

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: P558779 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-940-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558779 (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-SA3B-940-U-WR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (48) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

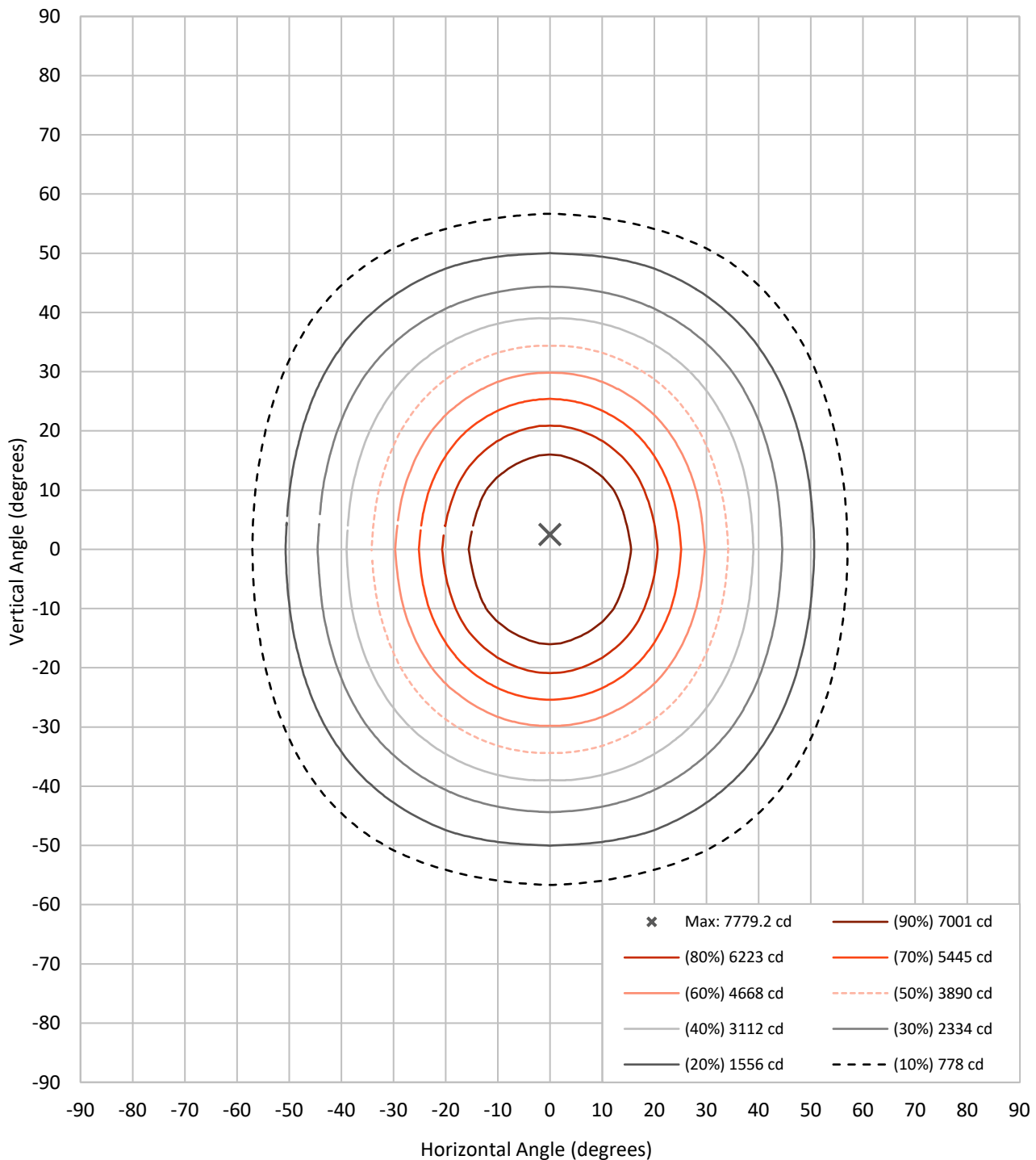
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	10528.4 lumens	Max Intensity:	7779.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	115.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	6312.5 lumens	Field Lumens:	10057.5 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 91
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





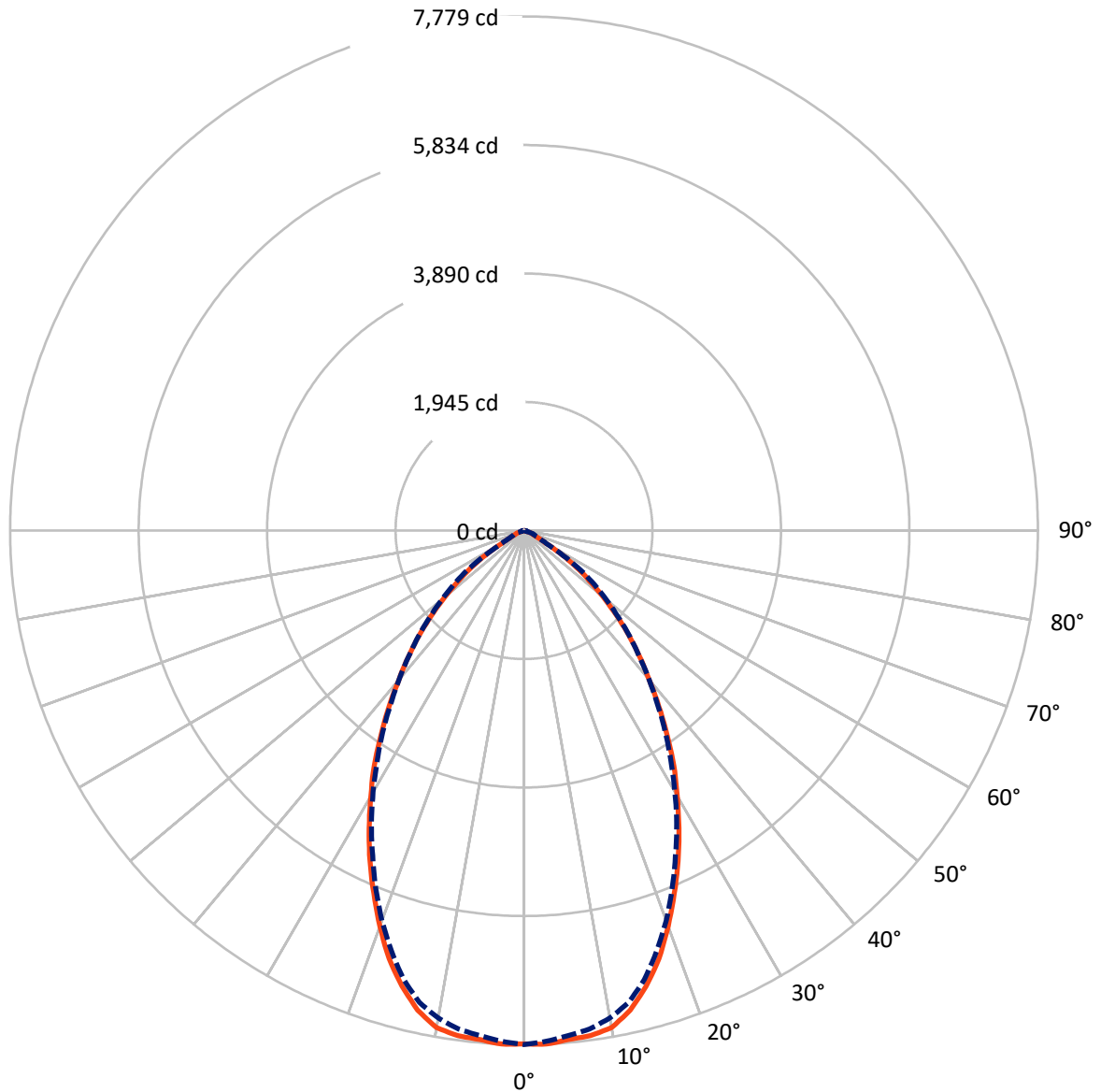
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Lumen Table

90	0.1	1.0	2.5	4.4	3.1	4.4	2.5	1.0	0.1							
80	0.1	1.0	2.5	4.4	3.1	4.4	2.5	1.0	0.1							
70	0.5	0.7	1.4	2.2	3.2	4.2	5.2	5.9	5.9	5.2	4.2	3.2	2.2	1.4	0.7	0.5
60		1.2	2.4	4.2	8.2	15.8	23.7	28.4	28.4	23.7	15.8	8.2	4.2	2.4	1.2	
50	0.8	1.5	3.5	10.1	26.5	44.1	58.7	66.9	66.9	58.7	44.1	26.5	10.1	3.5	1.5	0.8
40		1.9	5.9	23.3	47.6	74.4	98.6	113.1	113.1	98.6	74.4	47.6	23.3	5.9	1.9	
30	0.9	2.2	10.8	35.2	67.6	105.8	141.4	163.8	163.8	141.4	105.8	67.6	35.2	10.8	2.2	0.9
20		2.7	15.4	43.8	83.3	132.2	180.0	210.3	210.3	180.0	132.2	83.3	43.8	15.4	2.7	
10	0.9	2.9	18.0	48.4	92.2	147.7	202.2	231.2	231.2	202.2	147.7	92.2	48.4	18.0	2.9	0.9
0		2.9	18.0	48.4	92.2	147.7	202.2	231.2	231.2	202.2	147.7	92.2	48.4	18.0	2.9	
-10	0.9	2.7	15.4	43.8	83.3	132.2	180.0	210.3	210.3	180.0	132.2	83.3	43.8	15.4	2.7	0.9
-20		2.2	10.8	35.2	67.6	105.8	141.4	163.8	163.8	141.4	105.8	67.6	35.2	10.8	2.2	
-30	0.8	1.9	5.9	23.3	47.6	74.4	98.6	113.1	113.1	98.6	74.4	47.6	23.3	5.9	1.9	0.8
-40		1.5	3.5	10.1	26.5	44.1	58.7	66.9	66.9	58.7	44.1	26.5	10.1	3.5	1.5	
-50	0.5	1.2	2.4	4.2	8.2	15.8	23.7	28.4	28.4	23.7	15.8	8.2	4.2	2.4	1.2	0.5
-60		0.7	1.4	2.2	3.2	4.2	5.2	5.9	5.9	5.2	4.2	3.2	2.2	1.4	0.7	
-70	0.1	1.0	2.5	4.4	3.1	4.4	2.5	1.0	0.1							
-80		0.1	1.0	2.5	4.4	3.1	4.4	2.5	1.0	0.1						
-90	0.1	1.0	2.5	4.4	3.1	4.4	2.5	1.0	0.1							

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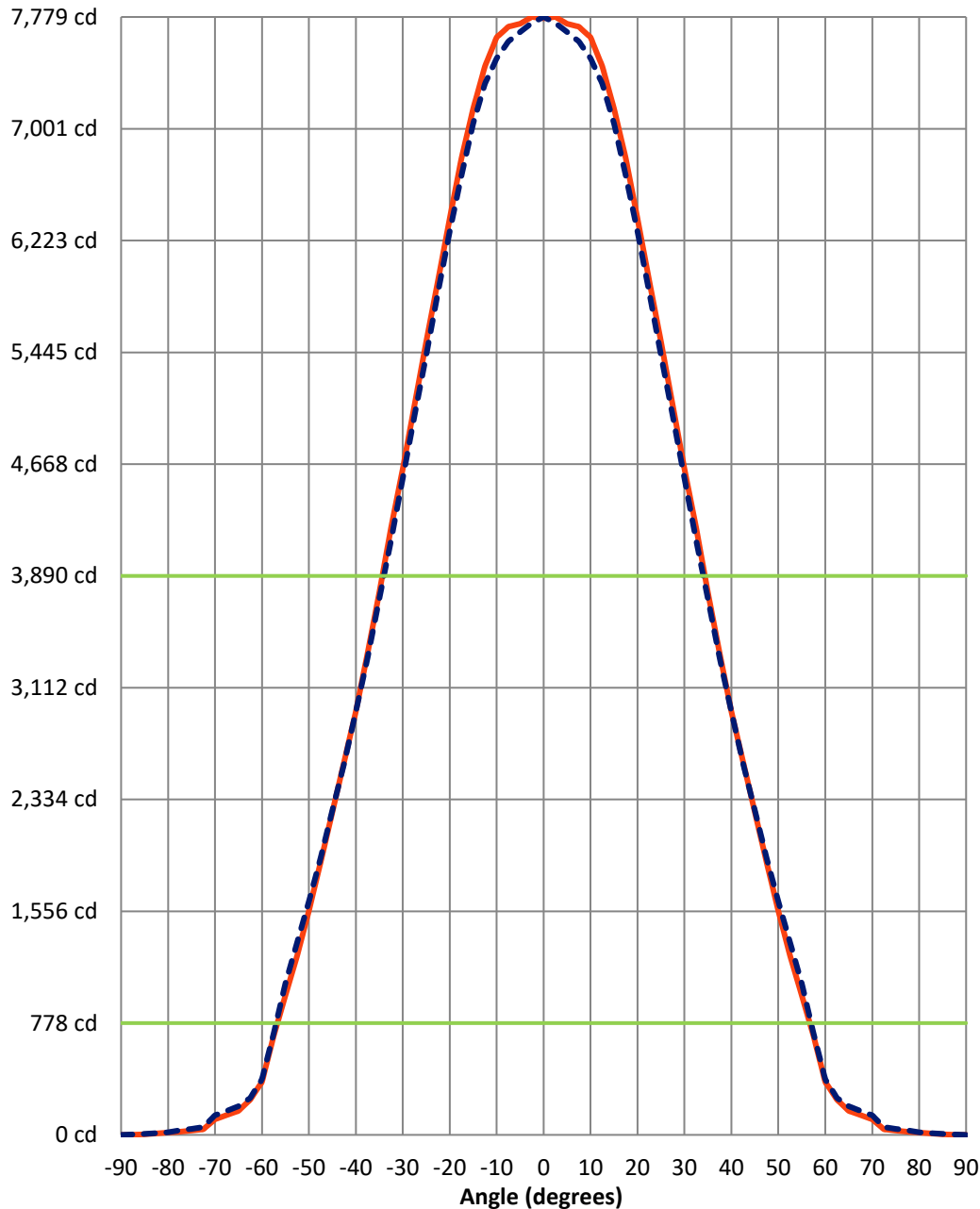
Luminous Intensity Polar Plot



— 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: 6312.5
 Efficiency: 60.0%

Field:
 H Angle: 114°
 V Angle: 113.4°
 Lumens: 10057.5
 Efficiency: 95.5%

Spill:
 Lumens: 471
 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	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.3
85°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.0	2.3	2.5
82.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.2	4.4	5.6
80°	0.0	0.5	1.0	1.6	2.1	2.6	3.3	4.8	6.4	8.1	9.8
77.5°	0.0	0.6	1.3	1.9	2.6	3.6	5.5	7.5	9.6	11.7	14.6
75°	0.0	0.8	1.6	2.3	3.2	5.1	7.7	10.2	13.0	17.3	21.6
72.5°	0.0	0.9	1.8	2.7	4.2	6.7	9.8	13.5	18.6	23.6	28.5
70°	0.0	1.0	2.0	3.1	5.2	8.2	12.1	18.3	24.1	29.8	38.0
67.5°	0.0	1.1	2.3	3.7	6.2	9.6	15.7	23.1	29.5	38.1	47.8
65°	0.0	1.3	2.5	4.3	7.1	11.4	19.2	27.7	36.2	46.1	57.0
62.5°	0.0	1.4	2.8	4.8	8.0	13.7	22.4	32.8	42.6	53.9	65.9
60°	0.0	1.5	3.0	5.4	8.8	15.8	25.3	37.8	48.7	62.4	74.8
57.5°	0.0	1.6	3.3	5.8	10.0	17.7	28.3	42.4	56.1	70.8	82.2
55°	0.0	1.7	3.6	6.3	11.1	19.3	30.9	45.9	63.9	78.8	89.0
52.5°	0.0	1.8	3.9	6.7	12.1	20.8	33.2	51.1	71.7	85.0	95.7
50°	0.0	1.9	4.1	7.1	13.0	22.2	35.0	56.0	78.7	91.2	102.8
47.5°	0.0	2.0	4.4	7.4	13.7	23.3	36.8	60.2	84.2	97.3	109.5
45°	0.0	2.1	4.7	7.8	14.2	24.1	39.8	63.8	86.6	102.8	115.8
42.5°	0.0	2.2	4.9	8.1	14.6	24.7	42.3	65.8	88.2	108.0	122.7
40°	0.0	2.3	5.1	8.5	14.9	24.9	44.2	66.5	89.1	112.3	129.5
37.5°	0.0	2.4	5.3	8.9	15.0	24.9	45.7	66.7	90.0	114.2	136.1
35°	0.0	2.5	5.6	9.3	15.0	25.5	46.7	66.4	91.0	118.4	142.6
32.5°	0.0	2.5	5.7	9.6	14.8	26.2	46.9	65.5	91.9	123.7	149.2
30°	0.0	2.6	5.9	10.0	14.4	26.5	46.0	64.5	92.8	130.1	155.4
27.5°	0.0	2.7	6.1	10.3	14.8	26.5	44.8	64.7	95.1	137.3	161.2
25°	0.0	2.7	6.2	10.6	15.2	26.2	43.2	64.8	100.0	143.1	166.7
22.5°	0.0	2.8	6.4	10.9	15.6	26.2	41.2	64.6	105.2	147.5	173.7
20°	0.0	2.8	6.5	11.1	16.0	27.5	38.9	64.3	110.5	151.5	180.0
17.5°	0.0	2.9	6.6	11.3	16.4	28.5	38.5	63.7	115.9	155.1	185.4
15°	0.0	2.9	6.7	11.5	16.7	29.5	39.3	63.3	121.2	158.2	190.1
12.5°	0.0	2.9	6.8	11.6	17.0	30.2	40.0	62.9	125.8	160.9	194.0
10°	0.0	3.0	6.9	11.8	17.3	30.9	40.6	61.7	129.7	163.0	196.9
7.5°	0.0	3.0	6.9	11.9	17.5	31.4	41.1	59.7	132.8	164.7	198.6
5°	0.0	3.0	7.0	11.9	17.7	31.7	41.5	57.2	135.0	165.9	199.5
2.5°	0.0	3.0	7.0	12.0	18.0	32.0	42.0	51.0	136.0	167.0	199.0
0°	0.0	3.0	7.0	12.0	18.0	32.0	42.0	51.0	136.0	167.0	199.0
-2.5°	0.0	3.0	7.0	12.0	17.9	31.9	41.8	54.2	136.1	166.7	199.6
-5°	0.0	3.0	7.0	11.9	17.7	31.7	41.5	57.2	135.0	165.9	199.5
-7.5°	0.0	3.0	6.9	11.9	17.5	31.4	41.1	59.7	132.8	164.7	198.6
-10°	0.0	3.0	6.9	11.8	17.3	30.9	40.6	61.7	129.7	163.0	196.9
-12.5°	0.0	2.9	6.8	11.6	17.0	30.2	40.0	62.9	125.8	160.9	194.0
-15°	0.0	2.9	6.7	11.5	16.7	29.5	39.3	63.3	121.2	158.2	190.1
-17.5°	0.0	2.9	6.6	11.3	16.4	28.5	38.5	63.7	115.9	155.1	185.4
-20°	0.0	2.8	6.5	11.1	16.0	27.5	38.9	64.3	110.5	151.5	180.0



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 CATALOG NUMBER: GFLD-SA3B-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	2.8	6.4	10.9	15.6	26.2	41.2	64.6	105.2	147.5	173.7
-25°	0.0	2.7	6.2	10.6	15.2	26.2	43.2	64.8	100.0	143.1	166.7
-27.5°	0.0	2.7	6.1	10.3	14.8	26.5	44.8	64.7	95.1	137.3	161.2
-30°	0.0	2.6	5.9	10.0	14.4	26.5	46.0	64.5	92.8	130.1	155.4
-32.5°	0.0	2.5	5.7	9.6	14.8	26.2	46.9	65.5	91.9	123.7	149.2
-35°	0.0	2.5	5.6	9.3	15.0	25.5	46.7	66.4	91.0	118.4	142.6
-37.5°	0.0	2.4	5.3	8.9	15.0	24.9	45.7	66.7	90.0	114.2	136.1
-40°	0.0	2.3	5.1	8.5	14.9	24.9	44.2	66.5	89.1	112.3	129.5
-42.5°	0.0	2.2	4.9	8.1	14.6	24.7	42.3	65.8	88.2	108.0	122.7
-45°	0.0	2.1	4.7	7.8	14.2	24.1	39.8	63.8	86.6	102.8	115.8
-47.5°	0.0	2.0	4.4	7.4	13.7	23.3	36.8	60.2	84.2	97.3	109.5
-50°	0.0	1.9	4.1	7.1	13.0	22.2	35.0	56.0	78.7	91.2	102.8
-52.5°	0.0	1.8	3.9	6.7	12.1	20.8	33.2	51.1	71.7	85.0	95.7
-55°	0.0	1.7	3.6	6.3	11.1	19.3	30.9	45.9	63.9	78.8	89.0
-57.5°	0.0	1.6	3.3	5.8	10.0	17.7	28.3	42.4	56.1	70.8	82.2
-60°	0.0	1.5	3.0	5.4	8.8	15.8	25.3	37.8	48.7	62.4	74.8
-62.5°	0.0	1.4	2.8	4.8	8.0	13.7	22.4	32.8	42.6	53.9	65.9
-65°	0.0	1.3	2.5	4.3	7.1	11.4	19.2	27.7	36.2	46.1	57.0
-67.5°	0.0	1.1	2.3	3.7	6.2	9.6	15.7	23.1	29.5	38.1	47.8
-70°	0.0	1.0	2.0	3.1	5.2	8.2	12.1	18.3	24.1	29.8	38.0
-72.5°	0.0	0.9	1.8	2.7	4.2	6.7	9.8	13.5	18.6	23.6	28.5
-75°	0.0	0.8	1.6	2.3	3.2	5.1	7.7	10.2	13.0	17.3	21.6
-77.5°	0.0	0.6	1.3	1.9	2.6	3.6	5.5	7.5	9.6	11.7	14.6
-80°	0.0	0.5	1.0	1.6	2.1	2.6	3.3	4.8	6.4	8.1	9.8
-82.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.2	4.4	5.6
-85°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.0	2.3	2.5
-87.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA3B-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°	1.3	1.3	1.2	1.1	1.2	1.3	1.4	1.4	1.3	1.2	1.0
85°	2.5	2.5	2.8	3.0	3.4	3.6	3.7	3.7	4.1	4.7	5.3
82.5°	6.3	6.8	7.0	7.1	7.2	7.2	7.1	7.1	8.7	10.8	13.1
80°	10.6	11.1	12.8	14.6	15.5	15.5	14.7	13.1	15.5	19.4	24.1
77.5°	17.3	19.9	22.6	25.3	25.9	24.6	22.4	19.5	22.9	29.8	37.6
75°	25.2	28.7	32.6	35.6	35.6	33.5	30.7	30.1	35.9	44.3	51.1
72.5°	34.5	39.6	43.4	45.9	45.7	45.3	46.4	48.9	53.7	59.8	65.1
70°	45.7	50.8	53.6	54.9	55.4	58.2	62.3	65.4	68.8	74.8	80.4
67.5°	56.8	60.7	63.1	64.8	69.5	74.8	79.0	82.8	87.0	93.1	98.2
65°	66.6	70.6	74.1	79.3	86.1	91.1	96.1	101.2	108.5	115.4	119.5
62.5°	76.3	80.5	85.9	92.9	100.3	106.7	114.8	123.8	133.3	140.4	148.5
60°	83.8	89.8	97.4	105.8	114.5	125.0	135.3	146.0	155.7	165.1	177.0
57.5°	90.9	99.6	109.0	118.9	130.5	143.6	156.2	167.6	179.9	193.1	206.5
55°	98.7	110.1	120.5	132.3	146.5	163.1	177.1	190.7	205.3	227.5	246.9
52.5°	107.3	119.9	131.7	146.0	163.7	181.4	197.3	216.4	240.8	273.8	327.3
50°	115.3	128.9	142.7	161.2	180.3	199.0	222.0	248.6	297.6	359.0	466.6
47.5°	123.4	137.7	156.0	176.0	196.8	221.4	250.6	308.6	375.5	528.5	681.0
45°	131.3	148.3	168.5	191.3	216.1	247.0	307.7	379.2	561.0	737.1	920.5
42.5°	139.1	159.0	182.1	206.4	238.8	294.7	372.8	561.8	758.6	960.8	1136.8
40°	147.9	169.0	195.7	226.5	269.3	354.2	529.7	742.3	964.2	1155.2	1326.5
37.5°	156.3	181.2	210.2	246.0	323.0	464.7	690.8	926.7	1141.5	1328.2	1511.1
35°	163.9	192.9	227.5	281.2	375.6	609.2	854.2	1094.1	1299.5	1498.8	1698.9
32.5°	172.8	204.3	244.2	327.9	496.2	748.7	1009.4	1238.0	1453.0	1665.6	1894.2
30°	182.7	218.5	267.4	372.5	615.8	884.1	1142.5	1376.0	1599.0	1835.0	2079.9
27.5°	192.0	232.1	305.9	458.8	728.1	1010.7	1263.6	1503.9	1743.2	1994.6	2258.2
25°	200.5	245.0	341.9	553.5	836.6	1118.6	1375.0	1619.5	1877.9	2151.2	2428.6
22.5°	209.6	257.7	374.5	639.8	935.8	1214.7	1473.4	1732.6	2006.2	2295.8	2585.1
20°	219.5	284.6	428.0	719.4	1026.0	1302.0	1561.7	1837.8	2126.2	2426.1	2731.7
17.5°	228.4	308.4	491.9	795.0	1101.8	1377.9	1641.1	1933.0	2230.6	2544.0	2865.9
15°	236.5	329.1	548.3	861.8	1166.2	1442.4	1718.6	2017.5	2323.3	2649.8	2984.1
12.5°	243.6	346.5	596.7	919.5	1220.5	1497.6	1783.8	2088.8	2406.0	2742.3	3090.7
10°	249.6	360.7	637.0	967.9	1264.6	1543.1	1836.1	2148.1	2471.8	2816.7	3176.6
7.5°	253.5	372.4	668.8	1006.4	1298.7	1578.7	1875.5	2194.8	2519.9	2874.8	3241.5
5°	256.0	382.0	691.9	1035.0	1323.5	1605.6	1903.9	2228.4	2550.8	2915.6	3285.2
2.5°	257.1	388.6	705.9	1053.2	1339.1	1624.4	1927.4	2257.9	2583.2	2944.7	3319.1
0°	257.0	392.0	711.0	1061.0	1345.0	1633.0	1939.0	2273.1	2604.1	2957.1	3342.1
-2.5°	257.1	388.6	705.9	1053.2	1339.1	1624.4	1927.4	2257.9	2583.2	2944.7	3319.1
-5°	256.0	382.0	691.9	1035.0	1323.5	1605.6	1903.9	2228.4	2550.8	2915.6	3285.2
-7.5°	253.5	372.4	668.8	1006.4	1298.7	1578.7	1875.5	2194.8	2519.9	2874.8	3241.5
-10°	249.6	360.7	637.0	967.9	1264.6	1543.1	1836.1	2148.1	2471.8	2816.7	3176.6
-12.5°	243.6	346.5	596.7	919.5	1220.5	1497.6	1783.8	2088.8	2406.0	2742.3	3090.7
-15°	236.5	329.1	548.3	861.8	1166.2	1442.4	1718.6	2017.5	2323.3	2649.8	2984.1
-17.5°	228.4	308.4	491.9	795.0	1101.8	1377.9	1641.1	1933.0	2230.6	2544.0	2865.9
-20°	219.5	284.6	428.0	719.4	1026.0	1302.0	1561.7	1837.8	2126.2	2426.1	2731.7



REPORT NUMBER: P558779 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	209.6	257.7	374.5	639.8	935.8	1214.7	1473.4	1732.6	2006.2	2295.8	2585.1
-25°	200.5	245.0	341.9	553.5	836.6	1118.6	1375.0	1619.5	1877.9	2151.2	2428.6
-27.5°	192.0	232.1	305.9	458.8	728.1	1010.7	1263.6	1503.9	1743.2	1994.6	2258.2
-30°	182.7	218.5	267.4	372.5	615.8	884.1	1142.5	1376.0	1599.0	1835.0	2079.9
-32.5°	172.8	204.3	244.2	327.9	496.2	748.7	1009.4	1238.0	1453.0	1665.6	1894.2
-35°	163.9	192.9	227.5	281.2	375.6	609.2	854.2	1094.1	1299.5	1498.8	1698.9
-37.5°	156.3	181.2	210.2	246.0	323.0	464.7	690.8	926.7	1141.5	1328.2	1511.1
-40°	147.9	169.0	195.7	226.5	269.3	354.2	529.7	742.3	964.2	1155.2	1326.5
-42.5°	139.1	159.0	182.1	206.4	238.8	294.7	372.8	561.8	758.6	960.8	1136.8
-45°	131.3	148.3	168.5	191.3	216.1	247.0	307.7	379.2	561.0	737.1	920.5
-47.5°	123.4	137.7	156.0	176.0	196.8	221.4	250.6	308.6	375.5	528.5	681.0
-50°	115.3	128.9	142.7	161.2	180.3	199.0	222.0	248.6	297.6	359.0	466.6
-52.5°	107.3	119.9	131.7	146.0	163.7	181.4	197.3	216.4	240.8	273.8	327.3
-55°	98.7	110.1	120.5	132.3	146.5	163.1	177.1	190.7	205.3	227.5	246.9
-57.5°	90.9	99.6	109.0	118.9	130.5	143.6	156.2	167.6	179.9	193.1	206.5
-60°	83.8	89.8	97.4	105.8	114.5	125.0	135.3	146.0	155.7	165.1	177.0
-62.5°	76.3	80.5	85.9	92.9	100.3	106.7	114.8	123.8	133.3	140.4	148.5
-65°	66.6	70.6	74.1	79.3	86.1	91.1	96.1	101.2	108.5	115.4	119.5
-67.5°	56.8	60.7	63.1	64.8	69.5	74.8	79.0	82.8	87.0	93.1	98.2
-70°	45.7	50.8	53.6	54.9	55.4	58.2	62.3	65.4	68.8	74.8	80.4
-72.5°	34.5	39.6	43.4	45.9	45.7	45.3	46.4	48.9	53.7	59.8	65.1
-75°	25.2	28.7	32.6	35.6	35.6	33.5	30.7	30.1	35.9	44.3	51.1
-77.5°	17.3	19.9	22.6	25.3	25.9	24.6	22.4	19.5	22.9	29.8	37.6
-80°	10.6	11.1	12.8	14.6	15.5	15.5	14.7	13.1	15.5	19.4	24.1
-82.5°	6.3	6.8	7.0	7.1	7.2	7.2	7.1	7.1	8.7	10.8	13.1
-85°	2.5	2.5	2.8	3.0	3.4	3.6	3.7	3.7	4.1	4.7	5.3
-87.5°	1.3	1.3	1.2	1.1	1.2	1.3	1.4	1.4	1.3	1.2	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: P558779 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0
85°	6.1	6.0	5.8	5.5	5.1	5.2	5.4	5.5	5.7	5.3	4.9
82.5°	15.7	16.8	17.9	19.1	20.3	20.2	19.6	18.8	17.7	15.8	13.7
80°	29.4	32.1	34.0	35.5	36.6	35.5	33.8	31.8	29.6	26.3	22.7
77.5°	45.6	48.4	49.8	51.6	53.5	53.9	53.9	54.1	54.3	48.2	40.4
75°	56.7	60.3	63.3	66.0	68.3	69.5	70.3	71.0	71.7	63.6	53.0
72.5°	69.7	73.2	76.1	79.0	81.5	83.5	85.0	86.2	87.2	80.6	71.3
70°	84.8	88.4	91.7	94.7	97.6	100.2	102.6	104.8	106.8	107.2	107.7
67.5°	102.0	104.1	108.0	111.8	116.3	119.5	123.2	126.6	129.8	132.5	134.7
65°	123.2	130.8	138.4	142.2	142.5	147.2	154.7	158.9	160.1	161.0	163.4
62.5°	158.8	168.6	173.7	180.4	189.6	199.6	203.5	209.0	215.7	223.3	230.2
60°	187.1	195.4	207.8	220.4	231.6	241.8	266.4	288.3	307.1	323.2	338.8
57.5°	222.3	236.0	254.9	289.0	320.1	348.3	396.5	455.4	507.8	553.7	594.0
55°	278.3	318.1	354.0	434.5	520.5	594.9	664.6	739.1	799.7	847.1	891.0
52.5°	373.8	483.4	594.4	698.9	801.7	895.2	979.1	1045.1	1096.7	1135.4	1172.0
50°	598.4	730.4	865.8	990.4	1091.3	1183.5	1270.9	1336.4	1391.2	1438.4	1480.1
47.5°	843.2	997.8	1125.7	1240.6	1349.4	1451.7	1547.2	1627.0	1694.5	1756.8	1808.6
45°	1086.9	1225.2	1356.3	1479.6	1597.9	1712.6	1815.4	1906.1	1995.4	2069.3	2127.7
42.5°	1292.9	1439.3	1578.8	1719.9	1852.2	1980.9	2105.1	2215.4	2310.3	2391.0	2455.9
40°	1490.7	1648.5	1814.2	1970.8	2128.0	2274.8	2412.4	2538.3	2646.4	2741.9	2822.8
37.5°	1691.9	1876.3	2058.3	2236.9	2410.0	2569.7	2727.5	2872.8	2999.4	3111.2	3205.1
35°	1904.4	2107.5	2305.7	2506.8	2695.9	2880.6	3055.1	3215.0	3355.3	3487.0	3600.1
32.5°	2117.2	2337.4	2560.4	2778.0	2987.5	3194.3	3385.7	3566.0	3731.8	3877.6	3998.4
30°	2324.5	2566.8	2805.4	3042.5	3281.6	3506.9	3719.0	3916.9	4096.9	4255.6	4392.9
27.5°	2523.3	2783.8	3039.7	3310.9	3570.7	3815.8	4046.2	4259.0	4459.9	4640.4	4796.2
25°	2707.2	2983.9	3282.2	3566.7	3844.6	4116.6	4368.9	4600.2	4829.8	5028.4	5197.6
22.5°	2881.0	3189.8	3503.9	3802.2	4108.9	4407.9	4690.4	4958.4	5203.6	5411.8	5592.2
20°	3046.3	3378.6	3702.2	4032.5	4364.6	4687.2	4998.3	5284.7	5543.8	5770.6	5974.1
17.5°	3202.4	3546.3	3890.2	4242.9	4601.5	4940.7	5270.3	5581.8	5864.7	6116.4	6345.8
15°	3337.5	3692.8	4061.0	4435.9	4811.0	5171.6	5521.4	5860.8	6179.1	6453.0	6684.4
12.5°	3452.2	3822.3	4211.9	4605.2	5000.6	5378.6	5749.4	6112.6	6450.9	6745.4	6982.9
10°	3547.4	3935.2	4342.1	4751.7	5157.3	5550.1	5935.7	6311.5	6674.9	6980.1	7224.1
7.5°	3626.7	4029.4	4445.7	4867.7	5276.9	5684.8	6087.0	6466.6	6824.6	7146.5	7397.2
5°	3686.0	4095.4	4520.5	4953.0	5368.5	5791.0	6205.1	6593.6	6948.0	7239.7	7444.3
2.5°	3730.1	4136.5	4569.0	5004.4	5425.4	5863.1	6286.1	6675.0	7037.7	7313.8	7491.0
0°	3760.1	4159.1	4613.1	5040.1	5468.1	5917.1	6335.2	6728.2	7092.2	7362.2	7545.2
-2.5°	3730.1	4136.5	4569.0	5004.4	5425.4	5863.1	6286.1	6675.0	7037.7	7313.8	7491.0
-5°	3686.0	4095.4	4520.5	4953.0	5368.5	5791.0	6205.1	6593.6	6948.0	7239.7	7444.3
-7.5°	3626.7	4029.4	4445.7	4867.7	5276.9	5684.8	6087.0	6466.6	6824.6	7146.5	7397.2
-10°	3547.4	3935.2	4342.1	4751.7	5157.3	5550.1	5935.7	6311.5	6674.9	6980.1	7224.1
-12.5°	3452.2	3822.3	4211.9	4605.2	5000.6	5378.6	5749.4	6112.6	6450.9	6745.4	6982.9
-15°	3337.5	3692.8	4061.0	4435.9	4811.0	5171.6	5521.4	5860.8	6179.1	6453.0	6684.4
-17.5°	3202.4	3546.3	3890.2	4242.9	4601.5	4940.7	5270.3	5581.8	5864.7	6116.4	6345.8
-20°	3046.3	3378.6	3702.2	4032.5	4364.6	4687.2	4998.3	5284.7	5543.8	5770.6	5974.1



REPORT NUMBER: P558779 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	2881.0	3189.8	3503.9	3802.2	4108.9	4407.9	4690.4	4958.4	5203.6	5411.8	5592.2
-25°	2707.2	2983.9	3282.2	3566.7	3844.6	4116.6	4368.9	4600.2	4829.8	5028.4	5197.6
-27.5°	2523.3	2783.8	3039.7	3310.9	3570.7	3815.8	4046.2	4259.0	4459.9	4640.4	4796.2
-30°	2324.5	2566.8	2805.4	3042.5	3281.6	3506.9	3719.0	3916.9	4096.9	4255.6	4392.9
-32.5°	2117.2	2337.4	2560.4	2778.0	2987.5	3194.3	3385.7	3566.0	3731.8	3877.6	3998.4
-35°	1904.4	2107.5	2305.7	2506.8	2695.9	2880.6	3055.1	3215.0	3355.3	3487.0	3600.1
-37.5°	1691.9	1876.3	2058.3	2236.9	2410.0	2569.7	2727.5	2872.8	2999.4	3111.2	3205.1
-40°	1490.7	1648.5	1814.2	1970.8	2128.0	2274.8	2412.4	2538.3	2646.4	2741.9	2822.8
-42.5°	1292.9	1439.3	1578.8	1719.9	1852.2	1980.9	2105.1	2215.4	2310.3	2391.0	2455.9
-45°	1086.9	1225.2	1356.3	1479.6	1597.9	1712.6	1815.4	1906.1	1995.4	2069.3	2127.7
-47.5°	843.2	997.8	1125.7	1240.6	1349.4	1451.7	1547.2	1627.0	1694.5	1756.8	1808.6
-50°	598.4	730.4	865.8	990.4	1091.3	1183.5	1270.9	1336.4	1391.2	1438.4	1480.1
-52.5°	373.8	483.4	594.4	698.9	801.7	895.2	979.1	1045.1	1096.7	1135.4	1172.0
-55°	278.3	318.1	354.0	434.5	520.5	594.9	664.6	739.1	799.7	847.1	891.0
-57.5°	222.3	236.0	254.9	289.0	320.1	348.3	396.5	455.4	507.8	553.7	594.0
-60°	187.1	195.4	207.8	220.4	231.6	241.8	266.4	288.3	307.1	323.2	338.8
-62.5°	158.8	168.6	173.7	180.4	189.6	199.6	203.5	209.0	215.7	223.3	230.2
-65°	123.2	130.8	138.4	142.2	142.5	147.2	154.7	158.9	160.1	161.0	163.4
-67.5°	102.0	104.1	108.0	111.8	116.3	119.5	123.2	126.6	129.8	132.5	134.7
-70°	84.8	88.4	91.7	94.7	97.6	100.2	102.6	104.8	106.8	107.2	107.7
-72.5°	69.7	73.2	76.1	79.0	81.5	83.5	85.0	86.2	87.2	80.6	71.3
-75°	56.7	60.3	63.3	66.0	68.3	69.5	70.3	71.0	71.7	63.6	53.0
-77.5°	45.6	48.4	49.8	51.6	53.5	53.9	53.9	54.1	54.3	48.2	40.4
-80°	29.4	32.1	34.0	35.5	36.6	35.5	33.8	31.8	29.6	26.3	22.7
-82.5°	15.7	16.8	17.9	19.1	20.3	20.2	19.6	18.8	17.7	15.8	13.7
-85°	6.1	6.0	5.8	5.5	5.1	5.2	5.4	5.5	5.7	5.3	4.9
-87.5°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	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: P558779 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
85°	4.4	4.0	4.0	4.0	4.0	4.0	4.4	4.9	5.3	5.7	5.5
82.5°	11.4	9.0	9.5	10.0	9.5	9.0	11.4	13.7	15.8	17.7	18.8
80°	18.9	15.0	15.5	16.0	15.5	15.0	18.9	22.7	26.3	29.6	31.8
77.5°	32.1	23.3	22.5	22.0	22.5	23.3	32.1	40.4	48.2	54.3	54.1
75°	41.9	30.6	30.0	30.0	30.0	30.6	41.9	53.0	63.6	71.7	71.0
72.5°	61.9	52.3	45.7	39.0	45.7	52.3	61.9	71.3	80.6	87.2	86.2
70°	108.8	110.2	109.6	108.0	109.6	110.2	108.8	107.7	107.2	106.8	104.8
67.5°	136.5	138.0	138.3	138.0	138.3	138.0	136.5	134.7	132.5	129.8	126.6
65°	165.0	166.0	166.7	167.0	166.7	166.0	165.0	163.4	161.0	160.1	158.9
62.5°	235.4	238.8	242.4	245.0	242.4	238.8	235.4	230.2	223.3	215.7	209.0
60°	352.3	363.6	368.6	369.0	368.6	363.6	352.3	338.8	323.2	307.1	288.3
57.5°	626.3	650.4	671.9	688.0	671.9	650.4	626.3	594.0	553.7	507.8	455.4
55°	926.0	951.6	966.1	970.0	966.1	951.6	926.0	891.0	847.1	799.7	739.1
52.5°	1199.8	1216.9	1233.1	1247.0	1233.1	1216.9	1199.8	1172.0	1135.4	1096.7	1045.1
50°	1511.7	1530.7	1546.7	1559.0	1546.7	1530.7	1511.7	1480.1	1438.4	1391.2	1336.4
47.5°	1845.0	1868.3	1885.5	1897.0	1885.5	1868.3	1845.0	1808.6	1756.8	1694.5	1627.0
45°	2177.7	2217.6	2241.8	2246.1	2241.8	2217.6	2177.7	2127.7	2069.3	1995.4	1906.1
42.5°	2512.1	2550.3	2576.1	2595.1	2576.1	2550.3	2512.1	2455.9	2391.0	2310.3	2215.4
40°	2890.1	2938.1	2960.1	2946.1	2960.1	2938.1	2890.1	2822.8	2741.9	2646.4	2538.3
37.5°	3277.5	3326.8	3352.3	3351.1	3352.3	3326.8	3277.5	3205.1	3111.2	2999.4	2872.8
35°	3688.1	3749.3	3782.4	3774.1	3782.4	3749.3	3688.1	3600.1	3487.0	3355.3	3215.0
32.5°	4095.0	4168.9	4216.7	4224.1	4216.7	4168.9	4095.0	3998.4	3877.6	3731.8	3566.0
30°	4503.0	4583.0	4630.5	4635.1	4630.5	4583.0	4503.0	4392.9	4255.6	4096.9	3916.9
27.5°	4927.1	5016.5	5066.2	5078.1	5066.2	5016.5	4927.1	4796.2	4640.4	4459.9	4259.0
25°	5341.9	5441.2	5498.2	5520.1	5498.2	5441.2	5341.9	5197.6	5028.4	4829.8	4600.2
22.5°	5741.9	5850.8	5925.2	5944.1	5925.2	5850.8	5741.9	5592.2	5411.8	5203.6	4958.4
20°	6143.2	6271.7	6366.8	6376.2	6366.8	6271.7	6143.2	5974.1	5770.6	5543.8	5284.7
17.5°	6529.6	6668.6	6770.3	6795.2	6770.3	6668.6	6529.6	6345.8	6116.4	5864.7	5581.8
15°	6875.4	7021.3	7119.6	7141.2	7119.6	7021.3	6875.4	6684.4	6453.0	6179.1	5860.8
12.5°	7173.9	7308.4	7400.1	7435.2	7400.1	7308.4	7173.9	6982.9	6745.4	6450.9	6112.6
10°	7414.3	7518.2	7600.2	7637.2	7600.2	7518.2	7414.3	7224.1	6980.1	6674.9	6311.5
7.5°	7548.5	7634.0	7690.8	7711.2	7690.8	7634.0	7548.5	7397.2	7146.5	6824.6	6466.6
5°	7601.6	7683.5	7714.2	7732.2	7714.2	7683.5	7601.6	7444.3	7239.7	6948.0	6593.6
2.5°	7608.8	7674.4	7737.6	7779.2	7737.6	7674.4	7608.8	7491.0	7313.8	7037.7	6675.0
0°	7651.2	7715.2	7750.2	7770.2	7750.2	7715.2	7651.2	7545.2	7362.2	7092.2	6728.2
-2.5°	7608.8	7674.4	7737.6	7779.2	7737.6	7674.4	7608.8	7491.0	7313.8	7037.7	6675.0
-5°	7601.6	7683.5	7714.2	7732.2	7714.2	7683.5	7601.6	7444.3	7239.7	6948.0	6593.6
-7.5°	7548.5	7634.0	7690.8	7711.2	7690.8	7634.0	7548.5	7397.2	7146.5	6824.6	6466.6
-10°	7414.3	7518.2	7600.2	7637.2	7600.2	7518.2	7414.3	7224.1	6980.1	6674.9	6311.5
-12.5°	7173.9	7308.4	7400.1	7435.2	7400.1	7308.4	7173.9	6982.9	6745.4	6450.9	6112.6
-15°	6875.4	7021.3	7119.6	7141.2	7119.6	7021.3	6875.4	6684.4	6453.0	6179.1	5860.8
-17.5°	6529.6	6668.6	6770.3	6795.2	6770.3	6668.6	6529.6	6345.8	6116.4	5864.7	5581.8
-20°	6143.2	6271.7	6366.8	6376.2	6366.8	6271.7	6143.2	5974.1	5770.6	5543.8	5284.7



REPORT NUMBER: P558779 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	5741.9	5850.8	5925.2	5944.1	5925.2	5850.8	5741.9	5592.2	5411.8	5203.6	4958.4
-25°	5341.9	5441.2	5498.2	5520.1	5498.2	5441.2	5341.9	5197.6	5028.4	4829.8	4600.2
-27.5°	4927.1	5016.5	5066.2	5078.1	5066.2	5016.5	4927.1	4796.2	4640.4	4459.9	4259.0
-30°	4503.0	4583.0	4630.5	4635.1	4630.5	4583.0	4503.0	4392.9	4255.6	4096.9	3916.9
-32.5°	4095.0	4168.9	4216.7	4224.1	4216.7	4168.9	4095.0	3998.4	3877.6	3731.8	3566.0
-35°	3688.1	3749.3	3782.4	3774.1	3782.4	3749.3	3688.1	3600.1	3487.0	3355.3	3215.0
-37.5°	3277.5	3326.8	3352.3	3351.1	3352.3	3326.8	3277.5	3205.1	3111.2	2999.4	2872.8
-40°	2890.1	2938.1	2960.1	2946.1	2960.1	2938.1	2890.1	2822.8	2741.9	2646.4	2538.3
-42.5°	2512.1	2550.3	2576.1	2595.1	2576.1	2550.3	2512.1	2455.9	2391.0	2310.3	2215.4
-45°	2177.7	2217.6	2241.8	2246.1	2241.8	2217.6	2177.7	2127.7	2069.3	1995.4	1906.1
-47.5°	1845.0	1868.3	1885.5	1897.0	1885.5	1868.3	1845.0	1808.6	1756.8	1694.5	1627.0
-50°	1511.7	1530.7	1546.7	1559.0	1546.7	1530.7	1511.7	1480.1	1438.4	1391.2	1336.4
-52.5°	1199.8	1216.9	1233.1	1247.0	1233.1	1216.9	1199.8	1172.0	1135.4	1096.7	1045.1
-55°	926.0	951.6	966.1	970.0	966.1	951.6	926.0	891.0	847.1	799.7	739.1
-57.5°	626.3	650.4	671.9	688.0	671.9	650.4	626.3	594.0	553.7	507.8	455.4
-60°	352.3	363.6	368.6	369.0	368.6	363.6	352.3	338.8	323.2	307.1	288.3
-62.5°	235.4	238.8	242.4	245.0	242.4	238.8	235.4	230.2	223.3	215.7	209.0
-65°	165.0	166.0	166.7	167.0	166.7	166.0	165.0	163.4	161.0	160.1	158.9
-67.5°	136.5	138.0	138.3	138.0	138.3	138.0	136.5	134.7	132.5	129.8	126.6
-70°	108.8	110.2	109.6	108.0	109.6	110.2	108.8	107.7	107.2	106.8	104.8
-72.5°	61.9	52.3	45.7	39.0	45.7	52.3	61.9	71.3	80.6	87.2	86.2
-75°	41.9	30.6	30.0	30.0	30.0	30.6	41.9	53.0	63.6	71.7	71.0
-77.5°	32.1	23.3	22.5	22.0	22.5	23.3	32.1	40.4	48.2	54.3	54.1
-80°	18.9	15.0	15.5	16.0	15.5	15.0	18.9	22.7	26.3	29.6	31.8
-82.5°	11.4	9.0	9.5	10.0	9.5	9.0	11.4	13.7	15.8	17.7	18.8
-85°	4.4	4.0	4.0	4.0	4.0	4.0	4.4	4.9	5.3	5.7	5.5
-87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	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: P558779 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	1.0	1.2	1.3	1.4
85°	5.4	5.2	5.1	5.5	5.8	6.0	6.1	5.3	4.7	4.1	3.7
82.5°	19.6	20.2	20.3	19.1	17.9	16.8	15.7	13.1	10.8	8.7	7.1
80°	33.8	35.5	36.6	35.5	34.0	32.1	29.4	24.1	19.4	15.5	13.1
77.5°	53.9	53.9	53.5	51.6	49.8	48.4	45.6	37.6	29.8	22.9	19.5
75°	70.3	69.5	68.3	66.0	63.3	60.3	56.7	51.1	44.3	35.9	30.1
72.5°	85.0	83.5	81.5	79.0	76.1	73.2	69.7	65.1	59.8	53.7	48.9
70°	102.6	100.2	97.6	94.7	91.7	88.4	84.8	80.4	74.8	68.8	65.4
67.5°	123.2	119.5	116.3	111.8	108.0	104.1	102.0	98.2	93.1	87.0	82.8
65°	154.7	147.2	142.5	142.2	138.4	130.8	123.2	119.5	115.4	108.5	101.2
62.5°	203.5	199.6	189.6	180.4	173.7	168.6	158.8	148.5	140.4	133.3	123.8
60°	266.4	241.8	231.6	220.4	207.8	195.4	187.1	177.0	165.1	155.7	146.0
57.5°	396.5	348.3	320.1	289.0	254.9	236.0	222.3	206.5	193.1	179.9	167.6
55°	664.6	594.9	520.5	434.5	354.0	318.1	278.3	246.9	227.5	205.3	190.7
52.5°	979.1	895.2	801.7	698.9	594.4	483.4	373.8	327.3	273.8	240.8	216.4
50°	1270.9	1183.5	1091.3	990.4	865.8	730.4	598.4	466.6	359.0	297.6	248.6
47.5°	1547.2	1451.7	1349.4	1240.6	1125.7	997.8	843.2	681.0	528.5	375.5	308.6
45°	1815.4	1712.6	1597.9	1479.6	1356.3	1225.2	1086.9	920.5	737.1	561.0	379.2
42.5°	2105.1	1980.9	1852.2	1719.9	1578.8	1439.3	1292.9	1136.8	960.8	758.6	561.8
40°	2412.4	2274.8	2128.0	1970.8	1814.2	1648.5	1490.7	1326.5	1155.2	964.2	742.3
37.5°	2727.5	2569.7	2410.0	2236.9	2058.3	1876.3	1691.9	1511.1	1328.2	1141.5	926.7
35°	3055.1	2880.6	2695.9	2506.8	2305.7	2107.5	1904.4	1698.9	1498.8	1299.5	1094.1
32.5°	3385.7	3194.3	2987.5	2778.0	2560.4	2337.4	2117.2	1894.2	1665.6	1453.0	1238.0
30°	3719.0	3506.9	3281.6	3042.5	2805.4	2566.8	2324.5	2079.9	1835.0	1599.0	1376.0
27.5°	4046.2	3815.8	3570.7	3310.9	3039.7	2783.8	2523.3	2258.2	1994.6	1743.2	1503.9
25°	4368.9	4116.6	3844.6	3566.7	3282.2	2983.9	2707.2	2428.6	2151.2	1877.9	1619.5
22.5°	4690.4	4407.9	4108.9	3802.2	3503.9	3189.8	2881.0	2585.1	2295.8	2006.2	1732.6
20°	4998.3	4687.2	4364.6	4032.5	3702.2	3378.6	3046.3	2731.7	2426.1	2126.2	1837.8
17.5°	5270.3	4940.7	4601.5	4242.9	3890.2	3546.3	3202.4	2865.9	2544.0	2230.6	1933.0
15°	5521.4	5171.6	4811.0	4435.9	4061.0	3692.8	3337.5	2984.1	2649.8	2323.3	2017.5
12.5°	5749.4	5378.6	5000.6	4605.2	4211.9	3822.3	3452.2	3090.7	2742.3	2406.0	2088.8
10°	5935.7	5550.1	5157.3	4751.7	4342.1	3935.2	3547.4	3176.6	2816.7	2471.8	2148.1
7.5°	6087.0	5684.8	5276.9	4867.7	4445.7	4029.4	3626.7	3241.5	2874.8	2519.9	2194.8
5°	6205.1	5791.0	5368.5	4953.0	4520.5	4095.4	3686.0	3285.2	2915.6	2550.8	2228.4
2.5°	6286.1	5863.1	5425.4	5004.4	4569.0	4136.5	3730.1	3319.1	2944.7	2583.2	2257.9
0°	6335.2	5917.1	5468.1	5040.1	4613.1	4159.1	3760.1	3342.1	2957.1	2604.1	2273.1
-2.5°	6286.1	5863.1	5425.4	5004.4	4569.0	4136.5	3730.1	3319.1	2944.7	2583.2	2257.9
-5°	6205.1	5791.0	5368.5	4953.0	4520.5	4095.4	3686.0	3285.2	2915.6	2550.8	2228.4
-7.5°	6087.0	5684.8	5276.9	4867.7	4445.7	4029.4	3626.7	3241.5	2874.8	2519.9	2194.8
-10°	5935.7	5550.1	5157.3	4751.7	4342.1	3935.2	3547.4	3176.6	2816.7	2471.8	2148.1
-12.5°	5749.4	5378.6	5000.6	4605.2	4211.9	3822.3	3452.2	3090.7	2742.3	2406.0	2088.8
-15°	5521.4	5171.6	4811.0	4435.9	4061.0	3692.8	3337.5	2984.1	2649.8	2323.3	2017.5
-17.5°	5270.3	4940.7	4601.5	4242.9	3890.2	3546.3	3202.4	2865.9	2544.0	2230.6	1933.0
-20°	4998.3	4687.2	4364.6	4032.5	3702.2	3378.6	3046.3	2731.7	2426.1	2126.2	1837.8



REPORT NUMBER: P558779 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	4690.4	4407.9	4108.9	3802.2	3503.9	3189.8	2881.0	2585.1	2295.8	2006.2	1732.6
-25°	4368.9	4116.6	3844.6	3566.7	3282.2	2983.9	2707.2	2428.6	2151.2	1877.9	1619.5
-27.5°	4046.2	3815.8	3570.7	3310.9	3039.7	2783.8	2523.3	2258.2	1994.6	1743.2	1503.9
-30°	3719.0	3506.9	3281.6	3042.5	2805.4	2566.8	2324.5	2079.9	1835.0	1599.0	1376.0
-32.5°	3385.7	3194.3	2987.5	2778.0	2560.4	2337.4	2117.2	1894.2	1665.6	1453.0	1238.0
-35°	3055.1	2880.6	2695.9	2506.8	2305.7	2107.5	1904.4	1698.9	1498.8	1299.5	1094.1
-37.5°	2727.5	2569.7	2410.0	2236.9	2058.3	1876.3	1691.9	1511.1	1328.2	1141.5	926.7
-40°	2412.4	2274.8	2128.0	1970.8	1814.2	1648.5	1490.7	1326.5	1155.2	964.2	742.3
-42.5°	2105.1	1980.9	1852.2	1719.9	1578.8	1439.3	1292.9	1136.8	960.8	758.6	561.8
-45°	1815.4	1712.6	1597.9	1479.6	1356.3	1225.2	1086.9	920.5	737.1	561.0	379.2
-47.5°	1547.2	1451.7	1349.4	1240.6	1125.7	997.8	843.2	681.0	528.5	375.5	308.6
-50°	1270.9	1183.5	1091.3	990.4	865.8	730.4	598.4	466.6	359.0	297.6	248.6
-52.5°	979.1	895.2	801.7	698.9	594.4	483.4	373.8	327.3	273.8	240.8	216.4
-55°	664.6	594.9	520.5	434.5	354.0	318.1	278.3	246.9	227.5	205.3	190.7
-57.5°	396.5	348.3	320.1	289.0	254.9	236.0	222.3	206.5	193.1	179.9	167.6
-60°	266.4	241.8	231.6	220.4	207.8	195.4	187.1	177.0	165.1	155.7	146.0
-62.5°	203.5	199.6	189.6	180.4	173.7	168.6	158.8	148.5	140.4	133.3	123.8
-65°	154.7	147.2	142.5	142.2	138.4	130.8	123.2	119.5	115.4	108.5	101.2
-67.5°	123.2	119.5	116.3	111.8	108.0	104.1	102.0	98.2	93.1	87.0	82.8
-70°	102.6	100.2	97.6	94.7	91.7	88.4	84.8	80.4	74.8	68.8	65.4
-72.5°	85.0	83.5	81.5	79.0	76.1	73.2	69.7	65.1	59.8	53.7	48.9
-75°	70.3	69.5	68.3	66.0	63.3	60.3	56.7	51.1	44.3	35.9	30.1
-77.5°	53.9	53.9	53.5	51.6	49.8	48.4	45.6	37.6	29.8	22.9	19.5
-80°	33.8	35.5	36.6	35.5	34.0	32.1	29.4	24.1	19.4	15.5	13.1
-82.5°	19.6	20.2	20.3	19.1	17.9	16.8	15.7	13.1	10.8	8.7	7.1
-85°	5.4	5.2	5.1	5.5	5.8	6.0	6.1	5.3	4.7	4.1	3.7
-87.5°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	1.0	1.2	1.3	1.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558779 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	1.4	1.3	1.2	1.1	1.2	1.3	1.3	1.3	1.1	1.0	0.9
85°	3.7	3.6	3.4	3.0	2.8	2.5	2.5	2.5	2.3	2.0	1.8
82.5°	7.1	7.2	7.2	7.1	7.0	6.8	6.3	5.6	4.4	3.2	2.7
80°	14.7	15.5	15.5	14.6	12.8	11.1	10.6	9.8	8.1	6.4	4.8
77.5°	22.4	24.6	25.9	25.3	22.6	19.9	17.3	14.6	11.7	9.6	7.5
75°	30.7	33.5	35.6	35.6	32.6	28.7	25.2	21.6	17.3	13.0	10.2
72.5°	46.4	45.3	45.7	45.9	43.4	39.6	34.5	28.5	23.6	18.6	13.5
70°	62.3	58.2	55.4	54.9	53.6	50.8	45.7	38.0	29.8	24.1	18.3
67.5°	79.0	74.8	69.5	64.8	63.1	60.7	56.8	47.8	38.1	29.5	23.1
65°	96.1	91.1	86.1	79.3	74.1	70.6	66.6	57.0	46.1	36.2	27.7
62.5°	114.8	106.7	100.3	92.9	85.9	80.5	76.3	65.9	53.9	42.6	32.8
60°	135.3	125.0	114.5	105.8	97.4	89.8	83.8	74.8	62.4	48.7	37.8
57.5°	156.2	143.6	130.5	118.9	109.0	99.6	90.9	82.2	70.8	56.1	42.4
55°	177.1	163.1	146.5	132.3	120.5	110.1	98.7	89.0	78.8	63.9	45.9
52.5°	197.3	181.4	163.7	146.0	131.7	119.9	107.3	95.7	85.0	71.7	51.1
50°	222.0	199.0	180.3	161.2	142.7	128.9	115.3	102.8	91.2	78.7	56.0
47.5°	250.6	221.4	196.8	176.0	156.0	137.7	123.4	109.5	97.3	84.2	60.2
45°	307.7	247.0	216.1	191.3	168.5	148.3	131.3	115.8	102.8	86.6	63.8
42.5°	372.8	294.7	238.8	206.4	182.1	159.0	139.1	122.7	108.0	88.2	65.8
40°	529.7	354.2	269.3	226.5	195.7	169.0	147.9	129.5	112.3	89.1	66.5
37.5°	690.8	464.7	323.0	246.0	210.2	181.2	156.3	136.1	114.2	90.0	66.7
35°	854.2	609.2	375.6	281.2	227.5	192.9	163.9	142.6	118.4	91.0	66.4
32.5°	1009.4	748.7	496.2	327.9	244.2	204.3	172.8	149.2	123.7	91.9	65.5
30°	1142.5	884.1	615.8	372.5	267.4	218.5	182.7	155.4	130.1	92.8	64.5
27.5°	1263.6	1010.7	728.1	458.8	305.9	232.1	192.0	161.2	137.3	95.1	64.7
25°	1375.0	1118.6	836.6	553.5	341.9	245.0	200.5	166.7	143.1	100.0	64.8
22.5°	1473.4	1214.7	935.8	639.8	374.5	257.7	209.6	173.7	147.5	105.2	64.6
20°	1561.7	1302.0	1026.0	719.4	428.0	284.6	219.5	180.0	151.5	110.5	64.3
17.5°	1641.1	1377.9	1101.8	795.0	491.9	308.4	228.4	185.4	155.1	115.9	63.7
15°	1718.6	1442.4	1166.2	861.8	548.3	329.1	236.5	190.1	158.2	121.2	63.3
12.5°	1783.8	1497.6	1220.5	919.5	596.7	346.5	243.6	194.0	160.9	125.8	62.9
10°	1836.1	1543.1	1264.6	967.9	637.0	360.7	249.6	196.9	163.0	129.7	61.7
7.5°	1875.5	1578.7	1298.7	1006.4	668.8	372.4	253.5	198.6	164.7	132.8	59.7
5°	1903.9	1605.6	1323.5	1035.0	691.9	382.0	256.0	199.5	165.9	135.0	57.2
2.5°	1927.4	1624.4	1339.1	1053.2	705.9	388.6	257.1	199.6	166.7	136.1	54.2
0°	1939.0	1633.0	1345.0	1061.0	711.0	392.0	257.0	199.0	167.0	136.0	51.0
-2.5°	1927.4	1624.4	1339.1	1053.2	705.9	388.6	257.1	199.6	166.7	136.1	54.2
-5°	1903.9	1605.6	1323.5	1035.0	691.9	382.0	256.0	199.5	165.9	135.0	57.2
-7.5°	1875.5	1578.7	1298.7	1006.4	668.8	372.4	253.5	198.6	164.7	132.8	59.7
-10°	1836.1	1543.1	1264.6	967.9	637.0	360.7	249.6	196.9	163.0	129.7	61.7
-12.5°	1783.8	1497.6	1220.5	919.5	596.7	346.5	243.6	194.0	160.9	125.8	62.9
-15°	1718.6	1442.4	1166.2	861.8	548.3	329.1	236.5	190.1	158.2	121.2	63.3
-17.5°	1641.1	1377.9	1101.8	795.0	491.9	308.4	228.4	185.4	155.1	115.9	63.7
-20°	1561.7	1302.0	1026.0	719.4	428.0	284.6	219.5	180.0	151.5	110.5	64.3



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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°	1473.4	1214.7	935.8	639.8	374.5	257.7	209.6	173.7	147.5	105.2	64.6
-25°	1375.0	1118.6	836.6	553.5	341.9	245.0	200.5	166.7	143.1	100.0	64.8
-27.5°	1263.6	1010.7	728.1	458.8	305.9	232.1	192.0	161.2	137.3	95.1	64.7
-30°	1142.5	884.1	615.8	372.5	267.4	218.5	182.7	155.4	130.1	92.8	64.5
-32.5°	1009.4	748.7	496.2	327.9	244.2	204.3	172.8	149.2	123.7	91.9	65.5
-35°	854.2	609.2	375.6	281.2	227.5	192.9	163.9	142.6	118.4	91.0	66.4
-37.5°	690.8	464.7	323.0	246.0	210.2	181.2	156.3	136.1	114.2	90.0	66.7
-40°	529.7	354.2	269.3	226.5	195.7	169.0	147.9	129.5	112.3	89.1	66.5
-42.5°	372.8	294.7	238.8	206.4	182.1	159.0	139.1	122.7	108.0	88.2	65.8
-45°	307.7	247.0	216.1	191.3	168.5	148.3	131.3	115.8	102.8	86.6	63.8
-47.5°	250.6	221.4	196.8	176.0	156.0	137.7	123.4	109.5	97.3	84.2	60.2
-50°	222.0	199.0	180.3	161.2	142.7	128.9	115.3	102.8	91.2	78.7	56.0
-52.5°	197.3	181.4	163.7	146.0	131.7	119.9	107.3	95.7	85.0	71.7	51.1
-55°	177.1	163.1	146.5	132.3	120.5	110.1	98.7	89.0	78.8	63.9	45.9
-57.5°	156.2	143.6	130.5	118.9	109.0	99.6	90.9	82.2	70.8	56.1	42.4
-60°	135.3	125.0	114.5	105.8	97.4	89.8	83.8	74.8	62.4	48.7	37.8
-62.5°	114.8	106.7	100.3	92.9	85.9	80.5	76.3	65.9	53.9	42.6	32.8
-65°	96.1	91.1	86.1	79.3	74.1	70.6	66.6	57.0	46.1	36.2	27.7
-67.5°	79.0	74.8	69.5	64.8	63.1	60.7	56.8	47.8	38.1	29.5	23.1
-70°	62.3	58.2	55.4	54.9	53.6	50.8	45.7	38.0	29.8	24.1	18.3
-72.5°	46.4	45.3	45.7	45.9	43.4	39.6	34.5	28.5	23.6	18.6	13.5
-75°	30.7	33.5	35.6	35.6	32.6	28.7	25.2	21.6	17.3	13.0	10.2
-77.5°	22.4	24.6	25.9	25.3	22.6	19.9	17.3	14.6	11.7	9.6	7.5
-80°	14.7	15.5	15.5	14.6	12.8	11.1	10.6	9.8	8.1	6.4	4.8
-82.5°	7.1	7.2	7.2	7.1	7.0	6.8	6.3	5.6	4.4	3.2	2.7
-85°	3.7	3.6	3.4	3.0	2.8	2.5	2.5	2.5	2.3	2.0	1.8
-87.5°	1.4	1.3	1.2	1.1	1.2	1.3	1.3	1.3	1.1	1.0	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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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°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
85°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
82.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
80°	3.3	2.6	2.1	1.6	1.0	0.5	0.0
77.5°	5.5	3.6	2.6	1.9	1.3	0.6	0.0
75°	7.7	5.1	3.2	2.3	1.6	0.8	0.0
72.5°	9.8	6.7	4.2	2.7	1.8	0.9	0.0
70°	12.1	8.2	5.2	3.1	2.0	1.0	0.0
67.5°	15.7	9.6	6.2	3.7	2.3	1.1	0.0
65°	19.2	11.4	7.1	4.3	2.5	1.3	0.0
62.5°	22.4	13.7	8.0	4.8	2.8	1.4	0.0
60°	25.3	15.8	8.8	5.4	3.0	1.5	0.0
57.5°	28.3	17.7	10.0	5.8	3.3	1.6	0.0
55°	30.9	19.3	11.1	6.3	3.6	1.7	0.0
52.5°	33.2	20.8	12.1	6.7	3.9	1.8	0.0
50°	35.0	22.2	13.0	7.1	4.1	1.9	0.0
47.5°	36.8	23.3	13.7	7.4	4.4	2.0	0.0
45°	39.8	24.1	14.2	7.8	4.7	2.1	0.0
42.5°	42.3	24.7	14.6	8.1	4.9	2.2	0.0
40°	44.2	24.9	14.9	8.5	5.1	2.3	0.0
37.5°	45.7	24.9	15.0	8.9	5.3	2.4	0.0
35°	46.7	25.5	15.0	9.3	5.6	2.5	0.0
32.5°	46.9	26.2	14.8	9.6	5.7	2.5	0.0
30°	46.0	26.5	14.4	10.0	5.9	2.6	0.0
27.5°	44.8	26.5	14.8	10.3	6.1	2.7	0.0
25°	43.2	26.2	15.2	10.6	6.2	2.7	0.0
22.5°	41.2	26.2	15.6	10.9	6.4	2.8	0.0
20°	38.9	27.5	16.0	11.1	6.5	2.8	0.0
17.5°	38.5	28.5	16.4	11.3	6.6	2.9	0.0
15°	39.3	29.5	16.7	11.5	6.7	2.9	0.0
12.5°	40.0	30.2	17.0	11.6	6.8	2.9	0.0
10°	40.6	30.9	17.3	11.8	6.9	3.0	0.0
7.5°	41.1	31.4	17.5	11.9	6.9	3.0	0.0
5°	41.5	31.7	17.7	11.9	7.0	3.0	0.0
2.5°	41.8	31.9	17.9	12.0	7.0	3.0	0.0
0°	42.0	32.0	18.0	12.0	7.0	3.0	0.0
-2.5°	41.8	31.9	17.9	12.0	7.0	3.0	0.0
-5°	41.5	31.7	17.7	11.9	7.0	3.0	0.0
-7.5°	41.1	31.4	17.5	11.9	6.9	3.0	0.0
-10°	40.6	30.9	17.3	11.8	6.9	3.0	0.0
-12.5°	40.0	30.2	17.0	11.6	6.8	2.9	0.0
-15°	39.3	29.5	16.7	11.5	6.7	2.9	0.0
-17.5°	38.5	28.5	16.4	11.3	6.6	2.9	0.0
-20°	38.9	27.5	16.0	11.1	6.5	2.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	41.2	26.2	15.6	10.9	6.4	2.8	0.0
-25°	43.2	26.2	15.2	10.6	6.2	2.7	0.0
-27.5°	44.8	26.5	14.8	10.3	6.1	2.7	0.0
-30°	46.0	26.5	14.4	10.0	5.9	2.6	0.0
-32.5°	46.9	26.2	14.8	9.6	5.7	2.5	0.0
-35°	46.7	25.5	15.0	9.3	5.6	2.5	0.0
-37.5°	45.7	24.9	15.0	8.9	5.3	2.4	0.0
-40°	44.2	24.9	14.9	8.5	5.1	2.3	0.0
-42.5°	42.3	24.7	14.6	8.1	4.9	2.2	0.0
-45°	39.8	24.1	14.2	7.8	4.7	2.1	0.0
-47.5°	36.8	23.3	13.7	7.4	4.4	2.0	0.0
-50°	35.0	22.2	13.0	7.1	4.1	1.9	0.0
-52.5°	33.2	20.8	12.1	6.7	3.9	1.8	0.0
-55°	30.9	19.3	11.1	6.3	3.6	1.7	0.0
-57.5°	28.3	17.7	10.0	5.8	3.3	1.6	0.0
-60°	25.3	15.8	8.8	5.4	3.0	1.5	0.0
-62.5°	22.4	13.7	8.0	4.8	2.8	1.4	0.0
-65°	19.2	11.4	7.1	4.3	2.5	1.3	0.0
-67.5°	15.7	9.6	6.2	3.7	2.3	1.1	0.0
-70°	12.1	8.2	5.2	3.1	2.0	1.0	0.0
-72.5°	9.8	6.7	4.2	2.7	1.8	0.9	0.0
-75°	7.7	5.1	3.2	2.3	1.6	0.8	0.0
-77.5°	5.5	3.6	2.6	1.9	1.3	0.6	0.0
-80°	3.3	2.6	2.1	1.6	1.0	0.5	0.0
-82.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
-85°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
-87.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)