

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: P559139 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-927-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559139 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6B-927-U-WR-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, WIDE SYMMETRICAL ROUND N6
Light Source: (96) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

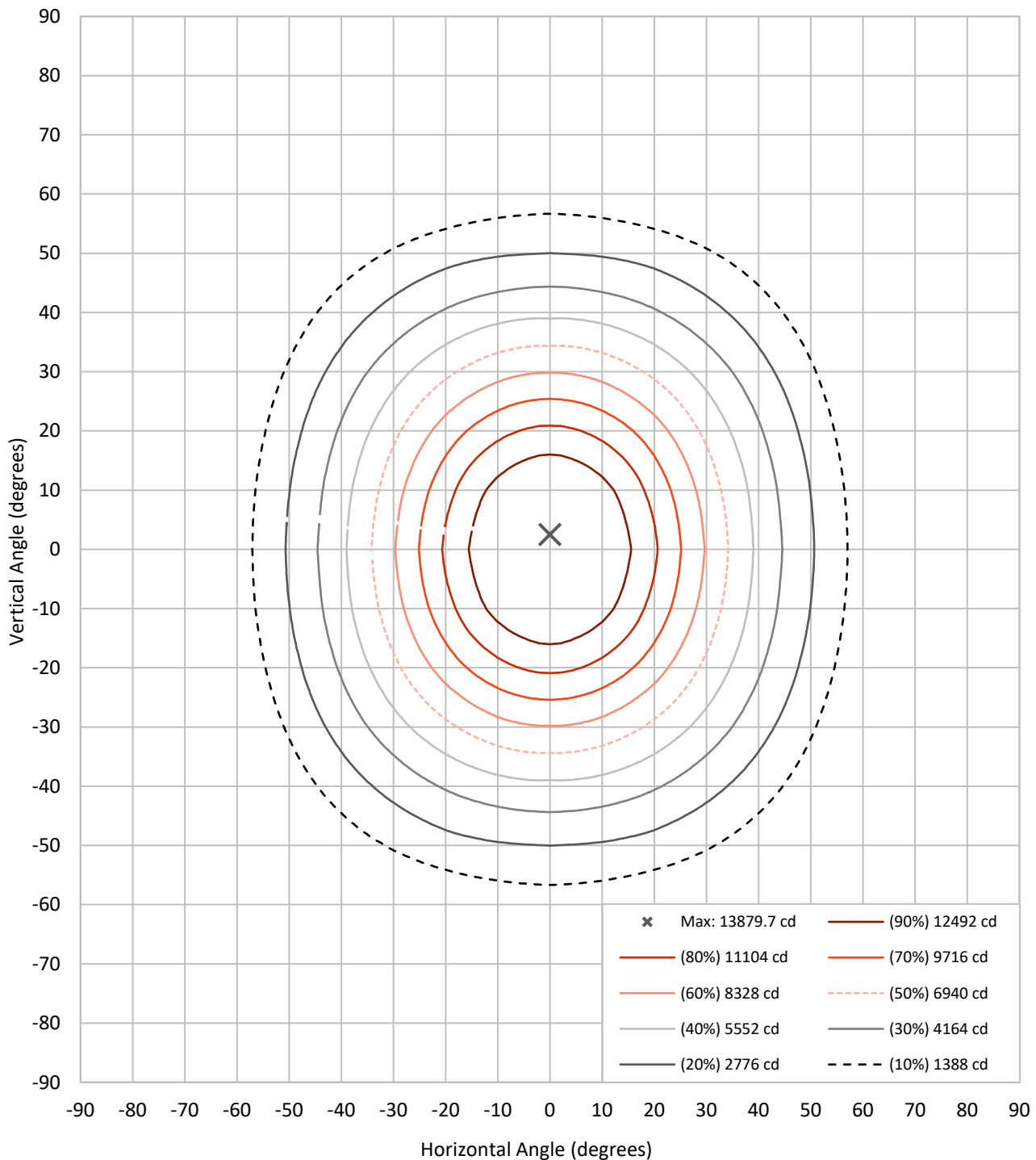
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	18784.9 lumens	Max Intensity:	13879.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	101.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	11262.9 lumens	Field Lumens:	17944.6 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 185
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P559139 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





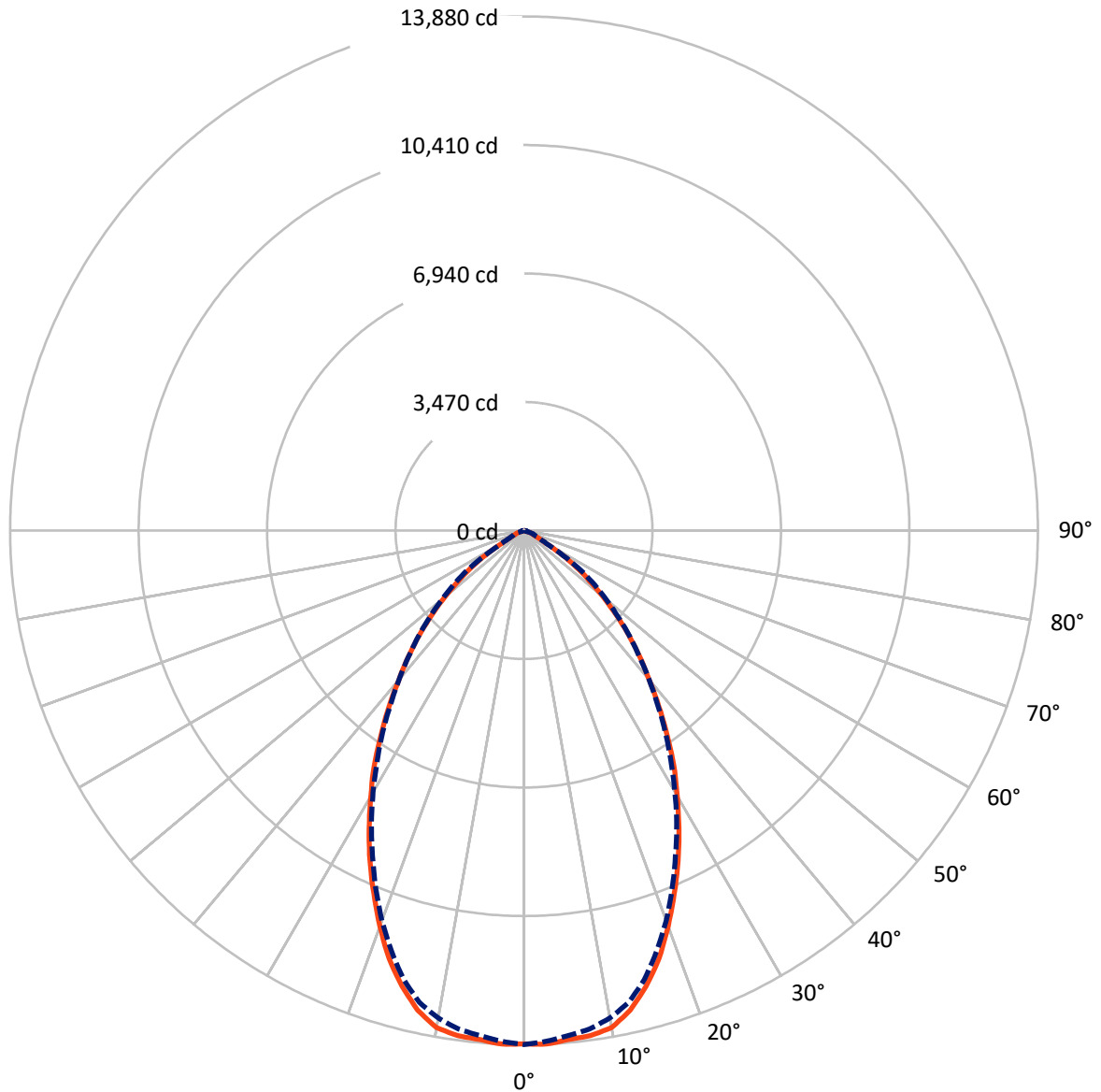
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Lumen Table

90																
80	0.2	1.8		4.5		7.8		5.5		7.8		4.5		1.8		0.2
70																
60	0.9	1.3	2.5	4.0	5.8	7.6	9.3	10.5	10.5	9.3	7.6	5.8	4.0	2.5	1.3	0.9
50		2.1	4.2	7.6	14.6	28.2	42.3	50.7	50.7	42.3	28.2	14.6	7.6	4.2	2.1	
40	1.5	2.7	6.2	18.0	47.4	78.7	104.7	119.4	119.4	104.7	78.7	47.4	18.0	6.2	2.7	1.5
30		3.3	10.6	41.5	85.0	132.7	175.9	201.7	201.7	175.9	132.7	85.0	41.5	10.6	3.3	
20	1.6	4.0	19.2	62.7	120.6	188.7	252.3	292.3	292.3	252.3	188.7	120.6	62.7	19.2	4.0	1.6
10		4.8	27.5	78.1	148.6	235.8	321.2	375.2	375.2	321.2	235.8	148.6	78.1	27.5	4.8	
0	1.7	5.2	32.0	86.3	164.4	263.5	360.8	412.5	412.5	360.8	263.5	164.4	86.3	32.0	5.2	1.7
-10		5.2	32.0	86.3	164.4	263.5	360.8	412.5	412.5	360.8	263.5	164.4	86.3	32.0	5.2	
-20	1.6	4.8	27.5	78.1	148.6	235.8	321.2	375.2	375.2	321.2	235.8	148.6	78.1	27.5	4.8	1.6
-30		4.0	19.2	62.7	120.6	188.7	252.3	292.3	292.3	252.3	188.7	120.6	62.7	19.2	4.0	
-40	1.5	3.3	10.6	41.5	85.0	132.7	175.9	201.7	201.7	175.9	132.7	85.0	41.5	10.6	3.3	1.5
-50		2.7	6.2	18.0	47.4	78.7	104.7	119.4	119.4	104.7	78.7	47.4	18.0	6.2	2.7	
-60	0.9	2.1	4.2	7.6	14.6	28.2	42.3	50.7	50.7	42.3	28.2	14.6	7.6	4.2	2.1	0.9
-70		1.3	2.5	4.0	5.8	7.6	9.3	10.5	10.5	9.3	7.6	5.8	4.0	2.5	1.3	
-80																
-90	0.2	1.8		4.5		7.8		5.5		7.8		4.5		1.8		0.2

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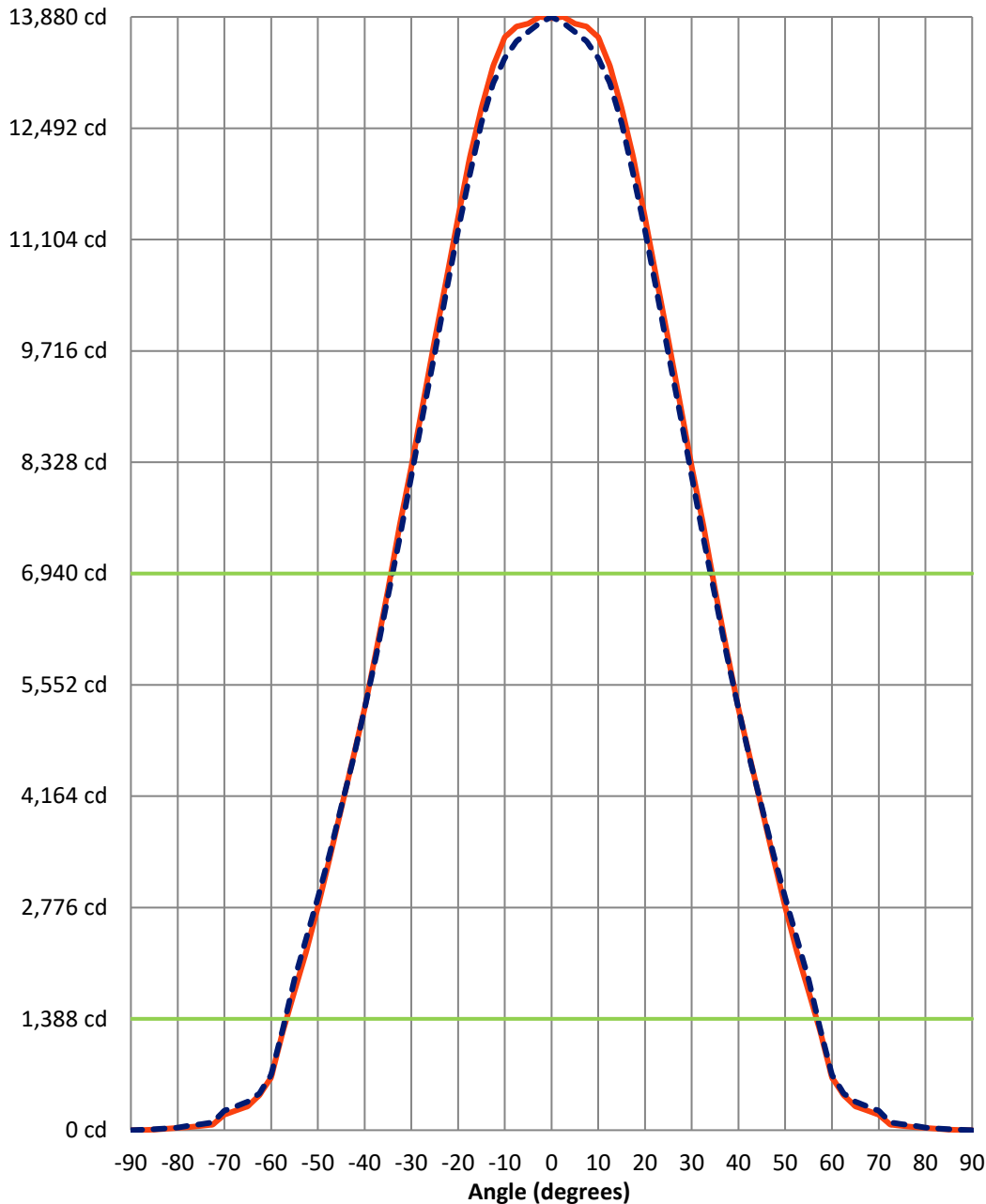
Luminous Intensity Polar Plot



— 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: 11262.9
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 17944.6
Efficiency: 95.5%

Spill:
Lumens: 840.3
Efficiency: 4.5%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.8	2.1	2.3
85°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.2	3.7	4.1	4.6
82.5°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.8	7.9	10.1
80°	0.0	0.9	1.9	2.8	3.7	4.7	5.9	8.6	11.5	14.5	17.5
77.5°	0.0	1.2	2.3	3.5	4.7	6.4	9.9	13.5	17.1	20.9	26.1
75°	0.0	1.4	2.8	4.2	5.7	9.2	13.7	18.2	23.1	30.9	38.6
72.5°	0.0	1.6	3.2	4.9	7.6	11.9	17.5	24.0	33.1	42.1	50.9
70°	0.0	1.8	3.7	5.6	9.4	14.6	21.5	32.6	42.9	53.2	67.8
67.5°	0.0	2.1	4.1	6.7	11.1	17.1	28.1	41.1	52.7	68.0	85.2
65°	0.0	2.3	4.6	7.7	12.7	20.4	34.2	49.5	64.6	82.2	101.7
62.5°	0.0	2.5	5.0	8.7	14.3	24.4	39.9	58.5	76.0	96.2	117.6
60°	0.0	2.7	5.4	9.6	15.7	28.1	45.2	67.5	86.9	111.3	133.5
57.5°	0.0	2.9	5.9	10.4	17.9	31.5	50.4	75.6	100.2	126.4	146.8
55°	0.0	3.1	6.4	11.2	19.9	34.5	55.1	81.8	114.1	140.6	158.8
52.5°	0.0	3.3	6.9	11.9	21.6	37.1	59.1	91.1	127.9	151.7	170.8
50°	0.0	3.5	7.4	12.6	23.2	39.5	62.5	99.8	140.5	162.7	183.4
47.5°	0.0	3.6	7.9	13.2	24.4	41.5	65.6	107.4	150.3	173.6	195.4
45°	0.0	3.8	8.3	13.9	25.4	43.0	70.9	113.8	154.6	183.5	206.6
42.5°	0.0	4.0	8.8	14.5	26.1	44.0	75.4	117.4	157.3	192.7	218.9
40°	0.0	4.1	9.2	15.1	26.6	44.5	78.9	118.7	159.0	200.4	231.1
37.5°	0.0	4.3	9.6	15.9	26.8	44.5	81.6	119.1	160.7	203.8	242.8
35°	0.0	4.4	9.9	16.6	26.7	45.5	83.4	118.5	162.4	211.3	254.5
32.5°	0.0	4.6	10.3	17.2	26.3	46.7	83.7	116.9	164.0	220.7	266.2
30°	0.0	4.7	10.6	17.8	25.7	47.3	82.2	115.2	165.6	232.1	277.3
27.5°	0.0	4.8	10.9	18.4	26.3	47.3	79.9	115.6	169.6	245.1	287.6
25°	0.0	4.9	11.2	18.9	27.1	46.8	77.0	115.6	178.4	255.4	297.5
22.5°	0.0	5.0	11.4	19.4	27.8	46.8	73.5	115.3	187.7	263.2	310.0
20°	0.0	5.1	11.6	19.8	28.6	49.0	69.5	114.7	197.3	270.3	321.1
17.5°	0.0	5.1	11.8	20.2	29.2	50.9	68.7	113.6	206.9	276.7	330.9
15°	0.0	5.2	12.0	20.5	29.8	52.6	70.1	113.0	216.2	282.3	339.2
12.5°	0.0	5.3	12.2	20.8	30.4	54.0	71.3	112.3	224.6	287.2	346.1
10°	0.0	5.3	12.3	21.0	30.9	55.1	72.4	110.0	231.4	290.9	351.4
7.5°	0.0	5.4	12.4	21.2	31.3	56.0	73.3	106.5	236.9	293.9	354.4
5°	0.0	5.4	12.4	21.3	31.6	56.6	74.0	102.0	240.8	296.1	355.9
2.5°	0.0	5.4	12.5	21.4	31.9	57.0	74.6	96.8	242.8	297.5	356.2
0°	0.0	5.4	12.5	21.4	32.1	57.1	74.9	91.0	242.7	298.0	355.1
-2.5°	0.0	5.4	12.5	21.4	31.9	57.0	74.6	96.8	242.8	297.5	356.2
-5°	0.0	5.4	12.4	21.3	31.6	56.6	74.0	102.0	240.8	296.1	355.9
-7.5°	0.0	5.4	12.4	21.2	31.3	56.0	73.3	106.5	236.9	293.9	354.4
-10°	0.0	5.3	12.3	21.0	30.9	55.1	72.4	110.0	231.4	290.9	351.4
-12.5°	0.0	5.3	12.2	20.8	30.4	54.0	71.3	112.3	224.6	287.2	346.1
-15°	0.0	5.2	12.0	20.5	29.8	52.6	70.1	113.0	216.2	282.3	339.2
-17.5°	0.0	5.1	11.8	20.2	29.2	50.9	68.7	113.6	206.9	276.7	330.9
-20°	0.0	5.1	11.6	19.8	28.6	49.0	69.5	114.7	197.3	270.3	321.1



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 CATALOG NUMBER: GFLD-SA6B-927-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	5.0	11.4	19.4	27.8	46.8	73.5	115.3	187.7	263.2	310.0
-25°	0.0	4.9	11.2	18.9	27.1	46.8	77.0	115.6	178.4	255.4	297.5
-27.5°	0.0	4.8	10.9	18.4	26.3	47.3	79.9	115.6	169.6	245.1	287.6
-30°	0.0	4.7	10.6	17.8	25.7	47.3	82.2	115.2	165.6	232.1	277.3
-32.5°	0.0	4.6	10.3	17.2	26.3	46.7	83.7	116.9	164.0	220.7	266.2
-35°	0.0	4.4	9.9	16.6	26.7	45.5	83.4	118.5	162.4	211.3	254.5
-37.5°	0.0	4.3	9.6	15.9	26.8	44.5	81.6	119.1	160.7	203.8	242.8
-40°	0.0	4.1	9.2	15.1	26.6	44.5	78.9	118.7	159.0	200.4	231.1
-42.5°	0.0	4.0	8.8	14.5	26.1	44.0	75.4	117.4	157.3	192.7	218.9
-45°	0.0	3.8	8.3	13.9	25.4	43.0	70.9	113.8	154.6	183.5	206.6
-47.5°	0.0	3.6	7.9	13.2	24.4	41.5	65.6	107.4	150.3	173.6	195.4
-50°	0.0	3.5	7.4	12.6	23.2	39.5	62.5	99.8	140.5	162.7	183.4
-52.5°	0.0	3.3	6.9	11.9	21.6	37.1	59.1	91.1	127.9	151.7	170.8
-55°	0.0	3.1	6.4	11.2	19.9	34.5	55.1	81.8	114.1	140.6	158.8
-57.5°	0.0	2.9	5.9	10.4	17.9	31.5	50.4	75.6	100.2	126.4	146.8
-60°	0.0	2.7	5.4	9.6	15.7	28.1	45.2	67.5	86.9	111.3	133.5
-62.5°	0.0	2.5	5.0	8.7	14.3	24.4	39.9	58.5	76.0	96.2	117.6
-65°	0.0	2.3	4.6	7.7	12.7	20.4	34.2	49.5	64.6	82.2	101.7
-67.5°	0.0	2.1	4.1	6.7	11.1	17.1	28.1	41.1	52.7	68.0	85.2
-70°	0.0	1.8	3.7	5.6	9.4	14.6	21.5	32.6	42.9	53.2	67.8
-72.5°	0.0	1.6	3.2	4.9	7.6	11.9	17.5	24.0	33.1	42.1	50.9
-75°	0.0	1.4	2.8	4.2	5.7	9.2	13.7	18.2	23.1	30.9	38.6
-77.5°	0.0	1.2	2.3	3.5	4.7	6.4	9.9	13.5	17.1	20.9	26.1
-80°	0.0	0.9	1.9	2.8	3.7	4.7	5.9	8.6	11.5	14.5	17.5
-82.5°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.8	7.9	10.1
-85°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.2	3.7	4.1	4.6
-87.5°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.8	2.1	2.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.3	2.3	2.2	2.1	2.2	2.3	2.4	2.5	2.3	2.1	1.8
85°	4.6	4.5	5.1	5.5	6.0	6.4	6.6	6.6	7.3	8.4	9.5
82.5°	11.3	12.1	12.6	12.7	12.9	12.8	12.6	12.6	15.5	19.2	23.4
80°	19.0	19.8	22.8	26.1	27.7	27.7	26.2	23.4	27.7	34.6	42.9
77.5°	30.9	35.5	40.3	45.3	46.2	43.8	40.0	34.7	40.9	53.2	67.1
75°	45.0	51.2	58.2	63.5	63.6	59.8	54.8	53.7	64.1	79.0	91.3
72.5°	61.5	70.6	77.4	81.9	81.5	80.9	82.8	87.2	95.8	106.7	116.1
70°	81.5	90.6	95.6	97.9	98.8	103.8	111.1	116.7	122.8	133.5	143.4
67.5°	101.3	108.3	112.6	115.7	124.0	133.5	140.9	147.7	155.1	166.1	175.2
65°	118.9	126.0	132.3	141.5	153.6	162.6	171.5	180.6	193.6	205.9	213.3
62.5°	136.2	143.7	153.2	165.8	179.0	190.4	204.8	221.0	237.9	250.5	264.9
60°	149.5	160.3	173.7	188.7	204.4	223.1	241.5	260.4	277.8	294.6	315.9
57.5°	162.3	177.7	194.5	212.1	232.9	256.2	278.6	299.1	320.9	344.5	368.4
55°	176.2	196.4	215.1	236.0	261.4	291.0	315.9	340.2	366.3	405.9	440.5
52.5°	191.4	213.8	234.9	260.6	292.0	323.6	352.1	386.0	429.7	488.5	583.9
50°	205.8	229.9	254.5	287.6	321.7	355.0	396.2	443.5	530.9	640.6	832.6
47.5°	220.1	245.7	278.3	314.1	351.2	395.1	447.2	550.7	669.9	943.0	1215.1
45°	234.3	264.7	300.7	341.3	385.6	440.7	548.9	676.5	1001.0	1315.1	1642.3
42.5°	248.2	283.7	324.9	368.2	426.0	525.8	665.2	1002.3	1353.5	1714.3	2028.4
40°	264.0	301.5	349.2	404.1	480.5	632.0	945.0	1324.6	1720.4	2061.2	2366.8
37.5°	278.8	323.2	375.0	438.9	576.2	829.1	1232.5	1653.4	2036.8	2369.8	2696.2
35°	292.4	344.3	406.0	501.8	670.1	1086.9	1524.1	1952.2	2318.6	2674.2	3031.3
32.5°	308.4	364.6	435.7	585.1	885.4	1335.8	1801.0	2208.9	2592.6	2971.8	3379.6
30°	326.0	389.8	477.1	664.6	1098.6	1577.5	2038.5	2455.1	2853.0	3274.1	3710.9
27.5°	342.7	414.1	545.7	818.6	1299.2	1803.3	2254.5	2683.3	3110.3	3558.8	4029.1
25°	357.7	437.3	610.1	987.6	1492.7	1995.9	2453.3	2889.7	3350.7	3838.1	4333.0
22.5°	374.0	459.7	668.1	1141.5	1669.7	2167.4	2628.9	3091.5	3579.5	4096.1	4612.4
20°	391.6	507.8	763.6	1283.6	1830.6	2323.2	2786.4	3279.0	3793.6	4328.6	4873.9
17.5°	407.6	550.3	877.7	1418.4	1965.9	2458.6	2928.2	3448.9	3979.8	4539.1	5113.4
15°	422.0	587.1	978.2	1537.6	2080.8	2573.7	3066.5	3599.7	4145.3	4727.8	5324.3
12.5°	434.6	618.3	1064.7	1640.7	2177.6	2672.1	3182.7	3726.8	4292.7	4892.7	5514.4
10°	445.4	643.6	1136.5	1726.9	2256.4	2753.3	3276.0	3832.7	4410.1	5025.6	5667.6
7.5°	452.3	664.5	1193.4	1795.7	2317.2	2816.8	3346.4	3916.0	4495.9	5129.3	5783.5
5°	456.7	681.6	1234.5	1846.6	2361.5	2864.7	3397.1	3976.0	4551.0	5202.0	5861.5
2.5°	458.8	693.3	1259.5	1879.2	2389.2	2898.4	3439.1	4028.4	4609.0	5253.8	5921.9
0°	458.6	699.4	1268.6	1893.1	2399.8	2913.7	3459.7	4055.6	4646.2	5276.0	5963.0
-2.5°	458.8	693.3	1259.5	1879.2	2389.2	2898.4	3439.1	4028.4	4609.0	5253.8	5921.9
-5°	456.7	681.6	1234.5	1846.6	2361.5	2864.7	3397.1	3976.0	4551.0	5202.0	5861.5
-7.5°	452.3	664.5	1193.4	1795.7	2317.2	2816.8	3346.4	3916.0	4495.9	5129.3	5783.5
-10°	445.4	643.6	1136.5	1726.9	2256.4	2753.3	3276.0	3832.7	4410.1	5025.6	5667.6
-12.5°	434.6	618.3	1064.7	1640.7	2177.6	2672.1	3182.7	3726.8	4292.7	4892.7	5514.4
-15°	422.0	587.1	978.2	1537.6	2080.8	2573.7	3066.5	3599.7	4145.3	4727.8	5324.3
-17.5°	407.6	550.3	877.7	1418.4	1965.9	2458.6	2928.2	3448.9	3979.8	4539.1	5113.4
-20°	391.6	507.8	763.6	1283.6	1830.6	2323.2	2786.4	3279.0	3793.6	4328.6	4873.9



REPORT NUMBER: P559139 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-927-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°	374.0	459.7	668.1	1141.5	1669.7	2167.4	2628.9	3091.5	3579.5	4096.1	4612.4
-25°	357.7	437.3	610.1	987.6	1492.7	1995.9	2453.3	2889.7	3350.7	3838.1	4333.0
-27.5°	342.7	414.1	545.7	818.6	1299.2	1803.3	2254.5	2683.3	3110.3	3558.8	4029.1
-30°	326.0	389.8	477.1	664.6	1098.6	1577.5	2038.5	2455.1	2853.0	3274.1	3710.9
-32.5°	308.4	364.6	435.7	585.1	885.4	1335.8	1801.0	2208.9	2592.6	2971.8	3379.6
-35°	292.4	344.3	406.0	501.8	670.1	1086.9	1524.1	1952.2	2318.6	2674.2	3031.3
-37.5°	278.8	323.2	375.0	438.9	576.2	829.1	1232.5	1653.4	2036.8	2369.8	2696.2
-40°	264.0	301.5	349.2	404.1	480.5	632.0	945.0	1324.6	1720.4	2061.2	2366.8
-42.5°	248.2	283.7	324.9	368.2	426.0	525.8	665.2	1002.3	1353.5	1714.3	2028.4
-45°	234.3	264.7	300.7	341.3	385.6	440.7	548.9	676.5	1001.0	1315.1	1642.3
-47.5°	220.1	245.7	278.3	314.1	351.2	395.1	447.2	550.7	669.9	943.0	1215.1
-50°	205.8	229.9	254.5	287.6	321.7	355.0	396.2	443.5	530.9	640.6	832.6
-52.5°	191.4	213.8	234.9	260.6	292.0	323.6	352.1	386.0	429.7	488.5	583.9
-55°	176.2	196.4	215.1	236.0	261.4	291.0	315.9	340.2	366.3	405.9	440.5
-57.5°	162.3	177.7	194.5	212.1	232.9	256.2	278.6	299.1	320.9	344.5	368.4
-60°	149.5	160.3	173.7	188.7	204.4	223.1	241.5	260.4	277.8	294.6	315.9
-62.5°	136.2	143.7	153.2	165.8	179.0	190.4	204.8	221.0	237.9	250.5	264.9
-65°	118.9	126.0	132.3	141.5	153.6	162.6	171.5	180.6	193.6	205.9	213.3
-67.5°	101.3	108.3	112.6	115.7	124.0	133.5	140.9	147.7	155.1	166.1	175.2
-70°	81.5	90.6	95.6	97.9	98.8	103.8	111.1	116.7	122.8	133.5	143.4
-72.5°	61.5	70.6	77.4	81.9	81.5	80.9	82.8	87.2	95.8	106.7	116.1
-75°	45.0	51.2	58.2	63.5	63.6	59.8	54.8	53.7	64.1	79.0	91.3
-77.5°	30.9	35.5	40.3	45.3	46.2	43.8	40.0	34.7	40.9	53.2	67.1
-80°	19.0	19.8	22.8	26.1	27.7	27.7	26.2	23.4	27.7	34.6	42.9
-82.5°	11.3	12.1	12.6	12.7	12.9	12.8	12.6	12.6	15.5	19.2	23.4
-85°	4.6	4.5	5.1	5.5	6.0	6.4	6.6	6.6	7.3	8.4	9.5
-87.5°	2.3	2.3	2.2	2.1	2.2	2.3	2.4	2.5	2.3	2.1	1.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559139 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-927-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°	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.8
85°	10.9	10.7	10.3	9.8	9.1	9.3	9.6	9.9	10.1	9.4	8.7
82.5°	28.0	30.1	32.0	34.1	36.3	36.0	35.0	33.5	31.7	28.2	24.4
80°	52.4	57.3	60.6	63.3	65.3	63.3	60.3	56.7	52.8	46.9	40.5
77.5°	81.4	86.4	88.9	92.0	95.4	96.1	96.3	96.6	97.0	86.0	72.1
75°	101.1	107.6	113.0	117.8	121.9	124.0	125.4	126.7	128.0	113.5	94.5
72.5°	124.3	130.6	135.7	140.9	145.4	148.9	151.6	153.8	155.6	143.8	127.2
70°	151.3	157.7	163.5	168.9	174.1	178.8	183.0	187.0	190.6	191.2	192.1
67.5°	181.9	185.7	192.7	199.4	207.4	213.3	219.8	225.9	231.5	236.3	240.3
65°	219.8	233.3	246.9	253.6	254.2	262.7	276.0	283.4	285.6	287.3	291.5
62.5°	283.4	300.8	309.9	321.9	338.3	356.2	363.0	372.9	384.9	398.4	410.7
60°	333.9	348.7	370.8	393.2	413.2	431.3	475.3	514.4	547.9	576.7	604.5
57.5°	396.6	421.0	454.8	515.6	571.2	621.5	707.5	812.5	906.1	988.0	1059.9
55°	496.5	567.6	631.7	775.2	928.6	1061.4	1185.7	1318.7	1426.9	1511.5	1589.7
52.5°	666.9	862.4	1060.6	1247.0	1430.4	1597.2	1746.9	1864.8	1956.8	2025.8	2091.2
50°	1067.6	1303.3	1544.7	1767.1	1947.1	2111.6	2267.5	2384.4	2482.2	2566.4	2641.0
47.5°	1504.5	1780.4	2008.5	2213.6	2407.7	2590.2	2760.7	2903.0	3023.4	3134.6	3227.1
45°	1939.3	2186.0	2420.0	2639.9	2851.1	3055.7	3239.1	3400.9	3560.3	3692.1	3796.3
42.5°	2306.9	2568.1	2817.0	3068.7	3304.8	3534.3	3755.9	3952.7	4122.0	4266.0	4381.8
40°	2659.7	2941.4	3237.0	3516.5	3796.9	4058.7	4304.2	4528.8	4721.7	4892.1	5036.3
37.5°	3018.8	3347.7	3672.5	3991.0	4299.9	4584.7	4866.4	5125.6	5351.6	5551.0	5718.5
35°	3397.8	3760.3	4113.7	4472.6	4809.9	5139.5	5450.9	5736.2	5986.5	6221.4	6423.4
32.5°	3777.5	4170.3	4568.2	4956.5	5330.2	5699.4	6040.9	6362.5	6658.4	6918.4	7134.0
30°	4147.2	4579.6	5005.4	5428.5	5855.0	6257.1	6635.4	6988.7	7309.7	7592.9	7837.9
27.5°	4501.9	4966.8	5423.4	5907.3	6370.8	6808.3	7219.2	7599.0	7957.4	8279.5	8557.5
25°	4830.2	5324.0	5856.2	6363.7	6859.7	7344.8	7795.1	8207.7	8617.4	8971.8	9273.7
22.5°	5140.4	5691.3	6251.6	6784.0	7331.1	7864.7	8368.7	8846.8	9284.4	9655.8	9977.7
20°	5435.2	6028.1	6605.5	7194.9	7787.4	8363.0	8918.1	9429.0	9891.4	10296.1	10659.1
17.5°	5713.8	6327.3	6940.9	7570.2	8210.1	8815.2	9403.3	9959.2	10463.9	10912.9	11322.2
15°	5954.7	6588.6	7245.6	7914.5	8583.8	9227.3	9851.4	10456.9	11024.8	11513.5	11926.3
12.5°	6159.4	6819.8	7514.9	8216.6	8922.2	9596.7	10258.2	10906.1	11509.7	12035.2	12458.9
10°	6329.3	7021.2	7747.2	8478.2	9201.8	9902.6	10590.6	11261.0	11909.3	12453.9	12889.2
7.5°	6470.8	7189.3	7932.1	8685.1	9415.2	10143.0	10860.5	11537.8	12176.5	12750.8	13198.1
5°	6576.6	7307.1	8065.5	8837.2	9578.6	10332.4	11071.1	11764.3	12396.6	12917.1	13282.2
2.5°	6655.3	7380.4	8152.1	8929.0	9680.2	10461.1	11215.7	11909.5	12556.7	13049.3	13365.5
0°	6708.8	7420.7	8230.8	8992.6	9756.3	10557.4	11303.2	12004.5	12653.9	13135.7	13462.2
-2.5°	6655.3	7380.4	8152.1	8929.0	9680.2	10461.1	11215.7	11909.5	12556.7	13049.3	13365.5
-5°	6576.6	7307.1	8065.5	8837.2	9578.6	10332.4	11071.1	11764.3	12396.6	12917.1	13282.2
-7.5°	6470.8	7189.3	7932.1	8685.1	9415.2	10143.0	10860.5	11537.8	12176.5	12750.8	13198.1
-10°	6329.3	7021.2	7747.2	8478.2	9201.8	9902.6	10590.6	11261.0	11909.3	12453.9	12889.2
-12.5°	6159.4	6819.8	7514.9	8216.6	8922.2	9596.7	10258.2	10906.1	11509.7	12035.2	12458.9
-15°	5954.7	6588.6	7245.6	7914.5	8583.8	9227.3	9851.4	10456.9	11024.8	11513.5	11926.3
-17.5°	5713.8	6327.3	6940.9	7570.2	8210.1	8815.2	9403.3	9959.2	10463.9	10912.9	11322.2
-20°	5435.2	6028.1	6605.5	7194.9	7787.4	8363.0	8918.1	9429.0	9891.4	10296.1	10659.1



REPORT NUMBER: P559139 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5140.4	5691.3	6251.6	6784.0	7331.1	7864.7	8368.7	8846.8	9284.4	9655.8	9977.7
-25°	4830.2	5324.0	5856.2	6363.7	6859.7	7344.8	7795.1	8207.7	8617.4	8971.8	9273.7
-27.5°	4501.9	4966.8	5423.4	5907.3	6370.8	6808.3	7219.2	7599.0	7957.4	8279.5	8557.5
-30°	4147.2	4579.6	5005.4	5428.5	5855.0	6257.1	6635.4	6988.7	7309.7	7592.9	7837.9
-32.5°	3777.5	4170.3	4568.2	4956.5	5330.2	5699.4	6040.9	6362.5	6658.4	6918.4	7134.0
-35°	3397.8	3760.3	4113.7	4472.6	4809.9	5139.5	5450.9	5736.2	5986.5	6221.4	6423.4
-37.5°	3018.8	3347.7	3672.5	3991.0	4299.9	4584.7	4866.4	5125.6	5351.6	5551.0	5718.5
-40°	2659.7	2941.4	3237.0	3516.5	3796.9	4058.7	4304.2	4528.8	4721.7	4892.1	5036.3
-42.5°	2306.9	2568.1	2817.0	3068.7	3304.8	3534.3	3755.9	3952.7	4122.0	4266.0	4381.8
-45°	1939.3	2186.0	2420.0	2639.9	2851.1	3055.7	3239.1	3400.9	3560.3	3692.1	3796.3
-47.5°	1504.5	1780.4	2008.5	2213.6	2407.7	2590.2	2760.7	2903.0	3023.4	3134.6	3227.1
-50°	1067.6	1303.3	1544.7	1767.1	1947.1	2111.6	2267.5	2384.4	2482.2	2566.4	2641.0
-52.5°	666.9	862.4	1060.6	1247.0	1430.4	1597.2	1746.9	1864.8	1956.8	2025.8	2091.2
-55°	496.5	567.6	631.7	775.2	928.6	1061.4	1185.7	1318.7	1426.9	1511.5	1589.7
-57.5°	396.6	421.0	454.8	515.6	571.2	621.5	707.5	812.5	906.1	988.0	1059.9
-60°	333.9	348.7	370.8	393.2	413.2	431.3	475.3	514.4	547.9	576.7	604.5
-62.5°	283.4	300.8	309.9	321.9	338.3	356.2	363.0	372.9	384.9	398.4	410.7
-65°	219.8	233.3	246.9	253.6	254.2	262.7	276.0	283.4	285.6	287.3	291.5
-67.5°	181.9	185.7	192.7	199.4	207.4	213.3	219.8	225.9	231.5	236.3	240.3
-70°	151.3	157.7	163.5	168.9	174.1	178.8	183.0	187.0	190.6	191.2	192.1
-72.5°	124.3	130.6	135.7	140.9	145.4	148.9	151.6	153.8	155.6	143.8	127.2
-75°	101.1	107.6	113.0	117.8	121.9	124.0	125.4	126.7	128.0	113.5	94.5
-77.5°	81.4	86.4	88.9	92.0	95.4	96.1	96.3	96.6	97.0	86.0	72.1
-80°	52.4	57.3	60.6	63.3	65.3	63.3	60.3	56.7	52.8	46.9	40.5
-82.5°	28.0	30.1	32.0	34.1	36.3	36.0	35.0	33.5	31.7	28.2	24.4
-85°	10.9	10.7	10.3	9.8	9.1	9.3	9.6	9.9	10.1	9.4	8.7
-87.5°	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559139 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-927-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°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7
85°	7.9	7.1	7.1	7.1	7.1	7.1	7.9	8.7	9.4	10.1	9.9
82.5°	20.3	16.1	16.9	17.8	16.9	16.1	20.3	24.4	28.2	31.7	33.5
80°	33.8	26.9	27.6	28.5	27.6	26.9	33.8	40.5	46.9	52.8	56.7
77.5°	57.2	41.5	40.1	39.3	40.1	41.5	57.2	72.1	86.0	97.0	96.6
75°	74.8	54.6	53.4	53.5	53.4	54.6	74.8	94.5	113.5	128.0	126.7
72.5°	110.5	93.4	81.6	69.6	81.6	93.4	110.5	127.2	143.8	155.6	153.8
70°	194.1	196.5	195.6	192.7	195.6	196.5	194.1	192.1	191.2	190.6	187.0
67.5°	243.6	246.2	246.7	246.2	246.7	246.2	243.6	240.3	236.3	231.5	225.9
65°	294.4	296.1	297.5	298.0	297.5	296.1	294.4	291.5	287.3	285.6	283.4
62.5°	419.9	426.1	432.6	437.1	432.6	426.1	419.9	410.7	398.4	384.9	372.9
60°	628.7	648.7	657.6	658.4	657.6	648.7	628.7	604.5	576.7	547.9	514.4
57.5°	1117.5	1160.5	1198.9	1227.6	1198.9	1160.5	1117.5	1059.9	988.0	906.1	812.5
55°	1652.1	1697.9	1723.8	1730.7	1723.8	1697.9	1652.1	1589.7	1511.5	1426.9	1318.7
52.5°	2140.8	2171.3	2200.1	2225.0	2200.1	2171.3	2140.8	2091.2	2025.8	1956.8	1864.8
50°	2697.2	2731.1	2759.7	2781.7	2759.7	2731.1	2697.2	2641.0	2566.4	2482.2	2384.4
47.5°	3292.0	3333.5	3364.1	3384.7	3364.1	3333.5	3292.0	3227.1	3134.6	3023.4	2903.0
45°	3885.5	3956.6	3999.9	4007.4	3999.9	3956.6	3885.5	3796.3	3692.1	3560.3	3400.9
42.5°	4482.0	4550.2	4596.2	4630.1	4596.2	4550.2	4482.0	4381.8	4266.0	4122.0	3952.7
40°	5156.6	5242.2	5281.5	5256.4	5281.5	5242.2	5156.6	5036.3	4892.1	4721.7	4528.8
37.5°	5847.6	5935.7	5981.1	5979.0	5981.1	5935.7	5847.6	5718.5	5551.0	5351.6	5125.6
35°	6580.4	6689.6	6748.7	6733.8	6748.7	6689.6	6580.4	6423.4	6221.4	5986.5	5736.2
32.5°	7306.3	7438.2	7523.5	7536.7	7523.5	7438.2	7306.3	7134.0	6918.4	6658.4	6362.5
30°	8034.3	8176.9	8261.7	8270.0	8261.7	8176.9	8034.3	7837.9	7592.9	7309.7	6988.7
27.5°	8790.9	8950.5	9039.2	9060.4	9039.2	8950.5	8790.9	8557.5	8279.5	7957.4	7599.0
25°	9531.1	9708.2	9810.0	9849.1	9810.0	9708.2	9531.1	9273.7	8971.8	8617.4	8207.7
22.5°	10244.9	10439.2	10571.8	10605.6	10571.8	10439.2	10244.9	9977.7	9655.8	9284.4	8846.8
20°	10960.8	11190.0	11359.6	11376.4	11359.6	11190.0	10960.8	10659.1	10296.1	9891.4	9429.0
17.5°	11650.0	11898.0	12079.6	12124.0	12079.6	11898.0	11650.0	11322.2	10912.9	10463.9	9959.2
15°	12267.1	12527.4	12702.8	12741.4	12702.8	12527.4	12267.1	11926.3	11513.5	11024.8	10456.9
12.5°	12799.6	13039.6	13203.3	13265.9	13203.3	13039.6	12799.6	12458.9	12035.2	11509.7	10906.1
10°	13228.6	13414.0	13560.4	13626.3	13560.4	13414.0	13228.6	12889.2	12453.9	11909.3	11261.0
7.5°	13468.1	13620.6	13721.9	13758.4	13721.9	13620.6	13468.1	13198.1	12750.8	12176.5	11537.8
5°	13562.8	13708.9	13763.8	13795.9	13763.8	13708.9	13562.8	13282.2	12917.1	12396.6	11764.3
2.5°	13575.7	13692.7	13805.5	13879.7	13805.5	13692.7	13575.7	13365.5	13049.3	12556.7	11909.5
0°	13651.3	13765.5	13828.0	13863.7	13828.0	13765.5	13651.3	13462.2	13135.7	12653.9	12004.5
-2.5°	13575.7	13692.7	13805.5	13879.7	13805.5	13692.7	13575.7	13365.5	13049.3	12556.7	11909.5
-5°	13562.8	13708.9	13763.8	13795.9	13763.8	13708.9	13562.8	13282.2	12917.1	12396.6	11764.3
-7.5°	13468.1	13620.6	13721.9	13758.4	13721.9	13620.6	13468.1	13198.1	12750.8	12176.5	11537.8
-10°	13228.6	13414.0	13560.4	13626.3	13560.4	13414.0	13228.6	12889.2	12453.9	11909.3	11261.0
-12.5°	12799.6	13039.6	13203.3	13265.9	13203.3	13039.6	12799.6	12458.9	12035.2	11509.7	10906.1
-15°	12267.1	12527.4	12702.8	12741.4	12702.8	12527.4	12267.1	11926.3	11513.5	11024.8	10456.9
-17.5°	11650.0	11898.0	12079.6	12124.0	12079.6	11898.0	11650.0	11322.2	10912.9	10463.9	9959.2
-20°	10960.8	11190.0	11359.6	11376.4	11359.6	11190.0	10960.8	10659.1	10296.1	9891.4	9429.0



REPORT NUMBER: P559139 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-927-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°	10244.9	10439.2	10571.8	10605.6	10571.8	10439.2	10244.9	9977.7	9655.8	9284.4	8846.8
-25°	9531.1	9708.2	9810.0	9849.1	9810.0	9708.2	9531.1	9273.7	8971.8	8617.4	8207.7
-27.5°	8790.9	8950.5	9039.2	9060.4	9039.2	8950.5	8790.9	8557.5	8279.5	7957.4	7599.0
-30°	8034.3	8176.9	8261.7	8270.0	8261.7	8176.9	8034.3	7837.9	7592.9	7309.7	6988.7
-32.5°	7306.3	7438.2	7523.5	7536.7	7523.5	7438.2	7306.3	7134.0	6918.4	6658.4	6362.5
-35°	6580.4	6689.6	6748.7	6733.8	6748.7	6689.6	6580.4	6423.4	6221.4	5986.5	5736.2
-37.5°	5847.6	5935.7	5981.1	5979.0	5981.1	5935.7	5847.6	5718.5	5551.0	5351.6	5125.6
-40°	5156.6	5242.2	5281.5	5256.4	5281.5	5242.2	5156.6	5036.3	4892.1	4721.7	4528.8
-42.5°	4482.0	4550.2	4596.2	4630.1	4596.2	4550.2	4482.0	4381.8	4266.0	4122.0	3952.7
-45°	3885.5	3956.6	3999.9	4007.4	3999.9	3956.6	3885.5	3796.3	3692.1	3560.3	3400.9
-47.5°	3292.0	3333.5	3364.1	3384.7	3364.1	3333.5	3292.0	3227.1	3134.6	3023.4	2903.0
-50°	2697.2	2731.1	2759.7	2781.7	2759.7	2731.1	2697.2	2641.0	2566.4	2482.2	2384.4
-52.5°	2140.8	2171.3	2200.1	2225.0	2200.1	2171.3	2140.8	2091.2	2025.8	1956.8	1864.8
-55°	1652.1	1697.9	1723.8	1730.7	1723.8	1697.9	1652.1	1589.7	1511.5	1426.9	1318.7
-57.5°	1117.5	1160.5	1198.9	1227.6	1198.9	1160.5	1117.5	1059.9	988.0	906.1	812.5
-60°	628.7	648.7	657.6	658.4	657.6	648.7	628.7	604.5	576.7	547.9	514.4
-62.5°	419.9	426.1	432.6	437.1	432.6	426.1	419.9	410.7	398.4	384.9	372.9
-65°	294.4	296.1	297.5	298.0	297.5	296.1	294.4	291.5	287.3	285.6	283.4
-67.5°	243.6	246.2	246.7	246.2	246.7	246.2	243.6	240.3	236.3	231.5	225.9
-70°	194.1	196.5	195.6	192.7	195.6	196.5	194.1	192.1	191.2	190.6	187.0
-72.5°	110.5	93.4	81.6	69.6	81.6	93.4	110.5	127.2	143.8	155.6	153.8
-75°	74.8	54.6	53.4	53.5	53.4	54.6	74.8	94.5	113.5	128.0	126.7
-77.5°	57.2	41.5	40.1	39.3	40.1	41.5	57.2	72.1	86.0	97.0	96.6
-80°	33.8	26.9	27.6	28.5	27.6	26.9	33.8	40.5	46.9	52.8	56.7
-82.5°	20.3	16.1	16.9	17.8	16.9	16.1	20.3	24.4	28.2	31.7	33.5
-85°	7.9	7.1	7.1	7.1	7.1	7.1	7.9	8.7	9.4	10.1	9.9
-87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559139 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.8	2.1	2.3	2.5
85°	9.6	9.3	9.1	9.8	10.3	10.7	10.9	9.5	8.4	7.3	6.6
82.5°	35.0	36.0	36.3	34.1	32.0	30.1	28.0	23.4	19.2	15.5	12.6
80°	60.3	63.3	65.3	63.3	60.6	57.3	52.4	42.9	34.6	27.7	23.4
77.5°	96.3	96.1	95.4	92.0	88.9	86.4	81.4	67.1	53.2	40.9	34.7
75°	125.4	124.0	121.9	117.8	113.0	107.6	101.1	91.3	79.0	64.1	53.7
72.5°	151.6	148.9	145.4	140.9	135.7	130.6	124.3	116.1	106.7	95.8	87.2
70°	183.0	178.8	174.1	168.9	163.5	157.7	151.3	143.4	133.5	122.8	116.7
67.5°	219.8	213.3	207.4	199.4	192.7	185.7	181.9	175.2	166.1	155.1	147.7
65°	276.0	262.7	254.2	253.6	246.9	233.3	219.8	213.3	205.9	193.6	180.6
62.5°	363.0	356.2	338.3	321.9	309.9	300.8	283.4	264.9	250.5	237.9	221.0
60°	475.3	431.3	413.2	393.2	370.8	348.7	333.9	315.9	294.6	277.8	260.4
57.5°	707.5	621.5	571.2	515.6	454.8	421.0	396.6	368.4	344.5	320.9	299.1
55°	1185.7	1061.4	928.6	775.2	631.7	567.6	496.5	440.5	405.9	366.3	340.2
52.5°	1746.9	1597.2	1430.4	1247.0	1060.6	862.4	666.9	583.9	488.5	429.7	386.0
50°	2267.5	2111.6	1947.1	1767.1	1544.7	1303.3	1067.6	832.6	640.6	530.9	443.5
47.5°	2760.7	2590.2	2407.7	2213.6	2008.5	1780.4	1504.5	1215.1	943.0	669.9	550.7
45°	3239.1	3055.7	2851.1	2639.9	2420.0	2186.0	1939.3	1642.3	1315.1	1001.0	676.5
42.5°	3755.9	3534.3	3304.8	3068.7	2817.0	2568.1	2306.9	2028.4	1714.3	1353.5	1002.3
40°	4304.2	4058.7	3796.9	3516.5	3237.0	2941.4	2659.7	2366.8	2061.2	1720.4	1324.6
37.5°	4866.4	4584.7	4299.9	3991.0	3672.5	3347.7	3018.8	2696.2	2369.8	2036.8	1653.4
35°	5450.9	5139.5	4809.9	4472.6	4113.7	3760.3	3397.8	3031.3	2674.2	2318.6	1952.2
32.5°	6040.9	5699.4	5330.2	4956.5	4568.2	4170.3	3777.5	3379.6	2971.8	2592.6	2208.9
30°	6635.4	6257.1	5855.0	5428.5	5005.4	4579.6	4147.2	3710.9	3274.1	2853.0	2455.1
27.5°	7219.2	6808.3	6370.8	5907.3	5423.4	4966.8	4501.9	4029.1	3558.8	3110.3	2683.3
25°	7795.1	7344.8	6859.7	6363.7	5856.2	5324.0	4830.2	4333.0	3838.1	3350.7	2889.7
22.5°	8368.7	7864.7	7331.1	6784.0	6251.6	5691.3	5140.4	4612.4	4096.1	3579.5	3091.5
20°	8918.1	8363.0	7787.4	7194.9	6605.5	6028.1	5435.2	4873.9	4328.6	3793.6	3279.0
17.5°	9403.3	8815.2	8210.1	7570.2	6940.9	6327.3	5713.8	5113.4	4539.1	3979.8	3448.9
15°	9851.4	9227.3	8583.8	7914.5	7245.6	6588.6	5954.7	5324.3	4727.8	4145.3	3599.7
12.5°	10258.2	9596.7	8922.2	8216.6	7514.9	6819.8	6159.4	5514.4	4892.7	4292.7	3726.8
10°	10590.6	9902.6	9201.8	8478.2	7747.2	7021.2	6329.3	5667.6	5025.6	4410.1	3832.7
7.5°	10860.5	10143.0	9415.2	8685.1	7932.1	7189.3	6470.8	5783.5	5129.3	4495.9	3916.0
5°	11071.1	10332.4	9578.6	8837.2	8065.5	7307.1	6576.6	5861.5	5202.0	4551.0	3976.0
2.5°	11215.7	10461.1	9680.2	8929.0	8152.1	7380.4	6655.3	5921.9	5253.8	4609.0	4028.4
0°	11303.2	10557.4	9756.3	8992.6	8230.8	7420.7	6708.8	5963.0	5276.0	4646.2	4055.6
-2.5°	11215.7	10461.1	9680.2	8929.0	8152.1	7380.4	6655.3	5921.9	5253.8	4609.0	4028.4
-5°	11071.1	10332.4	9578.6	8837.2	8065.5	7307.1	6576.6	5861.5	5202.0	4551.0	3976.0
-7.5°	10860.5	10143.0	9415.2	8685.1	7932.1	7189.3	6470.8	5783.5	5129.3	4495.9	3916.0
-10°	10590.6	9902.6	9201.8	8478.2	7747.2	7021.2	6329.3	5667.6	5025.6	4410.1	3832.7
-12.5°	10258.2	9596.7	8922.2	8216.6	7514.9	6819.8	6159.4	5514.4	4892.7	4292.7	3726.8
-15°	9851.4	9227.3	8583.8	7914.5	7245.6	6588.6	5954.7	5324.3	4727.8	4145.3	3599.7
-17.5°	9403.3	8815.2	8210.1	7570.2	6940.9	6327.3	5713.8	5113.4	4539.1	3979.8	3448.9
-20°	8918.1	8363.0	7787.4	7194.9	6605.5	6028.1	5435.2	4873.9	4328.6	3793.6	3279.0



REPORT NUMBER: P559139 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8368.7	7864.7	7331.1	6784.0	6251.6	5691.3	5140.4	4612.4	4096.1	3579.5	3091.5
-25°	7795.1	7344.8	6859.7	6363.7	5856.2	5324.0	4830.2	4333.0	3838.1	3350.7	2889.7
-27.5°	7219.2	6808.3	6370.8	5907.3	5423.4	4966.8	4501.9	4029.1	3558.8	3110.3	2683.3
-30°	6635.4	6257.1	5855.0	5428.5	5005.4	4579.6	4147.2	3710.9	3274.1	2853.0	2455.1
-32.5°	6040.9	5699.4	5330.2	4956.5	4568.2	4170.3	3777.5	3379.6	2971.8	2592.6	2208.9
-35°	5450.9	5139.5	4809.9	4472.6	4113.7	3760.3	3397.8	3031.3	2674.2	2318.6	1952.2
-37.5°	4866.4	4584.7	4299.9	3991.0	3672.5	3347.7	3018.8	2696.2	2369.8	2036.8	1653.4
-40°	4304.2	4058.7	3796.9	3516.5	3237.0	2941.4	2659.7	2366.8	2061.2	1720.4	1324.6
-42.5°	3755.9	3534.3	3304.8	3068.7	2817.0	2568.1	2306.9	2028.4	1714.3	1353.5	1002.3
-45°	3239.1	3055.7	2851.1	2639.9	2420.0	2186.0	1939.3	1642.3	1315.1	1001.0	676.5
-47.5°	2760.7	2590.2	2407.7	2213.6	2008.5	1780.4	1504.5	1215.1	943.0	669.9	550.7
-50°	2267.5	2111.6	1947.1	1767.1	1544.7	1303.3	1067.6	832.6	640.6	530.9	443.5
-52.5°	1746.9	1597.2	1430.4	1247.0	1060.6	862.4	666.9	583.9	488.5	429.7	386.0
-55°	1185.7	1061.4	928.6	775.2	631.7	567.6	496.5	440.5	405.9	366.3	340.2
-57.5°	707.5	621.5	571.2	515.6	454.8	421.0	396.6	368.4	344.5	320.9	299.1
-60°	475.3	431.3	413.2	393.2	370.8	348.7	333.9	315.9	294.6	277.8	260.4
-62.5°	363.0	356.2	338.3	321.9	309.9	300.8	283.4	264.9	250.5	237.9	221.0
-65°	276.0	262.7	254.2	253.6	246.9	233.3	219.8	213.3	205.9	193.6	180.6
-67.5°	219.8	213.3	207.4	199.4	192.7	185.7	181.9	175.2	166.1	155.1	147.7
-70°	183.0	178.8	174.1	168.9	163.5	157.7	151.3	143.4	133.5	122.8	116.7
-72.5°	151.6	148.9	145.4	140.9	135.7	130.6	124.3	116.1	106.7	95.8	87.2
-75°	125.4	124.0	121.9	117.8	113.0	107.6	101.1	91.3	79.0	64.1	53.7
-77.5°	96.3	96.1	95.4	92.0	88.9	86.4	81.4	67.1	53.2	40.9	34.7
-80°	60.3	63.3	65.3	63.3	60.6	57.3	52.4	42.9	34.6	27.7	23.4
-82.5°	35.0	36.0	36.3	34.1	32.0	30.1	28.0	23.4	19.2	15.5	12.6
-85°	9.6	9.3	9.1	9.8	10.3	10.7	10.9	9.5	8.4	7.3	6.6
-87.5°	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.8	2.1	2.3	2.5
-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: P559139 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-927-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°	2.4	2.3	2.2	2.1	2.2	2.3	2.3	2.3	2.1	1.8	1.6
85°	6.6	6.4	6.0	5.5	5.1	4.5	4.6	4.6	4.1	3.7	3.2
82.5°	12.6	12.8	12.9	12.7	12.6	12.1	11.3	10.1	7.9	5.8	4.9
80°	26.2	27.7	27.7	26.1	22.8	19.8	19.0	17.5	14.5	11.5	8.6
77.5°	40.0	43.8	46.2	45.3	40.3	35.5	30.9	26.1	20.9	17.1	13.5
75°	54.8	59.8	63.6	63.5	58.2	51.2	45.0	38.6	30.9	23.1	18.2
72.5°	82.8	80.9	81.5	81.9	77.4	70.6	61.5	50.9	42.1	33.1	24.0
70°	111.1	103.8	98.8	97.9	95.6	90.6	81.5	67.8	53.2	42.9	32.6
67.5°	140.9	133.5	124.0	115.7	112.6	108.3	101.3	85.2	68.0	52.7	41.1
65°	171.5	162.6	153.6	141.5	132.3	126.0	118.9	101.7	82.2	64.6	49.5
62.5°	204.8	190.4	179.0	165.8	153.2	143.7	136.2	117.6	96.2	76.0	58.5
60°	241.5	223.1	204.4	188.7	173.7	160.3	149.5	133.5	111.3	86.9	67.5
57.5°	278.6	256.2	232.9	212.1	194.5	177.7	162.3	146.8	126.4	100.2	75.6
55°	315.9	291.0	261.4	236.0	215.1	196.4	176.2	158.8	140.6	114.1	81.8
52.5°	352.1	323.6	292.0	260.6	234.9	213.8	191.4	170.8	151.7	127.9	91.1
50°	396.2	355.0	321.7	287.6	254.5	229.9	205.8	183.4	162.7	140.5	99.8
47.5°	447.2	395.1	351.2	314.1	278.3	245.7	220.1	195.4	173.6	150.3	107.4
45°	548.9	440.7	385.6	341.3	300.7	264.7	234.3	206.6	183.5	154.6	113.8
42.5°	665.2	525.8	426.0	368.2	324.9	283.7	248.2	218.9	192.7	157.3	117.4
40°	945.0	632.0	480.5	404.1	349.2	301.5	264.0	231.1	200.4	159.0	118.7
37.5°	1232.5	829.1	576.2	438.9	375.0	323.2	278.8	242.8	203.8	160.7	119.1
35°	1524.1	1086.9	670.1	501.8	406.0	344.3	292.4	254.5	211.3	162.4	118.5
32.5°	1801.0	1335.8	885.4	585.1	435.7	364.6	308.4	266.2	220.7	164.0	116.9
30°	2038.5	1577.5	1098.6	664.6	477.1	389.8	326.0	277.3	232.1	165.6	115.2
27.5°	2254.5	1803.3	1299.2	818.6	545.7	414.1	342.7	287.6	245.1	169.6	115.6
25°	2453.3	1995.9	1492.7	987.6	610.1	437.3	357.7	297.5	255.4	178.4	115.6
22.5°	2628.9	2167.4	1669.7	1141.5	668.1	459.7	374.0	310.0	263.2	187.7	115.3
20°	2786.4	2323.2	1830.6	1283.6	763.6	507.8	391.6	321.1	270.3	197.3	114.7
17.5°	2928.2	2458.6	1965.9	1418.4	877.7	550.3	407.6	330.9	276.7	206.9	113.6
15°	3066.5	2573.7	2080.8	1537.6	978.2	587.1	422.0	339.2	282.3	216.2	113.0
12.5°	3182.7	2672.1	2177.6	1640.7	1064.7	618.3	434.6	346.1	287.2	224.6	112.3
10°	3276.0	2753.3	2256.4	1726.9	1136.5	643.6	445.4	351.4	290.9	231.4	110.0
7.5°	3346.4	2816.8	2317.2	1795.7	1193.4	664.5	452.3	354.4	293.9	236.9	106.5
5°	3397.1	2864.7	2361.5	1846.6	1234.5	681.6	456.7	355.9	296.1	240.8	102.0
2.5°	3439.1	2898.4	2389.2	1879.2	1259.5	693.3	458.8	356.2	297.5	242.8	96.8
0°	3459.7	2913.7	2399.8	1893.1	1268.6	699.4	458.6	355.1	298.0	242.7	91.0
-2.5°	3439.1	2898.4	2389.2	1879.2	1259.5	693.3	458.8	356.2	297.5	242.8	96.8
-5°	3397.1	2864.7	2361.5	1846.6	1234.5	681.6	456.7	355.9	296.1	240.8	102.0
-7.5°	3346.4	2816.8	2317.2	1795.7	1193.4	664.5	452.3	354.4	293.9	236.9	106.5
-10°	3276.0	2753.3	2256.4	1726.9	1136.5	643.6	445.4	351.4	290.9	231.4	110.0
-12.5°	3182.7	2672.1	2177.6	1640.7	1064.7	618.3	434.6	346.1	287.2	224.6	112.3
-15°	3066.5	2573.7	2080.8	1537.6	978.2	587.1	422.0	339.2	282.3	216.2	113.0
-17.5°	2928.2	2458.6	1965.9	1418.4	877.7	550.3	407.6	330.9	276.7	206.9	113.6
-20°	2786.4	2323.2	1830.6	1283.6	763.6	507.8	391.6	321.1	270.3	197.3	114.7



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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°	2628.9	2167.4	1669.7	1141.5	668.1	459.7	374.0	310.0	263.2	187.7	115.3
-25°	2453.3	1995.9	1492.7	987.6	610.1	437.3	357.7	297.5	255.4	178.4	115.6
-27.5°	2254.5	1803.3	1299.2	818.6	545.7	414.1	342.7	287.6	245.1	169.6	115.6
-30°	2038.5	1577.5	1098.6	664.6	477.1	389.8	326.0	277.3	232.1	165.6	115.2
-32.5°	1801.0	1335.8	885.4	585.1	435.7	364.6	308.4	266.2	220.7	164.0	116.9
-35°	1524.1	1086.9	670.1	501.8	406.0	344.3	292.4	254.5	211.3	162.4	118.5
-37.5°	1232.5	829.1	576.2	438.9	375.0	323.2	278.8	242.8	203.8	160.7	119.1
-40°	945.0	632.0	480.5	404.1	349.2	301.5	264.0	231.1	200.4	159.0	118.7
-42.5°	665.2	525.8	426.0	368.2	324.9	283.7	248.2	218.9	192.7	157.3	117.4
-45°	548.9	440.7	385.6	341.3	300.7	264.7	234.3	206.6	183.5	154.6	113.8
-47.5°	447.2	395.1	351.2	314.1	278.3	245.7	220.1	195.4	173.6	150.3	107.4
-50°	396.2	355.0	321.7	287.6	254.5	229.9	205.8	183.4	162.7	140.5	99.8
-52.5°	352.1	323.6	292.0	260.6	234.9	213.8	191.4	170.8	151.7	127.9	91.1
-55°	315.9	291.0	261.4	236.0	215.1	196.4	176.2	158.8	140.6	114.1	81.8
-57.5°	278.6	256.2	232.9	212.1	194.5	177.7	162.3	146.8	126.4	100.2	75.6
-60°	241.5	223.1	204.4	188.7	173.7	160.3	149.5	133.5	111.3	86.9	67.5
-62.5°	204.8	190.4	179.0	165.8	153.2	143.7	136.2	117.6	96.2	76.0	58.5
-65°	171.5	162.6	153.6	141.5	132.3	126.0	118.9	101.7	82.2	64.6	49.5
-67.5°	140.9	133.5	124.0	115.7	112.6	108.3	101.3	85.2	68.0	52.7	41.1
-70°	111.1	103.8	98.8	97.9	95.6	90.6	81.5	67.8	53.2	42.9	32.6
-72.5°	82.8	80.9	81.5	81.9	77.4	70.6	61.5	50.9	42.1	33.1	24.0
-75°	54.8	59.8	63.6	63.5	58.2	51.2	45.0	38.6	30.9	23.1	18.2
-77.5°	40.0	43.8	46.2	45.3	40.3	35.5	30.9	26.1	20.9	17.1	13.5
-80°	26.2	27.7	27.7	26.1	22.8	19.8	19.0	17.5	14.5	11.5	8.6
-82.5°	12.6	12.8	12.9	12.7	12.6	12.1	11.3	10.1	7.9	5.8	4.9
-85°	6.6	6.4	6.0	5.5	5.1	4.5	4.6	4.6	4.1	3.7	3.2
-87.5°	2.4	2.3	2.2	2.1	2.2	2.3	2.3	2.3	2.1	1.8	1.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
85°	2.8	2.3	1.9	1.4	0.9	0.5	0.0
82.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
80°	5.9	4.7	3.7	2.8	1.9	0.9	0.0
77.5°	9.9	6.4	4.7	3.5	2.3	1.2	0.0
75°	13.7	9.2	5.7	4.2	2.8	1.4	0.0
72.5°	17.5	11.9	7.6	4.9	3.2	1.6	0.0
70°	21.5	14.6	9.4	5.6	3.7	1.8	0.0
67.5°	28.1	17.1	11.1	6.7	4.1	2.1	0.0
65°	34.2	20.4	12.7	7.7	4.6	2.3	0.0
62.5°	39.9	24.4	14.3	8.7	5.0	2.5	0.0
60°	45.2	28.1	15.7	9.6	5.4	2.7	0.0
57.5°	50.4	31.5	17.9	10.4	5.9	2.9	0.0
55°	55.1	34.5	19.9	11.2	6.4	3.1	0.0
52.5°	59.1	37.1	21.6	11.9	6.9	3.3	0.0
50°	62.5	39.5	23.2	12.6	7.4	3.5	0.0
47.5°	65.6	41.5	24.4	13.2	7.9	3.6	0.0
45°	70.9	43.0	25.4	13.9	8.3	3.8	0.0
42.5°	75.4	44.0	26.1	14.5	8.8	4.0	0.0
40°	78.9	44.5	26.6	15.1	9.2	4.1	0.0
37.5°	81.6	44.5	26.8	15.9	9.6	4.3	0.0
35°	83.4	45.5	26.7	16.6	9.9	4.4	0.0
32.5°	83.7	46.7	26.3	17.2	10.3	4.6	0.0
30°	82.2	47.3	25.7	17.8	10.6	4.7	0.0
27.5°	79.9	47.3	26.3	18.4	10.9	4.8	0.0
25°	77.0	46.8	27.1	18.9	11.2	4.9	0.0
22.5°	73.5	46.8	27.8	19.4	11.4	5.0	0.0
20°	69.5	49.0	28.6	19.8	11.6	5.1	0.0
17.5°	68.7	50.9	29.2	20.2	11.8	5.1	0.0
15°	70.1	52.6	29.8	20.5	12.0	5.2	0.0
12.5°	71.3	54.0	30.4	20.8	12.2	5.3	0.0
10°	72.4	55.1	30.9	21.0	12.3	5.3	0.0
7.5°	73.3	56.0	31.3	21.2	12.4	5.4	0.0
5°	74.0	56.6	31.6	21.3	12.4	5.4	0.0
2.5°	74.6	57.0	31.9	21.4	12.5	5.4	0.0
0°	74.9	57.1	32.1	21.4	12.5	5.4	0.0
-2.5°	74.6	57.0	31.9	21.4	12.5	5.4	0.0
-5°	74.0	56.6	31.6	21.3	12.4	5.4	0.0
-7.5°	73.3	56.0	31.3	21.2	12.4	5.4	0.0
-10°	72.4	55.1	30.9	21.0	12.3	5.3	0.0
-12.5°	71.3	54.0	30.4	20.8	12.2	5.3	0.0
-15°	70.1	52.6	29.8	20.5	12.0	5.2	0.0
-17.5°	68.7	50.9	29.2	20.2	11.8	5.1	0.0
-20°	69.5	49.0	28.6	19.8	11.6	5.1	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	73.5	46.8	27.8	19.4	11.4	5.0	0.0
-25°	77.0	46.8	27.1	18.9	11.2	4.9	0.0
-27.5°	79.9	47.3	26.3	18.4	10.9	4.8	0.0
-30°	82.2	47.3	25.7	17.8	10.6	4.7	0.0
-32.5°	83.7	46.7	26.3	17.2	10.3	4.6	0.0
-35°	83.4	45.5	26.7	16.6	9.9	4.4	0.0
-37.5°	81.6	44.5	26.8	15.9	9.6	4.3	0.0
-40°	78.9	44.5	26.6	15.1	9.2	4.1	0.0
-42.5°	75.4	44.0	26.1	14.5	8.8	4.0	0.0
-45°	70.9	43.0	25.4	13.9	8.3	3.8	0.0
-47.5°	65.6	41.5	24.4	13.2	7.9	3.6	0.0
-50°	62.5	39.5	23.2	12.6	7.4	3.5	0.0
-52.5°	59.1	37.1	21.6	11.9	6.9	3.3	0.0
-55°	55.1	34.5	19.9	11.2	6.4	3.1	0.0
-57.5°	50.4	31.5	17.9	10.4	5.9	2.9	0.0
-60°	45.2	28.1	15.7	9.6	5.4	2.7	0.0
-62.5°	39.9	24.4	14.3	8.7	5.0	2.5	0.0
-65°	34.2	20.4	12.7	7.7	4.6	2.3	0.0
-67.5°	28.1	17.1	11.1	6.7	4.1	2.1	0.0
-70°	21.5	14.6	9.4	5.6	3.7	1.8	0.0
-72.5°	17.5	11.9	7.6	4.9	3.2	1.6	0.0
-75°	13.7	9.2	5.7	4.2	2.8	1.4	0.0
-77.5°	9.9	6.4	4.7	3.5	2.3	1.2	0.0
-80°	5.9	4.7	3.7	2.8	1.9	0.9	0.0
-82.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
-85°	2.8	2.3	1.9	1.4	0.9	0.5	0.0
-87.5°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)