88.7	86.8	85.1	83.5	90.7	105.1	117.1
70°	86.0	95.7	101.4	104.6	105.3	106.4	111.2	115.8	122.9	135.3	145.1
67.5°	105.7	113.3	118.5	122.3	129.6	136.5	143.2	150.1	158.0	168.5	176.0
65°	123.2	131.1	137.9	146.7	157.4	165.8	174.8	184.5	195.4	205.3	212.5
62.5°	140.5	148.9	158.4	170.1	182.5	193.9	207.1	220.5	233.6	244.8	257.0
60°	154.7	165.9	178.7	192.8	207.7	225.0	240.8	256.4	270.7	284.7	301.9
57.5°	168.2	183.4	199.0	215.9	235.5	256.5	275.2	292.3	310.1	330.4	347.3
55°	182.4	201.5	219.4	239.8	263.2	288.6	309.0	328.2	350.3	374.6	393.6
52.5°	197.7	218.9	239.9	264.4	292.6	317.9	339.2	363.2	390.0	416.3	438.3
50°	212.6	235.9	260.3	291.5	319.5	343.6	370.0	399.0	426.9	454.0	480.0
47.5°	227.6	252.5	285.0	316.7	343.0	371.2	402.0	431.8	461.2	489.4	516.6
45°	242.3	271.8	307.9	338.0	367.2	399.6	431.5	462.7	493.6	523.7	553.4
42.5°	256.4	290.8	327.1	358.7	392.3	426.1	459.4	492.4	525.1	557.3	588.9
40°	271.9	308.1	346.2	380.8	415.8	451.1	486.2	521.0	555.5	589.6	623.2
37.5°	286.1	326.0	365.8	401.9	437.9	474.9	511.7	548.6	584.9	620.5	658.7
35°	298.8	344.1	384.3	422.1	459.9	497.4	536.3	575.2	613.5	652.0	700.8
32.5°	313.2	362.4	401.7	441.7	480.8	519.4	559.8	601.0	641.7	686.7	756.8
30°	329.3	377.6	418.3	460.3	500.3	540.9	582.7	625.7	668.5	738.5	900.5
27.5°	345.0	391.6	434.4	477.4	518.6	560.7	604.6	649.0	708.7	816.4	1079.2
25°	359.6	405.1	449.5	493.0	535.6	579.3	624.6	670.8	751.8	969.3	1549.8
22.5°	371.9	418.1	464.2	507.3	550.9	596.1	643.2	704.5	829.7	1123.7	2073.5
20°	382.3	430.5	477.6	522.4	565.3	611.1	660.1	736.6	948.0	1564.5	2701.1
17.5°	392.1	441.7	490.0	536.7	581.9	626.7	677.0	764.4	1054.6	1947.7	3332.1
15°	401.0	451.8	501.4	550.2	596.9	643.6	703.7	843.2	1270.1	2328.0	3894.2
12.5°	409.1	460.6	511.9	562.7	610.5	658.7	727.6	921.4	1534.0	2774.2	4277.8
10°	416.1	468.2	521.3	574.0	622.4	672.0	747.8	985.7	1751.0	3141.2	4586.1
7.5°	422.7	475.5	529.9	584.0	632.7	683.3	764.4	1035.8	1918.7	3417.6	4832.1
5°	428.1	482.7	540.2	595.0	645.6	695.7	778.5	1071.9	2036.4	3603.8	5011.2
2.5°	432.4	488.7	549.1	604.8	659.9	710.7	794.7	1098.6	2112.3	3722.4	5125.8
0°	435.3	493.3	556.5	612.8	672.6	723.8	807.4	1111.3	2140.6	3765.8	5169.0
-2.5°	432.4	488.7	549.1	604.8	659.9	710.7	794.7	1098.6	2112.3	3722.4	5125.8
-5°	428.1	482.7	540.2	595.0	645.6	695.7	778.5	1071.9	2036.4	3603.8	5011.2
-7.5°	422.7	475.5	529.9	584.0	632.7	683.3	764.4	1035.8	1918.7	3417.6	4832.1
-10°	416.1	468.2	521.3	574.0	622.4	672.0	747.8	985.7	1751.0	3141.2	4586.1
-12.5°	409.1	460.6	511.9	562.7	610.5	658.7	727.6	921.4	1534.0	2774.2	4277.8
-15°	401.0	451.8	501.4	550.2	596.9	643.6	703.7	843.2	1270.1	2328.0	3894.2
-17.5°	392.1	441.7	490.0	536.7	581.9	626.7	677.0	764.4	1054.6	1947.7	3332.1
-20°	382.3	430.5	477.6	522.4	565.3	611.1	660.1	736.6	948.0	1564.5	2701.1



REPORT NUMBER: P559029 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	371.9	418.1	464.2	507.3	550.9	596.1	643.2	704.5	829.7	1123.7	2073.5
-25°	359.6	405.1	449.5	493.0	535.6	579.3	624.6	670.8	751.8	969.3	1549.8
-27.5°	345.0	391.6	434.4	477.4	518.6	560.7	604.6	649.0	708.7	816.4	1079.2
-30°	329.3	377.6	418.3	460.3	500.3	540.9	582.7	625.7	668.5	738.5	900.5
-32.5°	313.2	362.4	401.7	441.7	480.8	519.4	559.8	601.0	641.7	686.7	756.8
-35°	298.8	344.1	384.3	422.1	459.9	497.4	536.3	575.2	613.5	652.0	700.8
-37.5°	286.1	326.0	365.8	401.9	437.9	474.9	511.7	548.6	584.9	620.5	658.7
-40°	271.9	308.1	346.2	380.8	415.8	451.1	486.2	521.0	555.5	589.6	623.2
-42.5°	256.4	290.8	327.1	358.7	392.3	426.1	459.4	492.4	525.1	557.3	588.9
-45°	242.3	271.8	307.9	338.0	367.2	399.6	431.5	462.7	493.6	523.7	553.4
-47.5°	227.6	252.5	285.0	316.7	343.0	371.2	402.0	431.8	461.2	489.4	516.6
-50°	212.6	235.9	260.3	291.5	319.5	343.6	370.0	399.0	426.9	454.0	480.0
-52.5°	197.7	218.9	239.9	264.4	292.6	317.9	339.2	363.2	390.0	416.3	438.3
-55°	182.4	201.5	219.4	239.8	263.2	288.6	309.0	328.2	350.3	374.6	393.6
-57.5°	168.2	183.4	199.0	215.9	235.5	256.5	275.2	292.3	310.1	330.4	347.3
-60°	154.7	165.9	178.7	192.8	207.7	225.0	240.8	256.4	270.7	284.7	301.9
-62.5°	140.5	148.9	158.4	170.1	182.5	193.9	207.1	220.5	233.6	244.8	257.0
-65°	123.2	131.1	137.9	146.7	157.4	165.8	174.8	184.5	195.4	205.3	212.5
-67.5°	105.7	113.3	118.5	122.3	129.6	136.5	143.2	150.1	158.0	168.5	176.0
-70°	86.0	95.7	101.4	104.6	105.3	106.4	111.2	115.8	122.9	135.3	145.1
-72.5°	66.2	75.8	83.2	88.4	88.7	86.8	85.1	83.5	90.7	105.1	117.1
-75°	50.7	56.6	64.0	69.8	71.1	69.1	65.6	62.5	68.9	81.1	92.8
-77.5°	38.2	42.8	47.5	52.1	53.3	52.4	50.1	46.6	51.9	61.7	72.6
-80°	26.7	29.0	32.3	35.7	36.7	36.3	35.2	33.3	37.4	43.5	50.4
-82.5°	17.3	18.8	20.2	21.6	21.6	21.2	20.4	19.6	22.6	26.3	30.2
-85°	8.7	8.5	9.2	9.8	10.1	10.0	9.7	9.1	10.5	12.0	13.6
-87.5°	4.3	4.3	4.1	3.9	3.6	3.3	2.9	2.4	2.5	2.6	2.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559029 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2	3.3	2.9	2.5
85°	15.4	14.9	14.1	13.1	11.8	12.5	13.2	13.9	14.6	13.6	12.5
82.5°	34.4	34.9	34.9	34.8	34.6	36.1	37.6	38.8	39.9	36.9	33.3
80°	58.0	60.8	62.4	63.9	65.2	65.2	64.3	62.8	60.7	55.5	49.8
77.5°	83.8	88.2	90.3	92.6	94.8	95.6	96.1	96.7	97.3	88.2	76.8
75°	104.0	110.5	114.2	117.7	120.9	122.8	123.8	124.4	124.7	113.8	99.8
72.5°	126.9	133.2	137.7	142.0	146.1	148.7	150.2	151.3	152.1	142.6	129.2
70°	152.1	157.1	162.5	167.8	172.7	176.1	178.3	180.1	181.4	180.5	179.8
67.5°	181.9	186.3	192.8	197.9	203.1	206.8	210.6	213.6	215.8	218.3	221.2
65°	219.2	229.7	239.3	244.2	244.9	250.2	258.9	264.4	267.2	269.5	272.2
62.5°	271.2	284.0	290.8	299.0	309.5	319.3	323.1	328.1	334.1	341.4	349.7
60°	315.7	326.3	337.3	348.5	358.2	366.3	375.1	383.9	391.8	399.1	406.2
57.5°	361.3	372.9	384.1	397.2	406.5	411.9	420.5	430.9	439.0	445.3	454.9
55°	408.6	423.5	438.6	450.5	459.2	465.0	471.5	481.6	487.6	489.9	500.9
52.5°	456.0	473.7	492.4	506.3	515.6	524.2	532.2	541.0	547.1	550.0	560.8
50°	500.0	521.1	541.9	560.1	572.4	586.7	602.9	610.9	616.0	621.8	633.9
47.5°	541.8	565.4	587.7	608.3	626.0	642.1	656.0	669.5	689.2	704.9	720.5
45°	582.1	607.2	631.4	654.4	674.3	705.7	735.6	761.1	829.3	886.5	930.1
42.5°	619.9	650.3	677.5	716.0	757.8	830.4	942.5	1046.4	1247.3	1506.1	1722.1
40°	659.4	698.8	747.5	822.4	964.1	1109.8	1545.5	1933.7	2315.5	2749.7	3121.8
37.5°	705.5	764.8	907.5	1076.8	1531.2	2033.9	2651.3	3257.4	3785.1	4236.6	4613.5
35°	766.5	949.9	1216.5	1833.2	2504.7	3328.8	4040.4	4610.4	5131.7	5550.0	5864.9
32.5°	946.4	1281.9	1986.0	2834.3	3757.8	4554.0	5247.1	5792.9	6268.4	6643.3	6935.3
30°	1209.8	1980.8	2937.0	3953.0	4872.9	5633.1	6273.5	6793.7	7218.1	7599.7	7920.0
27.5°	1835.6	2827.7	3951.6	4987.9	5824.6	6536.4	7110.8	7626.1	8094.1	8495.8	8874.6
25°	2520.4	3748.5	4882.2	5825.3	6606.2	7274.0	7879.9	8443.5	8967.4	9437.6	9878.2
22.5°	3342.8	4567.7	5651.1	6524.0	7280.7	7966.7	8610.3	9237.5	9847.3	10421.2	10954.1
20°	4087.4	5289.6	6234.3	7106.1	7892.2	8607.1	9316.3	10047.4	10751.2	11442.4	12084.2
17.5°	4667.7	5786.1	6734.5	7618.1	8418.3	9227.8	10039.6	10879.2	11728.2	12530.9	13298.6
15°	5152.2	6200.2	7161.4	8044.9	8924.7	9817.9	10724.7	11713.9	12723.8	13684.5	14663.0
12.5°	5495.7	6545.7	7520.2	8406.7	9393.2	10362.8	11418.3	12545.7	13712.0	14831.1	16033.1
10°	5771.8	6821.4	7787.7	8743.7	9787.6	10862.7	12046.5	13288.3	14680.0	16005.1	17300.2
7.5°	6008.7	7051.4	8002.7	9018.4	10115.7	11297.4	12585.0	13988.9	15495.0	16969.5	18511.1
5°	6182.0	7208.3	8169.7	9243.6	10368.0	11615.0	13000.3	14500.4	16115.6	17731.2	19255.7
2.5°	6273.8	7297.7	8273.5	9383.2	10516.0	11807.5	13250.2	14840.2	16546.3	18309.2	19812.3
0°	6271.7	7335.2	8313.3	9477.6	10624.7	11865.7	13357.7	15057.9	16722.3	18553.9	20097.1
-2.5°	6273.8	7297.7	8273.5	9383.2	10516.0	11807.5	13250.2	14840.2	16546.3	18309.2	19812.3
-5°	6182.0	7208.3	8169.7	9243.6	10368.0	11615.0	13000.3	14500.4	16115.6	17731.2	19255.7
-7.5°	6008.7	7051.4	8002.7	9018.4	10115.7	11297.4	12585.0	13988.9	15495.0	16969.5	18511.1
-10°	5771.8	6821.4	7787.7	8743.7	9787.6	10862.7	12046.5	13288.3	14680.0	16005.1	17300.2
-12.5°	5495.7	6545.7	7520.2	8406.7	9393.2	10362.8	11418.3	12545.7	13712.0	14831.1	16033.1
-15°	5152.2	6200.2	7161.4	8044.9	8924.7	9817.9	10724.7	11713.9	12723.8	13684.5	14663.0
-17.5°	4667.7	5786.1	6734.5	7618.1	8418.3	9227.8	10039.6	10879.2	11728.2	12530.9	13298.6
-20°	4087.4	5289.6	6234.3	7106.1	7892.2	8607.1	9316.3	10047.4	10751.2	11442.4	12084.2



REPORT NUMBER: P559029 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	3342.8	4567.7	5651.1	6524.0	7280.7	7966.7	8610.3	9237.5	9847.3	10421.2	10954.1
-25°	2520.4	3748.5	4882.2	5825.3	6606.2	7274.0	7879.9	8443.5	8967.4	9437.6	9878.2
-27.5°	1835.6	2827.7	3951.6	4987.9	5824.6	6536.4	7110.8	7626.1	8094.1	8495.8	8874.6
-30°	1209.8	1980.8	2937.0	3953.0	4872.9	5633.1	6273.5	6793.7	7218.1	7599.7	7920.0
-32.5°	946.4	1281.9	1986.0	2834.3	3757.8	4554.0	5247.1	5792.9	6268.4	6643.3	6935.3
-35°	766.5	949.9	1216.5	1833.2	2504.7	3328.8	4040.4	4610.4	5131.7	5550.0	5864.9
-37.5°	705.5	764.8	907.5	1076.8	1531.2	2033.9	2651.3	3257.4	3785.1	4236.6	4613.5
-40°	659.4	698.8	747.5	822.4	964.1	1109.8	1545.5	1933.7	2315.5	2749.7	3121.8
-42.5°	619.9	650.3	677.5	716.0	757.8	830.4	942.5	1046.4	1247.3	1506.1	1722.1
-45°	582.1	607.2	631.4	654.4	674.3	705.7	735.6	761.1	829.3	886.5	930.1
-47.5°	541.8	565.4	587.7	608.3	626.0	642.1	656.0	669.5	689.2	704.9	720.5
-50°	500.0	521.1	541.9	560.1	572.4	586.7	602.9	610.9	616.0	621.8	633.9
-52.5°	456.0	473.7	492.4	506.3	515.6	524.2	532.2	541.0	547.1	550.0	560.8
-55°	408.6	423.5	438.6	450.5	459.2	465.0	471.5	481.6	487.6	489.9	500.9
-57.5°	361.3	372.9	384.1	397.2	406.5	411.9	420.5	430.9	439.0	445.3	454.9
-60°	315.7	326.3	337.3	348.5	358.2	366.3	375.1	383.9	391.8	399.1	406.2
-62.5°	271.2	284.0	290.8	299.0	309.5	319.3	323.1	328.1	334.1	341.4	349.7
-65°	219.2	229.7	239.3	244.2	244.9	250.2	258.9	264.4	267.2	269.5	272.2
-67.5°	181.9	186.3	192.8	197.9	203.1	206.8	210.6	213.6	215.8	218.3	221.2
-70°	152.1	157.1	162.5	167.8	172.7	176.1	178.3	180.1	181.4	180.5	179.8
-72.5°	126.9	133.2	137.7	142.0	146.1	148.7	150.2	151.3	152.1	142.6	129.2
-75°	104.0	110.5	114.2	117.7	120.9	122.8	123.8	124.4	124.7	113.8	99.8
-77.5°	83.8	88.2	90.3	92.6	94.8	95.6	96.1	96.7	97.3	88.2	76.8
-80°	58.0	60.8	62.4	63.9	65.2	65.2	64.3	62.8	60.7	55.5	49.8
-82.5°	34.4	34.9	34.9	34.8	34.6	36.1	37.6	38.8	39.9	36.9	33.3
-85°	15.4	14.9	14.1	13.1	11.8	12.5	13.2	13.9	14.6	13.6	12.5
-87.5°	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2	3.3	2.9	2.5
-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: P559029 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	2.1	1.7	1.7	1.7	1.7	1.7	2.1	2.5	2.9	3.3	3.2
85°	11.4	10.1	10.2	10.2	10.2	10.1	11.4	12.5	13.6	14.6	13.9
82.5°	29.5	25.5	25.6	25.6	25.6	25.5	29.5	33.3	36.9	39.9	38.8
80°	43.8	37.6	38.4	39.3	38.4	37.6	43.8	49.8	55.5	60.7	62.8
77.5°	64.5	51.6	51.1	51.2	51.1	51.6	64.5	76.8	88.2	97.3	96.7
75°	85.4	70.6	69.9	70.0	69.9	70.6	85.4	99.8	113.8	124.7	124.4
72.5°	115.4	101.3	94.9	88.8	94.9	101.3	115.4	129.2	142.6	152.1	151.3
70°	180.0	180.4	174.1	165.6	174.1	180.4	180.0	179.8	180.5	181.4	180.1
67.5°	223.6	225.4	228.1	230.5	228.1	225.4	223.6	221.2	218.3	215.8	213.6
65°	273.5	273.4	274.3	274.8	274.3	273.4	273.5	272.2	269.5	267.2	264.4
62.5°	356.9	362.6	366.7	368.7	366.7	362.6	356.9	349.7	341.4	334.1	328.1
60°	412.1	416.9	423.5	430.2	423.5	416.9	412.1	406.2	399.1	391.8	383.9
57.5°	463.8	471.8	478.3	483.1	478.3	471.8	463.8	454.9	445.3	439.0	430.9
55°	511.4	520.7	529.7	537.7	529.7	520.7	511.4	500.9	489.9	487.6	481.6
52.5°	571.3	578.9	591.6	607.7	591.6	578.9	571.3	560.8	550.0	547.1	541.0
50°	647.8	659.4	675.4	694.8	675.4	659.4	647.8	633.9	621.8	616.0	610.9
47.5°	736.2	747.8	763.2	783.5	763.2	747.8	736.2	720.5	704.9	689.2	669.5
45°	970.1	997.4	1022.4	1049.8	1022.4	997.4	970.1	930.1	886.5	829.3	761.1
42.5°	1895.3	2015.0	2066.7	2036.5	2066.7	2015.0	1895.3	1722.1	1506.1	1247.3	1046.4
40°	3405.5	3604.5	3721.6	3762.3	3721.6	3604.5	3405.5	3121.8	2749.7	2315.5	1933.7
37.5°	4888.9	5072.1	5171.0	5182.6	5171.0	5072.1	4888.9	4613.5	4236.6	3785.1	3257.4
35°	6092.3	6243.2	6332.6	6399.7	6332.6	6243.2	6092.3	5864.9	5550.0	5131.7	4610.4
32.5°	7173.0	7344.9	7444.3	7422.3	7444.3	7344.9	7173.0	6935.3	6643.3	6268.4	5792.9
30°	8182.6	8370.6	8487.4	8490.9	8487.4	8370.6	8182.6	7920.0	7599.7	7218.1	6793.7
27.5°	9180.7	9391.8	9513.6	9609.0	9513.6	9391.8	9180.7	8874.6	8495.8	8094.1	7626.1
25°	10245.5	10508.7	10665.0	10759.5	10665.0	10508.7	10245.5	9878.2	9437.6	8967.4	8443.5
22.5°	11393.6	11719.6	11933.8	12022.8	11933.8	11719.6	11393.6	10954.1	10421.2	9847.3	9237.5
20°	12642.4	13046.4	13319.9	13311.6	13319.9	13046.4	12642.4	12084.2	11442.4	10751.2	10047.4
17.5°	14035.8	14556.9	14909.6	14960.6	14909.6	14556.9	14035.8	13298.6	12530.9	11728.2	10879.2
15°	15529.7	16201.6	16657.7	16799.1	16657.7	16201.6	15529.7	14663.0	13684.5	12723.8	11713.9
12.5°	17060.6	17859.8	18467.8	18670.0	18467.8	17859.8	17060.6	16033.1	14831.1	13712.0	12545.7
10°	18519.3	19404.4	20064.5	20356.6	20064.5	19404.4	18519.3	17300.2	16005.1	14680.0	13288.3
7.5°	19738.6	20638.0	21317.8	21558.4	21317.8	20638.0	19738.6	18511.1	16969.5	15495.0	13988.9
5°	20541.9	21524.5	22053.1	22350.4	22053.1	21524.5	20541.9	19255.7	17731.2	16115.6	14500.4
2.5°	21078.6	21911.9	22447.3	22720.9	22447.3	21911.9	21078.6	19812.3	18309.2	16546.3	14840.2
0°	21363.8	22212.2	22604.8	22737.9	22604.8	22212.2	21363.8	20097.1	18553.9	16722.3	15057.9
-2.5°	21078.6	21911.9	22447.3	22720.9	22447.3	21911.9	21078.6	19812.3	18309.2	16546.3	14840.2
-5°	20541.9	21524.5	22053.1	22350.4	22053.1	21524.5	20541.9	19255.7	17731.2	16115.6	14500.4
-7.5°	19738.6	20638.0	21317.8	21558.4	21317.8	20638.0	19738.6	18511.1	16969.5	15495.0	13988.9
-10°	18519.3	19404.4	20064.5	20356.6	20064.5	19404.4	18519.3	17300.2	16005.1	14680.0	13288.3
-12.5°	17060.6	17859.8	18467.8	18670.0	18467.8	17859.8	17060.6	16033.1	14831.1	13712.0	12545.7
-15°	15529.7	16201.6	16657.7	16799.1	16657.7	16201.6	15529.7	14663.0	13684.5	12723.8	11713.9
-17.5°	14035.8	14556.9	14909.6	14960.6	14909.6	14556.9	14035.8	13298.6	12530.9	11728.2	10879.2
-20°	12642.4	13046.4	13319.9	13311.6	13319.9	13046.4	12642.4	12084.2	11442.4	10751.2	10047.4



REPORT NUMBER: P559029 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	11393.6	11719.6	11933.8	12022.8	11933.8	11719.6	11393.6	10954.1	10421.2	9847.3	9237.5
-25°	10245.5	10508.7	10665.0	10759.5	10665.0	10508.7	10245.5	9878.2	9437.6	8967.4	8443.5
-27.5°	9180.7	9391.8	9513.6	9609.0	9513.6	9391.8	9180.7	8874.6	8495.8	8094.1	7626.1
-30°	8182.6	8370.6	8487.4	8490.9	8487.4	8370.6	8182.6	7920.0	7599.7	7218.1	6793.7
-32.5°	7173.0	7344.9	7444.3	7422.3	7444.3	7344.9	7173.0	6935.3	6643.3	6268.4	5792.9
-35°	6092.3	6243.2	6332.6	6399.7	6332.6	6243.2	6092.3	5864.9	5550.0	5131.7	4610.4
-37.5°	4888.9	5072.1	5171.0	5182.6	5171.0	5072.1	4888.9	4613.5	4236.6	3785.1	3257.4
-40°	3405.5	3604.5	3721.6	3762.3	3721.6	3604.5	3405.5	3121.8	2749.7	2315.5	1933.7
-42.5°	1895.3	2015.0	2066.7	2036.5	2066.7	2015.0	1895.3	1722.1	1506.1	1247.3	1046.4
-45°	970.1	997.4	1022.4	1049.8	1022.4	997.4	970.1	930.1	886.5	829.3	761.1
-47.5°	736.2	747.8	763.2	783.5	763.2	747.8	736.2	720.5	704.9	689.2	669.5
-50°	647.8	659.4	675.4	694.8	675.4	659.4	647.8	633.9	621.8	616.0	610.9
-52.5°	571.3	578.9	591.6	607.7	591.6	578.9	571.3	560.8	550.0	547.1	541.0
-55°	511.4	520.7	529.7	537.7	529.7	520.7	511.4	500.9	489.9	487.6	481.6
-57.5°	463.8	471.8	478.3	483.1	478.3	471.8	463.8	454.9	445.3	439.0	430.9
-60°	412.1	416.9	423.5	430.2	423.5	416.9	412.1	406.2	399.1	391.8	383.9
-62.5°	356.9	362.6	366.7	368.7	366.7	362.6	356.9	349.7	341.4	334.1	328.1
-65°	273.5	273.4	274.3	274.8	274.3	273.4	273.5	272.2	269.5	267.2	264.4
-67.5°	223.6	225.4	228.1	230.5	228.1	225.4	223.6	221.2	218.3	215.8	213.6
-70°	180.0	180.4	174.1	165.6	174.1	180.4	180.0	179.8	180.5	181.4	180.1
-72.5°	115.4	101.3	94.9	88.8	94.9	101.3	115.4	129.2	142.6	152.1	151.3
-75°	85.4	70.6	69.9	70.0	69.9	70.6	85.4	99.8	113.8	124.7	124.4
-77.5°	64.5	51.6	51.1	51.2	51.1	51.6	64.5	76.8	88.2	97.3	96.7
-80°	43.8	37.6	38.4	39.3	38.4	37.6	43.8	49.8	55.5	60.7	62.8
-82.5°	29.5	25.5	25.6	25.6	25.6	25.5	29.5	33.3	36.9	39.9	38.8
-85°	11.4	10.1	10.2	10.2	10.2	10.1	11.4	12.5	13.6	14.6	13.9
-87.5°	2.1	1.7	1.7	1.7	1.7	1.7	2.1	2.5	2.9	3.3	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: P559029 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4
85°	13.2	12.5	11.8	13.1	14.1	14.9	15.4	13.6	12.0	10.5	9.1
82.5°	37.6	36.1	34.6	34.8	34.9	34.9	34.4	30.2	26.3	22.6	19.6
80°	64.3	65.2	65.2	63.9	62.4	60.8	58.0	50.4	43.5	37.4	33.3
77.5°	96.1	95.6	94.8	92.6	90.3	88.2	83.8	72.6	61.7	51.9	46.6
75°	123.8	122.8	120.9	117.7	114.2	110.5	104.0	92.8	81.1	68.9	62.5
72.5°	150.2	148.7	146.1	142.0	137.7	133.2	126.9	117.1	105.1	90.7	83.5
70°	178.3	176.1	172.7	167.8	162.5	157.1	152.1	145.1	135.3	122.9	115.8
67.5°	210.6	206.8	203.1	197.9	192.8	186.3	181.9	176.0	168.5	158.0	150.1
65°	258.9	250.2	244.9	244.2	239.3	229.7	219.2	212.5	205.3	195.4	184.5
62.5°	323.1	319.3	309.5	299.0	290.8	284.0	271.2	257.0	244.8	233.6	220.5
60°	375.1	366.3	358.2	348.5	337.3	326.3	315.7	301.9	284.7	270.7	256.4
57.5°	420.5	411.9	406.5	397.2	384.1	372.9	361.3	347.3	330.4	310.1	292.3
55°	471.5	465.0	459.2	450.5	438.6	423.5	408.6	393.6	374.6	350.3	328.2
52.5°	532.2	524.2	515.6	506.3	492.4	473.7	456.0	438.3	416.3	390.0	363.2
50°	602.9	586.7	572.4	560.1	541.9	521.1	500.0	480.0	454.0	426.9	399.0
47.5°	656.0	642.1	626.0	608.3	587.7	565.4	541.8	516.6	489.4	461.2	431.8
45°	735.6	705.7	674.3	654.4	631.4	607.2	582.1	553.4	523.7	493.6	462.7
42.5°	942.5	830.4	757.8	716.0	677.5	650.3	619.9	588.9	557.3	525.1	492.4
40°	1545.5	1109.8	964.1	822.4	747.5	698.8	659.4	623.2	589.6	555.5	521.0
37.5°	2651.3	2033.9	1531.2	1076.8	907.5	764.8	705.5	658.7	620.5	584.9	548.6
35°	4040.4	3328.8	2504.7	1833.2	1216.5	949.9	766.5	700.8	652.0	613.5	575.2
32.5°	5247.1	4554.0	3757.8	2834.3	1986.0	1281.9	946.4	756.8	686.7	641.7	601.0
30°	6273.5	5633.1	4872.9	3953.0	2937.0	1980.8	1209.8	900.5	738.5	668.5	625.7
27.5°	7110.8	6536.4	5824.6	4987.9	3951.6	2827.7	1835.6	1079.2	816.4	708.7	649.0
25°	7879.9	7274.0	6606.2	5825.3	4882.2	3748.5	2520.4	1549.8	969.3	751.8	670.8
22.5°	8610.3	7966.7	7280.7	6524.0	5651.1	4567.7	3342.8	2073.5	1123.7	829.7	704.5
20°	9316.3	8607.1	7892.2	7106.1	6234.3	5289.6	4087.4	2701.1	1564.5	948.0	736.6
17.5°	10039.6	9227.8	8418.3	7618.1	6734.5	5786.1	4667.7	3332.1	1947.7	1054.6	764.4
15°	10724.7	9817.9	8924.7	8044.9	7161.4	6200.2	5152.2	3894.2	2328.0	1270.1	843.2
12.5°	11418.3	10362.8	9393.2	8406.7	7520.2	6545.7	5495.7	4277.8	2774.2	1534.0	921.4
10°	12046.5	10862.7	9787.6	8743.7	7787.7	6821.4	5771.8	4586.1	3141.2	1751.0	985.7
7.5°	12585.0	11297.4	10115.7	9018.4	8002.7	7051.4	6008.7	4832.1	3417.6	1918.7	1035.8
5°	13000.3	11615.0	10368.0	9243.6	8169.7	7208.3	6182.0	5011.2	3603.8	2036.4	1071.9
2.5°	13250.2	11807.5	10516.0	9383.2	8273.5	7297.7	6273.8	5125.8	3722.4	2112.3	1098.6
0°	13357.7	11865.7	10624.7	9477.6	8313.3	7335.2	6271.7	5169.0	3765.8	2140.6	1111.3
-2.5°	13250.2	11807.5	10516.0	9383.2	8273.5	7297.7	6273.8	5125.8	3722.4	2112.3	1098.6
-5°	13000.3	11615.0	10368.0	9243.6	8169.7	7208.3	6182.0	5011.2	3603.8	2036.4	1071.9
-7.5°	12585.0	11297.4	10115.7	9018.4	8002.7	7051.4	6008.7	4832.1	3417.6	1918.7	1035.8
-10°	12046.5	10862.7	9787.6	8743.7	7787.7	6821.4	5771.8	4586.1	3141.2	1751.0	985.7
-12.5°	11418.3	10362.8	9393.2	8406.7	7520.2	6545.7	5495.7	4277.8	2774.2	1534.0	921.4
-15°	10724.7	9817.9	8924.7	8044.9	7161.4	6200.2	5152.2	3894.2	2328.0	1270.1	843.2
-17.5°	10039.6	9227.8	8418.3	7618.1	6734.5	5786.1	4667.7	3332.1	1947.7	1054.6	764.4
-20°	9316.3	8607.1	7892.2	7106.1	6234.3	5289.6	4087.4	2701.1	1564.5	948.0	736.6



REPORT NUMBER: P559029 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	8610.3	7966.7	7280.7	6524.0	5651.1	4567.7	3342.8	2073.5	1123.7	829.7	704.5
-25°	7879.9	7274.0	6606.2	5825.3	4882.2	3748.5	2520.4	1549.8	969.3	751.8	670.8
-27.5°	7110.8	6536.4	5824.6	4987.9	3951.6	2827.7	1835.6	1079.2	816.4	708.7	649.0
-30°	6273.5	5633.1	4872.9	3953.0	2937.0	1980.8	1209.8	900.5	738.5	668.5	625.7
-32.5°	5247.1	4554.0	3757.8	2834.3	1986.0	1281.9	946.4	756.8	686.7	641.7	601.0
-35°	4040.4	3328.8	2504.7	1833.2	1216.5	949.9	766.5	700.8	652.0	613.5	575.2
-37.5°	2651.3	2033.9	1531.2	1076.8	907.5	764.8	705.5	658.7	620.5	584.9	548.6
-40°	1545.5	1109.8	964.1	822.4	747.5	698.8	659.4	623.2	589.6	555.5	521.0
-42.5°	942.5	830.4	757.8	716.0	677.5	650.3	619.9	588.9	557.3	525.1	492.4
-45°	735.6	705.7	674.3	654.4	631.4	607.2	582.1	553.4	523.7	493.6	462.7
-47.5°	656.0	642.1	626.0	608.3	587.7	565.4	541.8	516.6	489.4	461.2	431.8
-50°	602.9	586.7	572.4	560.1	541.9	521.1	500.0	480.0	454.0	426.9	399.0
-52.5°	532.2	524.2	515.6	506.3	492.4	473.7	456.0	438.3	416.3	390.0	363.2
-55°	471.5	465.0	459.2	450.5	438.6	423.5	408.6	393.6	374.6	350.3	328.2
-57.5°	420.5	411.9	406.5	397.2	384.1	372.9	361.3	347.3	330.4	310.1	292.3
-60°	375.1	366.3	358.2	348.5	337.3	326.3	315.7	301.9	284.7	270.7	256.4
-62.5°	323.1	319.3	309.5	299.0	290.8	284.0	271.2	257.0	244.8	233.6	220.5
-65°	258.9	250.2	244.9	244.2	239.3	229.7	219.2	212.5	205.3	195.4	184.5
-67.5°	210.6	206.8	203.1	197.9	192.8	186.3	181.9	176.0	168.5	158.0	150.1
-70°	178.3	176.1	172.7	167.8	162.5	157.1	152.1	145.1	135.3	122.9	115.8
-72.5°	150.2	148.7	146.1	142.0	137.7	133.2	126.9	117.1	105.1	90.7	83.5
-75°	123.8	122.8	120.9	117.7	114.2	110.5	104.0	92.8	81.1	68.9	62.5
-77.5°	96.1	95.6	94.8	92.6	90.3	88.2	83.8	72.6	61.7	51.9	46.6
-80°	64.3	65.2	65.2	63.9	62.4	60.8	58.0	50.4	43.5	37.4	33.3
-82.5°	37.6	36.1	34.6	34.8	34.9	34.9	34.4	30.2	26.3	22.6	19.6
-85°	13.2	12.5	11.8	13.1	14.1	14.9	15.4	13.6	12.0	10.5	9.1
-87.5°	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4
-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: P559029 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	2.9	3.3	3.6	3.9	4.1	4.3	4.3	4.3	4.1	3.8	3.5
85°	9.7	10.0	10.1	9.8	9.2	8.5	8.7	8.6	8.1	7.6	6.9
82.5°	20.4	21.2	21.6	21.6	20.2	18.8	17.3	15.7	14.0	11.7	10.3
80°	35.2	36.3	36.7	35.7	32.3	29.0	26.7	24.5	22.7	20.2	16.9
77.5°	50.1	52.4	53.3	52.1	47.5	42.8	38.2	34.0	31.5	28.7	25.0
75°	65.6	69.1	71.1	69.8	64.0	56.6	50.7	45.8	42.2	37.5	33.1
72.5°	85.1	86.8	88.7	88.4	83.2	75.8	66.2	57.7	53.7	48.4	41.8
70°	111.2	106.4	105.3	104.6	101.4	95.7	86.0	74.7	65.3	59.3	51.9
67.5°	143.2	136.5	129.6	122.3	118.5	113.3	105.7	92.4	80.1	70.4	62.1
65°	174.8	165.8	157.4	146.7	137.9	131.1	123.2	109.0	94.2	81.9	72.2
62.5°	207.1	193.9	182.5	170.1	158.4	148.9	140.5	124.4	107.8	92.9	81.4
60°	240.8	225.0	207.7	192.8	178.7	165.9	154.7	139.6	121.6	103.3	89.8
57.5°	275.2	256.5	235.5	215.9	199.0	183.4	168.2	152.8	135.1	115.0	97.2
55°	309.0	288.6	263.2	239.8	219.4	201.5	182.4	165.0	147.9	126.9	102.7
52.5°	339.2	317.9	292.6	264.4	239.9	218.9	197.7	177.0	158.8	138.5	110.0
50°	370.0	343.6	319.5	291.5	260.3	235.9	212.6	190.2	169.3	149.3	116.9
47.5°	402.0	371.2	343.0	316.7	285.0	252.5	227.6	203.2	179.7	158.5	123.0
45°	431.5	399.6	367.2	338.0	307.9	271.8	242.3	215.7	190.8	163.2	128.1
42.5°	459.4	426.1	392.3	358.7	327.1	290.8	256.4	228.4	201.5	166.8	131.8
40°	486.2	451.1	415.8	380.8	346.2	308.1	271.9	240.7	211.0	170.0	134.2
37.5°	511.7	474.9	437.9	401.9	365.8	326.0	286.1	252.5	215.7	173.5	135.9
35°	536.3	497.4	459.9	422.1	384.3	344.1	298.8	263.8	222.6	176.5	136.8
32.5°	559.8	519.4	480.8	441.7	401.7	362.4	313.2	274.1	230.9	178.8	137.0
30°	582.7	540.9	500.3	460.3	418.3	377.6	329.3	284.3	240.7	180.7	137.0
27.5°	604.6	560.7	518.6	477.4	434.4	391.6	345.0	294.2	251.7	184.2	138.0
25°	624.6	579.3	535.6	493.0	449.5	405.1	359.6	304.0	260.9	191.6	138.3
22.5°	643.2	596.1	550.9	507.3	464.2	418.1	371.9	316.0	268.4	199.3	138.2
20°	660.1	611.1	565.3	522.4	477.6	430.5	382.3	326.9	275.5	207.2	137.4
17.5°	677.0	626.7	581.9	536.7	490.0	441.7	392.1	336.6	282.0	214.9	136.1
15°	703.7	643.6	596.9	550.2	501.4	451.8	401.0	345.2	288.0	222.4	135.7
12.5°	727.6	658.7	610.5	562.7	511.9	460.6	409.1	352.5	293.3	227.5	136.3
10°	747.8	672.0	622.4	574.0	521.3	468.2	416.1	358.7	297.7	229.6	136.0
7.5°	764.4	683.3	632.7	584.0	529.9	475.5	422.7	364.0	302.0	229.9	134.9
5°	778.5	695.7	645.6	595.0	540.2	482.7	428.1	368.0	305.9	228.3	133.1
2.5°	794.7	710.7	659.9	604.8	549.1	488.7	432.4	370.7	308.9	225.0	130.8
0°	807.4	723.8	672.6	612.8	556.5	493.3	435.3	372.1	310.7	220.2	128.0
-2.5°	794.7	710.7	659.9	604.8	549.1	488.7	432.4	370.7	308.9	225.0	130.8
-5°	778.5	695.7	645.6	595.0	540.2	482.7	428.1	368.0	305.9	228.3	133.1
-7.5°	764.4	683.3	632.7	584.0	529.9	475.5	422.7	364.0	302.0	229.9	134.9
-10°	747.8	672.0	622.4	574.0	521.3	468.2	416.1	358.7	297.7	229.6	136.0
-12.5°	727.6	658.7	610.5	562.7	511.9	460.6	409.1	352.5	293.3	227.5	136.3
-15°	703.7	643.6	596.9	550.2	501.4	451.8	401.0	345.2	288.0	222.4	135.7
-17.5°	677.0	626.7	581.9	536.7	490.0	441.7	392.1	336.6	282.0	214.9	136.1
-20°	660.1	611.1	565.3	522.4	477.6	430.5	382.3	326.9	275.5	207.2	137.4



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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°	643.2	596.1	550.9	507.3	464.2	418.1	371.9	316.0	268.4	199.3	138.2
-25°	624.6	579.3	535.6	493.0	449.5	405.1	359.6	304.0	260.9	191.6	138.3
-27.5°	604.6	560.7	518.6	477.4	434.4	391.6	345.0	294.2	251.7	184.2	138.0
-30°	582.7	540.9	500.3	460.3	418.3	377.6	329.3	284.3	240.7	180.7	137.0
-32.5°	559.8	519.4	480.8	441.7	401.7	362.4	313.2	274.1	230.9	178.8	137.0
-35°	536.3	497.4	459.9	422.1	384.3	344.1	298.8	263.8	222.6	176.5	136.8
-37.5°	511.7	474.9	437.9	401.9	365.8	326.0	286.1	252.5	215.7	173.5	135.9
-40°	486.2	451.1	415.8	380.8	346.2	308.1	271.9	240.7	211.0	170.0	134.2
-42.5°	459.4	426.1	392.3	358.7	327.1	290.8	256.4	228.4	201.5	166.8	131.8
-45°	431.5	399.6	367.2	338.0	307.9	271.8	242.3	215.7	190.8	163.2	128.1
-47.5°	402.0	371.2	343.0	316.7	285.0	252.5	227.6	203.2	179.7	158.5	123.0
-50°	370.0	343.6	319.5	291.5	260.3	235.9	212.6	190.2	169.3	149.3	116.9
-52.5°	339.2	317.9	292.6	264.4	239.9	218.9	197.7	177.0	158.8	138.5	110.0
-55°	309.0	288.6	263.2	239.8	219.4	201.5	182.4	165.0	147.9	126.9	102.7
-57.5°	275.2	256.5	235.5	215.9	199.0	183.4	168.2	152.8	135.1	115.0	97.2
-60°	240.8	225.0	207.7	192.8	178.7	165.9	154.7	139.6	121.6	103.3	89.8
-62.5°	207.1	193.9	182.5	170.1	158.4	148.9	140.5	124.4	107.8	92.9	81.4
-65°	174.8	165.8	157.4	146.7	137.9	131.1	123.2	109.0	94.2	81.9	72.2
-67.5°	143.2	136.5	129.6	122.3	118.5	113.3	105.7	92.4	80.1	70.4	62.1
-70°	111.2	106.4	105.3	104.6	101.4	95.7	86.0	74.7	65.3	59.3	51.9
-72.5°	85.1	86.8	88.7	88.4	83.2	75.8	66.2	57.7	53.7	48.4	41.8
-75°	65.6	69.1	71.1	69.8	64.0	56.6	50.7	45.8	42.2	37.5	33.1
-77.5°	50.1	52.4	53.3	52.1	47.5	42.8	38.2	34.0	31.5	28.7	25.0
-80°	35.2	36.3	36.7	35.7	32.3	29.0	26.7	24.5	22.7	20.2	16.9
-82.5°	20.4	21.2	21.6	21.6	20.2	18.8	17.3	15.7	14.0	11.7	10.3
-85°	9.7	10.0	10.1	9.8	9.2	8.5	8.7	8.6	8.1	7.6	6.9
-87.5°	2.9	3.3	3.6	3.9	4.1	4.3	4.3	4.3	4.1	3.8	3.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	3.1	2.4	1.8	1.2	0.7	0.4	0.0
85°	6.1	4.8	3.5	2.4	1.5	0.7	0.0
82.5°	9.2	7.1	5.3	3.6	2.2	1.1	0.0
80°	12.7	9.5	7.0	4.8	2.9	1.5	0.0
77.5°	20.0	12.9	8.7	6.0	3.7	1.8	0.0
75°	27.1	18.5	10.8	7.2	4.4	2.2	0.0
72.5°	34.1	23.9	14.9	8.3	5.1	2.6	0.0
70°	41.1	29.2	18.8	9.7	5.8	2.9	0.0
67.5°	49.1	34.3	22.6	12.4	6.5	3.3	0.0
65°	56.9	39.8	26.3	15.0	7.2	3.6	0.0
62.5°	64.3	45.5	29.8	17.4	7.8	3.9	0.0
60°	71.3	51.0	33.2	19.8	8.5	4.2	0.0
57.5°	76.1	56.2	37.1	22.1	10.0	4.6	0.0
55°	80.2	61.1	40.8	24.3	11.5	4.9	0.0
52.5°	83.6	65.3	44.3	26.4	12.9	5.2	0.0
50°	86.5	67.4	47.5	28.3	14.2	5.5	0.0
47.5°	89.1	69.1	50.5	30.2	15.5	5.7	0.0
45°	93.5	70.3	53.2	32.3	16.8	6.0	0.0
42.5°	97.1	71.1	55.7	34.1	18.0	6.3	0.0
40°	100.1	71.5	57.0	36.1	19.1	6.5	0.0
37.5°	102.4	71.5	57.1	38.1	20.1	6.7	0.0
35°	104.1	72.4	57.1	40.1	21.1	7.0	0.0
32.5°	104.9	73.6	56.7	42.0	22.0	7.2	0.0
30°	104.8	74.2	56.2	43.8	22.9	7.4	0.0
27.5°	104.2	74.4	56.8	45.6	23.7	7.5	0.0
25°	103.0	74.2	57.4	47.3	24.4	7.7	0.0
22.5°	101.4	74.4	58.0	48.9	25.0	7.9	0.0
20°	99.3	76.3	58.4	50.4	25.5	8.0	0.0
17.5°	99.4	78.0	58.8	51.8	26.0	8.1	0.0
15°	100.9	79.5	59.1	53.1	26.4	8.2	0.0
12.5°	102.1	80.7	59.3	54.3	26.8	8.3	0.0
10°	103.0	81.8	59.5	55.3	27.0	8.4	0.0
7.5°	103.7	82.6	59.6	56.2	27.2	8.4	0.0
5°	104.1	83.1	59.7	57.0	27.3	8.5	0.0
2.5°	104.2	83.5	59.7	57.6	27.3	8.5	0.0
0°	104.1	83.6	59.7	58.0	27.3	8.5	0.0
-2.5°	104.2	83.5	59.7	57.6	27.3	8.5	0.0
-5°	104.1	83.1	59.7	57.0	27.3	8.5	0.0
-7.5°	103.7	82.6	59.6	56.2	27.2	8.4	0.0
-10°	103.0	81.8	59.5	55.3	27.0	8.4	0.0
-12.5°	102.1	80.7	59.3	54.3	26.8	8.3	0.0
-15°	100.9	79.5	59.1	53.1	26.4	8.2	0.0
-17.5°	99.4	78.0	58.8	51.8	26.0	8.1	0.0
-20°	99.3	76.3	58.4	50.4	25.5	8.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	101.4	74.4	58.0	48.9	25.0	7.9	0.0
-25°	103.0	74.2	57.4	47.3	24.4	7.7	0.0
-27.5°	104.2	74.4	56.8	45.6	23.7	7.5	0.0
-30°	104.8	74.2	56.2	43.8	22.9	7.4	0.0
-32.5°	104.9	73.6	56.7	42.0	22.0	7.2	0.0
-35°	104.1	72.4	57.1	40.1	21.1	7.0	0.0
-37.5°	102.4	71.5	57.1	38.1	20.1	6.7	0.0
-40°	100.1	71.5	57.0	36.1	19.1	6.5	0.0
-42.5°	97.1	71.1	55.7	34.1	18.0	6.3	0.0
-45°	93.5	70.3	53.2	32.3	16.8	6.0	0.0
-47.5°	89.1	69.1	50.5	30.2	15.5	5.7	0.0
-50°	86.5	67.4	47.5	28.3	14.2	5.5	0.0
-52.5°	83.6	65.3	44.3	26.4	12.9	5.2	0.0
-55°	80.2	61.1	40.8	24.3	11.5	4.9	0.0
-57.5°	76.1	56.2	37.1	22.1	10.0	4.6	0.0
-60°	71.3	51.0	33.2	19.8	8.5	4.2	0.0
-62.5°	64.3	45.5	29.8	17.4	7.8	3.9	0.0
-65°	56.9	39.8	26.3	15.0	7.2	3.6	0.0
-67.5°	49.1	34.3	22.6	12.4	6.5	3.3	0.0
-70°	41.1	29.2	18.8	9.7	5.8	2.9	0.0
-72.5°	34.1	23.9	14.9	8.3	5.1	2.6	0.0
-75°	27.1	18.5	10.8	7.2	4.4	2.2	0.0
-77.5°	20.0	12.9	8.7	6.0	3.7	1.8	0.0
-80°	12.7	9.5	7.0	4.8	2.9	1.5	0.0
-82.5°	9.2	7.1	5.3	3.6	2.2	1.1	0.0
-85°	6.1	4.8	3.5	2.4	1.5	0.7	0.0
-87.5°	3.1	2.4	1.8	1.2	0.7	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)