

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: P558917 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-930-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558917 (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-SA4C-930-U-MWR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (64) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

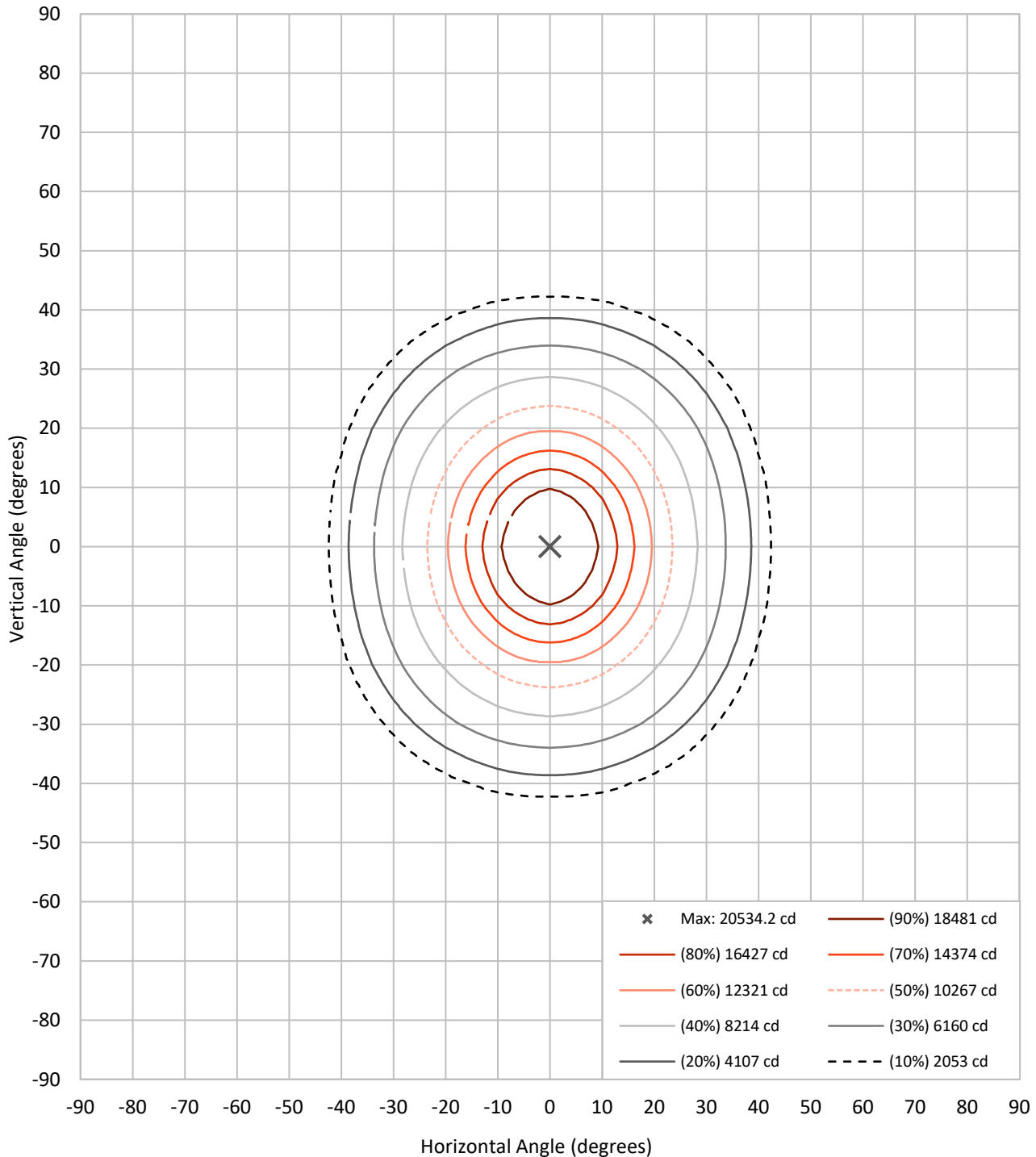
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	15984.7 lumens	Max Intensity:	20534.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	97.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	7542.7 lumens	Field Lumens:	14514.1 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 164
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: P558917 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





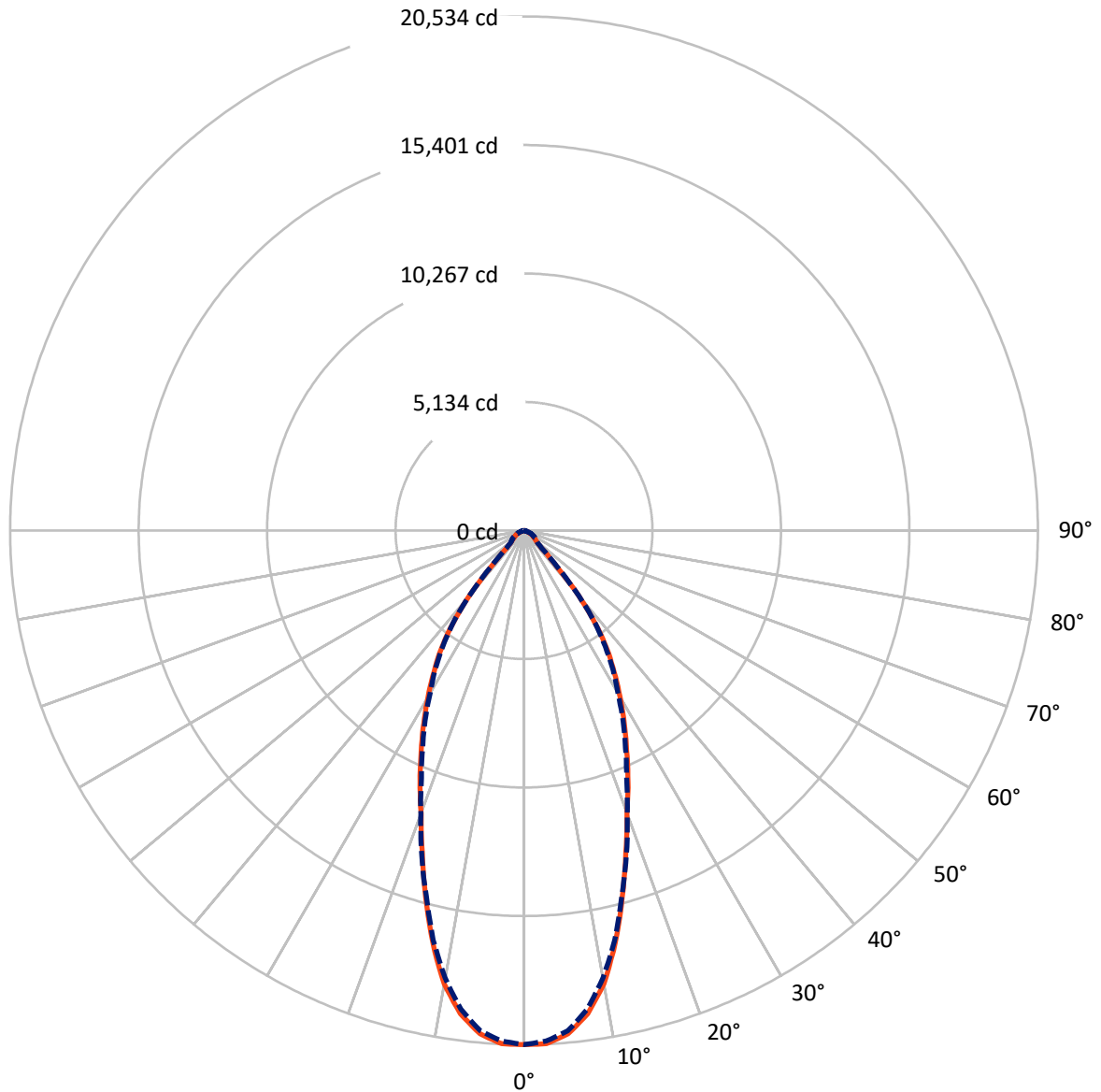
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Lumen Table

90																
80	0.3	2.0		4.4		7.2		5.6		7.2		4.4		2.0		0.3
70																
60	1.1	1.3	2.3	3.6	5.1	6.4	7.3	7.9	7.9	7.3	6.4	5.1	3.6	2.3	1.3	1.1
50		1.9	3.8	6.4	9.2	11.5	13.1	14.5	14.5	13.1	11.5	9.2	6.4	3.8	1.9	
40	1.7	2.5	5.3	9.0	13.1	17.9	28.4	39.8	39.8	28.4	17.9	13.1	9.0	5.3	2.5	1.7
30		3.1	6.7	11.2	21.1	67.4	131.2	167.1	167.1	131.2	67.4	21.1	11.2	6.7	3.1	
20	1.9	3.6	7.8	14.0	61.6	160.9	237.5	287.5	287.5	237.5	160.9	61.6	14.0	7.8	3.6	1.9
10		4.0	8.7	21.5	112.0	222.1	337.5	439.3	439.3	337.5	222.1	112.0	21.5	8.7	4.0	
0	1.9	4.3	9.4	29.7	136.4	259.2	424.5	574.1	574.1	424.5	259.2	136.4	29.7	9.4	4.3	1.9
-10		4.3	9.4	29.7	136.4	259.2	424.5	574.1	574.1	424.5	259.2	136.4	29.7	9.4	4.3	
-20	1.9	4.0	8.7	21.5	112.0	222.1	337.5	439.3	439.3	337.5	222.1	112.0	21.5	8.7	4.0	1.9
-30		3.6	7.8	14.0	61.6	160.9	237.5	287.5	287.5	237.5	160.9	61.6	14.0	7.8	3.6	
-40	1.7	3.1	6.7	11.2	21.1	67.4	131.2	167.1	167.1	131.2	67.4	21.1	11.2	6.7	3.1	1.7
-50		2.5	5.3	9.0	13.1	17.9	28.4	39.8	39.8	28.4	17.9	13.1	9.0	5.3	2.5	
-60	1.1	1.9	3.8	6.4	9.2	11.5	13.1	14.5	14.5	13.1	11.5	9.2	6.4	3.8	1.9	1.1
-70		1.3	2.3	3.6	5.1	6.4	7.3	7.9	7.9	7.3	6.4	5.1	3.6	2.3	1.3	
-80																
-90	0.3	2.0		4.4		7.2		5.6		7.2		4.4		2.0		0.3

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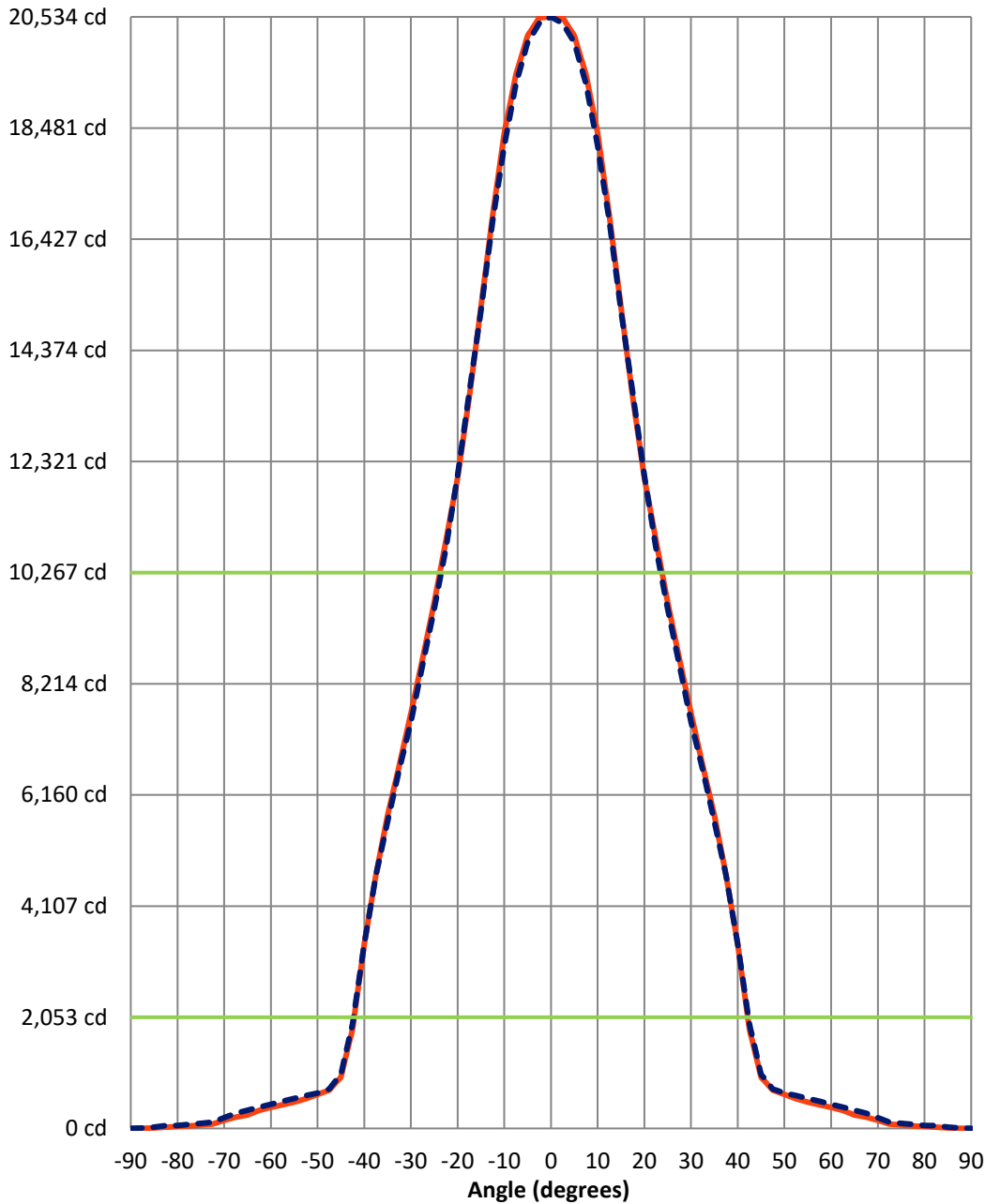
Luminous Intensity Polar Plot



— 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: 7542.7
 Efficiency: 47.2%

Field:
 H Angle: 84.6°
 V Angle: 84.3°
 Lumens: 14514.1
 Efficiency: 90.8%

Spill:
 Lumens: 1470.6
 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	0.3	0.7	1.1	1.6	2.2	2.8	3.1	3.4	3.7	3.9
85°	0.0	0.7	1.3	2.2	3.2	4.3	5.6	6.3	6.8	7.3	7.8
82.5°	0.0	1.0	2.0	3.3	4.8	6.5	8.3	9.4	10.6	12.6	14.2
80°	0.0	1.3	2.7	4.4	6.4	8.6	11.5	15.3	18.2	20.5	22.1
77.5°	0.0	1.7	3.3	5.5	7.9	11.7	18.1	22.6	25.9	28.4	30.7
75°	0.0	2.0	4.0	6.5	9.8	16.7	24.5	29.9	33.8	38.1	41.3
72.5°	0.0	2.3	4.6	7.5	13.4	21.6	30.8	37.7	43.7	48.5	52.1
70°	0.0	2.6	5.3	8.8	17.0	26.4	37.1	46.9	53.6	59.0	67.5
67.5°	0.0	2.9	5.9	11.2	20.4	31.0	44.4	56.1	63.6	72.3	83.5
65°	0.0	3.3	6.5	13.5	23.8	35.9	51.4	65.3	74.0	85.1	98.5
62.5°	0.0	3.6	7.1	15.8	27.0	41.1	58.1	73.6	83.9	97.3	112.4
60°	0.0	3.8	7.7	17.9	30.0	46.1	64.4	81.2	93.4	109.8	126.1
57.5°	0.0	4.1	9.0	20.0	33.5	50.8	68.8	87.9	103.9	122.1	138.0
55°	0.0	4.4	10.4	22.0	36.9	55.2	72.4	92.8	114.7	133.6	149.1
52.5°	0.0	4.7	11.6	23.8	40.0	59.0	75.6	99.4	125.1	143.4	159.9
50°	0.0	4.9	12.9	25.6	42.9	60.9	78.2	105.6	134.9	153.0	171.8
47.5°	0.0	5.2	14.0	27.3	45.6	62.4	80.6	111.1	143.2	162.3	183.5
45°	0.0	5.4	15.2	29.1	48.1	63.6	84.5	115.7	147.4	172.3	194.7
42.5°	0.0	5.7	16.2	30.8	50.3	64.3	87.8	119.0	150.7	182.0	206.2
40°	0.0	5.9	17.2	32.6	51.5	64.7	90.4	121.2	153.6	190.6	217.3
37.5°	0.0	6.1	18.2	34.4	51.6	64.7	92.5	122.7	156.7	194.7	228.0
35°	0.0	6.3	19.1	36.2	51.6	65.5	94.0	123.6	159.4	201.0	238.2
32.5°	0.0	6.5	19.9	37.9	51.3	66.5	94.7	123.8	161.5	208.5	247.5
30°	0.0	6.7	20.7	39.6	50.8	67.1	94.7	123.8	163.2	217.4	256.7
27.5°	0.0	6.8	21.4	41.2	51.3	67.3	94.1	124.6	166.3	227.3	265.7
25°	0.0	7.0	22.0	42.7	51.9	67.0	93.1	125.0	173.0	235.6	274.5
22.5°	0.0	7.1	22.6	44.2	52.4	67.2	91.6	124.8	180.0	242.4	285.4
20°	0.0	7.2	23.1	45.6	52.8	68.9	89.7	124.2	187.1	248.8	295.2
17.5°	0.0	7.3	23.5	46.8	53.2	70.4	89.8	123.0	194.1	254.7	304.0
15°	0.0	7.4	23.9	48.0	53.4	71.8	91.1	122.6	200.9	260.0	311.7
12.5°	0.0	7.5	24.2	49.1	53.7	72.9	92.2	123.1	205.5	264.8	318.3
10°	0.0	7.6	24.4	50.0	53.8	73.8	93.0	122.8	207.4	268.8	324.0
7.5°	0.0	7.6	24.6	50.8	53.9	74.6	93.6	121.8	207.6	272.7	328.8
5°	0.0	7.7	24.7	51.5	54.0	75.1	94.0	120.2	206.2	276.2	332.4
2.5°	0.0	7.7	24.7	52.0	54.0	75.4	94.1	118.1	203.3	278.9	334.8
0°	0.0	7.7	24.7	52.4	54.0	75.5	94.0	115.6	198.9	280.6	336.1
-2.5°	0.0	7.7	24.7	52.0	54.0	75.4	94.1	118.1	203.3	278.9	334.8
-5°	0.0	7.7	24.7	51.5	54.0	75.1	94.0	120.2	206.2	276.2	332.4
-7.5°	0.0	7.6	24.6	50.8	53.9	74.6	93.6	121.8	207.6	272.7	328.8
-10°	0.0	7.6	24.4	50.0	53.8	73.8	93.0	122.8	207.4	268.8	324.0
-12.5°	0.0	7.5	24.2	49.1	53.7	72.9	92.2	123.1	205.5	264.8	318.3
-15°	0.0	7.4	23.9	48.0	53.4	71.8	91.1	122.6	200.9	260.0	311.7
-17.5°	0.0	7.3	23.5	46.8	53.2	70.4	89.8	123.0	194.1	254.7	304.0
-20°	0.0	7.2	23.1	45.6	52.8	68.9	89.7	124.2	187.1	248.8	295.2



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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	7.1	22.6	44.2	52.4	67.2	91.6	124.8	180.0	242.4	285.4
-25°	0.0	7.0	22.0	42.7	51.9	67.0	93.1	125.0	173.0	235.6	274.5
-27.5°	0.0	6.8	21.4	41.2	51.3	67.3	94.1	124.6	166.3	227.3	265.7
-30°	0.0	6.7	20.7	39.6	50.8	67.1	94.7	123.8	163.2	217.4	256.7
-32.5°	0.0	6.5	19.9	37.9	51.3	66.5	94.7	123.8	161.5	208.5	247.5
-35°	0.0	6.3	19.1	36.2	51.6	65.5	94.0	123.6	159.4	201.0	238.2
-37.5°	0.0	6.1	18.2	34.4	51.6	64.7	92.5	122.7	156.7	194.7	228.0
-40°	0.0	5.9	17.2	32.6	51.5	64.7	90.4	121.2	153.6	190.6	217.3
-42.5°	0.0	5.7	16.2	30.8	50.3	64.3	87.8	119.0	150.7	182.0	206.2
-45°	0.0	5.4	15.2	29.1	48.1	63.6	84.5	115.7	147.4	172.3	194.7
-47.5°	0.0	5.2	14.0	27.3	45.6	62.4	80.6	111.1	143.2	162.3	183.5
-50°	0.0	4.9	12.9	25.6	42.9	60.9	78.2	105.6	134.9	153.0	171.8
-52.5°	0.0	4.7	11.6	23.8	40.0	59.0	75.6	99.4	125.1	143.4	159.9
-55°	0.0	4.4	10.4	22.0	36.9	55.2	72.4	92.8	114.7	133.6	149.1
-57.5°	0.0	4.1	9.0	20.0	33.5	50.8	68.8	87.9	103.9	122.1	138.0
-60°	0.0	3.8	7.7	17.9	30.0	46.1	64.4	81.2	93.4	109.8	126.1
-62.5°	0.0	3.6	7.1	15.8	27.0	41.1	58.1	73.6	83.9	97.3	112.4
-65°	0.0	3.3	6.5	13.5	23.8	35.9	51.4	65.3	74.0	85.1	98.5
-67.5°	0.0	2.9	5.9	11.2	20.4	31.0	44.4	56.1	63.6	72.3	83.5
-70°	0.0	2.6	5.3	8.8	17.0	26.4	37.1	46.9	53.6	59.0	67.5
-72.5°	0.0	2.3	4.6	7.5	13.4	21.6	30.8	37.7	43.7	48.5	52.1
-75°	0.0	2.0	4.0	6.5	9.8	16.7	24.5	29.9	33.8	38.1	41.3
-77.5°	0.0	1.7	3.3	5.5	7.9	11.7	18.1	22.6	25.9	28.4	30.7
-80°	0.0	1.3	2.7	4.4	6.4	8.6	11.5	15.3	18.2	20.5	22.1
-82.5°	0.0	1.0	2.0	3.3	4.8	6.5	8.3	9.4	10.6	12.6	14.2
-85°	0.0	0.7	1.3	2.2	3.2	4.3	5.6	6.3	6.8	7.3	7.8
-87.5°	0.0	0.3	0.7	1.1	1.6	2.2	2.8	3.1	3.4	3.7	3.9
-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°	3.9	3.9	3.7	3.6	3.3	3.0	2.6	2.2	2.3	2.4	2.5
85°	7.8	7.7	8.3	8.9	9.1	9.1	8.8	8.2	9.4	10.8	12.3
82.5°	15.6	17.0	18.3	19.5	19.6	19.1	18.4	17.7	20.4	23.7	27.3
80°	24.1	26.2	29.2	32.3	33.1	32.8	31.8	30.1	33.9	39.3	45.5
77.5°	34.5	38.7	42.9	47.1	48.2	47.4	45.3	42.1	46.9	55.7	65.6
75°	45.8	51.1	57.8	63.1	64.2	62.3	59.2	56.5	62.3	73.3	83.8
72.5°	59.8	68.5	75.1	79.7	80.1	78.4	76.9	75.5	81.9	94.9	105.8
70°	77.7	86.4	91.5	94.4	95.0	96.1	100.5	104.6	111.0	122.2	131.0
67.5°	95.4	102.3	107.0	110.3	117.0	123.3	129.4	135.6	142.7	152.2	158.9
65°	111.2	118.3	124.5	132.5	142.2	149.8	157.9	166.6	176.5	185.4	191.9
62.5°	126.9	134.4	143.1	153.6	164.9	175.1	187.0	199.2	210.9	221.0	232.1
60°	139.7	149.9	161.4	174.1	187.6	203.2	217.5	231.6	244.4	257.0	272.6
57.5°	151.9	165.7	179.7	194.9	212.7	231.7	248.5	263.9	280.1	298.4	313.6
55°	164.7	182.0	198.1	216.6	237.7	260.6	279.0	296.4	316.3	338.3	355.4
52.5°	178.5	197.6	216.6	238.8	264.3	287.0	306.3	327.9	352.2	376.0	395.8
50°	191.9	213.0	235.0	263.2	288.5	310.2	334.1	360.3	385.6	410.0	433.5
47.5°	205.5	228.0	257.3	286.0	309.7	335.2	363.1	390.0	416.5	442.0	466.5
45°	218.7	245.4	278.0	305.2	331.6	360.9	389.7	417.9	445.8	472.9	499.7
42.5°	231.5	262.6	295.3	323.9	354.2	384.8	414.9	444.7	474.2	503.3	531.9
40°	245.5	278.2	312.7	343.8	375.5	407.4	439.1	470.6	501.7	532.5	562.7
37.5°	258.4	294.4	330.3	362.9	395.5	428.9	462.1	495.5	528.3	560.3	594.8
35°	269.9	310.8	347.0	381.2	415.3	449.2	484.4	519.5	554.0	588.8	632.8
32.5°	282.9	327.3	362.8	398.9	434.2	469.1	505.6	542.7	579.4	620.1	683.5
30°	297.4	341.0	377.7	415.7	451.9	488.5	526.3	565.0	603.6	666.9	813.2
27.5°	311.6	353.7	392.3	431.1	468.4	506.4	546.0	586.1	640.0	737.3	974.6
25°	324.8	365.9	405.9	445.2	483.7	523.2	564.1	605.7	678.9	875.4	1399.6
22.5°	335.9	377.6	419.3	458.2	497.6	538.4	580.9	636.2	749.3	1014.8	1872.5
20°	345.3	388.8	431.3	471.8	510.6	551.9	596.1	665.2	856.2	1412.9	2439.3
17.5°	354.1	398.9	442.5	484.8	525.5	566.0	611.4	690.3	952.4	1758.9	3009.1
15°	362.1	408.0	452.9	496.9	539.1	581.2	635.4	761.4	1147.0	2102.4	3516.7
12.5°	369.4	416.0	462.3	508.2	551.3	594.8	657.1	832.1	1385.4	2505.3	3863.1
10°	375.8	422.8	470.8	518.4	562.0	606.8	675.4	890.2	1581.3	2836.7	4141.6
7.5°	381.7	429.4	478.6	527.4	571.3	617.0	690.3	935.5	1732.7	3086.3	4363.7
5°	386.6	435.9	487.9	537.4	583.0	628.2	703.1	968.0	1839.1	3254.5	4525.6
2.5°	390.5	441.3	495.9	546.2	595.9	641.8	717.8	992.1	1907.6	3361.7	4629.1
0°	393.1	445.5	502.6	553.4	607.4	653.6	729.2	1003.6	1933.2	3400.8	4668.0
-2.5°	390.5	441.3	495.9	546.2	595.9	641.8	717.8	992.1	1907.6	3361.7	4629.1
-5°	386.6	435.9	487.9	537.4	583.0	628.2	703.1	968.0	1839.1	3254.5	4525.6
-7.5°	381.7	429.4	478.6	527.4	571.3	617.0	690.3	935.5	1732.7	3086.3	4363.7
-10°	375.8	422.8	470.8	518.4	562.0	606.8	675.4	890.2	1581.3	2836.7	4141.6
-12.5°	369.4	416.0	462.3	508.2	551.3	594.8	657.1	832.1	1385.4	2505.3	3863.1
-15°	362.1	408.0	452.9	496.9	539.1	581.2	635.4	761.4	1147.0	2102.4	3516.7
-17.5°	354.1	398.9	442.5	484.8	525.5	566.0	611.4	690.3	952.4	1758.9	3009.1
-20°	345.3	388.8	431.3	471.8	510.6	551.9	596.1	665.2	856.2	1412.9	2439.3



REPORT NUMBER: P558917 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-930-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°	335.9	377.6	419.3	458.2	497.6	538.4	580.9	636.2	749.3	1014.8	1872.5
-25°	324.8	365.9	405.9	445.2	483.7	523.2	564.1	605.7	678.9	875.4	1399.6
-27.5°	311.6	353.7	392.3	431.1	468.4	506.4	546.0	586.1	640.0	737.3	974.6
-30°	297.4	341.0	377.7	415.7	451.9	488.5	526.3	565.0	603.6	666.9	813.2
-32.5°	282.9	327.3	362.8	398.9	434.2	469.1	505.6	542.7	579.4	620.1	683.5
-35°	269.9	310.8	347.0	381.2	415.3	449.2	484.4	519.5	554.0	588.8	632.8
-37.5°	258.4	294.4	330.3	362.9	395.5	428.9	462.1	495.5	528.3	560.3	594.8
-40°	245.5	278.2	312.7	343.8	375.5	407.4	439.1	470.6	501.7	532.5	562.7
-42.5°	231.5	262.6	295.3	323.9	354.2	384.8	414.9	444.7	474.2	503.3	531.9
-45°	218.7	245.4	278.0	305.2	331.6	360.9	389.7	417.9	445.8	472.9	499.7
-47.5°	205.5	228.0	257.3	286.0	309.7	335.2	363.1	390.0	416.5	442.0	466.5
-50°	191.9	213.0	235.0	263.2	288.5	310.2	334.1	360.3	385.6	410.0	433.5
-52.5°	178.5	197.6	216.6	238.8	264.3	287.0	306.3	327.9	352.2	376.0	395.8
-55°	164.7	182.0	198.1	216.6	237.7	260.6	279.0	296.4	316.3	338.3	355.4
-57.5°	151.9	165.7	179.7	194.9	212.7	231.7	248.5	263.9	280.1	298.4	313.6
-60°	139.7	149.9	161.4	174.1	187.6	203.2	217.5	231.6	244.4	257.0	272.6
-62.5°	126.9	134.4	143.1	153.6	164.9	175.1	187.0	199.2	210.9	221.0	232.1
-65°	111.2	118.3	124.5	132.5	142.2	149.8	157.9	166.6	176.5	185.4	191.9
-67.5°	95.4	102.3	107.0	110.3	117.0	123.3	129.4	135.6	142.7	152.2	158.9
-70°	77.7	86.4	91.5	94.4	95.0	96.1	100.5	104.6	111.0	122.2	131.0
-72.5°	59.8	68.5	75.1	79.7	80.1	78.4	76.9	75.5	81.9	94.9	105.8
-75°	45.8	51.1	57.8	63.1	64.2	62.3	59.2	56.5	62.3	73.3	83.8
-77.5°	34.5	38.7	42.9	47.1	48.2	47.4	45.3	42.1	46.9	55.7	65.6
-80°	24.1	26.2	29.2	32.3	33.1	32.8	31.8	30.1	33.9	39.3	45.5
-82.5°	15.6	17.0	18.3	19.5	19.6	19.1	18.4	17.7	20.4	23.7	27.3
-85°	7.8	7.7	8.3	8.9	9.1	9.1	8.8	8.2	9.4	10.8	12.3
-87.5°	3.9	3.9	3.7	3.6	3.3	3.0	2.6	2.2	2.3	2.4	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: P558917 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-930-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°	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3.0	3.0	2.6	2.3
85°	13.8	13.4	12.7	11.8	10.6	11.2	11.9	12.5	13.2	12.3	11.3
82.5°	31.1	31.5	31.5	31.4	31.2	32.6	33.9	35.0	36.0	33.2	30.0
80°	52.4	54.9	56.3	57.7	58.8	58.8	58.1	56.7	54.7	50.1	44.9
77.5°	75.7	79.6	81.6	83.6	85.6	86.3	86.8	87.3	87.8	79.7	69.3
75°	93.9	99.8	103.2	106.3	109.2	110.9	111.8	112.4	112.6	102.8	90.2
72.5°	114.5	120.3	124.3	128.2	131.8	134.2	135.6	136.7	137.4	128.8	116.7
70°	137.3	141.8	146.7	151.5	155.9	159.0	161.0	162.6	163.8	163.0	162.4
67.5°	164.2	168.2	174.1	178.7	183.4	186.7	190.1	192.9	194.9	197.2	199.7
65°	198.0	207.5	216.1	220.5	221.2	225.9	233.7	238.8	241.3	243.3	245.8
62.5°	244.9	256.5	262.6	270.0	279.6	288.4	291.8	296.3	301.8	308.3	315.9
60°	285.1	294.7	304.6	314.8	323.5	330.8	338.8	346.7	353.9	360.4	366.8
57.5°	326.3	336.7	346.8	358.7	367.1	372.0	379.7	389.2	396.5	402.2	410.8
55°	369.0	382.5	396.1	406.9	414.7	419.9	425.8	434.9	440.3	442.4	452.4
52.5°	411.8	427.8	444.7	457.3	465.6	473.4	480.6	488.6	494.1	496.8	506.5
50°	451.5	470.6	489.4	505.8	516.9	529.8	544.4	551.7	556.3	561.5	572.4
47.5°	489.3	510.6	530.8	549.3	565.4	579.9	592.4	604.6	622.4	636.6	650.7
45°	525.7	548.4	570.2	591.0	609.0	637.3	664.4	687.4	748.9	800.6	840.0
42.5°	559.8	587.3	611.8	646.6	684.4	750.0	851.2	945.0	1126.5	1360.1	1555.2
40°	595.5	631.1	675.0	742.7	870.7	1002.3	1395.7	1746.3	2091.1	2483.2	2819.2
37.5°	637.1	690.7	819.5	972.4	1382.8	1836.7	2394.3	2941.6	3418.2	3825.9	4166.4
35°	692.2	857.8	1098.5	1655.6	2261.9	3006.2	3648.8	4163.5	4634.3	5012.1	5296.5
32.5°	854.7	1157.6	1793.5	2559.6	3393.6	4112.7	4738.6	5231.4	5660.8	5999.4	6263.1
30°	1092.5	1788.8	2652.4	3569.8	4400.6	5087.2	5665.4	6135.2	6518.6	6863.2	7152.4
27.5°	1657.7	2553.7	3568.6	4504.4	5260.0	5902.8	6421.7	6887.0	7309.6	7672.4	8014.5
25°	2276.1	3385.2	4409.0	5260.7	5965.9	6569.0	7116.2	7625.2	8098.3	8522.9	8920.8
22.5°	3018.8	4125.0	5103.4	5891.7	6575.0	7194.6	7775.7	8342.2	8893.0	9411.2	9892.5
20°	3691.3	4776.9	5630.1	6417.4	7127.3	7772.9	8413.3	9073.6	9709.2	10333.4	10913.0
17.5°	4215.3	5225.2	6081.8	6879.8	7602.4	8333.5	9066.5	9824.8	10591.5	11316.4	12009.7
15°	4652.8	5599.2	6467.3	7265.2	8059.7	8866.4	9685.3	10578.6	11490.6	12358.2	13241.9
12.5°	4963.0	5911.3	6791.4	7592.0	8482.8	9358.4	10311.7	11329.8	12383.0	13393.7	14479.2
10°	5212.4	6160.3	7032.9	7896.2	8838.9	9809.8	10879.0	12000.4	13257.2	14453.9	15623.5
7.5°	5426.3	6368.0	7227.0	8144.3	9135.3	10202.5	11365.3	12633.1	13993.2	15324.8	16717.0
5°	5582.9	6509.6	7377.9	8347.7	9363.1	10489.3	11740.3	13095.0	14553.6	16012.7	17389.5
2.5°	5665.8	6590.4	7471.6	8473.9	9496.7	10663.1	11966.0	13401.9	14942.6	16534.7	17892.1
0°	5663.9	6624.3	7507.6	8559.0	9594.9	10715.7	12063.1	13598.5	15101.6	16755.7	18149.3
-2.5°	5665.8	6590.4	7471.6	8473.9	9496.7	10663.1	11966.0	13401.9	14942.6	16534.7	17892.1
-5°	5582.9	6509.6	7377.9	8347.7	9363.1	10489.3	11740.3	13095.0	14553.6	16012.7	17389.5
-7.5°	5426.3	6368.0	7227.0	8144.3	9135.3	10202.5	11365.3	12633.1	13993.2	15324.8	16717.0
-10°	5212.4	6160.3	7032.9	7896.2	8838.9	9809.8	10879.0	12000.4	13257.2	14453.9	15623.5
-12.5°	4963.0	5911.3	6791.4	7592.0	8482.8	9358.4	10311.7	11329.8	12383.0	13393.7	14479.2
-15°	4652.8	5599.2	6467.3	7265.2	8059.7	8866.4	9685.3	10578.6	11490.6	12358.2	13241.9
-17.5°	4215.3	5225.2	6081.8	6879.8	7602.4	8333.5	9066.5	9824.8	10591.5	11316.4	12009.7
-20°	3691.3	4776.9	5630.1	6417.4	7127.3	7772.9	8413.3	9073.6	9709.2	10333.4	10913.0



REPORT NUMBER: P558917 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3018.8	4125.0	5103.4	5891.7	6575.0	7194.6	7775.7	8342.2	8893.0	9411.2	9892.5
-25°	2276.1	3385.2	4409.0	5260.7	5965.9	6569.0	7116.2	7625.2	8098.3	8522.9	8920.8
-27.5°	1657.7	2553.7	3568.6	4504.4	5260.0	5902.8	6421.7	6887.0	7309.6	7672.4	8014.5
-30°	1092.5	1788.8	2652.4	3569.8	4400.6	5087.2	5665.4	6135.2	6518.6	6863.2	7152.4
-32.5°	854.7	1157.6	1793.5	2559.6	3393.6	4112.7	4738.6	5231.4	5660.8	5999.4	6263.1
-35°	692.2	857.8	1098.5	1655.6	2261.9	3006.2	3648.8	4163.5	4634.3	5012.1	5296.5
-37.5°	637.1	690.7	819.5	972.4	1382.8	1836.7	2394.3	2941.6	3418.2	3825.9	4166.4
-40°	595.5	631.1	675.0	742.7	870.7	1002.3	1395.7	1746.3	2091.1	2483.2	2819.2
-42.5°	559.8	587.3	611.8	646.6	684.4	750.0	851.2	945.0	1126.5	1360.1	1555.2
-45°	525.7	548.4	570.2	591.0	609.0	637.3	664.4	687.4	748.9	800.6	840.0
-47.5°	489.3	510.6	530.8	549.3	565.4	579.9	592.4	604.6	622.4	636.6	650.7
-50°	451.5	470.6	489.4	505.8	516.9	529.8	544.4	551.7	556.3	561.5	572.4
-52.5°	411.8	427.8	444.7	457.3	465.6	473.4	480.6	488.6	494.1	496.8	506.5
-55°	369.0	382.5	396.1	406.9	414.7	419.9	425.8	434.9	440.3	442.4	452.4
-57.5°	326.3	336.7	346.8	358.7	367.1	372.0	379.7	389.2	396.5	402.2	410.8
-60°	285.1	294.7	304.6	314.8	323.5	330.8	338.8	346.7	353.9	360.4	366.8
-62.5°	244.9	256.5	262.6	270.0	279.6	288.4	291.8	296.3	301.8	308.3	315.9
-65°	198.0	207.5	216.1	220.5	221.2	225.9	233.7	238.8	241.3	243.3	245.8
-67.5°	164.2	168.2	174.1	178.7	183.4	186.7	190.1	192.9	194.9	197.2	199.7
-70°	137.3	141.8	146.7	151.5	155.9	159.0	161.0	162.6	163.8	163.0	162.4
-72.5°	114.5	120.3	124.3	128.2	131.8	134.2	135.6	136.7	137.4	128.8	116.7
-75°	93.9	99.8	103.2	106.3	109.2	110.9	111.8	112.4	112.6	102.8	90.2
-77.5°	75.7	79.6	81.6	83.6	85.6	86.3	86.8	87.3	87.8	79.7	69.3
-80°	52.4	54.9	56.3	57.7	58.8	58.8	58.1	56.7	54.7	50.1	44.9
-82.5°	31.1	31.5	31.5	31.4	31.2	32.6	33.9	35.0	36.0	33.2	30.0
-85°	13.8	13.4	12.7	11.8	10.6	11.2	11.9	12.5	13.2	12.3	11.3
-87.5°	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3.0	3.0	2.6	2.3
-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: P558917 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-930-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°	1.9	1.5	1.5	1.5	1.5	1.5	1.9	2.3	2.6	3.0	3.0
85°	10.2	9.2	9.2	9.2	9.2	9.2	10.2	11.3	12.3	13.2	12.5
82.5°	26.6	23.0	23.1	23.1	23.1	23.0	26.6	30.0	33.2	36.0	35.0
80°	39.5	33.9	34.6	35.5	34.6	33.9	39.5	44.9	50.1	54.7	56.7
77.5°	58.2	46.5	46.1	46.2	46.1	46.5	58.2	69.3	79.7	87.8	87.3
75°	77.1	63.7	63.1	63.2	63.1	63.7	77.1	90.2	102.8	112.6	112.4
72.5°	104.3	91.5	85.7	80.2	85.7	91.5	104.3	116.7	128.8	137.4	136.7
70°	162.5	162.9	157.2	149.5	157.2	162.9	162.5	162.4	163.0	163.8	162.6
67.5°	201.9	203.6	206.0	208.1	206.0	203.6	201.9	199.7	197.2	194.9	192.9
65°	247.0	246.9	247.8	248.2	247.8	246.9	247.0	245.8	243.3	241.3	238.8
62.5°	322.3	327.5	331.1	333.0	331.1	327.5	322.3	315.9	308.3	301.8	296.3
60°	372.2	376.4	382.5	388.5	382.5	376.4	372.2	366.8	360.4	353.9	346.7
57.5°	418.8	426.0	431.9	436.3	431.9	426.0	418.8	410.8	402.2	396.5	389.2
55°	461.9	470.2	478.3	485.6	478.3	470.2	461.9	452.4	442.4	440.3	434.9
52.5°	515.9	522.8	534.2	548.8	534.2	522.8	515.9	506.5	496.8	494.1	488.6
50°	585.0	595.5	609.9	627.4	609.9	595.5	585.0	572.4	561.5	556.3	551.7
47.5°	664.9	675.3	689.3	707.6	689.3	675.3	664.9	650.7	636.6	622.4	604.6
45°	876.1	900.7	923.3	948.1	923.3	900.7	876.1	840.0	800.6	748.9	687.4
42.5°	1711.6	1819.8	1866.4	1839.1	1866.4	1819.8	1711.6	1555.2	1360.1	1126.5	945.0
40°	3075.4	3255.2	3360.9	3397.7	3360.9	3255.2	3075.4	2819.2	2483.2	2091.1	1746.3
37.5°	4415.0	4580.5	4669.8	4680.3	4669.8	4580.5	4415.0	4166.4	3825.9	3418.2	2941.6
35°	5501.8	5638.1	5718.8	5779.5	5718.8	5638.1	5501.8	5296.5	5012.1	4634.3	4163.5
32.5°	6477.8	6633.1	6722.9	6702.9	6722.9	6633.1	6477.8	6263.1	5999.4	5660.8	5231.4
30°	7389.5	7559.4	7664.8	7667.9	7664.8	7559.4	7389.5	7152.4	6863.2	6518.6	6135.2
27.5°	8290.9	8481.6	8591.5	8677.7	8591.5	8481.6	8290.9	8014.5	7672.4	7309.6	6887.0
25°	9252.5	9490.2	9631.3	9716.7	9631.3	9490.2	9252.5	8920.8	8522.9	8098.3	7625.2
22.5°	10289.3	10583.8	10777.1	10857.5	10777.1	10583.8	10289.3	9892.5	9411.2	8893.0	8342.2
20°	11417.1	11781.9	12028.9	12021.4	12028.9	11781.9	11417.1	10913.0	10333.4	9709.2	9073.6
17.5°	12675.5	13146.1	13464.6	13510.6	13464.6	13146.1	12675.5	12009.7	11316.4	10591.5	9824.8
15°	14024.6	14631.3	15043.2	15170.9	15043.2	14631.3	14024.6	13241.9	12358.2	11490.6	10578.6
12.5°	15407.1	16128.8	16677.9	16860.5	16677.9	16128.8	15407.1	14479.2	13393.7	12383.0	11329.8
10°	16724.4	17523.7	18119.8	18383.6	18119.8	17523.7	16724.4	15623.5	14453.9	13257.2	12000.4
7.5°	17825.5	18637.7	19251.7	19468.9	19251.7	18637.7	17825.5	16717.0	15324.8	13993.2	12633.1
5°	18551.0	19438.3	19915.8	20184.2	19915.8	19438.3	18551.0	17389.5	16012.7	14553.6	13095.0
2.5°	19035.7	19788.1	20271.7	20518.8	20271.7	19788.1	19035.7	17892.1	16534.7	14942.6	13401.9
0°	19293.2	20059.4	20413.9	20534.2	20413.9	20059.4	19293.2	18149.3	16755.7	15101.6	13598.5
-2.5°	19035.7	19788.1	20271.7	20518.8	20271.7	19788.1	19035.7	17892.1	16534.7	14942.6	13401.9
-5°	18551.0	19438.3	19915.8	20184.2	19915.8	19438.3	18551.0	17389.5	16012.7	14553.6	13095.0
-7.5°	17825.5	18637.7	19251.7	19468.9	19251.7	18637.7	17825.5	16717.0	15324.8	13993.2	12633.1
-10°	16724.4	17523.7	18119.8	18383.6	18119.8	17523.7	16724.4	15623.5	14453.9	13257.2	12000.4
-12.5°	15407.1	16128.8	16677.9	16860.5	16677.9	16128.8	15407.1	14479.2	13393.7	12383.0	11329.8
-15°	14024.6	14631.3	15043.2	15170.9	15043.2	14631.3	14024.6	13241.9	12358.2	11490.6	10578.6
-17.5°	12675.5	13146.1	13464.6	13510.6	13464.6	13146.1	12675.5	12009.7	11316.4	10591.5	9824.8
-20°	11417.1	11781.9	12028.9	12021.4	12028.9	11781.9	11417.1	10913.0	10333.4	9709.2	9073.6



REPORT NUMBER: P558917 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-930-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°	10289.3	10583.8	10777.1	10857.5	10777.1	10583.8	10289.3	9892.5	9411.2	8893.0	8342.2
-25°	9252.5	9490.2	9631.3	9716.7	9631.3	9490.2	9252.5	8920.8	8522.9	8098.3	7625.2
-27.5°	8290.9	8481.6	8591.5	8677.7	8591.5	8481.6	8290.9	8014.5	7672.4	7309.6	6887.0
-30°	7389.5	7559.4	7664.8	7667.9	7664.8	7559.4	7389.5	7152.4	6863.2	6518.6	6135.2
-32.5°	6477.8	6633.1	6722.9	6702.9	6722.9	6633.1	6477.8	6263.1	5999.4	5660.8	5231.4
-35°	5501.8	5638.1	5718.8	5779.5	5718.8	5638.1	5501.8	5296.5	5012.1	4634.3	4163.5
-37.5°	4415.0	4580.5	4669.8	4680.3	4669.8	4580.5	4415.0	4166.4	3825.9	3418.2	2941.6
-40°	3075.4	3255.2	3360.9	3397.7	3360.9	3255.2	3075.4	2819.2	2483.2	2091.1	1746.3
-42.5°	1711.6	1819.8	1866.4	1839.1	1866.4	1819.8	1711.6	1555.2	1360.1	1126.5	945.0
-45°	876.1	900.7	923.3	948.1	923.3	900.7	876.1	840.0	800.6	748.9	687.4
-47.5°	664.9	675.3	689.3	707.6	689.3	675.3	664.9	650.7	636.6	622.4	604.6
-50°	585.0	595.5	609.9	627.4	609.9	595.5	585.0	572.4	561.5	556.3	551.7
-52.5°	515.9	522.8	534.2	548.8	534.2	522.8	515.9	506.5	496.8	494.1	488.6
-55°	461.9	470.2	478.3	485.6	478.3	470.2	461.9	452.4	442.4	440.3	434.9
-57.5°	418.8	426.0	431.9	436.3	431.9	426.0	418.8	410.8	402.2	396.5	389.2
-60°	372.2	376.4	382.5	388.5	382.5	376.4	372.2	366.8	360.4	353.9	346.7
-62.5°	322.3	327.5	331.1	333.0	331.1	327.5	322.3	315.9	308.3	301.8	296.3
-65°	247.0	246.9	247.8	248.2	247.8	246.9	247.0	245.8	243.3	241.3	238.8
-67.5°	201.9	203.6	206.0	208.1	206.0	203.6	201.9	199.7	197.2	194.9	192.9
-70°	162.5	162.9	157.2	149.5	157.2	162.9	162.5	162.4	163.0	163.8	162.6
-72.5°	104.3	91.5	85.7	80.2	85.7	91.5	104.3	116.7	128.8	137.4	136.7
-75°	77.1	63.7	63.1	63.2	63.1	63.7	77.1	90.2	102.8	112.6	112.4
-77.5°	58.2	46.5	46.1	46.2	46.1	46.5	58.2	69.3	79.7	87.8	87.3
-80°	39.5	33.9	34.6	35.5	34.6	33.9	39.5	44.9	50.1	54.7	56.7
-82.5°	26.6	23.0	23.1	23.1	23.1	23.0	26.6	30.0	33.2	36.0	35.0
-85°	10.2	9.2	9.2	9.2	9.2	9.2	10.2	11.3	12.3	13.2	12.5
-87.5°	1.9	1.5	1.5	1.5	1.5	1.5	1.9	2.3	2.6	3.0	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: P558917 (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°	2.9	2.9	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2
85°	11.9	11.2	10.6	11.8	12.7	13.4	13.8	12.3	10.8	9.4	8.2
82.5°	33.9	32.6	31.2	31.4	31.5	31.5	31.1	27.3	23.7	20.4	17.7
80°	58.1	58.8	58.8	57.7	56.3	54.9	52.4	45.5	39.3	33.9	30.1
77.5°	86.8	86.3	85.6	83.6	81.6	79.6	75.7	65.6	55.7	46.9	42.1
75°	111.8	110.9	109.2	106.3	103.2	99.8	93.9	83.8	73.3	62.3	56.5
72.5°	135.6	134.2	131.8	128.2	124.3	120.3	114.5	105.8	94.9	81.9	75.5
70°	161.0	159.0	155.9	151.5	146.7	141.8	137.3	131.0	122.2	111.0	104.6
67.5°	190.1	186.7	183.4	178.7	174.1	168.2	164.2	158.9	152.2	142.7	135.6
65°	233.7	225.9	221.2	220.5	216.1	207.5	198.0	191.9	185.4	176.5	166.6
62.5°	291.8	288.4	279.6	270.0	262.6	256.5	244.9	232.1	221.0	210.9	199.2
60°	338.8	330.8	323.5	314.8	304.6	294.7	285.1	272.6	257.0	244.4	231.6
57.5°	379.7	372.0	367.1	358.7	346.8	336.7	326.3	313.6	298.4	280.1	263.9
55°	425.8	419.9	414.7	406.9	396.1	382.5	369.0	355.4	338.3	316.3	296.4
52.5°	480.6	473.4	465.6	457.3	444.7	427.8	411.8	395.8	376.0	352.2	327.9
50°	544.4	529.8	516.9	505.8	489.4	470.6	451.5	433.5	410.0	385.6	360.3
47.5°	592.4	579.9	565.4	549.3	530.8	510.6	489.3	466.5	442.0	416.5	390.0
45°	664.4	637.3	609.0	591.0	570.2	548.4	525.7	499.7	472.9	445.8	417.9
42.5°	851.2	750.0	684.4	646.6	611.8	587.3	559.8	531.9	503.3	474.2	444.7
40°	1395.7	1002.3	870.7	742.7	675.0	631.1	595.5	562.7	532.5	501.7	470.6
37.5°	2394.3	1836.7	1382.8	972.4	819.5	690.7	637.1	594.8	560.3	528.3	495.5
35°	3648.8	3006.2	2261.9	1655.6	1098.5	857.8	692.2	632.8	588.8	554.0	519.5
32.5°	4738.6	4112.7	3393.6	2559.6	1793.5	1157.6	854.7	683.5	620.1	579.4	542.7
30°	5665.4	5087.2	4400.6	3569.8	2652.4	1788.8	1092.5	813.2	666.9	603.6	565.0
27.5°	6421.7	5902.8	5260.0	4504.4	3568.6	2553.7	1657.7	974.6	737.3	640.0	586.1
25°	7116.2	6569.0	5965.9	5260.7	4409.0	3385.2	2276.1	1399.6	875.4	678.9	605.7
22.5°	7775.7	7194.6	6575.0	5891.7	5103.4	4125.0	3018.8	1872.5	1014.8	749.3	636.2
20°	8413.3	7772.9	7127.3	6417.4	5630.1	4776.9	3691.3	2439.3	1412.9	856.2	665.2
17.5°	9066.5	8333.5	7602.4	6879.8	6081.8	5225.2	4215.3	3009.1	1758.9	952.4	690.3
15°	9685.3	8866.4	8059.7	7265.2	6467.3	5599.2	4652.8	3516.7	2102.4	1147.0	761.4
12.5°	10311.7	9358.4	8482.8	7592.0	6791.4	5911.3	4963.0	3863.1	2505.3	1385.4	832.1
10°	10879.0	9809.8	8838.9	7896.2	7032.9	6160.3	5212.4	4141.6	2836.7	1581.3	890.2
7.5°	11365.3	10202.5	9135.3	8144.3	7227.0	6368.0	5426.3	4363.7	3086.3	1732.7	935.5
5°	11740.3	10489.3	9363.1	8347.7	7377.9	6509.6	5582.9	4525.6	3254.5	1839.1	968.0
2.5°	11966.0	10663.1	9496.7	8473.9	7471.6	6590.4	5665.8	4629.1	3361.7	1907.6	992.1
0°	12063.1	10715.7	9594.9	8559.0	7507.6	6624.3	5663.9	4668.0	3400.8	1933.2	1003.6
-2.5°	11966.0	10663.1	9496.7	8473.9	7471.6	6590.4	5665.8	4629.1	3361.7	1907.6	992.1
-5°	11740.3	10489.3	9363.1	8347.7	7377.9	6509.6	5582.9	4525.6	3254.5	1839.1	968.0
-7.5°	11365.3	10202.5	9135.3	8144.3	7227.0	6368.0	5426.3	4363.7	3086.3	1732.7	935.5
-10°	10879.0	9809.8	8838.9	7896.2	7032.9	6160.3	5212.4	4141.6	2836.7	1581.3	890.2
-12.5°	10311.7	9358.4	8482.8	7592.0	6791.4	5911.3	4963.0	3863.1	2505.3	1385.4	832.1
-15°	9685.3	8866.4	8059.7	7265.2	6467.3	5599.2	4652.8	3516.7	2102.4	1147.0	761.4
-17.5°	9066.5	8333.5	7602.4	6879.8	6081.8	5225.2	4215.3	3009.1	1758.9	952.4	690.3
-20°	8413.3	7772.9	7127.3	6417.4	5630.1	4776.9	3691.3	2439.3	1412.9	856.2	665.2



REPORT NUMBER: P558917 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7775.7	7194.6	6575.0	5891.7	5103.4	4125.0	3018.8	1872.5	1014.8	749.3	636.2
-25°	7116.2	6569.0	5965.9	5260.7	4409.0	3385.2	2276.1	1399.6	875.4	678.9	605.7
-27.5°	6421.7	5902.8	5260.0	4504.4	3568.6	2553.7	1657.7	974.6	737.3	640.0	586.1
-30°	5665.4	5087.2	4400.6	3569.8	2652.4	1788.8	1092.5	813.2	666.9	603.6	565.0
-32.5°	4738.6	4112.7	3393.6	2559.6	1793.5	1157.6	854.7	683.5	620.1	579.4	542.7
-35°	3648.8	3006.2	2261.9	1655.6	1098.5	857.8	692.2	632.8	588.8	554.0	519.5
-37.5°	2394.3	1836.7	1382.8	972.4	819.5	690.7	637.1	594.8	560.3	528.3	495.5
-40°	1395.7	1002.3	870.7	742.7	675.0	631.1	595.5	562.7	532.5	501.7	470.6
-42.5°	851.2	750.0	684.4	646.6	611.8	587.3	559.8	531.9	503.3	474.2	444.7
-45°	664.4	637.3	609.0	591.0	570.2	548.4	525.7	499.7	472.9	445.8	417.9
-47.5°	592.4	579.9	565.4	549.3	530.8	510.6	489.3	466.5	442.0	416.5	390.0
-50°	544.4	529.8	516.9	505.8	489.4	470.6	451.5	433.5	410.0	385.6	360.3
-52.5°	480.6	473.4	465.6	457.3	444.7	427.8	411.8	395.8	376.0	352.2	327.9
-55°	425.8	419.9	414.7	406.9	396.1	382.5	369.0	355.4	338.3	316.3	296.4
-57.5°	379.7	372.0	367.1	358.7	346.8	336.7	326.3	313.6	298.4	280.1	263.9
-60°	338.8	330.8	323.5	314.8	304.6	294.7	285.1	272.6	257.0	244.4	231.6
-62.5°	291.8	288.4	279.6	270.0	262.6	256.5	244.9	232.1	221.0	210.9	199.2
-65°	233.7	225.9	221.2	220.5	216.1	207.5	198.0	191.9	185.4	176.5	166.6
-67.5°	190.1	186.7	183.4	178.7	174.1	168.2	164.2	158.9	152.2	142.7	135.6
-70°	161.0	159.0	155.9	151.5	146.7	141.8	137.3	131.0	122.2	111.0	104.6
-72.5°	135.6	134.2	131.8	128.2	124.3	120.3	114.5	105.8	94.9	81.9	75.5
-75°	111.8	110.9	109.2	106.3	103.2	99.8	93.9	83.8	73.3	62.3	56.5
-77.5°	86.8	86.3	85.6	83.6	81.6	79.6	75.7	65.6	55.7	46.9	42.1
-80°	58.1	58.8	58.8	57.7	56.3	54.9	52.4	45.5	39.3	33.9	30.1
-82.5°	33.9	32.6	31.2	31.4	31.5	31.5	31.1	27.3	23.7	20.4	17.7
-85°	11.9	11.2	10.6	11.8	12.7	13.4	13.8	12.3	10.8	9.4	8.2
-87.5°	2.9	2.9	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558917 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-930-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°	2.6	3.0	3.3	3.6	3.7	3.9	3.9	3.9	3.7	3.4	3.1
85°	8.8	9.1	9.1	8.9	8.3	7.7	7.8	7.8	7.3	6.8	6.3
82.5°	18.4	19.1	19.6	19.5	18.3	17.0	15.6	14.2	12.6	10.6	9.4
80°	31.8	32.8	33.1	32.3	29.2	26.2	24.1	22.1	20.5	18.2	15.3
77.5°	45.3	47.4	48.2	47.1	42.9	38.7	34.5	30.7	28.4	25.9	22.6
75°	59.2	62.3	64.2	63.1	57.8	51.1	45.8	41.3	38.1	33.8	29.9
72.5°	76.9	78.4	80.1	79.7	75.1	68.5	59.8	52.1	48.5	43.7	37.7
70°	100.5	96.1	95.0	94.4	91.5	86.4	77.7	67.5	59.0	53.6	46.9
67.5°	129.4	123.3	117.0	110.3	107.0	102.3	95.4	83.5	72.3	63.6	56.1
65°	157.9	149.8	142.2	132.5	124.5	118.3	111.2	98.5	85.1	74.0	65.3
62.5°	187.0	175.1	164.9	153.6	143.1	134.4	126.9	112.4	97.3	83.9	73.6
60°	217.5	203.2	187.6	174.1	161.4	149.9	139.7	126.1	109.8	93.4	81.2
57.5°	248.5	231.7	212.7	194.9	179.7	165.7	151.9	138.0	122.1	103.9	87.9
55°	279.0	260.6	237.7	216.6	198.1	182.0	164.7	149.1	133.6	114.7	92.8
52.5°	306.3	287.0	264.3	238.8	216.6	197.6	178.5	159.9	143.4	125.1	99.4
50°	334.1	310.2	288.5	263.2	235.0	213.0	191.9	171.8	153.0	134.9	105.6
47.5°	363.1	335.2	309.7	286.0	257.3	228.0	205.5	183.5	162.3	143.2	111.1
45°	389.7	360.9	331.6	305.2	278.0	245.4	218.7	194.7	172.3	147.4	115.7
42.5°	414.9	384.8	354.2	323.9	295.3	262.6	231.5	206.2	182.0	150.7	119.0
40°	439.1	407.4	375.5	343.8	312.7	278.2	245.5	217.3	190.6	153.6	121.2
37.5°	462.1	428.9	395.5	362.9	330.3	294.4	258.4	228.0	194.7	156.7	122.7
35°	484.4	449.2	415.3	381.2	347.0	310.8	269.9	238.2	201.0	159.4	123.6
32.5°	505.6	469.1	434.2	398.9	362.8	327.3	282.9	247.5	208.5	161.5	123.8
30°	526.3	488.5	451.9	415.7	377.7	341.0	297.4	256.7	217.4	163.2	123.8
27.5°	546.0	506.4	468.4	431.1	392.3	353.7	311.6	265.7	227.3	166.3	124.6
25°	564.1	523.2	483.7	445.2	405.9	365.9	324.8	274.5	235.6	173.0	125.0
22.5°	580.9	538.4	497.6	458.2	419.3	377.6	335.9	285.4	242.4	180.0	124.8
20°	596.1	551.9	510.6	471.8	431.3	388.8	345.3	295.2	248.8	187.1	124.2
17.5°	611.4	566.0	525.5	484.8	442.5	398.9	354.1	304.0	254.7	194.1	123.0
15°	635.4	581.2	539.1	496.9	452.9	408.0	362.1	311.7	260.0	200.9	122.6
12.5°	657.1	594.8	551.3	508.2	462.3	416.0	369.4	318.3	264.8	205.5	123.1
10°	675.4	606.8	562.0	518.4	470.8	422.8	375.8	324.0	268.8	207.4	122.8
7.5°	690.3	617.0	571.3	527.4	478.6	429.4	381.7	328.8	272.7	207.6	121.8
5°	703.1	628.2	583.0	537.4	487.9	435.9	386.6	332.4	276.2	206.2	120.2
2.5°	717.8	641.8	595.9	546.2	495.9	441.3	390.5	334.8	278.9	203.3	118.1
0°	729.2	653.6	607.4	553.4	502.6	445.5	393.1	336.1	280.6	198.9	115.6
-2.5°	717.8	641.8	595.9	546.2	495.9	441.3	390.5	334.8	278.9	203.3	118.1
-5°	703.1	628.2	583.0	537.4	487.9	435.9	386.6	332.4	276.2	206.2	120.2
-7.5°	690.3	617.0	571.3	527.4	478.6	429.4	381.7	328.8	272.7	207.6	121.8
-10°	675.4	606.8	562.0	518.4	470.8	422.8	375.8	324.0	268.8	207.4	122.8
-12.5°	657.1	594.8	551.3	508.2	462.3	416.0	369.4	318.3	264.8	205.5	123.1
-15°	635.4	581.2	539.1	496.9	452.9	408.0	362.1	311.7	260.0	200.9	122.6
-17.5°	611.4	566.0	525.5	484.8	442.5	398.9	354.1	304.0	254.7	194.1	123.0
-20°	596.1	551.9	510.6	471.8	431.3	388.8	345.3	295.2	248.8	187.1	124.2



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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°	580.9	538.4	497.6	458.2	419.3	377.6	335.9	285.4	242.4	180.0	124.8
-25°	564.1	523.2	483.7	445.2	405.9	365.9	324.8	274.5	235.6	173.0	125.0
-27.5°	546.0	506.4	468.4	431.1	392.3	353.7	311.6	265.7	227.3	166.3	124.6
-30°	526.3	488.5	451.9	415.7	377.7	341.0	297.4	256.7	217.4	163.2	123.8
-32.5°	505.6	469.1	434.2	398.9	362.8	327.3	282.9	247.5	208.5	161.5	123.8
-35°	484.4	449.2	415.3	381.2	347.0	310.8	269.9	238.2	201.0	159.4	123.6
-37.5°	462.1	428.9	395.5	362.9	330.3	294.4	258.4	228.0	194.7	156.7	122.7
-40°	439.1	407.4	375.5	343.8	312.7	278.2	245.5	217.3	190.6	153.6	121.2
-42.5°	414.9	384.8	354.2	323.9	295.3	262.6	231.5	206.2	182.0	150.7	119.0
-45°	389.7	360.9	331.6	305.2	278.0	245.4	218.7	194.7	172.3	147.4	115.7
-47.5°	363.1	335.2	309.7	286.0	257.3	228.0	205.5	183.5	162.3	143.2	111.1
-50°	334.1	310.2	288.5	263.2	235.0	213.0	191.9	171.8	153.0	134.9	105.6
-52.5°	306.3	287.0	264.3	238.8	216.6	197.6	178.5	159.9	143.4	125.1	99.4
-55°	279.0	260.6	237.7	216.6	198.1	182.0	164.7	149.1	133.6	114.7	92.8
-57.5°	248.5	231.7	212.7	194.9	179.7	165.7	151.9	138.0	122.1	103.9	87.9
-60°	217.5	203.2	187.6	174.1	161.4	149.9	139.7	126.1	109.8	93.4	81.2
-62.5°	187.0	175.1	164.9	153.6	143.1	134.4	126.9	112.4	97.3	83.9	73.6
-65°	157.9	149.8	142.2	132.5	124.5	118.3	111.2	98.5	85.1	74.0	65.3
-67.5°	129.4	123.3	117.0	110.3	107.0	102.3	95.4	83.5	72.3	63.6	56.1
-70°	100.5	96.1	95.0	94.4	91.5	86.4	77.7	67.5	59.0	53.6	46.9
-72.5°	76.9	78.4	80.1	79.7	75.1	68.5	59.8	52.1	48.5	43.7	37.7
-75°	59.2	62.3	64.2	63.1	57.8	51.1	45.8	41.3	38.1	33.8	29.9
-77.5°	45.3	47.4	48.2	47.1	42.9	38.7	34.5	30.7	28.4	25.9	22.6
-80°	31.8	32.8	33.1	32.3	29.2	26.2	24.1	22.1	20.5	18.2	15.3
-82.5°	18.4	19.1	19.6	19.5	18.3	17.0	15.6	14.2	12.6	10.6	9.4
-85°	8.8	9.1	9.1	8.9	8.3	7.7	7.8	7.8	7.3	6.8	6.3
-87.5°	2.6	3.0	3.3	3.6	3.7	3.9	3.9	3.9	3.7	3.4	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



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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°	2.8	2.2	1.6	1.1	0.7	0.3	0.0
85°	5.6	4.3	3.2	2.2	1.3	0.7	0.0
82.5°	8.3	6.5	4.8	3.3	2.0	1.0	0.0
80°	11.5	8.6	6.4	4.4	2.7	1.3	0.0
77.5°	18.1	11.7	7.9	5.5	3.3	1.7	0.0
75°	24.5	16.7	9.8	6.5	4.0	2.0	0.0
72.5°	30.8	21.6	13.4	7.5	4.6	2.3	0.0
70°	37.1	26.4	17.0	8.8	5.3	2.6	0.0
67.5°	44.4	31.0	20.4	11.2	5.9	2.9	0.0
65°	51.4	35.9	23.8	13.5	6.5	3.3	0.0
62.5°	58.1	41.1	27.0	15.8	7.1	3.6	0.0
60°	64.4	46.1	30.0	17.9	7.7	3.8	0.0
57.5°	68.8	50.8	33.5	20.0	9.0	4.1	0.0
55°	72.4	55.2	36.9	22.0	10.4	4.4	0.0
52.5°	75.6	59.0	40.0	23.8	11.6	4.7	0.0
50°	78.2	60.9	42.9	25.6	12.9	4.9	0.0
47.5°	80.6	62.4	45.6	27.3	14.0	5.2	0.0
45°	84.5	63.6	48.1	29.1	15.2	5.4	0.0
42.5°	87.8	64.3	50.3	30.8	16.2	5.7	0.0
40°	90.4	64.7	51.5	32.6	17.2	5.9	0.0
37.5°	92.5	64.7	51.6	34.4	18.2	6.1	0.0
35°	94.0	65.5	51.6	36.2	19.1	6.3	0.0
32.5°	94.7	66.5	51.3	37.9	19.9	6.5	0.0
30°	94.7	67.1	50.8	39.6	20.7	6.7	0.0
27.5°	94.1	67.3	51.3	41.2	21.4	6.8	0.0
25°	93.1	67.0	51.9	42.7	22.0	7.0	0.0
22.5°	91.6	67.2	52.4	44.2	22.6	7.1	0.0
20°	89.7	68.9	52.8	45.6	23.1	7.2	0.0
17.5°	89.8	70.4	53.2	46.8	23.5	7.3	0.0
15°	91.1	71.8	53.4	48.0	23.9	7.4	0.0
12.5°	92.2	72.9	53.7	49.1	24.2	7.5	0.0
10°	93.0	73.8	53.8	50.0	24.4	7.6	0.0
7.5°	93.6	74.6	53.9	50.8	24.6	7.6	0.0
5°	94.0	75.1	54.0	51.5	24.7	7.7	0.0
2.5°	94.1	75.4	54.0	52.0	24.7	7.7	0.0
0°	94.0	75.5	54.0	52.4	24.7	7.7	0.0
-2.5°	94.1	75.4	54.0	52.0	24.7	7.7	0.0
-5°	94.0	75.1	54.0	51.5	24.7	7.7	0.0
-7.5°	93.6	74.6	53.9	50.8	24.6	7.6	0.0
-10°	93.0	73.8	53.8	50.0	24.4	7.6	0.0
-12.5°	92.2	72.9	53.7	49.1	24.2	7.5	0.0
-15°	91.1	71.8	53.4	48.0	23.9	7.4	0.0
-17.5°	89.8	70.4	53.2	46.8	23.5	7.3	0.0
-20°	89.7	68.9	52.8	45.6	23.1	7.2	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	91.6	67.2	52.4	44.2	22.6	7.1	0.0
-25°	93.1	67.0	51.9	42.7	22.0	7.0	0.0
-27.5°	94.1	67.3	51.3	41.2	21.4	6.8	0.0
-30°	94.7	67.1	50.8	39.6	20.7	6.7	0.0
-32.5°	94.7	66.5	51.3	37.9	19.9	6.5	0.0
-35°	94.0	65.5	51.6	36.2	19.1	6.3	0.0
-37.5°	92.5	64.7	51.6	34.4	18.2	6.1	0.0
-40°	90.4	64.7	51.5	32.6	17.2	5.9	0.0
-42.5°	87.8	64.3	50.3	30.8	16.2	5.7	0.0
-45°	84.5	63.6	48.1	29.1	15.2	5.4	0.0
-47.5°	80.6	62.4	45.6	27.3	14.0	5.2	0.0
-50°	78.2	60.9	42.9	25.6	12.9	4.9	0.0
-52.5°	75.6	59.0	40.0	23.8	11.6	4.7	0.0
-55°	72.4	55.2	36.9	22.0	10.4	4.4	0.0
-57.5°	68.8	50.8	33.5	20.0	9.0	4.1	0.0
-60°	64.4	46.1	30.0	17.9	7.7	3.8	0.0
-62.5°	58.1	41.1	27.0	15.8	7.1	3.6	0.0
-65°	51.4	35.9	23.8	13.5	6.5	3.3	0.0
-67.5°	44.4	31.0	20.4	11.2	5.9	2.9	0.0
-70°	37.1	26.4	17.0	8.8	5.3	2.6	0.0
-72.5°	30.8	21.6	13.4	7.5	4.6	2.3	0.0
-75°	24.5	16.7	9.8	6.5	4.0	2.0	0.0
-77.5°	18.1	11.7	7.9	5.5	3.3	1.7	0.0
-80°	11.5	8.6	6.4	4.4	2.7	1.3	0.0
-82.5°	8.3	6.5	4.8	3.3	2.0	1.0	0.0
-85°	5.6	4.3	3.2	2.2	1.3	0.7	0.0
-87.5°	2.8	2.2	1.6	1.1	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)