

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: P559163 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-940-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559163 (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-SA6B-940-U-WR-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, WIDE SYMMETRICAL ROUND N6
Light Source: (96) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

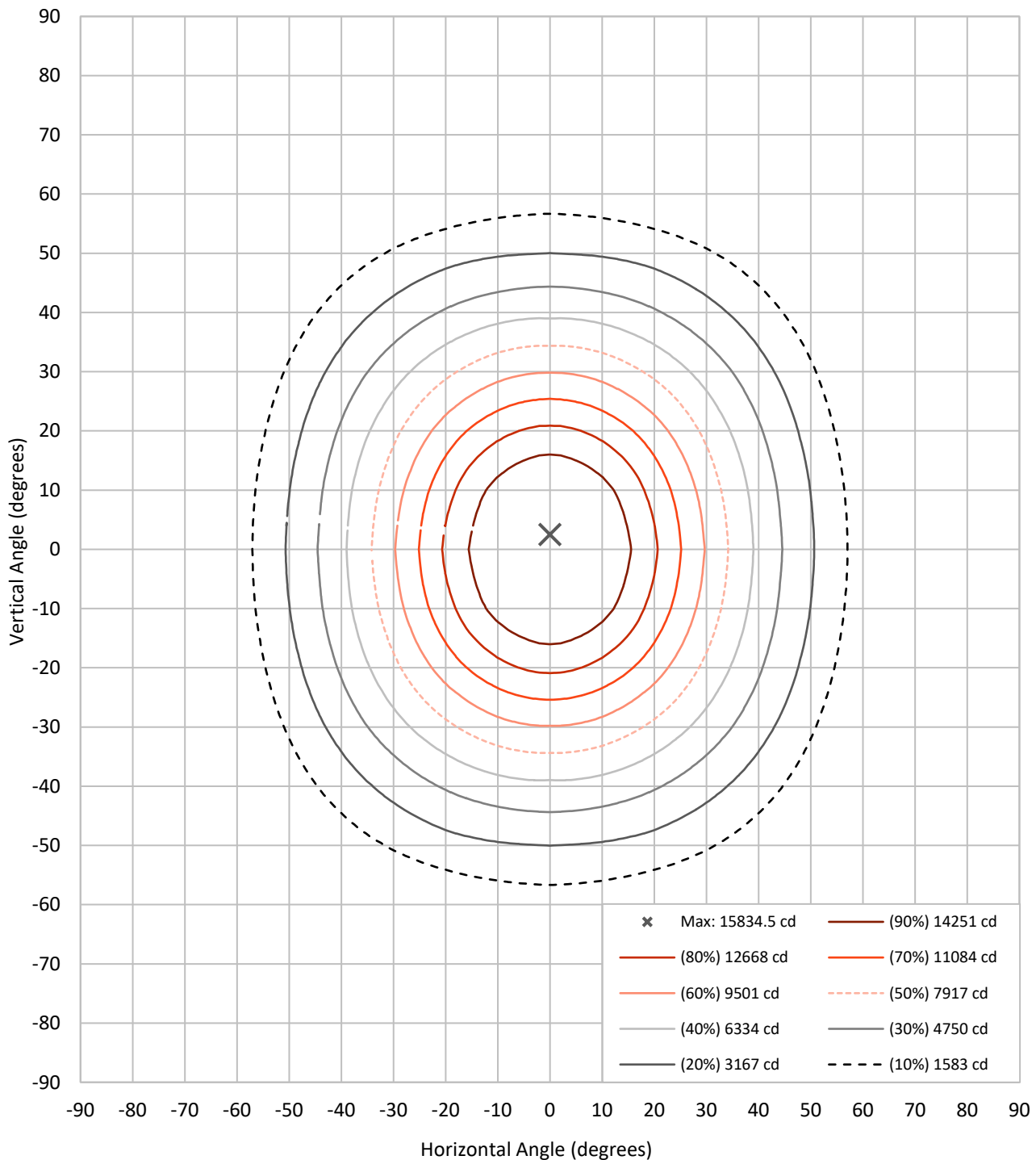
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	21430.5 lumens	Max Intensity:	15834.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	115.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	12849.1 lumens	Field Lumens:	20471.9 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 185
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





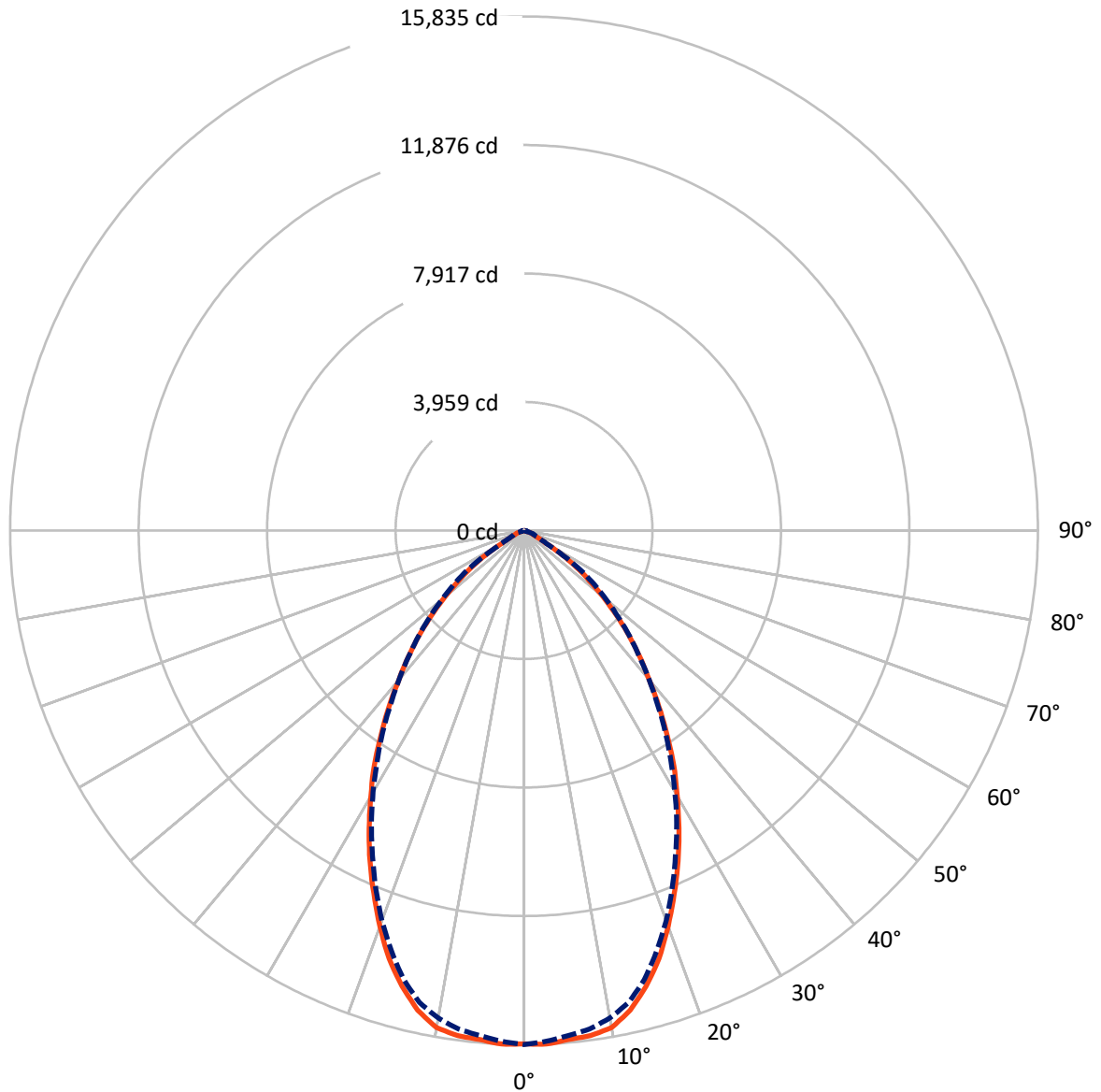
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Lumen Table

90																			
80	0.2	2.1		5.1		9.0		6.3		9.0		5.1		2.1		0.2			
70																			
60	1.0	1.5	2.9	4.6	6.6	8.6	10.6	12.0	12.0	10.6	8.6	6.6	4.6	2.9	1.5	1.0			
50		2.3	4.8	8.6	16.6	32.2	48.3	57.8	57.8	48.3	32.2	16.6	8.6	4.8	2.3				
40	1.7	3.1	7.0	20.5	54.0	89.8	119.5	136.2	136.2	119.5	89.8	54.0	20.5	7.0	3.1	1.7			
30		3.8	12.1	47.3	97.0	151.4	200.6	230.1	230.1	200.6	151.4	97.0	47.3	12.1	3.8				
20	1.8	4.6	21.9	71.6	137.6	215.3	287.8	333.4	333.4	287.8	215.3	137.6	71.6	21.9	4.6	1.8			
10		5.4	31.3	89.1	169.6	269.1	366.5	428.1	428.1	366.5	269.1	169.6	89.1	31.3	5.4				
0	1.9	5.9	36.5	98.4	187.6	300.7	411.6	470.6	470.6	411.6	300.7	187.6	98.4	36.5	5.9	1.9			
-10		5.9	36.5	98.4	187.6	300.7	411.6	470.6	470.6	411.6	300.7	187.6	98.4	36.5	5.9				
-20	1.8	5.4	31.3	89.1	169.6	269.1	366.5	428.1	428.1	366.5	269.1	169.6	89.1	31.3	5.4	1.8			
-30		4.6	21.9	71.6	137.6	215.3	287.8	333.4	333.4	287.8	215.3	137.6	71.6	21.9	4.6				
-40	1.7	3.8	12.1	47.3	97.0	151.4	200.6	230.1	230.1	200.6	151.4	97.0	47.3	12.1	3.8	1.7			
-50		3.1	7.0	20.5	54.0	89.8	119.5	136.2	136.2	119.5	89.8	54.0	20.5	7.0	3.1				
-60	1.0	2.3	4.8	8.6	16.6	32.2	48.3	57.8	57.8	48.3	32.2	16.6	8.6	4.8	2.3	1.0			
-70		1.5	2.9	4.6	6.6	8.6	10.6	12.0	12.0	10.6	8.6	6.6	4.6	2.9	1.5				
-80	0.2	2.1		5.1		9.0		6.3		9.0		5.1		2.1		0.2			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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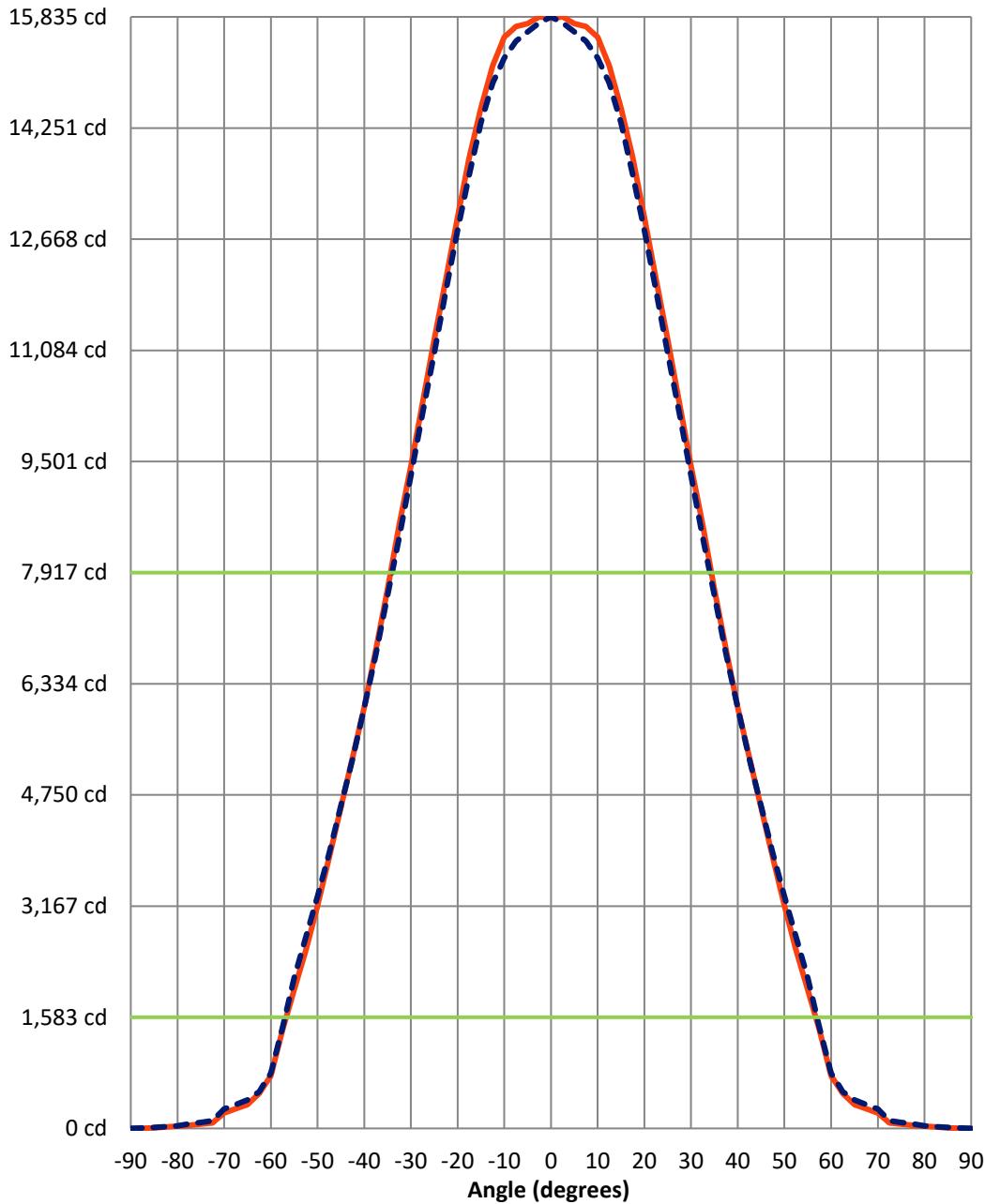
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 68°
V Angle: 68.7°
Lumens: 12849.1
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 20471.9
Efficiency: 95.5%

Spill:
Lumens: 958.6
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	0.3	0.5	0.8	1.1	1.3	1.6	1.8	2.1	2.3	2.6
85°	0.0	0.5	1.1	1.6	2.1	2.6	3.2	3.7	4.2	4.7	5.2
82.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.7	5.5	6.6	9.0	11.5
80°	0.0	1.1	2.1	3.2	4.2	5.3	6.6	9.8	13.1	16.5	20.0
77.5°	0.0	1.3	2.6	4.0	5.3	7.2	11.2	15.3	19.5	23.9	29.8
75°	0.0	1.6	3.2	4.7	6.5	10.5	15.6	20.8	26.4	35.3	44.1
72.5°	0.0	1.8	3.7	5.5	8.6	13.6	19.9	27.4	37.8	48.0	58.1
70°	0.0	2.1	4.2	6.3	10.7	16.6	24.5	37.2	49.0	60.7	77.4
67.5°	0.0	2.3	4.7	7.6	12.6	19.4	32.0	46.9	60.1	77.6	97.2
65°	0.0	2.6	5.2	8.7	14.5	23.2	39.0	56.4	73.7	93.9	116.1
62.5°	0.0	2.8	5.6	9.8	16.2	27.8	45.6	66.8	86.8	109.8	134.1
60°	0.0	3.0	6.1	10.9	17.9	32.1	51.5	77.0	99.2	127.0	152.3
57.5°	0.0	3.3	6.7	11.9	20.4	35.9	57.5	86.2	114.3	144.2	167.4
55°	0.0	3.5	7.3	12.8	22.7	39.3	62.9	93.4	130.1	160.3	181.1
52.5°	0.0	3.7	7.9	13.6	24.7	42.3	67.5	104.0	145.8	173.0	194.9
50°	0.0	3.9	8.4	14.3	26.4	45.1	71.3	113.9	160.2	185.5	209.3
47.5°	0.0	4.1	8.9	15.0	27.8	47.4	74.9	122.5	171.4	198.0	222.9
45°	0.0	4.3	9.4	15.8	28.9	49.1	81.0	129.8	176.3	209.3	235.6
42.5°	0.0	4.5	9.9	16.5	29.8	50.2	86.0	133.8	179.5	219.8	249.7
40°	0.0	4.7	10.4	17.2	30.3	50.7	90.0	135.4	181.4	228.6	263.6
37.5°	0.0	4.8	10.8	18.1	30.5	50.7	93.1	135.9	183.3	232.4	277.0
35°	0.0	5.0	11.3	18.8	30.4	51.9	95.1	135.2	185.2	241.0	290.4
32.5°	0.0	5.1	11.7	19.6	30.0	53.3	95.5	133.4	187.1	251.8	303.7
30°	0.0	5.3	12.0	20.3	29.3	54.0	93.7	131.4	188.9	264.8	316.3
27.5°	0.0	5.4	12.4	20.9	30.0	54.0	91.1	131.8	193.5	279.6	328.1
25°	0.0	5.5	12.7	21.5	30.9	53.4	87.8	131.9	203.5	291.3	339.3
22.5°	0.0	5.6	13.0	22.1	31.8	53.3	83.9	131.6	214.1	300.3	353.6
20°	0.0	5.7	13.2	22.5	32.6	55.8	79.2	130.8	225.0	308.4	366.3
17.5°	0.0	5.8	13.4	23.0	33.3	58.0	78.4	129.6	236.0	315.6	377.4
15°	0.0	5.9	13.6	23.4	34.0	59.9	80.0	129.0	246.7	322.0	387.0
12.5°	0.0	6.0	13.8	23.7	34.6	61.5	81.4	128.1	256.2	327.6	394.9
10°	0.0	6.0	14.0	23.9	35.2	62.8	82.6	125.5	264.0	331.8	400.8
7.5°	0.0	6.0	14.1	24.1	35.7	63.8	83.7	121.5	270.3	335.2	404.3
5°	0.0	6.1	14.1	24.3	36.1	64.5	84.5	116.4	274.7	337.7	406.1
2.5°	0.0	6.1	14.2	24.4	36.6	65.1	85.5	103.8	276.8	339.9	405.1
0°	0.0	6.1	14.2	24.4	36.4	65.0	85.1	110.4	277.0	339.3	406.3
-2.5°	0.0	6.1	14.1	24.3	36.1	64.5	84.5	116.4	274.7	337.7	406.1
-5°	0.0	6.0	14.1	24.1	35.7	63.8	83.7	121.5	270.3	335.2	404.3
-7.5°	0.0	6.0	14.0	23.9	35.2	62.8	82.6	125.5	264.0	331.8	400.8
-10°	0.0	6.0	13.8	23.7	34.6	61.5	81.4	128.1	256.2	327.6	394.9
-12.5°	0.0	5.9	13.6	23.4	34.0	59.9	80.0	129.0	246.7	322.0	387.0
-15°	0.0	5.8	13.4	23.0	33.3	58.0	78.4	129.6	236.0	315.6	377.4
-17.5°	0.0	5.7	13.2	22.5	32.6	55.8	79.2	130.8	225.0	308.4	366.3
-20°	0.0	5.7	13.2	22.5	32.6	55.8	79.2	130.8	225.0	308.4	366.3



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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	5.6	13.0	22.1	31.8	53.3	83.9	131.6	214.1	300.3	353.6
-25°	0.0	5.5	12.7	21.5	30.9	53.4	87.8	131.9	203.5	291.3	339.3
-27.5°	0.0	5.4	12.4	20.9	30.0	54.0	91.1	131.8	193.5	279.6	328.1
-30°	0.0	5.3	12.0	20.3	29.3	54.0	93.7	131.4	188.9	264.8	316.3
-32.5°	0.0	5.1	11.7	19.6	30.0	53.3	95.5	133.4	187.1	251.8	303.7
-35°	0.0	5.0	11.3	18.8	30.4	51.9	95.1	135.2	185.2	241.0	290.4
-37.5°	0.0	4.8	10.8	18.1	30.5	50.7	93.1	135.9	183.3	232.4	277.0
-40°	0.0	4.7	10.4	17.2	30.3	50.7	90.0	135.4	181.4	228.6	263.6
-42.5°	0.0	4.5	9.9	16.5	29.8	50.2	86.0	133.8	179.5	219.8	249.7
-45°	0.0	4.3	9.4	15.8	28.9	49.1	81.0	129.8	176.3	209.3	235.6
-47.5°	0.0	4.1	8.9	15.0	27.8	47.4	74.9	122.5	171.4	198.0	222.9
-50°	0.0	3.9	8.4	14.3	26.4	45.1	71.3	113.9	160.2	185.5	209.3
-52.5°	0.0	3.7	7.9	13.6	24.7	42.3	67.5	104.0	145.8	173.0	194.9
-55°	0.0	3.5	7.3	12.8	22.7	39.3	62.9	93.4	130.1	160.3	181.1
-57.5°	0.0	3.3	6.7	11.9	20.4	35.9	57.5	86.2	114.3	144.2	167.4
-60°	0.0	3.0	6.1	10.9	17.9	32.1	51.5	77.0	99.2	127.0	152.3
-62.5°	0.0	2.8	5.6	9.8	16.2	27.8	45.6	66.8	86.8	109.8	134.1
-65°	0.0	2.6	5.2	8.7	14.5	23.2	39.0	56.4	73.7	93.9	116.1
-67.5°	0.0	2.3	4.7	7.6	12.6	19.4	32.0	46.9	60.1	77.6	97.2
-70°	0.0	2.1	4.2	6.3	10.7	16.6	24.5	37.2	49.0	60.7	77.4
-72.5°	0.0	1.8	3.7	5.5	8.6	13.6	19.9	27.4	37.8	48.0	58.1
-75°	0.0	1.6	3.2	4.7	6.5	10.5	15.6	20.8	26.4	35.3	44.1
-77.5°	0.0	1.3	2.6	4.0	5.3	7.2	11.2	15.3	19.5	23.9	29.8
-80°	0.0	1.1	2.1	3.2	4.2	5.3	6.6	9.8	13.1	16.5	20.0
-82.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.7	5.5	6.6	9.0	11.5
-85°	0.0	0.5	1.1	1.6	2.1	2.6	3.2	3.7	4.2	4.7	5.2
-87.5°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.8	2.1	2.3	2.6
-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°	2.6	2.6	2.5	2.4	2.5	2.6	2.8	2.9	2.6	2.3	2.0
85°	5.2	5.1	5.8	6.2	6.9	7.3	7.5	7.5	8.4	9.5	10.8
82.5°	12.9	13.8	14.3	14.4	14.7	14.6	14.4	14.3	17.7	21.9	26.7
80°	21.7	22.6	26.0	29.7	31.6	31.6	29.9	26.7	31.6	39.5	49.0
77.5°	35.3	40.5	46.0	51.6	52.7	50.0	45.6	39.6	46.6	60.7	76.5
75°	51.4	58.5	66.4	72.4	72.5	68.2	62.4	61.3	73.1	90.1	104.1
72.5°	70.2	80.6	88.3	93.4	93.0	92.3	94.5	99.5	109.3	121.7	132.5
70°	93.0	103.3	109.1	111.7	112.7	118.4	126.8	133.2	140.1	152.3	163.7
67.5°	115.6	123.5	128.5	132.0	141.5	152.3	160.7	168.5	177.0	189.6	199.9
65°	135.7	143.8	150.9	161.5	175.3	185.5	195.6	206.0	220.9	234.9	243.3
62.5°	155.3	164.0	174.8	189.1	204.1	217.2	233.6	252.1	271.4	285.8	302.2
60°	170.6	182.9	198.2	215.3	233.1	254.4	275.5	297.1	316.9	336.2	360.4
57.5°	185.1	202.8	221.9	241.9	265.6	292.2	317.9	341.2	366.2	393.0	420.4
55°	201.0	224.1	245.4	269.3	298.2	332.0	360.5	388.2	418.0	463.1	502.6
52.5°	218.4	244.0	268.0	297.3	333.2	369.3	401.7	440.5	490.3	557.3	666.1
50°	234.8	262.3	290.4	328.2	367.1	405.1	452.0	506.0	605.8	730.8	949.8
47.5°	251.1	280.3	317.5	358.3	400.6	450.8	510.2	628.3	764.3	1075.9	1386.3
45°	267.4	302.0	343.1	389.4	439.9	502.8	626.3	771.9	1142.0	1500.4	1873.6
42.5°	283.2	323.7	370.7	420.0	486.0	599.8	759.0	1143.5	1544.2	1955.7	2314.1
40°	301.2	344.0	398.3	461.0	548.1	721.0	1078.2	1511.1	1962.7	2351.5	2700.2
37.5°	318.1	368.8	427.8	500.7	657.4	946.0	1406.1	1886.3	2323.6	2703.5	3076.0
35°	333.6	392.8	463.1	572.5	764.5	1240.0	1738.8	2227.1	2645.1	3050.8	3458.2
32.5°	351.8	415.9	497.0	667.5	1010.1	1523.9	2054.6	2520.0	2957.7	3390.3	3855.7
30°	371.9	444.7	544.3	758.2	1253.4	1799.7	2325.6	2800.9	3254.8	3735.2	4233.6
27.5°	390.9	472.4	622.6	934.0	1482.1	2057.3	2572.0	3061.2	3548.4	4060.0	4596.6
25°	408.1	498.8	696.1	1126.8	1702.9	2277.0	2798.8	3296.7	3822.7	4378.7	4943.3
22.5°	426.7	524.5	762.3	1302.3	1905.0	2472.6	2999.1	3526.9	4083.7	4673.0	5261.9
20°	446.7	579.3	871.2	1464.4	2088.5	2650.3	3178.9	3740.9	4327.9	4938.2	5560.3
17.5°	465.0	627.8	1001.4	1618.2	2242.8	2804.8	3340.6	3934.6	4540.3	5178.3	5833.5
15°	481.4	669.8	1116.1	1754.2	2373.8	2936.1	3498.4	4106.6	4729.1	5393.6	6074.2
12.5°	495.8	705.3	1214.6	1871.8	2484.3	3048.4	3631.0	4251.7	4897.3	5581.8	6291.0
10°	508.1	734.3	1296.6	1970.2	2574.2	3141.0	3737.4	4372.4	5031.2	5733.4	6465.8
7.5°	516.0	758.1	1361.5	2048.7	2643.5	3213.6	3817.7	4467.5	5129.1	5851.6	6598.1
5°	521.0	777.6	1408.4	2106.7	2694.1	3268.2	3875.5	4535.9	5192.0	5934.6	6687.0
2.5°	523.4	791.0	1436.9	2143.9	2725.7	3306.6	3923.4	4595.8	5258.1	5993.8	6755.9
0°	523.1	797.9	1447.3	2159.7	2737.8	3324.0	3946.9	4626.8	5300.5	6019.1	6802.8
-2.5°	523.4	791.0	1436.9	2143.9	2725.7	3306.6	3923.4	4595.8	5258.1	5993.8	6755.9
-5°	521.0	777.6	1408.4	2106.7	2694.1	3268.2	3875.5	4535.9	5192.0	5934.6	6687.0
-7.5°	516.0	758.1	1361.5	2048.7	2643.5	3213.6	3817.7	4467.5	5129.1	5851.6	6598.1
-10°	508.1	734.3	1296.6	1970.2	2574.2	3141.0	3737.4	4372.4	5031.2	5733.4	6465.8
-12.5°	495.8	705.3	1214.6	1871.8	2484.3	3048.4	3631.0	4251.7	4897.3	5581.8	6291.0
-15°	481.4	669.8	1116.1	1754.2	2373.8	2936.1	3498.4	4106.6	4729.1	5393.6	6074.2
-17.5°	465.0	627.8	1001.4	1618.2	2242.8	2804.8	3340.6	3934.6	4540.3	5178.3	5833.5
-20°	446.7	579.3	871.2	1464.4	2088.5	2650.3	3178.9	3740.9	4327.9	4938.2	5560.3



REPORT NUMBER: P559163 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-940-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°	426.7	524.5	762.3	1302.3	1905.0	2472.6	2999.1	3526.9	4083.7	4673.0	5261.9
-25°	408.1	498.8	696.1	1126.8	1702.9	2277.0	2798.8	3296.7	3822.7	4378.7	4943.3
-27.5°	390.9	472.4	622.6	934.0	1482.1	2057.3	2572.0	3061.2	3548.4	4060.0	4596.6
-30°	371.9	444.7	544.3	758.2	1253.4	1799.7	2325.6	2800.9	3254.8	3735.2	4233.6
-32.5°	351.8	415.9	497.0	667.5	1010.1	1523.9	2054.6	2520.0	2957.7	3390.3	3855.7
-35°	333.6	392.8	463.1	572.5	764.5	1240.0	1738.8	2227.1	2645.1	3050.8	3458.2
-37.5°	318.1	368.8	427.8	500.7	657.4	946.0	1406.1	1886.3	2323.6	2703.5	3076.0
-40°	301.2	344.0	398.3	461.0	548.1	721.0	1078.2	1511.1	1962.7	2351.5	2700.2
-42.5°	283.2	323.7	370.7	420.0	486.0	599.8	759.0	1143.5	1544.2	1955.7	2314.1
-45°	267.4	302.0	343.1	389.4	439.9	502.8	626.3	771.9	1142.0	1500.4	1873.6
-47.5°	251.1	280.3	317.5	358.3	400.6	450.8	510.2	628.3	764.3	1075.9	1386.3
-50°	234.8	262.3	290.4	328.2	367.1	405.1	452.0	506.0	605.8	730.8	949.8
-52.5°	218.4	244.0	268.0	297.3	333.2	369.3	401.7	440.5	490.3	557.3	666.1
-55°	201.0	224.1	245.4	269.3	298.2	332.0	360.5	388.2	418.0	463.1	502.6
-57.5°	185.1	202.8	221.9	241.9	265.6	292.2	317.9	341.2	366.2	393.0	420.4
-60°	170.6	182.9	198.2	215.3	233.1	254.4	275.5	297.1	316.9	336.2	360.4
-62.5°	155.3	164.0	174.8	189.1	204.1	217.2	233.6	252.1	271.4	285.8	302.2
-65°	135.7	143.8	150.9	161.5	175.3	185.5	195.6	206.0	220.9	234.9	243.3
-67.5°	115.6	123.5	128.5	132.0	141.5	152.3	160.7	168.5	177.0	189.6	199.9
-70°	93.0	103.3	109.1	111.7	112.7	118.4	126.8	133.2	140.1	152.3	163.7
-72.5°	70.2	80.6	88.3	93.4	93.0	92.3	94.5	99.5	109.3	121.7	132.5
-75°	51.4	58.5	66.4	72.4	72.5	68.2	62.4	61.3	73.1	90.1	104.1
-77.5°	35.3	40.5	46.0	51.6	52.7	50.0	45.6	39.6	46.6	60.7	76.5
-80°	21.7	22.6	26.0	29.7	31.6	31.6	29.9	26.7	31.6	39.5	49.0
-82.5°	12.9	13.8	14.3	14.4	14.7	14.6	14.4	14.3	17.7	21.9	26.7
-85°	5.2	5.1	5.8	6.2	6.9	7.3	7.5	7.5	8.4	9.5	10.8
-87.5°	2.6	2.6	2.5	2.4	2.5	2.6	2.8	2.9	2.6	2.3	2.0
-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: P559163 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-940-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°	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0
85°	12.4	12.2	11.7	11.1	10.3	10.6	11.0	11.3	11.5	10.8	9.9
82.5°	31.9	34.3	36.5	38.9	41.4	41.0	39.9	38.2	36.1	32.2	27.8
80°	59.9	65.4	69.2	72.2	74.5	72.2	68.7	64.7	60.2	53.5	46.2
77.5°	92.9	98.5	101.4	104.9	108.8	109.6	109.8	110.2	110.6	98.1	82.3
75°	115.3	122.8	128.9	134.3	139.1	141.5	143.1	144.6	146.1	129.5	107.8
72.5°	141.8	149.0	154.9	160.7	165.9	169.9	173.0	175.5	177.5	164.0	145.1
70°	172.7	179.9	186.6	192.7	198.6	204.0	208.8	213.3	217.4	218.2	219.2
67.5°	207.6	211.8	219.9	227.5	236.6	243.3	250.8	257.7	264.2	269.6	274.2
65°	250.8	266.2	281.7	289.4	290.0	299.7	314.9	323.3	325.8	327.7	332.5
62.5°	323.3	343.2	353.6	367.2	385.9	406.3	414.2	425.4	439.1	454.6	468.6
60°	380.9	397.8	423.0	448.6	471.4	492.1	542.3	586.8	625.0	657.9	689.6
57.5°	452.5	480.3	518.8	588.2	651.7	709.1	807.2	926.9	1033.7	1127.0	1209.1
55°	566.4	647.6	720.6	884.4	1059.4	1210.9	1352.7	1504.4	1627.8	1724.3	1813.6
52.5°	760.8	983.9	1210.0	1422.7	1631.8	1822.2	1993.0	2127.4	2232.4	2311.1	2385.7
50°	1218.0	1486.8	1762.3	2016.0	2221.4	2409.1	2586.9	2720.2	2831.8	2927.8	3012.9
47.5°	1716.4	2031.1	2291.4	2525.4	2746.8	2955.0	3149.5	3311.8	3449.2	3576.0	3681.5
45°	2212.4	2493.9	2760.8	3011.7	3252.7	3486.1	3695.3	3879.9	4061.7	4212.0	4330.9
42.5°	2631.8	2929.8	3213.7	3500.9	3770.2	4032.1	4284.8	4509.4	4702.5	4866.8	4998.9
40°	3034.4	3355.7	3692.9	4011.7	4331.6	4630.4	4910.3	5166.7	5386.7	5581.1	5745.7
37.5°	3444.0	3819.2	4189.7	4553.1	4905.5	5230.5	5551.8	5847.5	6105.3	6332.8	6523.9
35°	3876.4	4289.9	4693.1	5102.5	5487.4	5863.4	6218.6	6544.0	6829.6	7097.6	7328.0
32.5°	4309.6	4757.6	5211.5	5654.6	6080.9	6502.0	6891.6	7258.6	7596.1	7892.8	8138.7
30°	4731.3	5224.6	5710.3	6193.0	6679.5	7138.3	7569.9	7972.9	8339.1	8662.3	8941.8
27.5°	5136.0	5666.3	6187.2	6739.3	7268.0	7767.1	8235.9	8669.2	9078.0	9445.6	9762.8
25°	5510.5	6073.8	6680.9	7259.9	7825.7	8379.3	8893.0	9363.6	9831.0	10235.3	10579.8
22.5°	5864.3	6492.9	7132.1	7739.3	8363.7	8972.3	9547.3	10092.8	10591.9	11015.6	11382.9
20°	6200.7	6877.1	7535.8	8208.2	8884.2	9540.8	10174.0	10757.0	11284.4	11746.1	12160.3
17.5°	6518.5	7218.4	7918.4	8636.3	9366.4	10056.7	10727.6	11361.8	11937.6	12449.8	12916.8
15°	6793.3	7516.6	8266.1	9029.1	9792.7	10526.8	11238.8	11929.7	12577.4	13135.0	13605.9
12.5°	7026.9	7780.4	8573.2	9373.8	10178.7	10948.3	11702.9	12442.1	13130.7	13730.1	14213.6
10°	7220.7	8010.1	8838.3	9672.1	10497.7	11297.3	12082.1	12847.0	13586.6	14207.9	14704.5
7.5°	7382.2	8201.8	9049.2	9908.2	10741.2	11571.5	12390.1	13162.7	13891.4	14546.6	15056.9
5°	7502.8	8336.2	9201.4	10081.8	10927.6	11787.5	12630.4	13421.1	14142.5	14736.2	15152.8
2.5°	7592.6	8419.8	9300.2	10186.5	11043.5	11934.4	12795.3	13586.8	14325.2	14887.1	15247.8
0°	7653.6	8465.8	9390.0	10259.1	11130.3	12044.3	12895.2	13695.1	14436.1	14985.7	15358.2
-2.5°	7592.6	8419.8	9300.2	10186.5	11043.5	11934.4	12795.3	13586.8	14325.2	14887.1	15247.8
-5°	7502.8	8336.2	9201.4	10081.8	10927.6	11787.5	12630.4	13421.1	14142.5	14736.2	15152.8
-7.5°	7382.2	8201.8	9049.2	9908.2	10741.2	11571.5	12390.1	13162.7	13891.4	14546.6	15056.9
-10°	7220.7	8010.1	8838.3	9672.1	10497.7	11297.3	12082.1	12847.0	13586.6	14207.9	14704.5
-12.5°	7026.9	7780.4	8573.2	9373.8	10178.7	10948.3	11702.9	12442.1	13130.7	13730.1	14213.6
-15°	6793.3	7516.6	8266.1	9029.1	9792.7	10526.8	11238.8	11929.7	12577.4	13135.0	13605.9
-17.5°	6518.5	7218.4	7918.4	8636.3	9366.4	10056.7	10727.6	11361.8	11937.6	12449.8	12916.8
-20°	6200.7	6877.1	7535.8	8208.2	8884.2	9540.8	10174.0	10757.0	11284.4	11746.1	12160.3



REPORT NUMBER: P559163 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5864.3	6492.9	7132.1	7739.3	8363.7	8972.3	9547.3	10092.8	10591.9	11015.6	11382.9
-25°	5510.5	6073.8	6680.9	7259.9	7825.7	8379.3	8893.0	9363.6	9831.0	10235.3	10579.8
-27.5°	5136.0	5666.3	6187.2	6739.3	7268.0	7767.1	8235.9	8669.2	9078.0	9445.6	9762.8
-30°	4731.3	5224.6	5710.3	6193.0	6679.5	7138.3	7569.9	7972.9	8339.1	8662.3	8941.8
-32.5°	4309.6	4757.6	5211.5	5654.6	6080.9	6502.0	6891.6	7258.6	7596.1	7892.8	8138.7
-35°	3876.4	4289.9	4693.1	5102.5	5487.4	5863.4	6218.6	6544.0	6829.6	7097.6	7328.0
-37.5°	3444.0	3819.2	4189.7	4553.1	4905.5	5230.5	5551.8	5847.5	6105.3	6332.8	6523.9
-40°	3034.4	3355.7	3692.9	4011.7	4331.6	4630.4	4910.3	5166.7	5386.7	5581.1	5745.7
-42.5°	2631.8	2929.8	3213.7	3500.9	3770.2	4032.1	4284.8	4509.4	4702.5	4866.8	4998.9
-45°	2212.4	2493.9	2760.8	3011.7	3252.7	3486.1	3695.3	3879.9	4061.7	4212.0	4330.9
-47.5°	1716.4	2031.1	2291.4	2525.4	2746.8	2955.0	3149.5	3311.8	3449.2	3576.0	3681.5
-50°	1218.0	1486.8	1762.3	2016.0	2221.4	2409.1	2586.9	2720.2	2831.8	2927.8	3012.9
-52.5°	760.8	983.9	1210.0	1422.7	1631.8	1822.2	1993.0	2127.4	2232.4	2311.1	2385.7
-55°	566.4	647.6	720.6	884.4	1059.4	1210.9	1352.7	1504.4	1627.8	1724.3	1813.6
-57.5°	452.5	480.3	518.8	588.2	651.7	709.1	807.2	926.9	1033.7	1127.0	1209.1
-60°	380.9	397.8	423.0	448.6	471.4	492.1	542.3	586.8	625.0	657.9	689.6
-62.5°	323.3	343.2	353.6	367.2	385.9	406.3	414.2	425.4	439.1	454.6	468.6
-65°	250.8	266.2	281.7	289.4	290.0	299.7	314.9	323.3	325.8	327.7	332.5
-67.5°	207.6	211.8	219.9	227.5	236.6	243.3	250.8	257.7	264.2	269.6	274.2
-70°	172.7	179.9	186.6	192.7	198.6	204.0	208.8	213.3	217.4	218.2	219.2
-72.5°	141.8	149.0	154.9	160.7	165.9	169.9	173.0	175.5	177.5	164.0	145.1
-75°	115.3	122.8	128.9	134.3	139.1	141.5	143.1	144.6	146.1	129.5	107.8
-77.5°	92.9	98.5	101.4	104.9	108.8	109.6	109.8	110.2	110.6	98.1	82.3
-80°	59.9	65.4	69.2	72.2	74.5	72.2	68.7	64.7	60.2	53.5	46.2
-82.5°	31.9	34.3	36.5	38.9	41.4	41.0	39.9	38.2	36.1	32.2	27.8
-85°	12.4	12.2	11.7	11.1	10.3	10.6	11.0	11.3	11.5	10.8	9.9
-87.5°	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0
-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: P559163 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-940-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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
85°	9.0	8.1	8.1	8.1	8.1	8.1	9.0	9.9	10.8	11.5	11.3
82.5°	23.2	18.3	19.3	20.4	19.3	18.3	23.2	27.8	32.2	36.1	38.2
80°	38.5	30.6	31.5	32.6	31.5	30.6	38.5	46.2	53.5	60.2	64.7
77.5°	65.3	47.4	45.8	44.8	45.8	47.4	65.3	82.3	98.1	110.6	110.2
75°	85.4	62.4	61.0	61.1	61.0	62.4	85.4	107.8	129.5	146.1	144.6
72.5°	126.0	106.5	93.0	79.4	93.0	106.5	126.0	145.1	164.0	177.5	175.5
70°	221.5	224.3	223.1	219.8	223.1	224.3	221.5	219.2	218.2	217.4	213.3
67.5°	277.9	280.8	281.5	280.9	281.5	280.8	277.9	274.2	269.6	264.2	257.7
65°	335.9	337.8	339.3	339.9	339.3	337.8	335.9	332.5	327.7	325.8	323.3
62.5°	479.1	486.1	493.5	498.7	493.5	486.1	479.1	468.6	454.6	439.1	425.4
60°	717.2	740.1	750.2	751.1	750.2	740.1	717.2	689.6	657.9	625.0	586.8
57.5°	1274.8	1323.9	1367.7	1400.5	1367.7	1323.9	1274.8	1209.1	1127.0	1033.7	926.9
55°	1884.8	1937.0	1966.6	1974.5	1966.6	1937.0	1884.8	1813.6	1724.3	1627.8	1504.4
52.5°	2442.3	2477.1	2510.0	2538.3	2510.0	2477.1	2442.3	2385.7	2311.1	2232.4	2127.4
50°	3077.1	3115.8	3148.4	3173.4	3148.4	3115.8	3077.1	3012.9	2927.8	2831.8	2720.2
47.5°	3755.6	3803.0	3837.9	3861.4	3837.9	3803.0	3755.6	3681.5	3576.0	3449.2	3311.8
45°	4432.6	4513.8	4563.1	4571.8	4563.1	4513.8	4432.6	4330.9	4212.0	4061.7	3879.9
42.5°	5113.2	5191.0	5243.5	5282.2	5243.5	5191.0	5113.2	4998.9	4866.8	4702.5	4509.4
40°	5882.8	5980.5	6025.3	5996.7	6025.3	5980.5	5882.8	5745.7	5581.1	5386.7	5166.7
37.5°	6671.2	6771.7	6823.5	6821.1	6823.5	6771.7	6671.2	6523.9	6332.8	6105.3	5847.5
35°	7507.2	7631.7	7699.1	7682.1	7699.1	7631.7	7507.2	7328.0	7097.6	6829.6	6544.0
32.5°	8335.2	8485.8	8583.0	8598.1	8583.0	8485.8	8335.2	8138.7	7892.8	7596.1	7258.6
30°	9165.8	9328.6	9425.3	9434.7	9425.3	9328.6	9165.8	8941.8	8662.3	8339.1	7972.9
27.5°	10029.0	10211.1	10312.3	10336.5	10312.3	10211.1	10029.0	9762.8	9445.6	9078.0	8669.2
25°	10873.5	11075.6	11191.7	11236.2	11191.7	11075.6	10873.5	10579.8	10235.3	9831.0	9363.6
22.5°	11687.8	11909.4	12060.7	12099.3	12060.7	11909.4	11687.8	11382.9	11015.6	10591.9	10092.8
20°	12504.5	12765.9	12959.5	12978.6	12959.5	12765.9	12504.5	12160.3	11746.1	11284.4	10757.0
17.5°	13290.8	13573.8	13780.9	13831.5	13780.9	13573.8	13290.8	12916.8	12449.8	11937.6	11361.8
15°	13994.8	14291.7	14491.8	14535.8	14491.8	14291.7	13994.8	13605.9	13135.0	12577.4	11929.7
12.5°	14602.3	14876.0	15062.8	15134.2	15062.8	14876.0	14602.3	14213.6	13730.1	13130.7	12442.1
10°	15091.7	15303.2	15470.1	15545.4	15470.1	15303.2	15091.7	14704.5	14207.9	13586.6	12847.0
7.5°	15364.9	15538.9	15654.5	15696.1	15654.5	15538.9	15364.9	15056.9	14546.6	13891.4	13162.7
5°	15472.9	15639.6	15702.2	15738.8	15702.2	15639.6	15472.9	15152.8	14736.2	14142.5	13421.1
2.5°	15487.6	15621.1	15749.9	15834.5	15749.9	15621.1	15487.6	15247.8	14887.1	14325.2	13586.8
0°	15573.9	15704.2	15775.4	15816.2	15775.4	15704.2	15573.9	15358.2	14985.7	14436.1	13695.1
-2.5°	15487.6	15621.1	15749.9	15834.5	15749.9	15621.1	15487.6	15247.8	14887.1	14325.2	13586.8
-5°	15472.9	15639.6	15702.2	15738.8	15702.2	15639.6	15472.9	15152.8	14736.2	14142.5	13421.1
-7.5°	15364.9	15538.9	15654.5	15696.1	15654.5	15538.9	15364.9	15056.9	14546.6	13891.4	13162.7
-10°	15091.7	15303.2	15470.1	15545.4	15470.1	15303.2	15091.7	14704.5	14207.9	13586.6	12847.0
-12.5°	14602.3	14876.0	15062.8	15134.2	15062.8	14876.0	14602.3	14213.6	13730.1	13130.7	12442.1
-15°	13994.8	14291.7	14491.8	14535.8	14491.8	14291.7	13994.8	13605.9	13135.0	12577.4	11929.7
-17.5°	13290.8	13573.8	13780.9	13831.5	13780.9	13573.8	13290.8	12916.8	12449.8	11937.6	11361.8
-20°	12504.5	12765.9	12959.5	12978.6	12959.5	12765.9	12504.5	12160.3	11746.1	11284.4	10757.0



REPORT NUMBER: P559163 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-940-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°	11687.8	11909.4	12060.7	12099.3	12060.7	11909.4	11687.8	11382.9	11015.6	10591.9	10092.8
-25°	10873.5	11075.6	11191.7	11236.2	11191.7	11075.6	10873.5	10579.8	10235.3	9831.0	9363.6
-27.5°	10029.0	10211.1	10312.3	10336.5	10312.3	10211.1	10029.0	9762.8	9445.6	9078.0	8669.2
-30°	9165.8	9328.6	9425.3	9434.7	9425.3	9328.6	9165.8	8941.8	8662.3	8339.1	7972.9
-32.5°	8335.2	8485.8	8583.0	8598.1	8583.0	8485.8	8335.2	8138.7	7892.8	7596.1	7258.6
-35°	7507.2	7631.7	7699.1	7682.1	7699.1	7631.7	7507.2	7328.0	7097.6	6829.6	6544.0
-37.5°	6671.2	6771.7	6823.5	6821.1	6823.5	6771.7	6671.2	6523.9	6332.8	6105.3	5847.5
-40°	5882.8	5980.5	6025.3	5996.7	6025.3	5980.5	5882.8	5745.7	5581.1	5386.7	5166.7
-42.5°	5113.2	5191.0	5243.5	5282.2	5243.5	5191.0	5113.2	4998.9	4866.8	4702.5	4509.4
-45°	4432.6	4513.8	4563.1	4571.8	4563.1	4513.8	4432.6	4330.9	4212.0	4061.7	3879.9
-47.5°	3755.6	3803.0	3837.9	3861.4	3837.9	3803.0	3755.6	3681.5	3576.0	3449.2	3311.8
-50°	3077.1	3115.8	3148.4	3173.4	3148.4	3115.8	3077.1	3012.9	2927.8	2831.8	2720.2
-52.5°	2442.3	2477.1	2510.0	2538.3	2510.0	2477.1	2442.3	2385.7	2311.1	2232.4	2127.4
-55°	1884.8	1937.0	1966.6	1974.5	1966.6	1937.0	1884.8	1813.6	1724.3	1627.8	1504.4
-57.5°	1274.8	1323.9	1367.7	1400.5	1367.7	1323.9	1274.8	1209.1	1127.0	1033.7	926.9
-60°	717.2	740.1	750.2	751.1	750.2	740.1	717.2	689.6	657.9	625.0	586.8
-62.5°	479.1	486.1	493.5	498.7	493.5	486.1	479.1	468.6	454.6	439.1	425.4
-65°	335.9	337.8	339.3	339.9	339.3	337.8	335.9	332.5	327.7	325.8	323.3
-67.5°	277.9	280.8	281.5	280.9	281.5	280.8	277.9	274.2	269.6	264.2	257.7
-70°	221.5	224.3	223.1	219.8	223.1	224.3	221.5	219.2	218.2	217.4	213.3
-72.5°	126.0	106.5	93.0	79.4	93.0	106.5	126.0	145.1	164.0	177.5	175.5
-75°	85.4	62.4	61.0	61.1	61.0	62.4	85.4	107.8	129.5	146.1	144.6
-77.5°	65.3	47.4	45.8	44.8	45.8	47.4	65.3	82.3	98.1	110.6	110.2
-80°	38.5	30.6	31.5	32.6	31.5	30.6	38.5	46.2	53.5	60.2	64.7
-82.5°	23.2	18.3	19.3	20.4	19.3	18.3	23.2	27.8	32.2	36.1	38.2
-85°	9.0	8.1	8.1	8.1	8.1	8.1	9.0	9.9	10.8	11.5	11.3
-87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559163 (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°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	2.0	2.3	2.6	2.9
85°	11.0	10.6	10.3	11.1	11.7	12.2	12.4	10.8	9.5	8.4	7.5
82.5°	39.9	41.0	41.4	38.9	36.5	34.3	31.9	26.7	21.9	17.7	14.3
80°	68.7	72.2	74.5	72.2	69.2	65.4	59.9	49.0	39.5	31.6	26.7
77.5°	109.8	109.6	108.8	104.9	101.4	98.5	92.9	76.5	60.7	46.6	39.6
75°	143.1	141.5	139.1	134.3	128.9	122.8	115.3	104.1	90.1	73.1	61.3
72.5°	173.0	169.9	165.9	160.7	154.9	149.0	141.8	132.5	121.7	109.3	99.5
70°	208.8	204.0	198.6	192.7	186.6	179.9	172.7	163.7	152.3	140.1	133.2
67.5°	250.8	243.3	236.6	227.5	219.9	211.8	207.6	199.9	189.6	177.0	168.5
65°	314.9	299.7	290.0	289.4	281.7	266.2	250.8	243.3	234.9	220.9	206.0
62.5°	414.2	406.3	385.9	367.2	353.6	343.2	323.3	302.2	285.8	271.4	252.1
60°	542.3	492.1	471.4	448.6	423.0	397.8	380.9	360.4	336.2	316.9	297.1
57.5°	807.2	709.1	651.7	588.2	518.8	480.3	452.5	420.4	393.0	366.2	341.2
55°	1352.7	1210.9	1059.4	884.4	720.6	647.6	566.4	502.6	463.1	418.0	388.2
52.5°	1993.0	1822.2	1631.8	1422.7	1210.0	983.9	760.8	666.1	557.3	490.3	440.5
50°	2586.9	2409.1	2221.4	2016.0	1762.3	1486.8	1218.0	949.8	730.8	605.8	506.0
47.5°	3149.5	2955.0	2746.8	2525.4	2291.4	2031.1	1716.4	1386.3	1075.9	764.3	628.3
45°	3695.3	3486.1	3252.7	3011.7	2760.8	2493.9	2212.4	1873.6	1500.4	1142.0	771.9
42.5°	4284.8	4032.1	3770.2	3500.9	3213.7	2929.8	2631.8	2314.1	1955.7	1544.2	1143.5
40°	4910.3	4630.4	4331.6	4011.7	3692.9	3355.7	3034.4	2700.2	2351.5	1962.7	1511.1
37.5°	5551.8	5230.5	4905.5	4553.1	4189.7	3819.2	3444.0	3076.0	2703.5	2323.6	1886.3
35°	6218.6	5863.4	5487.4	5102.5	4693.1	4289.9	3876.4	3458.2	3050.8	2645.1	2227.1
32.5°	6891.6	6502.0	6080.9	5654.6	5211.5	4757.6	4309.6	3855.7	3390.3	2957.7	2520.0
30°	7569.9	7138.3	6679.5	6193.0	5710.3	5224.6	4731.3	4233.6	3735.2	3254.8	2800.9
27.5°	8235.9	7767.1	7268.0	6739.3	6187.2	5666.3	5136.0	4596.6	4060.0	3548.4	3061.2
25°	8893.0	8379.3	7825.7	7259.9	6680.9	6073.8	5510.5	4943.3	4378.7	3822.7	3296.7
22.5°	9547.3	8972.3	8363.7	7739.3	7132.1	6492.9	5864.3	5261.9	4673.0	4083.7	3526.9
20°	10174.0	9540.8	8884.2	8208.2	7535.8	6877.1	6200.7	5560.3	4938.2	4327.9	3740.9
17.5°	10727.6	10056.7	9366.4	8636.3	7918.4	7218.4	6518.5	5833.5	5178.3	4540.3	3934.6
15°	11238.8	10526.8	9792.7	9029.1	8266.1	7516.6	6793.3	6074.2	5393.6	4729.1	4106.6
12.5°	11702.9	10948.3	10178.7	9373.8	8573.2	7780.4	7026.9	6291.0	5581.8	4897.3	4251.7
10°	12082.1	11297.3	10497.7	9672.1	8838.3	8010.1	7220.7	6465.8	5733.4	5031.2	4372.4
7.5°	12390.1	11571.5	10741.2	9908.2	9049.2	8201.8	7382.2	6598.1	5851.6	5129.1	4467.5
5°	12630.4	11787.5	10927.6	10081.8	9201.4	8336.2	7502.8	6687.0	5934.6	5192.0	4535.9
2.5°	12795.3	11934.4	11043.5	10186.5	9300.2	8419.8	7592.6	6755.9	5993.8	5258.1	4595.8
0°	12895.2	12044.3	11130.3	10259.1	9390.0	8465.8	7653.6	6802.8	6019.1	5300.5	4626.8
-2.5°	12795.3	11934.4	11043.5	10186.5	9300.2	8419.8	7592.6	6755.9	5993.8	5258.1	4595.8
-5°	12630.4	11787.5	10927.6	10081.8	9201.4	8336.2	7502.8	6687.0	5934.6	5192.0	4535.9
-7.5°	12390.1	11571.5	10741.2	9908.2	9049.2	8201.8	7382.2	6598.1	5851.6	5129.1	4467.5
-10°	12082.1	11297.3	10497.7	9672.1	8838.3	8010.1	7220.7	6465.8	5733.4	5031.2	4372.4
-12.5°	11702.9	10948.3	10178.7	9373.8	8573.2	7780.4	7026.9	6291.0	5581.8	4897.3	4251.7
-15°	11238.8	10526.8	9792.7	9029.1	8266.1	7516.6	6793.3	6074.2	5393.6	4729.1	4106.6
-17.5°	10727.6	10056.7	9366.4	8636.3	7918.4	7218.4	6518.5	5833.5	5178.3	4540.3	3934.6
-20°	10174.0	9540.8	8884.2	8208.2	7535.8	6877.1	6200.7	5560.3	4938.2	4327.9	3740.9



REPORT NUMBER: P559163 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9547.3	8972.3	8363.7	7739.3	7132.1	6492.9	5864.3	5261.9	4673.0	4083.7	3526.9
-25°	8893.0	8379.3	7825.7	7259.9	6680.9	6073.8	5510.5	4943.3	4378.7	3822.7	3296.7
-27.5°	8235.9	7767.1	7268.0	6739.3	6187.2	5666.3	5136.0	4596.6	4060.0	3548.4	3061.2
-30°	7569.9	7138.3	6679.5	6193.0	5710.3	5224.6	4731.3	4233.6	3735.2	3254.8	2800.9
-32.5°	6891.6	6502.0	6080.9	5654.6	5211.5	4757.6	4309.6	3855.7	3390.3	2957.7	2520.0
-35°	6218.6	5863.4	5487.4	5102.5	4693.1	4289.9	3876.4	3458.2	3050.8	2645.1	2227.1
-37.5°	5551.8	5230.5	4905.5	4553.1	4189.7	3819.2	3444.0	3076.0	2703.5	2323.6	1886.3
-40°	4910.3	4630.4	4331.6	4011.7	3692.9	3355.7	3034.4	2700.2	2351.5	1962.7	1511.1
-42.5°	4284.8	4032.1	3770.2	3500.9	3213.7	2929.8	2631.8	2314.1	1955.7	1544.2	1143.5
-45°	3695.3	3486.1	3252.7	3011.7	2760.8	2493.9	2212.4	1873.6	1500.4	1142.0	771.9
-47.5°	3149.5	2955.0	2746.8	2525.4	2291.4	2031.1	1716.4	1386.3	1075.9	764.3	628.3
-50°	2586.9	2409.1	2221.4	2016.0	1762.3	1486.8	1218.0	949.8	730.8	605.8	506.0
-52.5°	1993.0	1822.2	1631.8	1422.7	1210.0	983.9	760.8	666.1	557.3	490.3	440.5
-55°	1352.7	1210.9	1059.4	884.4	720.6	647.6	566.4	502.6	463.1	418.0	388.2
-57.5°	807.2	709.1	651.7	588.2	518.8	480.3	452.5	420.4	393.0	366.2	341.2
-60°	542.3	492.1	471.4	448.6	423.0	397.8	380.9	360.4	336.2	316.9	297.1
-62.5°	414.2	406.3	385.9	367.2	353.6	343.2	323.3	302.2	285.8	271.4	252.1
-65°	314.9	299.7	290.0	289.4	281.7	266.2	250.8	243.3	234.9	220.9	206.0
-67.5°	250.8	243.3	236.6	227.5	219.9	211.8	207.6	199.9	189.6	177.0	168.5
-70°	208.8	204.0	198.6	192.7	186.6	179.9	172.7	163.7	152.3	140.1	133.2
-72.5°	173.0	169.9	165.9	160.7	154.9	149.0	141.8	132.5	121.7	109.3	99.5
-75°	143.1	141.5	139.1	134.3	128.9	122.8	115.3	104.1	90.1	73.1	61.3
-77.5°	109.8	109.6	108.8	104.9	101.4	98.5	92.9	76.5	60.7	46.6	39.6
-80°	68.7	72.2	74.5	72.2	69.2	65.4	59.9	49.0	39.5	31.6	26.7
-82.5°	39.9	41.0	41.4	38.9	36.5	34.3	31.9	26.7	21.9	17.7	14.3
-85°	11.0	10.6	10.3	11.1	11.7	12.2	12.4	10.8	9.5	8.4	7.5
-87.5°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	2.0	2.3	2.6	2.9
-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: P559163 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-940-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°	2.8	2.6	2.5	2.4	2.5	2.6	2.6	2.6	2.3	2.1	1.8
85°	7.5	7.3	6.9	6.2	5.8	5.1	5.2	5.2	4.7	4.2	3.7
82.5°	14.4	14.6	14.7	14.4	14.3	13.8	12.9	11.5	9.0	6.6	5.5
80°	29.9	31.6	31.6	29.7	26.0	22.6	21.7	20.0	16.5	13.1	9.8
77.5°	45.6	50.0	52.7	51.6	46.0	40.5	35.3	29.8	23.9	19.5	15.3
75°	62.4	68.2	72.5	72.4	66.4	58.5	51.4	44.1	35.3	26.4	20.8
72.5°	94.5	92.3	93.0	93.4	88.3	80.6	70.2	58.1	48.0	37.8	27.4
70°	126.8	118.4	112.7	111.7	109.1	103.3	93.0	77.4	60.7	49.0	37.2
67.5°	160.7	152.3	141.5	132.0	128.5	123.5	115.6	97.2	77.6	60.1	46.9
65°	195.6	185.5	175.3	161.5	150.9	143.8	135.7	116.1	93.9	73.7	56.4
62.5°	233.6	217.2	204.1	189.1	174.8	164.0	155.3	134.1	109.8	86.8	66.8
60°	275.5	254.4	233.1	215.3	198.2	182.9	170.6	152.3	127.0	99.2	77.0
57.5°	317.9	292.2	265.6	241.9	221.9	202.8	185.1	167.4	144.2	114.3	86.2
55°	360.5	332.0	298.2	269.3	245.4	224.1	201.0	181.1	160.3	130.1	93.4
52.5°	401.7	369.3	333.2	297.3	268.0	244.0	218.4	194.9	173.0	145.8	104.0
50°	452.0	405.1	367.1	328.2	290.4	262.3	234.8	209.3	185.5	160.2	113.9
47.5°	510.2	450.8	400.6	358.3	317.5	280.3	251.1	222.9	198.0	171.4	122.5
45°	626.3	502.8	439.9	389.4	343.1	302.0	267.4	235.6	209.3	176.3	129.8
42.5°	759.0	599.8	486.0	420.0	370.7	323.7	283.2	249.7	219.8	179.5	133.8
40°	1078.2	721.0	548.1	461.0	398.3	344.0	301.2	263.6	228.6	181.4	135.4
37.5°	1406.1	946.0	657.4	500.7	427.8	368.8	318.1	277.0	232.4	183.3	135.9
35°	1738.8	1240.0	764.5	572.5	463.1	392.8	333.6	290.4	241.0	185.2	135.2
32.5°	2054.6	1523.9	1010.1	667.5	497.0	415.9	351.8	303.7	251.8	187.1	133.4
30°	2325.6	1799.7	1253.4	758.2	544.3	444.7	371.9	316.3	264.8	188.9	131.4
27.5°	2572.0	2057.3	1482.1	934.0	622.6	472.4	390.9	328.1	279.6	193.5	131.8
25°	2798.8	2277.0	1702.9	1126.8	696.1	498.8	408.1	339.3	291.3	203.5	131.9
22.5°	2999.1	2472.6	1905.0	1302.3	762.3	524.5	426.7	353.6	300.3	214.1	131.6
20°	3178.9	2650.3	2088.5	1464.4	871.2	579.3	446.7	366.3	308.4	225.0	130.8
17.5°	3340.6	2804.8	2242.8	1618.2	1001.4	627.8	465.0	377.4	315.6	236.0	129.6
15°	3498.4	2936.1	2373.8	1754.2	1116.1	669.8	481.4	387.0	322.0	246.7	129.0
12.5°	3631.0	3048.4	2484.3	1871.8	1214.6	705.3	495.8	394.9	327.6	256.2	128.1
10°	3737.4	3141.0	2574.2	1970.2	1296.6	734.3	508.1	400.8	331.8	264.0	125.5
7.5°	3817.7	3213.6	2643.5	2048.7	1361.5	758.1	516.0	404.3	335.2	270.3	121.5
5°	3875.5	3268.2	2694.1	2106.7	1408.4	777.6	521.0	406.1	337.7	274.7	116.4
2.5°	3923.4	3306.6	2725.7	2143.9	1436.9	791.0	523.4	406.3	339.3	277.0	110.4
0°	3946.9	3324.0	2737.8	2159.7	1447.3	797.9	523.1	405.1	339.9	276.8	103.8
-2.5°	3923.4	3306.6	2725.7	2143.9	1436.9	791.0	523.4	406.3	339.3	277.0	110.4
-5°	3875.5	3268.2	2694.1	2106.7	1408.4	777.6	521.0	406.1	337.7	274.7	116.4
-7.5°	3817.7	3213.6	2643.5	2048.7	1361.5	758.1	516.0	404.3	335.2	270.3	121.5
-10°	3737.4	3141.0	2574.2	1970.2	1296.6	734.3	508.1	400.8	331.8	264.0	125.5
-12.5°	3631.0	3048.4	2484.3	1871.8	1214.6	705.3	495.8	394.9	327.6	256.2	128.1
-15°	3498.4	2936.1	2373.8	1754.2	1116.1	669.8	481.4	387.0	322.0	246.7	129.0
-17.5°	3340.6	2804.8	2242.8	1618.2	1001.4	627.8	465.0	377.4	315.6	236.0	129.6
-20°	3178.9	2650.3	2088.5	1464.4	871.2	579.3	446.7	366.3	308.4	225.0	130.8



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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°	2999.1	2472.6	1905.0	1302.3	762.3	524.5	426.7	353.6	300.3	214.1	131.6
-25°	2798.8	2277.0	1702.9	1126.8	696.1	498.8	408.1	339.3	291.3	203.5	131.9
-27.5°	2572.0	2057.3	1482.1	934.0	622.6	472.4	390.9	328.1	279.6	193.5	131.8
-30°	2325.6	1799.7	1253.4	758.2	544.3	444.7	371.9	316.3	264.8	188.9	131.4
-32.5°	2054.6	1523.9	1010.1	667.5	497.0	415.9	351.8	303.7	251.8	187.1	133.4
-35°	1738.8	1240.0	764.5	572.5	463.1	392.8	333.6	290.4	241.0	185.2	135.2
-37.5°	1406.1	946.0	657.4	500.7	427.8	368.8	318.1	277.0	232.4	183.3	135.9
-40°	1078.2	721.0	548.1	461.0	398.3	344.0	301.2	263.6	228.6	181.4	135.4
-42.5°	759.0	599.8	486.0	420.0	370.7	323.7	283.2	249.7	219.8	179.5	133.8
-45°	626.3	502.8	439.9	389.4	343.1	302.0	267.4	235.6	209.3	176.3	129.8
-47.5°	510.2	450.8	400.6	358.3	317.5	280.3	251.1	222.9	198.0	171.4	122.5
-50°	452.0	405.1	367.1	328.2	290.4	262.3	234.8	209.3	185.5	160.2	113.9
-52.5°	401.7	369.3	333.2	297.3	268.0	244.0	218.4	194.9	173.0	145.8	104.0
-55°	360.5	332.0	298.2	269.3	245.4	224.1	201.0	181.1	160.3	130.1	93.4
-57.5°	317.9	292.2	265.6	241.9	221.9	202.8	185.1	167.4	144.2	114.3	86.2
-60°	275.5	254.4	233.1	215.3	198.2	182.9	170.6	152.3	127.0	99.2	77.0
-62.5°	233.6	217.2	204.1	189.1	174.8	164.0	155.3	134.1	109.8	86.8	66.8
-65°	195.6	185.5	175.3	161.5	150.9	143.8	135.7	116.1	93.9	73.7	56.4
-67.5°	160.7	152.3	141.5	132.0	128.5	123.5	115.6	97.2	77.6	60.1	46.9
-70°	126.8	118.4	112.7	111.7	109.1	103.3	93.0	77.4	60.7	49.0	37.2
-72.5°	94.5	92.3	93.0	93.4	88.3	80.6	70.2	58.1	48.0	37.8	27.4
-75°	62.4	68.2	72.5	72.4	66.4	58.5	51.4	44.1	35.3	26.4	20.8
-77.5°	45.6	50.0	52.7	51.6	46.0	40.5	35.3	29.8	23.9	19.5	15.3
-80°	29.9	31.6	31.6	29.7	26.0	22.6	21.7	20.0	16.5	13.1	9.8
-82.5°	14.4	14.6	14.7	14.4	14.3	13.8	12.9	11.5	9.0	6.6	5.5
-85°	7.5	7.3	6.9	6.2	5.8	5.1	5.2	5.2	4.7	4.2	3.7
-87.5°	2.8	2.6	2.5	2.4	2.5	2.6	2.6	2.6	2.3	2.1	1.8
-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°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
85°	3.2	2.6	2.1	1.6	1.1	0.5	0.0
82.5°	4.7	4.0	3.2	2.4	1.6	0.8	0.0
80°	6.6	5.3	4.2	3.2	2.1	1.1	0.0
77.5°	11.2	7.2	5.3	4.0	2.6	1.3	0.0
75°	15.6	10.5	6.5	4.7	3.2	1.6	0.0
72.5°	19.9	13.6	8.6	5.5	3.7	1.8	0.0
70°	24.5	16.6	10.7	6.3	4.2	2.1	0.0
67.5°	32.0	19.4	12.6	7.6	4.7	2.3	0.0
65°	39.0	23.2	14.5	8.7	5.2	2.6	0.0
62.5°	45.6	27.8	16.2	9.8	5.6	2.8	0.0
60°	51.5	32.1	17.9	10.9	6.1	3.0	0.0
57.5°	57.5	35.9	20.4	11.9	6.7	3.3	0.0
55°	62.9	39.3	22.7	12.8	7.3	3.5	0.0
52.5°	67.5	42.3	24.7	13.6	7.9	3.7	0.0
50°	71.3	45.1	26.4	14.3	8.4	3.9	0.0
47.5°	74.9	47.4	27.8	15.0	8.9	4.1	0.0
45°	81.0	49.1	28.9	15.8	9.4	4.3	0.0
42.5°	86.0	50.2	29.8	16.5	9.9	4.5	0.0
40°	90.0	50.7	30.3	17.2	10.4	4.7	0.0
37.5°	93.1	50.7	30.5	18.1	10.8	4.8	0.0
35°	95.1	51.9	30.4	18.8	11.3	5.0	0.0
32.5°	95.5	53.3	30.0	19.6	11.7	5.1	0.0
30°	93.7	54.0	29.3	20.3	12.0	5.3	0.0
27.5°	91.1	54.0	30.0	20.9	12.4	5.4	0.0
25°	87.8	53.4	30.9	21.5	12.7	5.5	0.0
22.5°	83.9	53.3	31.8	22.1	13.0	5.6	0.0
20°	79.2	55.8	32.6	22.5	13.2	5.7	0.0
17.5°	78.4	58.0	33.3	23.0	13.4	5.8	0.0
15°	80.0	59.9	34.0	23.4	13.6	5.9	0.0
12.5°	81.4	61.5	34.6	23.7	13.8	6.0	0.0
10°	82.6	62.8	35.2	23.9	14.0	6.0	0.0
7.5°	83.7	63.8	35.7	24.1	14.1	6.0	0.0
5°	84.5	64.5	36.1	24.3	14.1	6.1	0.0
2.5°	85.1	65.0	36.4	24.4	14.2	6.1	0.0
0°	85.5	65.1	36.6	24.4	14.2	6.1	0.0
-2.5°	85.1	65.0	36.4	24.4	14.2	6.1	0.0
-5°	84.5	64.5	36.1	24.3	14.1	6.1	0.0
-7.5°	83.7	63.8	35.7	24.1	14.1	6.0	0.0
-10°	82.6	62.8	35.2	23.9	14.0	6.0	0.0
-12.5°	81.4	61.5	34.6	23.7	13.8	6.0	0.0
-15°	80.0	59.9	34.0	23.4	13.6	5.9	0.0
-17.5°	78.4	58.0	33.3	23.0	13.4	5.8	0.0
-20°	79.2	55.8	32.6	22.5	13.2	5.7	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	83.9	53.3	31.8	22.1	13.0	5.6	0.0
-25°	87.8	53.4	30.9	21.5	12.7	5.5	0.0
-27.5°	91.1	54.0	30.0	20.9	12.4	5.4	0.0
-30°	93.7	54.0	29.3	20.3	12.0	5.3	0.0
-32.5°	95.5	53.3	30.0	19.6	11.7	5.1	0.0
-35°	95.1	51.9	30.4	18.8	11.3	5.0	0.0
-37.5°	93.1	50.7	30.5	18.1	10.8	4.8	0.0
-40°	90.0	50.7	30.3	17.2	10.4	4.7	0.0
-42.5°	86.0	50.2	29.8	16.5	9.9	4.5	0.0
-45°	81.0	49.1	28.9	15.8	9.4	4.3	0.0
-47.5°	74.9	47.4	27.8	15.0	8.9	4.1	0.0
-50°	71.3	45.1	26.4	14.3	8.4	3.9	0.0
-52.5°	67.5	42.3	24.7	13.6	7.9	3.7	0.0
-55°	62.9	39.3	22.7	12.8	7.3	3.5	0.0
-57.5°	57.5	35.9	20.4	11.9	6.7	3.3	0.0
-60°	51.5	32.1	17.9	10.9	6.1	3.0	0.0
-62.5°	45.6	27.8	16.2	9.8	5.6	2.8	0.0
-65°	39.0	23.2	14.5	8.7	5.2	2.6	0.0
-67.5°	32.0	19.4	12.6	7.6	4.7	2.3	0.0
-70°	24.5	16.6	10.7	6.3	4.2	2.1	0.0
-72.5°	19.9	13.6	8.6	5.5	3.7	1.8	0.0
-75°	15.6	10.5	6.5	4.7	3.2	1.6	0.0
-77.5°	11.2	7.2	5.3	4.0	2.6	1.3	0.0
-80°	6.6	5.3	4.2	3.2	2.1	1.1	0.0
-82.5°	4.7	4.0	3.2	2.4	1.6	0.8	0.0
-85°	3.2	2.6	2.1	1.6	1.1	0.5	0.0
-87.5°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)