

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: P559067 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-940-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559067 (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-SA5C-940-U-WR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (80) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

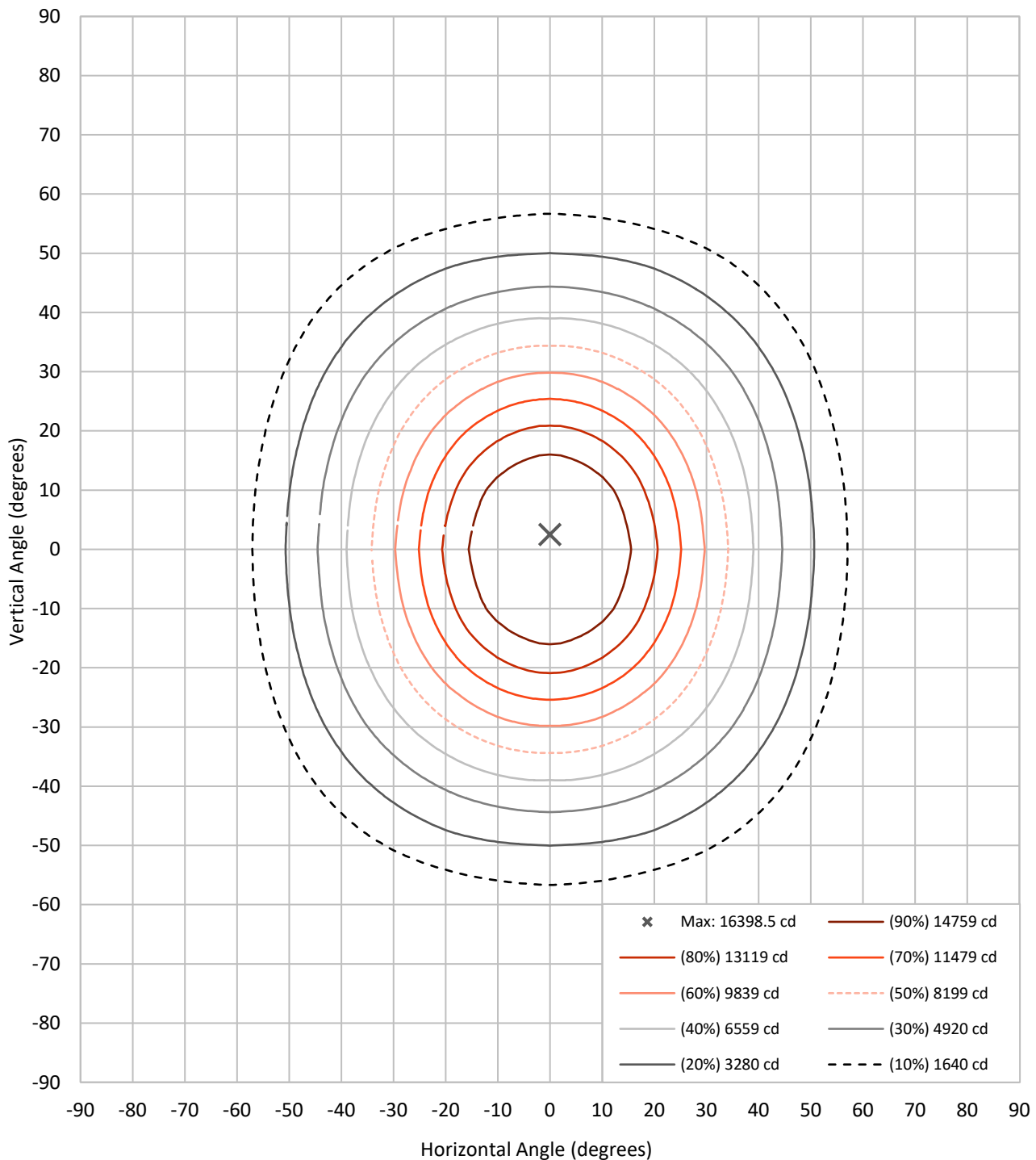
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	22193.8 lumens	Max Intensity:	16398.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	110.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	13306.8 lumens	Field Lumens:	21201.1 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 201
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P559067 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





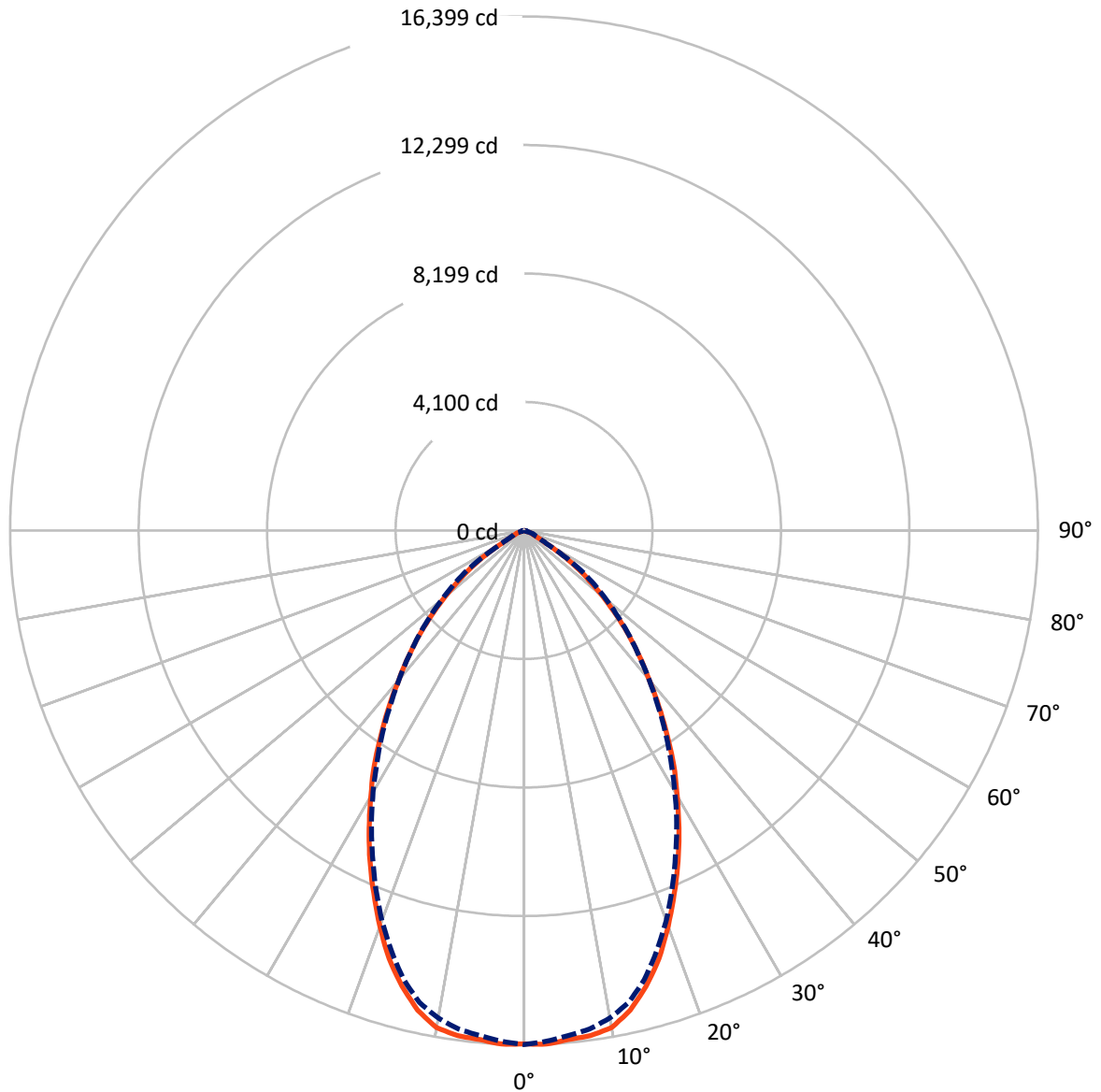
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Lumen Table

90																			
80	0.2	2.1		5.3		9.3		6.5		9.3		5.3		2.1		0.2			
70																			
60	1.0	1.5	3.0	4.7	6.8	8.9	11.0	12.4	12.4	11.0	8.9	6.8	4.7	3.0	1.5	1.0			
50		2.4	5.0	8.9	17.2	33.4	50.0	59.9	59.9	50.0	33.4	17.2	8.9	5.0	2.4				
40	1.7	3.2	7.3	21.3	55.9	93.0	123.7	141.1	141.1	123.7	93.0	55.9	21.3	7.3	3.2	1.7			
30		3.9	12.5	49.0	100.4	156.8	207.8	238.3	238.3	207.8	156.8	100.4	49.0	12.5	3.9				
20	1.9	4.7	22.7	74.1	142.5	223.0	298.1	345.3	345.3	298.1	223.0	142.5	74.1	22.7	4.7	1.9			
10		5.6	32.4	92.2	175.6	278.6	379.5	443.3	443.3	379.5	278.6	175.6	92.2	32.4	5.6				
0	2.0	6.1	37.8	102.0	194.3	311.4	426.3	487.3	487.3	426.3	311.4	194.3	102.0	37.8	6.1	2.0			
-10		6.1	37.8	102.0	194.3	311.4	426.3	487.3	487.3	426.3	311.4	194.3	102.0	37.8	6.1				
-20	1.9	5.6	32.4	92.2	175.6	278.6	379.5	443.3	443.3	379.5	278.6	175.6	92.2	32.4	5.6	1.9			
-30		4.7	22.7	74.1	142.5	223.0	298.1	345.3	345.3	298.1	223.0	142.5	74.1	22.7	4.7				
-40	1.7	3.9	12.5	49.0	100.4	156.8	207.8	238.3	238.3	207.8	156.8	100.4	49.0	12.5	3.9	1.7			
-50		3.2	7.3	21.3	55.9	93.0	123.7	141.1	141.1	123.7	93.0	55.9	21.3	7.3	3.2				
-60	1.0	2.4	5.0	8.9	17.2	33.4	50.0	59.9	59.9	50.0	33.4	17.2	8.9	5.0	2.4	1.0			
-70		1.5	3.0	4.7	6.8	8.9	11.0	12.4	12.4	11.0	8.9	6.8	4.7	3.0	1.5				
-80	0.2	2.1		5.3		9.3		6.5		9.3		5.3		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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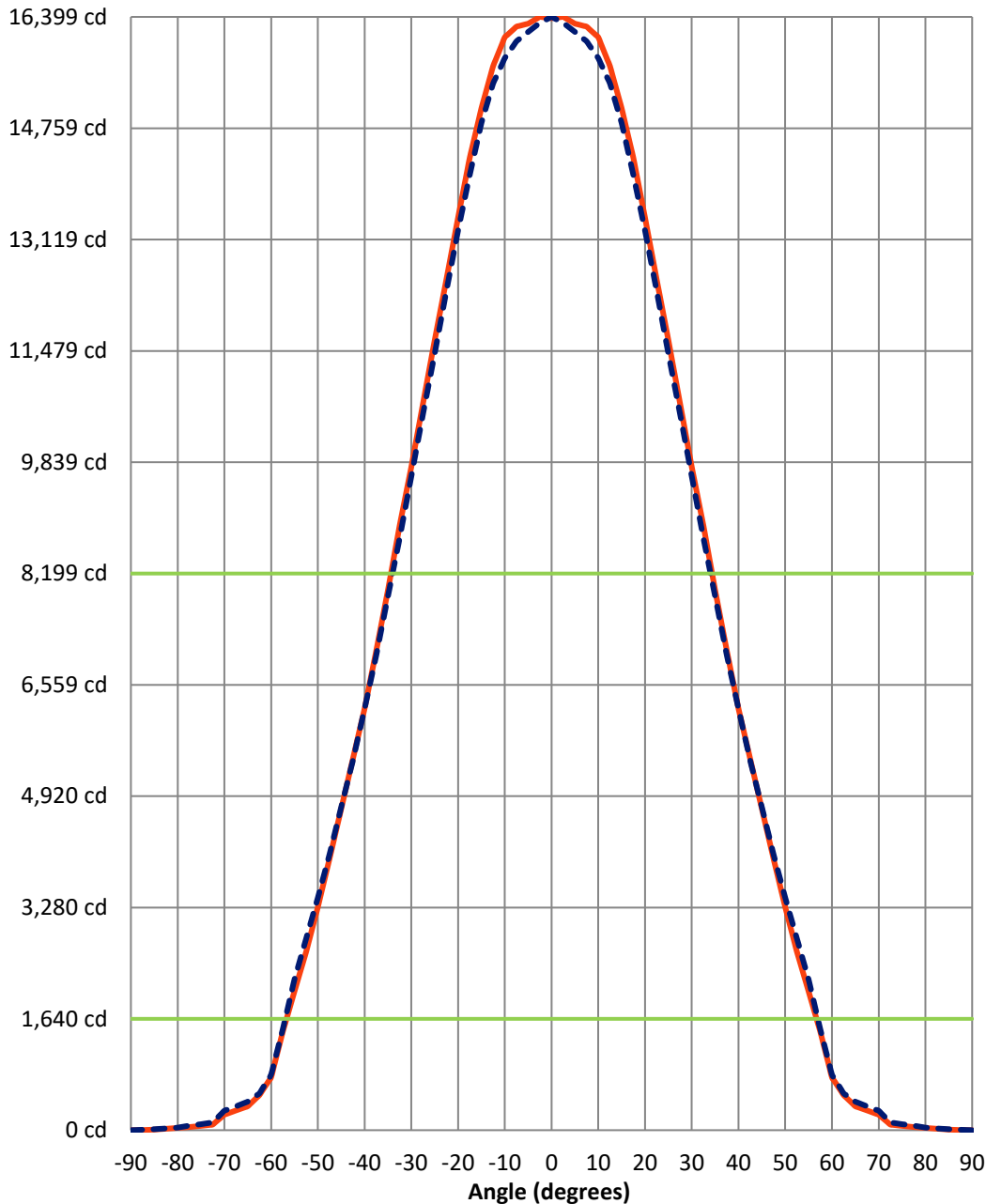
Luminous Intensity Polar Plot



— 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: 13306.8
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 21201.1
Efficiency: 95.5%

Spill:
Lumens: 992.8
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	1.4	1.6	1.9	2.2	2.4	2.7
85°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.3	4.8	5.3
82.5°	0.0	0.8	1.6	2.5	3.3	4.1	4.9	5.7	6.8	9.3	11.9
80°	0.0	1.1	2.2	3.3	4.4	5.4	6.9	10.1	13.5	17.0	20.7
77.5°	0.0	1.4	2.7	4.1	5.4	7.5	11.6	15.9	20.2	24.7	30.8
75°	0.0	1.6	3.3	4.9	6.7	10.8	16.2	21.5	27.3	36.5	45.6
72.5°	0.0	1.9	3.8	5.7	8.9	14.1	20.7	28.4	39.1	49.7	60.1
70°	0.0	2.2	4.3	6.6	11.1	17.2	25.4	38.5	50.7	62.8	80.1
67.5°	0.0	2.4	4.8	7.8	13.1	20.2	33.2	48.6	62.2	80.4	100.7
65°	0.0	2.7	5.3	9.1	15.0	24.1	40.5	58.5	76.4	97.2	120.3
62.5°	0.0	2.9	5.8	10.2	16.9	28.9	47.2	69.1	89.9	113.7	138.9
60°	0.0	3.1	6.3	11.3	18.6	33.3	53.4	79.7	102.7	131.5	157.7
57.5°	0.0	3.4	6.9	12.3	21.2	37.2	59.6	89.3	118.4	149.3	173.4
55°	0.0	3.6	7.5	13.3	23.5	40.7	65.1	96.8	134.8	166.0	187.6
52.5°	0.0	3.8	8.1	14.1	25.6	43.8	69.9	107.7	151.1	179.1	201.8
50°	0.0	4.0	8.7	14.9	27.4	46.7	73.9	118.0	165.9	192.2	216.7
47.5°	0.0	4.3	9.3	15.7	28.9	49.1	77.6	126.9	177.5	205.1	230.9
45°	0.0	4.5	9.8	16.5	30.0	50.8	83.9	134.4	182.6	216.8	244.0
42.5°	0.0	4.6	10.3	17.1	30.9	52.0	89.1	138.6	185.8	227.6	258.5
40°	0.0	4.8	10.8	17.9	31.4	52.5	93.3	140.3	187.8	236.7	272.9
37.5°	0.0	5.0	11.3	18.8	31.6	52.5	96.4	140.7	189.8	240.7	286.9
35°	0.0	5.2	11.7	19.6	31.5	53.7	98.5	140.0	191.8	249.6	300.7
32.5°	0.0	5.3	12.1	20.3	31.1	55.2	98.9	138.1	193.7	260.8	314.5
30°	0.0	5.5	12.5	21.1	30.3	55.9	97.1	136.1	195.6	274.1	327.5
27.5°	0.0	5.6	12.9	21.7	31.1	55.9	94.4	136.5	200.4	289.5	339.8
25°	0.0	5.7	13.2	22.3	32.0	55.3	91.0	136.5	210.7	301.7	351.4
22.5°	0.0	5.8	13.5	22.9	32.9	55.3	86.8	136.2	221.7	310.9	366.2
20°	0.0	5.9	13.8	23.4	33.7	57.9	82.0	135.5	233.0	319.3	379.4
17.5°	0.0	6.0	14.0	23.8	34.5	60.2	81.2	134.2	244.4	326.8	390.9
15°	0.0	6.1	14.2	24.2	35.2	62.1	82.8	133.5	255.5	333.5	400.7
12.5°	0.0	6.2	14.4	24.5	35.9	63.8	84.3	132.6	265.3	339.2	408.9
10°	0.0	6.2	14.5	24.8	36.4	65.1	85.5	130.0	273.4	343.6	415.1
7.5°	0.0	6.2	14.7	25.0	36.9	66.2	86.6	125.9	279.9	347.1	418.7
5°	0.0	6.3	14.7	25.2	37.3	66.9	87.5	120.5	284.5	349.8	420.5
2.5°	0.0	6.3	14.8	25.3	37.7	67.4	88.1	114.3	286.9	351.4	420.8
0°	0.0	6.3	14.8	25.3	37.9	67.5	88.5	107.5	286.7	352.0	419.5
-2.5°	0.0	6.3	14.8	25.3	37.7	67.4	88.1	114.3	286.9	351.4	420.8
-5°	0.0	6.3	14.7	25.2	37.3	66.9	87.5	120.5	284.5	349.8	420.5
-7.5°	0.0	6.2	14.7	25.0	36.9	66.2	86.6	125.9	279.9	347.1	418.7
-10°	0.0	6.2	14.5	24.8	36.4	65.1	85.5	130.0	273.4	343.6	415.1
-12.5°	0.0	6.2	14.4	24.5	35.9	63.8	84.3	132.6	265.3	339.2	408.9
-15°	0.0	6.1	14.2	24.2	35.2	62.1	82.8	133.5	255.5	333.5	400.7
-17.5°	0.0	6.0	14.0	23.8	34.5	60.2	81.2	134.2	244.4	326.8	390.9
-20°	0.0	5.9	13.8	23.4	33.7	57.9	82.0	135.5	233.0	319.3	379.4



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 CATALOG NUMBER: GFLD-SA5C-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	5.8	13.5	22.9	32.9	55.3	86.8	136.2	221.7	310.9	366.2
-25°	0.0	5.7	13.2	22.3	32.0	55.3	91.0	136.5	210.7	301.7	351.4
-27.5°	0.0	5.6	12.9	21.7	31.1	55.9	94.4	136.5	200.4	289.5	339.8
-30°	0.0	5.5	12.5	21.1	30.3	55.9	97.1	136.1	195.6	274.1	327.5
-32.5°	0.0	5.3	12.1	20.3	31.1	55.2	98.9	138.1	193.7	260.8	314.5
-35°	0.0	5.2	11.7	19.6	31.5	53.7	98.5	140.0	191.8	249.6	300.7
-37.5°	0.0	5.0	11.3	18.8	31.6	52.5	96.4	140.7	189.8	240.7	286.9
-40°	0.0	4.8	10.8	17.9	31.4	52.5	93.3	140.3	187.8	236.7	272.9
-42.5°	0.0	4.6	10.3	17.1	30.9	52.0	89.1	138.6	185.8	227.6	258.5
-45°	0.0	4.5	9.8	16.5	30.0	50.8	83.9	134.4	182.6	216.8	244.0
-47.5°	0.0	4.3	9.3	15.7	28.9	49.1	77.6	126.9	177.5	205.1	230.9
-50°	0.0	4.0	8.7	14.9	27.4	46.7	73.9	118.0	165.9	192.2	216.7
-52.5°	0.0	3.8	8.1	14.1	25.6	43.8	69.9	107.7	151.1	179.1	201.8
-55°	0.0	3.6	7.5	13.3	23.5	40.7	65.1	96.8	134.8	166.0	187.6
-57.5°	0.0	3.4	6.9	12.3	21.2	37.2	59.6	89.3	118.4	149.3	173.4
-60°	0.0	3.1	6.3	11.3	18.6	33.3	53.4	79.7	102.7	131.5	157.7
-62.5°	0.0	2.9	5.8	10.2	16.9	28.9	47.2	69.1	89.9	113.7	138.9
-65°	0.0	2.7	5.3	9.1	15.0	24.1	40.5	58.5	76.4	97.2	120.3
-67.5°	0.0	2.4	4.8	7.8	13.1	20.2	33.2	48.6	62.2	80.4	100.7
-70°	0.0	2.2	4.3	6.6	11.1	17.2	25.4	38.5	50.7	62.8	80.1
-72.5°	0.0	1.9	3.8	5.7	8.9	14.1	20.7	28.4	39.1	49.7	60.1
-75°	0.0	1.6	3.3	4.9	6.7	10.8	16.2	21.5	27.3	36.5	45.6
-77.5°	0.0	1.4	2.7	4.1	5.4	7.5	11.6	15.9	20.2	24.7	30.8
-80°	0.0	1.1	2.2	3.3	4.4	5.4	6.9	10.1	13.5	17.0	20.7
-82.5°	0.0	0.8	1.6	2.5	3.3	4.1	4.9	5.7	6.8	9.3	11.9
-85°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.3	4.8	5.3
-87.5°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.4	2.7
-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-SA5C-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°	2.7	2.6	2.5	2.4	2.6	2.7	2.8	3.0	2.7	2.4	2.1
85°	5.3	5.3	6.0	6.4	7.1	7.5	7.7	7.7	8.6	9.8	11.3
82.5°	13.3	14.3	14.8	15.0	15.2	15.1	14.9	14.8	18.3	22.7	27.7
80°	22.4	23.4	26.9	30.8	32.7	32.7	30.9	27.6	32.7	40.9	50.8
77.5°	36.5	42.0	47.6	53.4	54.5	51.7	47.2	41.0	48.3	62.9	79.3
75°	53.2	60.5	68.8	75.0	75.1	70.6	64.7	63.4	75.7	93.3	107.8
72.5°	72.7	83.4	91.5	96.8	96.3	95.6	97.9	103.1	113.1	126.0	137.2
70°	96.3	107.1	113.0	115.7	116.7	122.6	131.3	137.9	145.1	157.7	169.5
67.5°	119.7	127.9	133.1	136.7	146.5	157.7	166.5	174.5	183.3	196.3	207.0
65°	140.5	148.9	156.3	167.2	181.6	192.2	202.6	213.3	228.7	243.3	252.0
62.5°	160.8	169.8	181.0	195.9	211.4	225.0	241.9	261.1	281.1	296.0	313.0
60°	176.6	189.4	205.2	222.9	241.4	263.5	285.3	307.7	328.2	348.1	373.2
57.5°	191.7	210.0	229.8	250.5	275.1	302.6	329.2	353.4	379.2	406.9	435.3
55°	208.1	232.1	254.1	278.8	308.8	343.8	373.3	401.9	432.8	479.6	520.5
52.5°	226.2	252.7	277.5	307.8	345.1	382.4	416.0	456.1	507.7	577.2	689.9
50°	243.1	271.6	300.7	339.9	380.2	419.5	468.1	524.0	627.3	756.8	983.7
47.5°	260.0	290.2	328.8	371.1	414.9	466.8	528.4	650.6	791.5	1114.2	1435.7
45°	276.8	312.7	355.3	403.3	455.6	520.7	648.6	799.3	1182.6	1553.8	1940.4
42.5°	293.2	335.2	383.9	435.0	503.3	621.2	785.9	1184.2	1599.1	2025.4	2396.5
40°	311.8	356.2	412.5	477.4	567.6	746.6	1116.5	1564.9	2032.6	2435.3	2796.4
37.5°	329.4	381.9	443.0	518.5	680.8	979.6	1456.2	1953.5	2406.3	2799.9	3185.5
35°	345.4	406.7	479.6	592.8	791.7	1284.2	1800.7	2306.5	2739.4	3159.5	3581.4
32.5°	364.3	430.7	514.8	691.2	1046.1	1578.2	2127.8	2609.7	3063.1	3511.1	3993.0
30°	385.1	460.5	563.7	785.2	1298.0	1863.8	2408.4	2900.6	3370.7	3868.2	4384.4
27.5°	404.8	489.3	644.8	967.2	1535.0	2130.6	2663.6	3170.2	3674.8	4204.6	4760.3
25°	422.6	516.6	720.8	1166.9	1763.6	2358.1	2898.4	3414.1	3958.8	4534.6	5119.3
22.5°	441.9	543.2	789.4	1348.7	1972.8	2560.7	3105.9	3652.5	4229.1	4839.4	5449.3
20°	462.6	600.0	902.2	1516.6	2162.9	2744.7	3292.1	3874.1	4482.0	5114.1	5758.4
17.5°	481.6	650.2	1037.0	1675.8	2322.7	2904.8	3459.6	4074.7	4702.0	5362.8	6041.3
15°	498.6	693.7	1155.8	1816.7	2458.4	3040.7	3623.0	4252.9	4897.5	5585.7	6290.5
12.5°	513.5	730.5	1257.9	1938.5	2572.8	3157.0	3760.3	4403.1	5071.7	5780.6	6515.0
10°	526.3	760.4	1342.8	2040.3	2665.9	3252.9	3870.5	4528.1	5210.3	5937.5	6696.1
7.5°	534.4	785.1	1410.0	2121.7	2737.7	3328.0	3953.7	4626.7	5311.8	6060.0	6833.1
5°	539.6	805.3	1458.5	2181.8	2790.0	3384.6	4013.5	4697.5	5376.8	6146.0	6925.2
2.5°	542.1	819.2	1488.1	2220.2	2822.8	3424.3	4063.1	4759.5	5445.3	6207.2	6996.5
0°	541.8	826.4	1498.8	2236.6	2835.3	3442.4	4087.5	4791.6	5489.3	6233.5	7045.1
-2.5°	542.1	819.2	1488.1	2220.2	2822.8	3424.3	4063.1	4759.5	5445.3	6207.2	6996.5
-5°	539.6	805.3	1458.5	2181.8	2790.0	3384.6	4013.5	4697.5	5376.8	6146.0	6925.2
-7.5°	534.4	785.1	1410.0	2121.7	2737.7	3328.0	3953.7	4626.7	5311.8	6060.0	6833.1
-10°	526.3	760.4	1342.8	2040.3	2665.9	3252.9	3870.5	4528.1	5210.3	5937.5	6696.1
-12.5°	513.5	730.5	1257.9	1938.5	2572.8	3157.0	3760.3	4403.1	5071.7	5780.6	6515.0
-15°	498.6	693.7	1155.8	1816.7	2458.4	3040.7	3623.0	4252.9	4897.5	5585.7	6290.5
-17.5°	481.6	650.2	1037.0	1675.8	2322.7	2904.8	3459.6	4074.7	4702.0	5362.8	6041.3
-20°	462.6	600.0	902.2	1516.6	2162.9	2744.7	3292.1	3874.1	4482.0	5114.1	5758.4



REPORT NUMBER: P559067 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	441.9	543.2	789.4	1348.7	1972.8	2560.7	3105.9	3652.5	4229.1	4839.4	5449.3
-25°	422.6	516.6	720.8	1166.9	1763.6	2358.1	2898.4	3414.1	3958.8	4534.6	5119.3
-27.5°	404.8	489.3	644.8	967.2	1535.0	2130.6	2663.6	3170.2	3674.8	4204.6	4760.3
-30°	385.1	460.5	563.7	785.2	1298.0	1863.8	2408.4	2900.6	3370.7	3868.2	4384.4
-32.5°	364.3	430.7	514.8	691.2	1046.1	1578.2	2127.8	2609.7	3063.1	3511.1	3993.0
-35°	345.4	406.7	479.6	592.8	791.7	1284.2	1800.7	2306.5	2739.4	3159.5	3581.4
-37.5°	329.4	381.9	443.0	518.5	680.8	979.6	1456.2	1953.5	2406.3	2799.9	3185.5
-40°	311.8	356.2	412.5	477.4	567.6	746.6	1116.5	1564.9	2032.6	2435.3	2796.4
-42.5°	293.2	335.2	383.9	435.0	503.3	621.2	785.9	1184.2	1599.1	2025.4	2396.5
-45°	276.8	312.7	355.3	403.3	455.6	520.7	648.6	799.3	1182.6	1553.8	1940.4
-47.5°	260.0	290.2	328.8	371.1	414.9	466.8	528.4	650.6	791.5	1114.2	1435.7
-50°	243.1	271.6	300.7	339.9	380.2	419.5	468.1	524.0	627.3	756.8	983.7
-52.5°	226.2	252.7	277.5	307.8	345.1	382.4	416.0	456.1	507.7	577.2	689.9
-55°	208.1	232.1	254.1	278.8	308.8	343.8	373.3	401.9	432.8	479.6	520.5
-57.5°	191.7	210.0	229.8	250.5	275.1	302.6	329.2	353.4	379.2	406.9	435.3
-60°	176.6	189.4	205.2	222.9	241.4	263.5	285.3	307.7	328.2	348.1	373.2
-62.5°	160.8	169.8	181.0	195.9	211.4	225.0	241.9	261.1	281.1	296.0	313.0
-65°	140.5	148.9	156.3	167.2	181.6	192.2	202.6	213.3	228.7	243.3	252.0
-67.5°	119.7	127.9	133.1	136.7	146.5	157.7	166.5	174.5	183.3	196.3	207.0
-70°	96.3	107.1	113.0	115.7	116.7	122.6	131.3	137.9	145.1	157.7	169.5
-72.5°	72.7	83.4	91.5	96.8	96.3	95.6	97.9	103.1	113.1	126.0	137.2
-75°	53.2	60.5	68.8	75.0	75.1	70.6	64.7	63.4	75.7	93.3	107.8
-77.5°	36.5	42.0	47.6	53.4	54.5	51.7	47.2	41.0	48.3	62.9	79.3
-80°	22.4	23.4	26.9	30.8	32.7	32.7	30.9	27.6	32.7	40.9	50.8
-82.5°	13.3	14.3	14.8	15.0	15.2	15.1	14.9	14.8	18.3	22.7	27.7
-85°	5.3	5.3	6.0	6.4	7.1	7.5	7.7	7.7	8.6	9.8	11.3
-87.5°	2.7	2.6	2.5	2.4	2.6	2.7	2.8	3.0	2.7	2.4	2.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559067 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	1.7	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.1
85°	12.8	12.6	12.2	11.5	10.7	11.0	11.3	11.6	11.9	11.1	10.3
82.5°	33.1	35.5	37.8	40.3	42.9	42.5	41.3	39.6	37.4	33.4	28.8
80°	62.0	67.8	71.6	74.7	77.1	74.8	71.2	67.0	62.4	55.4	47.8
77.5°	96.2	102.1	105.1	108.7	112.7	113.5	113.7	114.1	114.6	101.7	85.2
75°	119.5	127.2	133.5	139.1	144.0	146.5	148.1	149.7	151.2	134.1	111.6
72.5°	146.8	154.3	160.4	166.5	171.8	175.9	179.1	181.7	183.8	169.9	150.3
70°	178.9	186.3	193.3	199.5	205.7	211.2	216.2	220.9	225.1	225.9	227.0
67.5°	215.0	219.4	227.7	235.6	245.1	252.0	259.7	266.9	273.6	279.2	283.9
65°	259.7	275.7	291.8	299.7	300.3	310.4	326.1	334.9	337.5	339.4	344.4
62.5°	334.8	355.4	366.2	380.3	399.7	420.9	429.0	440.6	454.8	470.8	485.3
60°	394.5	412.0	438.1	464.6	488.2	509.6	561.6	607.7	647.3	681.4	714.1
57.5°	468.6	497.5	537.3	609.2	674.9	734.3	835.9	959.9	1070.5	1167.2	1252.2
55°	586.6	670.6	746.2	915.9	1097.2	1254.0	1400.9	1558.0	1685.8	1785.8	1878.2
52.5°	787.9	1018.9	1253.1	1473.4	1690.0	1887.1	2064.0	2203.2	2311.9	2393.4	2470.7
50°	1261.4	1539.8	1825.1	2087.8	2300.5	2494.9	2679.0	2817.1	2932.7	3032.1	3120.2
47.5°	1777.6	2103.5	2373.1	2615.3	2844.6	3060.2	3261.6	3429.7	3572.1	3703.3	3812.6
45°	2291.2	2582.7	2859.1	3119.0	3368.5	3610.2	3826.9	4018.0	4206.4	4362.0	4485.1
42.5°	2725.5	3034.1	3328.2	3625.6	3904.6	4175.7	4437.5	4670.0	4870.1	5040.1	5177.0
40°	3142.4	3475.2	3824.4	4154.6	4485.9	4795.3	5085.3	5350.7	5578.5	5779.9	5950.3
37.5°	3566.7	3955.2	4338.9	4715.2	5080.2	5416.7	5749.6	6055.8	6322.7	6558.4	6756.2
35°	4014.5	4442.7	4860.2	5284.2	5682.8	6072.2	6440.1	6777.1	7072.8	7350.4	7589.0
32.5°	4463.1	4927.0	5397.1	5856.0	6297.5	6733.6	7137.0	7517.1	7866.6	8173.9	8428.6
30°	4899.8	5410.6	5913.6	6413.5	6917.4	7392.6	7839.5	8256.9	8636.1	8970.8	9260.3
27.5°	5318.9	5868.1	6407.6	6979.3	7526.9	8043.8	8529.3	8978.0	9401.4	9781.9	10110.5
25°	5706.8	6290.1	6918.9	7518.5	8104.5	8677.7	9209.7	9697.1	10181.1	10599.9	10956.6
22.5°	6073.2	6724.1	7386.1	8015.0	8661.6	9291.9	9887.4	10452.2	10969.2	11408.0	11788.3
20°	6421.6	7122.1	7804.2	8500.6	9200.7	9880.7	10536.4	11140.1	11686.3	12164.5	12593.4
17.5°	6750.7	7475.5	8200.4	8944.0	9700.0	10414.9	11109.7	11766.4	12362.8	12893.3	13376.8
15°	7035.3	7784.3	8560.5	9350.8	10141.6	10901.8	11639.1	12354.6	13025.4	13602.9	14090.5
12.5°	7277.2	8057.5	8878.6	9707.7	10541.3	11338.2	12119.7	12885.3	13598.4	14219.2	14719.9
10°	7477.9	8295.4	9153.1	10016.7	10871.6	11699.6	12512.4	13304.5	14070.5	14714.0	15228.2
7.5°	7645.1	8494.0	9371.5	10261.1	11123.8	11983.7	12831.4	13631.5	14386.1	15064.7	15593.2
5°	7770.0	8633.1	9529.1	10441.0	11316.8	12207.4	13080.3	13899.1	14646.2	15261.1	15692.5
2.5°	7862.9	8719.7	9631.4	10549.4	11436.8	12359.5	13251.0	14070.7	14835.4	15417.4	15790.9
0°	7926.2	8767.3	9724.4	10624.5	11526.8	12473.3	13354.4	14182.9	14950.2	15519.4	15905.2
-2.5°	7862.9	8719.7	9631.4	10549.4	11436.8	12359.5	13251.0	14070.7	14835.4	15417.4	15790.9
-5°	7770.0	8633.1	9529.1	10441.0	11316.8	12207.4	13080.3	13899.1	14646.2	15261.1	15692.5
-7.5°	7645.1	8494.0	9371.5	10261.1	11123.8	11983.7	12831.4	13631.5	14386.1	15064.7	15593.2
-10°	7477.9	8295.4	9153.1	10016.7	10871.6	11699.6	12512.4	13304.5	14070.5	14714.0	15228.2
-12.5°	7277.2	8057.5	8878.6	9707.7	10541.3	11338.2	12119.7	12885.3	13598.4	14219.2	14719.9
-15°	7035.3	7784.3	8560.5	9350.8	10141.6	10901.8	11639.1	12354.6	13025.4	13602.9	14090.5
-17.5°	6750.7	7475.5	8200.4	8944.0	9700.0	10414.9	11109.7	11766.4	12362.8	12893.3	13376.8
-20°	6421.6	7122.1	7804.2	8500.6	9200.7	9880.7	10536.4	11140.1	11686.3	12164.5	12593.4



REPORT NUMBER: P559067 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	6073.2	6724.1	7386.1	8015.0	8661.6	9291.9	9887.4	10452.2	10969.2	11408.0	11788.3
-25°	5706.8	6290.1	6918.9	7518.5	8104.5	8677.7	9209.7	9697.1	10181.1	10599.9	10956.6
-27.5°	5318.9	5868.1	6407.6	6979.3	7526.9	8043.8	8529.3	8978.0	9401.4	9781.9	10110.5
-30°	4899.8	5410.6	5913.6	6413.5	6917.4	7392.6	7839.5	8256.9	8636.1	8970.8	9260.3
-32.5°	4463.1	4927.0	5397.1	5856.0	6297.5	6733.6	7137.0	7517.1	7866.6	8173.9	8428.6
-35°	4014.5	4442.7	4860.2	5284.2	5682.8	6072.2	6440.1	6777.1	7072.8	7350.4	7589.0
-37.5°	3566.7	3955.2	4338.9	4715.2	5080.2	5416.7	5749.6	6055.8	6322.7	6558.4	6756.2
-40°	3142.4	3475.2	3824.4	4154.6	4485.9	4795.3	5085.3	5350.7	5578.5	5779.9	5950.3
-42.5°	2725.5	3034.1	3328.2	3625.6	3904.6	4175.7	4437.5	4670.0	4870.1	5040.1	5177.0
-45°	2291.2	2582.7	2859.1	3119.0	3368.5	3610.2	3826.9	4018.0	4206.4	4362.0	4485.1
-47.5°	1777.6	2103.5	2373.1	2615.3	2844.6	3060.2	3261.6	3429.7	3572.1	3703.3	3812.6
-50°	1261.4	1539.8	1825.1	2087.8	2300.5	2494.9	2679.0	2817.1	2932.7	3032.1	3120.2
-52.5°	787.9	1018.9	1253.1	1473.4	1690.0	1887.1	2064.0	2203.2	2311.9	2393.4	2470.7
-55°	586.6	670.6	746.2	915.9	1097.2	1254.0	1400.9	1558.0	1685.8	1785.8	1878.2
-57.5°	468.6	497.5	537.3	609.2	674.9	734.3	835.9	959.9	1070.5	1167.2	1252.2
-60°	394.5	412.0	438.1	464.6	488.2	509.6	561.6	607.7	647.3	681.4	714.1
-62.5°	334.8	355.4	366.2	380.3	399.7	420.9	429.0	440.6	454.8	470.8	485.3
-65°	259.7	275.7	291.8	299.7	300.3	310.4	326.1	334.9	337.5	339.4	344.4
-67.5°	215.0	219.4	227.7	235.6	245.1	252.0	259.7	266.9	273.6	279.2	283.9
-70°	178.9	186.3	193.3	199.5	205.7	211.2	216.2	220.9	225.1	225.9	227.0
-72.5°	146.8	154.3	160.4	166.5	171.8	175.9	179.1	181.7	183.8	169.9	150.3
-75°	119.5	127.2	133.5	139.1	144.0	146.5	148.1	149.7	151.2	134.1	111.6
-77.5°	96.2	102.1	105.1	108.7	112.7	113.5	113.7	114.1	114.6	101.7	85.2
-80°	62.0	67.8	71.6	74.7	77.1	74.8	71.2	67.0	62.4	55.4	47.8
-82.5°	33.1	35.5	37.8	40.3	42.9	42.5	41.3	39.6	37.4	33.4	28.8
-85°	12.8	12.6	12.2	11.5	10.7	11.0	11.3	11.6	11.9	11.1	10.3
-87.5°	1.7	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559067 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0
85°	9.3	8.4	8.4	8.4	8.4	8.4	9.3	10.3	11.1	11.9	11.6
82.5°	24.0	19.0	20.0	21.1	20.0	19.0	24.0	28.8	33.4	37.4	39.6
80°	39.9	31.7	32.6	33.7	32.6	31.7	39.9	47.8	55.4	62.4	67.0
77.5°	67.6	49.1	47.4	46.4	47.4	49.1	67.6	85.2	101.7	114.6	114.1
75°	88.4	64.5	63.1	63.2	63.1	64.5	88.4	111.6	134.1	151.2	149.7
72.5°	130.5	110.3	96.3	82.2	96.3	110.3	130.5	150.3	169.9	183.8	181.7
70°	229.4	232.2	231.1	227.7	231.1	232.2	229.4	227.0	225.9	225.1	220.9
67.5°	287.8	290.9	291.5	290.9	291.5	290.9	287.8	283.9	279.2	273.6	266.9
65°	347.8	349.8	351.4	352.0	351.4	349.8	347.8	344.4	339.4	337.5	334.9
62.5°	496.1	503.3	511.1	516.5	511.1	503.3	496.1	485.3	470.8	454.8	440.6
60°	742.8	766.4	777.0	777.9	777.0	766.4	742.8	714.1	681.4	647.3	607.7
57.5°	1320.2	1371.1	1416.4	1450.3	1416.4	1371.1	1320.2	1252.2	1167.2	1070.5	959.9
55°	1951.9	2006.0	2036.6	2044.8	2036.6	2006.0	1951.9	1878.2	1785.8	1685.8	1558.0
52.5°	2529.3	2565.3	2599.4	2628.7	2599.4	2565.3	2529.3	2470.7	2393.4	2311.9	2203.2
50°	3186.7	3226.8	3260.5	3286.4	3260.5	3226.8	3186.7	3120.2	3032.1	2932.7	2817.1
47.5°	3889.4	3938.4	3974.6	3999.0	3974.6	3938.4	3889.4	3812.6	3703.3	3572.1	3429.7
45°	4590.5	4674.6	4725.7	4734.7	4725.7	4674.6	4590.5	4485.1	4362.0	4206.4	4018.0
42.5°	5295.3	5375.8	5430.2	5470.4	5430.2	5375.8	5295.3	5177.0	5040.1	4870.1	4670.0
40°	6092.3	6193.5	6239.9	6210.3	6239.9	6193.5	6092.3	5950.3	5779.9	5578.5	5350.7
37.5°	6908.8	7012.9	7066.6	7064.1	7066.6	7012.9	6908.8	6756.2	6558.4	6322.7	6055.8
35°	7774.5	7903.5	7973.4	7955.8	7973.4	7903.5	7774.5	7589.0	7350.4	7072.8	6777.1
32.5°	8632.1	8788.0	8888.7	8904.4	8888.7	8788.0	8632.1	8428.6	8173.9	7866.6	7517.1
30°	9492.3	9660.9	9761.0	9770.8	9761.0	9660.9	9492.3	9260.3	8970.8	8636.1	8256.9
27.5°	10386.2	10574.8	10679.6	10704.6	10679.6	10574.8	10386.2	10110.5	9781.9	9401.4	8978.0
25°	11260.8	11470.0	11590.3	11636.4	11590.3	11470.0	11260.8	10956.6	10599.9	10181.1	9697.1
22.5°	12104.0	12333.5	12490.3	12530.2	12490.3	12333.5	12104.0	11788.3	11408.0	10969.2	10452.2
20°	12949.8	13220.7	13421.1	13440.9	13421.1	13220.7	12949.8	12593.4	12164.5	11686.3	11140.1
17.5°	13764.2	14057.2	14271.7	14324.1	14271.7	14057.2	13764.2	13376.8	12893.3	12362.8	11766.4
15°	14493.3	14800.8	15007.9	15053.5	15007.9	14800.8	14493.3	14090.5	13602.9	13025.4	12354.6
12.5°	15122.4	15405.9	15599.3	15673.3	15599.3	15405.9	15122.4	14719.9	14219.2	13598.4	12885.3
10°	15629.2	15848.2	16021.1	16099.1	16021.1	15848.2	15629.2	15228.2	14714.0	14070.5	13304.5
7.5°	15912.2	16092.3	16212.1	16255.1	16212.1	16092.3	15912.2	15593.2	15064.7	14386.1	13631.5
5°	16024.0	16196.7	16261.5	16299.4	16261.5	16196.7	16024.0	15692.5	15261.1	14646.2	13899.1
2.5°	16039.3	16177.5	16310.8	16398.5	16310.8	16177.5	16039.3	15790.9	15417.4	14835.4	14070.7
0°	16128.6	16263.5	16337.3	16379.5	16337.3	16263.5	16128.6	15905.2	15519.4	14950.2	14182.9
-2.5°	16039.3	16177.5	16310.8	16398.5	16310.8	16177.5	16039.3	15790.9	15417.4	14835.4	14070.7
-5°	16024.0	16196.7	16261.5	16299.4	16261.5	16196.7	16024.0	15692.5	15261.1	14646.2	13899.1
-7.5°	15912.2	16092.3	16212.1	16255.1	16212.1	16092.3	15912.2	15593.2	15064.7	14386.1	13631.5
-10°	15629.2	15848.2	16021.1	16099.1	16021.1	15848.2	15629.2	15228.2	14714.0	14070.5	13304.5
-12.5°	15122.4	15405.9	15599.3	15673.3	15599.3	15405.9	15122.4	14719.9	14219.2	13598.4	12885.3
-15°	14493.3	14800.8	15007.9	15053.5	15007.9	14800.8	14493.3	14090.5	13602.9	13025.4	12354.6
-17.5°	13764.2	14057.2	14271.7	14324.1	14271.7	14057.2	13764.2	13376.8	12893.3	12362.8	11766.4
-20°	12949.8	13220.7	13421.1	13440.9	13421.1	13220.7	12949.8	12593.4	12164.5	11686.3	11140.1



REPORT NUMBER: P559067 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12104.0	12333.5	12490.3	12530.2	12490.3	12333.5	12104.0	11788.3	11408.0	10969.2	10452.2
-25°	11260.8	11470.0	11590.3	11636.4	11590.3	11470.0	11260.8	10956.6	10599.9	10181.1	9697.1
-27.5°	10386.2	10574.8	10679.6	10704.6	10679.6	10574.8	10386.2	10110.5	9781.9	9401.4	8978.0
-30°	9492.3	9660.9	9761.0	9770.8	9761.0	9660.9	9492.3	9260.3	8970.8	8636.1	8256.9
-32.5°	8632.1	8788.0	8888.7	8904.4	8888.7	8788.0	8632.1	8428.6	8173.9	7866.6	7517.1
-35°	7774.5	7903.5	7973.4	7955.8	7973.4	7903.5	7774.5	7589.0	7350.4	7072.8	6777.1
-37.5°	6908.8	7012.9	7066.6	7064.1	7066.6	7012.9	6908.8	6756.2	6558.4	6322.7	6055.8
-40°	6092.3	6193.5	6239.9	6210.3	6239.9	6193.5	6092.3	5950.3	5779.9	5578.5	5350.7
-42.5°	5295.3	5375.8	5430.2	5470.4	5430.2	5375.8	5295.3	5177.0	5040.1	4870.1	4670.0
-45°	4590.5	4674.6	4725.7	4734.7	4725.7	4674.6	4590.5	4485.1	4362.0	4206.4	4018.0
-47.5°	3889.4	3938.4	3974.6	3999.0	3974.6	3938.4	3889.4	3812.6	3703.3	3572.1	3429.7
-50°	3186.7	3226.8	3260.5	3286.4	3260.5	3226.8	3186.7	3120.2	3032.1	2932.7	2817.1
-52.5°	2529.3	2565.3	2599.4	2628.7	2599.4	2565.3	2529.3	2470.7	2393.4	2311.9	2203.2
-55°	1951.9	2006.0	2036.6	2044.8	2036.6	2006.0	1951.9	1878.2	1785.8	1685.8	1558.0
-57.5°	1320.2	1371.1	1416.4	1450.3	1416.4	1371.1	1320.2	1252.2	1167.2	1070.5	959.9
-60°	742.8	766.4	777.0	777.9	777.0	766.4	742.8	714.1	681.4	647.3	607.7
-62.5°	496.1	503.3	511.1	516.5	511.1	503.3	496.1	485.3	470.8	454.8	440.6
-65°	347.8	349.8	351.4	352.0	351.4	349.8	347.8	344.4	339.4	337.5	334.9
-67.5°	287.8	290.9	291.5	290.9	291.5	290.9	287.8	283.9	279.2	273.6	266.9
-70°	229.4	232.2	231.1	227.7	231.1	232.2	229.4	227.0	225.9	225.1	220.9
-72.5°	130.5	110.3	96.3	82.2	96.3	110.3	130.5	150.3	169.9	183.8	181.7
-75°	88.4	64.5	63.1	63.2	63.1	64.5	88.4	111.6	134.1	151.2	149.7
-77.5°	67.6	49.1	47.4	46.4	47.4	49.1	67.6	85.2	101.7	114.6	114.1
-80°	39.9	31.7	32.6	33.7	32.6	31.7	39.9	47.8	55.4	62.4	67.0
-82.5°	24.0	19.0	20.0	21.1	20.0	19.0	24.0	28.8	33.4	37.4	39.6
-85°	9.3	8.4	8.4	8.4	8.4	8.4	9.3	10.3	11.1	11.9	11.6
-87.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	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: P559067 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.0	1.9	1.9	1.9	1.8	1.8	1.7	2.1	2.4	2.7	3.0
85°	11.3	11.0	10.7	11.5	12.2	12.6	12.8	11.3	9.8	8.6	7.7
82.5°	41.3	42.5	42.9	40.3	37.8	35.5	33.1	27.7	22.7	18.3	14.8
80°	71.2	74.8	77.1	74.7	71.6	67.8	62.0	50.8	40.9	32.7	27.6
77.5°	113.7	113.5	112.7	108.7	105.1	102.1	96.2	79.3	62.9	48.3	41.0
75°	148.1	146.5	144.0	139.1	133.5	127.2	119.5	107.8	93.3	75.7	63.4
72.5°	179.1	175.9	171.8	166.5	160.4	154.3	146.8	137.2	126.0	113.1	103.1
70°	216.2	211.2	205.7	199.5	193.3	186.3	178.9	169.5	157.7	145.1	137.9
67.5°	259.7	252.0	245.1	235.6	227.7	219.4	215.0	207.0	196.3	183.3	174.5
65°	326.1	310.4	300.3	299.7	291.8	275.7	259.7	252.0	243.3	228.7	213.3
62.5°	429.0	420.9	399.7	380.3	366.2	355.4	334.8	313.0	296.0	281.1	261.1
60°	561.6	509.6	488.2	464.6	438.1	412.0	394.5	373.2	348.1	328.2	307.7
57.5°	835.9	734.3	674.9	609.2	537.3	497.5	468.6	435.3	406.9	379.2	353.4
55°	1400.9	1254.0	1097.2	915.9	746.2	670.6	586.6	520.5	479.6	432.8	401.9
52.5°	2064.0	1887.1	1690.0	1473.4	1253.1	1018.9	787.9	689.9	577.2	507.7	456.1
50°	2679.0	2494.9	2300.5	2087.8	1825.1	1539.8	1261.4	983.7	756.8	627.3	524.0
47.5°	3261.6	3060.2	2844.6	2615.3	2373.1	2103.5	1777.6	1435.7	1114.2	791.5	650.6
45°	3826.9	3610.2	3368.5	3119.0	2859.1	2582.7	2291.2	1940.4	1553.8	1182.6	799.3
42.5°	4437.5	4175.7	3904.6	3625.6	3328.2	3034.1	2725.5	2396.5	2025.4	1599.1	1184.2
40°	5085.3	4795.3	4485.9	4154.6	3824.4	3475.2	3142.4	2796.4	2435.3	2032.6	1564.9
37.5°	5749.6	5416.7	5080.2	4715.2	4338.9	3955.2	3566.7	3185.5	2799.9	2406.3	1953.5
35°	6440.1	6072.2	5682.8	5284.2	4860.2	4442.7	4014.5	3581.4	3159.5	2739.4	2306.5
32.5°	7137.0	6733.6	6297.5	5856.0	5397.1	4927.0	4463.1	3993.0	3511.1	3063.1	2609.7
30°	7839.5	7392.6	6917.4	6413.5	5913.6	5410.6	4899.8	4384.4	3868.2	3370.7	2900.6
27.5°	8529.3	8043.8	7526.9	6979.3	6407.6	5868.1	5318.9	4760.3	4204.6	3674.8	3170.2
25°	9209.7	8677.7	8104.5	7518.5	6918.9	6290.1	5706.8	5119.3	4534.6	3958.8	3414.1
22.5°	9887.4	9291.9	8661.6	8015.0	7386.1	6724.1	6073.2	5449.3	4839.4	4229.1	3652.5
20°	10536.4	9880.7	9200.7	8500.6	7804.2	7122.1	6421.6	5758.4	5114.1	4482.0	3874.1
17.5°	11109.7	10414.9	9700.0	8944.0	8200.4	7475.5	6750.7	6041.3	5362.8	4702.0	4074.7
15°	11639.1	10901.8	10141.6	9350.8	8560.5	7784.3	7035.3	6290.5	5585.7	4897.5	4252.9
12.5°	12119.7	11338.2	10541.3	9707.7	8878.6	8057.5	7277.2	6515.0	5780.6	5071.7	4403.1
10°	12512.4	11699.6	10871.6	10016.7	9153.1	8295.4	7477.9	6696.1	5937.5	5210.3	4528.1
7.5°	12831.4	11983.7	11123.8	10261.1	9371.5	8494.0	7645.1	6833.1	6060.0	5311.8	4626.7
5°	13080.3	12207.4	11316.8	10441.0	9529.1	8633.1	7770.0	6925.2	6146.0	5376.8	4697.5
2.5°	13251.0	12359.5	11436.8	10549.4	9631.4	8719.7	7862.9	6996.5	6207.2	5445.3	4759.5
0°	13354.4	12473.3	11526.8	10624.5	9724.4	8767.3	7926.2	7045.1	6233.5	5489.3	4791.6
-2.5°	13251.0	12359.5	11436.8	10549.4	9631.4	8719.7	7862.9	6996.5	6207.2	5445.3	4759.5
-5°	13080.3	12207.4	11316.8	10441.0	9529.1	8633.1	7770.0	6925.2	6146.0	5376.8	4697.5
-7.5°	12831.4	11983.7	11123.8	10261.1	9371.5	8494.0	7645.1	6833.1	6060.0	5311.8	4626.7
-10°	12512.4	11699.6	10871.6	10016.7	9153.1	8295.4	7477.9	6696.1	5937.5	5210.3	4528.1
-12.5°	12119.7	11338.2	10541.3	9707.7	8878.6	8057.5	7277.2	6515.0	5780.6	5071.7	4403.1
-15°	11639.1	10901.8	10141.6	9350.8	8560.5	7784.3	7035.3	6290.5	5585.7	4897.5	4252.9
-17.5°	11109.7	10414.9	9700.0	8944.0	8200.4	7475.5	6750.7	6041.3	5362.8	4702.0	4074.7
-20°	10536.4	9880.7	9200.7	8500.6	7804.2	7122.1	6421.6	5758.4	5114.1	4482.0	3874.1



REPORT NUMBER: P559067 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	9887.4	9291.9	8661.6	8015.0	7386.1	6724.1	6073.2	5449.3	4839.4	4229.1	3652.5
-25°	9209.7	8677.7	8104.5	7518.5	6918.9	6290.1	5706.8	5119.3	4534.6	3958.8	3414.1
-27.5°	8529.3	8043.8	7526.9	6979.3	6407.6	5868.1	5318.9	4760.3	4204.6	3674.8	3170.2
-30°	7839.5	7392.6	6917.4	6413.5	5913.6	5410.6	4899.8	4384.4	3868.2	3370.7	2900.6
-32.5°	7137.0	6733.6	6297.5	5856.0	5397.1	4927.0	4463.1	3993.0	3511.1	3063.1	2609.7
-35°	6440.1	6072.2	5682.8	5284.2	4860.2	4442.7	4014.5	3581.4	3159.5	2739.4	2306.5
-37.5°	5749.6	5416.7	5080.2	4715.2	4338.9	3955.2	3566.7	3185.5	2799.9	2406.3	1953.5
-40°	5085.3	4795.3	4485.9	4154.6	3824.4	3475.2	3142.4	2796.4	2435.3	2032.6	1564.9
-42.5°	4437.5	4175.7	3904.6	3625.6	3328.2	3034.1	2725.5	2396.5	2025.4	1599.1	1184.2
-45°	3826.9	3610.2	3368.5	3119.0	2859.1	2582.7	2291.2	1940.4	1553.8	1182.6	799.3
-47.5°	3261.6	3060.2	2844.6	2615.3	2373.1	2103.5	1777.6	1435.7	1114.2	791.5	650.6
-50°	2679.0	2494.9	2300.5	2087.8	1825.1	1539.8	1261.4	983.7	756.8	627.3	524.0
-52.5°	2064.0	1887.1	1690.0	1473.4	1253.1	1018.9	787.9	689.9	577.2	507.7	456.1
-55°	1400.9	1254.0	1097.2	915.9	746.2	670.6	586.6	520.5	479.6	432.8	401.9
-57.5°	835.9	734.3	674.9	609.2	537.3	497.5	468.6	435.3	406.9	379.2	353.4
-60°	561.6	509.6	488.2	464.6	438.1	412.0	394.5	373.2	348.1	328.2	307.7
-62.5°	429.0	420.9	399.7	380.3	366.2	355.4	334.8	313.0	296.0	281.1	261.1
-65°	326.1	310.4	300.3	299.7	291.8	275.7	259.7	252.0	243.3	228.7	213.3
-67.5°	259.7	252.0	245.1	235.6	227.7	219.4	215.0	207.0	196.3	183.3	174.5
-70°	216.2	211.2	205.7	199.5	193.3	186.3	178.9	169.5	157.7	145.1	137.9
-72.5°	179.1	175.9	171.8	166.5	160.4	154.3	146.8	137.2	126.0	113.1	103.1
-75°	148.1	146.5	144.0	139.1	133.5	127.2	119.5	107.8	93.3	75.7	63.4
-77.5°	113.7	113.5	112.7	108.7	105.1	102.1	96.2	79.3	62.9	48.3	41.0
-80°	71.2	74.8	77.1	74.7	71.6	67.8	62.0	50.8	40.9	32.7	27.6
-82.5°	41.3	42.5	42.9	40.3	37.8	35.5	33.1	27.7	22.7	18.3	14.8
-85°	11.3	11.0	10.7	11.5	12.2	12.6	12.8	11.3	9.8	8.6	7.7
-87.5°	2.0	1.9	1.9	1.9	1.8	1.8	1.7	2.1	2.4	2.7	3.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559067 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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	2.7	2.6	2.4	2.5	2.6	2.7	2.7	2.4	2.2	1.9
85°	7.7	7.5	7.1	6.4	6.0	5.3	5.3	5.3	4.8	4.3	3.8
82.5°	14.9	15.1	15.2	15.0	14.8	14.3	13.3	11.9	9.3	6.8	5.7
80°	30.9	32.7	32.7	30.8	26.9	23.4	22.4	20.7	17.0	13.5	10.1
77.5°	47.2	51.7	54.5	53.4	47.6	42.0	36.5	30.8	24.7	20.2	15.9
75°	64.7	70.6	75.1	75.0	68.8	60.5	53.2	45.6	36.5	27.3	21.5
72.5°	97.9	95.6	96.3	96.8	91.5	83.4	72.7	60.1	49.7	39.1	28.4
70°	131.3	122.6	116.7	115.7	113.0	107.1	96.3	80.1	62.8	50.7	38.5
67.5°	166.5	157.7	146.5	136.7	133.1	127.9	119.7	100.7	80.4	62.2	48.6
65°	202.6	192.2	181.6	167.2	156.3	148.9	140.5	120.3	97.2	76.4	58.5
62.5°	241.9	225.0	211.4	195.9	181.0	169.8	160.8	138.9	113.7	89.9	69.1
60°	285.3	263.5	241.4	222.9	205.2	189.4	176.6	157.7	131.5	102.7	79.7
57.5°	329.2	302.6	275.1	250.5	229.8	210.0	191.7	173.4	149.3	118.4	89.3
55°	373.3	343.8	308.8	278.8	254.1	232.1	208.1	187.6	166.0	134.8	96.8
52.5°	416.0	382.4	345.1	307.8	277.5	252.7	226.2	201.8	179.1	151.1	107.7
50°	468.1	419.5	380.2	339.9	300.7	271.6	243.1	216.7	192.2	165.9	118.0
47.5°	528.4	466.8	414.9	371.1	328.8	290.2	260.0	230.9	205.1	177.5	126.9
45°	648.6	520.7	455.6	403.3	355.3	312.7	276.8	244.0	216.8	182.6	134.4
42.5°	785.9	621.2	503.3	435.0	383.9	335.2	293.2	258.5	227.6	185.8	138.6
40°	1116.5	746.6	567.6	477.4	412.5	356.2	311.8	272.9	236.7	187.8	140.3
37.5°	1456.2	979.6	680.8	518.5	443.0	381.9	329.4	286.9	240.7	189.8	140.7
35°	1800.7	1284.2	791.7	592.8	479.6	406.7	345.4	300.7	249.6	191.8	140.0
32.5°	2127.8	1578.2	1046.1	691.2	514.8	430.7	364.3	314.5	260.8	193.7	138.1
30°	2408.4	1863.8	1298.0	785.2	563.7	460.5	385.1	327.5	274.1	195.6	136.1
27.5°	2663.6	2130.6	1535.0	967.2	644.8	489.3	404.8	339.8	289.5	200.4	136.5
25°	2898.4	2358.1	1763.6	1166.9	720.8	516.6	422.6	351.4	301.7	210.7	136.5
22.5°	3105.9	2560.7	1972.8	1348.7	789.4	543.2	441.9	366.2	310.9	221.7	136.2
20°	3292.1	2744.7	2162.9	1516.6	902.2	600.0	462.6	379.4	319.3	233.0	135.5
17.5°	3459.6	2904.8	2322.7	1675.8	1037.0	650.2	481.6	390.9	326.8	244.4	134.2
15°	3623.0	3040.7	2458.4	1816.7	1155.8	693.7	498.6	400.7	333.5	255.5	133.5
12.5°	3760.3	3157.0	2572.8	1938.5	1257.9	730.5	513.5	408.9	339.2	265.3	132.6
10°	3870.5	3252.9	2665.9	2040.3	1342.8	760.4	526.3	415.1	343.6	273.4	130.0
7.5°	3953.7	3328.0	2737.7	2121.7	1410.0	785.1	534.4	418.7	347.1	279.9	125.9
5°	4013.5	3384.6	2790.0	2181.8	1458.5	805.3	539.6	420.5	349.8	284.5	120.5
2.5°	4063.1	3424.3	2822.8	2220.2	1488.1	819.2	542.1	420.8	351.4	286.9	114.3
0°	4087.5	3442.4	2835.3	2236.6	1498.8	826.4	541.8	419.5	352.0	286.7	107.5
-2.5°	4063.1	3424.3	2822.8	2220.2	1488.1	819.2	542.1	420.8	351.4	286.9	114.3
-5°	4013.5	3384.6	2790.0	2181.8	1458.5	805.3	539.6	420.5	349.8	284.5	120.5
-7.5°	3953.7	3328.0	2737.7	2121.7	1410.0	785.1	534.4	418.7	347.1	279.9	125.9
-10°	3870.5	3252.9	2665.9	2040.3	1342.8	760.4	526.3	415.1	343.6	273.4	130.0
-12.5°	3760.3	3157.0	2572.8	1938.5	1257.9	730.5	513.5	408.9	339.2	265.3	132.6
-15°	3623.0	3040.7	2458.4	1816.7	1155.8	693.7	498.6	400.7	333.5	255.5	133.5
-17.5°	3459.6	2904.8	2322.7	1675.8	1037.0	650.2	481.6	390.9	326.8	244.4	134.2
-20°	3292.1	2744.7	2162.9	1516.6	902.2	600.0	462.6	379.4	319.3	233.0	135.5



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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°	3105.9	2560.7	1972.8	1348.7	789.4	543.2	441.9	366.2	310.9	221.7	136.2
-25°	2898.4	2358.1	1763.6	1166.9	720.8	516.6	422.6	351.4	301.7	210.7	136.5
-27.5°	2663.6	2130.6	1535.0	967.2	644.8	489.3	404.8	339.8	289.5	200.4	136.5
-30°	2408.4	1863.8	1298.0	785.2	563.7	460.5	385.1	327.5	274.1	195.6	136.1
-32.5°	2127.8	1578.2	1046.1	691.2	514.8	430.7	364.3	314.5	260.8	193.7	138.1
-35°	1800.7	1284.2	791.7	592.8	479.6	406.7	345.4	300.7	249.6	191.8	140.0
-37.5°	1456.2	979.6	680.8	518.5	443.0	381.9	329.4	286.9	240.7	189.8	140.7
-40°	1116.5	746.6	567.6	477.4	412.5	356.2	311.8	272.9	236.7	187.8	140.3
-42.5°	785.9	621.2	503.3	435.0	383.9	335.2	293.2	258.5	227.6	185.8	138.6
-45°	648.6	520.7	455.6	403.3	355.3	312.7	276.8	244.0	216.8	182.6	134.4
-47.5°	528.4	466.8	414.9	371.1	328.8	290.2	260.0	230.9	205.1	177.5	126.9
-50°	468.1	419.5	380.2	339.9	300.7	271.6	243.1	216.7	192.2	165.9	118.0
-52.5°	416.0	382.4	345.1	307.8	277.5	252.7	226.2	201.8	179.1	151.1	107.7
-55°	373.3	343.8	308.8	278.8	254.1	232.1	208.1	187.6	166.0	134.8	96.8
-57.5°	329.2	302.6	275.1	250.5	229.8	210.0	191.7	173.4	149.3	118.4	89.3
-60°	285.3	263.5	241.4	222.9	205.2	189.4	176.6	157.7	131.5	102.7	79.7
-62.5°	241.9	225.0	211.4	195.9	181.0	169.8	160.8	138.9	113.7	89.9	69.1
-65°	202.6	192.2	181.6	167.2	156.3	148.9	140.5	120.3	97.2	76.4	58.5
-67.5°	166.5	157.7	146.5	136.7	133.1	127.9	119.7	100.7	80.4	62.2	48.6
-70°	131.3	122.6	116.7	115.7	113.0	107.1	96.3	80.1	62.8	50.7	38.5
-72.5°	97.9	95.6	96.3	96.8	91.5	83.4	72.7	60.1	49.7	39.1	28.4
-75°	64.7	70.6	75.1	75.0	68.8	60.5	53.2	45.6	36.5	27.3	21.5
-77.5°	47.2	51.7	54.5	53.4	47.6	42.0	36.5	30.8	24.7	20.2	15.9
-80°	30.9	32.7	32.7	30.8	26.9	23.4	22.4	20.7	17.0	13.5	10.1
-82.5°	14.9	15.1	15.2	15.0	14.8	14.3	13.3	11.9	9.3	6.8	5.7
-85°	7.7	7.5	7.1	6.4	6.0	5.3	5.3	5.3	4.8	4.3	3.8
-87.5°	2.8	2.7	2.6	2.4	2.5	2.6	2.7	2.7	2.4	2.2	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



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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	1.4	1.1	0.8	0.5	0.3	0.0
85°	3.3	2.7	2.2	1.6	1.1	0.5	0.0
82.5°	4.9	4.1	3.3	2.5	1.6	0.8	0.0
80°	6.9	5.4	4.4	3.3	2.2	1.1	0.0
77.5°	11.6	7.5	5.4	4.1	2.7	1.4	0.0
75°	16.2	10.8	6.7	4.9	3.3	1.6	0.0
72.5°	20.7	14.1	8.9	5.7	3.8	1.9	0.0
70°	25.4	17.2	11.1	6.6	4.3	2.2	0.0
67.5°	33.2	20.2	13.1	7.8	4.8	2.4	0.0
65°	40.5	24.1	15.0	9.1	5.3	2.7	0.0
62.5°	47.2	28.9	16.9	10.2	5.8	2.9	0.0
60°	53.4	33.3	18.6	11.3	6.3	3.1	0.0
57.5°	59.6	37.2	21.2	12.3	6.9	3.4	0.0
55°	65.1	40.7	23.5	13.3	7.5	3.6	0.0
52.5°	69.9	43.8	25.6	14.1	8.1	3.8	0.0
50°	73.9	46.7	27.4	14.9	8.7	4.0	0.0
47.5°	77.6	49.1	28.9	15.7	9.3	4.3	0.0
45°	83.9	50.8	30.0	16.5	9.8	4.5	0.0
42.5°	89.1	52.0	30.9	17.1	10.3	4.6	0.0
40°	93.3	52.5	31.4	17.9	10.8	4.8	0.0
37.5°	96.4	52.5	31.6	18.8	11.3	5.0	0.0
35°	98.5	53.7	31.5	19.6	11.7	5.2	0.0
32.5°	98.9	55.2	31.1	20.3	12.1	5.3	0.0
30°	97.1	55.9	30.3	21.1	12.5	5.5	0.0
27.5°	94.4	55.9	31.1	21.7	12.9	5.6	0.0
25°	91.0	55.3	32.0	22.3	13.2	5.7	0.0
22.5°	86.8	55.3	32.9	22.9	13.5	5.8	0.0
20°	82.0	57.9	33.7	23.4	13.8	5.9	0.0
17.5°	81.2	60.2	34.5	23.8	14.0	6.0	0.0
15°	82.8	62.1	35.2	24.2	14.2	6.1	0.0
12.5°	84.3	63.8	35.9	24.5	14.4	6.2	0.0
10°	85.5	65.1	36.4	24.8	14.5	6.2	0.0
7.5°	86.6	66.2	36.9	25.0	14.7	6.2	0.0
5°	87.5	66.9	37.3	25.2	14.7	6.3	0.0
2.5°	88.1	67.4	37.7	25.3	14.8	6.3	0.0
0°	88.5	67.5	37.9	25.3	14.8	6.3	0.0
-2.5°	88.1	67.4	37.7	25.3	14.8	6.3	0.0
-5°	87.5	66.9	37.3	25.2	14.7	6.3	0.0
-7.5°	86.6	66.2	36.9	25.0	14.7	6.2	0.0
-10°	85.5	65.1	36.4	24.8	14.5	6.2	0.0
-12.5°	84.3	63.8	35.9	24.5	14.4	6.2	0.0
-15°	82.8	62.1	35.2	24.2	14.2	6.1	0.0
-17.5°	81.2	60.2	34.5	23.8	14.0	6.0	0.0
-20°	82.0	57.9	33.7	23.4	13.8	5.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	86.8	55.3	32.9	22.9	13.5	5.8	0.0
-25°	91.0	55.3	32.0	22.3	13.2	5.7	0.0
-27.5°	94.4	55.9	31.1	21.7	12.9	5.6	0.0
-30°	97.1	55.9	30.3	21.1	12.5	5.5	0.0
-32.5°	98.9	55.2	31.1	20.3	12.1	5.3	0.0
-35°	98.5	53.7	31.5	19.6	11.7	5.2	0.0
-37.5°	96.4	52.5	31.6	18.8	11.3	5.0	0.0
-40°	93.3	52.5	31.4	17.9	10.8	4.8	0.0
-42.5°	89.1	52.0	30.9	17.1	10.3	4.6	0.0
-45°	83.9	50.8	30.0	16.5	9.8	4.5	0.0
-47.5°	77.6	49.1	28.9	15.7	9.3	4.3	0.0
-50°	73.9	46.7	27.4	14.9	8.7	4.0	0.0
-52.5°	69.9	43.8	25.6	14.1	8.1	3.8	0.0
-55°	65.1	40.7	23.5	13.3	7.5	3.6	0.0
-57.5°	59.6	37.2	21.2	12.3	6.9	3.4	0.0
-60°	53.4	33.3	18.6	11.3	6.3	3.1	0.0
-62.5°	47.2	28.9	16.9	10.2	5.8	2.9	0.0
-65°	40.5	24.1	15.0	9.1	5.3	2.7	0.0
-67.5°	33.2	20.2	13.1	7.8	4.8	2.4	0.0
-70°	25.4	17.2	11.1	6.6	4.3	2.2	0.0
-72.5°	20.7	14.1	8.9	5.7	3.8	1.9	0.0
-75°	16.2	10.8	6.7	4.9	3.3	1.6	0.0
-77.5°	11.6	7.5	5.4	4.1	2.7	1.4	0.0
-80°	6.9	5.4	4.4	3.3	2.2	1.1	0.0
-82.5°	4.9	4.1	3.3	2.5	1.6	0.8	0.0
-85°	3.3	2.7	2.2	1.6	1.1	0.5	0.0
-87.5°	1.6	1.4	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)