

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: P559187 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-935-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559187 (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-SA6C-935-U-WR-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, WIDE SYMMETRICAL ROUND N6
Light Source: (96) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

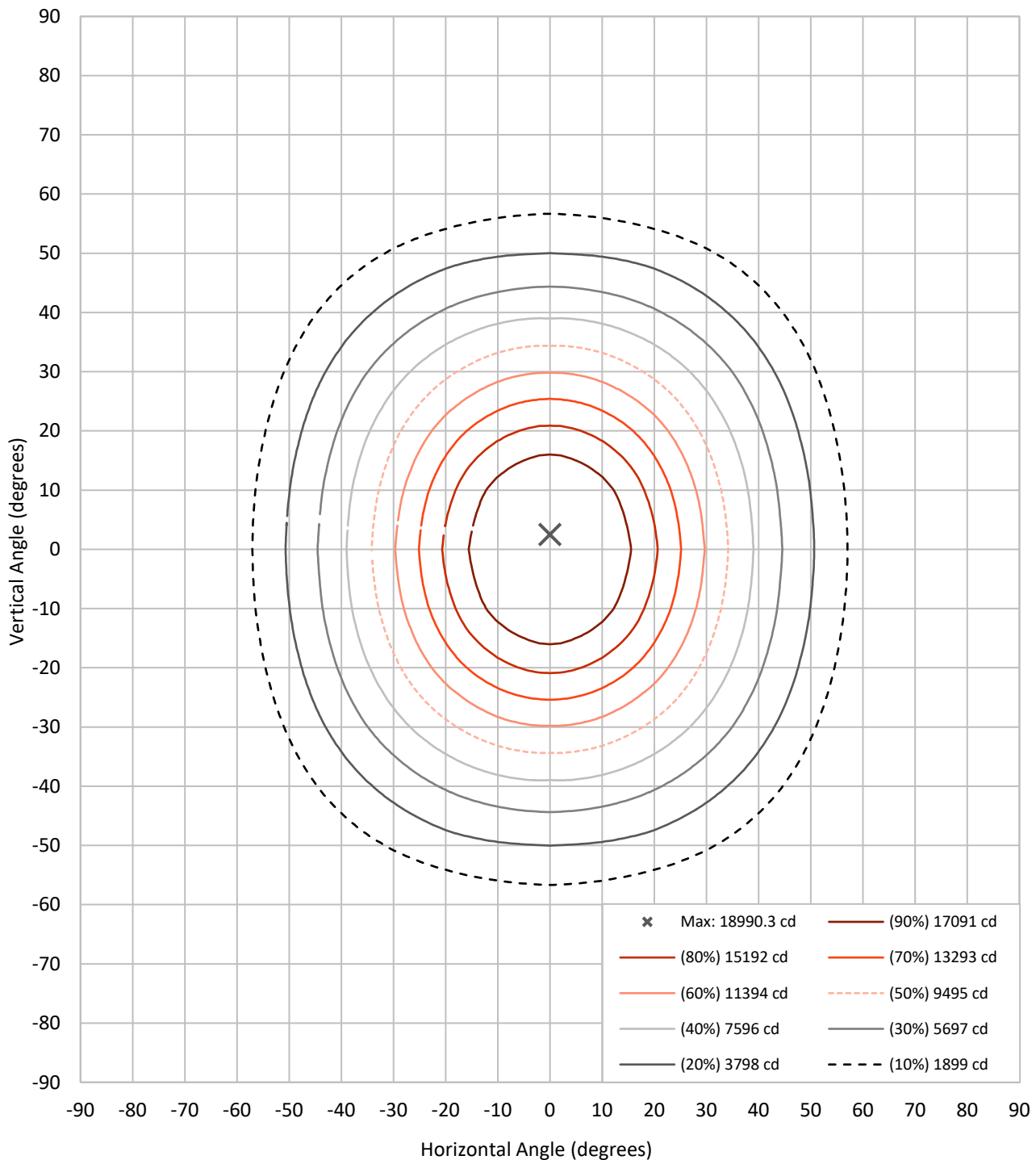
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	25701.7 lumens	Max Intensity:	18990.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	106.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	15410 lumens	Field Lumens:	24552 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 241
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: P559187 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





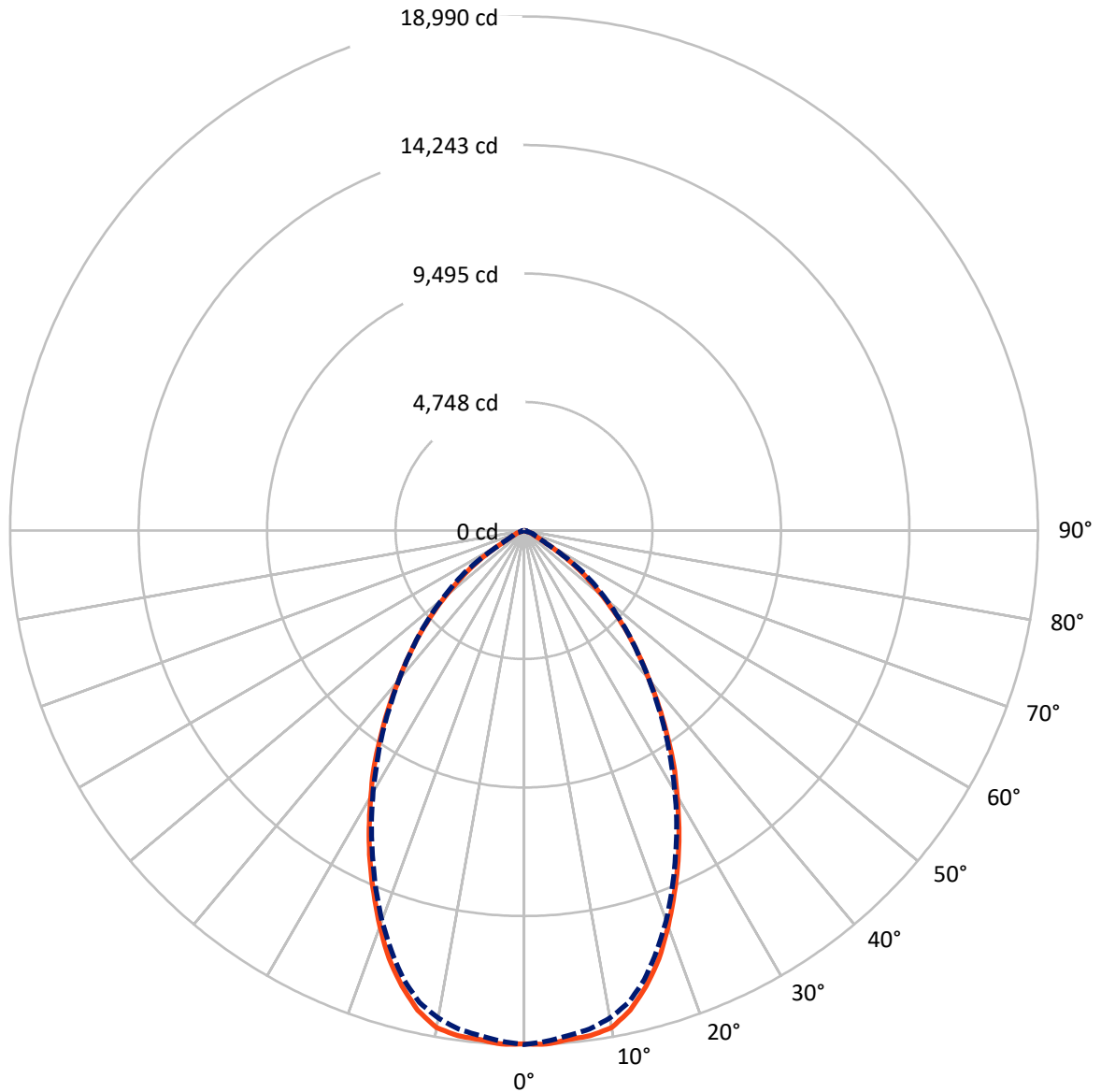
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Lumen Table

90																
80	0.2	2.5		6.2		10.7		7.6		10.7		6.2		2.5		0.2
70																
60	1.2	1.8	3.4	5.5	7.9	10.4	12.8	14.4	14.4	12.8	10.4	7.9	5.5	3.4	1.8	1.2
50		2.8	5.8	10.4	20.0	38.6	57.9	69.4	69.4	57.9	38.6	20.0	10.4	5.8	2.8	
40	2.0	3.7	8.4	24.6	64.8	107.7	143.3	163.4	163.4	143.3	107.7	64.8	24.6	8.4	3.7	2.0
30		4.6	14.5	56.8	116.3	181.6	240.6	276.0	276.0	240.6	181.6	116.3	56.8	14.5	4.6	
20	2.2	5.5	26.3	85.8	165.0	258.2	345.2	399.9	399.9	345.2	258.2	165.0	85.8	26.3	5.5	2.2
10		6.5	37.6	106.8	203.4	322.7	439.5	513.4	513.4	439.5	322.7	203.4	106.8	37.6	6.5	
0	2.3	7.1	43.8	118.1	225.0	360.6	493.7	564.3	564.3	493.7	360.6	225.0	118.1	43.8	7.1	2.3
-10		7.1	43.8	118.1	225.0	360.6	493.7	564.3	564.3	493.7	360.6	225.0	118.1	43.8	7.1	
-20	2.2	6.5	37.6	106.8	203.4	322.7	439.5	513.4	513.4	439.5	322.7	203.4	106.8	37.6	6.5	2.2
-30		5.5	26.3	85.8	165.0	258.2	345.2	399.9	399.9	345.2	258.2	165.0	85.8	26.3	5.5	
-40	2.0	4.6	14.5	56.8	116.3	181.6	240.6	276.0	276.0	240.6	181.6	116.3	56.8	14.5	4.6	2.0
-50		3.7	8.4	24.6	64.8	107.7	143.3	163.4	163.4	143.3	107.7	64.8	24.6	8.4	3.7	
-60	1.2	2.8	5.8	10.4	20.0	38.6	57.9	69.4	69.4	57.9	38.6	20.0	10.4	5.8	2.8	1.2
-70		1.8	3.4	5.5	7.9	10.4	12.8	14.4	14.4	12.8	10.4	7.9	5.5	3.4	1.8	
-80																
-90	0.2	2.5		6.2		10.7		7.6		10.7		6.2		2.5		0.2

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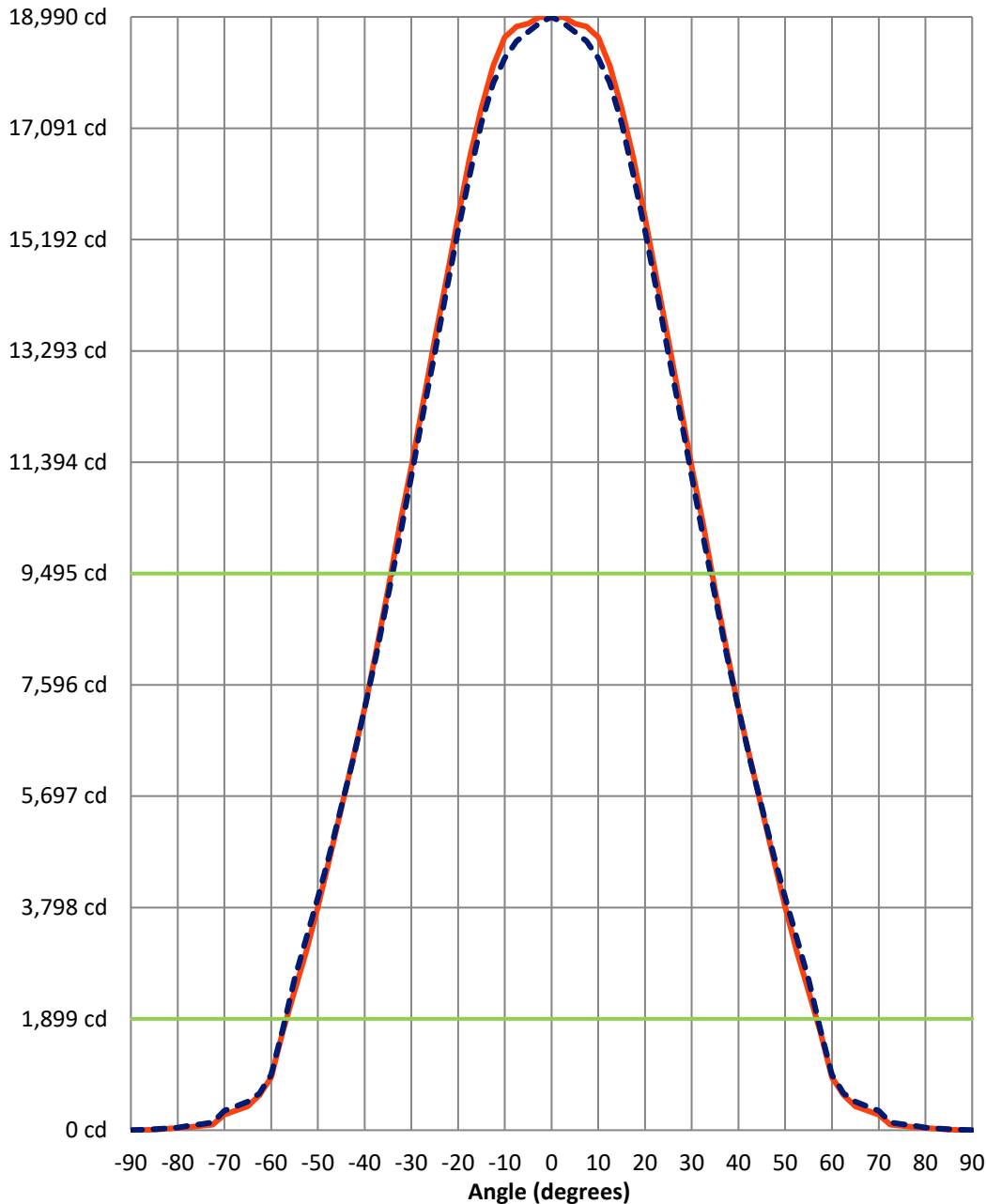
Luminous Intensity Polar Plot



— 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: 15410
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 24552
Efficiency: 95.5%

Spill:
Lumens: 1149.7
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	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1
85°	0.0	0.6	1.3	1.9	2.5	3.2	3.8	4.4	5.0	5.6	6.2
82.5°	0.0	1.0	1.9	2.9	3.8	4.7	5.7	6.6	7.8	10.8	13.8
80°	0.0	1.3	2.5	3.8	5.0	6.3	8.0	11.7	15.7	19.7	23.9
77.5°	0.0	1.6	3.2	4.7	6.3	8.7	13.4	18.4	23.4	28.6	35.7
75°	0.0	1.9	3.8	5.7	7.8	12.5	18.8	24.9	31.7	42.3	52.8
72.5°	0.0	2.2	4.4	6.6	10.3	16.3	23.9	32.8	45.3	57.6	69.7
70°	0.0	2.5	5.0	7.6	12.8	19.9	29.5	44.7	58.7	72.8	92.7
67.5°	0.0	2.8	5.6	9.1	15.2	23.3	38.4	56.3	72.1	93.1	116.6
65°	0.0	3.1	6.2	10.5	17.4	27.9	46.9	67.7	88.4	112.6	139.2
62.5°	0.0	3.4	6.7	11.8	19.5	33.4	54.7	80.1	104.1	131.7	160.9
60°	0.0	3.6	7.3	13.1	21.5	38.5	61.8	92.4	119.0	152.3	182.6
57.5°	0.0	3.9	8.0	14.3	24.5	43.1	69.0	103.5	137.1	172.9	200.8
55°	0.0	4.2	8.7	15.3	27.2	47.2	75.5	112.1	156.1	192.3	217.2
52.5°	0.0	4.4	9.4	16.3	29.6	50.8	81.0	124.8	175.0	207.5	233.6
50°	0.0	4.7	10.1	17.2	31.7	54.1	85.6	136.6	192.2	222.5	251.0
47.5°	0.0	4.9	10.7	18.1	33.4	56.8	89.9	147.0	205.6	237.4	267.4
45°	0.0	5.2	11.4	19.0	34.8	58.9	97.1	155.7	211.4	251.0	282.6
42.5°	0.0	5.4	11.9	19.8	35.7	60.2	103.2	160.6	215.2	263.6	299.4
40°	0.0	5.6	12.5	20.7	36.4	60.9	108.0	162.4	217.5	274.2	316.1
37.5°	0.0	5.8	13.0	21.7	36.7	60.9	111.6	162.9	219.8	278.8	332.3
35°	0.0	6.0	13.5	22.7	36.5	62.3	114.0	162.1	222.1	289.1	348.3
32.5°	0.0	6.2	14.0	23.5	36.0	63.9	114.5	159.9	224.4	302.0	364.2
30°	0.0	6.3	14.5	24.4	35.1	64.8	112.4	157.6	226.5	317.5	379.3
27.5°	0.0	6.5	14.9	25.1	36.0	64.8	109.3	158.0	232.1	335.3	393.5
25°	0.0	6.6	15.3	25.9	37.1	64.0	105.4	158.1	244.1	349.4	406.9
22.5°	0.0	6.7	15.6	26.5	38.1	64.0	100.6	157.8	256.8	360.1	424.1
20°	0.0	6.9	15.9	27.1	39.1	67.0	95.0	156.9	269.9	369.8	439.4
17.5°	0.0	7.0	16.2	27.6	40.0	69.6	94.0	155.4	283.1	378.6	452.7
15°	0.0	7.1	16.4	28.0	40.8	71.9	95.9	154.6	295.9	386.3	464.1
12.5°	0.0	7.1	16.6	28.4	41.6	73.8	97.6	153.6	307.2	392.9	473.6
10°	0.0	7.2	16.8	28.7	42.2	75.4	99.1	150.5	316.6	398.0	480.7
7.5°	0.0	7.2	16.9	29.0	42.8	76.6	100.3	145.8	324.1	402.0	484.9
5°	0.0	7.3	17.0	29.2	43.3	77.4	101.3	139.6	329.5	405.1	487.0
2.5°	0.0	7.3	17.1	29.3	43.9	78.1	102.5	124.5	332.0	407.7	485.8
0°	0.0	7.3	17.1	29.3	43.6	77.9	102.0	132.4	332.2	407.0	487.3
-2.5°	0.0	7.3	17.0	29.2	43.3	77.4	101.3	139.6	329.5	405.1	487.0
-5°	0.0	7.2	16.9	29.0	42.8	76.6	100.3	145.8	324.1	402.0	484.9
-7.5°	0.0	7.2	16.8	28.7	42.2	75.4	99.1	150.5	316.6	398.0	480.7
-10°	0.0	7.1	16.6	28.4	41.6	73.8	97.6	153.6	307.2	392.9	473.6
-12.5°	0.0	7.1	16.4	28.0	40.8	71.9	95.9	154.6	295.9	386.3	464.1
-15°	0.0	7.0	16.2	27.6	40.0	69.6	94.0	155.4	283.1	378.6	452.7
-17.5°	0.0	6.9	15.9	27.1	39.1	67.0	95.0	156.9	269.9	369.8	439.4
-20°	0.0	6.9	15.9	27.1	39.1	67.0	95.0	156.9	269.9	369.8	439.4



REPORT NUMBER: P559187 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-935-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	6.7	15.6	26.5	38.1	64.0	100.6	157.8	256.8	360.1	424.1
-25°	0.0	6.6	15.3	25.9	37.1	64.0	105.4	158.1	244.1	349.4	406.9
-27.5°	0.0	6.5	14.9	25.1	36.0	64.8	109.3	158.0	232.1	335.3	393.5
-30°	0.0	6.3	14.5	24.4	35.1	64.8	112.4	157.6	226.5	317.5	379.3
-32.5°	0.0	6.2	14.0	23.5	36.0	63.9	114.5	159.9	224.4	302.0	364.2
-35°	0.0	6.0	13.5	22.7	36.5	62.3	114.0	162.1	222.1	289.1	348.3
-37.5°	0.0	5.8	13.0	21.7	36.7	60.9	111.6	162.9	219.8	278.8	332.3
-40°	0.0	5.6	12.5	20.7	36.4	60.9	108.0	162.4	217.5	274.2	316.1
-42.5°	0.0	5.4	11.9	19.8	35.7	60.2	103.2	160.6	215.2	263.6	299.4
-45°	0.0	5.2	11.4	19.0	34.8	58.9	97.1	155.7	211.4	251.0	282.6
-47.5°	0.0	4.9	10.7	18.1	33.4	56.8	89.9	147.0	205.6	237.4	267.4
-50°	0.0	4.7	10.1	17.2	31.7	54.1	85.6	136.6	192.2	222.5	251.0
-52.5°	0.0	4.4	9.4	16.3	29.6	50.8	81.0	124.8	175.0	207.5	233.6
-55°	0.0	4.2	8.7	15.3	27.2	47.2	75.5	112.1	156.1	192.3	217.2
-57.5°	0.0	3.9	8.0	14.3	24.5	43.1	69.0	103.5	137.1	172.9	200.8
-60°	0.0	3.6	7.3	13.1	21.5	38.5	61.8	92.4	119.0	152.3	182.6
-62.5°	0.0	3.4	6.7	11.8	19.5	33.4	54.7	80.1	104.1	131.7	160.9
-65°	0.0	3.1	6.2	10.5	17.4	27.9	46.9	67.7	88.4	112.6	139.2
-67.5°	0.0	2.8	5.6	9.1	15.2	23.3	38.4	56.3	72.1	93.1	116.6
-70°	0.0	2.5	5.0	7.6	12.8	19.9	29.5	44.7	58.7	72.8	92.7
-72.5°	0.0	2.2	4.4	6.6	10.3	16.3	23.9	32.8	45.3	57.6	69.7
-75°	0.0	1.9	3.8	5.7	7.8	12.5	18.8	24.9	31.7	42.3	52.8
-77.5°	0.0	1.6	3.2	4.7	6.3	8.7	13.4	18.4	23.4	28.6	35.7
-80°	0.0	1.3	2.5	3.8	5.0	6.3	8.0	11.7	15.7	19.7	23.9
-82.5°	0.0	1.0	1.9	2.9	3.8	4.7	5.7	6.6	7.8	10.8	13.8
-85°	0.0	0.6	1.3	1.9	2.5	3.2	3.8	4.4	5.0	5.6	6.2
-87.5°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1
-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-SA6C-935-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°	3.1	3.1	3.0	2.8	3.0	3.1	3.3	3.5	3.2	2.8	2.4
85°	6.2	6.1	6.9	7.4	8.2	8.7	9.0	8.9	10.0	11.4	13.0
82.5°	15.4	16.5	17.2	17.3	17.6	17.5	17.3	17.2	21.2	26.3	32.0
80°	26.0	27.1	31.2	35.6	37.9	37.9	35.9	32.0	37.9	47.4	58.8
77.5°	42.3	48.6	55.1	61.9	63.2	60.0	54.7	47.5	55.9	72.8	91.8
75°	61.6	70.1	79.7	86.9	87.0	81.8	74.9	73.5	87.7	108.1	124.9
72.5°	84.2	96.6	105.9	112.1	111.5	110.7	113.3	119.4	131.0	145.9	158.9
70°	111.5	123.9	130.8	134.0	135.2	142.0	152.1	159.7	168.0	182.7	196.3
67.5°	138.6	148.1	154.1	158.3	169.7	182.7	192.8	202.1	212.3	227.4	239.8
65°	162.7	172.4	180.9	193.6	210.3	222.5	234.6	247.1	264.9	281.7	291.8
62.5°	186.3	196.6	209.6	226.8	244.9	260.5	280.2	302.3	325.4	342.7	362.4
60°	204.6	219.3	237.7	258.2	279.6	305.2	330.4	356.3	380.0	403.1	432.2
57.5°	222.0	243.2	266.1	290.2	318.6	350.5	381.2	409.2	439.1	471.3	504.1
55°	241.0	268.8	294.3	322.9	357.6	398.1	432.3	465.5	501.2	555.4	602.7
52.5°	261.9	292.7	321.4	356.5	399.6	442.8	481.7	528.2	587.9	668.4	798.9
50°	281.6	314.6	348.3	393.6	440.2	485.8	542.0	606.8	726.5	876.4	1139.1
47.5°	301.2	336.2	380.7	429.7	480.5	540.6	611.9	753.4	916.6	1290.3	1662.6
45°	320.7	362.2	411.4	467.0	527.5	603.0	751.1	925.7	1369.5	1799.4	2247.1
42.5°	339.6	388.2	444.5	503.8	582.9	719.4	910.2	1371.4	1851.9	2345.5	2775.3
40°	361.2	412.5	477.7	552.9	657.4	864.7	1293.0	1812.3	2353.9	2820.2	3238.3
37.5°	381.5	442.2	513.1	600.5	788.4	1134.5	1686.3	2262.3	2786.7	3242.4	3689.0
35°	400.0	471.0	555.5	686.6	916.8	1487.1	2085.3	2671.0	3172.3	3658.9	4147.4
32.5°	421.8	498.9	596.1	800.5	1211.4	1827.6	2464.2	3022.2	3547.2	4066.0	4624.1
30°	446.0	533.4	652.8	909.3	1503.2	2158.4	2789.1	3359.1	3903.5	4479.6	5077.3
27.5°	468.8	566.6	746.7	1120.1	1777.5	2467.3	3084.6	3671.3	4255.6	4869.1	5512.7
25°	489.5	598.3	834.8	1351.3	2042.4	2730.8	3356.6	3953.7	4584.5	5251.3	5928.5
22.5°	511.8	629.0	914.2	1561.8	2284.6	2965.4	3596.8	4229.8	4897.5	5604.3	6310.6
20°	535.8	694.8	1044.8	1756.3	2504.7	3178.6	3812.4	4486.4	5190.4	5922.4	6668.4
17.5°	557.7	752.9	1201.0	1940.7	2689.8	3363.9	4006.3	4718.8	5445.1	6210.3	6996.2
15°	577.4	803.3	1338.5	2103.8	2846.9	3521.3	4195.5	4925.0	5671.5	6468.5	7284.8
12.5°	594.7	845.9	1456.7	2244.8	2979.4	3655.9	4354.6	5099.0	5873.2	6694.2	7544.8
10°	609.4	880.6	1555.0	2362.8	3087.2	3767.0	4482.2	5243.8	6033.9	6876.0	7754.5
7.5°	618.8	909.2	1632.8	2457.0	3170.4	3854.0	4578.5	5357.8	6151.3	7017.9	7913.1
5°	624.8	932.6	1689.0	2526.6	3231.0	3919.5	4647.9	5439.8	6226.7	7117.4	8019.7
2.5°	627.7	948.7	1723.3	2571.2	3268.9	3965.6	4705.3	5511.7	6306.1	7188.3	8102.3
0°	627.4	957.0	1735.7	2590.1	3283.4	3986.5	4733.5	5548.9	6357.0	7218.7	8158.6
-2.5°	627.7	948.7	1723.3	2571.2	3268.9	3965.6	4705.3	5511.7	6306.1	7188.3	8102.3
-5°	624.8	932.6	1689.0	2526.6	3231.0	3919.5	4647.9	5439.8	6226.7	7117.4	8019.7
-7.5°	618.8	909.2	1632.8	2457.0	3170.4	3854.0	4578.5	5357.8	6151.3	7017.9	7913.1
-10°	609.4	880.6	1555.0	2362.8	3087.2	3767.0	4482.2	5243.8	6033.9	6876.0	7754.5
-12.5°	594.7	845.9	1456.7	2244.8	2979.4	3655.9	4354.6	5099.0	5873.2	6694.2	7544.8
-15°	577.4	803.3	1338.5	2103.8	2846.9	3521.3	4195.5	4925.0	5671.5	6468.5	7284.8
-17.5°	557.7	752.9	1201.0	1940.7	2689.8	3363.9	4006.3	4718.8	5445.1	6210.3	6996.2
-20°	535.8	694.8	1044.8	1756.3	2504.7	3178.6	3812.4	4486.4	5190.4	5922.4	6668.4



REPORT NUMBER: P559187 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-935-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°	511.8	629.0	914.2	1561.8	2284.6	2965.4	3596.8	4229.8	4897.5	5604.3	6310.6
-25°	489.5	598.3	834.8	1351.3	2042.4	2730.8	3356.6	3953.7	4584.5	5251.3	5928.5
-27.5°	468.8	566.6	746.7	1120.1	1777.5	2467.3	3084.6	3671.3	4255.6	4869.1	5512.7
-30°	446.0	533.4	652.8	909.3	1503.2	2158.4	2789.1	3359.1	3903.5	4479.6	5077.3
-32.5°	421.8	498.9	596.1	800.5	1211.4	1827.6	2464.2	3022.2	3547.2	4066.0	4624.1
-35°	400.0	471.0	555.5	686.6	916.8	1487.1	2085.3	2671.0	3172.3	3658.9	4147.4
-37.5°	381.5	442.2	513.1	600.5	788.4	1134.5	1686.3	2262.3	2786.7	3242.4	3689.0
-40°	361.2	412.5	477.7	552.9	657.4	864.7	1293.0	1812.3	2353.9	2820.2	3238.3
-42.5°	339.6	388.2	444.5	503.8	582.9	719.4	910.2	1371.4	1851.9	2345.5	2775.3
-45°	320.7	362.2	411.4	467.0	527.5	603.0	751.1	925.7	1369.5	1799.4	2247.1
-47.5°	301.2	336.2	380.7	429.7	480.5	540.6	611.9	753.4	916.6	1290.3	1662.6
-50°	281.6	314.6	348.3	393.6	440.2	485.8	542.0	606.8	726.5	876.4	1139.1
-52.5°	261.9	292.7	321.4	356.5	399.6	442.8	481.7	528.2	587.9	668.4	798.9
-55°	241.0	268.8	294.3	322.9	357.6	398.1	432.3	465.5	501.2	555.4	602.7
-57.5°	222.0	243.2	266.1	290.2	318.6	350.5	381.2	409.2	439.1	471.3	504.1
-60°	204.6	219.3	237.7	258.2	279.6	305.2	330.4	356.3	380.0	403.1	432.2
-62.5°	186.3	196.6	209.6	226.8	244.9	260.5	280.2	302.3	325.4	342.7	362.4
-65°	162.7	172.4	180.9	193.6	210.3	222.5	234.6	247.1	264.9	281.7	291.8
-67.5°	138.6	148.1	154.1	158.3	169.7	182.7	192.8	202.1	212.3	227.4	239.8
-70°	111.5	123.9	130.8	134.0	135.2	142.0	152.1	159.7	168.0	182.7	196.3
-72.5°	84.2	96.6	105.9	112.1	111.5	110.7	113.3	119.4	131.0	145.9	158.9
-75°	61.6	70.1	79.7	86.9	87.0	81.8	74.9	73.5	87.7	108.1	124.9
-77.5°	42.3	48.6	55.1	61.9	63.2	60.0	54.7	47.5	55.9	72.8	91.8
-80°	26.0	27.1	31.2	35.6	37.9	37.9	35.9	32.0	37.9	47.4	58.8
-82.5°	15.4	16.5	17.2	17.3	17.6	17.5	17.3	17.2	21.2	26.3	32.0
-85°	6.2	6.1	6.9	7.4	8.2	8.7	9.0	8.9	10.0	11.4	13.0
-87.5°	3.1	3.1	3.0	2.8	3.0	3.1	3.3	3.5	3.2	2.8	2.4
-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: P559187 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-935-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°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.3	2.4
85°	14.9	14.6	14.1	13.3	12.4	12.7	13.1	13.5	13.8	12.9	11.9
82.5°	38.3	41.1	43.8	46.7	49.7	49.2	47.8	45.8	43.3	38.6	33.4
80°	71.8	78.5	83.0	86.6	89.4	86.7	82.5	77.7	72.3	64.2	55.4
77.5°	111.4	118.2	121.7	125.9	130.5	131.5	131.7	132.1	132.6	117.7	98.7
75°	138.3	147.2	154.6	161.1	166.8	169.7	171.5	173.4	175.1	155.3	129.3
72.5°	170.0	178.7	185.7	192.8	198.9	203.7	207.4	210.5	212.9	196.8	174.1
70°	207.1	215.8	223.8	231.1	238.2	244.6	250.5	255.9	260.8	261.7	262.9
67.5°	249.0	254.1	263.7	272.9	283.9	291.8	300.8	309.1	316.8	323.4	328.8
65°	300.8	319.3	337.9	347.0	347.8	359.4	377.6	387.8	390.8	393.1	398.8
62.5°	387.8	411.5	424.1	440.4	462.8	487.3	496.7	510.2	526.6	545.2	562.0
60°	456.8	477.1	507.3	538.0	565.3	590.1	650.3	703.8	749.6	789.1	827.0
57.5°	542.6	576.1	622.2	705.5	781.6	850.3	968.0	1111.7	1239.7	1351.7	1450.1
55°	679.3	776.6	864.2	1060.7	1270.6	1452.2	1622.3	1804.2	1952.2	2068.0	2175.1
52.5°	912.4	1180.0	1451.2	1706.2	1957.0	2185.3	2390.2	2551.4	2677.3	2771.7	2861.2
50°	1460.7	1783.2	2113.5	2417.8	2664.1	2889.2	3102.5	3262.4	3396.2	3511.4	3613.4
47.5°	2058.5	2435.9	2748.1	3028.7	3294.3	3543.9	3777.2	3971.8	4136.7	4288.7	4415.2
45°	2653.3	2991.0	3311.1	3612.0	3900.9	4180.8	4431.8	4653.1	4871.2	5051.5	5194.0
42.5°	3156.4	3513.8	3854.2	4198.6	4521.7	4835.7	5138.8	5408.1	5639.7	5836.7	5995.2
40°	3639.1	4024.5	4428.8	4811.3	5194.9	5553.2	5889.0	6196.4	6460.2	6693.5	6890.8
37.5°	4130.4	4580.4	5024.7	5460.5	5883.2	6272.9	6658.3	7012.9	7322.1	7595.0	7824.1
35°	4649.0	5144.8	5628.4	6119.4	6581.0	7031.9	7458.0	7848.3	8190.7	8512.2	8788.5
32.5°	5168.5	5705.8	6250.2	6781.5	7292.8	7797.9	8265.1	8705.2	9109.9	9465.7	9760.7
30°	5674.3	6265.9	6848.3	7427.2	8010.8	8561.0	9078.6	9561.9	10001.1	10388.7	10723.9
27.5°	6159.6	6795.6	7420.3	8082.4	8716.5	9315.1	9877.4	10397.0	10887.3	11328.1	11708.5
25°	6608.7	7284.3	8012.4	8706.8	9385.4	10049.3	10665.3	11229.8	11790.3	12275.3	12688.3
22.5°	7033.0	7786.9	8553.5	9281.8	10030.5	10760.5	11450.1	12104.3	12703.0	13211.1	13651.5
20°	7436.5	8247.7	9037.7	9844.1	10654.8	11442.3	12201.7	12900.8	13533.4	14087.1	14583.9
17.5°	7817.6	8657.0	9496.6	10357.6	11233.1	12061.1	12865.6	13626.2	14316.7	14931.1	15491.1
15°	8147.2	9014.6	9913.5	10828.7	11744.5	12624.8	13478.6	14307.2	15084.1	15752.9	16317.5
12.5°	8427.4	9331.0	10281.9	11242.1	12207.4	13130.2	14035.3	14921.8	15747.7	16466.6	17046.4
10°	8659.8	9606.5	10599.8	11599.9	12589.9	13548.9	14490.1	15407.4	16294.4	17039.6	17635.1
7.5°	8853.4	9836.5	10852.7	11883.0	12882.0	13877.8	14859.4	15786.0	16659.9	17445.7	18057.7
5°	8998.1	9997.6	11035.3	12091.2	13105.5	14136.9	15147.7	16096.0	16961.1	17673.2	18172.8
2.5°	9105.7	10097.9	11153.8	12216.7	13244.5	14313.0	15345.4	16294.6	17180.2	17854.1	18286.7
0°	9179.0	10153.1	11261.4	12303.8	13348.6	14444.7	15465.2	16424.6	17313.2	17972.3	18419.0
-2.5°	9105.7	10097.9	11153.8	12216.7	13244.5	14313.0	15345.4	16294.6	17180.2	17854.1	18286.7
-5°	8998.1	9997.6	11035.3	12091.2	13105.5	14136.9	15147.7	16096.0	16961.1	17673.2	18172.8
-7.5°	8853.4	9836.5	10852.7	11883.0	12882.0	13877.8	14859.4	15786.0	16659.9	17445.7	18057.7
-10°	8659.8	9606.5	10599.8	11599.9	12589.9	13548.9	14490.1	15407.4	16294.4	17039.6	17635.1
-12.5°	8427.4	9331.0	10281.9	11242.1	12207.4	13130.2	14035.3	14921.8	15747.7	16466.6	17046.4
-15°	8147.2	9014.6	9913.5	10828.7	11744.5	12624.8	13478.6	14307.2	15084.1	15752.9	16317.5
-17.5°	7817.6	8657.0	9496.6	10357.6	11233.1	12061.1	12865.6	13626.2	14316.7	14931.1	15491.1
-20°	7436.5	8247.7	9037.7	9844.1	10654.8	11442.3	12201.7	12900.8	13533.4	14087.1	14583.9



REPORT NUMBER: P559187 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	7033.0	7786.9	8553.5	9281.8	10030.5	10760.5	11450.1	12104.3	12703.0	13211.1	13651.5
-25°	6608.7	7284.3	8012.4	8706.8	9385.4	10049.3	10665.3	11229.8	11790.3	12275.3	12688.3
-27.5°	6159.6	6795.6	7420.3	8082.4	8716.5	9315.1	9877.4	10397.0	10887.3	11328.1	11708.5
-30°	5674.3	6265.9	6848.3	7427.2	8010.8	8561.0	9078.6	9561.9	10001.1	10388.7	10723.9
-32.5°	5168.5	5705.8	6250.2	6781.5	7292.8	7797.9	8265.1	8705.2	9109.9	9465.7	9760.7
-35°	4649.0	5144.8	5628.4	6119.4	6581.0	7031.9	7458.0	7848.3	8190.7	8512.2	8788.5
-37.5°	4130.4	4580.4	5024.7	5460.5	5883.2	6272.9	6658.3	7012.9	7322.1	7595.0	7824.1
-40°	3639.1	4024.5	4428.8	4811.3	5194.9	5553.2	5889.0	6196.4	6460.2	6693.5	6890.8
-42.5°	3156.4	3513.8	3854.2	4198.6	4521.7	4835.7	5138.8	5408.1	5639.7	5836.7	5995.2
-45°	2653.3	2991.0	3311.1	3612.0	3900.9	4180.8	4431.8	4653.1	4871.2	5051.5	5194.0
-47.5°	2058.5	2435.9	2748.1	3028.7	3294.3	3543.9	3777.2	3971.8	4136.7	4288.7	4415.2
-50°	1460.7	1783.2	2113.5	2417.8	2664.1	2889.2	3102.5	3262.4	3396.2	3511.4	3613.4
-52.5°	912.4	1180.0	1451.2	1706.2	1957.0	2185.3	2390.2	2551.4	2677.3	2771.7	2861.2
-55°	679.3	776.6	864.2	1060.7	1270.6	1452.2	1622.3	1804.2	1952.2	2068.0	2175.1
-57.5°	542.6	576.1	622.2	705.5	781.6	850.3	968.0	1111.7	1239.7	1351.7	1450.1
-60°	456.8	477.1	507.3	538.0	565.3	590.1	650.3	703.8	749.6	789.1	827.0
-62.5°	387.8	411.5	424.1	440.4	462.8	487.3	496.7	510.2	526.6	545.2	562.0
-65°	300.8	319.3	337.9	347.0	347.8	359.4	377.6	387.8	390.8	393.1	398.8
-67.5°	249.0	254.1	263.7	272.9	283.9	291.8	300.8	309.1	316.8	323.4	328.8
-70°	207.1	215.8	223.8	231.1	238.2	244.6	250.5	255.9	260.8	261.7	262.9
-72.5°	170.0	178.7	185.7	192.8	198.9	203.7	207.4	210.5	212.9	196.8	174.1
-75°	138.3	147.2	154.6	161.1	166.8	169.7	171.5	173.4	175.1	155.3	129.3
-77.5°	111.4	118.2	121.7	125.9	130.5	131.5	131.7	132.1	132.6	117.7	98.7
-80°	71.8	78.5	83.0	86.6	89.4	86.7	82.5	77.7	72.3	64.2	55.4
-82.5°	38.3	41.1	43.8	46.7	49.7	49.2	47.8	45.8	43.3	38.6	33.4
-85°	14.9	14.6	14.1	13.3	12.4	12.7	13.1	13.5	13.8	12.9	11.9
-87.5°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.3	2.4
-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: P559187 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-935-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°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3
85°	10.9	9.8	9.8	9.8	9.8	9.8	10.9	11.9	12.9	13.8	13.5
82.5°	27.8	22.0	23.2	24.4	23.2	22.0	27.8	33.4	38.6	43.3	45.8
80°	46.2	36.7	37.8	39.1	37.8	36.7	46.2	55.4	64.2	72.3	77.7
77.5°	78.2	56.8	54.8	53.7	54.8	56.8	78.2	98.7	117.7	132.6	132.1
75°	102.3	74.7	73.1	73.2	73.1	74.7	102.3	129.3	155.3	175.1	173.4
72.5°	151.1	127.7	111.6	95.2	111.6	127.7	151.1	174.1	196.8	212.9	210.5
70°	265.7	268.9	267.6	263.7	267.6	268.9	265.7	262.9	261.7	260.8	255.9
67.5°	333.3	336.8	337.6	336.9	337.6	336.8	333.3	328.8	323.4	316.8	309.1
65°	402.8	405.2	407.0	407.7	407.0	405.2	402.8	398.8	393.1	390.8	387.8
62.5°	574.6	582.9	591.9	598.1	591.9	582.9	574.6	562.0	545.2	526.6	510.2
60°	860.2	887.6	899.7	900.8	899.7	887.6	860.2	827.0	789.1	749.6	703.8
57.5°	1528.8	1587.7	1640.2	1679.6	1640.2	1587.7	1528.8	1450.1	1351.7	1239.7	1111.7
55°	2260.4	2323.1	2358.5	2368.0	2358.5	2323.1	2260.4	2175.1	2068.0	1952.2	1804.2
52.5°	2929.0	2970.7	3010.2	3044.2	3010.2	2970.7	2929.0	2861.2	2771.7	2677.3	2551.4
50°	3690.3	3736.8	3775.9	3805.9	3775.9	3736.8	3690.3	3613.4	3511.4	3396.2	3262.4
47.5°	4504.1	4560.9	4602.8	4631.0	4602.8	4560.9	4504.1	4415.2	4288.7	4136.7	3971.8
45°	5316.1	5413.4	5472.6	5483.0	5472.6	5413.4	5316.1	5194.0	5051.5	4871.2	4653.1
42.5°	6132.3	6225.6	6288.5	6335.0	6288.5	6225.6	6132.3	5995.2	5836.7	5639.7	5408.1
40°	7055.3	7172.4	7226.1	7191.9	7226.1	7172.4	7055.3	6890.8	6693.5	6460.2	6196.4
37.5°	8000.8	8121.3	8183.4	8180.5	8183.4	8121.3	8000.8	7824.1	7595.0	7322.1	7012.9
35°	9003.3	9152.7	9233.5	9213.2	9233.5	9152.7	9003.3	8788.5	8512.2	8190.7	7848.3
32.5°	9996.4	10177.0	10293.7	10311.7	10293.7	10177.0	9996.4	9760.7	9465.7	9109.9	8705.2
30°	10992.6	11187.8	11303.7	11315.1	11303.7	11187.8	10992.6	10723.9	10388.7	10001.1	9561.9
27.5°	12027.8	12246.1	12367.5	12396.5	12367.5	12246.1	12027.8	11708.5	11328.1	10887.3	10397.0
25°	13040.5	13282.9	13422.2	13475.6	13422.2	13282.9	13040.5	12688.3	12275.3	11790.3	11229.8
22.5°	14017.1	14282.9	14464.4	14510.6	14464.4	14282.9	14017.1	13651.5	13211.1	12703.0	12104.3
20°	14996.7	15310.2	15542.4	15565.3	15542.4	15310.2	14996.7	14583.9	14087.1	13533.4	12900.8
17.5°	15939.7	16279.0	16527.4	16588.1	16527.4	16279.0	15939.7	15491.1	14931.1	14316.7	13626.2
15°	16784.0	17140.1	17380.0	17432.8	17380.0	17140.1	16784.0	16317.5	15752.9	15084.1	14307.2
12.5°	17512.5	17840.9	18064.8	18150.5	18064.8	17840.9	17512.5	17046.4	16466.6	15747.7	14921.8
10°	18099.5	18353.1	18553.3	18643.6	18553.3	18353.1	18099.5	17635.1	17039.6	16294.4	15407.4
7.5°	18427.2	18635.8	18774.4	18824.3	18774.4	18635.8	18427.2	18057.7	17445.7	16659.9	15786.0
5°	18556.7	18756.7	18831.7	18875.6	18831.7	18756.7	18556.7	18172.8	17673.2	16961.1	16096.0
2.5°	18574.3	18734.4	18888.8	18990.3	18888.8	18734.4	18574.3	18286.7	17854.1	17180.2	16294.6
0°	18677.8	18834.1	18919.5	18968.3	18919.5	18834.1	18677.8	18419.0	17972.3	17313.2	16424.6
-2.5°	18574.3	18734.4	18888.8	18990.3	18888.8	18734.4	18574.3	18286.7	17854.1	17180.2	16294.6
-5°	18556.7	18756.7	18831.7	18875.6	18831.7	18756.7	18556.7	18172.8	17673.2	16961.1	16096.0
-7.5°	18427.2	18635.8	18774.4	18824.3	18774.4	18635.8	18427.2	18057.7	17445.7	16659.9	15786.0
-10°	18099.5	18353.1	18553.3	18643.6	18553.3	18353.1	18099.5	17635.1	17039.6	16294.4	15407.4
-12.5°	17512.5	17840.9	18064.8	18150.5	18064.8	17840.9	17512.5	17046.4	16466.6	15747.7	14921.8
-15°	16784.0	17140.1	17380.0	17432.8	17380.0	17140.1	16784.0	16317.5	15752.9	15084.1	14307.2
-17.5°	15939.7	16279.0	16527.4	16588.1	16527.4	16279.0	15939.7	15491.1	14931.1	14316.7	13626.2
-20°	14996.7	15310.2	15542.4	15565.3	15542.4	15310.2	14996.7	14583.9	14087.1	13533.4	12900.8



REPORT NUMBER: P559187 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-935-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°	14017.1	14282.9	14464.4	14510.6	14464.4	14282.9	14017.1	13651.5	13211.1	12703.0	12104.3
-25°	13040.5	13282.9	13422.2	13475.6	13422.2	13282.9	13040.5	12688.3	12275.3	11790.3	11229.8
-27.5°	12027.8	12246.1	12367.5	12396.5	12367.5	12246.1	12027.8	11708.5	11328.1	10887.3	10397.0
-30°	10992.6	11187.8	11303.7	11315.1	11303.7	11187.8	10992.6	10723.9	10388.7	10001.1	9561.9
-32.5°	9996.4	10177.0	10293.7	10311.7	10293.7	10177.0	9996.4	9760.7	9465.7	9109.9	8705.2
-35°	9003.3	9152.7	9233.5	9213.2	9233.5	9152.7	9003.3	8788.5	8512.2	8190.7	7848.3
-37.5°	8000.8	8121.3	8183.4	8180.5	8183.4	8121.3	8000.8	7824.1	7595.0	7322.1	7012.9
-40°	7055.3	7172.4	7226.1	7191.9	7226.1	7172.4	7055.3	6890.8	6693.5	6460.2	6196.4
-42.5°	6132.3	6225.6	6288.5	6335.0	6288.5	6225.6	6132.3	5995.2	5836.7	5639.7	5408.1
-45°	5316.1	5413.4	5472.6	5483.0	5472.6	5413.4	5316.1	5194.0	5051.5	4871.2	4653.1
-47.5°	4504.1	4560.9	4602.8	4631.0	4602.8	4560.9	4504.1	4415.2	4288.7	4136.7	3971.8
-50°	3690.3	3736.8	3775.9	3805.9	3775.9	3736.8	3690.3	3613.4	3511.4	3396.2	3262.4
-52.5°	2929.0	2970.7	3010.2	3044.2	3010.2	2970.7	2929.0	2861.2	2771.7	2677.3	2551.4
-55°	2260.4	2323.1	2358.5	2368.0	2358.5	2323.1	2260.4	2175.1	2068.0	1952.2	1804.2
-57.5°	1528.8	1587.7	1640.2	1679.6	1640.2	1587.7	1528.8	1450.1	1351.7	1239.7	1111.7
-60°	860.2	887.6	899.7	900.8	899.7	887.6	860.2	827.0	789.1	749.6	703.8
-62.5°	574.6	582.9	591.9	598.1	591.9	582.9	574.6	562.0	545.2	526.6	510.2
-65°	402.8	405.2	407.0	407.7	407.0	405.2	402.8	398.8	393.1	390.8	387.8
-67.5°	333.3	336.8	337.6	336.9	337.6	336.8	333.3	328.8	323.4	316.8	309.1
-70°	265.7	268.9	267.6	263.7	267.6	268.9	265.7	262.9	261.7	260.8	255.9
-72.5°	151.1	127.7	111.6	95.2	111.6	127.7	151.1	174.1	196.8	212.9	210.5
-75°	102.3	74.7	73.1	73.2	73.1	74.7	102.3	129.3	155.3	175.1	173.4
-77.5°	78.2	56.8	54.8	53.7	54.8	56.8	78.2	98.7	117.7	132.6	132.1
-80°	46.2	36.7	37.8	39.1	37.8	36.7	46.2	55.4	64.2	72.3	77.7
-82.5°	27.8	22.0	23.2	24.4	23.2	22.0	27.8	33.4	38.6	43.3	45.8
-85°	10.9	9.8	9.8	9.8	9.8	9.8	10.9	11.9	12.9	13.8	13.5
-87.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	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



REPORT NUMBER: P559187 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-935-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°	2.3	2.2	2.2	2.1	2.1	2.0	2.0	2.4	2.8	3.2	3.5
85°	13.1	12.7	12.4	13.3	14.1	14.6	14.9	13.0	11.4	10.0	8.9
82.5°	47.8	49.2	49.7	46.7	43.8	41.1	38.3	32.0	26.3	21.2	17.2
80°	82.5	86.7	89.4	86.6	83.0	78.5	71.8	58.8	47.4	37.9	32.0
77.5°	131.7	131.5	130.5	125.9	121.7	118.2	111.4	91.8	72.8	55.9	47.5
75°	171.5	169.7	166.8	161.1	154.6	147.2	138.3	124.9	108.1	87.7	73.5
72.5°	207.4	203.7	198.9	192.8	185.7	178.7	170.0	158.9	145.9	131.0	119.4
70°	250.5	244.6	238.2	231.1	223.8	215.8	207.1	196.3	182.7	168.0	159.7
67.5°	300.8	291.8	283.9	272.9	263.7	254.1	249.0	239.8	227.4	212.3	202.1
65°	377.6	359.4	347.8	347.0	337.9	319.3	300.8	291.8	281.7	264.9	247.1
62.5°	496.7	487.3	462.8	440.4	424.1	411.5	387.8	362.4	342.7	325.4	302.3
60°	650.3	590.1	565.3	538.0	507.3	477.1	456.8	432.2	403.1	380.0	356.3
57.5°	968.0	850.3	781.6	705.5	622.2	576.1	542.6	504.1	471.3	439.1	409.2
55°	1622.3	1452.2	1270.6	1060.7	864.2	776.6	679.3	602.7	555.4	501.2	465.5
52.5°	2390.2	2185.3	1957.0	1706.2	1451.2	1180.0	912.4	798.9	668.4	587.9	528.2
50°	3102.5	2889.2	2664.1	2417.8	2113.5	1783.2	1460.7	1139.1	876.4	726.5	606.8
47.5°	3777.2	3543.9	3294.3	3028.7	2748.1	2435.9	2058.5	1662.6	1290.3	916.6	753.4
45°	4431.8	4180.8	3900.9	3612.0	3311.1	2991.0	2653.3	2247.1	1799.4	1369.5	925.7
42.5°	5138.8	4835.7	4521.7	4198.6	3854.2	3513.8	3156.4	2775.3	2345.5	1851.9	1371.4
40°	5889.0	5553.2	5194.9	4811.3	4428.8	4024.5	3639.1	3238.3	2820.2	2353.9	1812.3
37.5°	6658.3	6272.9	5883.2	5460.5	5024.7	4580.4	4130.4	3689.0	3242.4	2786.7	2262.3
35°	7458.0	7031.9	6581.0	6119.4	5628.4	5144.8	4649.0	4147.4	3658.9	3172.3	2671.0
32.5°	8265.1	7797.9	7292.8	6781.5	6250.2	5705.8	5168.5	4624.1	4066.0	3547.2	3022.2
30°	9078.6	8561.0	8010.8	7427.2	6848.3	6265.9	5674.3	5077.3	4479.6	3903.5	3359.1
27.5°	9877.4	9315.1	8716.5	8082.4	7420.3	6795.6	6159.6	5512.7	4869.1	4255.6	3671.3
25°	10665.3	10049.3	9385.4	8706.8	8012.4	7284.3	6608.7	5928.5	5251.3	4584.5	3953.7
22.5°	11450.1	10760.5	10030.5	9281.8	8553.5	7786.9	7033.0	6310.6	5604.3	4897.5	4229.8
20°	12201.7	11442.3	10654.8	9844.1	9037.7	8247.7	7436.5	6668.4	5922.4	5190.4	4486.4
17.5°	12865.6	12061.1	11233.1	10357.6	9496.6	8657.0	7817.6	6996.2	6210.3	5445.1	4718.8
15°	13478.6	12624.8	11744.5	10828.7	9913.5	9014.6	8147.2	7284.8	6468.5	5671.5	4925.0
12.5°	14035.3	13130.2	12207.4	11242.1	10281.9	9331.0	8427.4	7544.8	6694.2	5873.2	5099.0
10°	14490.1	13548.9	12589.9	11599.9	10599.8	9606.5	8659.8	7754.5	6876.0	6033.9	5243.8
7.5°	14859.4	13877.8	12882.0	11883.0	10852.7	9836.5	8853.4	7913.1	7017.9	6151.3	5357.8
5°	15147.7	14136.9	13105.5	12091.2	11035.3	9997.6	8998.1	8019.7	7117.4	6226.7	5439.8
2.5°	15345.4	14313.0	13244.5	12216.7	11153.8	10097.9	9105.7	8102.3	7188.3	6306.1	5511.7
0°	15465.2	14444.7	13348.6	12303.8	11261.4	10153.1	9179.0	8158.6	7218.7	6357.0	5548.9
-2.5°	15345.4	14313.0	13244.5	12216.7	11153.8	10097.9	9105.7	8102.3	7188.3	6306.1	5511.7
-5°	15147.7	14136.9	13105.5	12091.2	11035.3	9997.6	8998.1	8019.7	7117.4	6226.7	5439.8
-7.5°	14859.4	13877.8	12882.0	11883.0	10852.7	9836.5	8853.4	7913.1	7017.9	6151.3	5357.8
-10°	14490.1	13548.9	12589.9	11599.9	10599.8	9606.5	8659.8	7754.5	6876.0	6033.9	5243.8
-12.5°	14035.3	13130.2	12207.4	11242.1	10281.9	9331.0	8427.4	7544.8	6694.2	5873.2	5099.0
-15°	13478.6	12624.8	11744.5	10828.7	9913.5	9014.6	8147.2	7284.8	6468.5	5671.5	4925.0
-17.5°	12865.6	12061.1	11233.1	10357.6	9496.6	8657.0	7817.6	6996.2	6210.3	5445.1	4718.8
-20°	12201.7	11442.3	10654.8	9844.1	9037.7	8247.7	7436.5	6668.4	5922.4	5190.4	4486.4



REPORT NUMBER: P559187 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	11450.1	10760.5	10030.5	9281.8	8553.5	7786.9	7033.0	6310.6	5604.3	4897.5	4229.8
-25°	10665.3	10049.3	9385.4	8706.8	8012.4	7284.3	6608.7	5928.5	5251.3	4584.5	3953.7
-27.5°	9877.4	9315.1	8716.5	8082.4	7420.3	6795.6	6159.6	5512.7	4869.1	4255.6	3671.3
-30°	9078.6	8561.0	8010.8	7427.2	6848.3	6265.9	5674.3	5077.3	4479.6	3903.5	3359.1
-32.5°	8265.1	7797.9	7292.8	6781.5	6250.2	5705.8	5168.5	4624.1	4066.0	3547.2	3022.2
-35°	7458.0	7031.9	6581.0	6119.4	5628.4	5144.8	4649.0	4147.4	3658.9	3172.3	2671.0
-37.5°	6658.3	6272.9	5883.2	5460.5	5024.7	4580.4	4130.4	3689.0	3242.4	2786.7	2262.3
-40°	5889.0	5553.2	5194.9	4811.3	4428.8	4024.5	3639.1	3238.3	2820.2	2353.9	1812.3
-42.5°	5138.8	4835.7	4521.7	4198.6	3854.2	3513.8	3156.4	2775.3	2345.5	1851.9	1371.4
-45°	4431.8	4180.8	3900.9	3612.0	3311.1	2991.0	2653.3	2247.1	1799.4	1369.5	925.7
-47.5°	3777.2	3543.9	3294.3	3028.7	2748.1	2435.9	2058.5	1662.6	1290.3	916.6	753.4
-50°	3102.5	2889.2	2664.1	2417.8	2113.5	1783.2	1460.7	1139.1	876.4	726.5	606.8
-52.5°	2390.2	2185.3	1957.0	1706.2	1451.2	1180.0	912.4	798.9	668.4	587.9	528.2
-55°	1622.3	1452.2	1270.6	1060.7	864.2	776.6	679.3	602.7	555.4	501.2	465.5
-57.5°	968.0	850.3	781.6	705.5	622.2	576.1	542.6	504.1	471.3	439.1	409.2
-60°	650.3	590.1	565.3	538.0	507.3	477.1	456.8	432.2	403.1	380.0	356.3
-62.5°	496.7	487.3	462.8	440.4	424.1	411.5	387.8	362.4	342.7	325.4	302.3
-65°	377.6	359.4	347.8	347.0	337.9	319.3	300.8	291.8	281.7	264.9	247.1
-67.5°	300.8	291.8	283.9	272.9	263.7	254.1	249.0	239.8	227.4	212.3	202.1
-70°	250.5	244.6	238.2	231.1	223.8	215.8	207.1	196.3	182.7	168.0	159.7
-72.5°	207.4	203.7	198.9	192.8	185.7	178.7	170.0	158.9	145.9	131.0	119.4
-75°	171.5	169.7	166.8	161.1	154.6	147.2	138.3	124.9	108.1	87.7	73.5
-77.5°	131.7	131.5	130.5	125.9	121.7	118.2	111.4	91.8	72.8	55.9	47.5
-80°	82.5	86.7	89.4	86.6	83.0	78.5	71.8	58.8	47.4	37.9	32.0
-82.5°	47.8	49.2	49.7	46.7	43.8	41.1	38.3	32.0	26.3	21.2	17.2
-85°	13.1	12.7	12.4	13.3	14.1	14.6	14.9	13.0	11.4	10.0	8.9
-87.5°	2.3	2.2	2.2	2.1	2.1	2.0	2.0	2.4	2.8	3.2	3.5
-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: P559187 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-935-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°	3.3	3.1	3.0	2.8	3.0	3.1	3.1	3.1	2.8	2.5	2.2
85°	9.0	8.7	8.2	7.4	6.9	6.1	6.2	6.2	5.6	5.0	4.4
82.5°	17.3	17.5	17.6	17.3	17.2	16.5	15.4	13.8	10.8	7.8	6.6
80°	35.9	37.9	37.9	35.6	31.2	27.1	26.0	23.9	19.7	15.7	11.7
77.5°	54.7	60.0	63.2	61.9	55.1	48.6	42.3	35.7	28.6	23.4	18.4
75°	74.9	81.8	87.0	86.9	79.7	70.1	61.6	52.8	42.3	31.7	24.9
72.5°	113.3	110.7	111.5	112.1	105.9	96.6	84.2	69.7	57.6	45.3	32.8
70°	152.1	142.0	135.2	134.0	130.8	123.9	111.5	92.7	72.8	58.7	44.7
67.5°	192.8	182.7	169.7	158.3	154.1	148.1	138.6	116.6	93.1	72.1	56.3
65°	234.6	222.5	210.3	193.6	180.9	172.4	162.7	139.2	112.6	88.4	67.7
62.5°	280.2	260.5	244.9	226.8	209.6	196.6	186.3	160.9	131.7	104.1	80.1
60°	330.4	305.2	279.6	258.2	237.7	219.3	204.6	182.6	152.3	119.0	92.4
57.5°	381.2	350.5	318.6	290.2	266.1	243.2	222.0	200.8	172.9	137.1	103.5
55°	432.3	398.1	357.6	322.9	294.3	268.8	241.0	217.2	192.3	156.1	112.1
52.5°	481.7	442.8	399.6	356.5	321.4	292.7	261.9	233.6	207.5	175.0	124.8
50°	542.0	485.8	440.2	393.6	348.3	314.6	281.6	251.0	222.5	192.2	136.6
47.5°	611.9	540.6	480.5	429.7	380.7	336.2	301.2	267.4	237.4	205.6	147.0
45°	751.1	603.0	527.5	467.0	411.4	362.2	320.7	282.6	251.0	211.4	155.7
42.5°	910.2	719.4	582.9	503.8	444.5	388.2	339.6	299.4	263.6	215.2	160.6
40°	1293.0	864.7	657.4	552.9	477.7	412.5	361.2	316.1	274.2	217.5	162.4
37.5°	1686.3	1134.5	788.4	600.5	513.1	442.2	381.5	332.3	278.8	219.8	162.9
35°	2085.3	1487.1	916.8	686.6	555.5	471.0	400.0	348.3	289.1	222.1	162.1
32.5°	2464.2	1827.6	1211.4	800.5	596.1	498.9	421.8	364.2	302.0	224.4	159.9
30°	2789.1	2158.4	1503.2	909.3	652.8	533.4	446.0	379.3	317.5	226.5	157.6
27.5°	3084.6	2467.3	1777.5	1120.1	746.7	566.6	468.8	393.5	335.3	232.1	158.0
25°	3356.6	2730.8	2042.4	1351.3	834.8	598.3	489.5	406.9	349.4	244.1	158.1
22.5°	3596.8	2965.4	2284.6	1561.8	914.2	629.0	511.8	424.1	360.1	256.8	157.8
20°	3812.4	3178.6	2504.7	1756.3	1044.8	694.8	535.8	439.4	369.8	269.9	156.9
17.5°	4006.3	3363.9	2689.8	1940.7	1201.0	752.9	557.7	452.7	378.6	283.1	155.4
15°	4195.5	3521.3	2846.9	2103.8	1338.5	803.3	577.4	464.1	386.3	295.9	154.6
12.5°	4354.6	3655.9	2979.4	2244.8	1456.7	845.9	594.7	473.6	392.9	307.2	153.6
10°	4482.2	3767.0	3087.2	2362.8	1555.0	880.6	609.4	480.7	398.0	316.6	150.5
7.5°	4578.5	3854.0	3170.4	2457.0	1632.8	909.2	618.8	484.9	402.0	324.1	145.8
5°	4647.9	3919.5	3231.0	2526.6	1689.0	932.6	624.8	487.0	405.1	329.5	139.6
2.5°	4705.3	3965.6	3268.9	2571.2	1723.3	948.7	627.7	487.3	407.0	332.2	132.4
0°	4733.5	3986.5	3283.4	2590.1	1735.7	957.0	627.4	485.8	407.7	332.0	124.5
-2.5°	4705.3	3965.6	3268.9	2571.2	1723.3	948.7	627.7	487.3	407.0	332.2	132.4
-5°	4647.9	3919.5	3231.0	2526.6	1689.0	932.6	624.8	487.0	405.1	329.5	139.6
-7.5°	4578.5	3854.0	3170.4	2457.0	1632.8	909.2	618.8	484.9	402.0	324.1	145.8
-10°	4482.2	3767.0	3087.2	2362.8	1555.0	880.6	609.4	480.7	398.0	316.6	150.5
-12.5°	4354.6	3655.9	2979.4	2244.8	1456.7	845.9	594.7	473.6	392.9	307.2	153.6
-15°	4195.5	3521.3	2846.9	2103.8	1338.5	803.3	577.4	464.1	386.3	295.9	154.6
-17.5°	4006.3	3363.9	2689.8	1940.7	1201.0	752.9	557.7	452.7	378.6	283.1	155.4
-20°	3812.4	3178.6	2504.7	1756.3	1044.8	694.8	535.8	439.4	369.8	269.9	156.9



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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°	3596.8	2965.4	2284.6	1561.8	914.2	629.0	511.8	424.1	360.1	256.8	157.8
-25°	3356.6	2730.8	2042.4	1351.3	834.8	598.3	489.5	406.9	349.4	244.1	158.1
-27.5°	3084.6	2467.3	1777.5	1120.1	746.7	566.6	468.8	393.5	335.3	232.1	158.0
-30°	2789.1	2158.4	1503.2	909.3	652.8	533.4	446.0	379.3	317.5	226.5	157.6
-32.5°	2464.2	1827.6	1211.4	800.5	596.1	498.9	421.8	364.2	302.0	224.4	159.9
-35°	2085.3	1487.1	916.8	686.6	555.5	471.0	400.0	348.3	289.1	222.1	162.1
-37.5°	1686.3	1134.5	788.4	600.5	513.1	442.2	381.5	332.3	278.8	219.8	162.9
-40°	1293.0	864.7	657.4	552.9	477.7	412.5	361.2	316.1	274.2	217.5	162.4
-42.5°	910.2	719.4	582.9	503.8	444.5	388.2	339.6	299.4	263.6	215.2	160.6
-45°	751.1	603.0	527.5	467.0	411.4	362.2	320.7	282.6	251.0	211.4	155.7
-47.5°	611.9	540.6	480.5	429.7	380.7	336.2	301.2	267.4	237.4	205.6	147.0
-50°	542.0	485.8	440.2	393.6	348.3	314.6	281.6	251.0	222.5	192.2	136.6
-52.5°	481.7	442.8	399.6	356.5	321.4	292.7	261.9	233.6	207.5	175.0	124.8
-55°	432.3	398.1	357.6	322.9	294.3	268.8	241.0	217.2	192.3	156.1	112.1
-57.5°	381.2	350.5	318.6	290.2	266.1	243.2	222.0	200.8	172.9	137.1	103.5
-60°	330.4	305.2	279.6	258.2	237.7	219.3	204.6	182.6	152.3	119.0	92.4
-62.5°	280.2	260.5	244.9	226.8	209.6	196.6	186.3	160.9	131.7	104.1	80.1
-65°	234.6	222.5	210.3	193.6	180.9	172.4	162.7	139.2	112.6	88.4	67.7
-67.5°	192.8	182.7	169.7	158.3	154.1	148.1	138.6	116.6	93.1	72.1	56.3
-70°	152.1	142.0	135.2	134.0	130.8	123.9	111.5	92.7	72.8	58.7	44.7
-72.5°	113.3	110.7	111.5	112.1	105.9	96.6	84.2	69.7	57.6	45.3	32.8
-75°	74.9	81.8	87.0	86.9	79.7	70.1	61.6	52.8	42.3	31.7	24.9
-77.5°	54.7	60.0	63.2	61.9	55.1	48.6	42.3	35.7	28.6	23.4	18.4
-80°	35.9	37.9	37.9	35.6	31.2	27.1	26.0	23.9	19.7	15.7	11.7
-82.5°	17.3	17.5	17.6	17.3	17.2	16.5	15.4	13.8	10.8	7.8	6.6
-85°	9.0	8.7	8.2	7.4	6.9	6.1	6.2	6.2	5.6	5.0	4.4
-87.5°	3.3	3.1	3.0	2.8	3.0	3.1	3.1	3.1	2.8	2.5	2.2
-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°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
85°	3.8	3.2	2.5	1.9	1.3	0.6	0.0
82.5°	5.7	4.7	3.8	2.9	1.9	1.0	0.0
80°	8.0	6.3	5.0	3.8	2.5	1.3	0.0
77.5°	13.4	8.7	6.3	4.7	3.2	1.6	0.0
75°	18.8	12.5	7.8	5.7	3.8	1.9	0.0
72.5°	23.9	16.3	10.3	6.6	4.4	2.2	0.0
70°	29.5	19.9	12.8	7.6	5.0	2.5	0.0
67.5°	38.4	23.3	15.2	9.1	5.6	2.8	0.0
65°	46.9	27.9	17.4	10.5	6.2	3.1	0.0
62.5°	54.7	33.4	19.5	11.8	6.7	3.4	0.0
60°	61.8	38.5	21.5	13.1	7.3	3.6	0.0
57.5°	69.0	43.1	24.5	14.3	8.0	3.9	0.0
55°	75.5	47.2	27.2	15.3	8.7	4.2	0.0
52.5°	81.0	50.8	29.6	16.3	9.4	4.4	0.0
50°	85.6	54.1	31.7	17.2	10.1	4.7	0.0
47.5°	89.9	56.8	33.4	18.1	10.7	4.9	0.0
45°	97.1	58.9	34.8	19.0	11.4	5.2	0.0
42.5°	103.2	60.2	35.7	19.8	11.9	5.4	0.0
40°	108.0	60.9	36.4	20.7	12.5	5.6	0.0
37.5°	111.6	60.9	36.7	21.7	13.0	5.8	0.0
35°	114.0	62.3	36.5	22.7	13.5	6.0	0.0
32.5°	114.5	63.9	36.0	23.5	14.0	6.2	0.0
30°	112.4	64.8	35.1	24.4	14.5	6.3	0.0
27.5°	109.3	64.8	36.0	25.1	14.9	6.5	0.0
25°	105.4	64.0	37.1	25.9	15.3	6.6	0.0
22.5°	100.6	64.0	38.1	26.5	15.6	6.7	0.0
20°	95.0	67.0	39.1	27.1	15.9	6.9	0.0
17.5°	94.0	69.6	40.0	27.6	16.2	7.0	0.0
15°	95.9	71.9	40.8	28.0	16.4	7.1	0.0
12.5°	97.6	73.8	41.6	28.4	16.6	7.1	0.0
10°	99.1	75.4	42.2	28.7	16.8	7.2	0.0
7.5°	100.3	76.6	42.8	29.0	16.9	7.2	0.0
5°	101.3	77.4	43.3	29.2	17.0	7.3	0.0
2.5°	102.0	77.9	43.6	29.3	17.1	7.3	0.0
0°	102.5	78.1	43.9	29.3	17.1	7.3	0.0
-2.5°	102.0	77.9	43.6	29.3	17.1	7.3	0.0
-5°	101.3	77.4	43.3	29.2	17.0	7.3	0.0
-7.5°	100.3	76.6	42.8	29.0	16.9	7.2	0.0
-10°	99.1	75.4	42.2	28.7	16.8	7.2	0.0
-12.5°	97.6	73.8	41.6	28.4	16.6	7.1	0.0
-15°	95.9	71.9	40.8	28.0	16.4	7.1	0.0
-17.5°	94.0	69.6	40.0	27.6	16.2	7.0	0.0
-20°	95.0	67.0	39.1	27.1	15.9	6.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	100.6	64.0	38.1	26.5	15.6	6.7	0.0
-25°	105.4	64.0	37.1	25.9	15.3	6.6	0.0
-27.5°	109.3	64.8	36.0	25.1	14.9	6.5	0.0
-30°	112.4	64.8	35.1	24.4	14.5	6.3	0.0
-32.5°	114.5	63.9	36.0	23.5	14.0	6.2	0.0
-35°	114.0	62.3	36.5	22.7	13.5	6.0	0.0
-37.5°	111.6	60.9	36.7	21.7	13.0	5.8	0.0
-40°	108.0	60.9	36.4	20.7	12.5	5.6	0.0
-42.5°	103.2	60.2	35.7	19.8	11.9	5.4	0.0
-45°	97.1	58.9	34.8	19.0	11.4	5.2	0.0
-47.5°	89.9	56.8	33.4	18.1	10.7	4.9	0.0
-50°	85.6	54.1	31.7	17.2	10.1	4.7	0.0
-52.5°	81.0	50.8	29.6	16.3	9.4	4.4	0.0
-55°	75.5	47.2	27.2	15.3	8.7	4.2	0.0
-57.5°	69.0	43.1	24.5	14.3	8.0	3.9	0.0
-60°	61.8	38.5	21.5	13.1	7.3	3.6	0.0
-62.5°	54.7	33.4	19.5	11.8	6.7	3.4	0.0
-65°	46.9	27.9	17.4	10.5	6.2	3.1	0.0
-67.5°	38.4	23.3	15.2	9.1	5.6	2.8	0.0
-70°	29.5	19.9	12.8	7.6	5.0	2.5	0.0
-72.5°	23.9	16.3	10.3	6.6	4.4	2.2	0.0
-75°	18.8	12.5	7.8	5.7	3.8	1.9	0.0
-77.5°	13.4	8.7	6.3	4.7	3.2	1.6	0.0
-80°	8.0	6.3	5.0	3.8	2.5	1.3	0.0
-82.5°	5.7	4.7	3.8	2.9	1.9	1.0	0.0
-85°	3.8	3.2	2.5	1.9	1.3	0.6	0.0
-87.5°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)