

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: P559180 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559180 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-4)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6C-935-U-MR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (96) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

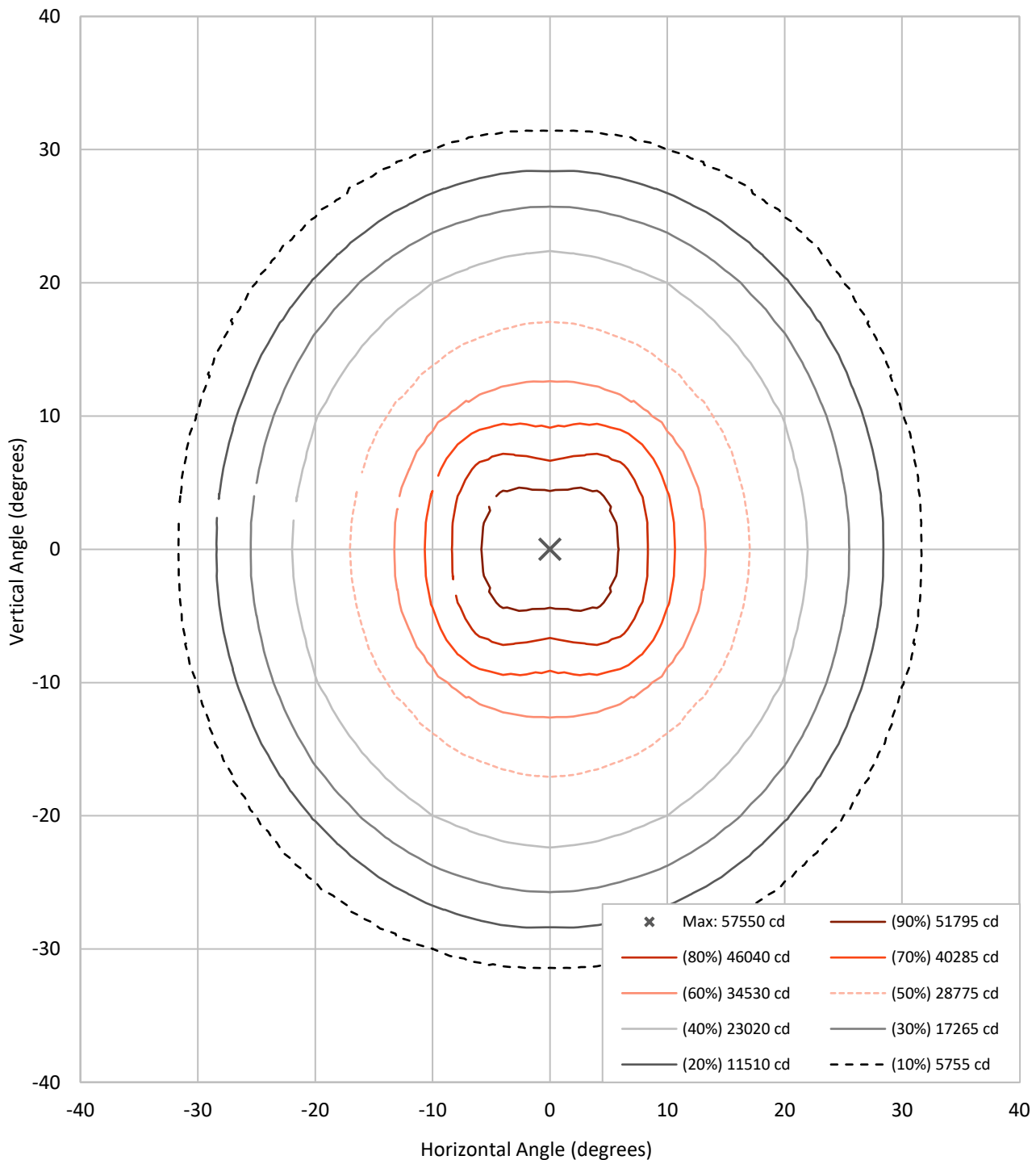
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	25458.6 lumens	Max Intensity:	57550 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	105.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	10843.7 lumens	Field Lumens:	22162.4 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 241
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





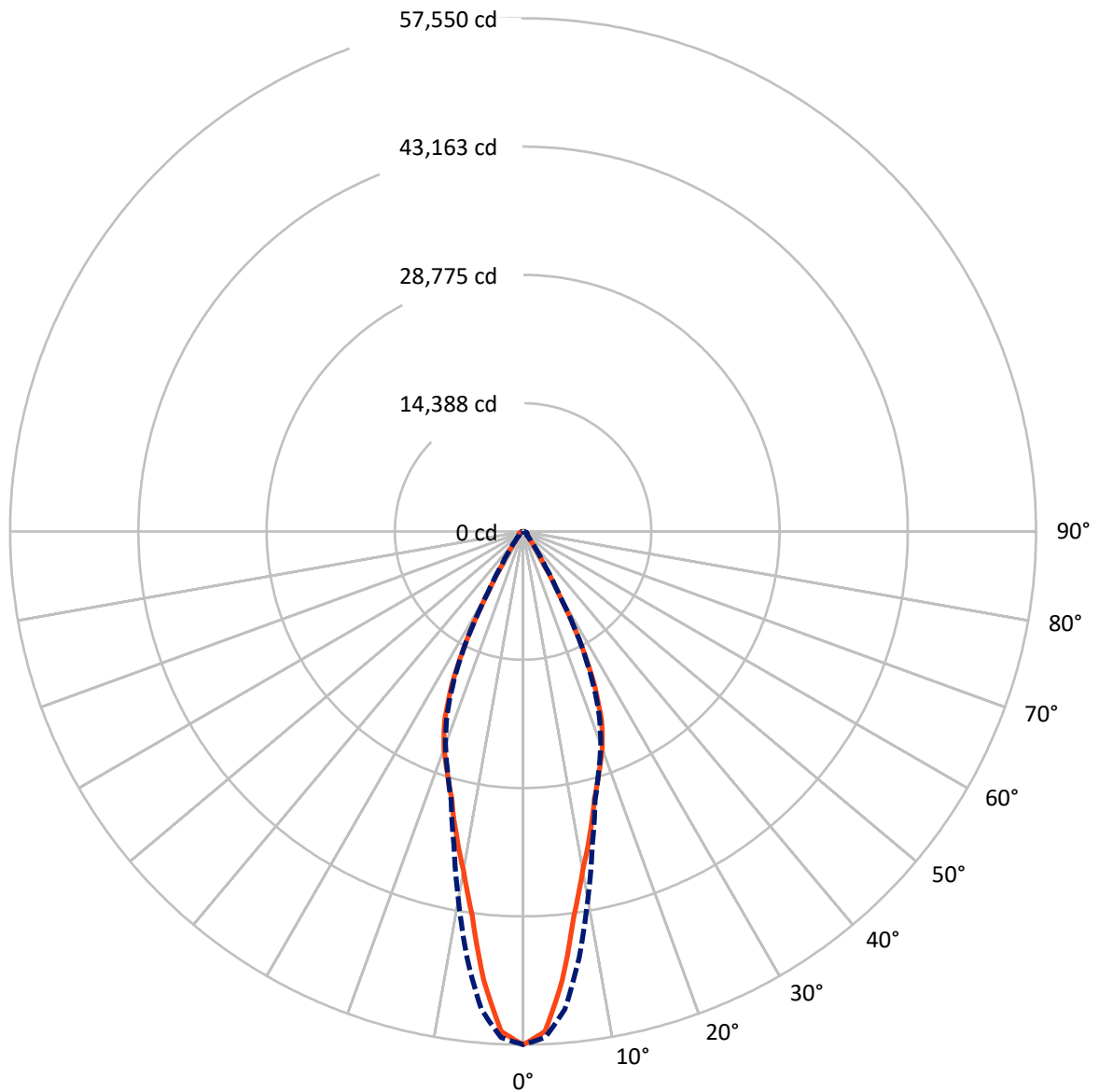
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Lumen Table

90																
80	0.3	2.8		7.9		13.0		15.2		13.0		7.9		2.8		0.3
70																
60	1.3	1.5	3.3	5.6	8.2	10.6	12.4	13.4	13.4	12.4	10.6	8.2	5.6	3.3	1.5	1.3
50		2.4	5.2	9.0	12.2	13.9	14.7	15.1	15.1	14.7	13.9	12.2	9.0	5.2	2.4	
40	2.4	3.3	7.2	10.8	12.7	15.7	20.1	23.2	23.2	20.1	15.7	12.7	10.8	7.2	3.3	2.4
30		4.2	8.4	10.9	16.4	32.4	61.7	94.3	94.3	61.7	32.4	16.4	10.9	8.4	4.2	
20	3.3	4.9	8.7	12.2	29.8	99.0	311.5	512.8	512.8	311.5	99.0	29.8	12.2	8.7	4.9	3.3
10		5.3	8.7	15.0	55.7	293.6	693.9	919.0	919.0	693.9	293.6	55.7	15.0	8.7	5.3	
0	3.6	5.6	8.7	17.4	84.6	462.5	902.4	1424.0	1424.0	902.4	462.5	84.6	17.4	8.7	5.6	3.6
-10		5.6	8.7	17.4	84.6	462.5	902.4	1424.0	1424.0	902.4	462.5	84.6	17.4	8.7	5.6	
-20	3.3	5.3	8.7	15.0	55.7	293.6	693.9	919.0	919.0	693.9	293.6	55.7	15.0	8.7	5.3	3.3
-30		4.9	8.7	12.2	29.8	99.0	311.5	512.8	512.8	311.5	99.0	29.8	12.2	8.7	4.9	
-40	2.4	4.2	8.4	10.9	16.4	32.4	61.7	94.3	94.3	61.7	32.4	16.4	10.9	8.4	4.2	2.4
-50		3.3	7.2	10.8	12.7	15.7	20.1	23.2	23.2	20.1	15.7	12.7	10.8	7.2	3.3	
-60	1.3	2.4	5.2	9.0	12.2	13.9	14.7	15.1	15.1	14.7	13.9	12.2	9.0	5.2	2.4	1.3
-70		1.5	3.3	5.6	8.2	10.6	12.4	13.4	13.4	12.4	10.6	8.2	5.6	3.3	1.5	
-80																
-90	0.3	2.8		7.9		13.0		15.2		13.0		7.9		2.8		0.3

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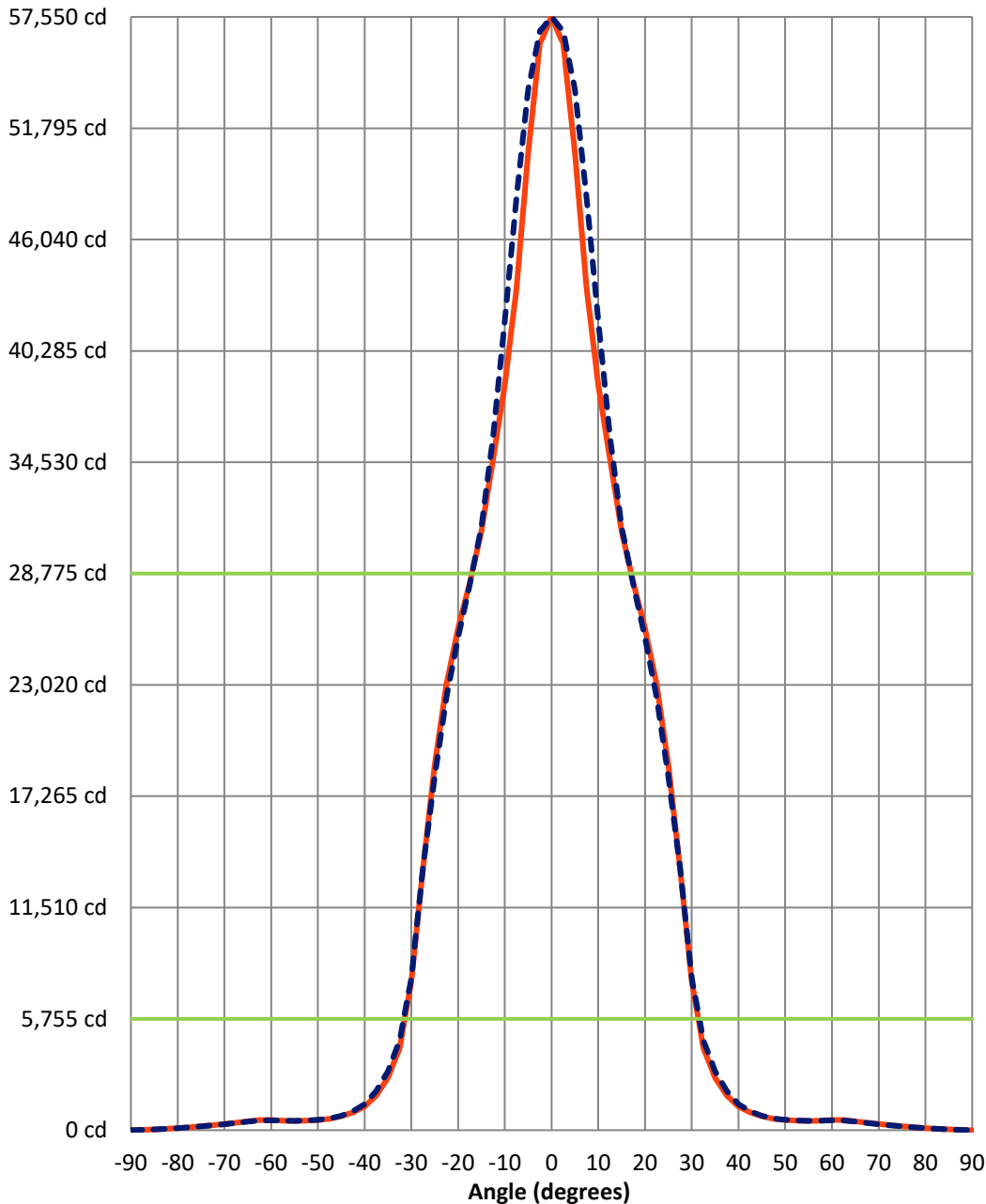
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 34°
V Angle: 34.1°
Lumens: 10843.7
Efficiency: 42.6%

Field:
H Angle: 63.3°
V Angle: 62.8°
Lumens: 22162.4
Efficiency: 87.1%

Spill:
Lumens: 3296.2
Efficiency: 12.9%

— 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	0.6	1.3	1.9	2.5	3.2	3.8	4.4	5.0	5.6	6.2
85°	0.0	1.3	2.5	3.8	5.1	6.3	7.5	8.8	10.0	11.2	12.3
82.5°	0.0	1.9	3.8	5.7	7.6	9.5	11.3	13.1	15.2	18.3	21.1
80°	0.0	2.5	5.1	7.6	10.1	12.6	15.4	19.8	23.9	27.8	31.4
77.5°	0.0	3.2	6.3	9.5	12.6	16.5	22.2	27.6	32.6	37.3	42.1
75°	0.0	3.8	7.5	11.3	15.4	22.1	29.0	35.4	41.3	47.7	54.2
72.5°	0.0	4.4	8.8	13.1	19.6	27.5	35.6	43.1	50.6	58.2	66.1
70°	0.0	5.0	10.0	15.2	23.9	32.8	42.2	51.0	59.7	68.7	80.3
67.5°	0.0	5.6	11.2	18.2	28.0	38.1	48.7	58.7	68.7	81.9	94.9
65°	0.0	6.2	12.3	21.2	32.0	43.5	55.3	66.2	80.3	94.9	110.4
62.5°	0.0	6.7	13.5	24.1	36.0	49.0	61.7	75.4	91.6	108.3	128.3
60°	0.0	7.3	14.6	27.0	39.8	54.5	68.1	85.2	102.8	124.1	145.8
57.5°	0.0	7.8	16.4	29.7	44.2	59.9	76.2	94.7	115.9	139.6	163.8
55°	0.0	8.4	18.2	32.4	48.5	65.2	84.2	104.1	129.4	154.9	181.5
52.5°	0.0	8.9	20.0	35.0	52.7	70.6	92.0	115.3	142.4	170.0	198.5
50°	0.0	9.4	21.7	37.4	56.9	77.0	99.6	126.3	155.1	184.5	216.4
47.5°	0.0	9.9	23.4	40.0	60.9	83.1	107.2	136.8	167.3	198.4	234.1
45°	0.0	10.3	25.0	42.9	64.8	88.9	115.7	146.8	179.0	213.9	251.4
42.5°	0.0	10.8	26.6	45.7	68.6	94.6	123.8	156.5	190.3	229.0	269.3
40°	0.0	11.2	28.1	48.5	72.6	100.0	131.4	166.0	201.9	243.7	286.5
37.5°	0.0	11.6	29.5	51.1	76.7	105.1	138.6	175.0	214.2	257.8	302.9
35°	0.0	12.0	30.9	53.6	80.5	110.5	145.3	183.6	225.8	271.5	318.7
32.5°	0.0	12.3	32.2	55.8	84.2	115.7	151.8	191.8	236.7	284.4	333.8
30°	0.0	12.6	33.4	57.9	87.6	120.6	158.3	199.8	246.8	296.5	347.9
27.5°	0.0	12.9	34.5	59.8	90.6	125.1	164.3	207.9	256.3	307.8	361.0
25°	0.0	13.2	35.6	61.5	93.2	129.2	169.9	215.4	265.4	318.4	373.1
22.5°	0.0	13.5	36.6	63.0	95.6	132.8	175.0	222.2	273.7	328.2	385.3
20°	0.0	13.7	37.5	64.3	97.7	135.9	179.7	228.2	281.2	337.0	396.1
17.5°	0.0	13.9	38.3	65.4	99.6	138.6	183.8	233.6	287.8	344.9	405.6
15°	0.0	14.1	39.1	66.4	101.2	140.9	187.4	238.2	293.5	351.7	413.8
12.5°	0.0	14.3	39.7	67.1	102.5	142.8	190.5	242.2	298.2	357.4	420.7
10°	0.0	14.4	40.3	67.7	103.6	144.4	193.0	245.5	302.0	362.6	426.8
7.5°	0.0	14.5	40.7	68.2	104.4	145.5	195.1	248.1	304.8	366.9	433.1
5°	0.0	14.5	41.1	68.4	104.9	146.2	196.5	249.9	306.7	370.2	438.1
2.5°	0.0	14.6	41.3	68.5	105.1	146.6	197.4	251.0	307.6	372.4	441.9
0°	0.0	14.6	41.5	68.4	105.0	146.5	197.7	251.4	307.6	373.5	444.3
-2.5°	0.0	14.6	41.3	68.5	105.1	146.6	197.4	251.0	307.6	372.4	441.9
-5°	0.0	14.5	41.1	68.4	104.9	146.2	196.5	249.9	306.7	370.2	438.1
-7.5°	0.0	14.5	40.7	68.2	104.4	145.5	195.1	248.1	304.8	366.9	433.1
-10°	0.0	14.4	40.3	67.7	103.6	144.4	193.0	245.5	302.0	362.6	426.8
-12.5°	0.0	14.3	39.7	67.1	102.5	142.8	190.5	242.2	298.2	357.4	420.7
-15°	0.0	14.1	39.1	66.4	101.2	140.9	187.4	238.2	293.5	351.7	413.8
-17.5°	0.0	13.9	38.3	65.4	99.6	138.6	183.8	233.6	287.8	344.9	405.6
-20°	0.0	13.7	37.5	64.3	97.7	135.9	179.7	228.2	281.2	337.0	396.1



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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	13.5	36.6	63.0	95.6	132.8	175.0	222.2	273.7	328.2	385.3
-25°	0.0	13.2	35.6	61.5	93.2	129.2	169.9	215.4	265.4	318.4	373.1
-27.5°	0.0	12.9	34.5	59.8	90.6	125.1	164.3	207.9	256.3	307.8	361.0
-30°	0.0	12.6	33.4	57.9	87.6	120.6	158.3	199.8	246.8	296.5	347.9
-32.5°	0.0	12.3	32.2	55.8	84.2	115.7	151.8	191.8	236.7	284.4	333.8
-35°	0.0	12.0	30.9	53.6	80.5	110.5	145.3	183.6	225.8	271.5	318.7
-37.5°	0.0	11.6	29.5	51.1	76.7	105.1	138.6	175.0	214.2	257.8	302.9
-40°	0.0	11.2	28.1	48.5	72.6	100.0	131.4	166.0	201.9	243.7	286.5
-42.5°	0.0	10.8	26.6	45.7	68.6	94.6	123.8	156.5	190.3	229.0	269.3
-45°	0.0	10.3	25.0	42.9	64.8	88.9	115.7	146.8	179.0	213.9	251.4
-47.5°	0.0	9.9	23.4	40.0	60.9	83.1	107.2	136.8	167.3	198.4	234.1
-50°	0.0	9.4	21.7	37.4	56.9	77.0	99.6	126.3	155.1	184.5	216.4
-52.5°	0.0	8.9	20.0	35.0	52.7	70.6	92.0	115.3	142.4	170.0	198.5
-55°	0.0	8.4	18.2	32.4	48.5	65.2	84.2	104.1	129.4	154.9	181.5
-57.5°	0.0	7.8	16.4	29.7	44.2	59.9	76.2	94.7	115.9	139.6	163.8
-60°	0.0	7.3	14.6	27.0	39.8	54.5	68.1	85.2	102.8	124.1	145.8
-62.5°	0.0	6.7	13.5	24.1	36.0	49.0	61.7	75.4	91.6	108.3	128.3
-65°	0.0	6.2	12.3	21.2	32.0	43.5	55.3	66.2	80.3	94.9	110.4
-67.5°	0.0	5.6	11.2	18.2	28.0	38.1	48.7	58.7	68.7	81.9	94.9
-70°	0.0	5.0	10.0	15.2	23.9	32.8	42.2	51.0	59.7	68.7	80.3
-72.5°	0.0	4.4	8.8	13.1	19.6	27.5	35.6	43.1	50.6	58.2	66.1
-75°	0.0	3.8	7.5	11.3	15.4	22.1	29.0	35.4	41.3	47.7	54.2
-77.5°	0.0	3.2	6.3	9.5	12.6	16.5	22.2	27.6	32.6	37.3	42.1
-80°	0.0	2.5	5.1	7.6	10.1	12.6	15.4	19.8	23.9	27.8	31.4
-82.5°	0.0	1.9	3.8	5.7	7.6	9.5	11.3	13.1	15.2	18.3	21.1
-85°	0.0	1.3	2.5	3.8	5.1	6.3	7.5	8.8	10.0	11.2	12.3
-87.5°	0.0	0.6	1.3	1.9	2.5	3.2	3.8	4.4	5.0	5.6	6.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-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°	6.7	7.3	7.8	8.4	8.9	9.4	9.9	10.3	10.8	11.2	11.6
85°	13.5	14.6	16.4	18.2	19.8	21.2	22.5	23.7	25.0	26.3	27.5
82.5°	24.0	26.8	29.5	32.2	34.3	36.2	38.1	40.7	43.7	46.7	49.5
80°	35.2	38.9	43.5	48.2	52.3	56.5	60.6	64.7	68.8	73.1	77.5
77.5°	47.9	53.8	59.9	66.0	71.9	78.8	85.6	92.4	98.4	103.9	108.9
75°	61.2	68.6	77.5	86.7	95.5	104.1	112.8	122.2	130.5	138.0	145.0
72.5°	75.9	86.6	97.4	108.2	120.3	132.0	143.3	154.2	164.2	173.6	182.9
70°	92.1	104.4	118.8	133.4	147.5	160.9	174.0	186.3	197.9	210.1	223.2
67.5°	108.6	125.6	142.3	158.7	175.3	190.4	204.8	220.7	236.3	251.7	266.5
65°	128.4	147.1	166.3	185.2	203.3	221.6	240.0	258.0	276.5	294.0	310.4
62.5°	147.9	169.6	191.0	211.9	233.3	254.1	275.6	296.8	317.3	338.6	359.1
60°	168.7	192.4	215.8	239.3	263.3	288.2	312.1	337.1	362.2	386.3	409.5
57.5°	189.1	214.9	240.5	267.2	295.0	322.6	350.9	378.9	407.6	435.1	459.1
55°	209.1	236.9	265.7	296.3	326.9	358.5	390.1	422.8	453.7	476.8	498.5
52.5°	229.2	259.1	292.1	325.3	359.4	394.8	431.7	463.1	488.9	508.6	513.4
50°	248.9	283.1	318.0	354.5	392.2	432.2	467.5	495.9	510.4	515.9	513.0
47.5°	269.8	306.5	343.9	383.2	425.4	463.7	497.0	511.5	518.4	510.9	501.6
45°	290.4	329.7	369.3	412.5	454.6	490.9	509.6	519.9	510.6	501.6	495.2
42.5°	310.2	352.3	395.7	440.2	479.4	505.0	516.8	510.9	503.0	496.1	498.4
40°	329.9	374.1	421.6	463.4	498.8	511.8	509.8	502.6	498.0	501.0	510.9
37.5°	348.8	396.9	445.4	486.0	505.0	510.3	501.6	496.9	500.3	511.9	533.9
35°	366.8	418.8	465.1	499.0	511.7	502.8	496.5	495.8	508.8	532.3	565.0
32.5°	384.9	439.7	483.5	504.7	506.8	496.8	492.1	503.3	523.9	554.8	609.7
30°	402.6	455.8	497.0	509.9	501.0	493.3	496.0	512.2	540.1	591.5	680.4
27.5°	418.8	470.4	501.4	507.5	496.1	489.6	501.7	526.0	566.6	635.2	762.2
25°	433.5	483.5	505.2	502.8	492.7	492.0	508.5	538.4	594.5	705.4	879.3
22.5°	445.6	495.7	508.8	498.5	489.4	495.9	518.9	560.5	635.6	771.6	1001.5
20°	455.5	498.7	508.1	494.4	486.1	499.1	528.3	582.3	691.0	875.1	1139.1
17.5°	464.5	501.3	504.7	491.7	488.1	504.2	538.0	601.7	740.1	964.1	1271.2
15°	472.4	503.7	501.4	489.3	490.4	511.1	553.9	638.3	799.1	1047.9	1389.9
12.5°	479.3	505.6	498.3	487.3	492.2	516.9	567.4	671.6	857.3	1138.9	1580.3
10°	485.0	507.3	495.5	485.7	493.4	521.4	578.4	697.8	902.1	1216.0	1740.1
7.5°	490.3	508.6	493.1	484.4	494.1	524.7	586.7	717.1	934.0	1277.9	1859.5
5°	494.2	509.5	491.8	483.8	495.8	528.4	592.9	729.6	953.4	1323.1	1939.5
2.5°	496.8	510.0	491.0	483.4	498.3	533.3	598.1	740.2	970.7	1345.4	1996.4
0°	498.0	510.2	490.7	483.3	500.4	537.1	600.5	744.5	978.9	1345.1	2031.0
-2.5°	496.8	510.0	491.0	483.4	498.3	533.3	598.1	740.2	970.7	1345.4	1996.4
-5°	494.2	509.5	491.8	483.8	495.8	528.4	592.9	729.6	953.4	1323.1	1939.5
-7.5°	490.3	508.6	493.1	484.4	494.1	524.7	586.7	717.1	934.0	1277.9	1859.5
-10°	485.0	507.3	495.5	485.7	493.4	521.4	578.4	697.8	902.1	1216.0	1740.1
-12.5°	479.3	505.6	498.3	487.3	492.2	516.9	567.4	671.6	857.3	1138.9	1580.3
-15°	472.4	503.7	501.4	489.3	490.4	511.1	553.9	638.3	799.1	1047.9	1389.9
-17.5°	464.5	501.3	504.7	491.7	488.1	504.2	538.0	601.7	740.1	964.1	1271.2
-20°	455.5	498.7	508.1	494.4	486.1	499.1	528.3	582.3	691.0	875.1	1139.1



REPORT NUMBER: P559180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	445.6	495.7	508.8	498.5	489.4	495.9	518.9	560.5	635.6	771.6	1001.5
-25°	433.5	483.5	505.2	502.8	492.7	492.0	508.5	538.4	594.5	705.4	879.3
-27.5°	418.8	470.4	501.4	507.5	496.1	489.6	501.7	526.0	566.6	635.2	762.2
-30°	402.6	455.8	497.0	509.9	501.0	493.3	496.0	512.2	540.1	591.5	680.4
-32.5°	384.9	439.7	483.5	504.7	506.8	496.8	492.1	503.3	523.9	554.8	609.7
-35°	366.8	418.8	465.1	499.0	511.7	502.8	496.5	495.8	508.8	532.3	565.0
-37.5°	348.8	396.9	445.4	486.0	505.0	510.3	501.6	496.9	500.3	511.9	533.9
-40°	329.9	374.1	421.6	463.4	498.8	511.8	509.8	502.6	498.0	501.0	510.9
-42.5°	310.2	352.3	395.7	440.2	479.4	505.0	516.8	510.9	503.0	496.1	498.4
-45°	290.4	329.7	369.3	412.5	454.6	490.9	509.6	519.9	510.6	501.6	495.2
-47.5°	269.8	306.5	343.9	383.2	425.4	463.7	497.0	511.5	518.4	510.9	501.6
-50°	248.9	283.1	318.0	354.5	392.2	432.2	467.5	495.9	510.4	515.9	513.0
-52.5°	229.2	259.1	292.1	325.3	359.4	394.8	431.7	463.1	488.9	508.6	513.4
-55°	209.1	236.9	265.7	296.3	326.9	358.5	390.1	422.8	453.7	476.8	498.5
-57.5°	189.1	214.9	240.5	267.2	295.0	322.6	350.9	378.9	407.6	435.1	459.1
-60°	168.7	192.4	215.8	239.3	263.3	288.2	312.1	337.1	362.2	386.3	409.5
-62.5°	147.9	169.6	191.0	211.9	233.3	254.1	275.6	296.8	317.3	338.6	359.1
-65°	128.4	147.1	166.3	185.2	203.3	221.6	240.0	258.0	276.5	294.0	310.4
-67.5°	108.6	125.6	142.3	158.7	175.3	190.4	204.8	220.7	236.3	251.7	266.5
-70°	92.1	104.4	118.8	133.4	147.5	160.9	174.0	186.3	197.9	210.1	223.2
-72.5°	75.9	86.6	97.4	108.2	120.3	132.0	143.3	154.2	164.2	173.6	182.9
-75°	61.2	68.6	77.5	86.7	95.5	104.1	112.8	122.2	130.5	138.0	145.0
-77.5°	47.9	53.8	59.9	66.0	71.9	78.8	85.6	92.4	98.4	103.9	108.9
-80°	35.2	38.9	43.5	48.2	52.3	56.5	60.6	64.7	68.8	73.1	77.5
-82.5°	24.0	26.8	29.5	32.2	34.3	36.2	38.1	40.7	43.7	46.7	49.5
-85°	13.5	14.6	16.4	18.2	19.8	21.2	22.5	23.7	25.0	26.3	27.5
-87.5°	6.7	7.3	7.8	8.4	8.9	9.4	9.9	10.3	10.8	11.2	11.6
-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: P559180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-935-U-MR-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°	12.0	11.8	11.6	11.4	11.1	11.3	11.5	11.6	11.8	12.5	13.2
85°	28.6	29.9	31.3	32.6	34.0	35.0	35.8	36.6	37.3	37.8	38.3
82.5°	52.2	54.9	57.5	59.8	61.8	63.5	65.0	66.4	67.5	68.5	69.3
80°	81.4	85.0	88.2	91.1	93.6	95.8	97.6	99.1	100.3	102.8	105.1
77.5°	114.0	119.0	123.7	128.0	131.9	135.7	139.3	142.5	145.4	147.6	149.2
75°	151.6	158.0	164.5	170.4	175.9	181.4	186.8	191.7	196.2	199.2	201.4
72.5°	192.2	200.9	208.7	216.2	222.9	229.7	236.5	242.5	247.8	251.9	255.2
70°	235.6	246.8	256.0	264.5	272.9	281.4	289.7	296.9	303.1	308.2	312.4
67.5°	280.5	293.4	304.9	316.1	327.3	337.8	347.9	357.2	365.7	372.2	376.5
65°	326.5	343.0	358.2	372.0	384.4	396.2	408.8	420.3	430.7	439.3	445.9
62.5°	378.4	397.2	414.3	429.7	443.6	454.6	466.5	477.4	487.1	496.1	505.1
60°	431.6	452.5	467.6	480.7	492.6	503.2	507.3	511.3	514.6	517.6	521.1
57.5°	478.0	495.9	508.8	511.8	514.4	516.7	515.2	511.1	506.7	502.4	499.0
55°	510.3	515.3	521.1	516.6	509.5	502.8	496.9	492.8	489.0	485.6	482.6
52.5°	518.8	513.9	507.9	501.3	496.4	491.3	486.1	487.0	488.7	489.8	490.5
50°	506.2	500.4	497.2	493.5	494.1	496.7	498.7	503.5	509.6	513.8	517.4
47.5°	496.5	492.7	497.6	503.8	509.6	520.0	529.4	538.5	552.6	563.8	572.8
45°	493.8	503.1	512.6	527.8	541.1	564.2	585.9	604.0	637.7	668.6	692.9
42.5°	507.8	523.7	541.0	570.5	602.4	643.2	695.6	739.9	791.8	840.2	875.3
40°	530.8	554.2	593.3	640.8	715.1	781.3	868.1	942.3	1012.1	1086.1	1141.7
37.5°	563.9	607.6	680.7	766.0	878.9	987.2	1106.9	1223.1	1322.1	1472.0	1589.2
35°	613.1	701.6	805.4	947.9	1095.3	1261.3	1436.3	1661.8	1860.4	2093.3	2312.3
32.5°	702.7	822.6	985.3	1178.0	1373.9	1660.4	1930.8	2297.1	2626.4	3037.3	3479.2
30°	807.7	986.5	1205.1	1456.7	1811.3	2205.6	2650.0	3212.0	3879.8	4675.0	5742.0
27.5°	952.3	1181.8	1456.8	1864.7	2367.8	2896.0	3684.2	4628.9	6350.5	7850.8	9839.2
25°	1107.9	1388.3	1823.2	2371.3	3033.3	3984.8	5525.6	7491.3	10275.7	12938.0	15066.3
22.5°	1287.4	1697.0	2246.0	2928.2	3999.6	5841.6	8234.0	11695.8	14800.5	17485.7	19553.6
20°	1486.2	1999.9	2737.7	3780.2	5604.8	8302.5	12143.0	15695.8	18866.9	21178.5	23005.6
17.5°	1743.5	2414.6	3350.8	4789.3	7589.7	11746.7	15706.0	19217.6	21976.8	24007.7	25627.4
15°	1983.8	2796.4	4009.6	6464.1	10286.2	14729.2	18787.6	21920.1	24307.8	26197.7	27654.0
12.5°	2267.4	3225.2	4779.8	7910.9	12765.8	17189.8	20975.5	23900.6	26199.9	27971.4	29923.3
10°	2520.0	3686.6	5883.2	9838.9	14802.0	19123.6	22799.9	25428.6	27734.3	30042.9	32969.6
7.5°	2728.5	4073.9	6788.2	11465.7	16365.3	20554.1	23903.2	26529.8	29071.0	32154.1	36375.5
5°	2894.2	4365.9	7532.7	12693.8	17501.8	21575.0	24745.9	27408.3	30278.5	34403.0	40068.1
2.5°	3005.0	4557.2	7998.1	13435.8	18218.8	22160.6	25370.5	27982.8	30992.2	35662.0	41580.6
0°	3049.0	4645.5	7880.0	13570.3	18262.2	22351.1	25463.6	28197.7	31195.4	35872.6	41858.3
-2.5°	3005.0	4557.2	7998.1	13435.8	18218.8	22160.6	25370.5	27982.8	30992.2	35662.0	41580.6
-5°	2894.2	4365.9	7532.7	12693.8	17501.8	21575.0	24745.9	27408.3	30278.5	34403.0	40068.1
-7.5°	2728.5	4073.9	6788.2	11465.7	16365.3	20554.1	23903.2	26529.8	29071.0	32154.1	36375.5
-10°	2520.0	3686.6	5883.2	9838.9	14802.0	19123.6	22799.9	25428.6	27734.3	30042.9	32969.6
-12.5°	2267.4	3225.2	4779.8	7910.9	12765.8	17189.8	20975.5	23900.6	26199.9	27971.4	29923.3
-15°	1983.8	2796.4	4009.6	6464.1	10286.2	14729.2	18787.6	21920.1	24307.8	26197.7	27654.0
-17.5°	1743.5	2414.6	3350.8	4789.3	7589.7	11746.7	15706.0	19217.6	21976.8	24007.7	25627.4
-20°	1486.2	1999.9	2737.7	3780.2	5604.8	8302.5	12143.0	15695.8	18866.9	21178.5	23005.6



REPORT NUMBER: P559180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1287.4	1697.0	2246.0	2928.2	3999.6	5841.6	8234.0	11695.8	14800.5	17485.7	19553.6
-25°	1107.9	1388.3	1823.2	2371.3	3033.3	3984.8	5525.6	7491.3	10275.7	12938.0	15066.3
-27.5°	952.3	1181.8	1456.8	1864.7	2367.8	2896.0	3684.2	4628.9	6350.5	7850.8	9839.2
-30°	807.7	986.5	1205.1	1456.7	1811.3	2205.6	2650.0	3212.0	3879.8	4675.0	5742.0
-32.5°	702.7	822.6	985.3	1178.0	1373.9	1660.4	1930.8	2297.1	2626.4	3037.3	3479.2
-35°	613.1	701.6	805.4	947.9	1095.3	1261.3	1436.3	1661.8	1860.4	2093.3	2312.3
-37.5°	563.9	607.6	680.7	766.0	878.9	987.2	1106.9	1223.1	1322.1	1472.0	1589.2
-40°	530.8	554.2	593.3	640.8	715.1	781.3	868.1	942.3	1012.1	1086.1	1141.7
-42.5°	507.8	523.7	541.0	570.5	602.4	643.2	695.6	739.9	791.8	840.2	875.3
-45°	493.8	503.1	512.6	527.8	541.1	564.2	585.9	604.0	637.7	668.6	692.9
-47.5°	496.5	492.7	497.6	503.8	509.6	520.0	529.4	538.5	552.6	563.8	572.8
-50°	506.2	500.4	497.2	493.5	494.1	496.7	498.7	503.5	509.6	513.8	517.4
-52.5°	518.8	513.9	507.9	501.3	496.4	491.3	486.1	487.0	488.7	489.8	490.5
-55°	510.3	515.3	521.1	516.6	509.5	502.8	496.9	492.8	489.0	485.6	482.6
-57.5°	478.0	495.9	508.8	511.8	514.4	516.7	515.2	511.1	506.7	502.4	499.0
-60°	431.6	452.5	467.6	480.7	492.6	503.2	507.3	511.3	514.6	517.6	521.1
-62.5°	378.4	397.2	414.3	429.7	443.6	454.6	466.5	477.4	487.1	496.1	505.1
-65°	326.5	343.0	358.2	372.0	384.4	396.2	408.8	420.3	430.7	439.3	445.9
-67.5°	280.5	293.4	304.9	316.1	327.3	337.8	347.9	357.2	365.7	372.2	376.5
-70°	235.6	246.8	256.0	264.5	272.9	281.4	289.7	296.9	303.1	308.2	312.4
-72.5°	192.2	200.9	208.7	216.2	222.9	229.7	236.5	242.5	247.8	251.9	255.2
-75°	151.6	158.0	164.5	170.4	175.9	181.4	186.8	191.7	196.2	199.2	201.4
-77.5°	114.0	119.0	123.7	128.0	131.9	135.7	139.3	142.5	145.4	147.6	149.2
-80°	81.4	85.0	88.2	91.1	93.6	95.8	97.6	99.1	100.3	102.8	105.1
-82.5°	52.2	54.9	57.5	59.8	61.8	63.5	65.0	66.4	67.5	68.5	69.3
-85°	28.6	29.9	31.3	32.6	34.0	35.0	35.8	36.6	37.3	37.8	38.3
-87.5°	12.0	11.8	11.6	11.4	11.1	11.3	11.5	11.6	11.8	12.5	13.2
-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: P559180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-935-U-MR-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°	13.9	14.5	14.6	14.6	14.6	14.5	13.9	13.2	12.5	11.8	11.6
85°	38.7	38.9	40.2	41.5	40.2	38.9	38.7	38.3	37.8	37.3	36.6
82.5°	70.0	70.4	70.7	70.8	70.7	70.4	70.0	69.3	68.5	67.5	66.4
80°	107.3	109.3	108.5	107.4	108.5	109.3	107.3	105.1	102.8	100.3	99.1
77.5°	150.2	150.6	150.0	148.9	150.0	150.6	150.2	149.2	147.6	145.4	142.5
75°	202.9	203.9	204.8	205.1	204.8	203.9	202.9	201.4	199.2	196.2	191.7
72.5°	257.8	259.7	259.7	258.8	259.7	259.7	257.8	255.2	251.9	247.8	242.5
70°	315.6	317.9	319.3	319.8	319.3	317.9	315.6	312.4	308.2	303.1	296.9
67.5°	379.5	381.2	382.7	383.3	382.7	381.2	379.5	376.5	372.2	365.7	357.2
65°	451.4	455.7	457.1	456.5	457.1	455.7	451.4	445.9	439.3	430.7	420.3
62.5°	513.5	520.9	524.0	524.8	524.0	520.9	513.5	505.1	496.1	487.1	477.4
60°	524.1	526.6	527.3	527.3	527.3	526.6	524.1	521.1	517.6	514.6	511.3
57.5°	495.7	492.9	491.2	490.7	491.2	492.9	495.7	499.0	502.4	506.7	511.1
55°	479.9	477.4	476.2	476.0	476.2	477.4	479.9	482.6	485.6	489.0	492.8
52.5°	490.7	490.4	491.3	493.1	491.3	490.4	490.7	490.5	489.8	488.7	487.0
50°	520.6	522.7	525.0	527.3	525.0	522.7	520.6	517.4	513.8	509.6	503.5
47.5°	579.3	582.6	584.7	585.9	584.7	582.6	579.3	572.8	563.8	552.6	538.5
45°	708.7	717.2	721.3	722.6	721.3	717.2	708.7	692.9	668.6	637.7	604.0
42.5°	898.6	911.3	916.8	917.9	916.8	911.3	898.6	875.3	840.2	791.8	739.9
40°	1181.5	1204.2	1215.2	1223.0	1215.2	1204.2	1181.5	1141.7	1086.1	1012.1	942.3
37.5°	1677.0	1734.0	1766.3	1794.2	1766.3	1734.0	1677.0	1589.2	1472.0	1322.1	1223.1
35°	2490.5	2621.0	2697.9	2714.6	2697.9	2621.0	2490.5	2312.3	2093.3	1860.4	1661.8
32.5°	3819.4	4075.4	4228.5	4247.6	4228.5	4075.4	3819.4	3479.2	3037.3	2626.4	2297.1
30°	6570.3	7287.6	7779.2	7711.6	7779.2	7287.6	6570.3	5742.0	4675.0	3879.8	3212.0
27.5°	11468.0	12768.8	13613.8	13543.5	13613.8	12768.8	11468.0	9839.2	7850.8	6350.5	4628.9
25°	16702.6	17899.9	18606.7	18867.6	18606.7	17899.9	16702.6	15066.3	12938.0	10275.7	7491.3
22.5°	20977.2	22047.6	22659.0	23024.9	22659.0	22047.6	20977.2	19553.6	17485.7	14800.5	11695.8
20°	24252.4	25180.7	25706.5	25932.3	25706.5	25180.7	24252.4	23005.6	21178.5	18866.9	15695.8
17.5°	26772.0	27549.1	28144.5	28297.8	28144.5	27549.1	26772.0	25627.4	24007.7	21976.8	19217.6
15°	29000.7	30004.6	30706.6	30968.4	30706.6	30004.6	29000.7	27654.0	26197.7	24307.8	21920.1
12.5°	31811.1	33556.6	34484.5	34698.5	34484.5	33556.6	31811.1	29923.3	27971.4	26199.9	23900.6
10°	35965.1	38648.1	38952.1	38535.9	38952.1	38648.1	35965.1	32969.6	30042.9	27734.3	25428.6
7.5°	42014.9	45592.4	44818.9	43530.5	44818.9	45592.4	42014.9	36375.5	32154.1	29071.0	26529.8
5°	46344.3	51311.2	51465.5	50519.5	51465.5	51311.2	46344.3	40068.1	34403.0	30278.5	27408.3
2.5°	48067.8	53180.8	55725.6	56142.8	55725.6	53180.8	48067.8	41580.6	35662.0	30992.2	27982.8
0°	48196.8	53783.3	56800.6	57550.0	56800.6	53783.3	48196.8	41858.3	35872.6	31195.4	28197.7
-2.5°	48067.8	53180.8	55725.6	56142.8	55725.6	53180.8	48067.8	41580.6	35662.0	30992.2	27982.8
-5°	46344.3	51311.2	51465.5	50519.5	51465.5	51311.2	46344.3	40068.1	34403.0	30278.5	27408.3
-7.5°	42014.9	45592.4	44818.9	43530.5	44818.9	45592.4	42014.9	36375.5	32154.1	29071.0	26529.8
-10°	35965.1	38648.1	38952.1	38535.9	38952.1	38648.1	35965.1	32969.6	30042.9	27734.3	25428.6
-12.5°	31811.1	33556.6	34484.5	34698.5	34484.5	33556.6	31811.1	29923.3	27971.4	26199.9	23900.6
-15°	29000.7	30004.6	30706.6	30968.4	30706.6	30004.6	29000.7	27654.0	26197.7	24307.8	21920.1
-17.5°	26772.0	27549.1	28144.5	28297.8	28144.5	27549.1	26772.0	25627.4	24007.7	21976.8	19217.6
-20°	24252.4	25180.7	25706.5	25932.3	25706.5	25180.7	24252.4	23005.6	21178.5	18866.9	15695.8



REPORT NUMBER: P559180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	20977.2	22047.6	22659.0	23024.9	22659.0	22047.6	20977.2	19553.6	17485.7	14800.5	11695.8
-25°	16702.6	17899.9	18606.7	18867.6	18606.7	17899.9	16702.6	15066.3	12938.0	10275.7	7491.3
-27.5°	11468.0	12768.8	13613.8	13543.5	13613.8	12768.8	11468.0	9839.2	7850.8	6350.5	4628.9
-30°	6570.3	7287.6	7779.2	7711.6	7779.2	7287.6	6570.3	5742.0	4675.0	3879.8	3212.0
-32.5°	3819.4	4075.4	4228.5	4247.6	4228.5	4075.4	3819.4	3479.2	3037.3	2626.4	2297.1
-35°	2490.5	2621.0	2697.9	2714.6	2697.9	2621.0	2490.5	2312.3	2093.3	1860.4	1661.8
-37.5°	1677.0	1734.0	1766.3	1794.2	1766.3	1734.0	1677.0	1589.2	1472.0	1322.1	1223.1
-40°	1181.5	1204.2	1215.2	1223.0	1215.2	1204.2	1181.5	1141.7	1086.1	1012.1	942.3
-42.5°	898.6	911.3	916.8	917.9	916.8	911.3	898.6	875.3	840.2	791.8	739.9
-45°	708.7	717.2	721.3	722.6	721.3	717.2	708.7	692.9	668.6	637.7	604.0
-47.5°	579.3	582.6	584.7	585.9	584.7	582.6	579.3	572.8	563.8	552.6	538.5
-50°	520.6	522.7	525.0	527.3	525.0	522.7	520.6	517.4	513.8	509.6	503.5
-52.5°	490.7	490.4	491.3	493.1	491.3	490.4	490.7	490.5	489.8	488.7	487.0
-55°	479.9	477.4	476.2	476.0	476.2	477.4	479.9	482.6	485.6	489.0	492.8
-57.5°	495.7	492.9	491.2	490.7	491.2	492.9	495.7	499.0	502.4	506.7	511.1
-60°	524.1	526.6	527.3	527.3	527.3	526.6	524.1	521.1	517.6	514.6	511.3
-62.5°	513.5	520.9	524.0	524.8	524.0	520.9	513.5	505.1	496.1	487.1	477.4
-65°	451.4	455.7	457.1	456.5	457.1	455.7	451.4	445.9	439.3	430.7	420.3
-67.5°	379.5	381.2	382.7	383.3	382.7	381.2	379.5	376.5	372.2	365.7	357.2
-70°	315.6	317.9	319.3	319.8	319.3	317.9	315.6	312.4	308.2	303.1	296.9
-72.5°	257.8	259.7	259.7	258.8	259.7	259.7	257.8	255.2	251.9	247.8	242.5
-75°	202.9	203.9	204.8	205.1	204.8	203.9	202.9	201.4	199.2	196.2	191.7
-77.5°	150.2	150.6	150.0	148.9	150.0	150.6	150.2	149.2	147.6	145.4	142.5
-80°	107.3	109.3	108.5	107.4	108.5	109.3	107.3	105.1	102.8	100.3	99.1
-82.5°	70.0	70.4	70.7	70.8	70.7	70.4	70.0	69.3	68.5	67.5	66.4
-85°	38.7	38.9	40.2	41.5	40.2	38.9	38.7	38.3	37.8	37.3	36.6
-87.5°	13.9	14.5	14.6	14.6	14.6	14.5	13.9	13.2	12.5	11.8	11.6
-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: P559180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-935-U-MR-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°	11.5	11.3	11.1	11.4	11.6	11.8	12.0	11.6	11.2	10.8	10.3
85°	35.8	35.0	34.0	32.6	31.3	29.9	28.6	27.5	26.3	25.0	23.7
82.5°	65.0	63.5	61.8	59.8	57.5	54.9	52.2	49.5	46.7	43.7	40.7
80°	97.6	95.8	93.6	91.1	88.2	85.0	81.4	77.5	73.1	68.8	64.7
77.5°	139.3	135.7	131.9	128.0	123.7	119.0	114.0	108.9	103.9	98.4	92.4
75°	186.8	181.4	175.9	170.4	164.5	158.0	151.6	145.0	138.0	130.5	122.2
72.5°	236.5	229.7	222.9	216.2	208.7	200.9	192.2	182.9	173.6	164.2	154.2
70°	289.7	281.4	272.9	264.5	256.0	246.8	235.6	223.2	210.1	197.9	186.3
67.5°	347.9	337.8	327.3	316.1	304.9	293.4	280.5	266.5	251.7	236.3	220.7
65°	408.8	396.2	384.4	372.0	358.2	343.0	326.5	310.4	294.0	276.5	258.0
62.5°	466.5	454.6	443.6	429.7	414.3	397.2	378.4	359.1	338.6	317.3	296.8
60°	507.3	503.2	492.6	480.7	467.6	452.5	431.6	409.5	386.3	362.2	337.1
57.5°	515.2	516.7	514.4	511.8	508.8	495.9	478.0	459.1	435.1	407.6	378.9
55°	496.9	502.8	509.5	516.6	521.1	515.3	510.3	498.5	476.8	453.7	422.8
52.5°	486.1	491.3	496.4	501.3	507.9	513.9	518.8	513.4	508.6	488.9	463.1
50°	498.7	496.7	494.1	493.5	497.2	500.4	506.2	513.0	515.9	510.4	495.9
47.5°	529.4	520.0	509.6	503.8	497.6	492.7	496.5	501.6	510.9	518.4	511.5
45°	585.9	564.2	541.1	527.8	512.6	503.1	493.8	495.2	501.6	510.6	519.9
42.5°	695.6	643.2	602.4	570.5	541.0	523.7	507.8	498.4	496.1	503.0	510.9
40°	868.1	781.3	715.1	640.8	593.3	554.2	530.8	510.9	501.0	498.0	502.6
37.5°	1106.9	987.2	878.9	766.0	680.7	607.6	563.9	533.9	511.9	500.3	496.9
35°	1436.3	1261.3	1095.3	947.9	805.4	701.6	613.1	565.0	532.3	508.8	495.8
32.5°	1930.8	1660.4	1373.9	1178.0	985.3	822.6	702.7	609.7	554.8	523.9	503.3
30°	2650.0	2205.6	1811.3	1456.7	1205.1	986.5	807.7	680.4	591.5	540.1	512.2
27.5°	3684.2	2896.0	2367.8	1864.7	1456.8	1181.8	952.3	762.2	635.2	566.6	526.0
25°	5525.6	3984.8	3033.3	2371.3	1823.2	1388.3	1107.9	879.3	705.4	594.5	538.4
22.5°	8234.0	5841.6	3999.6	2928.2	2246.0	1697.0	1287.4	1001.5	771.6	635.6	560.5
20°	12143.0	8302.5	5604.8	3780.2	2737.7	1999.9	1486.2	1139.1	875.1	691.0	582.3
17.5°	15706.0	11746.7	7589.7	4789.3	3350.8	2414.6	1743.5	1271.2	964.1	740.1	601.7
15°	18787.6	14729.2	10286.2	6464.1	4009.6	2796.4	1983.8	1389.9	1047.9	799.1	638.3
12.5°	20975.5	17189.8	12765.8	7910.9	4779.8	3225.2	2267.4	1580.3	1138.9	857.3	671.6
10°	22799.9	19123.6	14802.0	9838.9	5883.2	3686.6	2520.0	1740.1	1216.0	902.1	697.8
7.5°	23903.2	20554.1	16365.3	11465.7	6788.2	4073.9	2728.5	1859.5	1277.9	934.0	717.1
5°	24745.9	21575.0	17501.8	12693.8	7532.7	4365.9	2894.2	1939.5	1323.1	953.4	729.6
2.5°	25370.5	22160.6	18218.8	13435.8	7998.1	4557.2	3005.0	1996.4	1345.4	970.7	740.2
0°	25463.6	22351.1	18262.2	13570.3	7880.0	4645.5	3049.0	2031.0	1345.1	978.9	744.5
-2.5°	25370.5	22160.6	18218.8	13435.8	7998.1	4557.2	3005.0	1996.4	1345.4	970.7	740.2
-5°	24745.9	21575.0	17501.8	12693.8	7532.7	4365.9	2894.2	1939.5	1323.1	953.4	729.6
-7.5°	23903.2	20554.1	16365.3	11465.7	6788.2	4073.9	2728.5	1859.5	1277.9	934.0	717.1
-10°	22799.9	19123.6	14802.0	9838.9	5883.2	3686.6	2520.0	1740.1	1216.0	902.1	697.8
-12.5°	20975.5	17189.8	12765.8	7910.9	4779.8	3225.2	2267.4	1580.3	1138.9	857.3	671.6
-15°	18787.6	14729.2	10286.2	6464.1	4009.6	2796.4	1983.8	1389.9	1047.9	799.1	638.3
-17.5°	15706.0	11746.7	7589.7	4789.3	3350.8	2414.6	1743.5	1271.2	964.1	740.1	601.7
-20°	12143.0	8302.5	5604.8	3780.2	2737.7	1999.9	1486.2	1139.1	875.1	691.0	582.3



REPORT NUMBER: P559180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8234.0	5841.6	3999.6	2928.2	2246.0	1697.0	1287.4	1001.5	771.6	635.6	560.5
-25°	5525.6	3984.8	3033.3	2371.3	1823.2	1388.3	1107.9	879.3	705.4	594.5	538.4
-27.5°	3684.2	2896.0	2367.8	1864.7	1456.8	1181.8	952.3	762.2	635.2	566.6	526.0
-30°	2650.0	2205.6	1811.3	1456.7	1205.1	986.5	807.7	680.4	591.5	540.1	512.2
-32.5°	1930.8	1660.4	1373.9	1178.0	985.3	822.6	702.7	609.7	554.8	523.9	503.3
-35°	1436.3	1261.3	1095.3	947.9	805.4	701.6	613.1	565.0	532.3	508.8	495.8
-37.5°	1106.9	987.2	878.9	766.0	680.7	607.6	563.9	533.9	511.9	500.3	496.9
-40°	868.1	781.3	715.1	640.8	593.3	554.2	530.8	510.9	501.0	498.0	502.6
-42.5°	695.6	643.2	602.4	570.5	541.0	523.7	507.8	498.4	496.1	503.0	510.9
-45°	585.9	564.2	541.1	527.8	512.6	503.1	493.8	495.2	501.6	510.6	519.9
-47.5°	529.4	520.0	509.6	503.8	497.6	492.7	496.5	501.6	510.9	518.4	511.5
-50°	498.7	496.7	494.1	493.5	497.2	500.4	506.2	513.0	515.9	510.4	495.9
-52.5°	486.1	491.3	496.4	501.3	507.9	513.9	518.8	513.4	508.6	488.9	463.1
-55°	496.9	502.8	509.5	516.6	521.1	515.3	510.3	498.5	476.8	453.7	422.8
-57.5°	515.2	516.7	514.4	511.8	508.8	495.9	478.0	459.1	435.1	407.6	378.9
-60°	507.3	503.2	492.6	480.7	467.6	452.5	431.6	409.5	386.3	362.2	337.1
-62.5°	466.5	454.6	443.6	429.7	414.3	397.2	378.4	359.1	338.6	317.3	296.8
-65°	408.8	396.2	384.4	372.0	358.2	343.0	326.5	310.4	294.0	276.5	258.0
-67.5°	347.9	337.8	327.3	316.1	304.9	293.4	280.5	266.5	251.7	236.3	220.7
-70°	289.7	281.4	272.9	264.5	256.0	246.8	235.6	223.2	210.1	197.9	186.3
-72.5°	236.5	229.7	222.9	216.2	208.7	200.9	192.2	182.9	173.6	164.2	154.2
-75°	186.8	181.4	175.9	170.4	164.5	158.0	151.6	145.0	138.0	130.5	122.2
-77.5°	139.3	135.7	131.9	128.0	123.7	119.0	114.0	108.9	103.9	98.4	92.4
-80°	97.6	95.8	93.6	91.1	88.2	85.0	81.4	77.5	73.1	68.8	64.7
-82.5°	65.0	63.5	61.8	59.8	57.5	54.9	52.2	49.5	46.7	43.7	40.7
-85°	35.8	35.0	34.0	32.6	31.3	29.9	28.6	27.5	26.3	25.0	23.7
-87.5°	11.5	11.3	11.1	11.4	11.6	11.8	12.0	11.6	11.2	10.8	10.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-935-U-MR-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°	9.9	9.4	8.9	8.4	7.8	7.3	6.7	6.2	5.6	5.0	4.4
85°	22.5	21.2	19.8	18.2	16.4	14.6	13.5	12.3	11.2	10.0	8.8
82.5°	38.1	36.2	34.3	32.2	29.5	26.8	24.0	21.1	18.3	15.2	13.1
80°	60.6	56.5	52.3	48.2	43.5	38.9	35.2	31.4	27.8	23.9	19.8
77.5°	85.6	78.8	71.9	66.0	59.9	53.8	47.9	42.1	37.3	32.6	27.6
75°	112.8	104.1	95.5	86.7	77.5	68.6	61.2	54.2	47.7	41.3	35.4
72.5°	143.3	132.0	120.3	108.2	97.4	86.6	75.9	66.1	58.2	50.6	43.1
70°	174.0	160.9	147.5	133.4	118.8	104.4	92.1	80.3	68.7	59.7	51.0
67.5°	204.8	190.4	175.3	158.7	142.3	125.6	108.6	94.9	81.9	68.7	58.7
65°	240.0	221.6	203.3	185.2	166.3	147.1	128.4	110.4	94.9	80.3	66.2
62.5°	275.6	254.1	233.3	211.9	191.0	169.6	147.9	128.3	108.3	91.6	75.4
60°	312.1	288.2	263.3	239.3	215.8	192.4	168.7	145.8	124.1	102.8	85.2
57.5°	350.9	322.6	295.0	267.2	240.5	214.9	189.1	163.8	139.6	115.9	94.7
55°	390.1	358.5	326.9	296.3	265.7	236.9	209.1	181.5	154.9	129.4	104.1
52.5°	431.7	394.8	359.4	325.3	292.1	259.1	229.2	198.5	170.0	142.4	115.3
50°	467.5	432.2	392.2	354.5	318.0	283.1	248.9	216.4	184.5	155.1	126.3
47.5°	497.0	463.7	425.4	383.2	343.9	306.5	269.8	234.1	198.4	167.3	136.8
45°	509.6	490.9	454.6	412.5	369.3	329.7	290.4	251.4	213.9	179.0	146.8
42.5°	516.8	505.0	479.4	440.2	395.7	352.3	310.2	269.3	229.0	190.3	156.5
40°	509.8	511.8	498.8	463.4	421.6	374.1	329.9	286.5	243.7	201.9	166.0
37.5°	501.6	510.3	505.0	486.0	445.4	396.9	348.8	302.9	257.8	214.2	175.0
35°	496.5	502.8	511.7	499.0	465.1	418.8	366.8	318.7	271.5	225.8	183.6
32.5°	492.1	496.8	506.8	504.7	483.5	439.7	384.9	333.8	284.4	236.7	191.8
30°	496.0	493.3	501.0	509.9	497.0	455.8	402.6	347.9	296.5	246.8	199.8
27.5°	501.7	489.6	496.1	507.5	501.4	470.4	418.8	361.0	307.8	256.3	207.9
25°	508.5	492.0	492.7	502.8	505.2	483.5	433.5	373.1	318.4	265.4	215.4
22.5°	518.9	495.9	489.4	498.5	508.8	495.7	445.6	385.3	328.2	273.7	222.2
20°	528.3	499.1	486.1	494.4	508.1	498.7	455.5	396.1	337.0	281.2	228.2
17.5°	538.0	504.2	488.1	491.7	504.7	501.3	464.5	405.6	344.9	287.8	233.6
15°	553.9	511.1	490.4	489.3	501.4	503.7	472.4	413.8	351.7	293.5	238.2
12.5°	567.4	516.9	492.2	487.3	498.3	505.6	479.3	420.7	357.4	298.2	242.2
10°	578.4	521.4	493.4	485.7	495.5	507.3	485.0	426.8	362.6	302.0	245.5
7.5°	586.7	524.7	494.1	484.4	493.1	508.6	490.3	433.1	366.9	304.8	248.1
5°	592.9	528.4	495.8	483.8	491.8	509.5	494.2	438.1	370.2	306.7	249.9
2.5°	598.1	533.3	498.3	483.4	491.0	510.0	496.8	441.9	372.4	307.6	251.0
0°	600.5	537.1	500.4	483.3	490.7	510.2	498.0	444.3	373.5	307.6	251.4
-2.5°	598.1	533.3	498.3	483.4	491.0	510.0	496.8	441.9	372.4	307.6	251.0
-5°	592.9	528.4	495.8	483.8	491.8	509.5	494.2	438.1	370.2	306.7	249.9
-7.5°	586.7	524.7	494.1	484.4	493.1	508.6	490.3	433.1	366.9	304.8	248.1
-10°	578.4	521.4	493.4	485.7	495.5	507.3	485.0	426.8	362.6	302.0	245.5
-12.5°	567.4	516.9	492.2	487.3	498.3	505.6	479.3	420.7	357.4	298.2	242.2
-15°	553.9	511.1	490.4	489.3	501.4	503.7	472.4	413.8	351.7	293.5	238.2
-17.5°	538.0	504.2	488.1	491.7	504.7	501.3	464.5	405.6	344.9	287.8	233.6
-20°	528.3	499.1	486.1	494.4	508.1	498.7	455.5	396.1	337.0	281.2	228.2



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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°	518.9	495.9	489.4	498.5	508.8	495.7	445.6	385.3	328.2	273.7	222.2
-25°	508.5	492.0	492.7	502.8	505.2	483.5	433.5	373.1	318.4	265.4	215.4
-27.5°	501.7	489.6	496.1	507.5	501.4	470.4	418.8	361.0	307.8	256.3	207.9
-30°	496.0	493.3	501.0	509.9	497.0	455.8	402.6	347.9	296.5	246.8	199.8
-32.5°	492.1	496.8	506.8	504.7	483.5	439.7	384.9	333.8	284.4	236.7	191.8
-35°	496.5	502.8	511.7	499.0	465.1	418.8	366.8	318.7	271.5	225.8	183.6
-37.5°	501.6	510.3	505.0	486.0	445.4	396.9	348.8	302.9	257.8	214.2	175.0
-40°	509.8	511.8	498.8	463.4	421.6	374.1	329.9	286.5	243.7	201.9	166.0
-42.5°	516.8	505.0	479.4	440.2	395.7	352.3	310.2	269.3	229.0	190.3	156.5
-45°	509.6	490.9	454.6	412.5	369.3	329.7	290.4	251.4	213.9	179.0	146.8
-47.5°	497.0	463.7	425.4	383.2	343.9	306.5	269.8	234.1	198.4	167.3	136.8
-50°	467.5	432.2	392.2	354.5	318.0	283.1	248.9	216.4	184.5	155.1	126.3
-52.5°	431.7	394.8	359.4	325.3	292.1	259.1	229.2	198.5	170.0	142.4	115.3
-55°	390.1	358.5	326.9	296.3	265.7	236.9	209.1	181.5	154.9	129.4	104.1
-57.5°	350.9	322.6	295.0	267.2	240.5	214.9	189.1	163.8	139.6	115.9	94.7
-60°	312.1	288.2	263.3	239.3	215.8	192.4	168.7	145.8	124.1	102.8	85.2
-62.5°	275.6	254.1	233.3	211.9	191.0	169.6	147.9	128.3	108.3	91.6	75.4
-65°	240.0	221.6	203.3	185.2	166.3	147.1	128.4	110.4	94.9	80.3	66.2
-67.5°	204.8	190.4	175.3	158.7	142.3	125.6	108.6	94.9	81.9	68.7	58.7
-70°	174.0	160.9	147.5	133.4	118.8	104.4	92.1	80.3	68.7	59.7	51.0
-72.5°	143.3	132.0	120.3	108.2	97.4	86.6	75.9	66.1	58.2	50.6	43.1
-75°	112.8	104.1	95.5	86.7	77.5	68.6	61.2	54.2	47.7	41.3	35.4
-77.5°	85.6	78.8	71.9	66.0	59.9	53.8	47.9	42.1	37.3	32.6	27.6
-80°	60.6	56.5	52.3	48.2	43.5	38.9	35.2	31.4	27.8	23.9	19.8
-82.5°	38.1	36.2	34.3	32.2	29.5	26.8	24.0	21.1	18.3	15.2	13.1
-85°	22.5	21.2	19.8	18.2	16.4	14.6	13.5	12.3	11.2	10.0	8.8
-87.5°	9.9	9.4	8.9	8.4	7.8	7.3	6.7	6.2	5.6	5.0	4.4
-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°	3.8	3.2	2.5	1.9	1.3	0.6	0.0
85°	7.5	6.3	5.1	3.8	2.5	1.3	0.0
82.5°	11.3	9.5	7.6	5.7	3.8	1.9	0.0
80°	15.4	12.6	10.1	7.6	5.1	2.5	0.0
77.5°	22.2	16.5	12.6	9.5	6.3	3.2	0.0
75°	29.0	22.1	15.4	11.3	7.5	3.8	0.0
72.5°	35.6	27.5	19.6	13.1	8.8	4.4	0.0
70°	42.2	32.8	23.9	15.2	10.0	5.0	0.0
67.5°	48.7	38.1	28.0	18.2	11.2	5.6	0.0
65°	55.3	43.5	32.0	21.2	12.3	6.2	0.0
62.5°	61.7	49.0	36.0	24.1	13.5	6.7	0.0
60°	68.1	54.5	39.8	27.0	14.6	7.3	0.0
57.5°	76.2	59.9	44.2	29.7	16.4	7.8	0.0
55°	84.2	65.2	48.5	32.4	18.2	8.4	0.0
52.5°	92.0	70.6	52.7	35.0	20.0	8.9	0.0
50°	99.6	77.0	56.9	37.4	21.7	9.4	0.0
47.5°	107.2	83.1	60.9	40.0	23.4	9.9	0.0
45°	115.7	88.9	64.8	42.9	25.0	10.3	0.0
42.5°	123.8	94.6	68.6	45.7	26.6	10.8	0.0
40°	131.4	100.0	72.6	48.5	28.1	11.2	0.0
37.5°	138.6	105.1	76.7	51.1	29.5	11.6	0.0
35°	145.3	110.5	80.5	53.6	30.9	12.0	0.0
32.5°	151.8	115.7	84.2	55.8	32.2	12.3	0.0
30°	158.3	120.6	87.6	57.9	33.4	12.6	0.0
27.5°	164.3	125.1	90.6	59.8	34.5	12.9	0.0
25°	169.9	129.2	93.2	61.5	35.6	13.2	0.0
22.5°	175.0	132.8	95.6	63.0	36.6	13.5	0.0
20°	179.7	135.9	97.7	64.3	37.5	13.7	0.0
17.5°	183.8	138.6	99.6	65.4	38.3	13.9	0.0
15°	187.4	140.9	101.2	66.4	39.1	14.1	0.0
12.5°	190.5	142.8	102.5	67.1	39.7	14.3	0.0
10°	193.0	144.4	103.6	67.7	40.3	14.4	0.0
7.5°	195.1	145.5	104.4	68.2	40.7	14.5	0.0
5°	196.5	146.2	104.9	68.4	41.1	14.5	0.0
2.5°	197.4	146.6	105.1	68.5	41.3	14.6	0.0
0°	197.7	146.5	105.0	68.4	41.5	14.6	0.0
-2.5°	197.4	146.6	105.1	68.5	41.3	14.6	0.0
-5°	196.5	146.2	104.9	68.4	41.1	14.5	0.0
-7.5°	195.1	145.5	104.4	68.2	40.7	14.5	0.0
-10°	193.0	144.4	103.6	67.7	40.3	14.4	0.0
-12.5°	190.5	142.8	102.5	67.1	39.7	14.3	0.0
-15°	187.4	140.9	101.2	66.4	39.1	14.1	0.0
-17.5°	183.8	138.6	99.6	65.4	38.3	13.9	0.0
-20°	179.7	135.9	97.7	64.3	37.5	13.7	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	175.0	132.8	95.6	63.0	36.6	13.5	0.0
-25°	169.9	129.2	93.2	61.5	35.6	13.2	0.0
-27.5°	164.3	125.1	90.6	59.8	34.5	12.9	0.0
-30°	158.3	120.6	87.6	57.9	33.4	12.6	0.0
-32.5°	151.8	115.7	84.2	55.8	32.2	12.3	0.0
-35°	145.3	110.5	80.5	53.6	30.9	12.0	0.0
-37.5°	138.6	105.1	76.7	51.1	29.5	11.6	0.0
-40°	131.4	100.0	72.6	48.5	28.1	11.2	0.0
-42.5°	123.8	94.6	68.6	45.7	26.6	10.8	0.0
-45°	115.7	88.9	64.8	42.9	25.0	10.3	0.0
-47.5°	107.2	83.1	60.9	40.0	23.4	9.9	0.0
-50°	99.6	77.0	56.9	37.4	21.7	9.4	0.0
-52.5°	92.0	70.6	52.7	35.0	20.0	8.9	0.0
-55°	84.2	65.2	48.5	32.4	18.2	8.4	0.0
-57.5°	76.2	59.9	44.2	29.7	16.4	7.8	0.0
-60°	68.1	54.5	39.8	27.0	14.6	7.3	0.0
-62.5°	61.7	49.0	36.0	24.1	13.5	6.7	0.0
-65°	55.3	43.5	32.0	21.2	12.3	6.2	0.0
-67.5°	48.7	38.1	28.0	18.2	11.2	5.6	0.0
-70°	42.2	32.8	23.9	15.2	10.0	5.0	0.0
-72.5°	35.6	27.5	19.6	13.1	8.8	4.4	0.0
-75°	29.0	22.1	15.4	11.3	7.5	3.8	0.0
-77.5°	22.2	16.5	12.6	9.5	6.3	3.2	0.0
-80°	15.4	12.6	10.1	7.6	5.1	2.5	0.0
-82.5°	11.3	9.5	7.6	5.7	3.8	1.9	0.0
-85°	7.5	6.3	5.1	3.8	2.5	1.3	0.0
-87.5°	3.8	3.2	2.5	1.9	1.3	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)