

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: P559203 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-927-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559203 (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-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

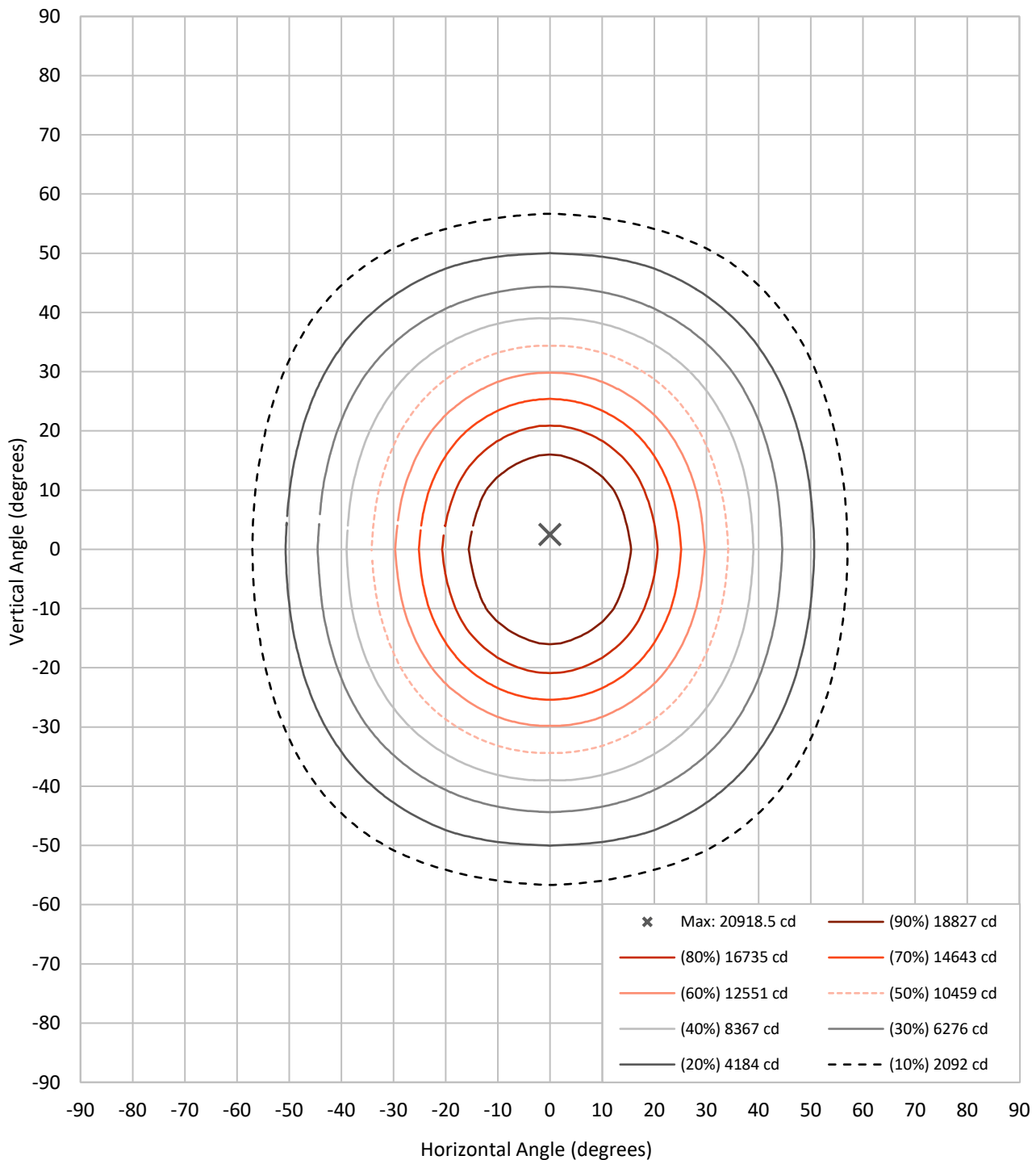
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	28311.3 lumens	Max Intensity:	20918.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	88.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	16974.6 lumens	Field Lumens:	27044.8 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



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Iso-Candela Plot





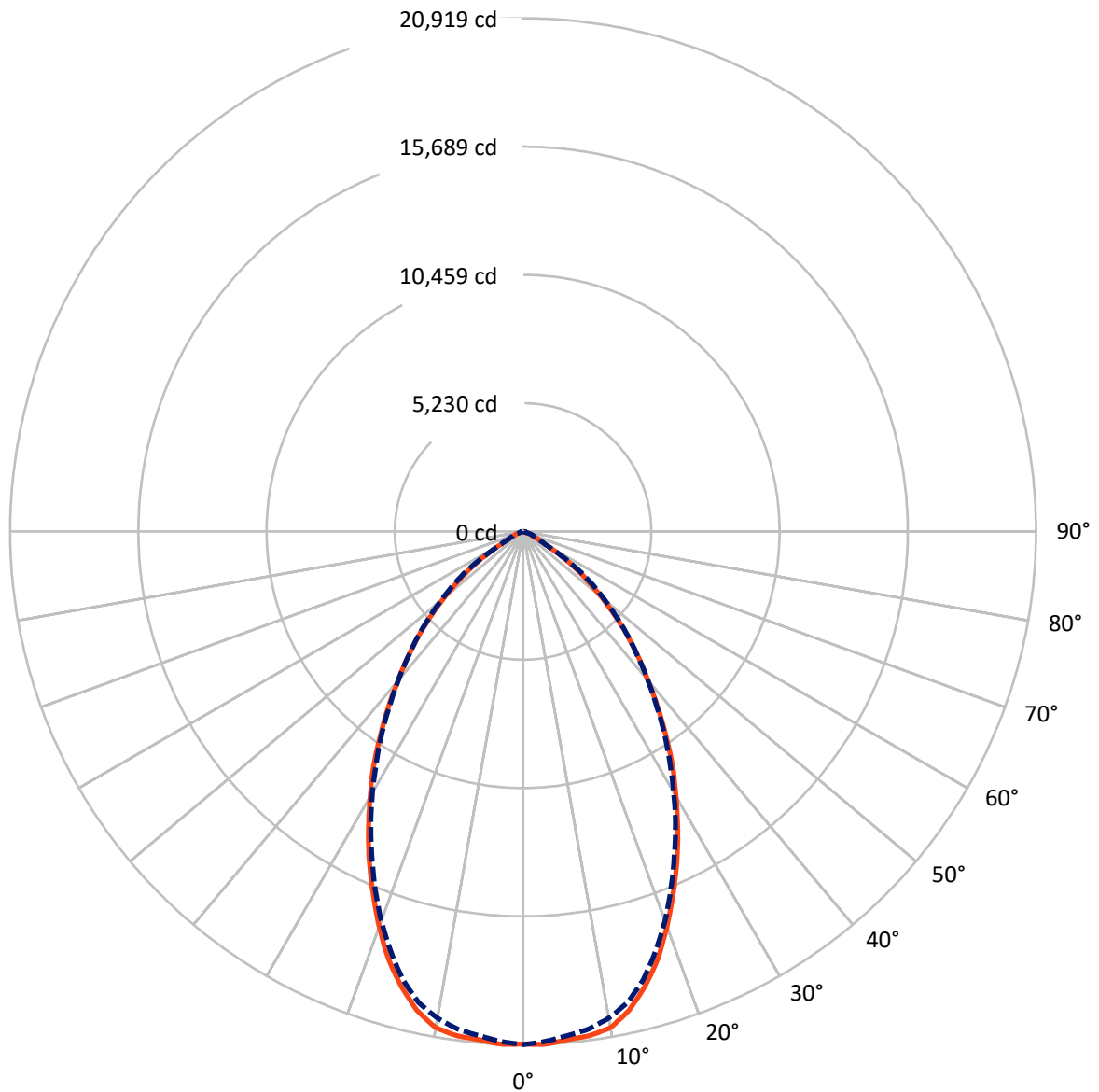
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Lumen Table

90																			
80	0.2	2.7		6.8		11.8		8.3		11.8		6.8		2.7		0.2			
70																			
60	1.3	2.0	3.8	6.0	8.7	11.4	14.1	15.8	15.8	14.1	11.4	8.7	6.0	3.8	2.0	1.3			
50		3.1	6.3	11.4	22.0	42.6	63.8	76.4	76.4	63.8	42.6	22.0	11.4	6.3	3.1				
40	2.2	4.1	9.3	27.1	71.4	118.7	157.8	180.0	180.0	157.8	118.7	71.4	27.1	9.3	4.1	2.2			
30		5.0	15.9	62.5	128.1	200.1	265.1	304.0	304.0	265.1	200.1	128.1	62.5	15.9	5.0				
20	2.4	6.0	29.0	94.5	181.8	284.5	380.2	440.5	440.5	380.2	284.5	181.8	94.5	29.0	6.0	2.4			
10		7.2	41.4	117.7	224.0	355.5	484.1	565.5	565.5	484.1	355.5	224.0	117.7	41.4	7.2				
0	2.5	7.8	48.3	130.1	247.8	397.2	543.8	621.6	621.6	543.8	397.2	247.8	130.1	48.3	7.8	2.5			
-10		7.8	48.3	130.1	247.8	397.2	543.8	621.6	621.6	543.8	397.2	247.8	130.1	48.3	7.8				
-20	2.4	7.2	41.4	117.7	224.0	355.5	484.1	565.5	565.5	484.1	355.5	224.0	117.7	41.4	7.2	2.4			
-30		6.0	29.0	94.5	181.8	284.5	380.2	440.5	440.5	380.2	284.5	181.8	94.5	29.0	6.0				
-40	2.2	5.0	15.9	62.5	128.1	200.1	265.1	304.0	304.0	265.1	200.1	128.1	62.5	15.9	5.0	2.2			
-50		4.1	9.3	27.1	71.4	118.7	157.8	180.0	180.0	157.8	118.7	71.4	27.1	9.3	4.1				
-60	1.3	3.1	6.3	11.4	22.0	42.6	63.8	76.4	76.4	63.8	42.6	22.0	11.4	6.3	3.1	1.3			
-70		2.0	3.8	6.0	8.7	11.4	14.1	15.8	15.8	14.1	11.4	8.7	6.0	3.8	2.0				
-80	0.2	2.7		6.8		11.8		8.3		11.8		6.8		2.7		0.2			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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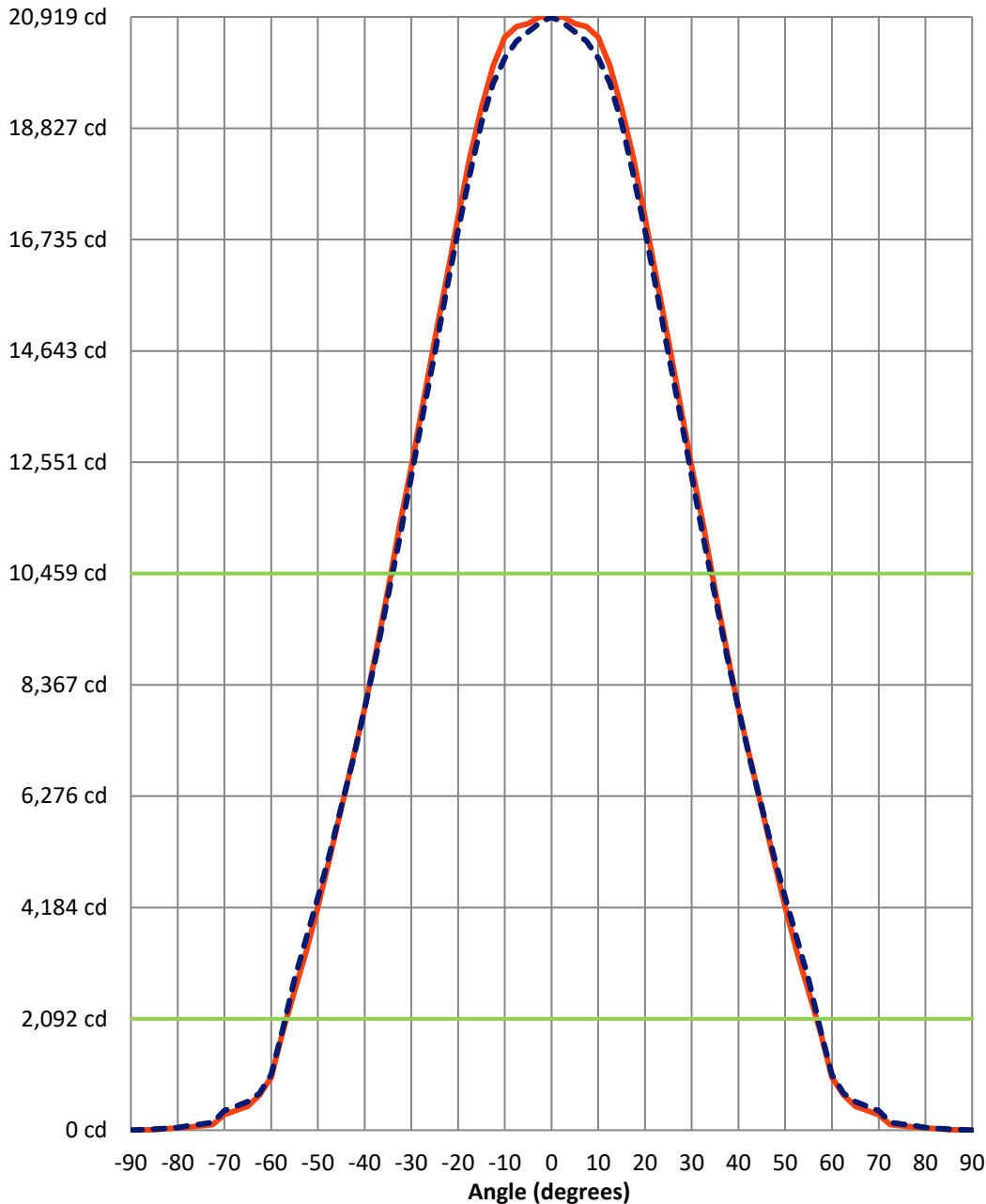
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 2.5-Deg

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Luminous Intensity Plot



Beam:
H Angle: 68°
V Angle: 68.7°
Lumens: 16974.6
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 27044.8
Efficiency: 95.5%

Spill:
Lumens: 1266.5
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	2.4	2.8	3.1	3.4
85°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.5	6.2	6.8
82.5°	0.0	1.1	2.1	3.2	4.2	5.2	6.3	7.3	8.7	11.9	15.2
80°	0.0	1.4	2.8	4.2	5.6	7.0	8.8	13.0	17.3	21.8	26.4
77.5°	0.0	1.8	3.5	5.2	7.0	9.6	14.9	20.3	25.9	31.6	39.4
75°	0.0	2.1	4.2	6.3	8.6	13.9	20.7	27.5	34.9	46.6	58.2
72.5°	0.0	2.4	4.9	7.3	11.4	18.0	26.4	36.2	49.9	63.5	76.8
70°	0.0	2.8	5.5	8.4	14.1	21.9	32.5	49.2	64.7	80.2	102.2
67.5°	0.0	3.1	6.2	10.0	16.7	25.7	42.4	62.0	79.4	102.5	128.5
65°	0.0	3.4	6.8	11.6	19.2	30.8	51.6	74.6	97.4	124.0	153.4
62.5°	0.0	3.7	7.5	13.0	21.5	36.8	60.3	88.2	114.7	145.1	177.2
60°	0.0	4.0	8.1	14.4	23.7	42.4	68.1	101.8	131.0	167.8	201.1
57.5°	0.0	4.4	8.9	15.7	27.0	47.5	76.0	114.0	151.0	190.5	221.2
55°	0.0	4.6	9.7	16.9	30.0	52.0	83.1	123.4	171.9	211.8	239.3
52.5°	0.0	4.9	10.4	18.0	32.6	56.0	89.2	137.4	192.7	228.5	257.4
50°	0.0	5.2	11.1	18.9	34.9	59.6	94.3	150.5	211.7	245.1	276.4
47.5°	0.0	5.5	11.8	19.9	36.8	62.6	99.0	161.9	226.5	261.6	294.5
45°	0.0	5.7	12.5	20.9	38.3	64.8	107.0	171.5	232.9	276.5	311.3
42.5°	0.0	6.0	13.2	21.8	39.4	66.3	113.7	176.9	237.0	290.3	329.8
40°	0.0	6.2	13.8	22.8	40.1	67.1	119.0	178.9	239.6	302.0	348.2
37.5°	0.0	6.4	14.4	23.9	40.4	67.0	123.0	179.5	242.1	307.1	366.0
35°	0.0	6.6	14.9	24.9	40.3	68.6	125.7	178.6	244.6	318.4	383.6
32.5°	0.0	6.8	15.4	25.9	39.7	70.4	126.2	176.2	247.1	332.7	401.2
30°	0.0	7.0	15.9	26.8	38.7	71.3	123.8	173.6	249.5	349.7	417.9
27.5°	0.0	7.2	16.4	27.7	39.7	71.4	120.5	174.1	255.6	369.3	433.5
25°	0.0	7.3	16.8	28.5	40.9	70.5	116.1	174.2	268.8	384.9	448.3
22.5°	0.0	7.5	17.2	29.2	42.0	70.5	110.8	173.8	282.8	396.7	467.2
20°	0.0	7.6	17.5	29.8	43.1	73.8	104.7	172.8	297.3	407.4	484.0
17.5°	0.0	7.7	17.8	30.4	44.1	76.8	103.6	171.2	311.8	417.0	498.7
15°	0.0	7.8	18.1	30.9	45.0	79.3	105.7	170.3	325.9	425.5	511.2
12.5°	0.0	7.9	18.3	31.3	45.8	81.4	107.5	169.2	338.4	432.8	521.7
10°	0.0	8.0	18.5	31.7	46.5	83.1	109.1	165.8	348.8	438.4	529.5
7.5°	0.0	8.0	18.6	32.0	47.2	84.4	110.5	160.5	357.0	442.9	534.1
5°	0.0	8.1	18.7	32.1	47.7	85.4	111.6	153.7	362.9	446.2	536.4
2.5°	0.0	8.1	18.8	32.3	48.1	85.9	112.4	145.8	365.9	448.4	536.7
0°	0.0	8.1	18.8	32.3	48.4	86.1	112.9	137.1	365.7	449.1	535.1
-2.5°	0.0	8.1	18.8	32.3	48.1	85.9	112.4	145.8	365.9	448.4	536.7
-5°	0.0	8.1	18.7	32.1	47.7	85.4	111.6	153.7	362.9	446.2	536.4
-7.5°	0.0	8.0	18.6	32.0	47.2	84.4	110.5	160.5	357.0	442.9	534.1
-10°	0.0	8.0	18.5	31.7	46.5	83.1	109.1	165.8	348.8	438.4	529.5
-12.5°	0.0	7.9	18.3	31.3	45.8	81.4	107.5	169.2	338.4	432.8	521.7
-15°	0.0	7.8	18.1	30.9	45.0	79.3	105.7	170.3	325.9	425.5	511.2
-17.5°	0.0	7.7	17.8	30.4	44.1	76.8	103.6	171.2	311.8	417.0	498.7
-20°	0.0	7.6	17.5	29.8	43.1	73.8	104.7	172.8	297.3	407.4	484.0



REPORT NUMBER: P559203 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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	7.5	17.2	29.2	42.0	70.5	110.8	173.8	282.8	396.7	467.2
-25°	0.0	7.3	16.8	28.5	40.9	70.5	116.1	174.2	268.8	384.9	448.3
-27.5°	0.0	7.2	16.4	27.7	39.7	71.4	120.5	174.1	255.6	369.3	433.5
-30°	0.0	7.0	15.9	26.8	38.7	71.3	123.8	173.6	249.5	349.7	417.9
-32.5°	0.0	6.8	15.4	25.9	39.7	70.4	126.2	176.2	247.1	332.7	401.2
-35°	0.0	6.6	14.9	24.9	40.3	68.6	125.7	178.6	244.6	318.4	383.6
-37.5°	0.0	6.4	14.4	23.9	40.4	67.0	123.0	179.5	242.1	307.1	366.0
-40°	0.0	6.2	13.8	22.8	40.1	67.1	119.0	178.9	239.6	302.0	348.2
-42.5°	0.0	6.0	13.2	21.8	39.4	66.3	113.7	176.9	237.0	290.3	329.8
-45°	0.0	5.7	12.5	20.9	38.3	64.8	107.0	171.5	232.9	276.5	311.3
-47.5°	0.0	5.5	11.8	19.9	36.8	62.6	99.0	161.9	226.5	261.6	294.5
-50°	0.0	5.2	11.1	18.9	34.9	59.6	94.3	150.5	211.7	245.1	276.4
-52.5°	0.0	4.9	10.4	18.0	32.6	56.0	89.2	137.4	192.7	228.5	257.4
-55°	0.0	4.6	9.7	16.9	30.0	52.0	83.1	123.4	171.9	211.8	239.3
-57.5°	0.0	4.4	8.9	15.7	27.0	47.5	76.0	114.0	151.0	190.5	221.2
-60°	0.0	4.0	8.1	14.4	23.7	42.4	68.1	101.8	131.0	167.8	201.1
-62.5°	0.0	3.7	7.5	13.0	21.5	36.8	60.3	88.2	114.7	145.1	177.2
-65°	0.0	3.4	6.8	11.6	19.2	30.8	51.6	74.6	97.4	124.0	153.4
-67.5°	0.0	3.1	6.2	10.0	16.7	25.7	42.4	62.0	79.4	102.5	128.5
-70°	0.0	2.8	5.5	8.4	14.1	21.9	32.5	49.2	64.7	80.2	102.2
-72.5°	0.0	2.4	4.9	7.3	11.4	18.0	26.4	36.2	49.9	63.5	76.8
-75°	0.0	2.1	4.2	6.3	8.6	13.9	20.7	27.5	34.9	46.6	58.2
-77.5°	0.0	1.8	3.5	5.2	7.0	9.6	14.9	20.3	25.9	31.6	39.4
-80°	0.0	1.4	2.8	4.2	5.6	7.0	8.8	13.0	17.3	21.8	26.4
-82.5°	0.0	1.1	2.1	3.2	4.2	5.2	6.3	7.3	8.7	11.9	15.2
-85°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.5	6.2	6.8
-87.5°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.4	2.8	3.1	3.4
-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-SA6D-927-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°	3.4	3.4	3.3	3.1	3.3	3.5	3.6	3.8	3.5	3.1	2.7
85°	6.9	6.8	7.6	8.2	9.1	9.6	9.9	9.9	11.0	12.6	14.4
82.5°	17.0	18.2	18.9	19.1	19.4	19.2	19.0	18.9	23.3	28.9	35.3
80°	28.7	29.8	34.3	39.2	41.7	41.7	39.5	35.2	41.7	52.1	64.7
77.5°	46.7	53.6	60.7	68.2	69.5	66.0	60.2	52.3	61.6	80.2	101.2
75°	67.9	77.2	87.8	95.7	95.8	90.0	82.5	80.9	96.6	119.1	137.6
72.5°	92.7	106.4	116.6	123.4	122.9	121.9	124.9	131.5	144.4	160.8	175.1
70°	122.8	136.5	144.1	147.6	148.9	156.4	167.5	175.9	185.0	201.2	216.2
67.5°	152.7	163.2	169.7	174.4	186.9	201.2	212.3	222.6	233.8	250.4	264.1
65°	179.2	189.9	199.3	213.3	231.7	245.1	258.4	272.1	291.8	310.3	321.4
62.5°	205.1	216.6	230.9	249.9	269.7	287.0	308.6	333.0	358.5	377.5	399.2
60°	225.3	241.6	261.8	284.4	308.0	336.2	363.9	392.5	418.6	444.1	476.1
57.5°	244.6	267.9	293.1	319.6	351.0	386.1	419.9	450.8	483.7	519.2	555.3
55°	265.5	296.1	324.1	355.7	394.0	438.6	476.2	512.7	552.1	611.8	663.9
52.5°	288.5	322.3	354.1	392.7	440.2	487.8	530.6	581.8	647.7	736.3	880.0
50°	310.2	346.5	383.6	433.5	484.9	535.1	597.1	668.4	800.2	965.5	1254.8
47.5°	331.8	370.3	419.4	473.3	529.3	595.5	674.0	830.0	1009.7	1421.3	1831.4
45°	353.2	398.9	453.2	514.4	581.1	664.2	827.4	1019.7	1508.6	1982.1	2475.2
42.5°	374.1	427.6	489.7	555.0	642.0	792.4	1002.6	1510.7	2040.0	2583.7	3057.1
40°	397.8	454.4	526.3	609.0	724.1	952.5	1424.3	1996.3	2592.9	3106.6	3567.1
37.5°	420.2	487.2	565.2	661.5	868.5	1249.7	1857.5	2492.0	3069.7	3571.6	4063.6
35°	440.6	518.9	611.8	756.2	1010.0	1638.1	2297.1	2942.3	3494.4	4030.3	4568.5
32.5°	464.7	549.5	656.6	881.8	1334.4	2013.2	2714.4	3329.1	3907.3	4478.8	5093.6
30°	491.3	587.5	719.1	1001.6	1655.8	2377.5	3072.3	3700.2	4299.8	4934.5	5592.8
27.5°	516.4	624.1	822.5	1233.8	1958.0	2717.8	3397.8	4044.0	4687.7	5363.5	6072.3
25°	539.2	659.0	919.5	1488.5	2249.7	3008.1	3697.4	4355.1	5050.0	5784.5	6530.4
22.5°	563.7	692.9	1007.0	1720.4	2516.6	3266.5	3962.0	4659.2	5394.8	6173.3	6951.4
20°	590.2	765.3	1150.9	1934.6	2759.1	3501.3	4199.5	4941.9	5717.5	6523.7	7345.5
17.5°	614.3	829.4	1322.9	2137.7	2962.9	3705.5	4413.2	5197.9	5998.0	6840.9	7706.5
15°	636.0	884.9	1474.4	2317.4	3136.0	3878.9	4621.6	5425.1	6247.4	7125.3	8024.4
12.5°	655.1	931.8	1604.6	2472.7	3282.0	4027.2	4796.8	5616.7	6469.6	7373.9	8310.8
10°	671.3	970.1	1712.9	2602.7	3400.7	4149.5	4937.4	5776.3	6646.5	7574.1	8541.8
7.5°	681.7	1001.5	1798.6	2706.4	3492.3	4245.3	5043.4	5901.9	6775.9	7730.4	8716.5
5°	688.3	1027.3	1860.5	2783.1	3559.1	4317.5	5119.8	5992.2	6859.0	7840.1	8834.1
2.5°	691.4	1045.0	1898.2	2832.2	3600.9	4368.2	5183.1	6071.4	6946.3	7918.2	8925.0
0°	691.1	1054.1	1911.9	2853.1	3616.8	4391.3	5214.2	6112.3	7002.4	7951.7	8987.0
-2.5°	691.4	1045.0	1898.2	2832.2	3600.9	4368.2	5183.1	6071.4	6946.3	7918.2	8925.0
-5°	688.3	1027.3	1860.5	2783.1	3559.1	4317.5	5119.8	5992.2	6859.0	7840.1	8834.1
-7.5°	681.7	1001.5	1798.6	2706.4	3492.3	4245.3	5043.4	5901.9	6775.9	7730.4	8716.5
-10°	671.3	970.1	1712.9	2602.7	3400.7	4149.5	4937.4	5776.3	6646.5	7574.1	8541.8
-12.5°	655.1	931.8	1604.6	2472.7	3282.0	4027.2	4796.8	5616.7	6469.6	7373.9	8310.8
-15°	636.0	884.9	1474.4	2317.4	3136.0	3878.9	4621.6	5425.1	6247.4	7125.3	8024.4
-17.5°	614.3	829.4	1322.9	2137.7	2962.9	3705.5	4413.2	5197.9	5998.0	6840.9	7706.5
-20°	590.2	765.3	1150.9	1934.6	2759.1	3501.3	4199.5	4941.9	5717.5	6523.7	7345.5



REPORT NUMBER: P559203 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	563.7	692.9	1007.0	1720.4	2516.6	3266.5	3962.0	4659.2	5394.8	6173.3	6951.4
-25°	539.2	659.0	919.5	1488.5	2249.7	3008.1	3697.4	4355.1	5050.0	5784.5	6530.4
-27.5°	516.4	624.1	822.5	1233.8	1958.0	2717.8	3397.8	4044.0	4687.7	5363.5	6072.3
-30°	491.3	587.5	719.1	1001.6	1655.8	2377.5	3072.3	3700.2	4299.8	4934.5	5592.8
-32.5°	464.7	549.5	656.6	881.8	1334.4	2013.2	2714.4	3329.1	3907.3	4478.8	5093.6
-35°	440.6	518.9	611.8	756.2	1010.0	1638.1	2297.1	2942.3	3494.4	4030.3	4568.5
-37.5°	420.2	487.2	565.2	661.5	868.5	1249.7	1857.5	2492.0	3069.7	3571.6	4063.6
-40°	397.8	454.4	526.3	609.0	724.1	952.5	1424.3	1996.3	2592.9	3106.6	3567.1
-42.5°	374.1	427.6	489.7	555.0	642.0	792.4	1002.6	1510.7	2040.0	2583.7	3057.1
-45°	353.2	398.9	453.2	514.4	581.1	664.2	827.4	1019.7	1508.6	1982.1	2475.2
-47.5°	331.8	370.3	419.4	473.3	529.3	595.5	674.0	830.0	1009.7	1421.3	1831.4
-50°	310.2	346.5	383.6	433.5	484.9	535.1	597.1	668.4	800.2	965.5	1254.8
-52.5°	288.5	322.3	354.1	392.7	440.2	487.8	530.6	581.8	647.7	736.3	880.0
-55°	265.5	296.1	324.1	355.7	394.0	438.6	476.2	512.7	552.1	611.8	663.9
-57.5°	244.6	267.9	293.1	319.6	351.0	386.1	419.9	450.8	483.7	519.2	555.3
-60°	225.3	241.6	261.8	284.4	308.0	336.2	363.9	392.5	418.6	444.1	476.1
-62.5°	205.1	216.6	230.9	249.9	269.7	287.0	308.6	333.0	358.5	377.5	399.2
-65°	179.2	189.9	199.3	213.3	231.7	245.1	258.4	272.1	291.8	310.3	321.4
-67.5°	152.7	163.2	169.7	174.4	186.9	201.2	212.3	222.6	233.8	250.4	264.1
-70°	122.8	136.5	144.1	147.6	148.9	156.4	167.5	175.9	185.0	201.2	216.2
-72.5°	92.7	106.4	116.6	123.4	122.9	121.9	124.9	131.5	144.4	160.8	175.1
-75°	67.9	77.2	87.8	95.7	95.8	90.0	82.5	80.9	96.6	119.1	137.6
-77.5°	46.7	53.6	60.7	68.2	69.5	66.0	60.2	52.3	61.6	80.2	101.2
-80°	28.7	29.8	34.3	39.2	41.7	41.7	39.5	35.2	41.7	52.1	64.7
-82.5°	17.0	18.2	18.9	19.1	19.4	19.2	19.0	18.9	23.3	28.9	35.3
-85°	6.9	6.8	7.6	8.2	9.1	9.6	9.9	9.9	11.0	12.6	14.4
-87.5°	3.4	3.4	3.3	3.1	3.3	3.5	3.6	3.8	3.5	3.1	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



REPORT NUMBER: P559203 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	2.2	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.6	2.7
85°	16.4	16.1	15.5	14.7	13.6	14.1	14.5	14.9	15.2	14.2	13.1
82.5°	42.2	45.3	48.2	51.4	54.7	54.2	52.7	50.5	47.7	42.5	36.8
80°	79.0	86.4	91.3	95.3	98.4	95.4	90.8	85.5	79.6	70.7	61.0
77.5°	122.7	130.2	134.0	138.6	143.8	144.8	145.1	145.6	146.2	129.7	108.7
75°	152.4	162.2	170.3	177.5	183.8	186.9	189.0	191.0	192.9	171.1	142.4
72.5°	187.3	196.9	204.6	212.4	219.2	224.5	228.5	231.8	234.5	216.7	191.7
70°	228.1	237.7	246.5	254.6	262.4	269.5	275.9	281.9	287.3	288.3	289.6
67.5°	274.3	279.9	290.5	300.6	312.7	321.5	331.3	340.5	349.0	356.2	362.2
65°	331.3	351.7	372.2	382.3	383.1	395.9	416.0	427.2	430.5	433.0	439.4
62.5°	427.1	453.3	467.1	485.1	509.9	536.9	547.2	562.0	580.1	600.5	619.0
60°	503.2	525.6	558.8	592.7	622.8	650.1	716.4	775.3	825.7	869.1	911.0
57.5°	597.8	634.5	685.4	777.1	860.9	936.7	1066.3	1224.5	1365.5	1488.9	1597.3
55°	748.3	855.5	951.9	1168.3	1399.6	1599.7	1787.0	1987.4	2150.5	2278.0	2395.9
52.5°	1005.1	1299.8	1598.5	1879.5	2155.7	2407.2	2632.9	2810.5	2949.1	3053.1	3151.7
50°	1609.0	1964.2	2328.1	2663.2	2934.6	3182.6	3417.5	3593.6	3741.0	3867.9	3980.3
47.5°	2267.5	2683.2	3027.1	3336.2	3628.7	3903.8	4160.7	4375.1	4556.7	4724.2	4863.6
45°	2922.7	3294.6	3647.2	3978.7	4297.0	4605.3	4881.7	5125.6	5365.9	5564.4	5721.4
42.5°	3476.8	3870.5	4245.6	4625.0	4980.8	5326.7	5660.6	5957.2	6212.4	6429.3	6603.9
40°	4008.6	4433.1	4878.5	5299.7	5722.3	6117.0	6486.9	6825.5	7116.1	7373.1	7590.5
37.5°	4549.8	5045.4	5534.9	6014.9	6480.6	6909.8	7334.3	7724.9	8065.5	8366.1	8618.5
35°	5121.0	5667.2	6199.9	6740.8	7249.1	7745.9	8215.2	8645.2	9022.4	9376.5	9680.9
32.5°	5693.2	6285.1	6884.8	7470.1	8033.3	8589.6	9104.3	9589.1	10035.0	10426.9	10751.9
30°	6250.4	6902.1	7543.7	8181.3	8824.1	9430.2	10000.4	10532.8	11016.6	11443.5	11812.7
27.5°	6785.0	7485.5	8173.7	8903.0	9601.5	10260.9	10880.3	11452.7	11992.7	12478.3	12897.3
25°	7279.8	8023.9	8825.9	9590.8	10338.3	11069.6	11748.2	12370.0	12987.4	13521.6	13976.6
22.5°	7747.1	8577.5	9422.0	10224.2	11049.0	11853.1	12612.7	13333.2	13992.7	14552.5	15037.6
20°	8191.6	9085.2	9955.4	10843.6	11736.7	12604.2	13440.6	14210.7	14907.5	15517.5	16064.6
17.5°	8611.4	9536.0	10460.8	11409.2	12373.7	13285.7	14171.9	15009.7	15770.4	16447.1	17063.9
15°	8974.5	9929.9	10920.1	11928.2	12936.9	13906.7	14847.3	15759.9	16615.7	17352.3	17974.4
12.5°	9283.1	10278.4	11325.9	12383.5	13446.9	14463.4	15460.3	16436.9	17346.6	18138.6	18777.2
10°	9539.0	10581.9	11676.0	12777.6	13868.3	14924.5	15961.3	16971.7	17948.9	18769.7	19425.7
7.5°	9752.3	10835.2	11954.6	13089.4	14189.9	15286.8	16368.2	17388.9	18351.5	19217.1	19891.3
5°	9911.7	11012.7	12155.7	13318.8	14436.2	15572.2	16685.7	17730.2	18683.3	19467.7	20017.9
2.5°	10030.3	11123.2	12286.3	13457.1	14589.2	15766.2	16903.5	17949.1	18924.6	19667.0	20143.5
0°	10111.0	11184.0	12404.8	13553.0	14704.0	15911.4	17035.4	18092.2	19071.1	19797.1	20289.2
-2.5°	10030.3	11123.2	12286.3	13457.1	14589.2	15766.2	16903.5	17949.1	18924.6	19667.0	20143.5
-5°	9911.7	11012.7	12155.7	13318.8	14436.2	15572.2	16685.7	17730.2	18683.3	19467.7	20017.9
-7.5°	9752.3	10835.2	11954.6	13089.4	14189.9	15286.8	16368.2	17388.9	18351.5	19217.1	19891.3
-10°	9539.0	10581.9	11676.0	12777.6	13868.3	14924.5	15961.3	16971.7	17948.9	18769.7	19425.7
-12.5°	9283.1	10278.4	11325.9	12383.5	13446.9	14463.4	15460.3	16436.9	17346.6	18138.6	18777.2
-15°	8974.5	9929.9	10920.1	11928.2	12936.9	13906.7	14847.3	15759.9	16615.7	17352.3	17974.4
-17.5°	8611.4	9536.0	10460.8	11409.2	12373.7	13285.7	14171.9	15009.7	15770.4	16447.1	17063.9
-20°	8191.6	9085.2	9955.4	10843.6	11736.7	12604.2	13440.6	14210.7	14907.5	15517.5	16064.6



REPORT NUMBER: P559203 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	7747.1	8577.5	9422.0	10224.2	11049.0	11853.1	12612.7	13333.2	13992.7	14552.5	15037.6
-25°	7279.8	8023.9	8825.9	9590.8	10338.3	11069.6	11748.2	12370.0	12987.4	13521.6	13976.6
-27.5°	6785.0	7485.5	8173.7	8903.0	9601.5	10260.9	10880.3	11452.7	11992.7	12478.3	12897.3
-30°	6250.4	6902.1	7543.7	8181.3	8824.1	9430.2	10000.4	10532.8	11016.6	11443.5	11812.7
-32.5°	5693.2	6285.1	6884.8	7470.1	8033.3	8589.6	9104.3	9589.1	10035.0	10426.9	10751.9
-35°	5121.0	5667.2	6199.9	6740.8	7249.1	7745.9	8215.2	8645.2	9022.4	9376.5	9680.9
-37.5°	4549.8	5045.4	5534.9	6014.9	6480.6	6909.8	7334.3	7724.9	8065.5	8366.1	8618.5
-40°	4008.6	4433.1	4878.5	5299.7	5722.3	6117.0	6486.9	6825.5	7116.1	7373.1	7590.5
-42.5°	3476.8	3870.5	4245.6	4625.0	4980.8	5326.7	5660.6	5957.2	6212.4	6429.3	6603.9
-45°	2922.7	3294.6	3647.2	3978.7	4297.0	4605.3	4881.7	5125.6	5365.9	5564.4	5721.4
-47.5°	2267.5	2683.2	3027.1	3336.2	3628.7	3903.8	4160.7	4375.1	4556.7	4724.2	4863.6
-50°	1609.0	1964.2	2328.1	2663.2	2934.6	3182.6	3417.5	3593.6	3741.0	3867.9	3980.3
-52.5°	1005.1	1299.8	1598.5	1879.5	2155.7	2407.2	2632.9	2810.5	2949.1	3053.1	3151.7
-55°	748.3	855.5	951.9	1168.3	1399.6	1599.7	1787.0	1987.4	2150.5	2278.0	2395.9
-57.5°	597.8	634.5	685.4	777.1	860.9	936.7	1066.3	1224.5	1365.5	1488.9	1597.3
-60°	503.2	525.6	558.8	592.7	622.8	650.1	716.4	775.3	825.7	869.1	911.0
-62.5°	427.1	453.3	467.1	485.1	509.9	536.9	547.2	562.0	580.1	600.5	619.0
-65°	331.3	351.7	372.2	382.3	383.1	395.9	416.0	427.2	430.5	433.0	439.4
-67.5°	274.3	279.9	290.5	300.6	312.7	321.5	331.3	340.5	349.0	356.2	362.2
-70°	228.1	237.7	246.5	254.6	262.4	269.5	275.9	281.9	287.3	288.3	289.6
-72.5°	187.3	196.9	204.6	212.4	219.2	224.5	228.5	231.8	234.5	216.7	191.7
-75°	152.4	162.2	170.3	177.5	183.8	186.9	189.0	191.0	192.9	171.1	142.4
-77.5°	122.7	130.2	134.0	138.6	143.8	144.8	145.1	145.6	146.2	129.7	108.7
-80°	79.0	86.4	91.3	95.3	98.4	95.4	90.8	85.5	79.6	70.7	61.0
-82.5°	42.2	45.3	48.2	51.4	54.7	54.2	52.7	50.5	47.7	42.5	36.8
-85°	16.4	16.1	15.5	14.7	13.6	14.1	14.5	14.9	15.2	14.2	13.1
-87.5°	2.2	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.6	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



REPORT NUMBER: P559203 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6
85°	12.0	10.7	10.8	10.8	10.8	10.7	12.0	13.1	14.2	15.2	14.9
82.5°	30.6	24.2	25.5	26.9	25.5	24.2	30.6	36.8	42.5	47.7	50.5
80°	50.9	40.4	41.6	43.0	41.6	40.4	50.9	61.0	70.7	79.6	85.5
77.5°	86.2	62.5	60.4	59.2	60.4	62.5	86.2	108.7	129.7	146.2	145.6
75°	112.8	82.4	80.6	80.7	80.6	82.4	112.8	142.4	171.1	192.9	191.0
72.5°	166.4	140.7	122.9	104.9	122.9	140.7	166.4	191.7	216.7	234.5	231.8
70°	292.7	296.3	294.8	290.4	294.8	296.3	292.7	289.6	288.3	287.3	281.9
67.5°	367.2	371.1	371.9	371.1	371.9	371.1	367.2	362.2	356.2	349.0	340.5
65°	443.7	446.3	448.3	449.1	448.3	446.3	443.7	439.4	433.0	430.5	427.2
62.5°	632.9	642.1	652.0	658.8	652.0	642.1	632.9	619.0	600.5	580.1	562.0
60°	947.5	977.7	991.1	992.3	991.1	977.7	947.5	911.0	869.1	825.7	775.3
57.5°	1684.1	1749.0	1806.8	1850.1	1806.8	1749.0	1684.1	1597.3	1488.9	1365.5	1224.5
55°	2490.0	2559.0	2597.9	2608.4	2597.9	2559.0	2490.0	2395.9	2278.0	2150.5	1987.4
52.5°	3226.4	3272.4	3315.9	3353.3	3315.9	3272.4	3226.4	3151.7	3053.1	2949.1	2810.5
50°	4065.0	4116.2	4159.2	4192.3	4159.2	4116.2	4065.0	3980.3	3867.9	3741.0	3593.6
47.5°	4961.5	5024.1	5070.2	5101.2	5070.2	5024.1	4961.5	4863.6	4724.2	4556.7	4375.1
45°	5855.9	5963.1	6028.3	6039.7	6028.3	5963.1	5855.9	5721.4	5564.4	5365.9	5125.6
42.5°	6754.9	6857.7	6927.0	6978.2	6927.0	6857.7	6754.9	6603.9	6429.3	6212.4	5957.2
40°	7771.6	7900.7	7959.8	7922.1	7959.8	7900.7	7771.6	7590.5	7373.1	7116.1	6825.5
37.5°	8813.2	8945.9	9014.3	9011.2	9014.3	8945.9	8813.2	8618.5	8366.1	8065.5	7724.9
35°	9917.5	10082.0	10171.1	10148.7	10171.1	10082.0	9917.5	9680.9	9376.5	9022.4	8645.2
32.5°	11011.5	11210.4	11338.8	11358.7	11338.8	11210.4	11011.5	10751.9	10426.9	10035.0	9589.1
30°	12108.7	12323.7	12451.4	12464.0	12451.4	12323.7	12108.7	11812.7	11443.5	11016.6	10532.8
27.5°	13249.0	13489.5	13623.3	13655.2	13623.3	13489.5	13249.0	12897.3	12478.3	11992.7	11452.7
25°	14364.6	14631.6	14785.0	14843.8	14785.0	14631.6	14364.6	13976.6	13521.6	12987.4	12370.0
22.5°	15440.4	15733.1	15933.0	15984.0	15933.0	15733.1	15440.4	15037.6	14552.5	13992.7	13333.2
20°	16519.3	16864.8	17120.4	17145.7	17120.4	16864.8	16519.3	16064.6	15517.5	14907.5	14210.7
17.5°	17558.1	17931.9	18205.6	18272.4	18205.6	17931.9	17558.1	17063.9	16447.1	15770.4	15009.7
15°	18488.1	18880.4	19144.7	19202.8	19144.7	18880.4	18488.1	17974.4	17352.3	16615.7	15759.9
12.5°	19290.7	19652.4	19899.0	19993.4	19899.0	19652.4	19290.7	18777.2	18138.6	17346.6	16436.9
10°	19937.3	20216.6	20437.2	20536.6	20437.2	20216.6	19937.3	19425.7	18769.7	17948.9	16971.7
7.5°	20298.2	20528.0	20680.7	20735.6	20680.7	20528.0	20298.2	19891.3	19217.1	18351.5	17388.9
5°	20440.8	20661.1	20743.8	20792.1	20743.8	20661.1	20440.8	20017.9	19467.7	18683.3	17730.2
2.5°	20460.3	20636.6	20806.7	20918.5	20806.7	20636.6	20460.3	20143.5	19667.0	18924.6	17949.1
0°	20574.3	20746.4	20840.5	20894.3	20840.5	20746.4	20574.3	20289.2	19797.1	19071.1	18092.2
-2.5°	20460.3	20636.6	20806.7	20918.5	20806.7	20636.6	20460.3	20143.5	19667.0	18924.6	17949.1
-5°	20440.8	20661.1	20743.8	20792.1	20743.8	20661.1	20440.8	20017.9	19467.7	18683.3	17730.2
-7.5°	20298.2	20528.0	20680.7	20735.6	20680.7	20528.0	20298.2	19891.3	19217.1	18351.5	17388.9
-10°	19937.3	20216.6	20437.2	20536.6	20437.2	20216.6	19937.3	19425.7	18769.7	17948.9	16971.7
-12.5°	19290.7	19652.4	19899.0	19993.4	19899.0	19652.4	19290.7	18777.2	18138.6	17346.6	16436.9
-15°	18488.1	18880.4	19144.7	19202.8	19144.7	18880.4	18488.1	17974.4	17352.3	16615.7	15759.9
-17.5°	17558.1	17931.9	18205.6	18272.4	18205.6	17931.9	17558.1	17063.9	16447.1	15770.4	15009.7
-20°	16519.3	16864.8	17120.4	17145.7	17120.4	16864.8	16519.3	16064.6	15517.5	14907.5	14210.7



REPORT NUMBER: P559203 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	15440.4	15733.1	15933.0	15984.0	15933.0	15733.1	15440.4	15037.6	14552.5	13992.7	13333.2
-25°	14364.6	14631.6	14785.0	14843.8	14785.0	14631.6	14364.6	13976.6	13521.6	12987.4	12370.0
-27.5°	13249.0	13489.5	13623.3	13655.2	13623.3	13489.5	13249.0	12897.3	12478.3	11992.7	11452.7
-30°	12108.7	12323.7	12451.4	12464.0	12451.4	12323.7	12108.7	11812.7	11443.5	11016.6	10532.8
-32.5°	11011.5	11210.4	11338.8	11358.7	11338.8	11210.4	11011.5	10751.9	10426.9	10035.0	9589.1
-35°	9917.5	10082.0	10171.1	10148.7	10171.1	10082.0	9917.5	9680.9	9376.5	9022.4	8645.2
-37.5°	8813.2	8945.9	9014.3	9011.2	9014.3	8945.9	8813.2	8618.5	8366.1	8065.5	7724.9
-40°	7771.6	7900.7	7959.8	7922.1	7959.8	7900.7	7771.6	7590.5	7373.1	7116.1	6825.5
-42.5°	6754.9	6857.7	6927.0	6978.2	6927.0	6857.7	6754.9	6603.9	6429.3	6212.4	5957.2
-45°	5855.9	5963.1	6028.3	6039.7	6028.3	5963.1	5855.9	5721.4	5564.4	5365.9	5125.6
-47.5°	4961.5	5024.1	5070.2	5101.2	5070.2	5024.1	4961.5	4863.6	4724.2	4556.7	4375.1
-50°	4065.0	4116.2	4159.2	4192.3	4159.2	4116.2	4065.0	3980.3	3867.9	3741.0	3593.6
-52.5°	3226.4	3272.4	3315.9	3353.3	3315.9	3272.4	3226.4	3151.7	3053.1	2949.1	2810.5
-55°	2490.0	2559.0	2597.9	2608.4	2597.9	2559.0	2490.0	2395.9	2278.0	2150.5	1987.4
-57.5°	1684.1	1749.0	1806.8	1850.1	1806.8	1749.0	1684.1	1597.3	1488.9	1365.5	1224.5
-60°	947.5	977.7	991.1	992.3	991.1	977.7	947.5	911.0	869.1	825.7	775.3
-62.5°	632.9	642.1	652.0	658.8	652.0	642.1	632.9	619.0	600.5	580.1	562.0
-65°	443.7	446.3	448.3	449.1	448.3	446.3	443.7	439.4	433.0	430.5	427.2
-67.5°	367.2	371.1	371.9	371.1	371.9	371.1	367.2	362.2	356.2	349.0	340.5
-70°	292.7	296.3	294.8	290.4	294.8	296.3	292.7	289.6	288.3	287.3	281.9
-72.5°	166.4	140.7	122.9	104.9	122.9	140.7	166.4	191.7	216.7	234.5	231.8
-75°	112.8	82.4	80.6	80.7	80.6	82.4	112.8	142.4	171.1	192.9	191.0
-77.5°	86.2	62.5	60.4	59.2	60.4	62.5	86.2	108.7	129.7	146.2	145.6
-80°	50.9	40.4	41.6	43.0	41.6	40.4	50.9	61.0	70.7	79.6	85.5
-82.5°	30.6	24.2	25.5	26.9	25.5	24.2	30.6	36.8	42.5	47.7	50.5
-85°	12.0	10.7	10.8	10.8	10.8	10.7	12.0	13.1	14.2	15.2	14.9
-87.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6
-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: P559203 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-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°	2.5	2.5	2.4	2.4	2.3	2.3	2.2	2.7	3.1	3.5	3.8
85°	14.5	14.1	13.6	14.7	15.5	16.1	16.4	14.4	12.6	11.0	9.9
82.5°	52.7	54.2	54.7	51.4	48.2	45.3	42.2	35.3	28.9	23.3	18.9
80°	90.8	95.4	98.4	95.3	91.3	86.4	79.0	64.7	52.1	41.7	35.2
77.5°	145.1	144.8	143.8	138.6	134.0	130.2	122.7	101.2	80.2	61.6	52.3
75°	189.0	186.9	183.8	177.5	170.3	162.2	152.4	137.6	119.1	96.6	80.9
72.5°	228.5	224.5	219.2	212.4	204.6	196.9	187.3	175.1	160.8	144.4	131.5
70°	275.9	269.5	262.4	254.6	246.5	237.7	228.1	216.2	201.2	185.0	175.9
67.5°	331.3	321.5	312.7	300.6	290.5	279.9	274.3	264.1	250.4	233.8	222.6
65°	416.0	395.9	383.1	382.3	372.2	351.7	331.3	321.4	310.3	291.8	272.1
62.5°	547.2	536.9	509.9	485.1	467.1	453.3	427.1	399.2	377.5	358.5	333.0
60°	716.4	650.1	622.8	592.7	558.8	525.6	503.2	476.1	444.1	418.6	392.5
57.5°	1066.3	936.7	860.9	777.1	685.4	634.5	597.8	555.3	519.2	483.7	450.8
55°	1787.0	1599.7	1399.6	1168.3	951.9	855.5	748.3	663.9	611.8	552.1	512.7
52.5°	2632.9	2407.2	2155.7	1879.5	1598.5	1299.8	1005.1	880.0	736.3	647.7	581.8
50°	3417.5	3182.6	2934.6	2663.2	2328.1	1964.2	1609.0	1254.8	965.5	800.2	668.4
47.5°	4160.7	3903.8	3628.7	3336.2	3027.1	2683.2	2267.5	1831.4	1421.3	1009.7	830.0
45°	4881.7	4605.3	4297.0	3978.7	3647.2	3294.6	2922.7	2475.2	1982.1	1508.6	1019.7
42.5°	5660.6	5326.7	4980.8	4625.0	4245.6	3870.5	3476.8	3057.1	2583.7	2040.0	1510.7
40°	6486.9	6117.0	5722.3	5299.7	4878.5	4433.1	4008.6	3567.1	3106.6	2592.9	1996.3
37.5°	7334.3	6909.8	6480.6	6014.9	5534.9	5045.4	4549.8	4063.6	3571.6	3069.7	2492.0
35°	8215.2	7745.9	7249.1	6740.8	6199.9	5667.2	5121.0	4568.5	4030.3	3494.4	2942.3
32.5°	9104.3	8589.6	8033.3	7470.1	6884.8	6285.1	5693.2	5093.6	4478.8	3907.3	3329.1
30°	10000.4	9430.2	8824.1	8181.3	7543.7	6902.1	6250.4	5592.8	4934.5	4299.8	3700.2
27.5°	10880.3	10260.9	9601.5	8903.0	8173.7	7485.5	6785.0	6072.3	5363.5	4687.7	4044.0
25°	11748.2	11069.6	10338.3	9590.8	8825.9	8023.9	7279.8	6530.4	5784.5	5050.0	4355.1
22.5°	12612.7	11853.1	11049.0	10224.2	9422.0	8577.5	7747.1	6951.4	6173.3	5394.8	4659.2
20°	13440.6	12604.2	11736.7	10843.6	9955.4	9085.2	8191.6	7345.5	6523.7	5717.5	4941.9
17.5°	14171.9	13285.7	12373.7	11409.2	10460.8	9536.0	8611.4	7706.5	6840.9	5998.0	5197.9
15°	14847.3	13906.7	12936.9	11928.2	10920.1	9929.9	8974.5	8024.4	7125.3	6247.4	5425.1
12.5°	15460.3	14463.4	13446.9	12383.5	11325.9	10278.4	9283.1	8310.8	7373.9	6469.6	5616.7
10°	15961.3	14924.5	13868.3	12777.6	11676.0	10581.9	9539.0	8541.8	7574.1	6646.5	5776.3
7.5°	16368.2	15286.8	14189.9	13089.4	11954.6	10835.2	9752.3	8716.5	7730.4	6775.9	5901.9
5°	16685.7	15572.2	14436.2	13318.8	12155.7	11012.7	9911.7	8834.1	7840.1	6859.0	5992.2
2.5°	16903.5	15766.2	14589.2	13457.1	12286.3	11123.2	10030.3	8925.0	7918.2	6946.3	6071.4
0°	17035.4	15911.4	14704.0	13553.0	12404.8	11184.0	10111.0	8987.0	7951.7	7002.4	6112.3
-2.5°	16903.5	15766.2	14589.2	13457.1	12286.3	11123.2	10030.3	8925.0	7918.2	6946.3	6071.4
-5°	16685.7	15572.2	14436.2	13318.8	12155.7	11012.7	9911.7	8834.1	7840.1	6859.0	5992.2
-7.5°	16368.2	15286.8	14189.9	13089.4	11954.6	10835.2	9752.3	8716.5	7730.4	6775.9	5901.9
-10°	15961.3	14924.5	13868.3	12777.6	11676.0	10581.9	9539.0	8541.8	7574.1	6646.5	5776.3
-12.5°	15460.3	14463.4	13446.9	12383.5	11325.9	10278.4	9283.1	8310.8	7373.9	6469.6	5616.7
-15°	14847.3	13906.7	12936.9	11928.2	10920.1	9929.9	8974.5	8024.4	7125.3	6247.4	5425.1
-17.5°	14171.9	13285.7	12373.7	11409.2	10460.8	9536.0	8611.4	7706.5	6840.9	5998.0	5197.9
-20°	13440.6	12604.2	11736.7	10843.6	9955.4	9085.2	8191.6	7345.5	6523.7	5717.5	4941.9



REPORT NUMBER: P559203 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	12612.7	11853.1	11049.0	10224.2	9422.0	8577.5	7747.1	6951.4	6173.3	5394.8	4659.2
-25°	11748.2	11069.6	10338.3	9590.8	8825.9	8023.9	7279.8	6530.4	5784.5	5050.0	4355.1
-27.5°	10880.3	10260.9	9601.5	8903.0	8173.7	7485.5	6785.0	6072.3	5363.5	4687.7	4044.0
-30°	10000.4	9430.2	8824.1	8181.3	7543.7	6902.1	6250.4	5592.8	4934.5	4299.8	3700.2
-32.5°	9104.3	8589.6	8033.3	7470.1	6884.8	6285.1	5693.2	5093.6	4478.8	3907.3	3329.1
-35°	8215.2	7745.9	7249.1	6740.8	6199.9	5667.2	5121.0	4568.5	4030.3	3494.4	2942.3
-37.5°	7334.3	6909.8	6480.6	6014.9	5534.9	5045.4	4549.8	4063.6	3571.6	3069.7	2492.0
-40°	6486.9	6117.0	5722.3	5299.7	4878.5	4433.1	4008.6	3567.1	3106.6	2592.9	1996.3
-42.5°	5660.6	5326.7	4980.8	4625.0	4245.6	3870.5	3476.8	3057.1	2583.7	2040.0	1510.7
-45°	4881.7	4605.3	4297.0	3978.7	3647.2	3294.6	2922.7	2475.2	1982.1	1508.6	1019.7
-47.5°	4160.7	3903.8	3628.7	3336.2	3027.1	2683.2	2267.5	1831.4	1421.3	1009.7	830.0
-50°	3417.5	3182.6	2934.6	2663.2	2328.1	1964.2	1609.0	1254.8	965.5	800.2	668.4
-52.5°	2632.9	2407.2	2155.7	1879.5	1598.5	1299.8	1005.1	880.0	736.3	647.7	581.8
-55°	1787.0	1599.7	1399.6	1168.3	951.9	855.5	748.3	663.9	611.8	552.1	512.7
-57.5°	1066.3	936.7	860.9	777.1	685.4	634.5	597.8	555.3	519.2	483.7	450.8
-60°	716.4	650.1	622.8	592.7	558.8	525.6	503.2	476.1	444.1	418.6	392.5
-62.5°	547.2	536.9	509.9	485.1	467.1	453.3	427.1	399.2	377.5	358.5	333.0
-65°	416.0	395.9	383.1	382.3	372.2	351.7	331.3	321.4	310.3	291.8	272.1
-67.5°	331.3	321.5	312.7	300.6	290.5	279.9	274.3	264.1	250.4	233.8	222.6
-70°	275.9	269.5	262.4	254.6	246.5	237.7	228.1	216.2	201.2	185.0	175.9
-72.5°	228.5	224.5	219.2	212.4	204.6	196.9	187.3	175.1	160.8	144.4	131.5
-75°	189.0	186.9	183.8	177.5	170.3	162.2	152.4	137.6	119.1	96.6	80.9
-77.5°	145.1	144.8	143.8	138.6	134.0	130.2	122.7	101.2	80.2	61.6	52.3
-80°	90.8	95.4	98.4	95.3	91.3	86.4	79.0	64.7	52.1	41.7	35.2
-82.5°	52.7	54.2	54.7	51.4	48.2	45.3	42.2	35.3	28.9	23.3	18.9
-85°	14.5	14.1	13.6	14.7	15.5	16.1	16.4	14.4	12.6	11.0	9.9
-87.5°	2.5	2.5	2.4	2.4	2.3	2.3	2.2	2.7	3.1	3.5	3.8
-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: P559203 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	3.6	3.5	3.3	3.1	3.3	3.4	3.4	3.4	3.1	2.8	2.4
85°	9.9	9.6	9.1	8.2	7.6	6.8	6.9	6.8	6.2	5.5	4.9
82.5°	19.0	19.2	19.4	19.1	18.9	18.2	17.0	15.2	11.9	8.7	7.3
80°	39.5	41.7	41.7	39.2	34.3	29.8	28.7	26.4	21.8	17.3	13.0
77.5°	60.2	66.0	69.5	68.2	60.7	53.6	46.7	39.4	31.6	25.9	20.3
75°	82.5	90.0	95.8	95.7	87.8	77.2	67.9	58.2	46.6	34.9	27.5
72.5°	124.9	121.9	122.9	123.4	116.6	106.4	92.7	76.8	63.5	49.9	36.2
70°	167.5	156.4	148.9	147.6	144.1	136.5	122.8	102.2	80.2	64.7	49.2
67.5°	212.3	201.2	186.9	174.4	169.7	163.2	152.7	128.5	102.5	79.4	62.0
65°	258.4	245.1	231.7	213.3	199.3	189.9	179.2	153.4	124.0	97.4	74.6
62.5°	308.6	287.0	269.7	249.9	230.9	216.6	205.1	177.2	145.1	114.7	88.2
60°	363.9	336.2	308.0	284.4	261.8	241.6	225.3	201.1	167.8	131.0	101.8
57.5°	419.9	386.1	351.0	319.6	293.1	267.9	244.6	221.2	190.5	151.0	114.0
55°	476.2	438.6	394.0	355.7	324.1	296.1	265.5	239.3	211.8	171.9	123.4
52.5°	530.6	487.8	440.2	392.7	354.1	322.3	288.5	257.4	228.5	192.7	137.4
50°	597.1	535.1	484.9	433.5	383.6	346.5	310.2	276.4	245.1	211.7	150.5
47.5°	674.0	595.5	529.3	473.3	419.4	370.3	331.8	294.5	261.6	226.5	161.9
45°	827.4	664.2	581.1	514.4	453.2	398.9	353.2	311.3	276.5	232.9	171.5
42.5°	1002.6	792.4	642.0	555.0	489.7	427.6	374.1	329.8	290.3	237.0	176.9
40°	1424.3	952.5	724.1	609.0	526.3	454.4	397.8	348.2	302.0	239.6	178.9
37.5°	1857.5	1249.7	868.5	661.5	565.2	487.2	420.2	366.0	307.1	242.1	179.5
35°	2297.1	1638.1	1010.0	756.2	611.8	518.9	440.6	383.6	318.4	244.6	178.6
32.5°	2714.4	2013.2	1334.4	881.8	656.6	549.5	464.7	401.2	332.7	247.1	176.2
30°	3072.3	2377.5	1655.8	1001.6	719.1	587.5	491.3	417.9	349.7	249.5	173.6
27.5°	3397.8	2717.8	1958.0	1233.8	822.5	624.1	516.4	433.5	369.3	255.6	174.1
25°	3697.4	3008.1	2249.7	1488.5	919.5	659.0	539.2	448.3	384.9	268.8	174.2
22.5°	3962.0	3266.5	2516.6	1720.4	1007.0	692.9	563.7	467.2	396.7	282.8	173.8
20°	4199.5	3501.3	2759.1	1934.6	1150.9	765.3	590.2	484.0	407.4	297.3	172.8
17.5°	4413.2	3705.5	2962.9	2137.7	1322.9	829.4	614.3	498.7	417.0	311.8	171.2
15°	4621.6	3878.9	3136.0	2317.4	1474.4	884.9	636.0	511.2	425.5	325.9	170.3
12.5°	4796.8	4027.2	3282.0	2472.7	1604.6	931.8	655.1	521.7	432.8	338.4	169.2
10°	4937.4	4149.5	3400.7	2602.7	1712.9	970.1	671.3	529.5	438.4	348.8	165.8
7.5°	5043.4	4245.3	3492.3	2706.4	1798.6	1001.5	681.7	534.1	442.9	357.0	160.5
5°	5119.8	4317.5	3559.1	2783.1	1860.5	1027.3	688.3	536.4	446.2	362.9	153.7
2.5°	5183.1	4368.2	3600.9	2832.2	1898.2	1045.0	691.4	536.7	448.4	365.9	145.8
0°	5214.2	4391.3	3616.8	2853.1	1911.9	1054.1	691.1	535.1	449.1	365.7	137.1
-2.5°	5183.1	4368.2	3600.9	2832.2	1898.2	1045.0	691.4	536.7	448.4	365.9	145.8
-5°	5119.8	4317.5	3559.1	2783.1	1860.5	1027.3	688.3	536.4	446.2	362.9	153.7
-7.5°	5043.4	4245.3	3492.3	2706.4	1798.6	1001.5	681.7	534.1	442.9	357.0	160.5
-10°	4937.4	4149.5	3400.7	2602.7	1712.9	970.1	671.3	529.5	438.4	348.8	165.8
-12.5°	4796.8	4027.2	3282.0	2472.7	1604.6	931.8	655.1	521.7	432.8	338.4	169.2
-15°	4621.6	3878.9	3136.0	2317.4	1474.4	884.9	636.0	511.2	425.5	325.9	170.3
-17.5°	4413.2	3705.5	2962.9	2137.7	1322.9	829.4	614.3	498.7	417.0	311.8	171.2
-20°	4199.5	3501.3	2759.1	1934.6	1150.9	765.3	590.2	484.0	407.4	297.3	172.8



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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°	3962.0	3266.5	2516.6	1720.4	1007.0	692.9	563.7	467.2	396.7	282.8	173.8
-25°	3697.4	3008.1	2249.7	1488.5	919.5	659.0	539.2	448.3	384.9	268.8	174.2
-27.5°	3397.8	2717.8	1958.0	1233.8	822.5	624.1	516.4	433.5	369.3	255.6	174.1
-30°	3072.3	2377.5	1655.8	1001.6	719.1	587.5	491.3	417.9	349.7	249.5	173.6
-32.5°	2714.4	2013.2	1334.4	881.8	656.6	549.5	464.7	401.2	332.7	247.1	176.2
-35°	2297.1	1638.1	1010.0	756.2	611.8	518.9	440.6	383.6	318.4	244.6	178.6
-37.5°	1857.5	1249.7	868.5	661.5	565.2	487.2	420.2	366.0	307.1	242.1	179.5
-40°	1424.3	952.5	724.1	609.0	526.3	454.4	397.8	348.2	302.0	239.6	178.9
-42.5°	1002.6	792.4	642.0	555.0	489.7	427.6	374.1	329.8	290.3	237.0	176.9
-45°	827.4	664.2	581.1	514.4	453.2	398.9	353.2	311.3	276.5	232.9	171.5
-47.5°	674.0	595.5	529.3	473.3	419.4	370.3	331.8	294.5	261.6	226.5	161.9
-50°	597.1	535.1	484.9	433.5	383.6	346.5	310.2	276.4	245.1	211.7	150.5
-52.5°	530.6	487.8	440.2	392.7	354.1	322.3	288.5	257.4	228.5	192.7	137.4
-55°	476.2	438.6	394.0	355.7	324.1	296.1	265.5	239.3	211.8	171.9	123.4
-57.5°	419.9	386.1	351.0	319.6	293.1	267.9	244.6	221.2	190.5	151.0	114.0
-60°	363.9	336.2	308.0	284.4	261.8	241.6	225.3	201.1	167.8	131.0	101.8
-62.5°	308.6	287.0	269.7	249.9	230.9	216.6	205.1	177.2	145.1	114.7	88.2
-65°	258.4	245.1	231.7	213.3	199.3	189.9	179.2	153.4	124.0	97.4	74.6
-67.5°	212.3	201.2	186.9	174.4	169.7	163.2	152.7	128.5	102.5	79.4	62.0
-70°	167.5	156.4	148.9	147.6	144.1	136.5	122.8	102.2	80.2	64.7	49.2
-72.5°	124.9	121.9	122.9	123.4	116.6	106.4	92.7	76.8	63.5	49.9	36.2
-75°	82.5	90.0	95.8	95.7	87.8	77.2	67.9	58.2	46.6	34.9	27.5
-77.5°	60.2	66.0	69.5	68.2	60.7	53.6	46.7	39.4	31.6	25.9	20.3
-80°	39.5	41.7	41.7	39.2	34.3	29.8	28.7	26.4	21.8	17.3	13.0
-82.5°	19.0	19.2	19.4	19.1	18.9	18.2	17.0	15.2	11.9	8.7	7.3
-85°	9.9	9.6	9.1	8.2	7.6	6.8	6.9	6.8	6.2	5.5	4.9
-87.5°	3.6	3.5	3.3	3.1	3.3	3.4	3.4	3.4	3.1	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



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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°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
82.5°	6.3	5.2	4.2	3.2	2.1	1.1	0.0
80°	8.8	7.0	5.6	4.2	2.8	1.4	0.0
77.5°	14.9	9.6	7.0	5.2	3.5	1.8	0.0
75°	20.7	13.9	8.6	6.3	4.2	2.1	0.0
72.5°	26.4	18.0	11.4	7.3	4.9	2.4	0.0
70°	32.5	21.9	14.1	8.4	5.5	2.8	0.0
67.5°	42.4	25.7	16.7	10.0	6.2	3.1	0.0
65°	51.6	30.8	19.2	11.6	6.8	3.4	0.0
62.5°	60.3	36.8	21.5	13.0	7.5	3.7	0.0
60°	68.1	42.4	23.7	14.4	8.1	4.0	0.0
57.5°	76.0	47.5	27.0	15.7	8.9	4.4	0.0
55°	83.1	52.0	30.0	16.9	9.7	4.6	0.0
52.5°	89.2	56.0	32.6	18.0	10.4	4.9	0.0
50°	94.3	59.6	34.9	18.9	11.1	5.2	0.0
47.5°	99.0	62.6	36.8	19.9	11.8	5.5	0.0
45°	107.0	64.8	38.3	20.9	12.5	5.7	0.0
42.5°	113.7	66.3	39.4	21.8	13.2	6.0	0.0
40°	119.0	67.1	40.1	22.8	13.8	6.2	0.0
37.5°	123.0	67.0	40.4	23.9	14.4	6.4	0.0
35°	125.7	68.6	40.3	24.9	14.9	6.6	0.0
32.5°	126.2	70.4	39.7	25.9	15.4	6.8	0.0
30°	123.8	71.3	38.7	26.8	15.9	7.0	0.0
27.5°	120.5	71.4	39.7	27.7	16.4	7.2	0.0
25°	116.1	70.5	40.9	28.5	16.8	7.3	0.0
22.5°	110.8	70.5	42.0	29.2	17.2	7.5	0.0
20°	104.7	73.8	43.1	29.8	17.5	7.6	0.0
17.5°	103.6	76.8	44.1	30.4	17.8	7.7	0.0
15°	105.7	79.3	45.0	30.9	18.1	7.8	0.0
12.5°	107.5	81.4	45.8	31.3	18.3	7.9	0.0
10°	109.1	83.1	46.5	31.7	18.5	8.0	0.0
7.5°	110.5	84.4	47.2	32.0	18.6	8.0	0.0
5°	111.6	85.4	47.7	32.1	18.7	8.1	0.0
2.5°	112.4	85.9	48.1	32.3	18.8	8.1	0.0
0°	112.9	86.1	48.4	32.3	18.8	8.1	0.0
-2.5°	112.4	85.9	48.1	32.3	18.8	8.1	0.0
-5°	111.6	85.4	47.7	32.1	18.7	8.1	0.0
-7.5°	110.5	84.4	47.2	32.0	18.6	8.0	0.0
-10°	109.1	83.1	46.5	31.7	18.5	8.0	0.0
-12.5°	107.5	81.4	45.8	31.3	18.3	7.9	0.0
-15°	105.7	79.3	45.0	30.9	18.1	7.8	0.0
-17.5°	103.6	76.8	44.1	30.4	17.8	7.7	0.0
-20°	104.7	73.8	43.1	29.8	17.5	7.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	110.8	70.5	42.0	29.2	17.2	7.5	0.0
-25°	116.1	70.5	40.9	28.5	16.8	7.3	0.0
-27.5°	120.5	71.4	39.7	27.7	16.4	7.2	0.0
-30°	123.8	71.3	38.7	26.8	15.9	7.0	0.0
-32.5°	126.2	70.4	39.7	25.9	15.4	6.8	0.0
-35°	125.7	68.6	40.3	24.9	14.9	6.6	0.0
-37.5°	123.0	67.0	40.4	23.9	14.4	6.4	0.0
-40°	119.0	67.1	40.1	22.8	13.8	6.2	0.0
-42.5°	113.7	66.3	39.4	21.8	13.2	6.0	0.0
-45°	107.0	64.8	38.3	20.9	12.5	5.7	0.0
-47.5°	99.0	62.6	36.8	19.9	11.8	5.5	0.0
-50°	94.3	59.6	34.9	18.9	11.1	5.2	0.0
-52.5°	89.2	56.0	32.6	18.0	10.4	4.9	0.0
-55°	83.1	52.0	30.0	16.9	9.7	4.6	0.0
-57.5°	76.0	47.5	27.0	15.7	8.9	4.4	0.0
-60°	68.1	42.4	23.7	14.4	8.1	4.0	0.0
-62.5°	60.3	36.8	21.5	13.0	7.5	3.7	0.0
-65°	51.6	30.8	19.2	11.6	6.8	3.4	0.0
-67.5°	42.4	25.7	16.7	10.0	6.2	3.1	0.0
-70°	32.5	21.9	14.1	8.4	5.5	2.8	0.0
-72.5°	26.4	18.0	11.4	7.3	4.9	2.4	0.0
-75°	20.7	13.9	8.6	6.3	4.2	2.1	0.0
-77.5°	14.9	9.6	7.0	5.2	3.5	1.8	0.0
-80°	8.8	7.0	5.6	4.2	2.8	1.4	0.0
-82.5°	6.3	5.2	4.2	3.2	2.1	1.1	0.0
-85°	4.2	3.5	2.8	2.1	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)