

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: P559248 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-935-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559248 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6E-935-U-TS-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, TIGHT SPOT N2
Light Source: (96) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

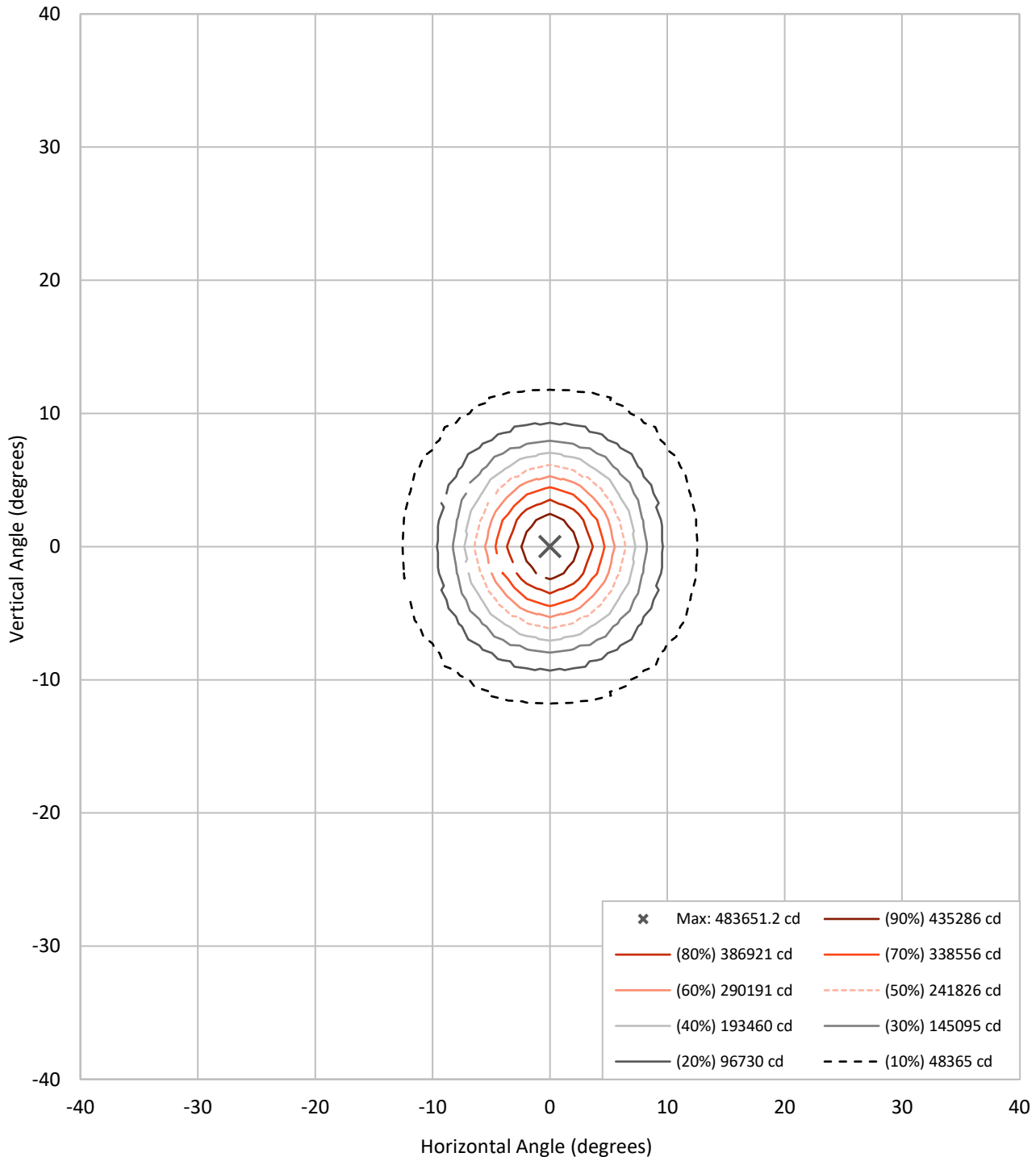
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	35058.3 lumens	Max Intensity:	483651.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	95.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	11077.8 lumens	Field Lumens:	24541.3 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 368
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





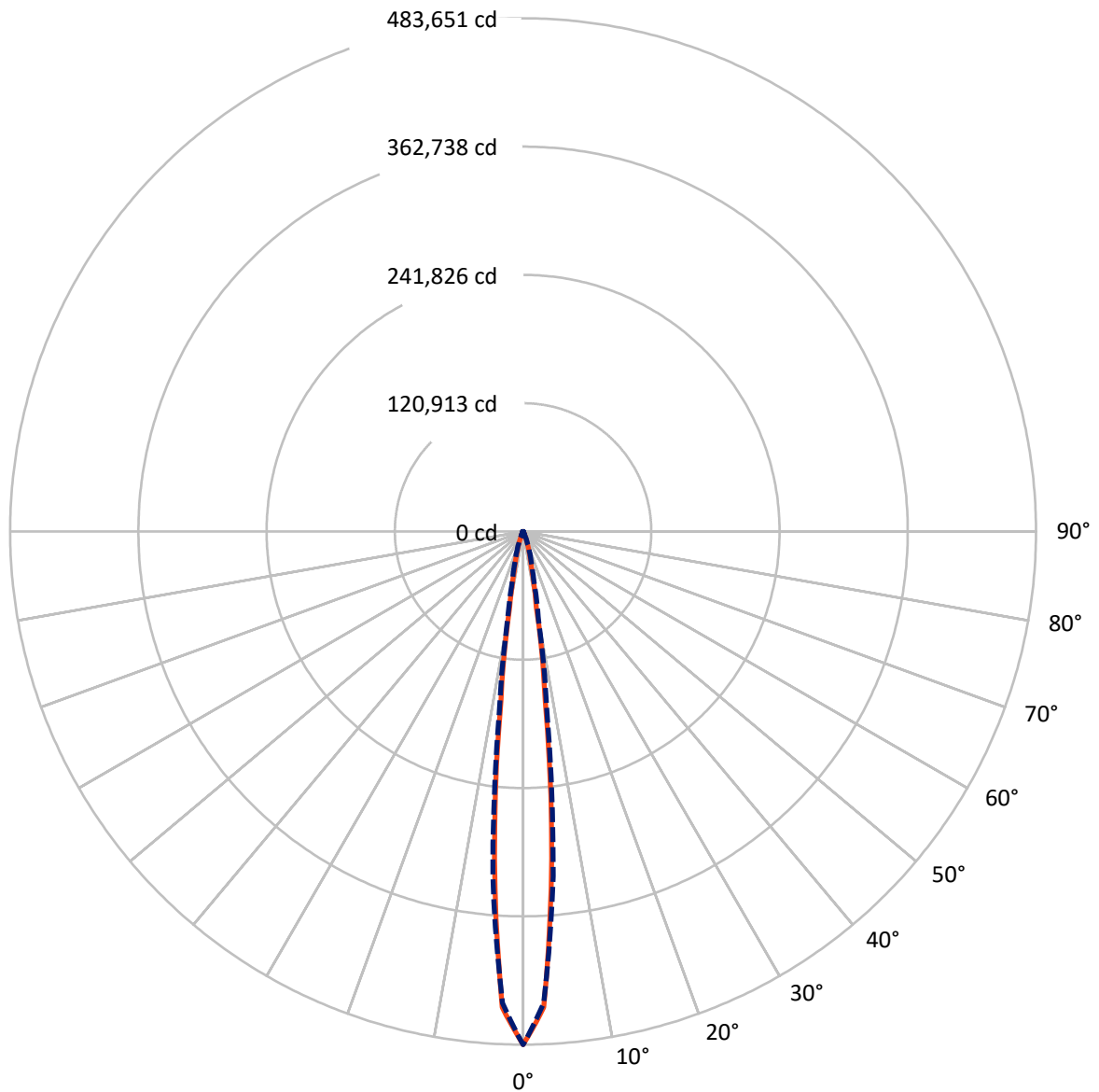
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Lumen Table

90	0.5	4.0		11.2		18.2		21.0		18.2		11.2		4.0		0.5			
80	0.5	4.0		11.2		18.2		21.0		18.2		11.2		4.0		0.5			
70	1.8	2.1	4.6	7.5	10.3	12.6	14.4	15.3	15.3	14.4	12.6	10.3	7.5	4.6	2.1	1.8			
60		3.3	6.8	10.2	13.3	15.7	17.2	17.8	17.8	17.2	15.7	13.3	10.2	6.8	3.3				
50	3.4	4.4	8.3	11.9	14.9	17.5	19.5	20.5	20.5	19.5	17.5	14.9	11.9	8.3	4.4	3.4			
40		5.3	9.3	12.9	16.6	21.4	26.8	30.2	30.2	26.8	21.4	16.6	12.9	9.3	5.3				
30	4.5	5.8	9.9	13.8	19.5	30.3	67.3	122.3	122.3	67.3	30.3	19.5	13.8	9.9	5.8	4.5			
20		6.1	10.1	14.5	23.1	65.1	367.6	808.7	808.7	367.6	65.1	23.1	14.5	10.1	6.1				
10	4.9	6.3	10.2	14.9	25.6	124.9	882.5	5708.8	5708.8	882.5	124.9	25.6	14.9	10.2	6.3	4.9			
0		6.3	10.2	14.9	25.6	124.9	882.5	5708.8	5708.8	882.5	124.9	25.6	14.9	10.2	6.3				
-10	4.5	6.1	10.1	14.5	23.1	65.1	367.6	808.7	808.7	367.6	65.1	23.1	14.5	10.1	6.1	4.5			
-20		5.8	9.9	13.8	19.5	30.3	67.3	122.3	122.3	67.3	30.3	19.5	13.8	9.9	5.8				
-30	3.4	5.3	9.3	12.9	16.6	21.4	26.8	30.2	30.2	26.8	21.4	16.6	12.9	9.3	5.3	3.4			
-40		4.4	8.3	11.9	14.9	17.5	19.5	20.5	20.5	19.5	17.5	14.9	11.9	8.3	4.4				
-50	1.8	3.3	6.8	10.2	13.3	15.7	17.2	17.8	17.8	17.2	15.7	13.3	10.2	6.8	3.3	1.8			
-60		2.1	4.6	7.5	10.3	12.6	14.4	15.3	15.3	14.4	12.6	10.3	7.5	4.6	2.1				
-70	0.5	4.0		11.2		18.2		21.0		18.2		11.2		4.0		0.5			
-80		4.0		11.2		18.2		21.0		18.2		11.2		4.0					
-90	0.5	4.0		11.2		18.2		21.0		18.2		11.2		4.0		0.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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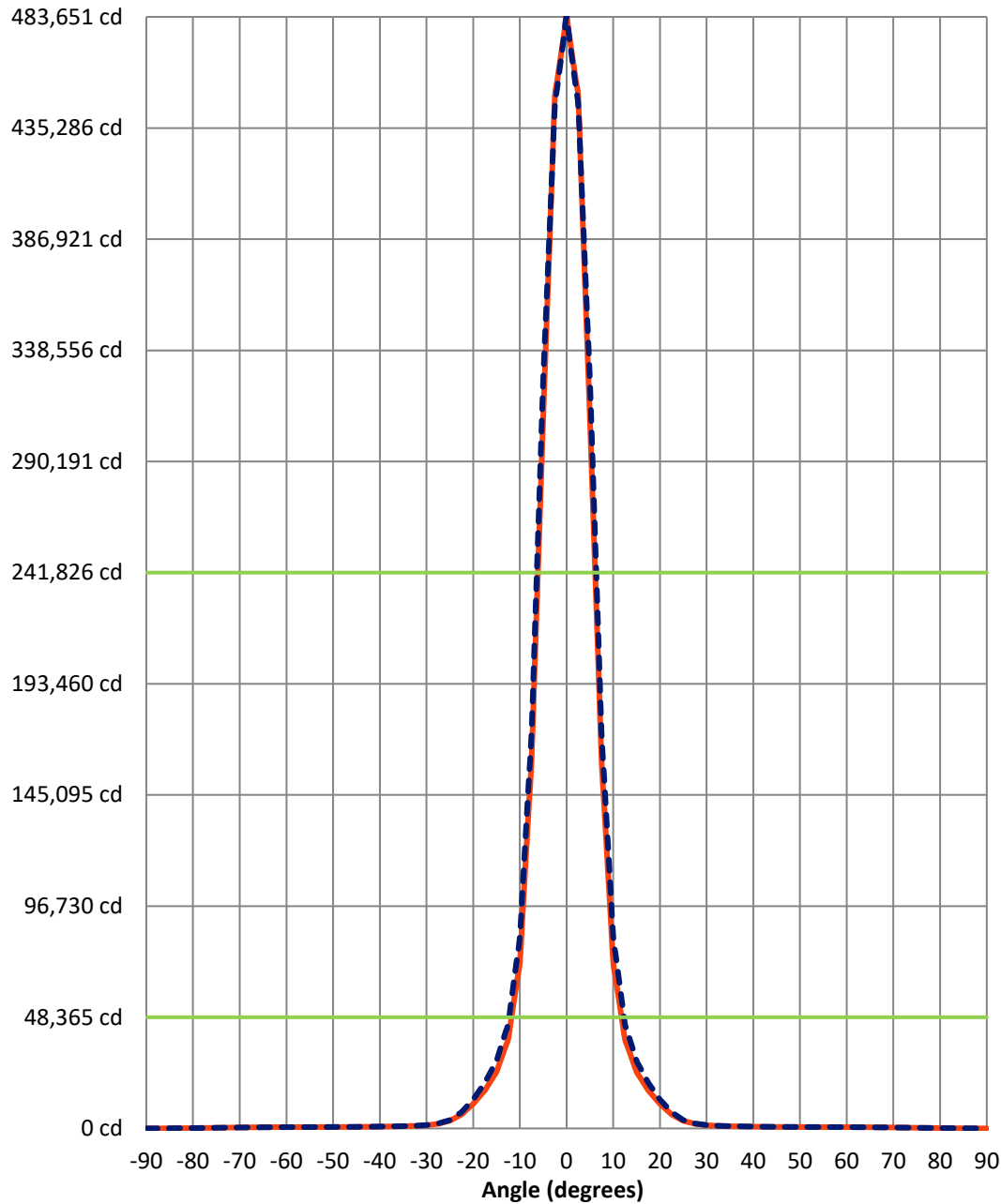
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 12.7°
V Angle: 12.3°
Lumens: 11077.8
Efficiency: 31.6%

Field:
H Angle: 24.6°
V Angle: 23.6°
Lumens: 24541.3
Efficiency: 70.0%

Spill:
Lumens: 10517
Efficiency: 30.0%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-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	1.1	2.3	3.3	4.2	5.1	5.9	6.9	7.8	8.7	9.6
85°	0.0	2.3	4.5	6.6	8.5	10.2	11.8	13.7	15.6	17.4	19.3
82.5°	0.0	3.4	6.8	9.8	12.7	15.3	17.7	20.5	23.6	27.9	32.3
80°	0.0	4.5	9.0	13.1	16.9	20.4	23.9	29.4	35.1	41.1	47.2
77.5°	0.0	5.6	11.2	16.4	21.1	26.1	32.2	39.2	46.6	54.2	62.3
75°	0.0	6.7	13.4	19.6	25.5	33.0	40.4	48.9	58.1	68.6	78.5
72.5°	0.0	7.8	15.6	22.8	31.0	39.8	48.6	59.1	71.5	83.4	94.6
70°	0.0	8.9	17.8	26.1	36.4	46.6	57.0	71.0	84.9	98.2	116.4
67.5°	0.0	9.9	19.9	30.1	41.7	53.3	67.2	82.7	98.2	118.3	139.3
65°	0.0	11.0	22.0	34.1	47.0	60.6	77.3	94.4	115.3	138.0	162.1
62.5°	0.0	12.0	24.0	37.9	52.1	68.7	87.1	107.8	132.0	157.6	185.6
60°	0.0	13.0	26.0	41.7	57.2	76.6	96.6	121.7	148.1	178.4	208.7
57.5°	0.0	14.0	28.4	45.4	63.2	84.3	108.0	135.2	165.7	198.7	232.1
55°	0.0	14.9	30.8	49.0	69.1	91.7	119.3	148.4	183.3	218.7	255.3
52.5°	0.0	15.8	33.1	52.5	74.8	99.2	130.3	163.3	200.4	239.0	277.9
50°	0.0	16.7	35.3	55.9	80.3	108.1	141.0	177.9	217.2	258.7	300.2
47.5°	0.0	17.6	37.4	59.4	85.5	116.6	151.5	191.9	234.0	277.7	322.0
45°	0.0	18.4	39.5	63.1	90.6	124.9	163.0	205.4	250.4	296.7	343.2
42.5°	0.0	19.2	41.4	66.7	95.4	132.8	173.9	218.7	266.1	315.0	361.3
40°	0.0	19.9	43.3	70.1	100.7	140.3	184.3	231.8	281.3	332.7	378.2
37.5°	0.0	20.6	45.1	73.3	106.4	147.5	194.2	244.2	296.1	348.6	394.4
35°	0.0	21.3	46.8	76.2	111.8	154.8	203.4	255.9	309.9	362.1	409.0
32.5°	0.0	21.9	48.4	78.9	116.9	162.1	212.2	267.0	322.8	374.7	421.5
30°	0.0	22.5	49.8	81.4	121.6	168.8	221.0	277.3	334.8	386.4	433.1
27.5°	0.0	23.1	51.2	83.7	125.9	175.0	229.2	287.0	345.3	397.3	443.9
25°	0.0	23.6	52.5	85.8	129.9	180.6	236.6	295.8	354.1	406.5	453.7
22.5°	0.0	24.0	53.6	87.6	133.6	185.8	243.4	303.8	362.1	414.5	461.1
20°	0.0	24.4	54.7	89.3	136.9	190.5	249.5	310.9	369.2	421.6	467.9
17.5°	0.0	24.8	55.6	90.7	139.8	194.6	255.0	317.1	375.5	427.9	473.9
15°	0.0	25.1	56.4	91.9	142.4	198.3	259.9	322.4	380.8	433.2	479.2
12.5°	0.0	25.4	57.1	92.8	144.6	201.3	264.0	326.9	385.3	437.7	483.7
10°	0.0	25.6	57.6	93.6	146.5	203.9	267.4	330.4	388.9	441.2	487.3
7.5°	0.0	25.8	58.0	94.1	147.9	205.9	270.1	333.0	391.6	443.9	489.8
5°	0.0	25.9	58.4	94.4	149.0	207.3	272.0	334.7	393.3	445.5	491.3
2.5°	0.0	26.0	58.5	94.5	149.6	208.1	273.1	335.5	394.1	446.3	492.0
0°	0.0	26.0	58.6	94.4	149.8	208.4	273.5	335.4	394.0	446.1	491.7
-2.5°	0.0	26.0	58.5	94.5	149.6	208.1	273.1	335.5	394.1	446.3	492.0
-5°	0.0	25.9	58.4	94.4	149.0	207.3	272.0	334.7	393.3	445.5	491.3
-7.5°	0.0	25.8	58.0	94.1	147.9	205.9	270.1	333.0	391.6	443.9	489.8
-10°	0.0	25.6	57.6	93.6	146.5	203.9	267.4	330.4	388.9	441.2	487.3
-12.5°	0.0	25.4	57.1	92.8	144.6	201.3	264.0	326.9	385.3	437.7	483.7
-15°	0.0	25.1	56.4	91.9	142.4	198.3	259.9	322.4	380.8	433.2	479.2
-17.5°	0.0	24.8	55.6	90.7	139.8	194.6	255.0	317.1	375.5	427.9	473.9
-20°	0.0	24.4	54.7	89.3	136.9	190.5	249.5	310.9	369.2	421.6	467.9



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	24.0	53.6	87.6	133.6	185.8	243.4	303.8	362.1	414.5	461.1
-25°	0.0	23.6	52.5	85.8	129.9	180.6	236.6	295.8	354.1	406.5	453.7
-27.5°	0.0	23.1	51.2	83.7	125.9	175.0	229.2	287.0	345.3	397.3	443.9
-30°	0.0	22.5	49.8	81.4	121.6	168.8	221.0	277.3	334.8	386.4	433.1
-32.5°	0.0	21.9	48.4	78.9	116.9	162.1	212.2	267.0	322.8	374.7	421.5
-35°	0.0	21.3	46.8	76.2	111.8	154.8	203.4	255.9	309.9	362.1	409.0
-37.5°	0.0	20.6	45.1	73.3	106.4	147.5	194.2	244.2	296.1	348.6	394.4
-40°	0.0	19.9	43.3	70.1	100.7	140.3	184.3	231.8	281.3	332.7	378.2
-42.5°	0.0	19.2	41.4	66.7	95.4	132.8	173.9	218.7	266.1	315.0	361.3
-45°	0.0	18.4	39.5	63.1	90.6	124.9	163.0	205.4	250.4	296.7	343.2
-47.5°	0.0	17.6	37.4	59.4	85.5	116.6	151.5	191.9	234.0	277.7	322.0
-50°	0.0	16.7	35.3	55.9	80.3	108.1	141.0	177.9	217.2	258.7	300.2
-52.5°	0.0	15.8	33.1	52.5	74.8	99.2	130.3	163.3	200.4	239.0	277.9
-55°	0.0	14.9	30.8	49.0	69.1	91.7	119.3	148.4	183.3	218.7	255.3
-57.5°	0.0	14.0	28.4	45.4	63.2	84.3	108.0	135.2	165.7	198.7	232.1
-60°	0.0	13.0	26.0	41.7	57.2	76.6	96.6	121.7	148.1	178.4	208.7
-62.5°	0.0	12.0	24.0	37.9	52.1	68.7	87.1	107.8	132.0	157.6	185.6
-65°	0.0	11.0	22.0	34.1	47.0	60.6	77.3	94.4	115.3	138.0	162.1
-67.5°	0.0	9.9	19.9	30.1	41.7	53.3	67.2	82.7	98.2	118.3	139.3
-70°	0.0	8.9	17.8	26.1	36.4	46.6	57.0	71.0	84.9	98.2	116.4
-72.5°	0.0	7.8	15.6	22.8	31.0	39.8	48.6	59.1	71.5	83.4	94.6
-75°	0.0	6.7	13.4	19.6	25.5	33.0	40.4	48.9	58.1	68.6	78.5
-77.5°	0.0	5.6	11.2	16.4	21.1	26.1	32.2	39.2	46.6	54.2	62.3
-80°	0.0	4.5	9.0	13.1	16.9	20.4	23.9	29.4	35.1	41.1	47.2
-82.5°	0.0	3.4	6.8	9.8	12.7	15.3	17.7	20.5	23.6	27.9	32.3
-85°	0.0	2.3	4.5	6.6	8.5	10.2	11.8	13.7	15.6	17.4	19.3
-87.5°	0.0	1.1	2.3	3.3	4.2	5.1	5.9	6.9	7.8	8.7	9.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-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°	10.5	11.4	12.2	13.1	13.9	14.7	15.4	16.1	16.8	17.5	18.1
85°	21.0	22.8	25.1	27.1	29.0	30.7	32.2	33.6	35.5	37.5	39.5
82.5°	35.9	39.0	41.7	43.9	46.3	48.5	50.9	54.7	59.6	64.4	68.8
80°	51.7	55.3	60.5	66.2	72.3	78.1	83.7	89.1	94.9	101.3	107.8
77.5°	69.4	76.8	84.9	93.6	102.0	111.7	121.6	131.6	140.7	148.6	155.6
75°	87.9	97.9	111.4	124.9	137.7	150.5	163.4	176.0	187.0	197.2	207.5
72.5°	109.4	125.8	141.9	157.5	174.1	190.0	205.0	219.1	233.1	247.0	260.3
70°	135.2	153.8	173.2	192.9	212.2	229.8	247.2	264.9	282.2	297.8	311.8
67.5°	160.9	183.2	205.6	227.8	248.8	269.0	289.5	309.8	329.2	345.6	360.2
65°	187.4	212.3	237.3	261.3	284.2	307.8	331.0	353.4	371.7	386.8	401.5
62.5°	213.3	241.4	268.6	294.8	320.8	346.6	368.9	389.1	408.0	424.4	440.2
60°	239.8	270.3	299.7	328.7	356.1	379.7	402.5	422.7	441.6	459.7	473.1
57.5°	265.9	298.8	330.7	360.4	386.6	411.1	433.0	454.2	470.6	485.0	499.7
55°	291.5	326.8	359.6	388.9	415.5	438.9	461.0	478.7	495.1	508.8	523.1
52.5°	316.6	353.4	385.9	415.5	441.2	464.3	483.8	501.4	516.7	530.7	542.3
50°	341.1	377.3	411.0	438.9	464.5	486.2	504.5	521.4	536.2	549.0	559.5
47.5°	362.9	400.3	432.1	460.8	485.0	505.6	523.3	539.5	554.1	565.4	575.9
45°	383.3	420.1	452.4	479.8	503.5	522.8	540.0	556.7	568.9	580.0	588.1
42.5°	402.9	438.4	470.0	498.3	519.1	537.9	555.4	569.8	582.4	592.1	600.8
40°	419.4	456.2	486.4	512.0	533.4	551.4	567.4	581.9	594.3	603.9	613.2
37.5°	435.1	470.6	501.2	525.1	545.1	562.8	578.8	592.3	604.4	614.6	627.3
35°	450.1	484.3	512.7	536.0	555.5	573.0	588.2	601.9	614.0	628.0	642.7
32.5°	462.9	497.2	523.5	544.8	564.1	581.9	597.0	611.0	625.0	640.8	659.0
30°	473.8	506.8	532.9	552.8	572.0	588.8	605.2	620.2	635.5	654.4	678.2
27.5°	483.6	515.4	539.7	559.8	579.1	594.9	611.9	629.0	647.0	669.0	699.0
25°	492.8	523.4	545.7	566.0	584.1	600.5	618.1	635.7	658.0	687.2	726.4
22.5°	500.4	530.8	551.0	571.7	588.3	605.6	623.7	643.3	668.6	703.9	755.3
20°	506.3	535.2	555.5	576.1	591.7	610.1	628.6	650.0	680.1	726.2	785.7
17.5°	511.8	539.0	559.2	578.6	595.1	613.9	633.0	655.2	689.7	747.0	813.6
15°	516.6	542.1	562.3	580.7	598.1	616.9	636.9	662.3	702.4	767.0	838.8
12.5°	520.7	544.6	564.6	582.3	600.4	618.9	640.1	668.4	716.0	785.8	863.8
10°	524.2	546.6	566.2	583.4	602.1	620.1	642.7	672.3	725.6	796.3	878.7
7.5°	526.3	548.0	567.4	584.0	603.1	620.4	644.5	674.4	731.6	802.0	886.7
5°	527.5	549.2	568.7	585.1	604.3	621.2	646.1	674.7	734.0	803.0	889.8
2.5°	527.9	550.0	569.5	585.9	605.3	623.4	649.2	678.2	736.2	807.0	891.8
0°	527.5	550.3	569.8	586.1	605.6	625.1	651.2	680.5	735.8	810.7	892.1
-2.5°	527.9	550.0	569.5	585.9	605.3	623.4	649.2	678.2	736.2	807.0	891.8
-5°	527.5	549.2	568.7	585.1	604.3	621.2	646.1	674.7	734.0	803.0	889.8
-7.5°	526.3	548.0	567.4	584.0	603.1	620.4	644.5	674.4	731.6	802.0	886.7
-10°	524.2	546.6	566.2	583.4	602.1	620.1	642.7	672.3	725.6	796.3	878.7
-12.5°	520.7	544.6	564.6	582.3	600.4	618.9	640.1	668.4	716.0	785.8	863.8
-15°	516.6	542.1	562.3	580.7	598.1	616.9	636.9	662.3	702.4	767.0	838.8
-17.5°	511.8	539.0	559.2	578.6	595.1	613.9	633.0	655.2	689.7	747.0	813.6
-20°	506.3	535.2	555.5	576.1	591.7	610.1	628.6	650.0	680.1	726.2	785.7



REPORT NUMBER: P559248 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	500.4	530.8	551.0	571.7	588.3	605.6	623.7	643.3	668.6	703.9	755.3
-25°	492.8	523.4	545.7	566.0	584.1	600.5	618.1	635.7	658.0	687.2	726.4
-27.5°	483.6	515.4	539.7	559.8	579.1	594.9	611.9	629.0	647.0	669.0	699.0
-30°	473.8	506.8	532.9	552.8	572.0	588.8	605.2	620.2	635.5	654.4	678.2
-32.5°	462.9	497.2	523.5	544.8	564.1	581.9	597.0	611.0	625.0	640.8	659.0
-35°	450.1	484.3	512.7	536.0	555.5	573.0	588.2	601.9	614.0	628.0	642.7
-37.5°	435.1	470.6	501.2	525.1	545.1	562.8	578.8	592.3	604.4	614.6	627.3
-40°	419.4	456.2	486.4	512.0	533.4	551.4	567.4	581.9	594.3	603.9	613.2
-42.5°	402.9	438.4	470.0	498.3	519.1	537.9	555.4	569.8	582.4	592.1	600.8
-45°	383.3	420.1	452.4	479.8	503.5	522.8	540.0	556.7	568.9	580.0	588.1
-47.5°	362.9	400.3	432.1	460.8	485.0	505.6	523.3	539.5	554.1	565.4	575.9
-50°	341.1	377.3	411.0	438.9	464.5	486.2	504.5	521.4	536.2	549.0	559.5
-52.5°	316.6	353.4	385.9	415.5	441.2	464.3	483.8	501.4	516.7	530.7	542.3
-55°	291.5	326.8	359.6	388.9	415.5	438.9	461.0	478.7	495.1	508.8	523.1
-57.5°	265.9	298.8	330.7	360.4	386.6	411.1	433.0	454.2	470.6	485.0	499.7
-60°	239.8	270.3	299.7	328.7	356.1	379.7	402.5	422.7	441.6	459.7	473.1
-62.5°	213.3	241.4	268.6	294.8	320.8	346.6	368.9	389.1	408.0	424.4	440.2
-65°	187.4	212.3	237.3	261.3	284.2	307.8	331.0	353.4	371.7	386.8	401.5
-67.5°	160.9	183.2	205.6	227.8	248.8	269.0	289.5	309.8	329.2	345.6	360.2
-70°	135.2	153.8	173.2	192.9	212.2	229.8	247.2	264.9	282.2	297.8	311.8
-72.5°	109.4	125.8	141.9	157.5	174.1	190.0	205.0	219.1	233.1	247.0	260.3
-75°	87.9	97.9	111.4	124.9	137.7	150.5	163.4	176.0	187.0	197.2	207.5
-77.5°	69.4	76.8	84.9	93.6	102.0	111.7	121.6	131.6	140.7	148.6	155.6
-80°	51.7	55.3	60.5	66.2	72.3	78.1	83.7	89.1	94.9	101.3	107.8
-82.5°	35.9	39.0	41.7	43.9	46.3	48.5	50.9	54.7	59.6	64.4	68.8
-85°	21.0	22.8	25.1	27.1	29.0	30.7	32.2	33.6	35.5	37.5	39.5
-87.5°	10.5	11.4	12.2	13.1	13.9	14.7	15.4	16.1	16.8	17.5	18.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559248 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-TS-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°	18.7	18.5	18.3	18.0	17.7	18.0	18.3	18.6	18.8	19.0	19.2
85°	41.5	43.2	45.0	46.8	48.6	49.9	51.1	52.1	52.9	53.7	54.3
82.5°	72.8	76.5	79.9	83.0	85.7	88.0	90.0	91.8	93.4	94.7	95.8
80°	113.7	119.3	124.6	129.6	134.1	137.8	140.9	143.4	145.5	147.7	149.6
77.5°	162.5	170.3	177.8	184.6	190.6	195.6	200.0	203.8	207.0	210.9	214.5
75°	217.7	227.1	235.7	243.6	250.8	257.3	263.1	268.1	272.4	276.7	280.3
72.5°	272.8	284.2	294.1	302.6	310.3	317.7	324.9	331.7	338.0	342.7	346.1
70°	324.7	336.4	347.1	356.7	365.7	374.9	384.4	393.1	401.0	406.1	409.1
67.5°	372.4	384.4	396.5	408.4	419.0	428.7	438.2	446.8	454.5	459.8	463.1
65°	415.5	428.6	441.7	453.9	465.2	473.5	482.0	490.2	497.8	503.9	508.4
62.5°	455.6	468.6	479.7	490.1	499.7	508.0	516.4	523.8	530.4	536.2	541.6
60°	486.4	499.6	510.4	520.0	528.9	537.1	543.8	549.4	553.9	557.5	560.9
57.5°	512.8	525.4	536.3	544.3	552.2	560.1	565.8	569.3	572.0	574.0	575.4
55°	535.6	545.7	554.8	563.6	571.4	578.2	583.2	585.5	587.0	587.8	588.5
52.5°	553.8	563.7	573.0	581.3	587.5	593.2	598.2	599.5	600.3	600.6	600.7
50°	570.5	580.2	587.5	594.5	600.8	606.1	610.3	612.3	613.5	613.7	613.0
47.5°	584.0	592.2	600.4	607.6	614.0	620.0	624.9	627.6	629.7	630.5	630.5
45°	595.8	605.5	614.1	622.6	630.1	637.9	644.6	649.1	653.7	656.7	658.3
42.5°	609.8	619.5	629.2	640.7	651.5	661.6	672.7	682.4	692.6	703.3	710.6
40°	624.0	634.6	649.4	663.4	679.1	693.3	716.6	739.8	757.5	772.5	786.1
37.5°	640.3	655.6	673.4	691.4	717.1	743.7	773.1	801.9	827.0	849.6	868.0
35°	658.9	679.6	701.3	733.4	766.1	799.0	834.1	872.4	905.0	928.7	945.8
32.5°	681.8	707.7	742.6	783.7	823.8	866.4	908.9	951.6	983.6	1016.7	1050.0
30°	707.1	744.5	789.6	839.6	889.7	940.6	993.9	1053.2	1109.4	1170.0	1256.7
27.5°	739.4	785.1	838.1	897.1	957.5	1018.2	1111.0	1212.7	1363.8	1484.4	1689.2
25°	773.9	827.4	890.5	959.0	1032.8	1141.3	1311.3	1512.0	1867.9	2143.9	2562.6
22.5°	812.4	875.3	945.1	1023.8	1142.7	1347.4	1638.1	2153.8	2871.4	3580.1	4368.3
20°	850.3	919.9	996.4	1115.4	1317.4	1641.3	2270.7	3385.8	4631.1	6404.3	7892.6
17.5°	886.3	960.3	1057.2	1218.2	1520.7	2172.1	3391.2	5301.2	7902.2	10760.5	13144.0
15°	917.9	993.5	1124.0	1379.0	1890.1	2904.6	4745.5	7996.0	12366.5	16279.9	19770.3
12.5°	944.6	1034.1	1196.4	1508.8	2210.9	3712.6	6665.5	11281.3	16618.3	22106.4	26523.8
10°	964.0	1077.2	1293.2	1749.1	2720.4	4674.2	8265.8	14088.2	20514.1	27184.7	35170.0
7.5°	975.7	1108.0	1366.6	1927.5	3174.9	5744.8	10273.2	16594.3	23973.6	33079.7	45280.1
5°	984.1	1128.9	1421.0	2061.7	3478.6	6452.6	11540.7	18493.1	26958.6	40125.4	65234.6
2.5°	988.2	1138.1	1451.8	2135.4	3617.1	6816.5	12432.7	19580.3	28774.7	45095.7	79057.9
0°	986.6	1133.1	1455.4	2152.2	3636.9	7094.8	12581.1	19890.7	29388.4	45541.2	83489.5
-2.5°	988.2	1138.1	1451.8	2135.4	3617.1	6816.5	12432.7	19580.3	28774.7	45095.7	79057.9
-5°	984.1	1128.9	1421.0	2061.7	3478.6	6452.6	11540.7	18493.1	26958.6	40125.4	65234.6
-7.5°	975.7	1108.0	1366.6	1927.5	3174.9	5744.8	10273.2	16594.3	23973.6	33079.7	45280.1
-10°	964.0	1077.2	1293.2	1749.1	2720.4	4674.2	8265.8	14088.2	20514.1	27184.7	35170.0
-12.5°	944.6	1034.1	1196.4	1508.8	2210.9	3712.6	6665.5	11281.3	16618.3	22106.4	26523.8
-15°	917.9	993.5	1124.0	1379.0	1890.1	2904.6	4745.5	7996.0	12366.5	16279.9	19770.3
-17.5°	886.3	960.3	1057.2	1218.2	1520.7	2172.1	3391.2	5301.2	7902.2	10760.5	13144.0
-20°	850.3	919.9	996.4	1115.4	1317.4	1641.3	2270.7	3385.8	4631.1	6404.3	7892.6



REPORT NUMBER: P559248 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	812.4	875.3	945.1	1023.8	1142.7	1347.4	1638.1	2153.8	2871.4	3580.1	4368.3
-25°	773.9	827.4	890.5	959.0	1032.8	1141.3	1311.3	1512.0	1867.9	2143.9	2562.6
-27.5°	739.4	785.1	838.1	897.1	957.5	1018.2	1111.0	1212.7	1363.8	1484.4	1689.2
-30°	707.1	744.5	789.6	839.6	889.7	940.6	993.9	1053.2	1109.4	1170.0	1256.7
-32.5°	681.8	707.7	742.6	783.7	823.8	866.4	908.9	951.6	983.6	1016.7	1050.0
-35°	658.9	679.6	701.3	733.4	766.1	799.0	834.1	872.4	905.0	928.7	945.8
-37.5°	640.3	655.6	673.4	691.4	717.1	743.7	773.1	801.9	827.0	849.6	868.0
-40°	624.0	634.6	649.4	663.4	679.1	693.3	716.6	739.8	757.5	772.5	786.1
-42.5°	609.8	619.5	629.2	640.7	651.5	661.6	672.7	682.4	692.6	703.3	710.6
-45°	595.8	605.5	614.1	622.6	630.1	637.9	644.6	649.1	653.7	656.7	658.3
-47.5°	584.0	592.2	600.4	607.6	614.0	620.0	624.9	627.6	629.7	630.5	630.5
-50°	570.5	580.2	587.5	594.5	600.8	606.1	610.3	612.3	613.5	613.7	613.0
-52.5°	553.8	563.7	573.0	581.3	587.5	593.2	598.2	599.5	600.3	600.6	600.7
-55°	535.6	545.7	554.8	563.6	571.4	578.2	583.2	585.5	587.0	587.8	588.5
-57.5°	512.8	525.4	536.3	544.3	552.2	560.1	565.8	569.3	572.0	574.0	575.4
-60°	486.4	499.6	510.4	520.0	528.9	537.1	543.8	549.4	553.9	557.5	560.9
-62.5°	455.6	468.6	479.7	490.1	499.7	508.0	516.4	523.8	530.4	536.2	541.6
-65°	415.5	428.6	441.7	453.9	465.2	473.5	482.0	490.2	497.8	503.9	508.4
-67.5°	372.4	384.4	396.5	408.4	419.0	428.7	438.2	446.8	454.5	459.8	463.1
-70°	324.7	336.4	347.1	356.7	365.7	374.9	384.4	393.1	401.0	406.1	409.1
-72.5°	272.8	284.2	294.1	302.6	310.3	317.7	324.9	331.7	338.0	342.7	346.1
-75°	217.7	227.1	235.7	243.6	250.8	257.3	263.1	268.1	272.4	276.7	280.3
-77.5°	162.5	170.3	177.8	184.6	190.6	195.6	200.0	203.8	207.0	210.9	214.5
-80°	113.7	119.3	124.6	129.6	134.1	137.8	140.9	143.4	145.5	147.7	149.6
-82.5°	72.8	76.5	79.9	83.0	85.7	88.0	90.0	91.8	93.4	94.7	95.8
-85°	41.5	43.2	45.0	46.8	48.6	49.9	51.1	52.1	52.9	53.7	54.3
-87.5°	18.7	18.5	18.3	18.0	17.7	18.0	18.3	18.6	18.8	19.0	19.2
-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: P559248 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-TS-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°	19.3	19.4	19.5	19.5	19.5	19.4	19.3	19.2	19.0	18.8	18.6
85°	54.8	55.1	55.3	55.4	55.3	55.1	54.8	54.3	53.7	52.9	52.1
82.5°	96.6	97.2	97.6	97.7	97.6	97.2	96.6	95.8	94.7	93.4	91.8
80°	151.1	152.1	152.8	153.0	152.8	152.1	151.1	149.6	147.7	145.5	143.4
77.5°	217.6	220.0	221.1	221.4	221.1	220.0	217.6	214.5	210.9	207.0	203.8
75°	283.0	285.0	286.1	286.5	286.1	285.0	283.0	280.3	276.7	272.4	268.1
72.5°	348.5	349.9	352.7	354.9	352.7	349.9	348.5	346.1	342.7	338.0	331.7
70°	411.0	411.7	414.6	416.8	414.6	411.7	411.0	409.1	406.1	401.0	393.1
67.5°	465.5	467.0	466.9	465.6	466.9	467.0	465.5	463.1	459.8	454.5	446.8
65°	512.4	515.6	515.7	514.4	515.7	515.6	512.4	508.4	503.9	497.8	490.2
62.5°	546.7	551.3	553.1	553.5	553.1	551.3	546.7	541.6	536.2	530.4	523.8
60°	563.6	565.6	566.3	566.5	566.3	565.6	563.6	560.9	557.5	553.9	549.4
57.5°	576.0	576.0	576.2	576.3	576.2	576.0	576.0	575.4	574.0	572.0	569.3
55°	588.9	588.9	587.9	586.1	587.9	588.9	588.9	588.5	587.8	587.0	585.5
52.5°	600.3	599.3	597.7	595.8	597.7	599.3	600.3	600.7	600.6	600.3	599.5
50°	611.7	609.6	608.7	608.9	608.7	609.6	611.7	613.0	613.7	613.5	612.3
47.5°	629.9	628.6	628.0	628.4	628.0	628.6	629.9	630.5	630.5	629.7	627.6
45°	658.8	657.8	657.1	657.7	657.1	657.8	658.8	658.3	656.7	653.7	649.1
42.5°	714.7	715.2	714.9	716.3	714.9	715.2	714.7	710.6	703.3	692.6	682.4
40°	791.6	791.2	788.5	787.9	788.5	791.2	791.6	786.1	772.5	757.5	739.8
37.5°	875.5	875.6	872.9	872.6	872.9	875.6	875.5	868.0	849.6	827.0	801.9
35°	954.6	957.6	957.0	954.0	957.0	957.6	954.6	945.8	928.7	905.0	872.4
32.5°	1073.6	1091.8	1101.3	1097.3	1101.3	1091.8	1073.6	1050.0	1016.7	983.6	951.6
30°	1311.2	1358.1	1382.8	1393.6	1382.8	1358.1	1311.2	1256.7	1170.0	1109.4	1053.2
27.5°	1835.8	1939.2	1985.7	2002.4	1985.7	1939.2	1835.8	1689.2	1484.4	1363.8	1212.7
25°	2928.4	3162.2	3277.5	3314.6	3277.5	3162.2	2928.4	2562.6	2143.9	1867.9	1512.0
22.5°	5236.3	5686.5	5994.4	6062.6	5994.4	5686.5	5236.3	4368.3	3580.1	2871.4	2153.8
20°	9388.9	10259.5	10731.8	10689.3	10731.8	10259.5	9388.9	7892.6	6404.3	4631.1	3385.8
17.5°	15170.2	16286.5	16818.0	16569.6	16818.0	16286.5	15170.2	13144.0	10760.5	7902.2	5301.2
15°	22238.8	23747.1	24405.1	24608.6	24405.1	23747.1	22238.8	19770.3	16279.9	12366.5	7996.0
12.5°	30933.2	35878.0	38242.7	38876.3	38242.7	35878.0	30933.2	26523.8	22106.4	16618.3	11281.3
10°	43337.7	59959.1	69845.6	72259.7	69845.6	59959.1	43337.7	35170.0	27184.7	20514.1	14088.2
7.5°	70774.2	104550.2	142387.0	160304.3	142387.0	104550.2	70774.2	45280.1	33079.7	23973.6	16594.3
5°	107930.4	187322.0	274925.8	309268.1	274925.8	187322.0	107930.4	65234.6	40125.4	26958.6	18493.1
2.5°	153100.2	282841.9	403888.9	449012.6	403888.9	282841.9	153100.2	79057.9	45095.7	28774.7	19580.3
0°	172183.7	326085.2	444998.0	483651.2	444998.0	326085.2	172183.7	83489.5	45541.2	29388.4	19890.7
-2.5°	153100.2	282841.9	403888.9	449012.6	403888.9	282841.9	153100.2	79057.9	45095.7	28774.7	19580.3
-5°	107930.4	187322.0	274925.8	309268.1	274925.8	187322.0	107930.4	65234.6	40125.4	26958.6	18493.1
-7.5°	70774.2	104550.2	142387.0	160304.3	142387.0	104550.2	70774.2	45280.1	33079.7	23973.6	16594.3
-10°	43337.7	59959.1	69845.6	72259.7	69845.6	59959.1	43337.7	35170.0	27184.7	20514.1	14088.2
-12.5°	30933.2	35878.0	38242.7	38876.3	38242.7	35878.0	30933.2	26523.8	22106.4	16618.3	11281.3
-15°	22238.8	23747.1	24405.1	24608.6	24405.1	23747.1	22238.8	19770.3	16279.9	12366.5	7996.0
-17.5°	15170.2	16286.5	16818.0	16569.6	16818.0	16286.5	15170.2	13144.0	10760.5	7902.2	5301.2
-20°	9388.9	10259.5	10731.8	10689.3	10731.8	10259.5	9388.9	7892.6	6404.3	4631.1	3385.8



REPORT NUMBER: P559248 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5236.3	5686.5	5994.4	6062.6	5994.4	5686.5	5236.3	4368.3	3580.1	2871.4	2153.8
-25°	2928.4	3162.2	3277.5	3314.6	3277.5	3162.2	2928.4	2562.6	2143.9	1867.9	1512.0
-27.5°	1835.8	1939.2	1985.7	2002.4	1985.7	1939.2	1835.8	1689.2	1484.4	1363.8	1212.7
-30°	1311.2	1358.1	1382.8	1393.6	1382.8	1358.1	1311.2	1256.7	1170.0	1109.4	1053.2
-32.5°	1073.6	1091.8	1101.3	1097.3	1101.3	1091.8	1073.6	1050.0	1016.7	983.6	951.6
-35°	954.6	957.6	957.0	954.0	957.0	957.6	954.6	945.8	928.7	905.0	872.4
-37.5°	875.5	875.6	872.9	872.6	872.9	875.6	875.5	868.0	849.6	827.0	801.9
-40°	791.6	791.2	788.5	787.9	788.5	791.2	791.6	786.1	772.5	757.5	739.8
-42.5°	714.7	715.2	714.9	716.3	714.9	715.2	714.7	710.6	703.3	692.6	682.4
-45°	658.8	657.8	657.1	657.7	657.1	657.8	658.8	658.3	656.7	653.7	649.1
-47.5°	629.9	628.6	628.0	628.4	628.0	628.6	629.9	630.5	630.5	629.7	627.6
-50°	611.7	609.6	608.7	608.9	608.7	609.6	611.7	613.0	613.7	613.5	612.3
-52.5°	600.3	599.3	597.7	595.8	597.7	599.3	600.3	600.7	600.6	600.3	599.5
-55°	588.9	588.9	587.9	586.1	587.9	588.9	588.9	588.5	587.8	587.0	585.5
-57.5°	576.0	576.0	576.2	576.3	576.2	576.0	576.0	575.4	574.0	572.0	569.3
-60°	563.6	565.6	566.3	566.5	566.3	565.6	563.6	560.9	557.5	553.9	549.4
-62.5°	546.7	551.3	553.1	553.5	553.1	551.3	546.7	541.6	536.2	530.4	523.8
-65°	512.4	515.6	515.7	514.4	515.7	515.6	512.4	508.4	503.9	497.8	490.2
-67.5°	465.5	467.0	466.9	465.6	466.9	467.0	465.5	463.1	459.8	454.5	446.8
-70°	411.0	411.7	414.6	416.8	414.6	411.7	411.0	409.1	406.1	401.0	393.1
-72.5°	348.5	349.9	352.7	354.9	352.7	349.9	348.5	346.1	342.7	338.0	331.7
-75°	283.0	285.0	286.1	286.5	286.1	285.0	283.0	280.3	276.7	272.4	268.1
-77.5°	217.6	220.0	221.1	221.4	221.1	220.0	217.6	214.5	210.9	207.0	203.8
-80°	151.1	152.1	152.8	153.0	152.8	152.1	151.1	149.6	147.7	145.5	143.4
-82.5°	96.6	97.2	97.6	97.7	97.6	97.2	96.6	95.8	94.7	93.4	91.8
-85°	54.8	55.1	55.3	55.4	55.3	55.1	54.8	54.3	53.7	52.9	52.1
-87.5°	19.3	19.4	19.5	19.5	19.5	19.4	19.3	19.2	19.0	18.8	18.6
-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: P559248 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-TS-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°	18.3	18.0	17.7	18.0	18.3	18.5	18.7	18.1	17.5	16.8	16.1
85°	51.1	49.9	48.6	46.8	45.0	43.2	41.5	39.5	37.5	35.5	33.6
82.5°	90.0	88.0	85.7	83.0	79.9	76.5	72.8	68.8	64.4	59.6	54.7
80°	140.9	137.8	134.1	129.6	124.6	119.3	113.7	107.8	101.3	94.9	89.1
77.5°	200.0	195.6	190.6	184.6	177.8	170.3	162.5	155.6	148.6	140.7	131.6
75°	263.1	257.3	250.8	243.6	235.7	227.1	217.7	207.5	197.2	187.0	176.0
72.5°	324.9	317.7	310.3	302.6	294.1	284.2	272.8	260.3	247.0	233.1	219.1
70°	384.4	374.9	365.7	356.7	347.1	336.4	324.7	311.8	297.8	282.2	264.9
67.5°	438.2	428.7	419.0	408.4	396.5	384.4	372.4	360.2	345.6	329.2	309.8
65°	482.0	473.5	465.2	453.9	441.7	428.6	415.5	401.5	386.8	371.7	353.4
62.5°	516.4	508.0	499.7	490.1	479.7	468.6	455.6	440.2	424.4	408.0	389.1
60°	543.8	537.1	528.9	520.0	510.4	499.6	486.4	473.1	459.7	441.6	422.7
57.5°	565.8	560.1	552.2	544.3	536.3	525.4	512.8	499.7	485.0	470.6	454.2
55°	583.2	578.2	571.4	563.6	554.8	545.7	535.6	523.1	508.8	495.1	478.7
52.5°	598.2	593.2	587.5	581.3	573.0	563.7	553.8	542.3	530.7	516.7	501.4
50°	610.3	606.1	600.8	594.5	587.5	580.2	570.5	559.5	549.0	536.2	521.4
47.5°	624.9	620.0	614.0	607.6	600.4	592.2	584.0	575.9	565.4	554.1	539.5
45°	644.6	637.9	630.1	622.6	614.1	605.5	595.8	588.1	580.0	568.9	556.7
42.5°	672.7	661.6	651.5	640.7	629.2	619.5	609.8	600.8	592.1	582.4	569.8
40°	716.6	693.3	679.1	663.4	649.4	634.6	624.0	613.2	603.9	594.3	581.9
37.5°	773.1	743.7	717.1	691.4	673.4	655.6	640.3	627.3	614.6	604.4	592.3
35°	834.1	799.0	766.1	733.4	701.3	679.6	658.9	642.7	628.0	614.0	601.9
32.5°	908.9	866.4	823.8	783.7	742.6	707.7	681.8	659.0	640.8	625.0	611.0
30°	993.9	940.6	889.7	839.6	789.6	744.5	707.1	678.2	654.4	635.5	620.2
27.5°	1111.0	1018.2	957.5	897.1	838.1	785.1	739.4	699.0	669.0	647.0	629.0
25°	1311.3	1141.3	1032.8	959.0	890.5	827.4	773.9	726.4	687.2	658.0	635.7
22.5°	1638.1	1347.4	1142.7	1023.8	945.1	875.3	812.4	755.3	703.9	668.6	643.3
20°	2270.7	1641.3	1317.4	1115.4	996.4	919.9	850.3	785.7	726.2	680.1	650.0
17.5°	3391.2	2172.1	1520.7	1218.2	1057.2	960.3	886.3	813.6	747.0	689.7	655.2
15°	4745.5	2904.6	1890.1	1379.0	1124.0	993.5	917.9	838.8	767.0	702.4	662.3
12.5°	6665.5	3712.6	2210.9	1508.8	1196.4	1034.1	944.6	863.8	785.8	716.0	668.4
10°	8265.8	4674.2	2720.4	1749.1	1293.2	1077.2	964.0	878.7	796.3	725.6	672.3
7.5°	10273.2	5744.8	3174.9	1927.5	1366.6	1108.0	975.7	886.7	802.0	731.6	674.4
5°	11540.7	6452.6	3478.6	2061.7	1421.0	1128.9	984.1	889.8	803.0	734.0	674.7
2.5°	12432.7	6816.5	3617.1	2135.4	1451.8	1138.1	988.2	891.8	807.0	736.2	678.2
0°	12581.1	7094.8	3636.9	2152.2	1455.4	1133.1	986.6	892.1	810.7	735.8	680.5
-2.5°	12432.7	6816.5	3617.1	2135.4	1451.8	1138.1	988.2	891.8	807.0	736.2	678.2
-5°	11540.7	6452.6	3478.6	2061.7	1421.0	1128.9	984.1	889.8	803.0	734.0	674.7
-7.5°	10273.2	5744.8	3174.9	1927.5	1366.6	1108.0	975.7	886.7	802.0	731.6	674.4
-10°	8265.8	4674.2	2720.4	1749.1	1293.2	1077.2	964.0	878.7	796.3	725.6	672.3
-12.5°	6665.5	3712.6	2210.9	1508.8	1196.4	1034.1	944.6	863.8	785.8	716.0	668.4
-15°	4745.5	2904.6	1890.1	1379.0	1124.0	993.5	917.9	838.8	767.0	702.4	662.3
-17.5°	3391.2	2172.1	1520.7	1218.2	1057.2	960.3	886.3	813.6	747.0	689.7	655.2
-20°	2270.7	1641.3	1317.4	1115.4	996.4	919.9	850.3	785.7	726.2	680.1	650.0



REPORT NUMBER: P559248 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1638.1	1347.4	1142.7	1023.8	945.1	875.3	812.4	755.3	703.9	668.6	643.3
-25°	1311.3	1141.3	1032.8	959.0	890.5	827.4	773.9	726.4	687.2	658.0	635.7
-27.5°	1111.0	1018.2	957.5	897.1	838.1	785.1	739.4	699.0	669.0	647.0	629.0
-30°	993.9	940.6	889.7	839.6	789.6	744.5	707.1	678.2	654.4	635.5	620.2
-32.5°	908.9	866.4	823.8	783.7	742.6	707.7	681.8	659.0	640.8	625.0	611.0
-35°	834.1	799.0	766.1	733.4	701.3	679.6	658.9	642.7	628.0	614.0	601.9
-37.5°	773.1	743.7	717.1	691.4	673.4	655.6	640.3	627.3	614.6	604.4	592.3
-40°	716.6	693.3	679.1	663.4	649.4	634.6	624.0	613.2	603.9	594.3	581.9
-42.5°	672.7	661.6	651.5	640.7	629.2	619.5	609.8	600.8	592.1	582.4	569.8
-45°	644.6	637.9	630.1	622.6	614.1	605.5	595.8	588.1	580.0	568.9	556.7
-47.5°	624.9	620.0	614.0	607.6	600.4	592.2	584.0	575.9	565.4	554.1	539.5
-50°	610.3	606.1	600.8	594.5	587.5	580.2	570.5	559.5	549.0	536.2	521.4
-52.5°	598.2	593.2	587.5	581.3	573.0	563.7	553.8	542.3	530.7	516.7	501.4
-55°	583.2	578.2	571.4	563.6	554.8	545.7	535.6	523.1	508.8	495.1	478.7
-57.5°	565.8	560.1	552.2	544.3	536.3	525.4	512.8	499.7	485.0	470.6	454.2
-60°	543.8	537.1	528.9	520.0	510.4	499.6	486.4	473.1	459.7	441.6	422.7
-62.5°	516.4	508.0	499.7	490.1	479.7	468.6	455.6	440.2	424.4	408.0	389.1
-65°	482.0	473.5	465.2	453.9	441.7	428.6	415.5	401.5	386.8	371.7	353.4
-67.5°	438.2	428.7	419.0	408.4	396.5	384.4	372.4	360.2	345.6	329.2	309.8
-70°	384.4	374.9	365.7	356.7	347.1	336.4	324.7	311.8	297.8	282.2	264.9
-72.5°	324.9	317.7	310.3	302.6	294.1	284.2	272.8	260.3	247.0	233.1	219.1
-75°	263.1	257.3	250.8	243.6	235.7	227.1	217.7	207.5	197.2	187.0	176.0
-77.5°	200.0	195.6	190.6	184.6	177.8	170.3	162.5	155.6	148.6	140.7	131.6
-80°	140.9	137.8	134.1	129.6	124.6	119.3	113.7	107.8	101.3	94.9	89.1
-82.5°	90.0	88.0	85.7	83.0	79.9	76.5	72.8	68.8	64.4	59.6	54.7
-85°	51.1	49.9	48.6	46.8	45.0	43.2	41.5	39.5	37.5	35.5	33.6
-87.5°	18.3	18.0	17.7	18.0	18.3	18.5	18.7	18.1	17.5	16.8	16.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559248 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-TS-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°	15.4	14.7	13.9	13.1	12.2	11.4	10.5	9.6	8.7	7.8	6.9
85°	32.2	30.7	29.0	27.1	25.1	22.8	21.0	19.3	17.4	15.6	13.7
82.5°	50.9	48.5	46.3	43.9	41.7	39.0	35.9	32.3	27.9	23.6	20.5
80°	83.7	78.1	72.3	66.2	60.5	55.3	51.7	47.2	41.1	35.1	29.4
77.5°	121.6	111.7	102.0	93.6	84.9	76.8	69.4	62.3	54.2	46.6	39.2
75°	163.4	150.5	137.7	124.9	111.4	97.9	87.9	78.5	68.6	58.1	48.9
72.5°	205.0	190.0	174.1	157.5	141.9	125.8	109.4	94.6	83.4	71.5	59.1
70°	247.2	229.8	212.2	192.9	173.2	153.8	135.2	116.4	98.2	84.9	71.0
67.5°	289.5	269.0	248.8	227.8	205.6	183.2	160.9	139.3	118.3	98.2	82.7
65°	331.0	307.8	284.2	261.3	237.3	212.3	187.4	162.1	138.0	115.3	94.4
62.5°	368.9	346.6	320.8	294.8	268.6	241.4	213.3	185.6	157.6	132.0	107.8
60°	402.5	379.7	356.1	328.7	299.7	270.3	239.8	208.7	178.4	148.1	121.7
57.5°	433.0	411.1	386.6	360.4	330.7	298.8	265.9	232.1	198.7	165.7	135.2
55°	461.0	438.9	415.5	388.9	359.6	326.8	291.5	255.3	218.7	183.3	148.4
52.5°	483.8	464.3	441.2	415.5	385.9	353.4	316.6	277.9	239.0	200.4	163.3
50°	504.5	486.2	464.5	438.9	411.0	377.3	341.1	300.2	258.7	217.2	177.9
47.5°	523.3	505.6	485.0	460.8	432.1	400.3	362.9	322.0	277.7	234.0	191.9
45°	540.0	522.8	503.5	479.8	452.4	420.1	383.3	343.2	296.7	250.4	205.4
42.5°	555.4	537.9	519.1	498.3	470.0	438.4	402.9	361.3	315.0	266.1	218.7
40°	567.4	551.4	533.4	512.0	486.4	456.2	419.4	378.2	332.7	281.3	231.8
37.5°	578.8	562.8	545.1	525.1	501.2	470.6	435.1	394.4	348.6	296.1	244.2
35°	588.2	573.0	555.5	536.0	512.7	484.3	450.1	409.0	362.1	309.9	255.9
32.5°	597.0	581.9	564.1	544.8	523.5	497.2	462.9	421.5	374.7	322.8	267.0
30°	605.2	588.8	572.0	552.8	532.9	506.8	473.8	433.1	386.4	334.8	277.3
27.5°	611.9	594.9	579.1	559.8	539.7	515.4	483.6	443.9	397.3	345.3	287.0
25°	618.1	600.5	584.1	566.0	545.7	523.4	492.8	453.7	406.5	354.1	295.8
22.5°	623.7	605.6	588.3	571.7	551.0	530.8	500.4	461.1	414.5	362.1	303.8
20°	628.6	610.1	591.7	576.1	555.5	535.2	506.3	467.9	421.6	369.2	310.9
17.5°	633.0	613.9	595.1	578.6	559.2	539.0	511.8	473.9	427.9	375.5	317.1
15°	636.9	616.9	598.1	580.7	562.3	542.1	516.6	479.2	433.2	380.8	322.4
12.5°	640.1	618.9	600.4	582.3	564.6	544.6	520.7	483.7	437.7	385.3	326.9
10°	642.7	620.1	602.1	583.4	566.2	546.6	524.2	487.3	441.2	388.9	330.4
7.5°	644.5	620.4	603.1	584.0	567.4	548.0	526.3	489.8	443.9	391.6	333.0
5°	646.1	621.2	604.3	585.1	568.7	549.2	527.5	491.3	445.5	393.3	334.7
2.5°	649.2	623.4	605.3	585.9	569.5	550.0	527.9	492.0	446.3	394.1	335.5
0°	651.2	625.1	605.6	586.1	569.8	550.3	527.5	491.7	446.1	394.0	335.4
-2.5°	649.2	623.4	605.3	585.9	569.5	550.0	527.9	492.0	446.3	394.1	335.5
-5°	646.1	621.2	604.3	585.1	568.7	549.2	527.5	491.3	445.5	393.3	334.7
-7.5°	644.5	620.4	603.1	584.0	567.4	548.0	526.3	489.8	443.9	391.6	333.0
-10°	642.7	620.1	602.1	583.4	566.2	546.6	524.2	487.3	441.2	388.9	330.4
-12.5°	640.1	618.9	600.4	582.3	564.6	544.6	520.7	483.7	437.7	385.3	326.9
-15°	636.9	616.9	598.1	580.7	562.3	542.1	516.6	479.2	433.2	380.8	322.4
-17.5°	633.0	613.9	595.1	578.6	559.2	539.0	511.8	473.9	427.9	375.5	317.1
-20°	628.6	610.1	591.7	576.1	555.5	535.2	506.3	467.9	421.6	369.2	310.9



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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°	623.7	605.6	588.3	571.7	551.0	530.8	500.4	461.1	414.5	362.1	303.8
-25°	618.1	600.5	584.1	566.0	545.7	523.4	492.8	453.7	406.5	354.1	295.8
-27.5°	611.9	594.9	579.1	559.8	539.7	515.4	483.6	443.9	397.3	345.3	287.0
-30°	605.2	588.8	572.0	552.8	532.9	506.8	473.8	433.1	386.4	334.8	277.3
-32.5°	597.0	581.9	564.1	544.8	523.5	497.2	462.9	421.5	374.7	322.8	267.0
-35°	588.2	573.0	555.5	536.0	512.7	484.3	450.1	409.0	362.1	309.9	255.9
-37.5°	578.8	562.8	545.1	525.1	501.2	470.6	435.1	394.4	348.6	296.1	244.2
-40°	567.4	551.4	533.4	512.0	486.4	456.2	419.4	378.2	332.7	281.3	231.8
-42.5°	555.4	537.9	519.1	498.3	470.0	438.4	402.9	361.3	315.0	266.1	218.7
-45°	540.0	522.8	503.5	479.8	452.4	420.1	383.3	343.2	296.7	250.4	205.4
-47.5°	523.3	505.6	485.0	460.8	432.1	400.3	362.9	322.0	277.7	234.0	191.9
-50°	504.5	486.2	464.5	438.9	411.0	377.3	341.1	300.2	258.7	217.2	177.9
-52.5°	483.8	464.3	441.2	415.5	385.9	353.4	316.6	277.9	239.0	200.4	163.3
-55°	461.0	438.9	415.5	388.9	359.6	326.8	291.5	255.3	218.7	183.3	148.4
-57.5°	433.0	411.1	386.6	360.4	330.7	298.8	265.9	232.1	198.7	165.7	135.2
-60°	402.5	379.7	356.1	328.7	299.7	270.3	239.8	208.7	178.4	148.1	121.7
-62.5°	368.9	346.6	320.8	294.8	268.6	241.4	213.3	185.6	157.6	132.0	107.8
-65°	331.0	307.8	284.2	261.3	237.3	212.3	187.4	162.1	138.0	115.3	94.4
-67.5°	289.5	269.0	248.8	227.8	205.6	183.2	160.9	139.3	118.3	98.2	82.7
-70°	247.2	229.8	212.2	192.9	173.2	153.8	135.2	116.4	98.2	84.9	71.0
-72.5°	205.0	190.0	174.1	157.5	141.9	125.8	109.4	94.6	83.4	71.5	59.1
-75°	163.4	150.5	137.7	124.9	111.4	97.9	87.9	78.5	68.6	58.1	48.9
-77.5°	121.6	111.7	102.0	93.6	84.9	76.8	69.4	62.3	54.2	46.6	39.2
-80°	83.7	78.1	72.3	66.2	60.5	55.3	51.7	47.2	41.1	35.1	29.4
-82.5°	50.9	48.5	46.3	43.9	41.7	39.0	35.9	32.3	27.9	23.6	20.5
-85°	32.2	30.7	29.0	27.1	25.1	22.8	21.0	19.3	17.4	15.6	13.7
-87.5°	15.4	14.7	13.9	13.1	12.2	11.4	10.5	9.6	8.7	7.8	6.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.9	5.1	4.2	3.3	2.3	1.1	0.0
85°	11.8	10.2	8.5	6.6	4.5	2.3	0.0
82.5°	17.7	15.3	12.7	9.8	6.8	3.4	0.0
80°	23.9	20.4	16.9	13.1	9.0	4.5	0.0
77.5°	32.2	26.1	21.1	16.4	11.2	5.6	0.0
75°	40.4	33.0	25.5	19.6	13.4	6.7	0.0
72.5°	48.6	39.8	31.0	22.8	15.6	7.8	0.0
70°	57.0	46.6	36.4	26.1	17.8	8.9	0.0
67.5°	67.2	53.3	41.7	30.1	19.9	9.9	0.0
65°	77.3	60.6	47.0	34.1	22.0	11.0	0.0
62.5°	87.1	68.7	52.1	37.9	24.0	12.0	0.0
60°	96.6	76.6	57.2	41.7	26.0	13.0	0.0
57.5°	108.0	84.3	63.2	45.4	28.4	14.0	0.0
55°	119.3	91.7	69.1	49.0	30.8	14.9	0.0
52.5°	130.3	99.2	74.8	52.5	33.1	15.8	0.0
50°	141.0	108.1	80.3	55.9	35.3	16.7	0.0
47.5°	151.5	116.6	85.5	59.4	37.4	17.6	0.0
45°	163.0	124.9	90.6	63.1	39.5	18.4	0.0
42.5°	173.9	132.8	95.4	66.7	41.4	19.2	0.0
40°	184.3	140.3	100.7	70.1	43.3	19.9	0.0
37.5°	194.2	147.5	106.4	73.3	45.1	20.6	0.0
35°	203.4	154.8	111.8	76.2	46.8	21.3	0.0
32.5°	212.2	162.1	116.9	78.9	48.4	21.9	0.0
30°	221.0	168.8	121.6	81.4	49.8	22.5	0.0
27.5°	229.2	175.0	125.9	83.7	51.2	23.1	0.0
25°	236.6	180.6	129.9	85.8	52.5	23.6	0.0
22.5°	243.4	185.8	133.6	87.6	53.6	24.0	0.0
20°	249.5	190.5	136.9	89.3	54.7	24.4	0.0
17.5°	255.0	194.6	139.8	90.7	55.6	24.8	0.0
15°	259.9	198.3	142.4	91.9	56.4	25.1	0.0
12.5°	264.0	201.3	144.6	92.8	57.1	25.4	0.0
10°	267.4	203.9	146.5	93.6	57.6	25.6	0.0
7.5°	270.1	205.9	147.9	94.1	58.0	25.8	0.0
5°	272.0	207.3	149.0	94.4	58.4	25.9	0.0
2.5°	273.1	208.1	149.6	94.5	58.5	26.0	0.0
0°	273.5	208.4	149.8	94.4	58.6	26.0	0.0
-2.5°	273.1	208.1	149.6	94.5	58.5	26.0	0.0
-5°	272.0	207.3	149.0	94.4	58.4	25.9	0.0
-7.5°	270.1	205.9	147.9	94.1	58.0	25.8	0.0
-10°	267.4	203.9	146.5	93.6	57.6	25.6	0.0
-12.5°	264.0	201.3	144.6	92.8	57.1	25.4	0.0
-15°	259.9	198.3	142.4	91.9	56.4	25.1	0.0
-17.5°	255.0	194.6	139.8	90.7	55.6	24.8	0.0
-20°	249.5	190.5	136.9	89.3	54.7	24.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	243.4	185.8	133.6	87.6	53.6	24.0	0.0
-25°	236.6	180.6	129.9	85.8	52.5	23.6	0.0
-27.5°	229.2	175.0	125.9	83.7	51.2	23.1	0.0
-30°	221.0	168.8	121.6	81.4	49.8	22.5	0.0
-32.5°	212.2	162.1	116.9	78.9	48.4	21.9	0.0
-35°	203.4	154.8	111.8	76.2	46.8	21.3	0.0
-37.5°	194.2	147.5	106.4	73.3	45.1	20.6	0.0
-40°	184.3	140.3	100.7	70.1	43.3	19.9	0.0
-42.5°	173.9	132.8	95.4	66.7	41.4	19.2	0.0
-45°	163.0	124.9	90.6	63.1	39.5	18.4	0.0
-47.5°	151.5	116.6	85.5	59.4	37.4	17.6	0.0
-50°	141.0	108.1	80.3	55.9	35.3	16.7	0.0
-52.5°	130.3	99.2	74.8	52.5	33.1	15.8	0.0
-55°	119.3	91.7	69.1	49.0	30.8	14.9	0.0
-57.5°	108.0	84.3	63.2	45.4	28.4	14.0	0.0
-60°	96.6	76.6	57.2	41.7	26.0	13.0	0.0
-62.5°	87.1	68.7	52.1	37.9	24.0	12.0	0.0
-65°	77.3	60.6	47.0	34.1	22.0	11.0	0.0
-67.5°	67.2	53.3	41.7	30.1	19.9	9.9	0.0
-70°	57.0	46.6	36.4	26.1	17.8	8.9	0.0
-72.5°	48.6	39.8	31.0	22.8	15.6	7.8	0.0
-75°	40.4	33.0	25.5	19.6	13.4	6.7	0.0
-77.5°	32.2	26.1	21.1	16.4	11.2	5.6	0.0
-80°	23.9	20.4	16.9	13.1	9.0	4.5	0.0
-82.5°	17.7	15.3	12.7	9.8	6.8	3.4	0.0
-85°	11.8	10.2	8.5	6.6	4.5	2.3	0.0
-87.5°	5.9	5.1	4.2	3.3	2.3	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)