

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: P559211 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-930-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559211 (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-SA6D-930-U-WR-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, WIDE SYMMETRICAL ROUND N6
Light Source: (96) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

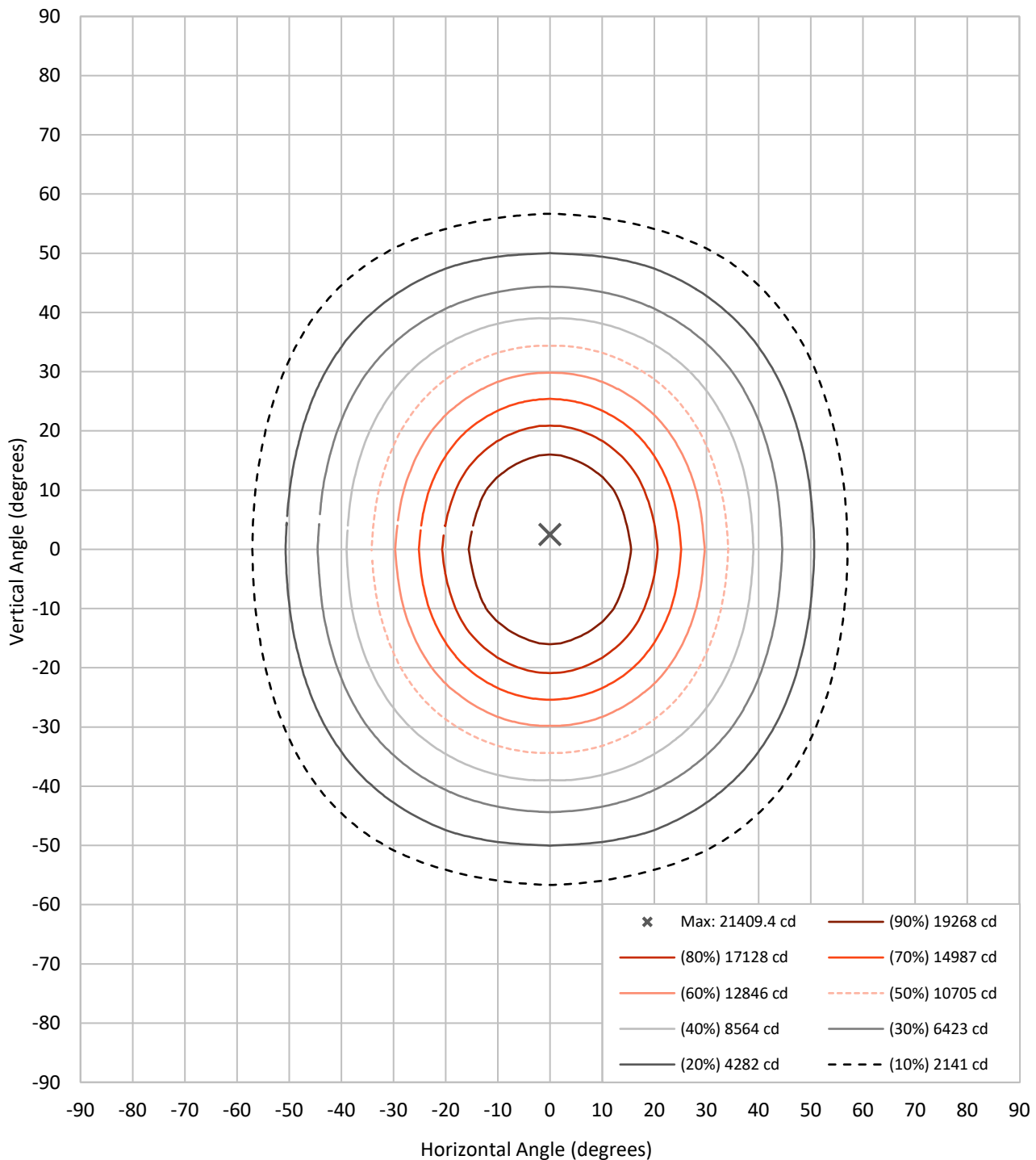
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	28975.7 lumens	Max Intensity:	21409.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	90.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	17373 lumens	Field Lumens:	27679.5 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 319
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: P559211 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





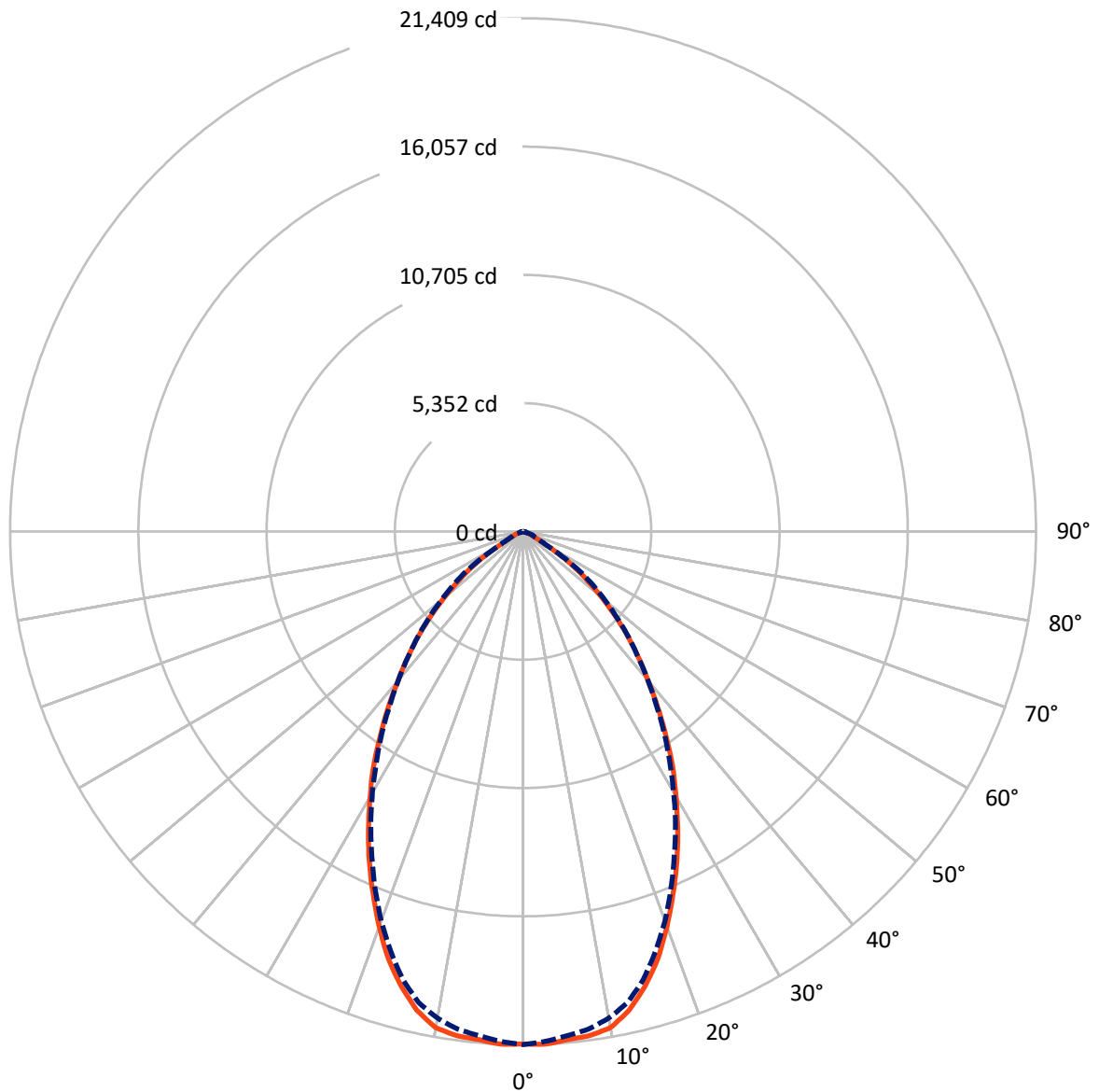
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Lumen Table

90																
80	0.2	2.8		7.0		12.1		8.5		12.1		7.0		2.8		0.2
70																
60	1.3	2.0	3.9	6.2	8.9	11.7	14.4	16.2	16.2	14.4	11.7	8.9	6.2	3.9	2.0	1.3
50		3.2	6.5	11.7	22.5	43.6	65.3	78.2	78.2	65.3	43.6	22.5	11.7	6.5	3.2	
40	2.3	4.2	9.5	27.7	73.0	121.5	161.5	184.2	184.2	161.5	121.5	73.0	27.7	9.5	4.2	2.3
30		5.1	16.3	64.0	131.1	204.8	271.3	311.2	311.2	271.3	204.8	131.1	64.0	16.3	5.1	
20	2.5	6.2	29.7	96.7	186.1	291.1	389.2	450.8	450.8	389.2	291.1	186.1	96.7	29.7	6.2	2.5
10		7.3	42.3	120.4	229.3	363.8	495.5	578.8	578.8	495.5	363.8	229.3	120.4	42.3	7.3	
0	2.6	8.0	49.4	133.1	253.6	406.5	556.6	636.2	636.2	556.6	406.5	253.6	133.1	49.4	8.0	2.6
-10		8.0	49.4	133.1	253.6	406.5	556.6	636.2	636.2	556.6	406.5	253.6	133.1	49.4	8.0	
-20	2.5	7.3	42.3	120.4	229.3	363.8	495.5	578.8	578.8	495.5	363.8	229.3	120.4	42.3	7.3	2.5
-30		6.2	29.7	96.7	186.1	291.1	389.2	450.8	450.8	389.2	291.1	186.1	96.7	29.7	6.2	
-40	2.3	5.1	16.3	64.0	131.1	204.8	271.3	311.2	311.2	271.3	204.8	131.1	64.0	16.3	5.1	2.3
-50		4.2	9.5	27.7	73.0	121.5	161.5	184.2	184.2	161.5	121.5	73.0	27.7	9.5	4.2	
-60	1.3	3.2	6.5	11.7	22.5	43.6	65.3	78.2	78.2	65.3	43.6	22.5	11.7	6.5	3.2	1.3
-70		2.0	3.9	6.2	8.9	11.7	14.4	16.2	16.2	14.4	11.7	8.9	6.2	3.9	2.0	
-80																
-90	0.2	2.8		7.0		12.1		8.5		12.1		7.0		2.8		0.2

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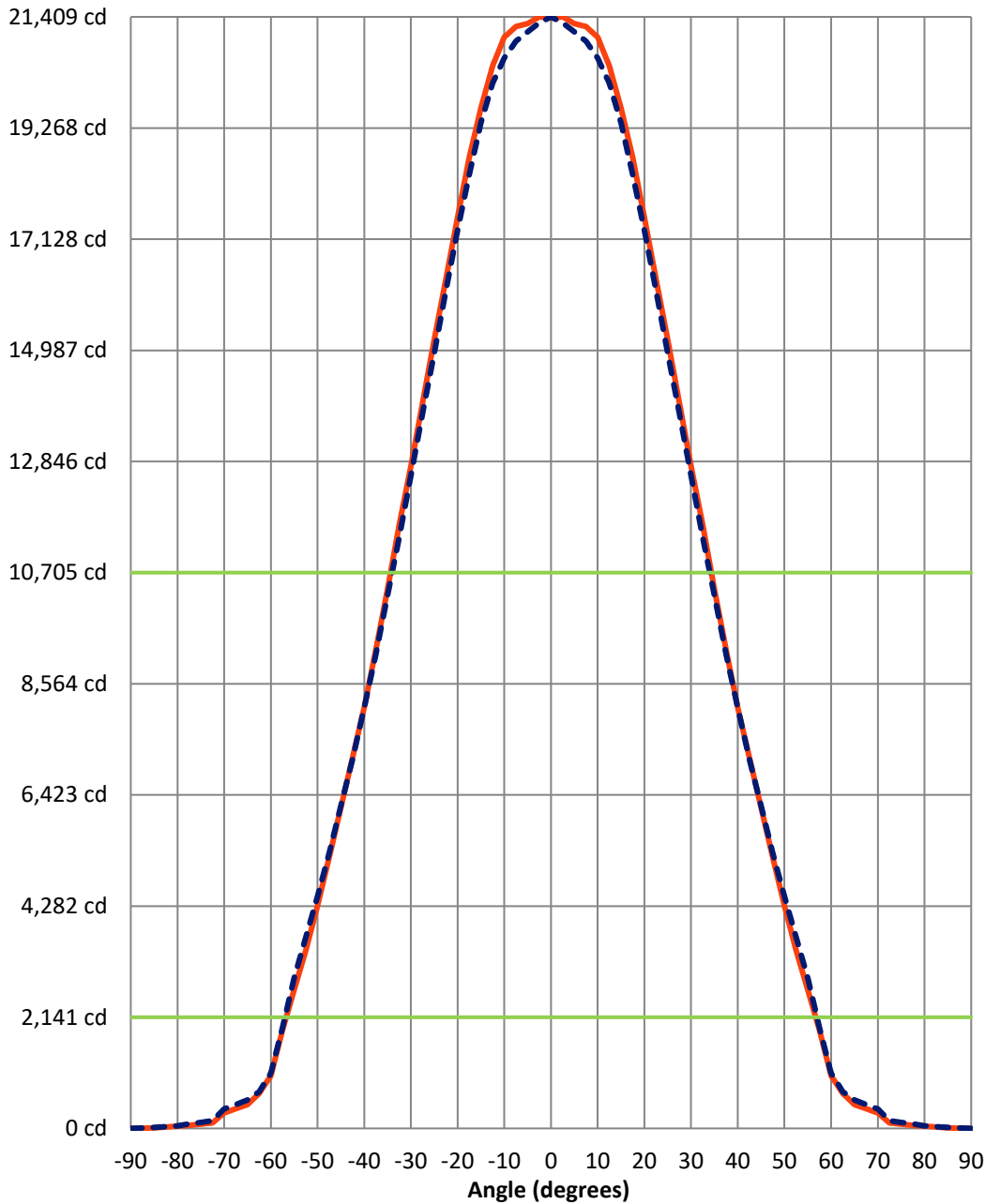
Luminous Intensity Polar Plot



— 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: 17373
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 27679.5
Efficiency: 95.5%

Spill:
Lumens: 1296.2
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	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.2	3.5
85°	0.0	0.7	1.4	2.2	2.9	3.6	4.3	5.0	5.7	6.3	7.0
82.5°	0.0	1.1	2.2	3.2	4.3	5.4	6.4	7.5	8.9	12.2	15.6
80°	0.0	1.4	2.9	4.3	5.7	7.2	9.0	13.3	17.7	22.3	27.0
77.5°	0.0	1.8	3.6	5.4	7.2	9.8	15.2	20.8	26.4	32.3	40.3
75°	0.0	2.1	4.3	6.4	8.8	14.2	21.2	28.1	35.7	47.7	59.5
72.5°	0.0	2.5	5.0	7.5	11.7	18.4	27.0	37.0	51.1	64.9	78.6
70°	0.0	2.8	5.7	8.6	14.5	22.5	33.2	50.3	66.2	82.1	104.6
67.5°	0.0	3.2	6.3	10.3	17.1	26.3	43.3	63.4	81.3	104.9	131.5
65°	0.0	3.5	7.0	11.9	19.6	31.5	52.8	76.3	99.7	126.9	157.0
62.5°	0.0	3.8	7.7	13.4	22.0	37.7	61.6	90.3	117.3	148.5	181.3
60°	0.0	4.1	8.3	14.8	24.2	43.4	69.7	104.1	134.1	171.7	205.9
57.5°	0.0	4.5	9.1	16.1	27.6	48.6	77.8	116.6	154.5	194.9	226.4
55°	0.0	4.8	9.9	17.3	30.7	53.2	85.1	126.3	175.9	216.8	244.9
52.5°	0.0	5.1	10.7	18.4	33.4	57.2	91.3	140.6	197.2	233.9	263.4
50°	0.0	5.3	11.4	19.4	35.7	61.0	96.5	154.0	216.6	250.9	283.0
47.5°	0.0	5.6	12.2	20.4	37.7	64.0	101.3	165.7	231.8	267.7	301.4
45°	0.0	5.9	12.8	21.5	39.2	66.3	109.5	175.5	238.3	283.0	318.7
42.5°	0.0	6.1	13.5	22.3	40.3	67.9	116.3	181.0	242.6	297.2	337.6
40°	0.0	6.4	14.1	23.3	41.0	68.6	121.8	183.1	245.2	309.1	356.4
37.5°	0.0	6.6	14.7	24.5	41.3	68.6	125.9	183.7	247.8	314.3	374.6
35°	0.0	6.8	15.3	25.5	41.2	70.2	128.6	182.7	250.4	325.9	392.6
32.5°	0.0	7.0	15.8	26.5	40.6	72.1	129.2	180.3	252.9	340.5	410.6
30°	0.0	7.2	16.3	27.5	39.6	73.0	126.7	177.6	255.4	357.9	427.7
27.5°	0.0	7.4	16.8	28.3	40.6	73.1	123.2	178.2	261.7	378.0	443.7
25°	0.0	7.5	17.2	29.1	41.8	72.2	118.8	178.3	275.2	393.9	458.8
22.5°	0.0	7.7	17.6	29.9	43.0	72.2	113.4	177.9	289.5	405.9	478.2
20°	0.0	7.8	18.0	30.5	44.1	75.6	107.1	176.9	304.3	416.9	495.3
17.5°	0.0	7.9	18.3	31.1	45.1	78.5	105.9	175.2	319.1	426.8	510.4
15°	0.0	8.0	18.5	31.6	46.0	81.1	108.1	174.3	333.5	435.4	523.2
12.5°	0.0	8.1	18.8	32.0	46.9	83.3	110.0	173.2	346.4	442.9	533.9
10°	0.0	8.2	19.0	32.4	47.6	85.0	111.7	169.7	356.9	448.6	542.0
7.5°	0.0	8.2	19.1	32.6	48.2	86.4	113.1	164.3	365.4	453.2	546.6
5°	0.0	8.3	19.2	32.8	48.8	87.3	114.2	157.4	371.4	456.7	549.0
2.5°	0.0	8.3	19.3	33.0	49.2	87.9	115.1	149.3	374.5	458.8	549.3
0°	0.0	8.3	19.3	33.0	49.5	88.1	115.6	140.4	374.3	459.6	547.7
-2.5°	0.0	8.3	19.3	33.0	49.2	87.9	115.1	149.3	374.5	458.8	549.3
-5°	0.0	8.3	19.2	32.8	48.8	87.3	114.2	157.4	371.4	456.7	549.0
-7.5°	0.0	8.2	19.1	32.6	48.2	86.4	113.1	164.3	365.4	453.2	546.6
-10°	0.0	8.2	19.0	32.4	47.6	85.0	111.7	169.7	356.9	448.6	542.0
-12.5°	0.0	8.1	18.8	32.0	46.9	83.3	110.0	173.2	346.4	442.9	533.9
-15°	0.0	8.0	18.5	31.6	46.0	81.1	108.1	174.3	333.5	435.4	523.2
-17.5°	0.0	7.9	18.3	31.1	45.1	78.5	105.9	175.2	319.1	426.8	510.4
-20°	0.0	7.8	18.0	30.5	44.1	75.6	107.1	176.9	304.3	416.9	495.3



REPORT NUMBER: P559211 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-930-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	7.7	17.6	29.9	43.0	72.2	113.4	177.9	289.5	405.9	478.2
-25°	0.0	7.5	17.2	29.1	41.8	72.2	118.8	178.3	275.2	393.9	458.8
-27.5°	0.0	7.4	16.8	28.3	40.6	73.1	123.2	178.2	261.7	378.0	443.7
-30°	0.0	7.2	16.3	27.5	39.6	73.0	126.7	177.6	255.4	357.9	427.7
-32.5°	0.0	7.0	15.8	26.5	40.6	72.1	129.2	180.3	252.9	340.5	410.6
-35°	0.0	6.8	15.3	25.5	41.2	70.2	128.6	182.7	250.4	325.9	392.6
-37.5°	0.0	6.6	14.7	24.5	41.3	68.6	125.9	183.7	247.8	314.3	374.6
-40°	0.0	6.4	14.1	23.3	41.0	68.6	121.8	183.1	245.2	309.1	356.4
-42.5°	0.0	6.1	13.5	22.3	40.3	67.9	116.3	181.0	242.6	297.2	337.6
-45°	0.0	5.9	12.8	21.5	39.2	66.3	109.5	175.5	238.3	283.0	318.7
-47.5°	0.0	5.6	12.2	20.4	37.7	64.0	101.3	165.7	231.8	267.7	301.4
-50°	0.0	5.3	11.4	19.4	35.7	61.0	96.5	154.0	216.6	250.9	283.0
-52.5°	0.0	5.1	10.7	18.4	33.4	57.2	91.3	140.6	197.2	233.9	263.4
-55°	0.0	4.8	9.9	17.3	30.7	53.2	85.1	126.3	175.9	216.8	244.9
-57.5°	0.0	4.5	9.1	16.1	27.6	48.6	77.8	116.6	154.5	194.9	226.4
-60°	0.0	4.1	8.3	14.8	24.2	43.4	69.7	104.1	134.1	171.7	205.9
-62.5°	0.0	3.8	7.7	13.4	22.0	37.7	61.6	90.3	117.3	148.5	181.3
-65°	0.0	3.5	7.0	11.9	19.6	31.5	52.8	76.3	99.7	126.9	157.0
-67.5°	0.0	3.2	6.3	10.3	17.1	26.3	43.3	63.4	81.3	104.9	131.5
-70°	0.0	2.8	5.7	8.6	14.5	22.5	33.2	50.3	66.2	82.1	104.6
-72.5°	0.0	2.5	5.0	7.5	11.7	18.4	27.0	37.0	51.1	64.9	78.6
-75°	0.0	2.1	4.3	6.4	8.8	14.2	21.2	28.1	35.7	47.7	59.5
-77.5°	0.0	1.8	3.6	5.4	7.2	9.8	15.2	20.8	26.4	32.3	40.3
-80°	0.0	1.4	2.9	4.3	5.7	7.2	9.0	13.3	17.7	22.3	27.0
-82.5°	0.0	1.1	2.2	3.2	4.3	5.4	6.4	7.5	8.9	12.2	15.6
-85°	0.0	0.7	1.4	2.2	2.9	3.6	4.3	5.0	5.7	6.3	7.0
-87.5°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	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



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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°	3.5	3.5	3.3	3.2	3.3	3.5	3.7	3.9	3.6	3.2	2.8
85°	7.0	6.9	7.8	8.4	9.2	9.8	10.1	10.1	11.3	12.9	14.7
82.5°	17.4	18.7	19.4	19.5	19.8	19.7	19.5	19.4	23.9	29.7	36.1
80°	29.3	30.5	35.2	40.2	42.7	42.7	40.4	36.0	42.7	53.4	66.3
77.5°	47.8	54.8	62.2	69.8	71.2	67.6	61.6	53.5	63.0	82.0	103.5
75°	69.5	79.1	89.8	97.9	98.0	92.1	84.4	82.8	98.8	121.8	140.8
72.5°	94.9	108.9	119.4	126.3	125.7	124.7	127.8	134.5	147.7	164.5	179.1
70°	125.7	139.7	147.4	151.0	152.4	160.1	171.4	180.0	189.4	205.9	221.3
67.5°	156.2	167.0	173.7	178.5	191.3	205.9	217.3	227.8	239.4	256.3	270.3
65°	183.4	194.4	204.0	218.3	237.0	250.8	264.5	278.6	298.7	317.6	329.0
62.5°	210.0	221.7	236.3	255.7	276.0	293.7	315.8	340.9	366.9	386.4	408.6
60°	230.7	247.3	268.0	291.1	315.2	344.1	372.5	401.7	428.5	454.5	487.3
57.5°	250.3	274.2	300.0	327.2	359.2	395.2	429.8	461.4	495.0	531.3	568.3
55°	271.8	303.0	331.8	364.1	403.2	448.8	487.4	524.8	565.1	626.1	679.5
52.5°	295.3	330.0	362.4	401.9	450.5	499.2	543.1	595.5	662.8	753.6	900.7
50°	317.5	354.7	392.6	443.7	496.3	547.7	611.1	684.1	819.0	988.1	1284.3
47.5°	339.6	379.0	429.2	484.4	541.7	609.5	689.9	849.5	1033.4	1454.6	1874.4
45°	361.5	408.3	463.8	526.5	594.8	679.8	846.8	1043.6	1544.0	2028.6	2533.3
42.5°	382.8	437.7	501.2	568.0	657.1	811.0	1026.2	1546.1	2087.8	2644.3	3128.8
40°	407.1	465.1	538.6	623.3	741.2	974.9	1457.8	2043.1	2653.7	3179.4	3650.8
37.5°	430.1	498.6	578.4	677.1	888.9	1279.0	1901.1	2550.4	3141.7	3655.4	4158.9
35°	451.0	531.0	626.2	774.0	1033.6	1676.6	2351.0	3011.3	3576.4	4124.9	4675.7
32.5°	475.6	562.4	672.1	902.5	1365.7	2060.5	2778.1	3407.2	3999.0	4584.0	5213.1
30°	502.8	601.3	736.0	1025.1	1694.7	2433.4	3144.4	3787.0	4400.7	5050.2	5724.1
27.5°	528.5	638.8	841.8	1262.8	2004.0	2781.6	3477.6	4139.0	4797.7	5489.4	6214.9
25°	551.8	674.4	941.1	1523.4	2302.5	3078.7	3784.1	4457.3	5168.5	5920.2	6683.6
22.5°	576.9	709.2	1030.6	1760.8	2575.6	3343.1	4055.0	4768.6	5521.4	6318.2	7114.5
20°	604.0	783.3	1177.9	1980.0	2823.8	3583.5	4298.0	5057.9	5851.6	6676.8	7517.9
17.5°	628.7	848.9	1353.9	2187.9	3032.4	3792.4	4516.7	5319.9	6138.8	7001.5	7887.3
15°	650.9	905.7	1509.0	2371.8	3209.6	3969.9	4730.0	5552.5	6394.0	7292.5	8212.7
12.5°	670.5	953.7	1642.3	2530.8	3359.0	4121.6	4909.3	5748.6	6621.4	7547.0	8505.9
10°	687.1	992.9	1753.1	2663.8	3480.5	4246.9	5053.2	5911.8	6802.5	7751.9	8742.3
7.5°	697.7	1025.1	1840.8	2769.9	3574.3	4344.9	5161.8	6040.4	6934.9	7911.9	8921.1
5°	704.4	1051.4	1904.2	2848.4	3642.6	4418.8	5240.0	6132.8	7019.9	8024.1	9041.4
2.5°	707.7	1069.6	1942.8	2898.7	3685.4	4470.7	5304.7	6213.8	7109.3	8104.0	9134.5
0°	707.3	1078.9	1956.8	2920.1	3701.7	4494.3	5336.5	6255.8	7166.7	8138.3	9197.9
-2.5°	707.7	1069.6	1942.8	2898.7	3685.4	4470.7	5304.7	6213.8	7109.3	8104.0	9134.5
-5°	704.4	1051.4	1904.2	2848.4	3642.6	4418.8	5240.0	6132.8	7019.9	8024.1	9041.4
-7.5°	697.7	1025.1	1840.8	2769.9	3574.3	4344.9	5161.8	6040.4	6934.9	7911.9	8921.1
-10°	687.1	992.9	1753.1	2663.8	3480.5	4246.9	5053.2	5911.8	6802.5	7751.9	8742.3
-12.5°	670.5	953.7	1642.3	2530.8	3359.0	4121.6	4909.3	5748.6	6621.4	7547.0	8505.9
-15°	650.9	905.7	1509.0	2371.8	3209.6	3969.9	4730.0	5552.5	6394.0	7292.5	8212.7
-17.5°	628.7	848.9	1353.9	2187.9	3032.4	3792.4	4516.7	5319.9	6138.8	7001.5	7887.3
-20°	604.0	783.3	1177.9	1980.0	2823.8	3583.5	4298.0	5057.9	5851.6	6676.8	7517.9



REPORT NUMBER: P559211 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-930-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°	576.9	709.2	1030.6	1760.8	2575.6	3343.1	4055.0	4768.6	5521.4	6318.2	7114.5
-25°	551.8	674.4	941.1	1523.4	2302.5	3078.7	3784.1	4457.3	5168.5	5920.2	6683.6
-27.5°	528.5	638.8	841.8	1262.8	2004.0	2781.6	3477.6	4139.0	4797.7	5489.4	6214.9
-30°	502.8	601.3	736.0	1025.1	1694.7	2433.4	3144.4	3787.0	4400.7	5050.2	5724.1
-32.5°	475.6	562.4	672.1	902.5	1365.7	2060.5	2778.1	3407.2	3999.0	4584.0	5213.1
-35°	451.0	531.0	626.2	774.0	1033.6	1676.6	2351.0	3011.3	3576.4	4124.9	4675.7
-37.5°	430.1	498.6	578.4	677.1	888.9	1279.0	1901.1	2550.4	3141.7	3655.4	4158.9
-40°	407.1	465.1	538.6	623.3	741.2	974.9	1457.8	2043.1	2653.7	3179.4	3650.8
-42.5°	382.8	437.7	501.2	568.0	657.1	811.0	1026.2	1546.1	2087.8	2644.3	3128.8
-45°	361.5	408.3	463.8	526.5	594.8	679.8	846.8	1043.6	1544.0	2028.6	2533.3
-47.5°	339.6	379.0	429.2	484.4	541.7	609.5	689.9	849.5	1033.4	1454.6	1874.4
-50°	317.5	354.7	392.6	443.7	496.3	547.7	611.1	684.1	819.0	988.1	1284.3
-52.5°	295.3	330.0	362.4	401.9	450.5	499.2	543.1	595.5	662.8	753.6	900.7
-55°	271.8	303.0	331.8	364.1	403.2	448.8	487.4	524.8	565.1	626.1	679.5
-57.5°	250.3	274.2	300.0	327.2	359.2	395.2	429.8	461.4	495.0	531.3	568.3
-60°	230.7	247.3	268.0	291.1	315.2	344.1	372.5	401.7	428.5	454.5	487.3
-62.5°	210.0	221.7	236.3	255.7	276.0	293.7	315.8	340.9	366.9	386.4	408.6
-65°	183.4	194.4	204.0	218.3	237.0	250.8	264.5	278.6	298.7	317.6	329.0
-67.5°	156.2	167.0	173.7	178.5	191.3	205.9	217.3	227.8	239.4	256.3	270.3
-70°	125.7	139.7	147.4	151.0	152.4	160.1	171.4	180.0	189.4	205.9	221.3
-72.5°	94.9	108.9	119.4	126.3	125.7	124.7	127.8	134.5	147.7	164.5	179.1
-75°	69.5	79.1	89.8	97.9	98.0	92.1	84.4	82.8	98.8	121.8	140.8
-77.5°	47.8	54.8	62.2	69.8	71.2	67.6	61.6	53.5	63.0	82.0	103.5
-80°	29.3	30.5	35.2	40.2	42.7	42.7	40.4	36.0	42.7	53.4	66.3
-82.5°	17.4	18.7	19.4	19.5	19.8	19.7	19.5	19.4	23.9	29.7	36.1
-85°	7.0	6.9	7.8	8.4	9.2	9.8	10.1	10.1	11.3	12.9	14.7
-87.5°	3.5	3.5	3.3	3.2	3.3	3.5	3.7	3.9	3.6	3.2	2.8
-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: P559211 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-930-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°	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.8
85°	16.8	16.5	15.9	15.1	14.0	14.4	14.8	15.2	15.6	14.6	13.4
82.5°	43.2	46.4	49.4	52.6	56.0	55.5	53.9	51.7	48.8	43.5	37.6
80°	80.9	88.5	93.5	97.6	100.7	97.7	92.9	87.5	81.4	72.3	62.4
77.5°	125.6	133.2	137.2	141.9	147.1	148.2	148.5	149.0	149.6	132.7	111.3
75°	156.0	166.0	174.3	181.6	188.1	191.3	193.4	195.5	197.4	175.1	145.7
72.5°	191.7	201.4	209.4	217.4	224.4	229.7	233.9	237.3	240.0	221.9	196.2
70°	233.5	243.2	252.3	260.5	268.6	275.8	282.4	288.5	294.0	295.0	296.3
67.5°	280.7	286.5	297.3	307.6	320.0	329.0	339.1	348.5	357.2	364.6	370.7
65°	339.1	359.9	380.9	391.2	392.1	405.2	425.8	437.2	440.6	443.1	449.6
62.5°	437.2	464.0	478.1	496.5	521.9	549.5	560.0	575.2	593.7	614.6	633.5
60°	515.0	537.9	571.9	606.6	637.4	665.4	733.2	793.4	845.1	889.5	932.4
57.5°	611.8	649.4	701.4	795.3	881.1	958.6	1091.3	1253.2	1397.6	1523.8	1634.8
55°	765.8	875.5	974.3	1195.8	1432.4	1637.2	1828.9	2034.0	2200.9	2331.5	2452.2
52.5°	1028.7	1330.3	1636.0	1923.5	2206.3	2463.7	2694.6	2876.4	3018.3	3124.9	3225.7
50°	1646.8	2010.3	2382.7	2725.8	3003.5	3257.2	3497.7	3678.0	3828.8	3958.7	4073.7
47.5°	2320.7	2746.2	3098.2	3414.6	3713.9	3995.4	4258.4	4477.8	4663.6	4835.0	4977.7
45°	2991.3	3371.9	3732.8	4072.1	4397.9	4713.5	4996.3	5245.9	5491.8	5695.0	5855.7
42.5°	3558.4	3961.3	4345.2	4733.5	5097.7	5451.7	5793.4	6097.0	6358.2	6580.2	6758.9
40°	4102.6	4537.1	4993.0	5424.1	5856.6	6260.5	6639.1	6985.7	7283.2	7546.1	7768.5
37.5°	4656.6	5163.8	5664.7	6156.1	6632.6	7071.9	7506.4	7906.3	8254.9	8562.4	8820.8
35°	5241.2	5800.2	6345.3	6898.9	7419.3	7927.7	8408.0	8848.1	9234.2	9596.6	9908.1
32.5°	5826.8	6432.6	7046.4	7645.4	8221.9	8791.2	9317.9	9814.1	10270.4	10671.6	11004.1
30°	6397.1	7064.0	7720.7	8373.4	9031.2	9651.5	10235.1	10779.9	11275.1	11712.0	12089.9
27.5°	6944.2	7661.2	8365.6	9112.0	9826.9	10501.8	11135.6	11721.4	12274.2	12771.1	13200.0
25°	7450.6	8212.2	9033.1	9816.0	10581.0	11329.4	12023.9	12660.3	13292.2	13838.9	14304.6
22.5°	7928.9	8778.8	9643.2	10464.3	11308.3	12131.2	12908.6	13646.2	14321.1	14894.0	15390.5
20°	8383.8	9298.4	10189.0	11098.1	12012.1	12899.9	13756.1	14544.2	15257.3	15881.6	16441.6
17.5°	8813.5	9759.8	10706.3	11677.0	12664.1	13597.5	14504.5	15361.9	16140.5	16833.1	17464.4
15°	9185.1	10163.0	11176.4	12208.2	13240.6	14233.0	15195.7	16129.8	17005.6	17759.5	18396.2
12.5°	9500.9	10519.6	11591.7	12674.2	13762.4	14802.8	15823.2	16822.6	17753.7	18564.2	19217.9
10°	9762.9	10830.2	11950.0	13077.5	14193.7	15274.8	16335.9	17370.0	18370.1	19210.2	19881.6
7.5°	9981.2	11089.5	12235.2	13396.7	14523.0	15645.6	16752.3	17796.9	18782.2	19668.0	20358.1
5°	10144.3	11271.1	12441.0	13631.4	14775.0	15937.7	17077.2	18146.3	19121.8	19924.5	20487.7
2.5°	10265.7	11384.1	12574.5	13773.0	14931.6	16136.2	17300.2	18370.3	19368.7	20128.5	20616.2
0°	10348.3	11446.4	12695.9	13871.1	15049.0	16284.8	17435.2	18516.8	19518.6	20261.7	20765.4
-2.5°	10265.7	11384.1	12574.5	13773.0	14931.6	16136.2	17300.2	18370.3	19368.7	20128.5	20616.2
-5°	10144.3	11271.1	12441.0	13631.4	14775.0	15937.7	17077.2	18146.3	19121.8	19924.5	20487.7
-7.5°	9981.2	11089.5	12235.2	13396.7	14523.0	15645.6	16752.3	17796.9	18782.2	19668.0	20358.1
-10°	9762.9	10830.2	11950.0	13077.5	14193.7	15274.8	16335.9	17370.0	18370.1	19210.2	19881.6
-12.5°	9500.9	10519.6	11591.7	12674.2	13762.4	14802.8	15823.2	16822.6	17753.7	18564.2	19217.9
-15°	9185.1	10163.0	11176.4	12208.2	13240.6	14233.0	15195.7	16129.8	17005.6	17759.5	18396.2
-17.5°	8813.5	9759.8	10706.3	11677.0	12664.1	13597.5	14504.5	15361.9	16140.5	16833.1	17464.4
-20°	8383.8	9298.4	10189.0	11098.1	12012.1	12899.9	13756.1	14544.2	15257.3	15881.6	16441.6



REPORT NUMBER: P559211 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-930-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	7928.9	8778.8	9643.2	10464.3	11308.3	12131.2	12908.6	13646.2	14321.1	14894.0	15390.5
-25°	7450.6	8212.2	9033.1	9816.0	10581.0	11329.4	12023.9	12660.3	13292.2	13838.9	14304.6
-27.5°	6944.2	7661.2	8365.6	9112.0	9826.9	10501.8	11135.6	11721.4	12274.2	12771.1	13200.0
-30°	6397.1	7064.0	7720.7	8373.4	9031.2	9651.5	10235.1	10779.9	11275.1	11712.0	12089.9
-32.5°	5826.8	6432.6	7046.4	7645.4	8221.9	8791.2	9317.9	9814.1	10270.4	10671.6	11004.1
-35°	5241.2	5800.2	6345.3	6898.9	7419.3	7927.7	8408.0	8848.1	9234.2	9596.6	9908.1
-37.5°	4656.6	5163.8	5664.7	6156.1	6632.6	7071.9	7506.4	7906.3	8254.9	8562.4	8820.8
-40°	4102.6	4537.1	4993.0	5424.1	5856.6	6260.5	6639.1	6985.7	7283.2	7546.1	7768.5
-42.5°	3558.4	3961.3	4345.2	4733.5	5097.7	5451.7	5793.4	6097.0	6358.2	6580.2	6758.9
-45°	2991.3	3371.9	3732.8	4072.1	4397.9	4713.5	4996.3	5245.9	5491.8	5695.0	5855.7
-47.5°	2320.7	2746.2	3098.2	3414.6	3713.9	3995.4	4258.4	4477.8	4663.6	4835.0	4977.7
-50°	1646.8	2010.3	2382.7	2725.8	3003.5	3257.2	3497.7	3678.0	3828.8	3958.7	4073.7
-52.5°	1028.7	1330.3	1636.0	1923.5	2206.3	2463.7	2694.6	2876.4	3018.3	3124.9	3225.7
-55°	765.8	875.5	974.3	1195.8	1432.4	1637.2	1828.9	2034.0	2200.9	2331.5	2452.2
-57.5°	611.8	649.4	701.4	795.3	881.1	958.6	1091.3	1253.2	1397.6	1523.8	1634.8
-60°	515.0	537.9	571.9	606.6	637.4	665.4	733.2	793.4	845.1	889.5	932.4
-62.5°	437.2	464.0	478.1	496.5	521.9	549.5	560.0	575.2	593.7	614.6	633.5
-65°	339.1	359.9	380.9	391.2	392.1	405.2	425.8	437.2	440.6	443.1	449.6
-67.5°	280.7	286.5	297.3	307.6	320.0	329.0	339.1	348.5	357.2	364.6	370.7
-70°	233.5	243.2	252.3	260.5	268.6	275.8	282.4	288.5	294.0	295.0	296.3
-72.5°	191.7	201.4	209.4	217.4	224.4	229.7	233.9	237.3	240.0	221.9	196.2
-75°	156.0	166.0	174.3	181.6	188.1	191.3	193.4	195.5	197.4	175.1	145.7
-77.5°	125.6	133.2	137.2	141.9	147.1	148.2	148.5	149.0	149.6	132.7	111.3
-80°	80.9	88.5	93.5	97.6	100.7	97.7	92.9	87.5	81.4	72.3	62.4
-82.5°	43.2	46.4	49.4	52.6	56.0	55.5	53.9	51.7	48.8	43.5	37.6
-85°	16.8	16.5	15.9	15.1	14.0	14.4	14.8	15.2	15.6	14.6	13.4
-87.5°	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.8
-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: P559211 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-930-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°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7
85°	12.2	10.9	11.0	11.0	11.0	10.9	12.2	13.4	14.6	15.6	15.2
82.5°	31.3	24.8	26.1	27.5	26.1	24.8	31.3	37.6	43.5	48.8	51.7
80°	52.1	41.4	42.6	44.0	42.6	41.4	52.1	62.4	72.3	81.4	87.5
77.5°	88.3	64.1	61.8	60.5	61.8	64.1	88.3	111.3	132.7	149.6	149.0
75°	115.4	84.3	82.5	82.6	82.5	84.3	115.4	145.7	175.1	197.4	195.5
72.5°	170.4	144.0	125.8	107.3	125.8	144.0	170.4	196.2	221.9	240.0	237.3
70°	299.5	303.2	301.6	297.2	301.6	303.2	299.5	296.3	295.0	294.0	288.5
67.5°	375.8	379.8	380.6	379.8	380.6	379.8	375.8	370.7	364.6	357.2	348.5
65°	454.1	456.7	458.8	459.6	458.8	456.7	454.1	449.6	443.1	440.6	437.2
62.5°	647.7	657.2	667.2	674.3	667.2	657.2	647.7	633.5	614.6	593.7	575.2
60°	969.7	1000.7	1014.4	1015.6	1014.4	1000.7	969.7	932.4	889.5	845.1	793.4
57.5°	1723.6	1790.1	1849.2	1893.5	1849.2	1790.1	1723.6	1634.8	1523.8	1397.6	1253.2
55°	2548.4	2619.0	2658.9	2669.6	2658.9	2619.0	2548.4	2452.2	2331.5	2200.9	2034.0
52.5°	3302.2	3349.1	3393.7	3432.0	3393.7	3349.1	3302.2	3225.7	3124.9	3018.3	2876.4
50°	4160.4	4212.8	4256.9	4290.7	4256.9	4212.8	4160.4	4073.7	3958.7	3828.8	3678.0
47.5°	5077.9	5142.0	5189.2	5220.9	5189.2	5142.0	5077.9	4977.7	4835.0	4663.6	4477.8
45°	5993.3	6103.0	6169.7	6181.4	6169.7	6103.0	5993.3	5855.7	5695.0	5491.8	5245.9
42.5°	6913.4	7018.6	7089.6	7142.0	7089.6	7018.6	6913.4	6758.9	6580.2	6358.2	6097.0
40°	7954.0	8086.1	8146.6	8108.0	8146.6	8086.1	7954.0	7768.5	7546.1	7283.2	6985.7
37.5°	9020.0	9155.8	9225.9	9222.6	9225.9	9155.8	9020.0	8820.8	8562.4	8254.9	7906.3
35°	10150.2	10318.6	10409.7	10386.8	10409.7	10318.6	10150.2	9908.1	9596.6	9234.2	8848.1
32.5°	11269.8	11473.4	11604.9	11625.3	11604.9	11473.4	11269.8	11004.1	10671.6	10270.4	9814.1
30°	12392.9	12612.9	12743.7	12756.5	12743.7	12612.9	12392.9	12089.9	11712.0	11275.1	10779.9
27.5°	13560.0	13806.1	13942.9	13975.7	13942.9	13806.1	13560.0	13200.0	12771.1	12274.2	11721.4
25°	14701.8	14975.0	15132.0	15192.2	15132.0	14975.0	14701.8	14304.6	13838.9	13292.2	12660.3
22.5°	15802.7	16102.4	16307.0	16359.1	16307.0	16102.4	15802.7	15390.5	14894.0	14321.1	13646.2
20°	16907.0	17260.5	17522.3	17548.0	17522.3	17260.5	16907.0	16441.6	15881.6	15257.3	14544.2
17.5°	17970.2	18352.7	18632.8	18701.2	18632.8	18352.7	17970.2	17464.4	16833.1	16140.5	15361.9
15°	18922.1	19323.5	19594.0	19653.5	19594.0	19323.5	18922.1	18396.2	17759.5	17005.6	16129.8
12.5°	19743.4	20113.6	20366.0	20462.6	20366.0	20113.6	19743.4	19217.9	18564.2	17753.7	16822.6
10°	20405.2	20691.1	20916.7	21018.6	20916.7	20691.1	20405.2	19881.6	19210.2	18370.1	17370.0
7.5°	20774.5	21009.7	21166.0	21222.2	21166.0	21009.7	20774.5	20358.1	19668.0	18782.2	17796.9
5°	20920.5	21146.0	21230.6	21280.0	21230.6	21146.0	20920.5	20487.7	19924.5	19121.8	18146.3
2.5°	20940.4	21121.0	21295.0	21409.4	21295.0	21121.0	20940.4	20616.2	20128.5	19368.7	18370.3
0°	21057.1	21233.3	21329.6	21384.6	21329.6	21233.3	21057.1	20765.4	20261.7	19518.6	18516.8
-2.5°	20940.4	21121.0	21295.0	21409.4	21295.0	21121.0	20940.4	20616.2	20128.5	19368.7	18370.3
-5°	20920.5	21146.0	21230.6	21280.0	21230.6	21146.0	20920.5	20487.7	19924.5	19121.8	18146.3
-7.5°	20774.5	21009.7	21166.0	21222.2	21166.0	21009.7	20774.5	20358.1	19668.0	18782.2	17796.9
-10°	20405.2	20691.1	20916.7	21018.6	20916.7	20691.1	20405.2	19881.6	19210.2	18370.1	17370.0
-12.5°	19743.4	20113.6	20366.0	20462.6	20366.0	20113.6	19743.4	19217.9	18564.2	17753.7	16822.6
-15°	18922.1	19323.5	19594.0	19653.5	19594.0	19323.5	18922.1	18396.2	17759.5	17005.6	16129.8
-17.5°	17970.2	18352.7	18632.8	18701.2	18632.8	18352.7	17970.2	17464.4	16833.1	16140.5	15361.9
-20°	16907.0	17260.5	17522.3	17548.0	17522.3	17260.5	16907.0	16441.6	15881.6	15257.3	14544.2



REPORT NUMBER: P559211 (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°	15802.7	16102.4	16307.0	16359.1	16307.0	16102.4	15802.7	15390.5	14894.0	14321.1	13646.2
-25°	14701.8	14975.0	15132.0	15192.2	15132.0	14975.0	14701.8	14304.6	13838.9	13292.2	12660.3
-27.5°	13560.0	13806.1	13942.9	13975.7	13942.9	13806.1	13560.0	13200.0	12771.1	12274.2	11721.4
-30°	12392.9	12612.9	12743.7	12756.5	12743.7	12612.9	12392.9	12089.9	11712.0	11275.1	10779.9
-32.5°	11269.8	11473.4	11604.9	11625.3	11604.9	11473.4	11269.8	11004.1	10671.6	10270.4	9814.1
-35°	10150.2	10318.6	10409.7	10386.8	10409.7	10318.6	10150.2	9908.1	9596.6	9234.2	8848.1
-37.5°	9020.0	9155.8	9225.9	9222.6	9225.9	9155.8	9020.0	8820.8	8562.4	8254.9	7906.3
-40°	7954.0	8086.1	8146.6	8108.0	8146.6	8086.1	7954.0	7768.5	7546.1	7283.2	6985.7
-42.5°	6913.4	7018.6	7089.6	7142.0	7089.6	7018.6	6913.4	6758.9	6580.2	6358.2	6097.0
-45°	5993.3	6103.0	6169.7	6181.4	6169.7	6103.0	5993.3	5855.7	5695.0	5491.8	5245.9
-47.5°	5077.9	5142.0	5189.2	5220.9	5189.2	5142.0	5077.9	4977.7	4835.0	4663.6	4477.8
-50°	4160.4	4212.8	4256.9	4290.7	4256.9	4212.8	4160.4	4073.7	3958.7	3828.8	3678.0
-52.5°	3302.2	3349.1	3393.7	3432.0	3393.7	3349.1	3302.2	3225.7	3124.9	3018.3	2876.4
-55°	2548.4	2619.0	2658.9	2669.6	2658.9	2619.0	2548.4	2452.2	2331.5	2200.9	2034.0
-57.5°	1723.6	1790.1	1849.2	1893.5	1849.2	1790.1	1723.6	1634.8	1523.8	1397.6	1253.2
-60°	969.7	1000.7	1014.4	1015.6	1014.4	1000.7	969.7	932.4	889.5	845.1	793.4
-62.5°	647.7	657.2	667.2	674.3	667.2	657.2	647.7	633.5	614.6	593.7	575.2
-65°	454.1	456.7	458.8	459.6	458.8	456.7	454.1	449.6	443.1	440.6	437.2
-67.5°	375.8	379.8	380.6	379.8	380.6	379.8	375.8	370.7	364.6	357.2	348.5
-70°	299.5	303.2	301.6	297.2	301.6	303.2	299.5	296.3	295.0	294.0	288.5
-72.5°	170.4	144.0	125.8	107.3	125.8	144.0	170.4	196.2	221.9	240.0	237.3
-75°	115.4	84.3	82.5	82.6	82.5	84.3	115.4	145.7	175.1	197.4	195.5
-77.5°	88.3	64.1	61.8	60.5	61.8	64.1	88.3	111.3	132.7	149.6	149.0
-80°	52.1	41.4	42.6	44.0	42.6	41.4	52.1	62.4	72.3	81.4	87.5
-82.5°	31.3	24.8	26.1	27.5	26.1	24.8	31.3	37.6	43.5	48.8	51.7
-85°	12.2	10.9	11.0	11.0	11.0	10.9	12.2	13.4	14.6	15.6	15.2
-87.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	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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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°	2.6	2.6	2.5	2.5	2.4	2.4	2.3	2.8	3.2	3.6	3.9
85°	14.8	14.4	14.0	15.1	15.9	16.5	16.8	14.7	12.9	11.3	10.1
82.5°	53.9	55.5	56.0	52.6	49.4	46.4	43.2	36.1	29.7	23.9	19.4
80°	92.9	97.7	100.7	97.6	93.5	88.5	80.9	66.3	53.4	42.7	36.0
77.5°	148.5	148.2	147.1	141.9	137.2	133.2	125.6	103.5	82.0	63.0	53.5
75°	193.4	191.3	188.1	181.6	174.3	166.0	156.0	140.8	121.8	98.8	82.8
72.5°	233.9	229.7	224.4	217.4	209.4	201.4	191.7	179.1	164.5	147.7	134.5
70°	282.4	275.8	268.6	260.5	252.3	243.2	233.5	221.3	205.9	189.4	180.0
67.5°	339.1	329.0	320.0	307.6	297.3	286.5	280.7	270.3	256.3	239.4	227.8
65°	425.8	405.2	392.1	391.2	380.9	359.9	339.1	329.0	317.6	298.7	278.6
62.5°	560.0	549.5	521.9	496.5	478.1	464.0	437.2	408.6	386.4	366.9	340.9
60°	733.2	665.4	637.4	606.6	571.9	537.9	515.0	487.3	454.5	428.5	401.7
57.5°	1091.3	958.6	881.1	795.3	701.4	649.4	611.8	568.3	531.3	495.0	461.4
55°	1828.9	1637.2	1432.4	1195.8	974.3	875.5	765.8	679.5	626.1	565.1	524.8
52.5°	2694.6	2463.7	2206.3	1923.5	1636.0	1330.3	1028.7	900.7	753.6	662.8	595.5
50°	3497.7	3257.2	3003.5	2725.8	2382.7	2010.3	1646.8	1284.3	988.1	819.0	684.1
47.5°	4258.4	3995.4	3713.9	3414.6	3098.2	2746.2	2320.7	1874.4	1454.6	1033.4	849.5
45°	4996.3	4713.5	4397.9	4072.1	3732.8	3371.9	2991.3	2533.3	2028.6	1544.0	1043.6
42.5°	5793.4	5451.7	5097.7	4733.5	4345.2	3961.3	3558.4	3128.8	2644.3	2087.8	1546.1
40°	6639.1	6260.5	5856.6	5424.1	4993.0	4537.1	4102.6	3650.8	3179.4	2653.7	2043.1
37.5°	7506.4	7071.9	6632.6	6156.1	5664.7	5163.8	4656.6	4158.9	3655.4	3141.7	2550.4
35°	8408.0	7927.7	7419.3	6898.9	6345.3	5800.2	5241.2	4675.7	4124.9	3576.4	3011.3
32.5°	9317.9	8791.2	8221.9	7645.4	7046.4	6432.6	5826.8	5213.1	4584.0	3999.0	3407.2
30°	10235.1	9651.5	9031.2	8373.4	7720.7	7064.0	6397.1	5724.1	5050.2	4400.7	3787.0
27.5°	11135.6	10501.8	9826.9	9112.0	8365.6	7661.2	6944.2	6214.9	5489.4	4797.7	4139.0
25°	12023.9	11329.4	10581.0	9816.0	9033.1	8212.2	7450.6	6683.6	5920.2	5168.5	4457.3
22.5°	12908.6	12131.2	11308.3	10464.3	9643.2	8778.8	7928.9	7114.5	6318.2	5521.4	4768.6
20°	13756.1	12899.9	12012.1	11098.1	10189.0	9298.4	8383.8	7517.9	6676.8	5851.6	5057.9
17.5°	14504.5	13597.5	12664.1	11677.0	10706.3	9759.8	8813.5	7887.3	7001.5	6138.8	5319.9
15°	15195.7	14233.0	13240.6	12208.2	11176.4	10163.0	9185.1	8212.7	7292.5	6394.0	5552.5
12.5°	15823.2	14802.8	13762.4	12674.2	11591.7	10519.6	9500.9	8505.9	7547.0	6621.4	5748.6
10°	16335.9	15274.8	14193.7	13077.5	11950.0	10830.2	9762.9	8742.3	7751.9	6802.5	5911.8
7.5°	16752.3	15645.6	14523.0	13396.7	12235.2	11089.5	9981.2	8921.1	7911.9	6934.9	6040.4
5°	17077.2	15937.7	14775.0	13631.4	12441.0	11271.1	10144.3	9041.4	8024.1	7019.9	6132.8
2.5°	17300.2	16136.2	14931.6	13773.0	12574.5	11384.1	10265.7	9134.5	8104.0	7109.3	6213.8
0°	17435.2	16284.8	15049.0	13871.1	12695.9	11446.4	10348.3	9197.9	8138.3	7166.7	6255.8
-2.5°	17300.2	16136.2	14931.6	13773.0	12574.5	11384.1	10265.7	9134.5	8104.0	7109.3	6213.8
-5°	17077.2	15937.7	14775.0	13631.4	12441.0	11271.1	10144.3	9041.4	8024.1	7019.9	6132.8
-7.5°	16752.3	15645.6	14523.0	13396.7	12235.2	11089.5	9981.2	8921.1	7911.9	6934.9	6040.4
-10°	16335.9	15274.8	14193.7	13077.5	11950.0	10830.2	9762.9	8742.3	7751.9	6802.5	5911.8
-12.5°	15823.2	14802.8	13762.4	12674.2	11591.7	10519.6	9500.9	8505.9	7547.0	6621.4	5748.6
-15°	15195.7	14233.0	13240.6	12208.2	11176.4	10163.0	9185.1	8212.7	7292.5	6394.0	5552.5
-17.5°	14504.5	13597.5	12664.1	11677.0	10706.3	9759.8	8813.5	7887.3	7001.5	6138.8	5319.9
-20°	13756.1	12899.9	12012.1	11098.1	10189.0	9298.4	8383.8	7517.9	6676.8	5851.6	5057.9



REPORT NUMBER: P559211 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-930-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	12908.6	12131.2	11308.3	10464.3	9643.2	8778.8	7928.9	7114.5	6318.2	5521.4	4768.6
-25°	12023.9	11329.4	10581.0	9816.0	9033.1	8212.2	7450.6	6683.6	5920.2	5168.5	4457.3
-27.5°	11135.6	10501.8	9826.9	9112.0	8365.6	7661.2	6944.2	6214.9	5489.4	4797.7	4139.0
-30°	10235.1	9651.5	9031.2	8373.4	7720.7	7064.0	6397.1	5724.1	5050.2	4400.7	3787.0
-32.5°	9317.9	8791.2	8221.9	7645.4	7046.4	6432.6	5826.8	5213.1	4584.0	3999.0	3407.2
-35°	8408.0	7927.7	7419.3	6898.9	6345.3	5800.2	5241.2	4675.7	4124.9	3576.4	3011.3
-37.5°	7506.4	7071.9	6632.6	6156.1	5664.7	5163.8	4656.6	4158.9	3655.4	3141.7	2550.4
-40°	6639.1	6260.5	5856.6	5424.1	4993.0	4537.1	4102.6	3650.8	3179.4	2653.7	2043.1
-42.5°	5793.4	5451.7	5097.7	4733.5	4345.2	3961.3	3558.4	3128.8	2644.3	2087.8	1546.1
-45°	4996.3	4713.5	4397.9	4072.1	3732.8	3371.9	2991.3	2533.3	2028.6	1544.0	1043.6
-47.5°	4258.4	3995.4	3713.9	3414.6	3098.2	2746.2	2320.7	1874.4	1454.6	1033.4	849.5
-50°	3497.7	3257.2	3003.5	2725.8	2382.7	2010.3	1646.8	1284.3	988.1	819.0	684.1
-52.5°	2694.6	2463.7	2206.3	1923.5	1636.0	1330.3	1028.7	900.7	753.6	662.8	595.5
-55°	1828.9	1637.2	1432.4	1195.8	974.3	875.5	765.8	679.5	626.1	565.1	524.8
-57.5°	1091.3	958.6	881.1	795.3	701.4	649.4	611.8	568.3	531.3	495.0	461.4
-60°	733.2	665.4	637.4	606.6	571.9	537.9	515.0	487.3	454.5	428.5	401.7
-62.5°	560.0	549.5	521.9	496.5	478.1	464.0	437.2	408.6	386.4	366.9	340.9
-65°	425.8	405.2	392.1	391.2	380.9	359.9	339.1	329.0	317.6	298.7	278.6
-67.5°	339.1	329.0	320.0	307.6	297.3	286.5	280.7	270.3	256.3	239.4	227.8
-70°	282.4	275.8	268.6	260.5	252.3	243.2	233.5	221.3	205.9	189.4	180.0
-72.5°	233.9	229.7	224.4	217.4	209.4	201.4	191.7	179.1	164.5	147.7	134.5
-75°	193.4	191.3	188.1	181.6	174.3	166.0	156.0	140.8	121.8	98.8	82.8
-77.5°	148.5	148.2	147.1	141.9	137.2	133.2	125.6	103.5	82.0	63.0	53.5
-80°	92.9	97.7	100.7	97.6	93.5	88.5	80.9	66.3	53.4	42.7	36.0
-82.5°	53.9	55.5	56.0	52.6	49.4	46.4	43.2	36.1	29.7	23.9	19.4
-85°	14.8	14.4	14.0	15.1	15.9	16.5	16.8	14.7	12.9	11.3	10.1
-87.5°	2.6	2.6	2.5	2.5	2.4	2.4	2.3	2.8	3.2	3.6	3.9
-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: P559211 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-930-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°	3.7	3.5	3.3	3.2	3.3	3.5	3.5	3.5	3.2	2.8	2.5
85°	10.1	9.8	9.2	8.4	7.8	6.9	7.0	7.0	6.3	5.7	5.0
82.5°	19.5	19.7	19.8	19.5	19.4	18.7	17.4	15.6	12.2	8.9	7.5
80°	40.4	42.7	42.7	40.2	35.2	30.5	29.3	27.0	22.3	17.7	13.3
77.5°	61.6	67.6	71.2	69.8	62.2	54.8	47.8	40.3	32.3	26.4	20.8
75°	84.4	92.1	98.0	97.9	89.8	79.1	69.5	59.5	47.7	35.7	28.1
72.5°	127.8	124.7	125.7	126.3	119.4	108.9	94.9	78.6	64.9	51.1	37.0
70°	171.4	160.1	152.4	151.0	147.4	139.7	125.7	104.6	82.1	66.2	50.3
67.5°	217.3	205.9	191.3	178.5	173.7	167.0	156.2	131.5	104.9	81.3	63.4
65°	264.5	250.8	237.0	218.3	204.0	194.4	183.4	157.0	126.9	99.7	76.3
62.5°	315.8	293.7	276.0	255.7	236.3	221.7	210.0	181.3	148.5	117.3	90.3
60°	372.5	344.1	315.2	291.1	268.0	247.3	230.7	205.9	171.7	134.1	104.1
57.5°	429.8	395.2	359.2	327.2	300.0	274.2	250.3	226.4	194.9	154.5	116.6
55°	487.4	448.8	403.2	364.1	331.8	303.0	271.8	244.9	216.8	175.9	126.3
52.5°	543.1	499.2	450.5	401.9	362.4	330.0	295.3	263.4	233.9	197.2	140.6
50°	611.1	547.7	496.3	443.7	392.6	354.7	317.5	283.0	250.9	216.6	154.0
47.5°	689.9	609.5	541.7	484.4	429.2	379.0	339.6	301.4	267.7	231.8	165.7
45°	846.8	679.8	594.8	526.5	463.8	408.3	361.5	318.7	283.0	238.3	175.5
42.5°	1026.2	811.0	657.1	568.0	501.2	437.7	382.8	337.6	297.2	242.6	181.0
40°	1457.8	974.9	741.2	623.3	538.6	465.1	407.1	356.4	309.1	245.2	183.1
37.5°	1901.1	1279.0	888.9	677.1	578.4	498.6	430.1	374.6	314.3	247.8	183.7
35°	2351.0	1676.6	1033.6	774.0	626.2	531.0	451.0	392.6	325.9	250.4	182.7
32.5°	2778.1	2060.5	1365.7	902.5	672.1	562.4	475.6	410.6	340.5	252.9	180.3
30°	3144.4	2433.4	1694.7	1025.1	736.0	601.3	502.8	427.7	357.9	255.4	177.6
27.5°	3477.6	2781.6	2004.0	1262.8	841.8	638.8	528.5	443.7	378.0	261.7	178.2
25°	3784.1	3078.7	2302.5	1523.4	941.1	674.4	551.8	458.8	393.9	275.2	178.3
22.5°	4055.0	3343.1	2575.6	1760.8	1030.6	709.2	576.9	478.2	405.9	289.5	177.9
20°	4298.0	3583.5	2823.8	1980.0	1177.9	783.3	604.0	495.3	416.9	304.3	176.9
17.5°	4516.7	3792.4	3032.4	2187.9	1353.9	848.9	628.7	510.4	426.8	319.1	175.2
15°	4730.0	3969.9	3209.6	2371.8	1509.0	905.7	650.9	523.2	435.4	333.5	174.3
12.5°	4909.3	4121.6	3359.0	2530.8	1642.3	953.7	670.5	533.9	442.9	346.4	173.2
10°	5053.2	4246.9	3480.5	2663.8	1753.1	992.9	687.1	542.0	448.6	356.9	169.7
7.5°	5161.8	4344.9	3574.3	2769.9	1840.8	1025.1	697.7	546.6	453.2	365.4	164.3
5°	5240.0	4418.8	3642.6	2848.4	1904.2	1051.4	704.4	549.0	456.7	371.4	157.4
2.5°	5304.7	4470.7	3685.4	2898.7	1942.8	1069.6	707.7	549.3	458.8	374.5	149.3
0°	5336.5	4494.3	3701.7	2920.1	1956.8	1078.9	707.3	547.7	459.6	374.3	140.4
-2.5°	5304.7	4470.7	3685.4	2898.7	1942.8	1069.6	707.7	549.3	458.8	374.5	149.3
-5°	5240.0	4418.8	3642.6	2848.4	1904.2	1051.4	704.4	549.0	456.7	371.4	157.4
-7.5°	5161.8	4344.9	3574.3	2769.9	1840.8	1025.1	697.7	546.6	453.2	365.4	164.3
-10°	5053.2	4246.9	3480.5	2663.8	1753.1	992.9	687.1	542.0	448.6	356.9	169.7
-12.5°	4909.3	4121.6	3359.0	2530.8	1642.3	953.7	670.5	533.9	442.9	346.4	173.2
-15°	4730.0	3969.9	3209.6	2371.8	1509.0	905.7	650.9	523.2	435.4	333.5	174.3
-17.5°	4516.7	3792.4	3032.4	2187.9	1353.9	848.9	628.7	510.4	426.8	319.1	175.2
-20°	4298.0	3583.5	2823.8	1980.0	1177.9	783.3	604.0	495.3	416.9	304.3	176.9



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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°	4055.0	3343.1	2575.6	1760.8	1030.6	709.2	576.9	478.2	405.9	289.5	177.9
-25°	3784.1	3078.7	2302.5	1523.4	941.1	674.4	551.8	458.8	393.9	275.2	178.3
-27.5°	3477.6	2781.6	2004.0	1262.8	841.8	638.8	528.5	443.7	378.0	261.7	178.2
-30°	3144.4	2433.4	1694.7	1025.1	736.0	601.3	502.8	427.7	357.9	255.4	177.6
-32.5°	2778.1	2060.5	1365.7	902.5	672.1	562.4	475.6	410.6	340.5	252.9	180.3
-35°	2351.0	1676.6	1033.6	774.0	626.2	531.0	451.0	392.6	325.9	250.4	182.7
-37.5°	1901.1	1279.0	888.9	677.1	578.4	498.6	430.1	374.6	314.3	247.8	183.7
-40°	1457.8	974.9	741.2	623.3	538.6	465.1	407.1	356.4	309.1	245.2	183.1
-42.5°	1026.2	811.0	657.1	568.0	501.2	437.7	382.8	337.6	297.2	242.6	181.0
-45°	846.8	679.8	594.8	526.5	463.8	408.3	361.5	318.7	283.0	238.3	175.5
-47.5°	689.9	609.5	541.7	484.4	429.2	379.0	339.6	301.4	267.7	231.8	165.7
-50°	611.1	547.7	496.3	443.7	392.6	354.7	317.5	283.0	250.9	216.6	154.0
-52.5°	543.1	499.2	450.5	401.9	362.4	330.0	295.3	263.4	233.9	197.2	140.6
-55°	487.4	448.8	403.2	364.1	331.8	303.0	271.8	244.9	216.8	175.9	126.3
-57.5°	429.8	395.2	359.2	327.2	300.0	274.2	250.3	226.4	194.9	154.5	116.6
-60°	372.5	344.1	315.2	291.1	268.0	247.3	230.7	205.9	171.7	134.1	104.1
-62.5°	315.8	293.7	276.0	255.7	236.3	221.7	210.0	181.3	148.5	117.3	90.3
-65°	264.5	250.8	237.0	218.3	204.0	194.4	183.4	157.0	126.9	99.7	76.3
-67.5°	217.3	205.9	191.3	178.5	173.7	167.0	156.2	131.5	104.9	81.3	63.4
-70°	171.4	160.1	152.4	151.0	147.4	139.7	125.7	104.6	82.1	66.2	50.3
-72.5°	127.8	124.7	125.7	126.3	119.4	108.9	94.9	78.6	64.9	51.1	37.0
-75°	84.4	92.1	98.0	97.9	89.8	79.1	69.5	59.5	47.7	35.7	28.1
-77.5°	61.6	67.6	71.2	69.8	62.2	54.8	47.8	40.3	32.3	26.4	20.8
-80°	40.4	42.7	42.7	40.2	35.2	30.5	29.3	27.0	22.3	17.7	13.3
-82.5°	19.5	19.7	19.8	19.5	19.4	18.7	17.4	15.6	12.2	8.9	7.5
-85°	10.1	9.8	9.2	8.4	7.8	6.9	7.0	7.0	6.3	5.7	5.0
-87.5°	3.7	3.5	3.3	3.2	3.3	3.5	3.5	3.5	3.2	2.8	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



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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°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
85°	4.3	3.6	2.9	2.2	1.4	0.7	0.0
82.5°	6.4	5.4	4.3	3.2	2.2	1.1	0.0
80°	9.0	7.2	5.7	4.3	2.9	1.4	0.0
77.5°	15.2	9.8	7.2	5.4	3.6	1.8	0.0
75°	21.2	14.2	8.8	6.4	4.3	2.1	0.0
72.5°	27.0	18.4	11.7	7.5	5.0	2.5	0.0
70°	33.2	22.5	14.5	8.6	5.7	2.8	0.0
67.5°	43.3	26.3	17.1	10.3	6.3	3.2	0.0
65°	52.8	31.5	19.6	11.9	7.0	3.5	0.0
62.5°	61.6	37.7	22.0	13.4	7.7	3.8	0.0
60°	69.7	43.4	24.2	14.8	8.3	4.1	0.0
57.5°	77.8	48.6	27.6	16.1	9.1	4.5	0.0
55°	85.1	53.2	30.7	17.3	9.9	4.8	0.0
52.5°	91.3	57.2	33.4	18.4	10.7	5.1	0.0
50°	96.5	61.0	35.7	19.4	11.4	5.3	0.0
47.5°	101.3	64.0	37.7	20.4	12.2	5.6	0.0
45°	109.5	66.3	39.2	21.5	12.8	5.9	0.0
42.5°	116.3	67.9	40.3	22.3	13.5	6.1	0.0
40°	121.8	68.6	41.0	23.3	14.1	6.4	0.0
37.5°	125.9	68.6	41.3	24.5	14.7	6.6	0.0
35°	128.6	70.2	41.2	25.5	15.3	6.8	0.0
32.5°	129.2	72.1	40.6	26.5	15.8	7.0	0.0
30°	126.7	73.0	39.6	27.5	16.3	7.2	0.0
27.5°	123.2	73.1	40.6	28.3	16.8	7.4	0.0
25°	118.8	72.2	41.8	29.1	17.2	7.5	0.0
22.5°	113.4	72.2	43.0	29.9	17.6	7.7	0.0
20°	107.1	75.6	44.1	30.5	18.0	7.8	0.0
17.5°	105.9	78.5	45.1	31.1	18.3	7.9	0.0
15°	108.1	81.1	46.0	31.6	18.5	8.0	0.0
12.5°	110.0	83.3	46.9	32.0	18.8	8.1	0.0
10°	111.7	85.0	47.6	32.4	19.0	8.2	0.0
7.5°	113.1	86.4	48.2	32.6	19.1	8.2	0.0
5°	114.2	87.3	48.8	32.8	19.2	8.3	0.0
2.5°	115.1	87.9	49.2	33.0	19.3	8.3	0.0
0°	115.6	88.1	49.5	33.0	19.3	8.3	0.0
-2.5°	115.1	87.9	49.2	33.0	19.3	8.3	0.0
-5°	114.2	87.3	48.8	32.8	19.2	8.3	0.0
-7.5°	113.1	86.4	48.2	32.6	19.1	8.2	0.0
-10°	111.7	85.0	47.6	32.4	19.0	8.2	0.0
-12.5°	110.0	83.3	46.9	32.0	18.8	8.1	0.0
-15°	108.1	81.1	46.0	31.6	18.5	8.0	0.0
-17.5°	105.9	78.5	45.1	31.1	18.3	7.9	0.0
-20°	107.1	75.6	44.1	30.5	18.0	7.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	113.4	72.2	43.0	29.9	17.6	7.7	0.0
-25°	118.8	72.2	41.8	29.1	17.2	7.5	0.0
-27.5°	123.2	73.1	40.6	28.3	16.8	7.4	0.0
-30°	126.7	73.0	39.6	27.5	16.3	7.2	0.0
-32.5°	129.2	72.1	40.6	26.5	15.8	7.0	0.0
-35°	128.6	70.2	41.2	25.5	15.3	6.8	0.0
-37.5°	125.9	68.6	41.3	24.5	14.7	6.6	0.0
-40°	121.8	68.6	41.0	23.3	14.1	6.4	0.0
-42.5°	116.3	67.9	40.3	22.3	13.5	6.1	0.0
-45°	109.5	66.3	39.2	21.5	12.8	5.9	0.0
-47.5°	101.3	64.0	37.7	20.4	12.2	5.6	0.0
-50°	96.5	61.0	35.7	19.4	11.4	5.3	0.0
-52.5°	91.3	57.2	33.4	18.4	10.7	5.1	0.0
-55°	85.1	53.2	30.7	17.3	9.9	4.8	0.0
-57.5°	77.8	48.6	27.6	16.1	9.1	4.5	0.0
-60°	69.7	43.4	24.2	14.8	8.3	4.1	0.0
-62.5°	61.6	37.7	22.0	13.4	7.7	3.8	0.0
-65°	52.8	31.5	19.6	11.9	7.0	3.5	0.0
-67.5°	43.3	26.3	17.1	10.3	6.3	3.2	0.0
-70°	33.2	22.5	14.5	8.6	5.7	2.8	0.0
-72.5°	27.0	18.4	11.7	7.5	5.0	2.5	0.0
-75°	21.2	14.2	8.8	6.4	4.3	2.1	0.0
-77.5°	15.2	9.8	7.2	5.4	3.6	1.8	0.0
-80°	9.0	7.2	5.7	4.3	2.9	1.4	0.0
-82.5°	6.4	5.4	4.3	3.2	2.2	1.1	0.0
-85°	4.3	3.6	2.9	2.2	1.4	0.7	0.0
-87.5°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)