

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: P558931 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-935-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558931 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA4C-935-U-WR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (64) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

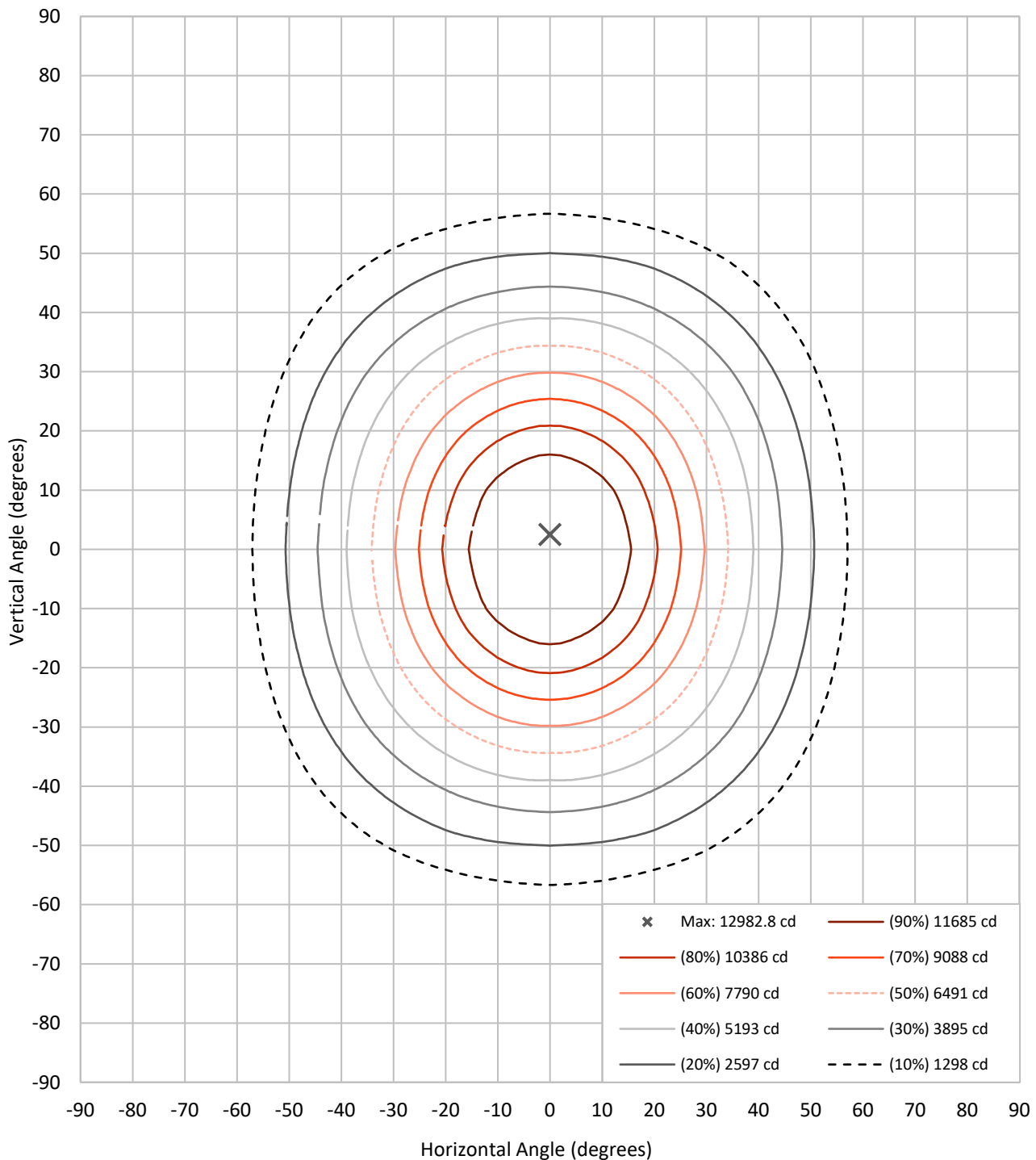
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	17571.1 lumens	Max Intensity:	12982.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	107.1 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	10535.1 lumens	Field Lumens:	16785 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

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



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Iso-Candela Plot





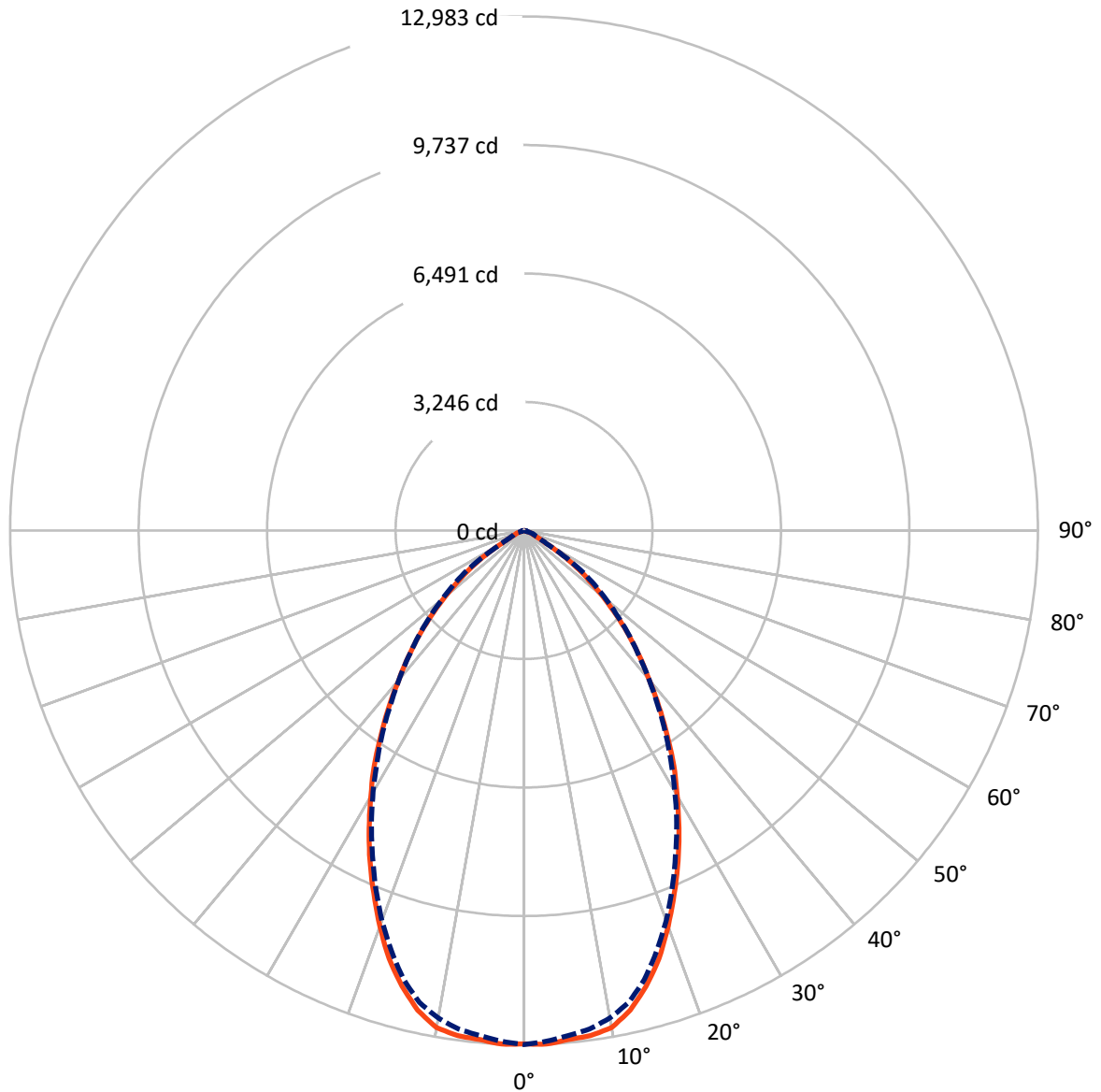
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Lumen Table

90																
80	0.1	1.7		4.2		7.3		5.2		7.3		4.2		1.7		0.1
70																
60	0.8	1.2	2.3	3.7	5.4	7.1	8.7	9.8	9.8	8.7	7.1	5.4	3.7	2.3	1.2	0.8
50		1.9	3.9	7.1	13.6	26.4	39.6	47.4	47.4	39.6	26.4	13.6	7.1	3.9	1.9	
40	1.4	2.5	5.8	16.8	44.3	73.7	98.0	111.7	111.7	98.0	73.7	44.3	16.8	5.8	2.5	1.4
30		3.1	9.9	38.8	79.5	124.2	164.5	188.7	188.7	164.5	124.2	79.5	38.8	9.9	3.1	
20	1.5	3.8	18.0	58.7	112.8	176.5	236.0	273.4	273.4	236.0	176.5	112.8	58.7	18.0	3.8	1.5
10		4.4	25.7	73.0	139.0	220.6	300.5	351.0	351.0	300.5	220.6	139.0	73.0	25.7	4.4	
0	1.6	4.8	30.0	80.7	153.8	246.5	337.5	385.8	385.8	337.5	246.5	153.8	80.7	30.0	4.8	1.6
-10		4.8	30.0	80.7	153.8	246.5	337.5	385.8	385.8	337.5	246.5	153.8	80.7	30.0	4.8	
-20	1.5	4.4	25.7	73.0	139.0	220.6	300.5	351.0	351.0	300.5	220.6	139.0	73.0	25.7	4.4	1.5
-30		3.8	18.0	58.7	112.8	176.5	236.0	273.4	273.4	236.0	176.5	112.8	58.7	18.0	3.8	
-40	1.4	3.1	9.9	38.8	79.5	124.2	164.5	188.7	188.7	164.5	124.2	79.5	38.8	9.9	3.1	1.4
-50		2.5	5.8	16.8	44.3	73.7	98.0	111.7	111.7	98.0	73.7	44.3	16.8	5.8	2.5	
-60	0.8	1.9	3.9	7.1	13.6	26.4	39.6	47.4	47.4	39.6	26.4	13.6	7.1	3.9	1.9	0.8
-70		1.2	2.3	3.7	5.4	7.1	8.7	9.8	9.8	8.7	7.1	5.4	3.7	2.3	1.2	
-80																
-90	0.1	1.7		4.2		7.3		5.2		7.3		4.2		1.7		0.1

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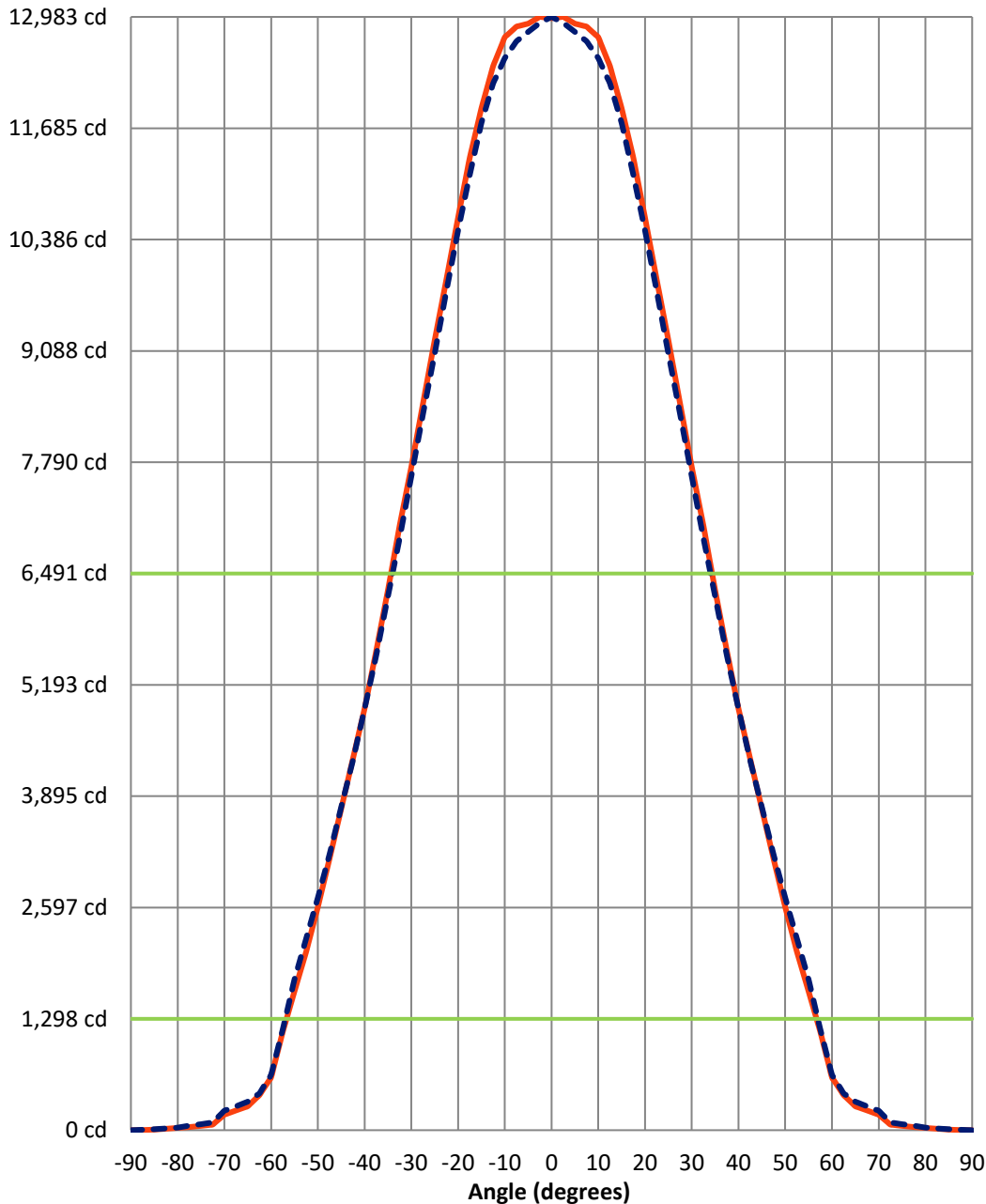
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 2.5-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 68°
 V Angle: 68.7°
 Lumens: 10535.1
 Efficiency: 60.0%

Field:
 H Angle: 114°
 V Angle: 113.4°
 Lumens: 16785
 Efficiency: 95.5%

Spill:
 Lumens: 786
 Efficiency: 4.5%

- Vertical Distribution through 0-Deg
- - Horizontal Distribution through 2.5-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
85°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.8	4.2
82.5°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.5	5.4	7.4	9.4
80°	0.0	0.9	1.7	2.6	3.5	4.3	5.5	8.0	10.7	13.5	16.4
77.5°	0.0	1.1	2.2	3.2	4.3	5.9	9.2	12.6	16.0	19.6	24.4
75°	0.0	1.3	2.6	3.9	5.3	8.6	12.8	17.0	21.6	28.9	36.1
72.5°	0.0	1.5	3.0	4.5	7.1	11.1	16.3	22.4	31.0	39.4	47.7
70°	0.0	1.7	3.4	5.2	8.7	13.6	20.1	30.5	40.2	49.8	63.4
67.5°	0.0	1.9	3.8	6.2	10.4	15.9	26.3	38.5	49.3	63.6	79.8
65°	0.0	2.1	4.2	7.2	11.9	19.1	32.0	46.3	60.5	77.0	95.2
62.5°	0.0	2.3	4.6	8.1	13.3	22.8	37.4	54.8	71.2	90.0	110.0
60°	0.0	2.5	5.0	8.9	14.7	26.3	42.3	63.1	81.3	104.1	124.8
57.5°	0.0	2.7	5.5	9.8	16.7	29.5	47.2	70.7	93.7	118.2	137.3
55°	0.0	2.9	6.0	10.5	18.6	32.2	51.6	76.6	106.7	131.5	148.5
52.5°	0.0	3.0	6.5	11.2	20.3	34.7	55.4	85.3	119.6	141.9	159.8
50°	0.0	3.2	6.9	11.8	21.7	37.0	58.5	93.4	131.4	152.2	171.6
47.5°	0.0	3.4	7.3	12.4	22.8	38.8	61.4	100.5	140.6	162.4	182.8
45°	0.0	3.5	7.8	13.0	23.7	40.2	66.4	106.4	144.6	171.6	193.2
42.5°	0.0	3.7	8.2	13.5	24.4	41.2	70.5	109.8	147.2	180.2	204.7
40°	0.0	3.8	8.6	14.2	24.8	41.6	73.8	111.0	148.7	187.5	216.1
37.5°	0.0	4.0	8.9	14.8	25.0	41.6	76.3	111.4	150.3	190.6	227.2
35°	0.0	4.1	9.3	15.5	25.0	42.6	78.0	110.8	151.9	197.6	238.1
32.5°	0.0	4.2	9.6	16.1	24.6	43.7	78.3	109.3	153.4	206.5	249.0
30°	0.0	4.3	9.9	16.6	24.0	44.3	76.8	107.7	154.9	217.1	259.3
27.5°	0.0	4.4	10.2	17.2	24.6	44.3	74.7	108.0	158.7	229.3	269.0
25°	0.0	4.5	10.4	17.7	25.4	43.8	72.0	108.1	166.9	238.9	278.2
22.5°	0.0	4.6	10.7	18.1	26.1	43.8	68.7	107.9	175.6	246.2	289.9
20°	0.0	4.7	10.9	18.5	26.7	45.8	64.9	107.3	184.5	252.8	300.4
17.5°	0.0	4.8	11.1	18.8	27.3	47.6	64.2	106.3	193.5	258.8	309.5
15°	0.0	4.8	11.2	19.1	27.9	49.2	65.5	105.7	202.3	264.1	317.3
12.5°	0.0	4.9	11.4	19.4	28.4	50.5	66.7	105.0	210.1	268.6	323.8
10°	0.0	4.9	11.5	19.6	28.9	51.5	67.7	102.9	216.5	272.0	328.6
7.5°	0.0	5.0	11.6	19.8	29.2	52.4	68.6	99.6	221.6	274.8	331.5
5°	0.0	5.0	11.6	19.9	29.6	52.9	69.3	95.4	225.3	276.9	332.9
2.5°	0.0	5.0	11.7	20.0	29.8	53.3	69.8	90.5	227.1	278.2	333.1
0°	0.0	5.0	11.7	20.0	30.0	53.4	70.1	85.1	227.0	278.7	332.1
-2.5°	0.0	5.0	11.7	20.0	29.8	53.3	69.8	90.5	227.1	278.2	333.1
-5°	0.0	5.0	11.6	19.9	29.6	52.9	69.3	95.4	225.3	276.9	332.9
-7.5°	0.0	5.0	11.6	19.8	29.2	52.4	68.6	99.6	221.6	274.8	331.5
-10°	0.0	4.9	11.5	19.6	28.9	51.5	67.7	102.9	216.5	272.0	328.6
-12.5°	0.0	4.9	11.4	19.4	28.4	50.5	66.7	105.0	210.1	268.6	323.8
-15°	0.0	4.8	11.2	19.1	27.9	49.2	65.5	105.7	202.3	264.1	317.3
-17.5°	0.0	4.8	11.1	18.8	27.3	47.6	64.2	106.3	193.5	258.8	309.5
-20°	0.0	4.7	10.9	18.5	26.7	45.8	64.9	107.3	184.5	252.8	300.4



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 CATALOG NUMBER: GFLD-SA4C-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.6	10.7	18.1	26.1	43.8	68.7	107.9	175.6	246.2	289.9
-25°	0.0	4.5	10.4	17.7	25.4	43.8	72.0	108.1	166.9	238.9	278.2
-27.5°	0.0	4.4	10.2	17.2	24.6	44.3	74.7	108.0	158.7	229.3	269.0
-30°	0.0	4.3	9.9	16.6	24.0	44.3	76.8	107.7	154.9	217.1	259.3
-32.5°	0.0	4.2	9.6	16.1	24.6	43.7	78.3	109.3	153.4	206.5	249.0
-35°	0.0	4.1	9.3	15.5	25.0	42.6	78.0	110.8	151.9	197.6	238.1
-37.5°	0.0	4.0	8.9	14.8	25.0	41.6	76.3	111.4	150.3	190.6	227.2
-40°	0.0	3.8	8.6	14.2	24.8	41.6	73.8	111.0	148.7	187.5	216.1
-42.5°	0.0	3.7	8.2	13.5	24.4	41.2	70.5	109.8	147.2	180.2	204.7
-45°	0.0	3.5	7.8	13.0	23.7	40.2	66.4	106.4	144.6	171.6	193.2
-47.5°	0.0	3.4	7.3	12.4	22.8	38.8	61.4	100.5	140.6	162.4	182.8
-50°	0.0	3.2	6.9	11.8	21.7	37.0	58.5	93.4	131.4	152.2	171.6
-52.5°	0.0	3.0	6.5	11.2	20.3	34.7	55.4	85.3	119.6	141.9	159.8
-55°	0.0	2.9	6.0	10.5	18.6	32.2	51.6	76.6	106.7	131.5	148.5
-57.5°	0.0	2.7	5.5	9.8	16.7	29.5	47.2	70.7	93.7	118.2	137.3
-60°	0.0	2.5	5.0	8.9	14.7	26.3	42.3	63.1	81.3	104.1	124.8
-62.5°	0.0	2.3	4.6	8.1	13.3	22.8	37.4	54.8	71.2	90.0	110.0
-65°	0.0	2.1	4.2	7.2	11.9	19.1	32.0	46.3	60.5	77.0	95.2
-67.5°	0.0	1.9	3.8	6.2	10.4	15.9	26.3	38.5	49.3	63.6	79.8
-70°	0.0	1.7	3.4	5.2	8.7	13.6	20.1	30.5	40.2	49.8	63.4
-72.5°	0.0	1.5	3.0	4.5	7.1	11.1	16.3	22.4	31.0	39.4	47.7
-75°	0.0	1.3	2.6	3.9	5.3	8.6	12.8	17.0	21.6	28.9	36.1
-77.5°	0.0	1.1	2.2	3.2	4.3	5.9	9.2	12.6	16.0	19.6	24.4
-80°	0.0	0.9	1.7	2.6	3.5	4.3	5.5	8.0	10.7	13.5	16.4
-82.5°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.5	5.4	7.4	9.4
-85°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.8	4.2
-87.5°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.1	2.1	2.0	1.9	2.0	2.1	2.2	2.3	2.1	1.9	1.7
85°	4.2	4.2	4.7	5.0	5.6	5.9	6.1	6.1	6.8	7.8	8.9
82.5°	10.6	11.3	11.7	11.8	12.0	11.9	11.8	11.8	14.5	18.0	21.9
80°	17.8	18.5	21.3	24.3	25.9	25.9	24.5	21.9	25.9	32.4	40.2
77.5°	28.9	33.2	37.7	42.3	43.1	41.0	37.4	32.5	38.2	49.8	62.8
75°	42.2	47.9	54.5	59.4	59.4	55.9	51.2	50.2	59.9	73.9	85.4
72.5°	57.6	66.1	72.4	76.6	76.2	75.6	77.5	81.6	89.5	99.8	108.6
70°	76.3	84.8	89.4	91.6	92.4	97.1	104.0	109.2	114.9	124.9	134.2
67.5°	94.8	101.3	105.4	108.2	116.0	124.9	131.8	138.2	145.1	155.4	163.9
65°	111.2	117.9	123.7	132.4	143.7	152.1	160.4	168.9	181.1	192.6	199.5
62.5°	127.4	134.4	143.3	155.1	167.4	178.1	191.5	206.7	222.5	234.3	247.8
60°	139.9	150.0	162.5	176.5	191.2	208.6	225.8	243.6	259.8	275.6	295.5
57.5°	151.8	166.3	181.9	198.4	217.8	239.6	260.6	279.8	300.2	322.2	344.6
55°	164.8	183.7	201.2	220.8	244.5	272.2	295.6	318.3	342.7	379.7	412.1
52.5°	179.1	200.0	219.8	243.7	273.2	302.8	329.4	361.2	402.0	457.0	546.2
50°	192.5	215.1	238.1	269.1	301.0	332.1	370.6	414.8	496.7	599.2	778.8
47.5°	205.9	229.8	260.3	293.8	328.5	369.6	418.3	515.1	626.6	882.1	1136.6
45°	219.2	247.6	281.3	319.3	360.7	412.2	513.5	632.8	936.3	1230.1	1536.2
42.5°	232.2	265.4	303.9	344.4	398.5	491.8	622.2	937.6	1266.1	1603.5	1897.3
40°	246.9	282.0	326.6	377.9	449.4	591.1	884.0	1239.0	1609.2	1928.0	2213.9
37.5°	260.8	302.3	350.7	410.5	539.0	775.6	1152.8	1546.6	1905.1	2216.7	2522.0
35°	273.4	322.0	379.7	469.4	626.8	1016.6	1425.6	1826.1	2168.8	2501.4	2835.4
32.5°	288.4	341.0	407.5	547.3	828.2	1249.4	1684.7	2066.2	2425.0	2779.7	3161.2
30°	304.9	364.6	446.3	621.6	1027.6	1475.6	1906.8	2296.5	2668.6	3062.5	3471.1
27.5°	320.5	387.4	510.5	765.8	1215.2	1686.8	2108.9	2509.9	2909.3	3328.8	3768.7
25°	334.6	409.0	570.7	923.8	1396.3	1867.0	2294.7	2702.9	3134.2	3590.1	4053.0
22.5°	349.8	430.0	625.0	1067.8	1561.9	2027.3	2459.0	2891.7	3348.2	3831.4	4314.3
20°	366.3	475.0	714.3	1200.7	1712.3	2173.0	2606.3	3067.1	3548.5	4048.9	4558.9
17.5°	381.3	514.8	821.0	1326.8	1838.9	2299.7	2738.9	3226.0	3722.6	4245.7	4783.0
15°	394.7	549.2	915.1	1438.3	1946.3	2407.3	2868.3	3367.0	3877.4	4422.3	4980.2
12.5°	406.5	578.3	995.9	1534.7	2036.9	2499.4	2977.0	3485.9	4015.3	4576.6	5158.0
10°	416.6	602.0	1063.1	1615.3	2110.6	2575.3	3064.3	3584.9	4125.1	4700.8	5301.4
7.5°	423.1	621.6	1116.3	1679.7	2167.4	2634.8	3130.2	3662.9	4205.4	4797.8	5409.8
5°	427.1	637.5	1154.7	1727.3	2208.9	2679.7	3177.6	3719.0	4256.9	4865.9	5482.7
2.5°	429.1	648.5	1178.1	1757.8	2234.8	2711.1	3216.8	3768.1	4311.2	4914.4	5539.2
0°	428.9	654.2	1186.6	1770.8	2244.7	2725.4	3236.1	3793.5	4346.0	4935.1	5577.6
-2.5°	429.1	648.5	1178.1	1757.8	2234.8	2711.1	3216.8	3768.1	4311.2	4914.4	5539.2
-5°	427.1	637.5	1154.7	1727.3	2208.9	2679.7	3177.6	3719.0	4256.9	4865.9	5482.7
-7.5°	423.1	621.6	1116.3	1679.7	2167.4	2634.8	3130.2	3662.9	4205.4	4797.8	5409.8
-10°	416.6	602.0	1063.1	1615.3	2110.6	2575.3	3064.3	3584.9	4125.1	4700.8	5301.4
-12.5°	406.5	578.3	995.9	1534.7	2036.9	2499.4	2977.0	3485.9	4015.3	4576.6	5158.0
-15°	394.7	549.2	915.1	1438.3	1946.3	2407.3	2868.3	3367.0	3877.4	4422.3	4980.2
-17.5°	381.3	514.8	821.0	1326.8	1838.9	2299.7	2738.9	3226.0	3722.6	4245.7	4783.0
-20°	366.3	475.0	714.3	1200.7	1712.3	2173.0	2606.3	3067.1	3548.5	4048.9	4558.9



REPORT NUMBER: P558931 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	349.8	430.0	625.0	1067.8	1561.9	2027.3	2459.0	2891.7	3348.2	3831.4	4314.3
-25°	334.6	409.0	570.7	923.8	1396.3	1867.0	2294.7	2702.9	3134.2	3590.1	4053.0
-27.5°	320.5	387.4	510.5	765.8	1215.2	1686.8	2108.9	2509.9	2909.3	3328.8	3768.7
-30°	304.9	364.6	446.3	621.6	1027.6	1475.6	1906.8	2296.5	2668.6	3062.5	3471.1
-32.5°	288.4	341.0	407.5	547.3	828.2	1249.4	1684.7	2066.2	2425.0	2779.7	3161.2
-35°	273.4	322.0	379.7	469.4	626.8	1016.6	1425.6	1826.1	2168.8	2501.4	2835.4
-37.5°	260.8	302.3	350.7	410.5	539.0	775.6	1152.8	1546.6	1905.1	2216.7	2522.0
-40°	246.9	282.0	326.6	377.9	449.4	591.1	884.0	1239.0	1609.2	1928.0	2213.9
-42.5°	232.2	265.4	303.9	344.4	398.5	491.8	622.2	937.6	1266.1	1603.5	1897.3
-45°	219.2	247.6	281.3	319.3	360.7	412.2	513.5	632.8	936.3	1230.1	1536.2
-47.5°	205.9	229.8	260.3	293.8	328.5	369.6	418.3	515.1	626.6	882.1	1136.6
-50°	192.5	215.1	238.1	269.1	301.0	332.1	370.6	414.8	496.7	599.2	778.8
-52.5°	179.1	200.0	219.8	243.7	273.2	302.8	329.4	361.2	402.0	457.0	546.2
-55°	164.8	183.7	201.2	220.8	244.5	272.2	295.6	318.3	342.7	379.7	412.1
-57.5°	151.8	166.3	181.9	198.4	217.8	239.6	260.6	279.8	300.2	322.2	344.6
-60°	139.9	150.0	162.5	176.5	191.2	208.6	225.8	243.6	259.8	275.6	295.5
-62.5°	127.4	134.4	143.3	155.1	167.4	178.1	191.5	206.7	222.5	234.3	247.8
-65°	111.2	117.9	123.7	132.4	143.7	152.1	160.4	168.9	181.1	192.6	199.5
-67.5°	94.8	101.3	105.4	108.2	116.0	124.9	131.8	138.2	145.1	155.4	163.9
-70°	76.3	84.8	89.4	91.6	92.4	97.1	104.0	109.2	114.9	124.9	134.2
-72.5°	57.6	66.1	72.4	76.6	76.2	75.6	77.5	81.6	89.5	99.8	108.6
-75°	42.2	47.9	54.5	59.4	59.4	55.9	51.2	50.2	59.9	73.9	85.4
-77.5°	28.9	33.2	37.7	42.3	43.1	41.0	37.4	32.5	38.2	49.8	62.8
-80°	17.8	18.5	21.3	24.3	25.9	25.9	24.5	21.9	25.9	32.4	40.2
-82.5°	10.6	11.3	11.7	11.8	12.0	11.9	11.8	11.8	14.5	18.0	21.9
-85°	4.2	4.2	4.7	5.0	5.6	5.9	6.1	6.1	6.8	7.8	8.9
-87.5°	2.1	2.1	2.0	1.9	2.0	2.1	2.2	2.3	2.1	1.9	1.7
-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: P558931 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7
85°	10.2	10.0	9.6	9.1	8.5	8.7	9.0	9.2	9.4	8.8	8.2
82.5°	26.2	28.1	29.9	31.9	33.9	33.6	32.7	31.3	29.6	26.4	22.8
80°	49.1	53.7	56.7	59.2	61.1	59.2	56.4	53.1	49.4	43.8	37.8
77.5°	76.2	80.8	83.2	86.0	89.2	89.9	90.0	90.3	90.7	80.5	67.5
75°	94.6	100.7	105.7	110.1	114.0	116.0	117.3	118.6	119.8	106.2	88.4
72.5°	116.3	122.2	127.0	131.8	136.0	139.3	141.8	143.9	145.5	134.5	119.0
70°	141.6	147.5	153.0	158.0	162.8	167.2	171.2	174.9	178.3	178.9	179.7
67.5°	170.2	173.7	180.3	186.5	194.0	199.5	205.6	211.3	216.6	221.1	224.8
65°	205.6	218.2	231.0	237.2	237.8	245.7	258.2	265.1	267.2	268.7	272.7
62.5°	265.1	281.3	289.9	301.1	316.4	333.1	339.6	348.8	360.0	372.7	384.2
60°	312.3	326.1	346.8	367.8	386.5	403.5	444.6	481.2	512.5	539.4	565.4
57.5°	371.0	393.8	425.4	482.3	534.3	581.4	661.8	760.0	847.5	924.1	991.4
55°	464.4	530.9	590.8	725.1	868.6	992.8	1109.1	1233.4	1334.7	1413.8	1487.0
52.5°	623.8	806.7	992.1	1166.5	1337.9	1494.0	1634.1	1744.3	1830.3	1894.9	1956.1
50°	998.6	1219.0	1444.9	1652.9	1821.3	1975.2	2121.0	2230.3	2321.8	2400.6	2470.3
47.5°	1407.3	1665.3	1878.7	2070.6	2252.1	2422.8	2582.3	2715.4	2828.1	2932.0	3018.5
45°	1814.0	2044.8	2263.6	2469.3	2666.9	2858.3	3029.8	3181.2	3330.3	3453.5	3551.0
42.5°	2157.8	2402.2	2634.9	2870.4	3091.3	3305.9	3513.2	3697.3	3855.7	3990.3	4098.7
40°	2487.9	2751.3	3027.8	3289.2	3551.5	3796.4	4026.0	4236.2	4416.6	4576.0	4710.9
37.5°	2823.8	3131.3	3435.1	3733.1	4022.0	4288.4	4551.9	4794.4	5005.8	5192.3	5349.0
35°	3178.2	3517.3	3847.9	4183.6	4499.1	4807.4	5098.7	5365.6	5599.7	5819.4	6008.3
32.5°	3533.4	3900.8	4273.0	4636.3	4985.8	5331.1	5650.5	5951.4	6228.1	6471.3	6673.0
30°	3879.2	4283.7	4681.9	5077.7	5476.6	5852.8	6206.6	6537.0	6837.3	7102.3	7331.4
27.5°	4211.0	4645.8	5072.9	5525.6	5959.1	6368.3	6752.7	7108.0	7443.1	7744.5	8004.6
25°	4518.1	4979.9	5477.7	5952.5	6416.3	6870.2	7291.4	7677.3	8060.5	8392.0	8674.5
22.5°	4808.2	5323.5	5847.7	6345.6	6857.4	7356.4	7827.9	8275.1	8684.4	9031.8	9333.0
20°	5084.0	5638.6	6178.7	6729.9	7284.2	7822.6	8341.7	8819.7	9252.2	9630.7	9970.3
17.5°	5344.6	5918.4	6492.4	7081.0	7679.6	8245.6	8795.6	9315.6	9787.7	10207.7	10590.5
15°	5569.9	6162.9	6777.5	7403.1	8029.2	8631.0	9214.7	9781.2	10312.3	10769.5	11155.6
12.5°	5761.4	6379.1	7029.3	7685.7	8345.7	8976.6	9595.3	10201.4	10766.0	11257.5	11653.9
10°	5920.2	6567.5	7246.6	7930.3	8607.2	9262.7	9906.2	10533.3	11139.7	11649.2	12056.3
7.5°	6052.6	6724.7	7419.5	8123.8	8806.8	9487.6	10158.7	10792.2	11389.6	11926.8	12345.2
5°	6151.5	6834.9	7544.3	8266.2	8959.7	9664.7	10355.8	11004.1	11595.6	12082.4	12423.9
2.5°	6225.2	6903.4	7625.3	8352.0	9054.7	9785.1	10490.9	11139.9	11745.3	12206.0	12501.8
0°	6275.3	6941.2	7698.9	8411.5	9125.8	9875.2	10572.8	11228.7	11836.2	12286.8	12592.3
-2.5°	6225.2	6903.4	7625.3	8352.0	9054.7	9785.1	10490.9	11139.9	11745.3	12206.0	12501.8
-5°	6151.5	6834.9	7544.3	8266.2	8959.7	9664.7	10355.8	11004.1	11595.6	12082.4	12423.9
-7.5°	6052.6	6724.7	7419.5	8123.8	8806.8	9487.6	10158.7	10792.2	11389.6	11926.8	12345.2
-10°	5920.2	6567.5	7246.6	7930.3	8607.2	9262.7	9906.2	10533.3	11139.7	11649.2	12056.3
-12.5°	5761.4	6379.1	7029.3	7685.7	8345.7	8976.6	9595.3	10201.4	10766.0	11257.5	11653.9
-15°	5569.9	6162.9	6777.5	7403.1	8029.2	8631.0	9214.7	9781.2	10312.3	10769.5	11155.6
-17.5°	5344.6	5918.4	6492.4	7081.0	7679.6	8245.6	8795.6	9315.6	9787.7	10207.7	10590.5
-20°	5084.0	5638.6	6178.7	6729.9	7284.2	7822.6	8341.7	8819.7	9252.2	9630.7	9970.3



REPORT NUMBER: P558931 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4808.2	5323.5	5847.7	6345.6	6857.4	7356.4	7827.9	8275.1	8684.4	9031.8	9333.0
-25°	4518.1	4979.9	5477.7	5952.5	6416.3	6870.2	7291.4	7677.3	8060.5	8392.0	8674.5
-27.5°	4211.0	4645.8	5072.9	5525.6	5959.1	6368.3	6752.7	7108.0	7443.1	7744.5	8004.6
-30°	3879.2	4283.7	4681.9	5077.7	5476.6	5852.8	6206.6	6537.0	6837.3	7102.3	7331.4
-32.5°	3533.4	3900.8	4273.0	4636.3	4985.8	5331.1	5650.5	5951.4	6228.1	6471.3	6673.0
-35°	3178.2	3517.3	3847.9	4183.6	4499.1	4807.4	5098.7	5365.6	5599.7	5819.4	6008.3
-37.5°	2823.8	3131.3	3435.1	3733.1	4022.0	4288.4	4551.9	4794.4	5005.8	5192.3	5349.0
-40°	2487.9	2751.3	3027.8	3289.2	3551.5	3796.4	4026.0	4236.2	4416.6	4576.0	4710.9
-42.5°	2157.8	2402.2	2634.9	2870.4	3091.3	3305.9	3513.2	3697.3	3855.7	3990.3	4098.7
-45°	1814.0	2044.8	2263.6	2469.3	2666.9	2858.3	3029.8	3181.2	3330.3	3453.5	3551.0
-47.5°	1407.3	1665.3	1878.7	2070.6	2252.1	2422.8	2582.3	2715.4	2828.1	2932.0	3018.5
-50°	998.6	1219.0	1444.9	1652.9	1821.3	1975.2	2121.0	2230.3	2321.8	2400.6	2470.3
-52.5°	623.8	806.7	992.1	1166.5	1337.9	1494.0	1634.1	1744.3	1830.3	1894.9	1956.1
-55°	464.4	530.9	590.8	725.1	868.6	992.8	1109.1	1233.4	1334.7	1413.8	1487.0
-57.5°	371.0	393.8	425.4	482.3	534.3	581.4	661.8	760.0	847.5	924.1	991.4
-60°	312.3	326.1	346.8	367.8	386.5	403.5	444.6	481.2	512.5	539.4	565.4
-62.5°	265.1	281.3	289.9	301.1	316.4	333.1	339.6	348.8	360.0	372.7	384.2
-65°	205.6	218.2	231.0	237.2	237.8	245.7	258.2	265.1	267.2	268.7	272.7
-67.5°	170.2	173.7	180.3	186.5	194.0	199.5	205.6	211.3	216.6	221.1	224.8
-70°	141.6	147.5	153.0	158.0	162.8	167.2	171.2	174.9	178.3	178.9	179.7
-72.5°	116.3	122.2	127.0	131.8	136.0	139.3	141.8	143.9	145.5	134.5	119.0
-75°	94.6	100.7	105.7	110.1	114.0	116.0	117.3	118.6	119.8	106.2	88.4
-77.5°	76.2	80.8	83.2	86.0	89.2	89.9	90.0	90.3	90.7	80.5	67.5
-80°	49.1	53.7	56.7	59.2	61.1	59.2	56.4	53.1	49.4	43.8	37.8
-82.5°	26.2	28.1	29.9	31.9	33.9	33.6	32.7	31.3	29.6	26.4	22.8
-85°	10.2	10.0	9.6	9.1	8.5	8.7	9.0	9.2	9.4	8.8	8.2
-87.5°	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7
-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: P558931 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6
85°	7.4	6.7	6.7	6.7	6.7	6.7	7.4	8.2	8.8	9.4	9.2
82.5°	19.0	15.0	15.8	16.7	15.8	15.0	19.0	22.8	26.4	29.6	31.3
80°	31.5	25.0	25.8	26.7	25.8	25.0	31.5	37.8	43.8	49.4	53.1
77.5°	53.5	38.9	37.5	36.7	37.5	38.9	53.5	67.5	80.5	90.7	90.3
75°	70.0	51.1	50.0	50.1	50.0	51.1	70.0	88.4	106.2	119.8	118.6
72.5°	103.3	87.4	76.3	65.1	76.3	87.4	103.3	119.0	134.5	145.5	143.9
70°	181.6	183.8	182.9	180.2	182.9	183.8	181.6	179.7	178.9	178.3	174.9
67.5°	227.9	230.3	230.8	230.3	230.8	230.3	227.9	224.8	221.1	216.6	211.3
65°	275.4	277.0	278.2	278.7	278.2	277.0	275.4	272.7	268.7	267.2	265.1
62.5°	392.8	398.5	404.6	408.9	404.6	398.5	392.8	384.2	372.7	360.0	348.8
60°	588.1	606.8	615.1	615.8	615.1	606.8	588.1	565.4	539.4	512.5	481.2
57.5°	1045.2	1085.5	1121.4	1148.2	1121.4	1085.5	1045.2	991.4	924.1	847.5	760.0
55°	1545.4	1588.2	1612.4	1618.9	1612.4	1588.2	1545.4	1487.0	1413.8	1334.7	1233.4
52.5°	2002.5	2031.0	2058.0	2081.2	2058.0	2031.0	2002.5	1956.1	1894.9	1830.3	1744.3
50°	2522.9	2554.6	2581.4	2601.9	2581.4	2554.6	2522.9	2470.3	2400.6	2321.8	2230.3
47.5°	3079.3	3118.1	3146.7	3166.0	3146.7	3118.1	3079.3	3018.5	2932.0	2828.1	2715.4
45°	3634.4	3700.9	3741.4	3748.5	3741.4	3700.9	3634.4	3551.0	3453.5	3330.3	3181.2
42.5°	4192.4	4256.1	4299.1	4330.9	4299.1	4256.1	4192.4	4098.7	3990.3	3855.7	3697.3
40°	4823.4	4903.5	4940.2	4916.7	4940.2	4903.5	4823.4	4710.9	4576.0	4416.6	4236.2
37.5°	5469.8	5552.2	5594.6	5592.7	5594.6	5552.2	5469.8	5349.0	5192.3	5005.8	4794.4
35°	6155.1	6257.3	6312.6	6298.6	6312.6	6257.3	6155.1	6008.3	5819.4	5599.7	5365.6
32.5°	6834.1	6957.5	7037.3	7049.7	7037.3	6957.5	6834.1	6673.0	6471.3	6228.1	5951.4
30°	7515.2	7648.6	7727.9	7735.6	7727.9	7648.6	7515.2	7331.4	7102.3	6837.3	6537.0
27.5°	8222.9	8372.1	8455.1	8474.9	8455.1	8372.1	8222.9	8004.6	7744.5	7443.1	7108.0
25°	8915.3	9080.9	9176.1	9212.6	9176.1	9080.9	8915.3	8674.5	8392.0	8060.5	7677.3
22.5°	9582.9	9764.6	9888.7	9920.3	9888.7	9764.6	9582.9	9333.0	9031.8	8684.4	8275.1
20°	10252.5	10466.9	10625.6	10641.3	10625.6	10466.9	10252.5	9970.3	9630.7	9252.2	8819.7
17.5°	10897.2	11129.2	11299.1	11340.5	11299.1	11129.2	10897.2	10590.5	10207.7	9787.7	9315.6
15°	11474.4	11717.9	11881.9	11918.0	11881.9	11717.9	11474.4	11155.6	10769.5	10312.3	9781.2
12.5°	11972.5	12197.0	12350.1	12408.7	12350.1	12197.0	11972.5	11653.9	11257.5	10766.0	10201.4
10°	12373.8	12547.2	12684.0	12745.8	12684.0	12547.2	12373.8	12056.3	11649.2	11139.7	10533.3
7.5°	12597.8	12740.4	12835.2	12869.3	12835.2	12740.4	12597.8	12345.2	11926.8	11389.6	10792.2
5°	12686.4	12823.1	12874.4	12904.4	12874.4	12823.1	12686.4	12423.9	12082.4	11595.6	11004.1
2.5°	12698.4	12807.9	12913.4	12982.8	12913.4	12807.9	12698.4	12501.8	12206.0	11745.3	11139.9
0°	12769.2	12876.0	12934.4	12967.8	12934.4	12876.0	12769.2	12592.3	12286.8	11836.2	11228.7
-2.5°	12698.4	12807.9	12913.4	12982.8	12913.4	12807.9	12698.4	12501.8	12206.0	11745.3	11139.9
-5°	12686.4	12823.1	12874.4	12904.4	12874.4	12823.1	12686.4	12423.9	12082.4	11595.6	11004.1
-7.5°	12597.8	12740.4	12835.2	12869.3	12835.2	12740.4	12597.8	12345.2	11926.8	11389.6	10792.2
-10°	12373.8	12547.2	12684.0	12745.8	12684.0	12547.2	12373.8	12056.3	11649.2	11139.7	10533.3
-12.5°	11972.5	12197.0	12350.1	12408.7	12350.1	12197.0	11972.5	11653.9	11257.5	10766.0	10201.4
-15°	11474.4	11717.9	11881.9	11918.0	11881.9	11717.9	11474.4	11155.6	10769.5	10312.3	9781.2
-17.5°	10897.2	11129.2	11299.1	11340.5	11299.1	11129.2	10897.2	10590.5	10207.7	9787.7	9315.6
-20°	10252.5	10466.9	10625.6	10641.3	10625.6	10466.9	10252.5	9970.3	9630.7	9252.2	8819.7



REPORT NUMBER: P558931 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9582.9	9764.6	9888.7	9920.3	9888.7	9764.6	9582.9	9333.0	9031.8	8684.4	8275.1
-25°	8915.3	9080.9	9176.1	9212.6	9176.1	9080.9	8915.3	8674.5	8392.0	8060.5	7677.3
-27.5°	8222.9	8372.1	8455.1	8474.9	8455.1	8372.1	8222.9	8004.6	7744.5	7443.1	7108.0
-30°	7515.2	7648.6	7727.9	7735.6	7727.9	7648.6	7515.2	7331.4	7102.3	6837.3	6537.0
-32.5°	6834.1	6957.5	7037.3	7049.7	7037.3	6957.5	6834.1	6673.0	6471.3	6228.1	5951.4
-35°	6155.1	6257.3	6312.6	6298.6	6312.6	6257.3	6155.1	6008.3	5819.4	5599.7	5365.6
-37.5°	5469.8	5552.2	5594.6	5592.7	5594.6	5552.2	5469.8	5349.0	5192.3	5005.8	4794.4
-40°	4823.4	4903.5	4940.2	4916.7	4940.2	4903.5	4823.4	4710.9	4576.0	4416.6	4236.2
-42.5°	4192.4	4256.1	4299.1	4330.9	4299.1	4256.1	4192.4	4098.7	3990.3	3855.7	3697.3
-45°	3634.4	3700.9	3741.4	3748.5	3741.4	3700.9	3634.4	3551.0	3453.5	3330.3	3181.2
-47.5°	3079.3	3118.1	3146.7	3166.0	3146.7	3118.1	3079.3	3018.5	2932.0	2828.1	2715.4
-50°	2522.9	2554.6	2581.4	2601.9	2581.4	2554.6	2522.9	2470.3	2400.6	2321.8	2230.3
-52.5°	2002.5	2031.0	2058.0	2081.2	2058.0	2031.0	2002.5	1956.1	1894.9	1830.3	1744.3
-55°	1545.4	1588.2	1612.4	1618.9	1612.4	1588.2	1545.4	1487.0	1413.8	1334.7	1233.4
-57.5°	1045.2	1085.5	1121.4	1148.2	1121.4	1085.5	1045.2	991.4	924.1	847.5	760.0
-60°	588.1	606.8	615.1	615.8	615.1	606.8	588.1	565.4	539.4	512.5	481.2
-62.5°	392.8	398.5	404.6	408.9	404.6	398.5	392.8	384.2	372.7	360.0	348.8
-65°	275.4	277.0	278.2	278.7	278.2	277.0	275.4	272.7	268.7	267.2	265.1
-67.5°	227.9	230.3	230.8	230.3	230.8	230.3	227.9	224.8	221.1	216.6	211.3
-70°	181.6	183.8	182.9	180.2	182.9	183.8	181.6	179.7	178.9	178.3	174.9
-72.5°	103.3	87.4	76.3	65.1	76.3	87.4	103.3	119.0	134.5	145.5	143.9
-75°	70.0	51.1	50.0	50.1	50.0	51.1	70.0	88.4	106.2	119.8	118.6
-77.5°	53.5	38.9	37.5	36.7	37.5	38.9	53.5	67.5	80.5	90.7	90.3
-80°	31.5	25.0	25.8	26.7	25.8	25.0	31.5	37.8	43.8	49.4	53.1
-82.5°	19.0	15.0	15.8	16.7	15.8	15.0	19.0	22.8	26.4	29.6	31.3
-85°	7.4	6.7	6.7	6.7	6.7	6.7	7.4	8.2	8.8	9.4	9.2
-87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6
-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: P558931 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.7	1.9	2.1	2.3
85°	9.0	8.7	8.5	9.1	9.6	10.0	10.2	8.9	7.8	6.8	6.1
82.5°	32.7	33.6	33.9	31.9	29.9	28.1	26.2	21.9	18.0	14.5	11.8
80°	56.4	59.2	61.1	59.2	56.7	53.7	49.1	40.2	32.4	25.9	21.9
77.5°	90.0	89.9	89.2	86.0	83.2	80.8	76.2	62.8	49.8	38.2	32.5
75°	117.3	116.0	114.0	110.1	105.7	100.7	94.6	85.4	73.9	59.9	50.2
72.5°	141.8	139.3	136.0	131.8	127.0	122.2	116.3	108.6	99.8	89.5	81.6
70°	171.2	167.2	162.8	158.0	153.0	147.5	141.6	134.2	124.9	114.9	109.2
67.5°	205.6	199.5	194.0	186.5	180.3	173.7	170.2	163.9	155.4	145.1	138.2
65°	258.2	245.7	237.8	237.2	231.0	218.2	205.6	199.5	192.6	181.1	168.9
62.5°	339.6	333.1	316.4	301.1	289.9	281.3	265.1	247.8	234.3	222.5	206.7
60°	444.6	403.5	386.5	367.8	346.8	326.1	312.3	295.5	275.6	259.8	243.6
57.5°	661.8	581.4	534.3	482.3	425.4	393.8	371.0	344.6	322.2	300.2	279.8
55°	1109.1	992.8	868.6	725.1	590.8	530.9	464.4	412.1	379.7	342.7	318.3
52.5°	1634.1	1494.0	1337.9	1166.5	992.1	806.7	623.8	546.2	457.0	402.0	361.2
50°	2121.0	1975.2	1821.3	1652.9	1444.9	1219.0	998.6	778.8	599.2	496.7	414.8
47.5°	2582.3	2422.8	2252.1	2070.6	1878.7	1665.3	1407.3	1136.6	882.1	626.6	515.1
45°	3029.8	2858.3	2666.9	2469.3	2263.6	2044.8	1814.0	1536.2	1230.1	936.3	632.8
42.5°	3513.2	3305.9	3091.3	2870.4	2634.9	2402.2	2157.8	1897.3	1603.5	1266.1	937.6
40°	4026.0	3796.4	3551.5	3289.2	3027.8	2751.3	2487.9	2213.9	1928.0	1609.2	1239.0
37.5°	4551.9	4288.4	4022.0	3733.1	3435.1	3131.3	2823.8	2522.0	2216.7	1905.1	1546.6
35°	5098.7	4807.4	4499.1	4183.6	3847.9	3517.3	3178.2	2835.4	2501.4	2168.8	1826.1
32.5°	5650.5	5331.1	4985.8	4636.3	4273.0	3900.8	3533.4	3161.2	2779.7	2425.0	2066.2
30°	6206.6	5852.8	5476.6	5077.7	4681.9	4283.7	3879.2	3471.1	3062.5	2668.6	2296.5
27.5°	6752.7	6368.3	5959.1	5525.6	5072.9	4645.8	4211.0	3768.7	3328.8	2909.3	2509.9
25°	7291.4	6870.2	6416.3	5952.5	5477.7	4979.9	4518.1	4053.0	3590.1	3134.2	2702.9
22.5°	7827.9	7356.4	6857.4	6345.6	5847.7	5323.5	4808.2	4314.3	3831.4	3348.2	2891.7
20°	8341.7	7822.6	7284.2	6729.9	6178.7	5638.6	5084.0	4558.9	4048.9	3548.5	3067.1
17.5°	8795.6	8245.6	7679.6	7081.0	6492.4	5918.4	5344.6	4783.0	4245.7	3722.6	3226.0
15°	9214.7	8631.0	8029.2	7403.1	6777.5	6162.9	5569.9	4980.2	4422.3	3877.4	3367.0
12.5°	9595.3	8976.6	8345.7	7685.7	7029.3	6379.1	5761.4	5158.0	4576.6	4015.3	3485.9
10°	9906.2	9262.7	8607.2	7930.3	7246.6	6567.5	5920.2	5301.4	4700.8	4125.1	3584.9
7.5°	10158.7	9487.6	8806.8	8123.8	7419.5	6724.7	6052.6	5409.8	4797.8	4205.4	3662.9
5°	10355.8	9664.7	8959.7	8266.2	7544.3	6834.9	6151.5	5482.7	4865.9	4256.9	3719.0
2.5°	10490.9	9785.1	9054.7	8352.0	7625.3	6903.4	6225.2	5539.2	4914.4	4311.2	3768.1
0°	10572.8	9875.2	9125.8	8411.5	7698.9	6941.2	6275.3	5577.6	4935.1	4346.0	3793.5
-2.5°	10490.9	9785.1	9054.7	8352.0	7625.3	6903.4	6225.2	5539.2	4914.4	4311.2	3768.1
-5°	10355.8	9664.7	8959.7	8266.2	7544.3	6834.9	6151.5	5482.7	4865.9	4256.9	3719.0
-7.5°	10158.7	9487.6	8806.8	8123.8	7419.5	6724.7	6052.6	5409.8	4797.8	4205.4	3662.9
-10°	9906.2	9262.7	8607.2	7930.3	7246.6	6567.5	5920.2	5301.4	4700.8	4125.1	3584.9
-12.5°	9595.3	8976.6	8345.7	7685.7	7029.3	6379.1	5761.4	5158.0	4576.6	4015.3	3485.9
-15°	9214.7	8631.0	8029.2	7403.1	6777.5	6162.9	5569.9	4980.2	4422.3	3877.4	3367.0
-17.5°	8795.6	8245.6	7679.6	7081.0	6492.4	5918.4	5344.6	4783.0	4245.7	3722.6	3226.0
-20°	8341.7	7822.6	7284.2	6729.9	6178.7	5638.6	5084.0	4558.9	4048.9	3548.5	3067.1



REPORT NUMBER: P558931 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7827.9	7356.4	6857.4	6345.6	5847.7	5323.5	4808.2	4314.3	3831.4	3348.2	2891.7
-25°	7291.4	6870.2	6416.3	5952.5	5477.7	4979.9	4518.1	4053.0	3590.1	3134.2	2702.9
-27.5°	6752.7	6368.3	5959.1	5525.6	5072.9	4645.8	4211.0	3768.7	3328.8	2909.3	2509.9
-30°	6206.6	5852.8	5476.6	5077.7	4681.9	4283.7	3879.2	3471.1	3062.5	2668.6	2296.5
-32.5°	5650.5	5331.1	4985.8	4636.3	4273.0	3900.8	3533.4	3161.2	2779.7	2425.0	2066.2
-35°	5098.7	4807.4	4499.1	4183.6	3847.9	3517.3	3178.2	2835.4	2501.4	2168.8	1826.1
-37.5°	4551.9	4288.4	4022.0	3733.1	3435.1	3131.3	2823.8	2522.0	2216.7	1905.1	1546.6
-40°	4026.0	3796.4	3551.5	3289.2	3027.8	2751.3	2487.9	2213.9	1928.0	1609.2	1239.0
-42.5°	3513.2	3305.9	3091.3	2870.4	2634.9	2402.2	2157.8	1897.3	1603.5	1266.1	937.6
-45°	3029.8	2858.3	2666.9	2469.3	2263.6	2044.8	1814.0	1536.2	1230.1	936.3	632.8
-47.5°	2582.3	2422.8	2252.1	2070.6	1878.7	1665.3	1407.3	1136.6	882.1	626.6	515.1
-50°	2121.0	1975.2	1821.3	1652.9	1444.9	1219.0	998.6	778.8	599.2	496.7	414.8
-52.5°	1634.1	1494.0	1337.9	1166.5	992.1	806.7	623.8	546.2	457.0	402.0	361.2
-55°	1109.1	992.8	868.6	725.1	590.8	530.9	464.4	412.1	379.7	342.7	318.3
-57.5°	661.8	581.4	534.3	482.3	425.4	393.8	371.0	344.6	322.2	300.2	279.8
-60°	444.6	403.5	386.5	367.8	346.8	326.1	312.3	295.5	275.6	259.8	243.6
-62.5°	339.6	333.1	316.4	301.1	289.9	281.3	265.1	247.8	234.3	222.5	206.7
-65°	258.2	245.7	237.8	237.2	231.0	218.2	205.6	199.5	192.6	181.1	168.9
-67.5°	205.6	199.5	194.0	186.5	180.3	173.7	170.2	163.9	155.4	145.1	138.2
-70°	171.2	167.2	162.8	158.0	153.0	147.5	141.6	134.2	124.9	114.9	109.2
-72.5°	141.8	139.3	136.0	131.8	127.0	122.2	116.3	108.6	99.8	89.5	81.6
-75°	117.3	116.0	114.0	110.1	105.7	100.7	94.6	85.4	73.9	59.9	50.2
-77.5°	90.0	89.9	89.2	86.0	83.2	80.8	76.2	62.8	49.8	38.2	32.5
-80°	56.4	59.2	61.1	59.2	56.7	53.7	49.1	40.2	32.4	25.9	21.9
-82.5°	32.7	33.6	33.9	31.9	29.9	28.1	26.2	21.9	18.0	14.5	11.8
-85°	9.0	8.7	8.5	9.1	9.6	10.0	10.2	8.9	7.8	6.8	6.1
-87.5°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.7	1.9	2.1	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: P558931 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.2	2.1	2.0	1.9	2.0	2.1	2.1	2.1	1.9	1.7	1.5
85°	6.1	5.9	5.6	5.0	4.7	4.2	4.2	4.2	3.8	3.4	3.0
82.5°	11.8	11.9	12.0	11.8	11.7	11.3	10.6	9.4	7.4	5.4	4.5
80°	24.5	25.9	25.9	24.3	21.3	18.5	17.8	16.4	13.5	10.7	8.0
77.5°	37.4	41.0	43.1	42.3	37.7	33.2	28.9	24.4	19.6	16.0	12.6
75°	51.2	55.9	59.4	59.4	54.5	47.9	42.2	36.1	28.9	21.6	17.0
72.5°	77.5	75.6	76.2	76.6	72.4	66.1	57.6	47.7	39.4	31.0	22.4
70°	104.0	97.1	92.4	91.6	89.4	84.8	76.3	63.4	49.8	40.2	30.5
67.5°	131.8	124.9	116.0	108.2	105.4	101.3	94.8	79.8	63.6	49.3	38.5
65°	160.4	152.1	143.7	132.4	123.7	117.9	111.2	95.2	77.0	60.5	46.3
62.5°	191.5	178.1	167.4	155.1	143.3	134.4	127.4	110.0	90.0	71.2	54.8
60°	225.8	208.6	191.2	176.5	162.5	150.0	139.9	124.8	104.1	81.3	63.1
57.5°	260.6	239.6	217.8	198.4	181.9	166.3	151.8	137.3	118.2	93.7	70.7
55°	295.6	272.2	244.5	220.8	201.2	183.7	164.8	148.5	131.5	106.7	76.6
52.5°	329.4	302.8	273.2	243.7	219.8	200.0	179.1	159.8	141.9	119.6	85.3
50°	370.6	332.1	301.0	269.1	238.1	215.1	192.5	171.6	152.2	131.4	93.4
47.5°	418.3	369.6	328.5	293.8	260.3	229.8	205.9	182.8	162.4	140.6	100.5
45°	513.5	412.2	360.7	319.3	281.3	247.6	219.2	193.2	171.6	144.6	106.4
42.5°	622.2	491.8	398.5	344.4	303.9	265.4	232.2	204.7	180.2	147.2	109.8
40°	884.0	591.1	449.4	377.9	326.6	282.0	246.9	216.1	187.5	148.7	111.0
37.5°	1152.8	775.6	539.0	410.5	350.7	302.3	260.8	227.2	190.6	150.3	111.4
35°	1425.6	1016.6	626.8	469.4	379.7	322.0	273.4	238.1	197.6	151.9	110.8
32.5°	1684.7	1249.4	828.2	547.3	407.5	341.0	288.4	249.0	206.5	153.4	109.3
30°	1906.8	1475.6	1027.6	621.6	446.3	364.6	304.9	259.3	217.1	154.9	107.7
27.5°	2108.9	1686.8	1215.2	765.8	510.5	387.4	320.5	269.0	229.3	158.7	108.0
25°	2294.7	1867.0	1396.3	923.8	570.7	409.0	334.6	278.2	238.9	166.9	108.1
22.5°	2459.0	2027.3	1561.9	1067.8	625.0	430.0	349.8	289.9	246.2	175.6	107.9
20°	2606.3	2173.0	1712.3	1200.7	714.3	475.0	366.3	300.4	252.8	184.5	107.3
17.5°	2738.9	2299.7	1838.9	1326.8	821.0	514.8	381.3	309.5	258.8	193.5	106.3
15°	2868.3	2407.3	1946.3	1438.3	915.1	549.2	394.7	317.3	264.1	202.3	105.7
12.5°	2977.0	2499.4	2036.9	1534.7	995.9	578.3	406.5	323.8	268.6	210.1	105.0
10°	3064.3	2575.3	2110.6	1615.3	1063.1	602.0	416.6	328.6	272.0	216.5	102.9
7.5°	3130.2	2634.8	2167.4	1679.7	1116.3	621.6	423.1	331.5	274.8	221.6	99.6
5°	3177.6	2679.7	2208.9	1727.3	1154.7	637.5	427.1	332.9	276.9	225.3	95.4
2.5°	3216.8	2711.1	2234.8	1757.8	1178.1	648.5	429.1	333.1	278.2	227.1	90.5
0°	3236.1	2725.4	2244.7	1770.8	1186.6	654.2	428.9	332.1	278.7	227.0	85.1
-2.5°	3216.8	2711.1	2234.8	1757.8	1178.1	648.5	429.1	333.1	278.2	227.1	90.5
-5°	3177.6	2679.7	2208.9	1727.3	1154.7	637.5	427.1	332.9	276.9	225.3	95.4
-7.5°	3130.2	2634.8	2167.4	1679.7	1116.3	621.6	423.1	331.5	274.8	221.6	99.6
-10°	3064.3	2575.3	2110.6	1615.3	1063.1	602.0	416.6	328.6	272.0	216.5	102.9
-12.5°	2977.0	2499.4	2036.9	1534.7	995.9	578.3	406.5	323.8	268.6	210.1	105.0
-15°	2868.3	2407.3	1946.3	1438.3	915.1	549.2	394.7	317.3	264.1	202.3	105.7
-17.5°	2738.9	2299.7	1838.9	1326.8	821.0	514.8	381.3	309.5	258.8	193.5	106.3
-20°	2606.3	2173.0	1712.3	1200.7	714.3	475.0	366.3	300.4	252.8	184.5	107.3



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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°	2459.0	2027.3	1561.9	1067.8	625.0	430.0	349.8	289.9	246.2	175.6	107.9
-25°	2294.7	1867.0	1396.3	923.8	570.7	409.0	334.6	278.2	238.9	166.9	108.1
-27.5°	2108.9	1686.8	1215.2	765.8	510.5	387.4	320.5	269.0	229.3	158.7	108.0
-30°	1906.8	1475.6	1027.6	621.6	446.3	364.6	304.9	259.3	217.1	154.9	107.7
-32.5°	1684.7	1249.4	828.2	547.3	407.5	341.0	288.4	249.0	206.5	153.4	109.3
-35°	1425.6	1016.6	626.8	469.4	379.7	322.0	273.4	238.1	197.6	151.9	110.8
-37.5°	1152.8	775.6	539.0	410.5	350.7	302.3	260.8	227.2	190.6	150.3	111.4
-40°	884.0	591.1	449.4	377.9	326.6	282.0	246.9	216.1	187.5	148.7	111.0
-42.5°	622.2	491.8	398.5	344.4	303.9	265.4	232.2	204.7	180.2	147.2	109.8
-45°	513.5	412.2	360.7	319.3	281.3	247.6	219.2	193.2	171.6	144.6	106.4
-47.5°	418.3	369.6	328.5	293.8	260.3	229.8	205.9	182.8	162.4	140.6	100.5
-50°	370.6	332.1	301.0	269.1	238.1	215.1	192.5	171.6	152.2	131.4	93.4
-52.5°	329.4	302.8	273.2	243.7	219.8	200.0	179.1	159.8	141.9	119.6	85.3
-55°	295.6	272.2	244.5	220.8	201.2	183.7	164.8	148.5	131.5	106.7	76.6
-57.5°	260.6	239.6	217.8	198.4	181.9	166.3	151.8	137.3	118.2	93.7	70.7
-60°	225.8	208.6	191.2	176.5	162.5	150.0	139.9	124.8	104.1	81.3	63.1
-62.5°	191.5	178.1	167.4	155.1	143.3	134.4	127.4	110.0	90.0	71.2	54.8
-65°	160.4	152.1	143.7	132.4	123.7	117.9	111.2	95.2	77.0	60.5	46.3
-67.5°	131.8	124.9	116.0	108.2	105.4	101.3	94.8	79.8	63.6	49.3	38.5
-70°	104.0	97.1	92.4	91.6	89.4	84.8	76.3	63.4	49.8	40.2	30.5
-72.5°	77.5	75.6	76.2	76.6	72.4	66.1	57.6	47.7	39.4	31.0	22.4
-75°	51.2	55.9	59.4	59.4	54.5	47.9	42.2	36.1	28.9	21.6	17.0
-77.5°	37.4	41.0	43.1	42.3	37.7	33.2	28.9	24.4	19.6	16.0	12.6
-80°	24.5	25.9	25.9	24.3	21.3	18.5	17.8	16.4	13.5	10.7	8.0
-82.5°	11.8	11.9	12.0	11.8	11.7	11.3	10.6	9.4	7.4	5.4	4.5
-85°	6.1	5.9	5.6	5.0	4.7	4.2	4.2	4.2	3.8	3.4	3.0
-87.5°	2.2	2.1	2.0	1.9	2.0	2.1	2.1	2.1	1.9	1.7	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
85°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
82.5°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
80°	5.5	4.3	3.5	2.6	1.7	0.9	0.0
77.5°	9.2	5.9	4.3	3.2	2.2	1.1	0.0
75°	12.8	8.6	5.3	3.9	2.6	1.3	0.0
72.5°	16.3	11.1	7.1	4.5	3.0	1.5	0.0
70°	20.1	13.6	8.7	5.2	3.4	1.7	0.0
67.5°	26.3	15.9	10.4	6.2	3.8	1.9	0.0
65°	32.0	19.1	11.9	7.2	4.2	2.1	0.0
62.5°	37.4	22.8	13.3	8.1	4.6	2.3	0.0
60°	42.3	26.3	14.7	8.9	5.0	2.5	0.0
57.5°	47.2	29.5	16.7	9.8	5.5	2.7	0.0
55°	51.6	32.2	18.6	10.5	6.0	2.9	0.0
52.5°	55.4	34.7	20.3	11.2	6.5	3.0	0.0
50°	58.5	37.0	21.7	11.8	6.9	3.2	0.0
47.5°	61.4	38.8	22.8	12.4	7.3	3.4	0.0
45°	66.4	40.2	23.7	13.0	7.8	3.5	0.0
42.5°	70.5	41.2	24.4	13.5	8.2	3.7	0.0
40°	73.8	41.6	24.8	14.2	8.6	3.8	0.0
37.5°	76.3	41.6	25.0	14.8	8.9	4.0	0.0
35°	78.0	42.6	25.0	15.5	9.3	4.1	0.0
32.5°	78.3	43.7	24.6	16.1	9.6	4.2	0.0
30°	76.8	44.3	24.0	16.6	9.9	4.3	0.0
27.5°	74.7	44.3	24.6	17.2	10.2	4.4	0.0
25°	72.0	43.8	25.4	17.7	10.4	4.5	0.0
22.5°	68.7	43.8	26.1	18.1	10.7	4.6	0.0
20°	64.9	45.8	26.7	18.5	10.9	4.7	0.0
17.5°	64.2	47.6	27.3	18.8	11.1	4.8	0.0
15°	65.5	49.2	27.9	19.1	11.2	4.8	0.0
12.5°	66.7	50.5	28.4	19.4	11.4	4.9	0.0
10°	67.7	51.5	28.9	19.6	11.5	4.9	0.0
7.5°	68.6	52.4	29.2	19.8	11.6	5.0	0.0
5°	69.3	52.9	29.6	19.9	11.6	5.0	0.0
2.5°	69.8	53.3	29.8	20.0	11.7	5.0	0.0
0°	70.1	53.4	30.0	20.0	11.7	5.0	0.0
-2.5°	69.8	53.3	29.8	20.0	11.7	5.0	0.0
-5°	69.3	52.9	29.6	19.9	11.6	5.0	0.0
-7.5°	68.6	52.4	29.2	19.8	11.6	5.0	0.0
-10°	67.7	51.5	28.9	19.6	11.5	4.9	0.0
-12.5°	66.7	50.5	28.4	19.4	11.4	4.9	0.0
-15°	65.5	49.2	27.9	19.1	11.2	4.8	0.0
-17.5°	64.2	47.6	27.3	18.8	11.1	4.8	0.0
-20°	64.9	45.8	26.7	18.5	10.9	4.7	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	68.7	43.8	26.1	18.1	10.7	4.6	0.0
-25°	72.0	43.8	25.4	17.7	10.4	4.5	0.0
-27.5°	74.7	44.3	24.6	17.2	10.2	4.4	0.0
-30°	76.8	44.3	24.0	16.6	9.9	4.3	0.0
-32.5°	78.3	43.7	24.6	16.1	9.6	4.2	0.0
-35°	78.0	42.6	25.0	15.5	9.3	4.1	0.0
-37.5°	76.3	41.6	25.0	14.8	8.9	4.0	0.0
-40°	73.8	41.6	24.8	14.2	8.6	3.8	0.0
-42.5°	70.5	41.2	24.4	13.5	8.2	3.7	0.0
-45°	66.4	40.2	23.7	13.0	7.8	3.5	0.0
-47.5°	61.4	38.8	22.8	12.4	7.3	3.4	0.0
-50°	58.5	37.0	21.7	11.8	6.9	3.2	0.0
-52.5°	55.4	34.7	20.3	11.2	6.5	3.0	0.0
-55°	51.6	32.2	18.6	10.5	6.0	2.9	0.0
-57.5°	47.2	29.5	16.7	9.8	5.5	2.7	0.0
-60°	42.3	26.3	14.7	8.9	5.0	2.5	0.0
-62.5°	37.4	22.8	13.3	8.1	4.6	2.3	0.0
-65°	32.0	19.1	11.9	7.2	4.2	2.1	0.0
-67.5°	26.3	15.9	10.4	6.2	3.8	1.9	0.0
-70°	20.1	13.6	8.7	5.2	3.4	1.7	0.0
-72.5°	16.3	11.1	7.1	4.5	3.0	1.5	0.0
-75°	12.8	8.6	5.3	3.9	2.6	1.3	0.0
-77.5°	9.2	5.9	4.3	3.2	2.2	1.1	0.0
-80°	5.5	4.3	3.5	2.6	1.7	0.9	0.0
-82.5°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
-85°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
-87.5°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)