

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: P558651 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-940-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558651 (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-SA2B-940-U-WR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (32) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

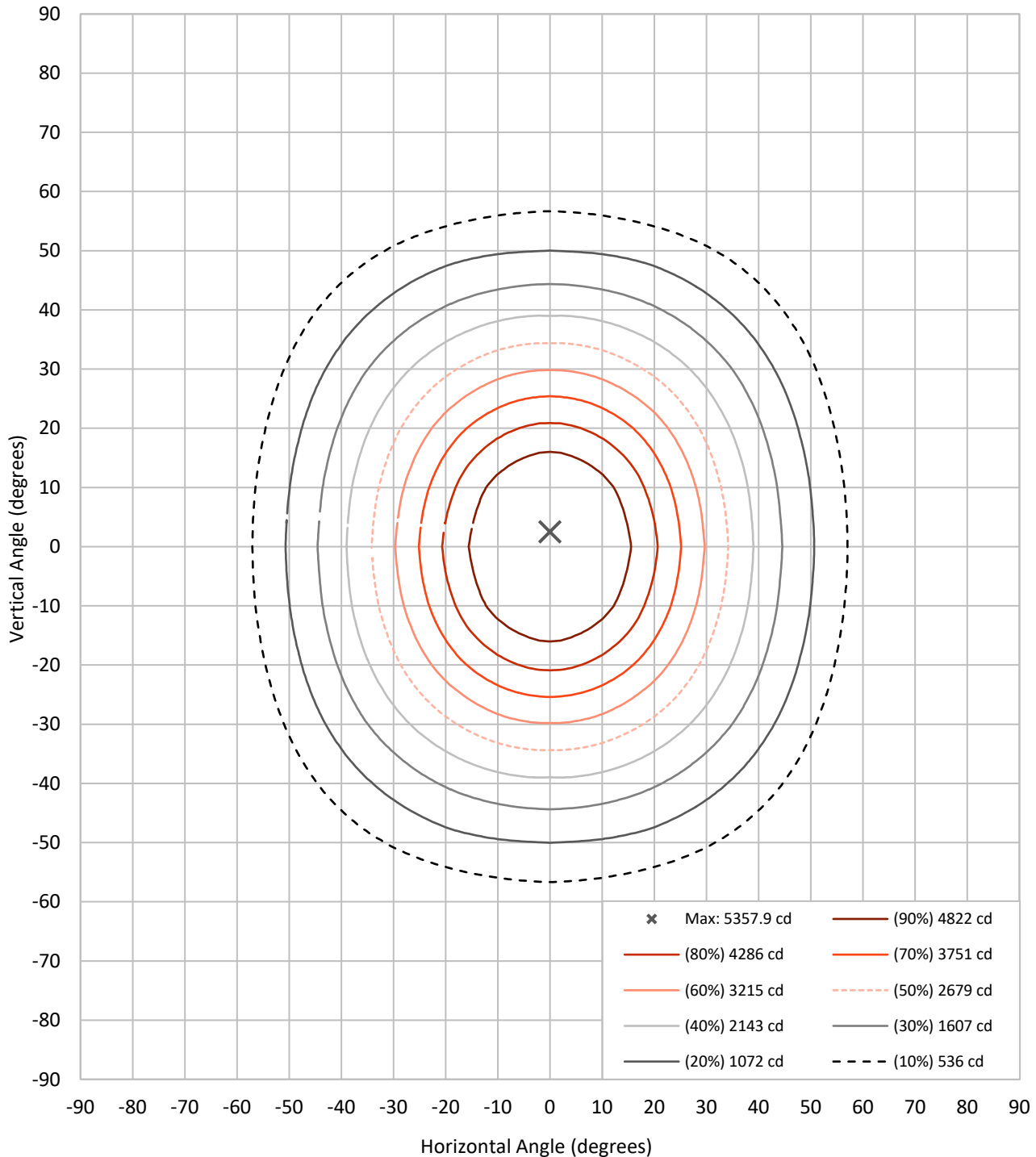
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	7251.4 lumens	Max Intensity:	5357.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	115.1 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	4347.7 lumens	Field Lumens:	6927 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 63
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





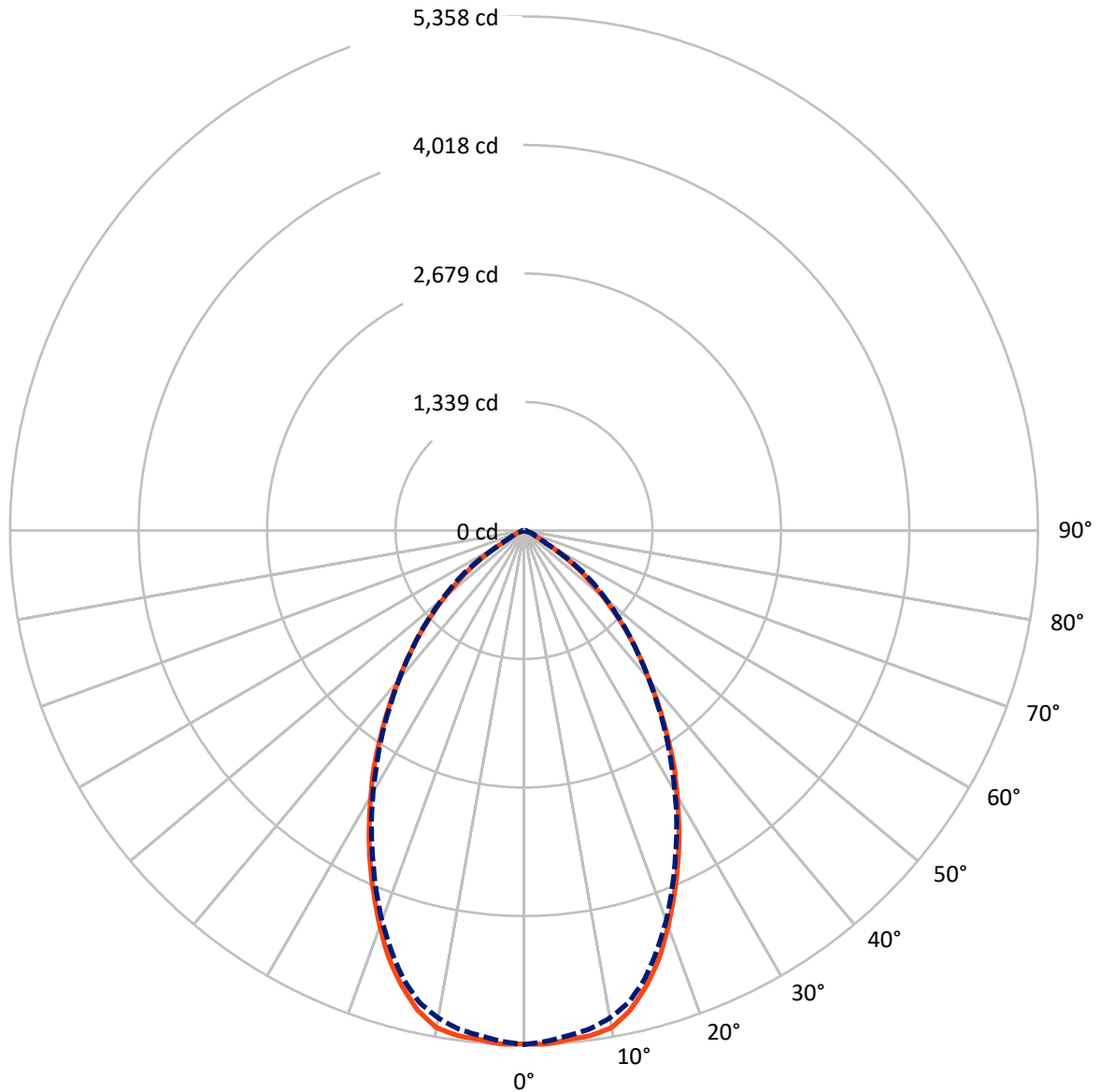
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Lumen Table

90																			
80	0.1	0.7		1.7		3.0		2.1		3.0		1.7		0.7		0.1			
70																			
60	0.3	0.5	1.0	1.5	2.2	2.9	3.6	4.0	4.0	3.6	2.9	2.2	1.5	1.0	0.5	0.3			
50		0.8	1.6	2.9	5.6	10.9	16.3	19.6	19.6	16.3	10.9	5.6	2.9	1.6	0.8				
40	0.6	1.0	2.4	6.9	18.3	30.4	40.4	46.1	46.1	40.4	30.4	18.3	6.9	2.4	1.0	0.6			
30		1.3	4.1	16.0	32.8	51.2	67.9	77.9	77.9	67.9	51.2	32.8	16.0	4.1	1.3				
20	0.6	1.5	7.4	24.2	46.6	72.9	97.4	112.8	112.8	97.4	72.9	46.6	24.2	7.4	1.5	0.6			
10		1.8	10.6	30.1	57.4	91.0	124.0	144.9	144.9	124.0	91.0	57.4	30.1	10.6	1.8				
0	0.6	2.0	12.4	33.3	63.5	101.7	139.3	159.2	159.2	139.3	101.7	63.5	33.3	12.4	2.0	0.6			
-10		2.0	12.4	33.3	63.5	101.7	139.3	159.2	159.2	139.3	101.7	63.5	33.3	12.4	2.0				
-20	0.6	1.8	10.6	30.1	57.4	91.0	124.0	144.9	144.9	124.0	91.0	57.4	30.1	10.6	1.8	0.6			
-30		1.5	7.4	24.2	46.6	72.9	97.4	112.8	112.8	97.4	72.9	46.6	24.2	7.4	1.5				
-40	0.6	1.3	4.1	16.0	32.8	51.2	67.9	77.9	77.9	67.9	51.2	32.8	16.0	4.1	1.3	0.6			
-50		1.0	2.4	6.9	18.3	30.4	40.4	46.1	46.1	40.4	30.4	18.3	6.9	2.4	1.0				
-60	0.3	0.8	1.6	2.9	5.6	10.9	16.3	19.6	19.6	16.3	10.9	5.6	2.9	1.6	0.8	0.3			
-70		0.5	1.0	1.5	2.2	2.9	3.6	4.0	4.0	3.6	2.9	2.2	1.5	1.0	0.5				
-80	0.1	0.7		1.7		3.0		2.1		3.0		1.7		0.7		0.1			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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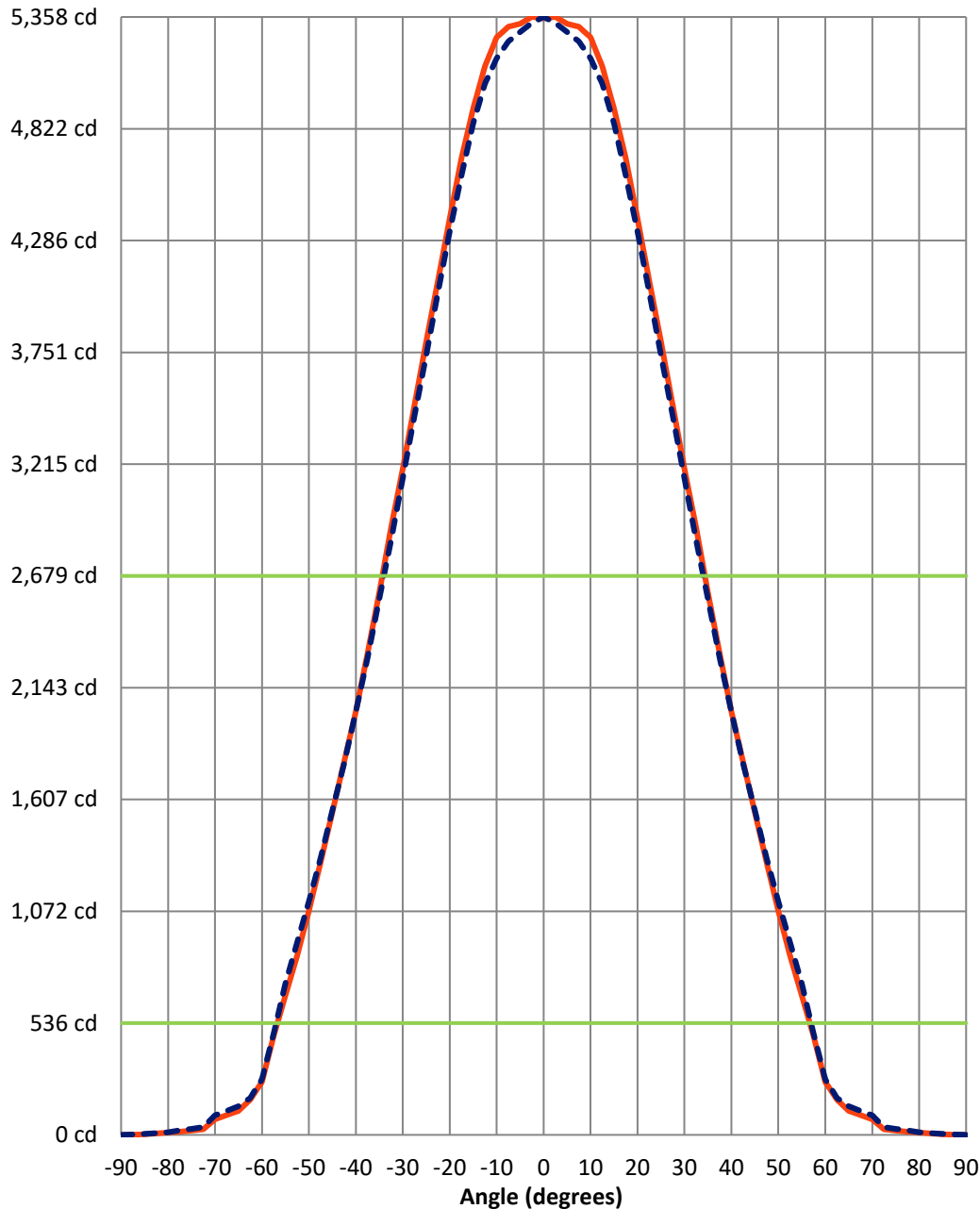
Luminous Intensity Polar Plot



— 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: 4347.7
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 6927
Efficiency: 95.5%

Spill:
Lumens: 324.4
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	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9
85°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.6	1.8
82.5°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.3	3.1	3.9
80°	0.0	0.4	0.7	1.1	1.5	1.8	2.3	3.4	4.5	5.6	6.8
77.5°	0.0	0.5	0.9	1.4	1.8	2.5	3.8	5.2	6.7	8.1	10.1
75°	0.0	0.5	1.1	1.6	2.2	3.6	5.3	7.1	9.0	12.0	14.9
72.5°	0.0	0.6	1.3	1.9	2.9	4.6	6.8	9.3	12.8	16.3	19.7
70°	0.0	0.7	1.4	2.2	3.6	5.6	8.3	12.6	16.6	20.6	26.2
67.5°	0.0	0.8	1.6	2.6	4.3	6.6	10.9	15.9	20.4	26.3	32.9
65°	0.0	0.9	1.8	3.0	4.9	7.9	13.2	19.1	25.0	31.8	39.3
62.5°	0.0	1.0	1.9	3.4	5.5	9.5	15.5	22.6	29.4	37.2	45.4
60°	0.0	1.0	2.1	3.7	6.1	10.9	17.5	26.1	33.6	43.0	51.5
57.5°	0.0	1.1	2.3	4.0	6.9	12.2	19.5	29.2	38.7	48.8	56.6
55°	0.0	1.2	2.5	4.3	7.7	13.3	21.3	31.6	44.0	54.2	61.3
52.5°	0.0	1.3	2.7	4.6	8.4	14.4	22.9	35.2	49.3	58.5	65.9
50°	0.0	1.3	2.9	4.8	9.0	15.3	24.2	38.5	54.2	62.8	70.8
47.5°	0.0	1.4	3.0	5.1	9.4	16.1	25.4	41.4	58.0	67.0	75.4
45°	0.0	1.5	3.2	5.4	9.8	16.6	27.4	43.9	59.6	70.8	79.7
42.5°	0.0	1.5	3.4	5.6	10.1	17.0	29.1	45.3	60.7	74.4	84.5
40°	0.0	1.6	3.5	5.8	10.3	17.2	30.5	45.8	61.4	77.4	89.2
37.5°	0.0	1.7	3.7	6.1	10.4	17.2	31.5	45.9	62.0	78.7	93.7
35°	0.0	1.7	3.8	6.4	10.3	17.6	32.1	45.7	62.7	81.5	98.2
32.5°	0.0	1.8	4.0	6.6	10.2	18.0	32.3	45.1	63.3	85.2	102.7
30°	0.0	1.8	4.1	6.9	9.9	18.3	31.7	44.4	63.9	89.6	107.0
27.5°	0.0	1.9	4.2	7.1	10.2	18.3	30.8	44.6	65.5	94.6	111.0
25°	0.0	1.9	4.3	7.3	10.5	18.0	29.7	44.6	68.9	98.5	114.8
22.5°	0.0	1.9	4.4	7.5	10.8	18.0	28.3	44.5	72.4	101.6	119.6
20°	0.0	2.0	4.5	7.7	11.0	18.9	26.8	44.3	76.1	104.3	123.9
17.5°	0.0	2.0	4.5	7.8	11.3	19.6	26.5	43.8	79.8	106.8	127.7
15°	0.0	2.0	4.6	7.9	11.5	20.3	27.0	43.6	83.5	108.9	130.9
12.5°	0.0	2.1	4.7	8.0	11.7	20.8	27.5	43.3	86.7	110.8	133.6
10°	0.0	2.1	4.7	8.1	11.9	21.2	27.9	42.5	89.3	112.3	135.6
7.5°	0.0	2.1	4.8	8.2	12.1	21.6	28.3	41.1	91.4	113.4	136.8
5°	0.0	2.1	4.8	8.3	12.2	21.8	28.6	39.4	93.0	114.3	137.4
2.5°	0.0	2.1	4.8	8.3	12.3	22.0	28.8	37.3	93.7	114.8	137.5
0°	0.0	2.1	4.8	8.3	12.4	22.0	28.9	35.1	93.7	115.0	137.1
-2.5°	0.0	2.1	4.8	8.3	12.3	22.0	28.8	37.3	93.7	114.8	137.5
-5°	0.0	2.1	4.8	8.3	12.2	21.8	28.6	39.4	93.0	114.3	137.4
-7.5°	0.0	2.1	4.8	8.2	12.1	21.6	28.3	41.1	91.4	113.4	136.8
-10°	0.0	2.1	4.7	8.1	11.9	21.2	27.9	42.5	89.3	112.3	135.6
-12.5°	0.0	2.1	4.7	8.0	11.7	20.8	27.5	43.3	86.7	110.8	133.6
-15°	0.0	2.0	4.6	7.9	11.5	20.3	27.0	43.6	83.5	108.9	130.9
-17.5°	0.0	2.0	4.5	7.8	11.3	19.6	26.5	43.8	79.8	106.8	127.7
-20°	0.0	2.0	4.5	7.7	11.0	18.9	26.8	44.3	76.1	104.3	123.9



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 CATALOG NUMBER: GFLD-SA2B-940-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	1.9	4.4	7.5	10.8	18.0	28.3	44.5	72.4	101.6	119.6
-25°	0.0	1.9	4.3	7.3	10.5	18.0	29.7	44.6	68.9	98.5	114.8
-27.5°	0.0	1.9	4.2	7.1	10.2	18.3	30.8	44.6	65.5	94.6	111.0
-30°	0.0	1.8	4.1	6.9	9.9	18.3	31.7	44.4	63.9	89.6	107.0
-32.5°	0.0	1.8	4.0	6.6	10.2	18.0	32.3	45.1	63.3	85.2	102.7
-35°	0.0	1.7	3.8	6.4	10.3	17.6	32.1	45.7	62.7	81.5	98.2
-37.5°	0.0	1.7	3.7	6.1	10.4	17.2	31.5	45.9	62.0	78.7	93.7
-40°	0.0	1.6	3.5	5.8	10.3	17.2	30.5	45.8	61.4	77.4	89.2
-42.5°	0.0	1.5	3.4	5.6	10.1	17.0	29.1	45.3	60.7	74.4	84.5
-45°	0.0	1.5	3.2	5.4	9.8	16.6	27.4	43.9	59.6	70.8	79.7
-47.5°	0.0	1.4	3.0	5.1	9.4	16.1	25.4	41.4	58.0	67.0	75.4
-50°	0.0	1.3	2.9	4.8	9.0	15.3	24.2	38.5	54.2	62.8	70.8
-52.5°	0.0	1.3	2.7	4.6	8.4	14.4	22.9	35.2	49.3	58.5	65.9
-55°	0.0	1.2	2.5	4.3	7.7	13.3	21.3	31.6	44.0	54.2	61.3
-57.5°	0.0	1.1	2.3	4.0	6.9	12.2	19.5	29.2	38.7	48.8	56.6
-60°	0.0	1.0	2.1	3.7	6.1	10.9	17.5	26.1	33.6	43.0	51.5
-62.5°	0.0	1.0	1.9	3.4	5.5	9.5	15.5	22.6	29.4	37.2	45.4
-65°	0.0	0.9	1.8	3.0	4.9	7.9	13.2	19.1	25.0	31.8	39.3
-67.5°	0.0	0.8	1.6	2.6	4.3	6.6	10.9	15.9	20.4	26.3	32.9
-70°	0.0	0.7	1.4	2.2	3.6	5.6	8.3	12.6	16.6	20.6	26.2
-72.5°	0.0	0.6	1.3	1.9	2.9	4.6	6.8	9.3	12.8	16.3	19.7
-75°	0.0	0.5	1.1	1.6	2.2	3.6	5.3	7.1	9.0	12.0	14.9
-77.5°	0.0	0.5	0.9	1.4	1.8	2.5	3.8	5.2	6.7	8.1	10.1
-80°	0.0	0.4	0.7	1.1	1.5	1.8	2.3	3.4	4.5	5.6	6.8
-82.5°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.3	3.1	3.9
-85°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.6	1.8
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9
-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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 CATALOG NUMBER: GFLD-SA2B-940-U-WR-XX

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°	0.9	0.9	0.8	0.8	0.9	0.9	0.9	1.0	0.9	0.8	0.7
85°	1.8	1.8	2.0	2.1	2.3	2.5	2.5	2.5	2.8	3.2	3.7
82.5°	4.4	4.7	4.9	4.9	5.0	4.9	4.9	4.8	5.9	7.4	9.0
80°	7.4	7.7	8.8	10.1	10.7	10.7	10.1	9.0	10.6	13.3	16.6
77.5°	12.0	13.7	15.6	17.5	17.8	16.9	15.4	13.4	15.8	20.6	25.9
75°	17.4	19.8	22.5	24.5	24.5	23.1	21.2	20.7	24.8	30.5	35.2
72.5°	23.8	27.3	29.9	31.6	31.5	31.2	32.0	33.6	36.9	41.2	44.8
70°	31.5	35.0	36.9	37.8	38.1	40.0	42.9	45.0	47.4	51.5	55.4
67.5°	39.1	41.8	43.5	44.6	47.8	51.5	54.4	57.0	59.9	64.1	67.6
65°	45.9	48.6	51.0	54.6	59.3	62.8	66.2	69.7	74.7	79.5	82.3
62.5°	52.5	55.4	59.1	64.0	69.1	73.5	79.1	85.3	91.8	96.7	102.2
60°	57.7	61.8	67.0	72.9	78.9	86.1	93.2	100.5	107.2	113.7	121.9
57.5°	62.6	68.6	75.1	81.9	89.9	98.9	107.5	115.4	123.9	133.0	142.2
55°	68.0	75.8	83.0	91.1	100.9	112.3	121.9	131.3	141.4	156.7	170.1
52.5°	73.9	82.6	90.7	100.6	112.7	124.9	135.9	149.0	165.9	188.6	225.4
50°	79.5	88.8	98.2	111.0	124.2	137.1	153.0	171.2	205.0	247.3	321.4
47.5°	85.0	94.8	107.4	121.3	135.6	152.5	172.6	212.6	258.6	364.0	469.0
45°	90.5	102.2	116.1	131.8	148.8	170.1	211.9	261.1	386.4	507.6	634.0
42.5°	95.8	109.5	125.4	142.1	164.4	202.9	256.8	386.9	522.5	661.8	783.0
40°	101.9	116.4	134.8	156.0	185.4	243.9	364.8	511.3	664.1	795.7	913.7
37.5°	107.6	124.8	144.8	169.4	222.4	320.0	475.8	638.3	786.2	914.8	1040.8
35°	112.8	132.9	156.7	193.7	258.6	419.6	588.4	753.6	895.1	1032.3	1170.2
32.5°	119.0	140.7	168.2	225.8	341.8	515.7	695.3	852.7	1000.8	1147.2	1304.7
30°	125.8	150.5	184.2	256.5	424.1	609.0	786.9	947.8	1101.3	1263.9	1432.5
27.5°	132.3	159.8	210.7	316.0	501.5	696.1	870.3	1035.8	1200.7	1373.8	1555.4
25°	138.1	168.8	235.5	381.3	576.2	770.5	947.0	1115.5	1293.5	1481.6	1672.7
22.5°	144.4	177.5	258.0	440.7	644.6	836.7	1014.8	1193.4	1381.8	1581.2	1780.5
20°	151.1	196.0	294.8	495.5	706.7	896.8	1075.6	1265.8	1464.5	1670.9	1881.4
17.5°	157.3	212.4	338.9	547.5	758.9	949.1	1130.3	1331.4	1536.3	1752.2	1973.9
15°	162.9	226.7	377.6	593.6	803.2	993.5	1183.7	1389.6	1600.2	1825.0	2055.3
12.5°	167.8	238.7	411.0	633.4	840.6	1031.4	1228.6	1438.6	1657.1	1888.7	2128.7
10°	172.0	248.5	438.7	666.7	871.0	1062.8	1264.6	1479.5	1702.4	1940.0	2187.8
7.5°	174.6	256.6	460.7	693.2	894.5	1087.3	1291.7	1511.6	1735.5	1980.0	2232.6
5°	176.3	263.1	476.5	712.9	911.6	1105.8	1311.3	1534.8	1756.8	2008.1	2262.7
2.5°	177.1	267.7	486.2	725.5	922.3	1118.8	1327.5	1555.1	1779.2	2028.1	2286.0
0°	177.0	270.0	489.7	730.8	926.4	1124.7	1335.5	1565.6	1793.5	2036.7	2301.8
-2.5°	177.1	267.7	486.2	725.5	922.3	1118.8	1327.5	1555.1	1779.2	2028.1	2286.0
-5°	176.3	263.1	476.5	712.9	911.6	1105.8	1311.3	1534.8	1756.8	2008.1	2262.7
-7.5°	174.6	256.6	460.7	693.2	894.5	1087.3	1291.7	1511.6	1735.5	1980.0	2232.6
-10°	172.0	248.5	438.7	666.7	871.0	1062.8	1264.6	1479.5	1702.4	1940.0	2187.8
-12.5°	167.8	238.7	411.0	633.4	840.6	1031.4	1228.6	1438.6	1657.1	1888.7	2128.7
-15°	162.9	226.7	377.6	593.6	803.2	993.5	1183.7	1389.6	1600.2	1825.0	2055.3
-17.5°	157.3	212.4	338.9	547.5	758.9	949.1	1130.3	1331.4	1536.3	1752.2	1973.9
-20°	151.1	196.0	294.8	495.5	706.7	896.8	1075.6	1265.8	1464.5	1670.9	1881.4



REPORT NUMBER: P558651 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	144.4	177.5	258.0	440.7	644.6	836.7	1014.8	1193.4	1381.8	1581.2	1780.5
-25°	138.1	168.8	235.5	381.3	576.2	770.5	947.0	1115.5	1293.5	1481.6	1672.7
-27.5°	132.3	159.8	210.7	316.0	501.5	696.1	870.3	1035.8	1200.7	1373.8	1555.4
-30°	125.8	150.5	184.2	256.5	424.1	609.0	786.9	947.8	1101.3	1263.9	1432.5
-32.5°	119.0	140.7	168.2	225.8	341.8	515.7	695.3	852.7	1000.8	1147.2	1304.7
-35°	112.8	132.9	156.7	193.7	258.6	419.6	588.4	753.6	895.1	1032.3	1170.2
-37.5°	107.6	124.8	144.8	169.4	222.4	320.0	475.8	638.3	786.2	914.8	1040.8
-40°	101.9	116.4	134.8	156.0	185.4	243.9	364.8	511.3	664.1	795.7	913.7
-42.5°	95.8	109.5	125.4	142.1	164.4	202.9	256.8	386.9	522.5	661.8	783.0
-45°	90.5	102.2	116.1	131.8	148.8	170.1	211.9	261.1	386.4	507.6	634.0
-47.5°	85.0	94.8	107.4	121.3	135.6	152.5	172.6	212.6	258.6	364.0	469.0
-50°	79.5	88.8	98.2	111.0	124.2	137.1	153.0	171.2	205.0	247.3	321.4
-52.5°	73.9	82.6	90.7	100.6	112.7	124.9	135.9	149.0	165.9	188.6	225.4
-55°	68.0	75.8	83.0	91.1	100.9	112.3	121.9	131.3	141.4	156.7	170.1
-57.5°	62.6	68.6	75.1	81.9	89.9	98.9	107.5	115.4	123.9	133.0	142.2
-60°	57.7	61.8	67.0	72.9	78.9	86.1	93.2	100.5	107.2	113.7	121.9
-62.5°	52.5	55.4	59.1	64.0	69.1	73.5	79.1	85.3	91.8	96.7	102.2
-65°	45.9	48.6	51.0	54.6	59.3	62.8	66.2	69.7	74.7	79.5	82.3
-67.5°	39.1	41.8	43.5	44.6	47.8	51.5	54.4	57.0	59.9	64.1	67.6
-70°	31.5	35.0	36.9	37.8	38.1	40.0	42.9	45.0	47.4	51.5	55.4
-72.5°	23.8	27.3	29.9	31.6	31.5	31.2	32.0	33.6	36.9	41.2	44.8
-75°	17.4	19.8	22.5	24.5	24.5	23.1	21.2	20.7	24.8	30.5	35.2
-77.5°	12.0	13.7	15.6	17.5	17.8	16.9	15.4	13.4	15.8	20.6	25.9
-80°	7.4	7.7	8.8	10.1	10.7	10.7	10.1	9.0	10.6	13.3	16.6
-82.5°	4.4	4.7	4.9	4.9	5.0	4.9	4.9	4.8	5.9	7.4	9.0
-85°	1.8	1.8	2.0	2.1	2.3	2.5	2.5	2.5	2.8	3.2	3.7
-87.5°	0.9	0.9	0.8	0.8	0.9	0.9	0.9	1.0	0.9	0.8	0.7
-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: P558651 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7
85°	4.2	4.1	4.0	3.8	3.5	3.6	3.7	3.8	3.9	3.6	3.4
82.5°	10.8	11.6	12.3	13.1	14.0	13.9	13.5	12.9	12.2	10.9	9.4
80°	20.2	22.1	23.4	24.4	25.2	24.4	23.3	21.9	20.4	18.1	15.6
77.5°	31.4	33.3	34.3	35.5	36.8	37.1	37.1	37.3	37.4	33.2	27.8
75°	39.0	41.5	43.6	45.4	47.1	47.9	48.4	48.9	49.4	43.8	36.5
72.5°	48.0	50.4	52.4	54.4	56.1	57.5	58.5	59.4	60.1	55.5	49.1
70°	58.4	60.9	63.1	65.2	67.2	69.0	70.7	72.2	73.6	73.8	74.1
67.5°	70.2	71.7	74.4	77.0	80.1	82.3	84.8	87.2	89.3	91.2	92.7
65°	84.8	90.1	95.3	97.9	98.1	101.4	106.6	109.4	110.2	110.9	112.5
62.5°	109.4	116.1	119.7	124.3	130.6	137.5	140.1	143.9	148.6	153.8	158.5
60°	128.9	134.6	143.1	151.8	159.5	166.5	183.5	198.6	211.5	222.6	233.3
57.5°	153.1	162.6	175.6	199.1	220.5	239.9	273.1	313.7	349.8	381.3	409.1
55°	191.7	219.1	243.8	299.3	358.5	409.7	457.7	509.0	550.8	583.5	613.7
52.5°	257.5	332.9	409.4	481.4	552.2	616.6	674.4	719.8	755.4	782.0	807.2
50°	412.1	503.1	596.3	682.2	751.7	815.1	875.3	920.4	958.2	990.7	1019.4
47.5°	580.8	687.3	775.4	854.6	929.5	999.9	1065.7	1120.6	1167.1	1210.0	1245.7
45°	748.6	843.9	934.2	1019.1	1100.6	1179.6	1250.4	1312.9	1374.4	1425.2	1465.5
42.5°	890.5	991.3	1087.4	1184.6	1275.8	1364.3	1449.9	1525.8	1591.2	1646.8	1691.5
40°	1026.7	1135.4	1249.5	1357.4	1465.7	1566.8	1661.5	1748.2	1822.7	1888.5	1944.2
37.5°	1165.3	1292.3	1417.6	1540.6	1659.9	1769.8	1878.5	1978.6	2065.8	2142.8	2207.5
35°	1311.7	1451.6	1588.0	1726.5	1856.7	1983.9	2104.1	2214.3	2311.0	2401.6	2479.6
32.5°	1458.2	1609.8	1763.4	1913.3	2057.5	2200.1	2331.9	2456.1	2570.3	2670.6	2753.9
30°	1601.0	1767.8	1932.2	2095.5	2260.1	2415.4	2561.5	2697.8	2821.7	2931.0	3025.6
27.5°	1737.9	1917.3	2093.5	2280.3	2459.3	2628.2	2786.8	2933.4	3071.7	3196.0	3303.4
25°	1864.6	2055.2	2260.6	2456.5	2648.0	2835.3	3009.1	3168.3	3326.5	3463.3	3579.8
22.5°	1984.3	2197.0	2413.3	2618.8	2830.0	3035.9	3230.5	3415.1	3584.0	3727.3	3851.6
20°	2098.1	2327.0	2549.9	2777.4	3006.1	3228.3	3442.6	3639.8	3818.3	3974.5	4114.7
17.5°	2205.7	2442.5	2679.3	2922.3	3169.3	3402.9	3629.9	3844.5	4039.3	4212.6	4370.6
15°	2298.6	2543.4	2797.0	3055.2	3313.6	3562.0	3802.8	4036.6	4255.8	4444.5	4603.8
12.5°	2377.7	2632.6	2900.9	3171.8	3444.2	3704.5	3959.9	4210.0	4443.0	4645.8	4809.4
10°	2443.2	2710.3	2990.6	3272.8	3552.1	3822.6	4088.1	4347.0	4597.3	4807.5	4975.5
7.5°	2497.9	2775.2	3062.0	3352.7	3634.5	3915.4	4192.4	4453.9	4700.4	4922.1	5094.8
5°	2538.7	2820.7	3113.5	3411.4	3697.6	3988.5	4273.7	4541.3	4785.4	4986.3	5127.2
2.5°	2569.1	2849.0	3146.9	3446.8	3736.8	4038.2	4329.5	4597.3	4847.2	5037.3	5159.4
0°	2589.7	2864.6	3177.3	3471.4	3766.2	4075.4	4363.3	4634.0	4884.7	5070.7	5196.7
-2.5°	2569.1	2849.0	3146.9	3446.8	3736.8	4038.2	4329.5	4597.3	4847.2	5037.3	5159.4
-5°	2538.7	2820.7	3113.5	3411.4	3697.6	3988.5	4273.7	4541.3	4785.4	4986.3	5127.2
-7.5°	2497.9	2775.2	3062.0	3352.7	3634.5	3915.4	4192.4	4453.9	4700.4	4922.1	5094.8
-10°	2443.2	2710.3	2990.6	3272.8	3552.1	3822.6	4088.1	4347.0	4597.3	4807.5	4975.5
-12.5°	2377.7	2632.6	2900.9	3171.8	3444.2	3704.5	3959.9	4210.0	4443.0	4645.8	4809.4
-15°	2298.6	2543.4	2797.0	3055.2	3313.6	3562.0	3802.8	4036.6	4255.8	4444.5	4603.8
-17.5°	2205.7	2442.5	2679.3	2922.3	3169.3	3402.9	3629.9	3844.5	4039.3	4212.6	4370.6
-20°	2098.1	2327.0	2549.9	2777.4	3006.1	3228.3	3442.6	3639.8	3818.3	3974.5	4114.7



REPORT NUMBER: P558651 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	1984.3	2197.0	2413.3	2618.8	2830.0	3035.9	3230.5	3415.1	3584.0	3727.3	3851.6
-25°	1864.6	2055.2	2260.6	2456.5	2648.0	2835.3	3009.1	3168.3	3326.5	3463.3	3579.8
-27.5°	1737.9	1917.3	2093.5	2280.3	2459.3	2628.2	2786.8	2933.4	3071.7	3196.0	3303.4
-30°	1601.0	1767.8	1932.2	2095.5	2260.1	2415.4	2561.5	2697.8	2821.7	2931.0	3025.6
-32.5°	1458.2	1609.8	1763.4	1913.3	2057.5	2200.1	2331.9	2456.1	2570.3	2670.6	2753.9
-35°	1311.7	1451.6	1588.0	1726.5	1856.7	1983.9	2104.1	2214.3	2311.0	2401.6	2479.6
-37.5°	1165.3	1292.3	1417.6	1540.6	1659.9	1769.8	1878.5	1978.6	2065.8	2142.8	2207.5
-40°	1026.7	1135.4	1249.5	1357.4	1465.7	1566.8	1661.5	1748.2	1822.7	1888.5	1944.2
-42.5°	890.5	991.3	1087.4	1184.6	1275.8	1364.3	1449.9	1525.8	1591.2	1646.8	1691.5
-45°	748.6	843.9	934.2	1019.1	1100.6	1179.6	1250.4	1312.9	1374.4	1425.2	1465.5
-47.5°	580.8	687.3	775.4	854.6	929.5	999.9	1065.7	1120.6	1167.1	1210.0	1245.7
-50°	412.1	503.1	596.3	682.2	751.7	815.1	875.3	920.4	958.2	990.7	1019.4
-52.5°	257.5	332.9	409.4	481.4	552.2	616.6	674.4	719.8	755.4	782.0	807.2
-55°	191.7	219.1	243.8	299.3	358.5	409.7	457.7	509.0	550.8	583.5	613.7
-57.5°	153.1	162.6	175.6	199.1	220.5	239.9	273.1	313.7	349.8	381.3	409.1
-60°	128.9	134.6	143.1	151.8	159.5	166.5	183.5	198.6	211.5	222.6	233.3
-62.5°	109.4	116.1	119.7	124.3	130.6	137.5	140.1	143.9	148.6	153.8	158.5
-65°	84.8	90.1	95.3	97.9	98.1	101.4	106.6	109.4	110.2	110.9	112.5
-67.5°	70.2	71.7	74.4	77.0	80.1	82.3	84.8	87.2	89.3	91.2	92.7
-70°	58.4	60.9	63.1	65.2	67.2	69.0	70.7	72.2	73.6	73.8	74.1
-72.5°	48.0	50.4	52.4	54.4	56.1	57.5	58.5	59.4	60.1	55.5	49.1
-75°	39.0	41.5	43.6	45.4	47.1	47.9	48.4	48.9	49.4	43.8	36.5
-77.5°	31.4	33.3	34.3	35.5	36.8	37.1	37.1	37.3	37.4	33.2	27.8
-80°	20.2	22.1	23.4	24.4	25.2	24.4	23.3	21.9	20.4	18.1	15.6
-82.5°	10.8	11.6	12.3	13.1	14.0	13.9	13.5	12.9	12.2	10.9	9.4
-85°	4.2	4.1	4.0	3.8	3.5	3.6	3.7	3.8	3.9	3.6	3.4
-87.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7
-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: P558651 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
85°	3.1	2.8	2.8	2.8	2.8	2.8	3.1	3.4	3.6	3.9	3.8
82.5°	7.8	6.2	6.5	6.9	6.5	6.2	7.8	9.4	10.9	12.2	12.9
80°	13.0	10.3	10.6	11.0	10.6	10.3	13.0	15.6	18.1	20.4	21.9
77.5°	22.0	16.0	15.5	15.2	15.5	16.0	22.0	27.8	33.2	37.4	37.3
75°	28.9	21.1	20.7	20.7	20.7	21.1	28.9	36.5	43.8	49.4	48.9
72.5°	42.6	36.0	31.5	26.9	31.5	36.0	42.6	49.1	55.5	60.1	59.4
70°	74.9	75.8	75.5	74.4	75.5	75.8	74.9	74.1	73.8	73.6	72.2
67.5°	94.0	95.0	95.2	95.0	95.2	95.0	94.0	92.7	91.2	89.3	87.2
65°	113.6	114.3	114.8	115.0	114.8	114.3	113.6	112.5	110.9	110.2	109.4
62.5°	162.1	164.5	167.0	168.7	167.0	164.5	162.1	158.5	153.8	148.6	143.9
60°	242.7	250.4	253.8	254.2	253.8	250.4	242.7	233.3	222.6	211.5	198.6
57.5°	431.3	448.0	462.8	473.9	462.8	448.0	431.3	409.1	381.3	349.8	313.7
55°	637.8	655.4	665.4	668.1	665.4	655.4	637.8	613.7	583.5	550.8	509.0
52.5°	826.4	838.2	849.3	858.9	849.3	838.2	826.4	807.2	782.0	755.4	719.8
50°	1041.2	1054.3	1065.3	1073.8	1065.3	1054.3	1041.2	1019.4	990.7	958.2	920.4
47.5°	1270.8	1286.8	1298.7	1306.6	1298.7	1286.8	1270.8	1245.7	1210.0	1167.1	1120.6
45°	1499.9	1527.3	1544.0	1547.0	1544.0	1527.3	1499.9	1465.5	1425.2	1374.4	1312.9
42.5°	1730.1	1756.4	1774.2	1787.3	1774.2	1756.4	1730.1	1691.5	1646.8	1591.2	1525.8
40°	1990.6	2023.6	2038.7	2029.1	2038.7	2023.6	1990.6	1944.2	1888.5	1822.7	1748.2
37.5°	2257.3	2291.3	2308.9	2308.0	2308.9	2291.3	2257.3	2207.5	2142.8	2065.8	1978.6
35°	2540.2	2582.3	2605.1	2599.4	2605.1	2582.3	2540.2	2479.6	2401.6	2311.0	2214.3
32.5°	2820.4	2871.3	2904.2	2909.3	2904.2	2871.3	2820.4	2753.9	2670.6	2570.3	2456.1
30°	3101.4	3156.5	3189.2	3192.4	3189.2	3156.5	3101.4	3025.6	2931.0	2821.7	2697.8
27.5°	3393.5	3455.1	3489.4	3497.5	3489.4	3455.1	3393.5	3303.4	3196.0	3071.7	2933.4
25°	3679.2	3747.6	3786.9	3802.0	3786.9	3747.6	3679.2	3579.8	3463.3	3326.5	3168.3
22.5°	3954.8	4029.7	4080.9	4094.0	4080.9	4029.7	3954.8	3851.6	3727.3	3584.0	3415.1
20°	4231.1	4319.6	4385.1	4391.6	4385.1	4319.6	4231.1	4114.7	3974.5	3818.3	3639.8
17.5°	4497.2	4592.9	4663.0	4680.1	4663.0	4592.9	4497.2	4370.6	4212.6	4039.3	3844.5
15°	4735.4	4835.8	4903.5	4918.5	4903.5	4835.8	4735.4	4603.8	4444.5	4255.8	4036.6
12.5°	4940.9	5033.6	5096.8	5120.9	5096.8	5033.6	4940.9	4809.4	4645.8	4443.0	4210.0
10°	5106.6	5178.1	5234.6	5260.1	5234.6	5178.1	5106.6	4975.5	4807.5	4597.3	4347.0
7.5°	5199.0	5257.9	5297.0	5311.0	5297.0	5257.9	5199.0	5094.8	4922.1	4700.4	4453.9
5°	5235.5	5291.9	5313.1	5325.5	5313.1	5291.9	5235.5	5127.2	4986.3	4785.4	4541.3
2.5°	5240.5	5285.7	5329.3	5357.9	5329.3	5285.7	5240.5	5159.4	5037.3	4847.2	4597.3
0°	5269.7	5313.8	5337.9	5351.7	5337.9	5313.8	5269.7	5196.7	5070.7	4884.7	4634.0
-2.5°	5240.5	5285.7	5329.3	5357.9	5329.3	5285.7	5240.5	5159.4	5037.3	4847.2	4597.3
-5°	5235.5	5291.9	5313.1	5325.5	5313.1	5291.9	5235.5	5127.2	4986.3	4785.4	4541.3
-7.5°	5199.0	5257.9	5297.0	5311.0	5297.0	5257.9	5199.0	5094.8	4922.1	4700.4	4453.9
-10°	5106.6	5178.1	5234.6	5260.1	5234.6	5178.1	5106.6	4975.5	4807.5	4597.3	4347.0
-12.5°	4940.9	5033.6	5096.8	5120.9	5096.8	5033.6	4940.9	4809.4	4645.8	4443.0	4210.0
-15°	4735.4	4835.8	4903.5	4918.5	4903.5	4835.8	4735.4	4603.8	4444.5	4255.8	4036.6
-17.5°	4497.2	4592.9	4663.0	4680.1	4663.0	4592.9	4497.2	4370.6	4212.6	4039.3	3844.5
-20°	4231.1	4319.6	4385.1	4391.6	4385.1	4319.6	4231.1	4114.7	3974.5	3818.3	3639.8



REPORT NUMBER: P558651 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	3954.8	4029.7	4080.9	4094.0	4080.9	4029.7	3954.8	3851.6	3727.3	3584.0	3415.1
-25°	3679.2	3747.6	3786.9	3802.0	3786.9	3747.6	3679.2	3579.8	3463.3	3326.5	3168.3
-27.5°	3393.5	3455.1	3489.4	3497.5	3489.4	3455.1	3393.5	3303.4	3196.0	3071.7	2933.4
-30°	3101.4	3156.5	3189.2	3192.4	3189.2	3156.5	3101.4	3025.6	2931.0	2821.7	2697.8
-32.5°	2820.4	2871.3	2904.2	2909.3	2904.2	2871.3	2820.4	2753.9	2670.6	2570.3	2456.1
-35°	2540.2	2582.3	2605.1	2599.4	2605.1	2582.3	2540.2	2479.6	2401.6	2311.0	2214.3
-37.5°	2257.3	2291.3	2308.9	2308.0	2308.9	2291.3	2257.3	2207.5	2142.8	2065.8	1978.6
-40°	1990.6	2023.6	2038.7	2029.1	2038.7	2023.6	1990.6	1944.2	1888.5	1822.7	1748.2
-42.5°	1730.1	1756.4	1774.2	1787.3	1774.2	1756.4	1730.1	1691.5	1646.8	1591.2	1525.8
-45°	1499.9	1527.3	1544.0	1547.0	1544.0	1527.3	1499.9	1465.5	1425.2	1374.4	1312.9
-47.5°	1270.8	1286.8	1298.7	1306.6	1298.7	1286.8	1270.8	1245.7	1210.0	1167.1	1120.6
-50°	1041.2	1054.3	1065.3	1073.8	1065.3	1054.3	1041.2	1019.4	990.7	958.2	920.4
-52.5°	826.4	838.2	849.3	858.9	849.3	838.2	826.4	807.2	782.0	755.4	719.8
-55°	637.8	655.4	665.4	668.1	665.4	655.4	637.8	613.7	583.5	550.8	509.0
-57.5°	431.3	448.0	462.8	473.9	462.8	448.0	431.3	409.1	381.3	349.8	313.7
-60°	242.7	250.4	253.8	254.2	253.8	250.4	242.7	233.3	222.6	211.5	198.6
-62.5°	162.1	164.5	167.0	168.7	167.0	164.5	162.1	158.5	153.8	148.6	143.9
-65°	113.6	114.3	114.8	115.0	114.8	114.3	113.6	112.5	110.9	110.2	109.4
-67.5°	94.0	95.0	95.2	95.0	95.2	95.0	94.0	92.7	91.2	89.3	87.2
-70°	74.9	75.8	75.5	74.4	75.5	75.8	74.9	74.1	73.8	73.6	72.2
-72.5°	42.6	36.0	31.5	26.9	31.5	36.0	42.6	49.1	55.5	60.1	59.4
-75°	28.9	21.1	20.7	20.7	20.7	21.1	28.9	36.5	43.8	49.4	48.9
-77.5°	22.0	16.0	15.5	15.2	15.5	16.0	22.0	27.8	33.2	37.4	37.3
-80°	13.0	10.3	10.6	11.0	10.6	10.3	13.0	15.6	18.1	20.4	21.9
-82.5°	7.8	6.2	6.5	6.9	6.5	6.2	7.8	9.4	10.9	12.2	12.9
-85°	3.1	2.8	2.8	2.8	2.8	2.8	3.1	3.4	3.6	3.9	3.8
-87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
-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: P558651 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-940-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°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.8	0.9	1.0
85°	3.7	3.6	3.5	3.8	4.0	4.1	4.2	3.7	3.2	2.8	2.5
82.5°	13.5	13.9	14.0	13.1	12.3	11.6	10.8	9.0	7.4	5.9	4.8
80°	23.3	24.4	25.2	24.4	23.4	22.1	20.2	16.6	13.3	10.6	9.0
77.5°	37.1	37.1	36.8	35.5	34.3	33.3	31.4	25.9	20.6	15.8	13.4
75°	48.4	47.9	47.1	45.4	43.6	41.5	39.0	35.2	30.5	24.8	20.7
72.5°	58.5	57.5	56.1	54.4	52.4	50.4	48.0	44.8	41.2	36.9	33.6
70°	70.7	69.0	67.2	65.2	63.1	60.9	58.4	55.4	51.5	47.4	45.0
67.5°	84.8	82.3	80.1	77.0	74.4	71.7	70.2	67.6	64.1	59.9	57.0
65°	106.6	101.4	98.1	97.9	95.3	90.1	84.8	82.3	79.5	74.7	69.7
62.5°	140.1	137.5	130.6	124.3	119.7	116.1	109.4	102.2	96.7	91.8	85.3
60°	183.5	166.5	159.5	151.8	143.1	134.6	128.9	121.9	113.7	107.2	100.5
57.5°	273.1	239.9	220.5	199.1	175.6	162.6	153.1	142.2	133.0	123.9	115.4
55°	457.7	409.7	358.5	299.3	243.8	219.1	191.7	170.1	156.7	141.4	131.3
52.5°	674.4	616.6	552.2	481.4	409.4	332.9	257.5	225.4	188.6	165.9	149.0
50°	875.3	815.1	751.7	682.2	596.3	503.1	412.1	321.4	247.3	205.0	171.2
47.5°	1065.7	999.9	929.5	854.6	775.4	687.3	580.8	469.0	364.0	258.6	212.6
45°	1250.4	1179.6	1100.6	1019.1	934.2	843.9	748.6	634.0	507.6	386.4	261.1
42.5°	1449.9	1364.3	1275.8	1184.6	1087.4	991.3	890.5	783.0	661.8	522.5	386.9
40°	1661.5	1566.8	1465.7	1357.4	1249.5	1135.4	1026.7	913.7	795.7	664.1	511.3
37.5°	1878.5	1769.8	1659.9	1540.6	1417.6	1292.3	1165.3	1040.8	914.8	786.2	638.3
35°	2104.1	1983.9	1856.7	1726.5	1588.0	1451.6	1311.7	1170.2	1032.3	895.1	753.6
32.5°	2331.9	2200.1	2057.5	1913.3	1763.4	1609.8	1458.2	1304.7	1147.2	1000.8	852.7
30°	2561.5	2415.4	2260.1	2095.5	1932.2	1767.8	1601.0	1432.5	1263.9	1101.3	947.8
27.5°	2786.8	2628.2	2459.3	2280.3	2093.5	1917.3	1737.9	1555.4	1373.8	1200.7	1035.8
25°	3009.1	2835.3	2648.0	2456.5	2260.6	2055.2	1864.6	1672.7	1481.6	1293.5	1115.5
22.5°	3230.5	3035.9	2830.0	2618.8	2413.3	2197.0	1984.3	1780.5	1581.2	1381.8	1193.4
20°	3442.6	3228.3	3006.1	2777.4	2549.9	2327.0	2098.1	1881.4	1670.9	1464.5	1265.8
17.5°	3629.9	3402.9	3169.3	2922.3	2679.3	2442.5	2205.7	1973.9	1752.2	1536.3	1331.4
15°	3802.8	3562.0	3313.6	3055.2	2797.0	2543.4	2298.6	2055.3	1825.0	1600.2	1389.6
12.5°	3959.9	3704.5	3444.2	3171.8	2900.9	2632.6	2377.7	2128.7	1888.7	1657.1	1438.6
10°	4088.1	3822.6	3552.1	3272.8	2990.6	2710.3	2443.2	2187.8	1940.0	1702.4	1479.5
7.5°	4192.4	3915.4	3634.5	3352.7	3062.0	2775.2	2497.9	2232.6	1980.0	1735.5	1511.6
5°	4273.7	3988.5	3697.6	3411.4	3113.5	2820.7	2538.7	2262.7	2008.1	1756.8	1534.8
2.5°	4329.5	4038.2	3736.8	3446.8	3146.9	2849.0	2569.1	2286.0	2028.1	1779.2	1555.1
0°	4363.3	4075.4	3766.2	3471.4	3177.3	2864.6	2589.7	2301.8	2036.7	1793.5	1565.6
-2.5°	4329.5	4038.2	3736.8	3446.8	3146.9	2849.0	2569.1	2286.0	2028.1	1779.2	1555.1
-5°	4273.7	3988.5	3697.6	3411.4	3113.5	2820.7	2538.7	2262.7	2008.1	1756.8	1534.8
-7.5°	4192.4	3915.4	3634.5	3352.7	3062.0	2775.2	2497.9	2232.6	1980.0	1735.5	1511.6
-10°	4088.1	3822.6	3552.1	3272.8	2990.6	2710.3	2443.2	2187.8	1940.0	1702.4	1479.5
-12.5°	3959.9	3704.5	3444.2	3171.8	2900.9	2632.6	2377.7	2128.7	1888.7	1657.1	1438.6
-15°	3802.8	3562.0	3313.6	3055.2	2797.0	2543.4	2298.6	2055.3	1825.0	1600.2	1389.6
-17.5°	3629.9	3402.9	3169.3	2922.3	2679.3	2442.5	2205.7	1973.9	1752.2	1536.3	1331.4
-20°	3442.6	3228.3	3006.1	2777.4	2549.9	2327.0	2098.1	1881.4	1670.9	1464.5	1265.8



REPORT NUMBER: P558651 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	3230.5	3035.9	2830.0	2618.8	2413.3	2197.0	1984.3	1780.5	1581.2	1381.8	1193.4
-25°	3009.1	2835.3	2648.0	2456.5	2260.6	2055.2	1864.6	1672.7	1481.6	1293.5	1115.5
-27.5°	2786.8	2628.2	2459.3	2280.3	2093.5	1917.3	1737.9	1555.4	1373.8	1200.7	1035.8
-30°	2561.5	2415.4	2260.1	2095.5	1932.2	1767.8	1601.0	1432.5	1263.9	1101.3	947.8
-32.5°	2331.9	2200.1	2057.5	1913.3	1763.4	1609.8	1458.2	1304.7	1147.2	1000.8	852.7
-35°	2104.1	1983.9	1856.7	1726.5	1588.0	1451.6	1311.7	1170.2	1032.3	895.1	753.6
-37.5°	1878.5	1769.8	1659.9	1540.6	1417.6	1292.3	1165.3	1040.8	914.8	786.2	638.3
-40°	1661.5	1566.8	1465.7	1357.4	1249.5	1135.4	1026.7	913.7	795.7	664.1	511.3
-42.5°	1449.9	1364.3	1275.8	1184.6	1087.4	991.3	890.5	783.0	661.8	522.5	386.9
-45°	1250.4	1179.6	1100.6	1019.1	934.2	843.9	748.6	634.0	507.6	386.4	261.1
-47.5°	1065.7	999.9	929.5	854.6	775.4	687.3	580.8	469.0	364.0	258.6	212.6
-50°	875.3	815.1	751.7	682.2	596.3	503.1	412.1	321.4	247.3	205.0	171.2
-52.5°	674.4	616.6	552.2	481.4	409.4	332.9	257.5	225.4	188.6	165.9	149.0
-55°	457.7	409.7	358.5	299.3	243.8	219.1	191.7	170.1	156.7	141.4	131.3
-57.5°	273.1	239.9	220.5	199.1	175.6	162.6	153.1	142.2	133.0	123.9	115.4
-60°	183.5	166.5	159.5	151.8	143.1	134.6	128.9	121.9	113.7	107.2	100.5
-62.5°	140.1	137.5	130.6	124.3	119.7	116.1	109.4	102.2	96.7	91.8	85.3
-65°	106.6	101.4	98.1	97.9	95.3	90.1	84.8	82.3	79.5	74.7	69.7
-67.5°	84.8	82.3	80.1	77.0	74.4	71.7	70.2	67.6	64.1	59.9	57.0
-70°	70.7	69.0	67.2	65.2	63.1	60.9	58.4	55.4	51.5	47.4	45.0
-72.5°	58.5	57.5	56.1	54.4	52.4	50.4	48.0	44.8	41.2	36.9	33.6
-75°	48.4	47.9	47.1	45.4	43.6	41.5	39.0	35.2	30.5	24.8	20.7
-77.5°	37.1	37.1	36.8	35.5	34.3	33.3	31.4	25.9	20.6	15.8	13.4
-80°	23.3	24.4	25.2	24.4	23.4	22.1	20.2	16.6	13.3	10.6	9.0
-82.5°	13.5	13.9	14.0	13.1	12.3	11.6	10.8	9.0	7.4	5.9	4.8
-85°	3.7	3.6	3.5	3.8	4.0	4.1	4.2	3.7	3.2	2.8	2.5
-87.5°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.8	0.9	1.0
-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: P558651 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	0.9	0.9	0.9	0.8	0.8	0.9	0.9	0.9	0.8	0.7	0.6
85°	2.5	2.5	2.3	2.1	2.0	1.8	1.8	1.8	1.6	1.4	1.3
82.5°	4.9	4.9	5.0	4.9	4.9	4.7	4.4	3.9	3.1	2.3	1.9
80°	10.1	10.7	10.7	10.1	8.8	7.7	7.4	6.8	5.6	4.5	3.4
77.5°	15.4	16.9	17.8	17.5	15.6	13.7	12.0	10.1	8.1	6.7	5.2
75°	21.2	23.1	24.5	24.5	22.5	19.8	17.4	14.9	12.0	9.0	7.1
72.5°	32.0	31.2	31.5	31.6	29.9	27.3	23.8	19.7	16.3	12.8	9.3
70°	42.9	40.0	38.1	37.8	36.9	35.0	31.5	26.2	20.6	16.6	12.6
67.5°	54.4	51.5	47.8	44.6	43.5	41.8	39.1	32.9	26.3	20.4	15.9
65°	66.2	62.8	59.3	54.6	51.0	48.6	45.9	39.3	31.8	25.0	19.1
62.5°	79.1	73.5	69.1	64.0	59.1	55.4	52.5	45.4	37.2	29.4	22.6
60°	93.2	86.1	78.9	72.9	67.0	61.8	57.7	51.5	43.0	33.6	26.1
57.5°	107.5	98.9	89.9	81.9	75.1	68.6	62.6	56.6	48.8	38.7	29.2
55°	121.9	112.3	100.9	91.1	83.0	75.8	68.0	61.3	54.2	44.0	31.6
52.5°	135.9	124.9	112.7	100.6	90.7	82.6	73.9	65.9	58.5	49.3	35.2
50°	153.0	137.1	124.2	111.0	98.2	88.8	79.5	70.8	62.8	54.2	38.5
47.5°	172.6	152.5	135.6	121.3	107.4	94.8	85.0	75.4	67.0	58.0	41.4
45°	211.9	170.1	148.8	131.8	116.1	102.2	90.5	79.7	70.8	59.6	43.9
42.5°	256.8	202.9	164.4	142.1	125.4	109.5	95.8	84.5	74.4	60.7	45.3
40°	364.8	243.9	185.4	156.0	134.8	116.4	101.9	89.2	77.4	61.4	45.8
37.5°	475.8	320.0	222.4	169.4	144.8	124.8	107.6	93.7	78.7	62.0	45.9
35°	588.4	419.6	258.6	193.7	156.7	132.9	112.8	98.2	81.5	62.7	45.7
32.5°	695.3	515.7	341.8	225.8	168.2	140.7	119.0	102.7	85.2	63.3	45.1
30°	786.9	609.0	424.1	256.5	184.2	150.5	125.8	107.0	89.6	63.9	44.4
27.5°	870.3	696.1	501.5	316.0	210.7	159.8	132.3	111.0	94.6	65.5	44.6
25°	947.0	770.5	576.2	381.3	235.5	168.8	138.1	114.8	98.5	68.9	44.6
22.5°	1014.8	836.7	644.6	440.7	258.0	177.5	144.4	119.6	101.6	72.4	44.5
20°	1075.6	896.8	706.7	495.5	294.8	196.0	151.1	123.9	104.3	76.1	44.3
17.5°	1130.3	949.1	758.9	547.5	338.9	212.4	157.3	127.7	106.8	79.8	43.8
15°	1183.7	993.5	803.2	593.6	377.6	226.7	162.9	130.9	108.9	83.5	43.6
12.5°	1228.6	1031.4	840.6	633.4	411.0	238.7	167.8	133.6	110.8	86.7	43.3
10°	1264.6	1062.8	871.0	666.7	438.7	248.5	172.0	135.6	112.3	89.3	42.5
7.5°	1291.7	1087.3	894.5	693.2	460.7	256.6	174.6	136.8	113.4	91.4	41.1
5°	1311.3	1105.8	911.6	712.9	476.5	263.1	176.3	137.4	114.3	93.0	39.4
2.5°	1327.5	1118.8	922.3	725.5	486.2	267.7	177.1	137.5	114.8	93.7	37.3
0°	1335.5	1124.7	926.4	730.8	489.7	270.0	177.0	137.1	115.0	93.7	35.1
-2.5°	1327.5	1118.8	922.3	725.5	486.2	267.7	177.1	137.5	114.8	93.7	37.3
-5°	1311.3	1105.8	911.6	712.9	476.5	263.1	176.3	137.4	114.3	93.0	39.4
-7.5°	1291.7	1087.3	894.5	693.2	460.7	256.6	174.6	136.8	113.4	91.4	41.1
-10°	1264.6	1062.8	871.0	666.7	438.7	248.5	172.0	135.6	112.3	89.3	42.5
-12.5°	1228.6	1031.4	840.6	633.4	411.0	238.7	167.8	133.6	110.8	86.7	43.3
-15°	1183.7	993.5	803.2	593.6	377.6	226.7	162.9	130.9	108.9	83.5	43.6
-17.5°	1130.3	949.1	758.9	547.5	338.9	212.4	157.3	127.7	106.8	79.8	43.8
-20°	1075.6	896.8	706.7	495.5	294.8	196.0	151.1	123.9	104.3	76.1	44.3



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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°	1014.8	836.7	644.6	440.7	258.0	177.5	144.4	119.6	101.6	72.4	44.5
-25°	947.0	770.5	576.2	381.3	235.5	168.8	138.1	114.8	98.5	68.9	44.6
-27.5°	870.3	696.1	501.5	316.0	210.7	159.8	132.3	111.0	94.6	65.5	44.6
-30°	786.9	609.0	424.1	256.5	184.2	150.5	125.8	107.0	89.6	63.9	44.4
-32.5°	695.3	515.7	341.8	225.8	168.2	140.7	119.0	102.7	85.2	63.3	45.1
-35°	588.4	419.6	258.6	193.7	156.7	132.9	112.8	98.2	81.5	62.7	45.7
-37.5°	475.8	320.0	222.4	169.4	144.8	124.8	107.6	93.7	78.7	62.0	45.9
-40°	364.8	243.9	185.4	156.0	134.8	116.4	101.9	89.2	77.4	61.4	45.8
-42.5°	256.8	202.9	164.4	142.1	125.4	109.5	95.8	84.5	74.4	60.7	45.3
-45°	211.9	170.1	148.8	131.8	116.1	102.2	90.5	79.7	70.8	59.6	43.9
-47.5°	172.6	152.5	135.6	121.3	107.4	94.8	85.0	75.4	67.0	58.0	41.4
-50°	153.0	137.1	124.2	111.0	98.2	88.8	79.5	70.8	62.8	54.2	38.5
-52.5°	135.9	124.9	112.7	100.6	90.7	82.6	73.9	65.9	58.5	49.3	35.2
-55°	121.9	112.3	100.9	91.1	83.0	75.8	68.0	61.3	54.2	44.0	31.6
-57.5°	107.5	98.9	89.9	81.9	75.1	68.6	62.6	56.6	48.8	38.7	29.2
-60°	93.2	86.1	78.9	72.9	67.0	61.8	57.7	51.5	43.0	33.6	26.1
-62.5°	79.1	73.5	69.1	64.0	59.1	55.4	52.5	45.4	37.2	29.4	22.6
-65°	66.2	62.8	59.3	54.6	51.0	48.6	45.9	39.3	31.8	25.0	19.1
-67.5°	54.4	51.5	47.8	44.6	43.5	41.8	39.1	32.9	26.3	20.4	15.9
-70°	42.9	40.0	38.1	37.8	36.9	35.0	31.5	26.2	20.6	16.6	12.6
-72.5°	32.0	31.2	31.5	31.6	29.9	27.3	23.8	19.7	16.3	12.8	9.3
-75°	21.2	23.1	24.5	24.5	22.5	19.8	17.4	14.9	12.0	9.0	7.1
-77.5°	15.4	16.9	17.8	17.5	15.6	13.7	12.0	10.1	8.1	6.7	5.2
-80°	10.1	10.7	10.7	10.1	8.8	7.7	7.4	6.8	5.6	4.5	3.4
-82.5°	4.9	4.9	5.0	4.9	4.9	4.7	4.4	3.9	3.1	2.3	1.9
-85°	2.5	2.5	2.3	2.1	2.0	1.8	1.8	1.8	1.6	1.4	1.3
-87.5°	0.9	0.9	0.9	0.8	0.8	0.9	0.9	0.9	0.8	0.7	0.6
-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):

	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°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
82.5°	1.6	1.4	1.1	0.8	0.5	0.3	0.0
80°	2.3	1.8	1.5	1.1	0.7	0.4	0.0
77.5°	3.8	2.5	1.8	1.4	0.9	0.5	0.0
75°	5.3	3.6	2.2	1.6	1.1	0.5	0.0
72.5°	6.8	4.6	2.9	1.9	1.3	0.6	0.0
70°	8.3	5.6	3.6	2.2	1.4	0.7	0.0
67.5°	10.9	6.6	4.3	2.6	1.6	0.8	0.0
65°	13.2	7.9	4.9	3.0	1.8	0.9	0.0
62.5°	15.5	9.5	5.5	3.4	1.9	1.0	0.0
60°	17.5	10.9	6.1	3.7	2.1	1.0	0.0
57.5°	19.5	12.2	6.9	4.0	2.3	1.1	0.0
55°	21.3	13.3	7.7	4.3	2.5	1.2	0.0
52.5°	22.9	14.4	8.4	4.6	2.7	1.3	0.0
50°	24.2	15.3	9.0	4.8	2.9	1.3	0.0
47.5°	25.4	16.1	9.4	5.1	3.0	1.4	0.0
45°	27.4	16.6	9.8	5.4	3.2	1.5	0.0
42.5°	29.1	17.0	10.1	5.6	3.4	1.5	0.0
40°	30.5	17.2	10.3	5.8	3.5	1.6	0.0
37.5°	31.5	17.2	10.4	6.1	3.7	1.7	0.0
35°	32.1	17.6	10.3	6.4	3.8	1.7	0.0
32.5°	32.3	18.0	10.2	6.6	4.0	1.8	0.0
30°	31.7	18.3	9.9	6.9	4.1	1.8	0.0
27.5°	30.8	18.3	10.2	7.1	4.2	1.9	0.0
25°	29.7	18.0	10.5	7.3	4.3	1.9	0.0
22.5°	28.3	18.0	10.8	7.5	4.4	1.9	0.0
20°	26.8	18.9	11.0	7.7	4.5	2.0	0.0
17.5°	26.5	19.6	11.3	7.8	4.5	2.0	0.0
15°	27.0	20.3	11.5	7.9	4.6	2.0	0.0
12.5°	27.5	20.8	11.7	8.0	4.7	2.1	0.0
10°	27.9	21.2	11.9	8.1	4.7	2.1	0.0
7.5°	28.3	21.6	12.1	8.2	4.8	2.1	0.0
5°	28.6	21.8	12.2	8.3	4.8	2.1	0.0
2.5°	28.8	22.0	12.3	8.3	4.8	2.1	0.0
0°	28.9	22.0	12.4	8.3	4.8	2.1	0.0
-2.5°	28.8	22.0	12.3	8.3	4.8	2.1	0.0
-5°	28.6	21.8	12.2	8.3	4.8	2.1	0.0
-7.5°	28.3	21.6	12.1	8.2	4.8	2.1	0.0
-10°	27.9	21.2	11.9	8.1	4.7	2.1	0.0
-12.5°	27.5	20.8	11.7	8.0	4.7	2.1	0.0
-15°	27.0	20.3	11.5	7.9	4.6	2.0	0.0
-17.5°	26.5	19.6	11.3	7.8	4.5	2.0	0.0
-20°	26.8	18.9	11.0	7.7	4.5	2.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	28.3	18.0	10.8	7.5	4.4	1.9	0.0
-25°	29.7	18.0	10.5	7.3	4.3	1.9	0.0
-27.5°	30.8	18.3	10.2	7.1	4.2	1.9	0.0
-30°	31.7	18.3	9.9	6.9	4.1	1.8	0.0
-32.5°	32.3	18.0	10.2	6.6	4.0	1.8	0.0
-35°	32.1	17.6	10.3	6.4	3.8	1.7	0.0
-37.5°	31.5	17.2	10.4	6.1	3.7	1.7	0.0
-40°	30.5	17.2	10.3	5.8	3.5	1.6	0.0
-42.5°	29.1	17.0	10.1	5.6	3.4	1.5	0.0
-45°	27.4	16.6	9.8	5.4	3.2	1.5	0.0
-47.5°	25.4	16.1	9.4	5.1	3.0	1.4	0.0
-50°	24.2	15.3	9.0	4.8	2.9	1.3	0.0
-52.5°	22.9	14.4	8.4	4.6	2.7	1.3	0.0
-55°	21.3	13.3	7.7	4.3	2.5	1.2	0.0
-57.5°	19.5	12.2	6.9	4.0	2.3	1.1	0.0
-60°	17.5	10.9	6.1	3.7	2.1	1.0	0.0
-62.5°	15.5	9.5	5.5	3.4	1.9	1.0	0.0
-65°	13.2	7.9	4.9	3.0	1.8	0.9	0.0
-67.5°	10.9	6.6	4.3	2.6	1.6	0.8	0.0
-70°	8.3	5.6	3.6	2.2	1.4	0.7	0.0
-72.5°	6.8	4.6	2.9	1.9	1.3	0.6	0.0
-75°	5.3	3.6	2.2	1.6	1.1	0.5	0.0
-77.5°	3.8	2.5	1.8	1.4	0.9	0.5	0.0
-80°	2.3	1.8	1.5	1.1	0.7	0.4	0.0
-82.5°	1.6	1.4	1.1	0.8	0.5	0.3	0.0
-85°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-87.5°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)