

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: P558635 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-930-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558635 (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-SA2B-930-U-WR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (32) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

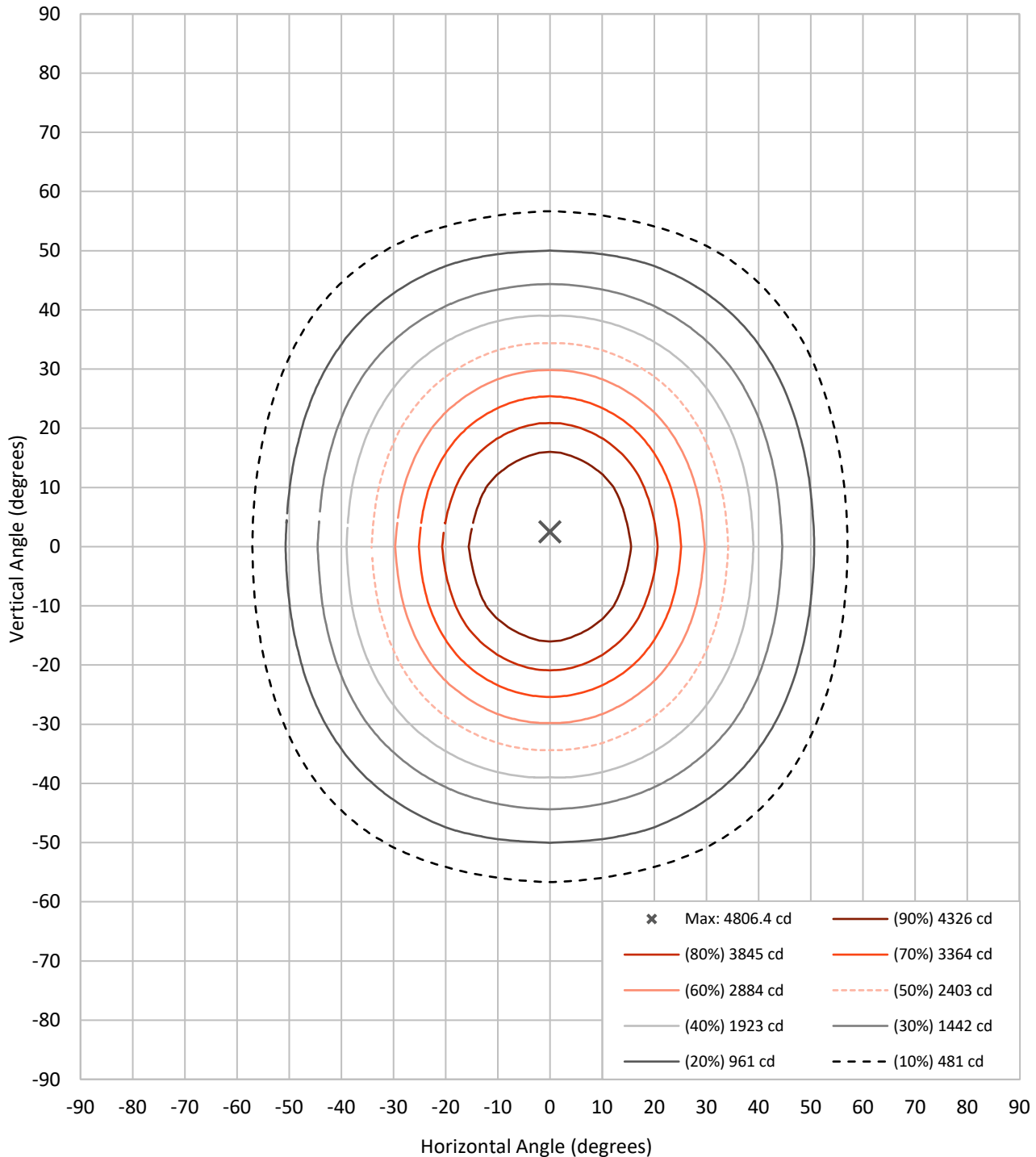
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	6505.1 lumens	Max Intensity:	4806.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	103.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	3900.3 lumens	Field Lumens:	6214.1 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 63
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P558635 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





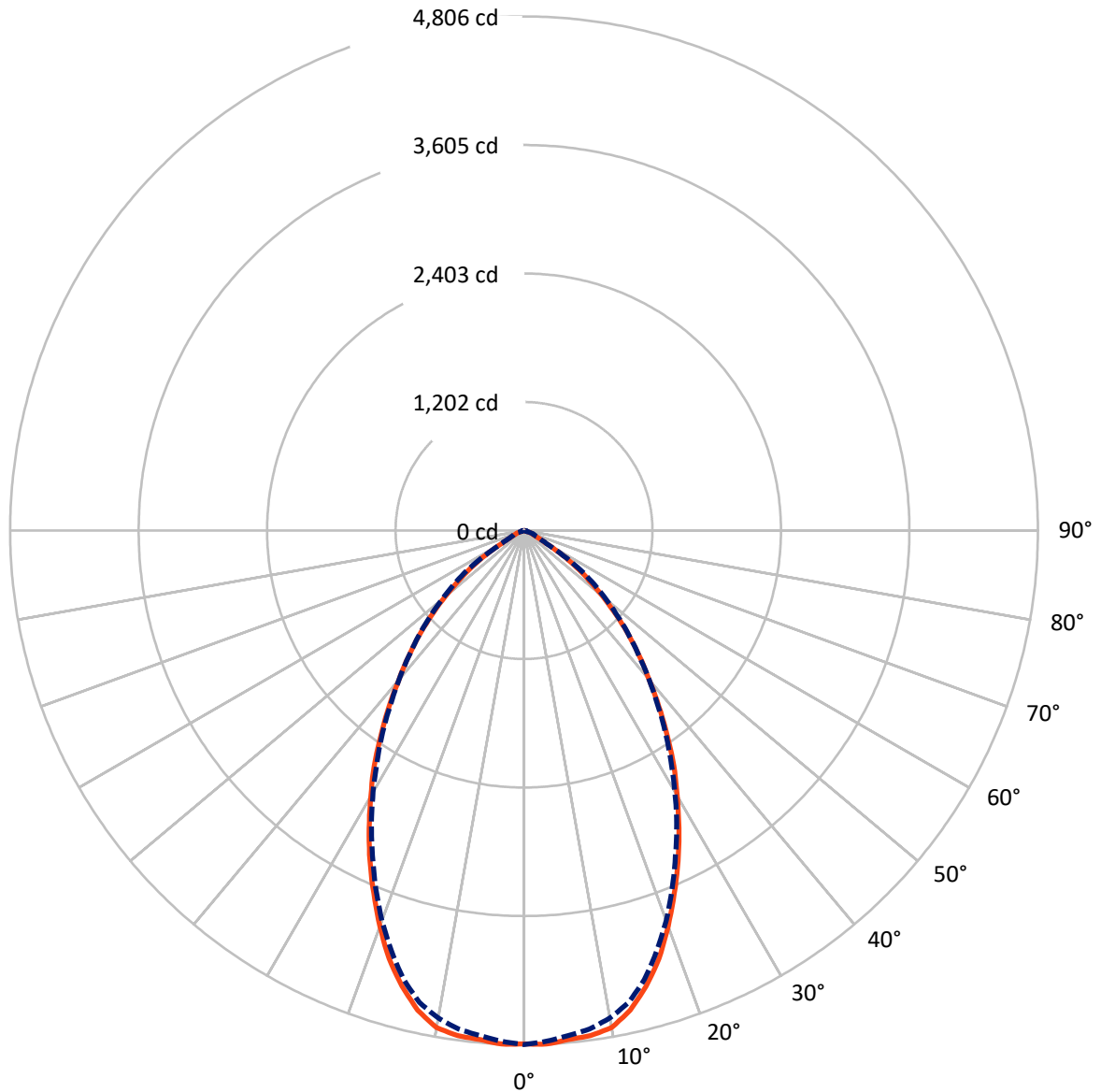
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Lumen Table

90																			
80	0.1	0.6		1.6		2.7		1.9		2.7		1.6		0.6		0.1			
70																			
60	0.3	0.5	0.9	1.4	2.0	2.6	3.2	3.6	3.6	3.2	2.6	2.0	1.4	0.9	0.5	0.3			
50		0.7	1.5	2.6	5.1	9.8	14.7	17.6	17.6	14.7	9.8	5.1	2.6	1.5	0.7				
40	0.5	0.9	2.1	6.2	16.4	27.3	36.3	41.4	41.4	36.3	27.3	16.4	6.2	2.1	0.9	0.5			
30		1.2	3.7	14.4	29.4	46.0	60.9	69.9	69.9	60.9	46.0	29.4	14.4	3.7	1.2				
20	0.6	1.4	6.7	21.7	41.8	65.4	87.4	101.2	101.2	87.4	65.4	41.8	21.7	6.7	1.4	0.6			
10		1.6	9.5	27.0	51.5	81.7	111.2	129.9	129.9	111.2	81.7	51.5	27.0	9.5	1.6				
0	0.6	1.8	11.1	29.9	56.9	91.3	125.0	142.8	142.8	125.0	91.3	56.9	29.9	11.1	1.8	0.6			
-10		1.8	11.1	29.9	56.9	91.3	125.0	142.8	142.8	125.0	91.3	56.9	29.9	11.1	1.8				
-20	0.6	1.6	9.5	27.0	51.5	81.7	111.2	129.9	129.9	111.2	81.7	51.5	27.0	9.5	1.6	0.6			
-30		1.4	6.7	21.7	41.8	65.4	87.4	101.2	101.2	87.4	65.4	41.8	21.7	6.7	1.4				
-40	0.5	1.2	3.7	14.4	29.4	46.0	60.9	69.9	69.9	60.9	46.0	29.4	14.4	3.7	1.2	0.5			
-50		0.9	2.1	6.2	16.4	27.3	36.3	41.4	41.4	36.3	27.3	16.4	6.2	2.1	0.9				
-60	0.3	0.7	1.5	2.6	5.1	9.8	14.7	17.6	17.6	14.7	9.8	5.1	2.6	1.5	0.7	0.3			
-70		0.5	0.9	1.4	2.0	2.6	3.2	3.6	3.6	3.2	2.6	2.0	1.4	0.9	0.5				
-80																			
-90	0.1	0.6		1.6		2.7		1.9		2.7		1.6		0.6		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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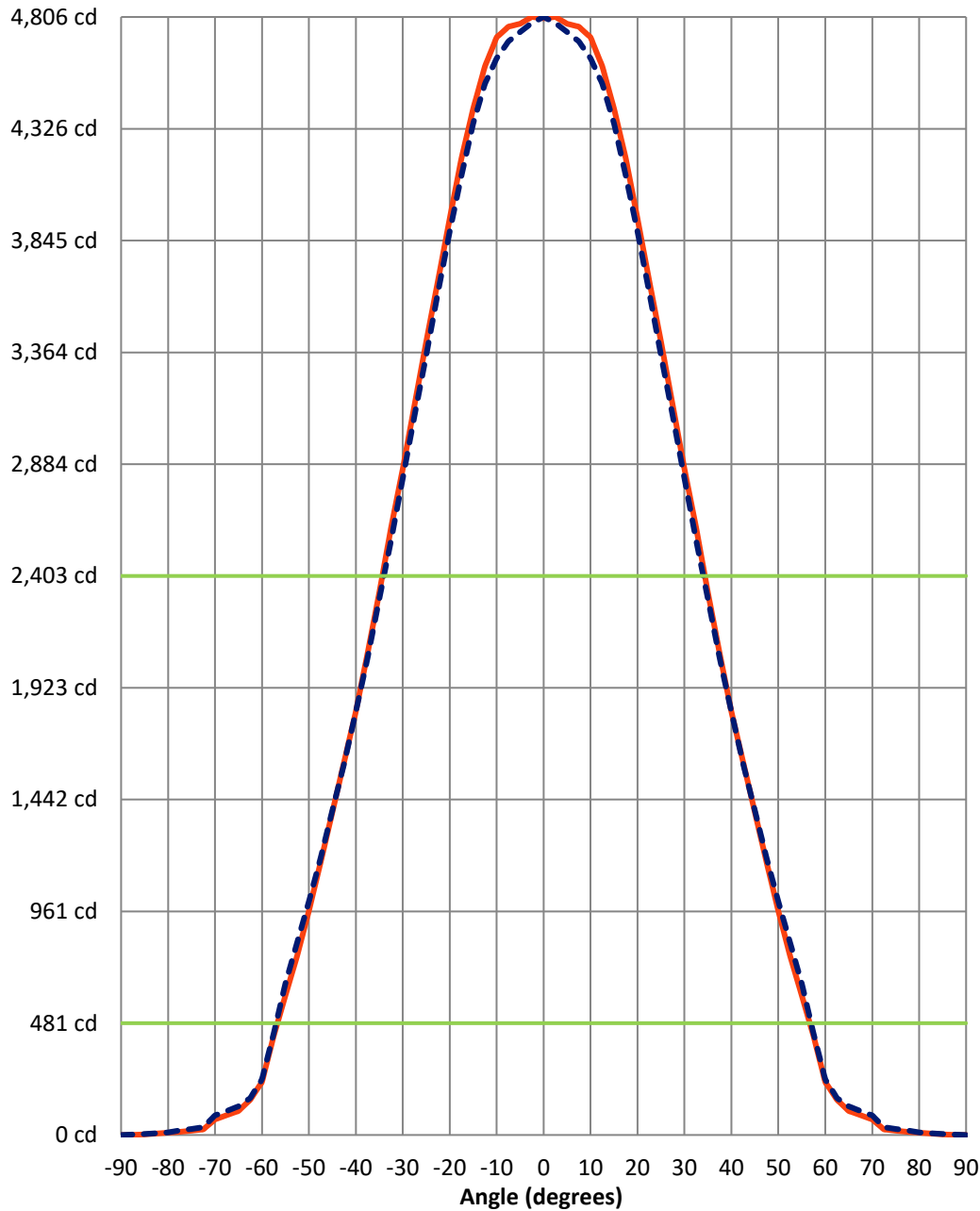
Luminous Intensity Polar Plot



— 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: 3900.3
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 6214.1
Efficiency: 95.5%

Spill:
Lumens: 291
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	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.8
85°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.3	1.5	1.6
82.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	2.0	2.8	3.5
80°	0.0	0.3	0.7	1.0	1.3	1.6	2.1	3.0	4.0	5.0	6.1
77.5°	0.0	0.4	0.8	1.2	1.6	2.2	3.4	4.7	5.9	7.2	9.0
75°	0.0	0.5	1.0	1.5	2.0	3.2	4.8	6.3	8.0	10.7	13.3
72.5°	0.0	0.6	1.1	1.7	2.7	4.1	6.1	8.3	11.4	14.5	17.6
70°	0.0	0.6	1.3	2.0	3.3	5.0	7.4	11.3	14.8	18.4	23.5
67.5°	0.0	0.7	1.5	2.3	3.8	5.9	9.7	14.2	18.2	23.5	29.5
65°	0.0	0.8	1.6	2.7	4.4	7.0	11.8	17.1	22.4	28.5	35.2
62.5°	0.0	0.9	1.8	3.0	4.9	8.4	13.8	20.3	26.4	33.4	40.7
60°	0.0	0.9	1.9	3.3	5.4	9.7	15.6	23.4	30.1	38.6	46.2
57.5°	0.0	1.0	2.1	3.6	6.2	10.9	17.5	26.2	34.7	43.8	50.8
55°	0.0	1.1	2.3	3.9	6.9	11.9	19.1	28.4	39.5	48.7	55.0
52.5°	0.0	1.2	2.4	4.1	7.5	12.8	20.5	31.6	44.3	52.5	59.2
50°	0.0	1.2	2.6	4.3	8.0	13.7	21.7	34.6	48.7	56.4	63.5
47.5°	0.0	1.3	2.7	4.6	8.4	14.4	22.8	37.2	52.1	60.1	67.7
45°	0.0	1.3	2.9	4.8	8.8	14.9	24.6	39.4	53.5	63.6	71.5
42.5°	0.0	1.4	3.0	5.0	9.0	15.2	26.1	40.7	54.5	66.8	75.8
40°	0.0	1.5	3.2	5.2	9.2	15.4	27.4	41.1	55.1	69.4	80.0
37.5°	0.0	1.5	3.3	5.5	9.3	15.4	28.3	41.3	55.7	70.6	84.1
35°	0.0	1.6	3.4	5.7	9.2	15.8	28.9	41.0	56.2	73.2	88.1
32.5°	0.0	1.6	3.5	5.9	9.1	16.2	29.0	40.5	56.8	76.4	92.2
30°	0.0	1.6	3.7	6.1	8.9	16.4	28.5	39.9	57.3	80.4	96.0
27.5°	0.0	1.7	3.8	6.3	9.1	16.4	27.7	40.0	58.8	84.9	99.6
25°	0.0	1.7	3.8	6.5	9.4	16.2	26.7	40.0	61.8	88.4	103.0
22.5°	0.0	1.8	3.9	6.7	9.6	16.2	25.5	39.9	65.0	91.1	107.4
20°	0.0	1.8	4.0	6.8	9.9	17.0	24.0	39.7	68.3	93.6	111.2
17.5°	0.0	1.8	4.1	7.0	10.1	17.6	23.8	39.3	71.6	95.8	114.6
15°	0.0	1.8	4.1	7.1	10.3	18.2	24.3	39.1	74.9	97.8	117.5
12.5°	0.0	1.9	4.2	7.2	10.5	18.7	24.7	38.9	77.8	99.4	119.9
10°	0.0	1.9	4.2	7.3	10.7	19.1	25.1	38.1	80.1	100.7	121.7
7.5°	0.0	1.9	4.3	7.3	10.8	19.4	25.4	36.9	82.0	101.8	122.7
5°	0.0	1.9	4.3	7.4	10.9	19.6	25.7	35.3	83.4	102.5	123.3
2.5°	0.0	1.9	4.3	7.4	11.0	19.8	25.9	33.5	84.1	103.0	123.4
0°	0.0	1.9	4.3	7.4	11.1	19.8	26.0	31.5	84.0	103.2	123.0
-2.5°	0.0	1.9	4.3	7.4	11.0	19.8	25.9	33.5	84.1	103.0	123.4
-5°	0.0	1.9	4.3	7.4	10.9	19.6	25.7	35.3	83.4	102.5	123.3
-7.5°	0.0	1.9	4.3	7.3	10.8	19.4	25.4	36.9	82.0	101.8	122.7
-10°	0.0	1.9	4.2	7.3	10.7	19.1	25.1	38.1	80.1	100.7	121.7
-12.5°	0.0	1.9	4.2	7.2	10.5	18.7	24.7	38.9	77.8	99.4	119.9
-15°	0.0	1.8	4.1	7.1	10.3	18.2	24.3	39.1	74.9	97.8	117.5
-17.5°	0.0	1.8	4.1	7.0	10.1	17.6	23.8	39.3	71.6	95.8	114.6
-20°	0.0	1.8	4.0	6.8	9.9	17.0	24.0	39.7	68.3	93.6	111.2



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 CATALOG NUMBER: GFLD-SA2B-930-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.8	3.9	6.7	9.6	16.2	25.5	39.9	65.0	91.1	107.4
-25°	0.0	1.7	3.8	6.5	9.4	16.2	26.7	40.0	61.8	88.4	103.0
-27.5°	0.0	1.7	3.8	6.3	9.1	16.4	27.7	40.0	58.8	84.9	99.6
-30°	0.0	1.6	3.7	6.1	8.9	16.4	28.5	39.9	57.3	80.4	96.0
-32.5°	0.0	1.6	3.5	5.9	9.1	16.2	29.0	40.5	56.8	76.4	92.2
-35°	0.0	1.6	3.4	5.7	9.2	15.8	28.9	41.0	56.2	73.2	88.1
-37.5°	0.0	1.5	3.3	5.5	9.3	15.4	28.3	41.3	55.7	70.6	84.1
-40°	0.0	1.5	3.2	5.2	9.2	15.4	27.4	41.1	55.1	69.4	80.0
-42.5°	0.0	1.4	3.0	5.0	9.0	15.2	26.1	40.7	54.5	66.8	75.8
-45°	0.0	1.3	2.9	4.8	8.8	14.9	24.6	39.4	53.5	63.6	71.5
-47.5°	0.0	1.3	2.7	4.6	8.4	14.4	22.8	37.2	52.1	60.1	67.7
-50°	0.0	1.2	2.6	4.3	8.0	13.7	21.7	34.6	48.7	56.4	63.5
-52.5°	0.0	1.2	2.4	4.1	7.5	12.8	20.5	31.6	44.3	52.5	59.2
-55°	0.0	1.1	2.3	3.9	6.9	11.9	19.1	28.4	39.5	48.7	55.0
-57.5°	0.0	1.0	2.1	3.6	6.2	10.9	17.5	26.2	34.7	43.8	50.8
-60°	0.0	0.9	1.9	3.3	5.4	9.7	15.6	23.4	30.1	38.6	46.2
-62.5°	0.0	0.9	1.8	3.0	4.9	8.4	13.8	20.3	26.4	33.4	40.7
-65°	0.0	0.8	1.6	2.7	4.4	7.0	11.8	17.1	22.4	28.5	35.2
-67.5°	0.0	0.7	1.5	2.3	3.8	5.9	9.7	14.2	18.2	23.5	29.5
-70°	0.0	0.6	1.3	2.0	3.3	5.0	7.4	11.3	14.8	18.4	23.5
-72.5°	0.0	0.6	1.1	1.7	2.7	4.1	6.1	8.3	11.4	14.5	17.6
-75°	0.0	0.5	1.0	1.5	2.0	3.2	4.8	6.3	8.0	10.7	13.3
-77.5°	0.0	0.4	0.8	1.2	1.6	2.2	3.4	4.7	5.9	7.2	9.0
-80°	0.0	0.3	0.7	1.0	1.3	1.6	2.1	3.0	4.0	5.0	6.1
-82.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	2.0	2.8	3.5
-85°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.3	1.5	1.6
-87.5°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.8
-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°	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.7	0.6
85°	1.6	1.6	1.7	1.9	2.1	2.2	2.2	2.2	2.5	2.9	3.3
82.5°	3.9	4.2	4.4	4.4	4.5	4.4	4.4	4.4	5.4	6.7	8.1
80°	6.6	6.9	7.9	9.0	9.6	9.6	9.1	8.1	9.6	12.0	14.9
77.5°	10.7	12.3	14.0	15.7	16.0	15.2	13.9	12.0	14.2	18.4	23.2
75°	15.6	17.7	20.2	22.0	22.0	20.7	19.0	18.6	22.2	27.4	31.6
72.5°	21.3	24.4	26.8	28.4	28.2	28.0	28.7	30.2	33.2	36.9	40.2
70°	28.2	31.4	33.1	33.9	34.2	36.0	38.5	40.4	42.5	46.2	49.7
67.5°	35.1	37.5	39.0	40.1	43.0	46.3	48.8	51.2	53.8	57.6	60.7
65°	41.2	43.7	45.8	49.0	53.3	56.4	59.4	62.6	67.1	71.3	73.9
62.5°	47.1	49.8	53.1	57.4	62.0	66.0	70.9	76.5	82.4	86.7	91.7
60°	51.8	55.5	60.2	65.4	70.8	77.2	83.6	90.2	96.2	102.0	109.4
57.5°	56.2	61.6	67.4	73.4	80.6	88.7	96.5	103.5	111.1	119.2	127.6
55°	61.0	68.0	74.5	81.7	90.5	100.7	109.4	117.8	126.8	140.5	152.5
52.5°	66.3	74.1	81.3	90.2	101.1	112.1	121.9	133.7	148.8	169.2	202.2
50°	71.3	79.6	88.1	99.6	111.4	123.0	137.2	153.6	183.9	221.8	288.3
47.5°	76.2	85.1	96.4	108.8	121.6	136.8	154.9	190.7	232.0	326.6	420.8
45°	81.2	91.7	104.2	118.2	133.5	152.6	190.1	234.3	346.6	455.4	568.7
42.5°	85.9	98.3	112.5	127.5	147.5	182.1	230.4	347.1	468.7	593.7	702.4
40°	91.4	104.5	120.9	139.9	166.4	218.9	327.3	458.7	595.8	713.8	819.6
37.5°	96.6	112.0	129.9	152.0	199.5	287.2	426.8	572.6	705.3	820.6	933.7
35°	101.3	119.3	140.6	173.8	232.1	376.4	527.8	676.1	802.9	926.1	1049.7
32.5°	106.8	126.3	150.9	202.6	306.6	462.6	623.7	764.9	897.8	1029.1	1170.3
30°	112.9	135.0	165.2	230.1	380.5	546.3	705.9	850.2	988.0	1133.8	1285.0
27.5°	118.7	143.4	189.0	283.5	449.9	624.5	780.7	929.2	1077.1	1232.3	1395.2
25°	123.9	151.4	211.3	342.0	516.9	691.2	849.6	1000.7	1160.3	1329.1	1500.5
22.5°	129.5	159.2	231.4	395.3	578.2	750.5	910.4	1070.6	1239.5	1418.4	1597.2
20°	135.6	175.8	264.4	444.5	634.0	804.5	964.9	1135.5	1313.7	1498.9	1687.8
17.5°	141.1	190.6	304.0	491.2	680.8	851.4	1014.0	1194.3	1378.2	1571.8	1770.7
15°	146.1	203.3	338.8	532.5	720.5	891.2	1061.9	1246.5	1435.5	1637.2	1843.7
12.5°	150.5	214.1	368.7	568.2	754.1	925.3	1102.1	1290.5	1486.5	1694.3	1909.6
10°	154.2	222.9	393.6	598.0	781.4	953.4	1134.4	1327.2	1527.2	1740.3	1962.6
7.5°	156.6	230.1	413.3	621.8	802.4	975.4	1158.8	1356.1	1556.9	1776.2	2002.8
5°	158.1	236.0	427.5	639.5	817.8	992.0	1176.3	1376.8	1576.0	1801.4	2029.8
2.5°	158.9	240.1	436.2	650.8	827.4	1003.7	1190.9	1395.0	1596.0	1819.4	2050.7
0°	158.8	242.2	439.3	655.6	831.0	1009.0	1198.1	1404.4	1608.9	1827.1	2064.9
-2.5°	158.9	240.1	436.2	650.8	827.4	1003.7	1190.9	1395.0	1596.0	1819.4	2050.7
-5°	158.1	236.0	427.5	639.5	817.8	992.0	1176.3	1376.8	1576.0	1801.4	2029.8
-7.5°	156.6	230.1	413.3	621.8	802.4	975.4	1158.8	1356.1	1556.9	1776.2	2002.8
-10°	154.2	222.9	393.6	598.0	781.4	953.4	1134.4	1327.2	1527.2	1740.3	1962.6
-12.5°	150.5	214.1	368.7	568.2	754.1	925.3	1102.1	1290.5	1486.5	1694.3	1909.6
-15°	146.1	203.3	338.8	532.5	720.5	891.2	1061.9	1246.5	1435.5	1637.2	1843.7
-17.5°	141.1	190.6	304.0	491.2	680.8	851.4	1014.0	1194.3	1378.2	1571.8	1770.7
-20°	135.6	175.8	264.4	444.5	634.0	804.5	964.9	1135.5	1313.7	1498.9	1687.8



REPORT NUMBER: P558635 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	129.5	159.2	231.4	395.3	578.2	750.5	910.4	1070.6	1239.5	1418.4	1597.2
-25°	123.9	151.4	211.3	342.0	516.9	691.2	849.6	1000.7	1160.3	1329.1	1500.5
-27.5°	118.7	143.4	189.0	283.5	449.9	624.5	780.7	929.2	1077.1	1232.3	1395.2
-30°	112.9	135.0	165.2	230.1	380.5	546.3	705.9	850.2	988.0	1133.8	1285.0
-32.5°	106.8	126.3	150.9	202.6	306.6	462.6	623.7	764.9	897.8	1029.1	1170.3
-35°	101.3	119.3	140.6	173.8	232.1	376.4	527.8	676.1	802.9	926.1	1049.7
-37.5°	96.6	112.0	129.9	152.0	199.5	287.2	426.8	572.6	705.3	820.6	933.7
-40°	91.4	104.5	120.9	139.9	166.4	218.9	327.3	458.7	595.8	713.8	819.6
-42.5°	85.9	98.3	112.5	127.5	147.5	182.1	230.4	347.1	468.7	593.7	702.4
-45°	81.2	91.7	104.2	118.2	133.5	152.6	190.1	234.3	346.6	455.4	568.7
-47.5°	76.2	85.1	96.4	108.8	121.6	136.8	154.9	190.7	232.0	326.6	420.8
-50°	71.3	79.6	88.1	99.6	111.4	123.0	137.2	153.6	183.9	221.8	288.3
-52.5°	66.3	74.1	81.3	90.2	101.1	112.1	121.9	133.7	148.8	169.2	202.2
-55°	61.0	68.0	74.5	81.7	90.5	100.7	109.4	117.8	126.8	140.5	152.5
-57.5°	56.2	61.6	67.4	73.4	80.6	88.7	96.5	103.5	111.1	119.2	127.6
-60°	51.8	55.5	60.2	65.4	70.8	77.2	83.6	90.2	96.2	102.0	109.4
-62.5°	47.1	49.8	53.1	57.4	62.0	66.0	70.9	76.5	82.4	86.7	91.7
-65°	41.2	43.7	45.8	49.0	53.3	56.4	59.4	62.6	67.1	71.3	73.9
-67.5°	35.1	37.5	39.0	40.1	43.0	46.3	48.8	51.2	53.8	57.6	60.7
-70°	28.2	31.4	33.1	33.9	34.2	36.0	38.5	40.4	42.5	46.2	49.7
-72.5°	21.3	24.4	26.8	28.4	28.2	28.0	28.7	30.2	33.2	36.9	40.2
-75°	15.6	17.7	20.2	22.0	22.0	20.7	19.0	18.6	22.2	27.4	31.6
-77.5°	10.7	12.3	14.0	15.7	16.0	15.2	13.9	12.0	14.2	18.4	23.2
-80°	6.6	6.9	7.9	9.0	9.6	9.6	9.1	8.1	9.6	12.0	14.9
-82.5°	3.9	4.2	4.4	4.4	4.5	4.4	4.4	4.4	5.4	6.7	8.1
-85°	1.6	1.6	1.7	1.9	2.1	2.2	2.2	2.2	2.5	2.9	3.3
-87.5°	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.7	0.6
-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: P558635 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
85°	3.8	3.7	3.6	3.4	3.1	3.2	3.3	3.4	3.5	3.3	3.0
82.5°	9.7	10.4	11.1	11.8	12.6	12.5	12.1	11.6	10.9	9.8	8.4
80°	18.1	19.8	21.0	21.9	22.7	22.0	20.9	19.7	18.3	16.3	14.1
77.5°	28.2	29.9	30.8	31.9	33.0	33.3	33.3	33.5	33.6	29.8	25.0
75°	35.0	37.3	39.1	40.8	42.2	43.0	43.4	43.9	44.3	39.3	32.7
72.5°	43.0	45.2	47.0	48.8	50.4	51.6	52.5	53.3	53.8	49.8	44.0
70°	52.4	54.6	56.7	58.5	60.3	61.9	63.4	64.7	66.0	66.2	66.5
67.5°	63.0	64.3	66.7	69.0	71.8	73.8	76.1	78.2	80.2	81.9	83.2
65°	76.1	80.8	85.5	87.8	88.0	91.0	95.6	98.2	98.9	99.5	100.9
62.5°	98.1	104.2	107.3	111.5	117.2	123.4	125.7	129.1	133.3	138.0	142.2
60°	115.6	120.8	128.4	136.2	143.1	149.4	164.6	178.1	189.7	199.7	209.3
57.5°	137.3	145.8	157.5	178.6	197.8	215.2	245.0	281.4	313.8	342.1	367.0
55°	171.9	196.6	218.7	268.4	321.6	367.6	410.6	456.6	494.1	523.4	550.5
52.5°	230.9	298.6	367.3	431.8	495.3	553.1	605.0	645.8	677.6	701.5	724.2
50°	369.7	451.3	534.9	611.9	674.3	731.3	785.2	825.7	859.6	888.8	914.6
47.5°	521.0	616.5	695.5	766.5	833.8	897.0	956.0	1005.3	1047.0	1085.5	1117.5
45°	671.5	757.0	838.0	914.2	987.3	1058.2	1121.7	1177.7	1232.9	1278.5	1314.6
42.5°	798.8	889.3	975.5	1062.7	1144.4	1223.9	1300.7	1368.8	1427.4	1477.3	1517.4
40°	921.0	1018.6	1120.9	1217.7	1314.8	1405.5	1490.5	1568.3	1635.1	1694.1	1744.1
37.5°	1045.4	1159.3	1271.7	1382.0	1489.0	1587.6	1685.2	1775.0	1853.3	1922.3	1980.3
35°	1176.6	1302.1	1424.5	1548.8	1665.6	1779.8	1887.6	1986.4	2073.1	2154.4	2224.4
32.5°	1308.1	1444.1	1581.9	1716.4	1845.8	1973.7	2091.9	2203.3	2305.7	2395.8	2470.5
30°	1436.2	1585.9	1733.3	1879.9	2027.5	2166.8	2297.8	2420.1	2531.3	2629.4	2714.2
27.5°	1559.0	1719.9	1878.1	2045.6	2206.2	2357.7	2500.0	2631.5	2755.6	2867.2	2963.4
25°	1672.6	1843.6	2027.9	2203.7	2375.5	2543.5	2699.4	2842.2	2984.1	3106.8	3211.4
22.5°	1780.0	1970.8	2164.9	2349.2	2538.7	2723.5	2898.0	3063.6	3215.1	3343.7	3455.2
20°	1882.2	2087.5	2287.4	2491.5	2696.7	2896.1	3088.3	3265.2	3425.3	3565.5	3691.2
17.5°	1978.7	2191.1	2403.6	2621.5	2843.1	3052.7	3256.3	3448.8	3623.6	3779.0	3920.8
15°	2062.1	2281.6	2509.1	2740.8	2972.5	3195.3	3411.5	3621.2	3817.8	3987.0	4130.0
12.5°	2133.0	2361.7	2602.4	2845.4	3089.7	3323.2	3552.3	3776.7	3985.7	4167.7	4314.4
10°	2191.8	2431.4	2682.8	2935.9	3186.5	3429.2	3667.4	3899.6	4124.1	4312.7	4463.5
7.5°	2240.8	2489.6	2746.8	3007.6	3260.4	3512.5	3760.9	3995.4	4216.6	4415.5	4570.4
5°	2277.4	2530.4	2793.0	3060.3	3317.0	3578.0	3833.9	4073.9	4292.9	4473.1	4599.5
2.5°	2304.7	2555.7	2823.0	3092.1	3352.2	3622.6	3883.9	4124.2	4348.3	4518.9	4628.4
0°	2323.2	2569.7	2850.3	3114.1	3378.5	3656.0	3914.2	4157.1	4382.0	4548.8	4661.9
-2.5°	2304.7	2555.7	2823.0	3092.1	3352.2	3622.6	3883.9	4124.2	4348.3	4518.9	4628.4
-5°	2277.4	2530.4	2793.0	3060.3	3317.0	3578.0	3833.9	4073.9	4292.9	4473.1	4599.5
-7.5°	2240.8	2489.6	2746.8	3007.6	3260.4	3512.5	3760.9	3995.4	4216.6	4415.5	4570.4
-10°	2191.8	2431.4	2682.8	2935.9	3186.5	3429.2	3667.4	3899.6	4124.1	4312.7	4463.5
-12.5°	2133.0	2361.7	2602.4	2845.4	3089.7	3323.2	3552.3	3776.7	3985.7	4167.7	4314.4
-15°	2062.1	2281.6	2509.1	2740.8	2972.5	3195.3	3411.5	3621.2	3817.8	3987.0	4130.0
-17.5°	1978.7	2191.1	2403.6	2621.5	2843.1	3052.7	3256.3	3448.8	3623.6	3779.0	3920.8
-20°	1882.2	2087.5	2287.4	2491.5	2696.7	2896.1	3088.3	3265.2	3425.3	3565.5	3691.2



REPORT NUMBER: P558635 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-930-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1780.0	1970.8	2164.9	2349.2	2538.7	2723.5	2898.0	3063.6	3215.1	3343.7	3455.2
-25°	1672.6	1843.6	2027.9	2203.7	2375.5	2543.5	2699.4	2842.2	2984.1	3106.8	3211.4
-27.5°	1559.0	1719.9	1878.1	2045.6	2206.2	2357.7	2500.0	2631.5	2755.6	2867.2	2963.4
-30°	1436.2	1585.9	1733.3	1879.9	2027.5	2166.8	2297.8	2420.1	2531.3	2629.4	2714.2
-32.5°	1308.1	1444.1	1581.9	1716.4	1845.8	1973.7	2091.9	2203.3	2305.7	2395.8	2470.5
-35°	1176.6	1302.1	1424.5	1548.8	1665.6	1779.8	1887.6	1986.4	2073.1	2154.4	2224.4
-37.5°	1045.4	1159.3	1271.7	1382.0	1489.0	1587.6	1685.2	1775.0	1853.3	1922.3	1980.3
-40°	921.0	1018.6	1120.9	1217.7	1314.8	1405.5	1490.5	1568.3	1635.1	1694.1	1744.1
-42.5°	798.8	889.3	975.5	1062.7	1144.4	1223.9	1300.7	1368.8	1427.4	1477.3	1517.4
-45°	671.5	757.0	838.0	914.2	987.3	1058.2	1121.7	1177.7	1232.9	1278.5	1314.6
-47.5°	521.0	616.5	695.5	766.5	833.8	897.0	956.0	1005.3	1047.0	1085.5	1117.5
-50°	369.7	451.3	534.9	611.9	674.3	731.3	785.2	825.7	859.6	888.8	914.6
-52.5°	230.9	298.6	367.3	431.8	495.3	553.1	605.0	645.8	677.6	701.5	724.2
-55°	171.9	196.6	218.7	268.4	321.6	367.6	410.6	456.6	494.1	523.4	550.5
-57.5°	137.3	145.8	157.5	178.6	197.8	215.2	245.0	281.4	313.8	342.1	367.0
-60°	115.6	120.8	128.4	136.2	143.1	149.4	164.6	178.1	189.7	199.7	209.3
-62.5°	98.1	104.2	107.3	111.5	117.2	123.4	125.7	129.1	133.3	138.0	142.2
-65°	76.1	80.8	85.5	87.8	88.0	91.0	95.6	98.2	98.9	99.5	100.9
-67.5°	63.0	64.3	66.7	69.0	71.8	73.8	76.1	78.2	80.2	81.9	83.2
-70°	52.4	54.6	56.7	58.5	60.3	61.9	63.4	64.7	66.0	66.2	66.5
-72.5°	43.0	45.2	47.0	48.8	50.4	51.6	52.5	53.3	53.8	49.8	44.0
-75°	35.0	37.3	39.1	40.8	42.2	43.0	43.4	43.9	44.3	39.3	32.7
-77.5°	28.2	29.9	30.8	31.9	33.0	33.3	33.3	33.5	33.6	29.8	25.0
-80°	18.1	19.8	21.0	21.9	22.7	22.0	20.9	19.7	18.3	16.3	14.1
-82.5°	9.7	10.4	11.1	11.8	12.6	12.5	12.1	11.6	10.9	9.8	8.4
-85°	3.8	3.7	3.6	3.4	3.1	3.2	3.3	3.4	3.5	3.3	3.0
-87.5°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
-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: P558635 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-930-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
85°	2.8	2.5	2.5	2.5	2.5	2.5	2.8	3.0	3.3	3.5	3.4
82.5°	7.1	5.6	5.9	6.2	5.9	5.6	7.1	8.4	9.8	10.9	11.6
80°	11.7	9.3	9.6	9.9	9.6	9.3	11.7	14.1	16.3	18.3	19.7
77.5°	19.8	14.4	13.9	13.6	13.9	14.4	19.8	25.0	29.8	33.6	33.5
75°	25.9	18.9	18.5	18.5	18.5	18.9	25.9	32.7	39.3	44.3	43.9
72.5°	38.2	32.3	28.2	24.1	28.2	32.3	38.2	44.0	49.8	53.8	53.3
70°	67.2	68.1	67.7	66.7	67.7	68.1	67.2	66.5	66.2	66.0	64.7
67.5°	84.4	85.3	85.5	85.3	85.5	85.3	84.4	83.2	81.9	80.2	78.2
65°	102.0	102.6	103.0	103.2	103.0	102.6	102.0	100.9	99.5	98.9	98.2
62.5°	145.4	147.5	149.8	151.4	149.8	147.5	145.4	142.2	138.0	133.3	129.1
60°	217.7	224.6	227.7	228.0	227.7	224.6	217.7	209.3	199.7	189.7	178.1
57.5°	386.9	401.8	415.1	425.1	415.1	401.8	386.9	367.0	342.1	313.8	281.4
55°	572.1	588.0	596.9	599.3	596.9	588.0	572.1	550.5	523.4	494.1	456.6
52.5°	741.3	751.9	761.9	770.5	761.9	751.9	741.3	724.2	701.5	677.6	645.8
50°	934.0	945.8	955.7	963.3	955.7	945.8	934.0	914.6	888.8	859.6	825.7
47.5°	1140.0	1154.4	1165.0	1172.1	1165.0	1154.4	1140.0	1117.5	1085.5	1047.0	1005.3
45°	1345.5	1370.1	1385.1	1387.7	1385.1	1370.1	1345.5	1314.6	1278.5	1232.9	1177.7
42.5°	1552.1	1575.7	1591.6	1603.4	1591.6	1575.7	1552.1	1517.4	1477.3	1427.4	1368.8
40°	1785.7	1815.3	1828.9	1820.3	1828.9	1815.3	1785.7	1744.1	1694.1	1635.1	1568.3
37.5°	2025.0	2055.5	2071.3	2070.5	2071.3	2055.5	2025.0	1980.3	1922.3	1853.3	1775.0
35°	2278.8	2316.6	2337.0	2331.9	2337.0	2316.6	2278.8	2224.4	2154.4	2073.1	1986.4
32.5°	2530.1	2575.8	2605.3	2609.9	2605.3	2575.8	2530.1	2470.5	2395.8	2305.7	2203.3
30°	2782.2	2831.6	2860.9	2863.8	2860.9	2831.6	2782.2	2714.2	2629.4	2531.3	2420.1
27.5°	3044.2	3099.5	3130.2	3137.6	3130.2	3099.5	3044.2	2963.4	2867.2	2755.6	2631.5
25°	3300.6	3361.9	3397.1	3410.7	3397.1	3361.9	3300.6	3211.4	3106.8	2984.1	2842.2
22.5°	3547.8	3615.0	3661.0	3672.6	3661.0	3615.0	3547.8	3455.2	3343.7	3215.1	3063.6
20°	3795.6	3875.0	3933.8	3939.6	3933.8	3875.0	3795.6	3691.2	3565.5	3425.3	3265.2
17.5°	4034.3	4120.2	4183.1	4198.5	4183.1	4120.2	4034.3	3920.8	3779.0	3623.6	3448.8
15°	4248.0	4338.2	4398.9	4412.2	4398.9	4338.2	4248.0	4130.0	3987.0	3817.8	3621.2
12.5°	4432.4	4515.5	4572.2	4593.9	4572.2	4515.5	4432.4	4314.4	4167.7	3985.7	3776.7
10°	4581.0	4645.1	4695.9	4718.7	4695.9	4645.1	4581.0	4463.5	4312.7	4124.1	3899.6
7.5°	4663.9	4716.8	4751.8	4764.4	4751.8	4716.8	4663.9	4570.4	4415.5	4216.6	3995.4
5°	4696.7	4747.3	4766.3	4777.4	4766.3	4747.3	4696.7	4599.5	4473.1	4292.9	4073.9
2.5°	4701.2	4741.7	4780.8	4806.4	4780.8	4741.7	4701.2	4628.4	4518.9	4348.3	4124.2
0°	4727.4	4766.9	4788.5	4800.9	4788.5	4766.9	4727.4	4661.9	4548.8	4382.0	4157.1
-2.5°	4701.2	4741.7	4780.8	4806.4	4780.8	4741.7	4701.2	4628.4	4518.9	4348.3	4124.2
-5°	4696.7	4747.3	4766.3	4777.4	4766.3	4747.3	4696.7	4599.5	4473.1	4292.9	4073.9
-7.5°	4663.9	4716.8	4751.8	4764.4	4751.8	4716.8	4663.9	4570.4	4415.5	4216.6	3995.4
-10°	4581.0	4645.1	4695.9	4718.7	4695.9	4645.1	4581.0	4463.5	4312.7	4124.1	3899.6
-12.5°	4432.4	4515.5	4572.2	4593.9	4572.2	4515.5	4432.4	4314.4	4167.7	3985.7	3776.7
-15°	4248.0	4338.2	4398.9	4412.2	4398.9	4338.2	4248.0	4130.0	3987.0	3817.8	3621.2
-17.5°	4034.3	4120.2	4183.1	4198.5	4183.1	4120.2	4034.3	3920.8	3779.0	3623.6	3448.8
-20°	3795.6	3875.0	3933.8	3939.6	3933.8	3875.0	3795.6	3691.2	3565.5	3425.3	3265.2



REPORT NUMBER: P558635 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-930-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°	3547.8	3615.0	3661.0	3672.6	3661.0	3615.0	3547.8	3455.2	3343.7	3215.1	3063.6
-25°	3300.6	3361.9	3397.1	3410.7	3397.1	3361.9	3300.6	3211.4	3106.8	2984.1	2842.2
-27.5°	3044.2	3099.5	3130.2	3137.6	3130.2	3099.5	3044.2	2963.4	2867.2	2755.6	2631.5
-30°	2782.2	2831.6	2860.9	2863.8	2860.9	2831.6	2782.2	2714.2	2629.4	2531.3	2420.1
-32.5°	2530.1	2575.8	2605.3	2609.9	2605.3	2575.8	2530.1	2470.5	2395.8	2305.7	2203.3
-35°	2278.8	2316.6	2337.0	2331.9	2337.0	2316.6	2278.8	2224.4	2154.4	2073.1	1986.4
-37.5°	2025.0	2055.5	2071.3	2070.5	2071.3	2055.5	2025.0	1980.3	1922.3	1853.3	1775.0
-40°	1785.7	1815.3	1828.9	1820.3	1828.9	1815.3	1785.7	1744.1	1694.1	1635.1	1568.3
-42.5°	1552.1	1575.7	1591.6	1603.4	1591.6	1575.7	1552.1	1517.4	1477.3	1427.4	1368.8
-45°	1345.5	1370.1	1385.1	1387.7	1385.1	1370.1	1345.5	1314.6	1278.5	1232.9	1177.7
-47.5°	1140.0	1154.4	1165.0	1172.1	1165.0	1154.4	1140.0	1117.5	1085.5	1047.0	1005.3
-50°	934.0	945.8	955.7	963.3	955.7	945.8	934.0	914.6	888.8	859.6	825.7
-52.5°	741.3	751.9	761.9	770.5	761.9	751.9	741.3	724.2	701.5	677.6	645.8
-55°	572.1	588.0	596.9	599.3	596.9	588.0	572.1	550.5	523.4	494.1	456.6
-57.5°	386.9	401.8	415.1	425.1	415.1	401.8	386.9	367.0	342.1	313.8	281.4
-60°	217.7	224.6	227.7	228.0	227.7	224.6	217.7	209.3	199.7	189.7	178.1
-62.5°	145.4	147.5	149.8	151.4	149.8	147.5	145.4	142.2	138.0	133.3	129.1
-65°	102.0	102.6	103.0	103.2	103.0	102.6	102.0	100.9	99.5	98.9	98.2
-67.5°	84.4	85.3	85.5	85.3	85.5	85.3	84.4	83.2	81.9	80.2	78.2
-70°	67.2	68.1	67.7	66.7	67.7	68.1	67.2	66.5	66.2	66.0	64.7
-72.5°	38.2	32.3	28.2	24.1	28.2	32.3	38.2	44.0	49.8	53.8	53.3
-75°	25.9	18.9	18.5	18.5	18.5	18.9	25.9	32.7	39.3	44.3	43.9
-77.5°	19.8	14.4	13.9	13.6	13.9	14.4	19.8	25.0	29.8	33.6	33.5
-80°	11.7	9.3	9.6	9.9	9.6	9.3	11.7	14.1	16.3	18.3	19.7
-82.5°	7.1	5.6	5.9	6.2	5.9	5.6	7.1	8.4	9.8	10.9	11.6
-85°	2.8	2.5	2.5	2.5	2.5	2.5	2.8	3.0	3.3	3.5	3.4
-87.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
-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):

	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°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.7	0.8	0.8
85°	3.3	3.2	3.1	3.4	3.6	3.7	3.8	3.3	2.9	2.5	2.2
82.5°	12.1	12.5	12.6	11.8	11.1	10.4	9.7	8.1	6.7	5.4	4.4
80°	20.9	22.0	22.7	21.9	21.0	19.8	18.1	14.9	12.0	9.6	8.1
77.5°	33.3	33.3	33.0	31.9	30.8	29.9	28.2	23.2	18.4	14.2	12.0
75°	43.4	43.0	42.2	40.8	39.1	37.3	35.0	31.6	27.4	22.2	18.6
72.5°	52.5	51.6	50.4	48.8	47.0	45.2	43.0	40.2	36.9	33.2	30.2
70°	63.4	61.9	60.3	58.5	56.7	54.6	52.4	49.7	46.2	42.5	40.4
67.5°	76.1	73.8	71.8	69.0	66.7	64.3	63.0	60.7	57.6	53.8	51.2
65°	95.6	91.0	88.0	87.8	85.5	80.8	76.1	73.9	71.3	67.1	62.6
62.5°	125.7	123.4	117.2	111.5	107.3	104.2	98.1	91.7	86.7	82.4	76.5
60°	164.6	149.4	143.1	136.2	128.4	120.8	115.6	109.4	102.0	96.2	90.2
57.5°	245.0	215.2	197.8	178.6	157.5	145.8	137.3	127.6	119.2	111.1	103.5
55°	410.6	367.6	321.6	268.4	218.7	196.6	171.9	152.5	140.5	126.8	117.8
52.5°	605.0	553.1	495.3	431.8	367.3	298.6	230.9	202.2	169.2	148.8	133.7
50°	785.2	731.3	674.3	611.9	534.9	451.3	369.7	288.3	221.8	183.9	153.6
47.5°	956.0	897.0	833.8	766.5	695.5	616.5	521.0	420.8	326.6	232.0	190.7
45°	1121.7	1058.2	987.3	914.2	838.0	757.0	671.5	568.7	455.4	346.6	234.3
42.5°	1300.7	1223.9	1144.4	1062.7	975.5	889.3	798.8	702.4	593.7	468.7	347.1
40°	1490.5	1405.5	1314.8	1217.7	1120.9	1018.6	921.0	819.6	713.8	595.8	458.7
37.5°	1685.2	1587.6	1489.0	1382.0	1271.7	1159.3	1045.4	933.7	820.6	705.3	572.6
35°	1887.6	1779.8	1665.6	1548.8	1424.5	1302.1	1176.6	1049.7	926.1	802.9	676.1
32.5°	2091.9	1973.7	1845.8	1716.4	1581.9	1444.1	1308.1	1170.3	1029.1	897.8	764.9
30°	2297.8	2166.8	2027.5	1879.9	1733.3	1585.9	1436.2	1285.0	1133.8	988.0	850.2
27.5°	2500.0	2357.7	2206.2	2045.6	1878.1	1719.9	1559.0	1395.2	1232.3	1077.1	929.2
25°	2699.4	2543.5	2375.5	2203.7	2027.9	1843.6	1672.6	1500.5	1329.1	1160.3	1000.7
22.5°	2898.0	2723.5	2538.7	2349.2	2164.9	1970.8	1780.0	1597.2	1418.4	1239.5	1070.6
20°	3088.3	2896.1	2696.7	2491.5	2287.4	2087.5	1882.2	1687.8	1498.9	1313.7	1135.5
17.5°	3256.3	3052.7	2843.1	2621.5	2403.6	2191.1	1978.7	1770.7	1571.8	1378.2	1194.3
15°	3411.5	3195.3	2972.5	2740.8	2509.1	2281.6	2062.1	1843.7	1637.2	1435.5	1246.5
12.5°	3552.3	3323.2	3089.7	2845.4	2602.4	2361.7	2133.0	1909.6	1694.3	1486.5	1290.5
10°	3667.4	3429.2	3186.5	2935.9	2682.8	2431.4	2191.8	1962.6	1740.3	1527.2	1327.2
7.5°	3760.9	3512.5	3260.4	3007.6	2746.8	2489.6	2240.8	2002.8	1776.2	1556.9	1356.1
5°	3833.9	3578.0	3317.0	3060.3	2793.0	2530.4	2277.4	2029.8	1801.4	1576.0	1376.8
2.5°	3883.9	3622.6	3352.2	3092.1	2823.0	2555.7	2304.7	2050.7	1819.4	1596.0	1395.0
0°	3914.2	3656.0	3378.5	3114.1	2850.3	2569.7	2323.2	2064.9	1827.1	1608.9	1404.4
-2.5°	3883.9	3622.6	3352.2	3092.1	2823.0	2555.7	2304.7	2050.7	1819.4	1596.0	1395.0
-5°	3833.9	3578.0	3317.0	3060.3	2793.0	2530.4	2277.4	2029.8	1801.4	1576.0	1376.8
-7.5°	3760.9	3512.5	3260.4	3007.6	2746.8	2489.6	2240.8	2002.8	1776.2	1556.9	1356.1
-10°	3667.4	3429.2	3186.5	2935.9	2682.8	2431.4	2191.8	1962.6	1740.3	1527.2	1327.2
-12.5°	3552.3	3323.2	3089.7	2845.4	2602.4	2361.7	2133.0	1909.6	1694.3	1486.5	1290.5
-15°	3411.5	3195.3	2972.5	2740.8	2509.1	2281.6	2062.1	1843.7	1637.2	1435.5	1246.5
-17.5°	3256.3	3052.7	2843.1	2621.5	2403.6	2191.1	1978.7	1770.7	1571.8	1378.2	1194.3
-20°	3088.3	2896.1	2696.7	2491.5	2287.4	2087.5	1882.2	1687.8	1498.9	1313.7	1135.5



REPORT NUMBER: P558635 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-930-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2898.0	2723.5	2538.7	2349.2	2164.9	1970.8	1780.0	1597.2	1418.4	1239.5	1070.6
-25°	2699.4	2543.5	2375.5	2203.7	2027.9	1843.6	1672.6	1500.5	1329.1	1160.3	1000.7
-27.5°	2500.0	2357.7	2206.2	2045.6	1878.1	1719.9	1559.0	1395.2	1232.3	1077.1	929.2
-30°	2297.8	2166.8	2027.5	1879.9	1733.3	1585.9	1436.2	1285.0	1133.8	988.0	850.2
-32.5°	2091.9	1973.7	1845.8	1716.4	1581.9	1444.1	1308.1	1170.3	1029.1	897.8	764.9
-35°	1887.6	1779.8	1665.6	1548.8	1424.5	1302.1	1176.6	1049.7	926.1	802.9	676.1
-37.5°	1685.2	1587.6	1489.0	1382.0	1271.7	1159.3	1045.4	933.7	820.6	705.3	572.6
-40°	1490.5	1405.5	1314.8	1217.7	1120.9	1018.6	921.0	819.6	713.8	595.8	458.7
-42.5°	1300.7	1223.9	1144.4	1062.7	975.5	889.3	798.8	702.4	593.7	468.7	347.1
-45°	1121.7	1058.2	987.3	914.2	838.0	757.0	671.5	568.7	455.4	346.6	234.3
-47.5°	956.0	897.0	833.8	766.5	695.5	616.5	521.0	420.8	326.6	232.0	190.7
-50°	785.2	731.3	674.3	611.9	534.9	451.3	369.7	288.3	221.8	183.9	153.6
-52.5°	605.0	553.1	495.3	431.8	367.3	298.6	230.9	202.2	169.2	148.8	133.7
-55°	410.6	367.6	321.6	268.4	218.7	196.6	171.9	152.5	140.5	126.8	117.8
-57.5°	245.0	215.2	197.8	178.6	157.5	145.8	137.3	127.6	119.2	111.1	103.5
-60°	164.6	149.4	143.1	136.2	128.4	120.8	115.6	109.4	102.0	96.2	90.2
-62.5°	125.7	123.4	117.2	111.5	107.3	104.2	98.1	91.7	86.7	82.4	76.5
-65°	95.6	91.0	88.0	87.8	85.5	80.8	76.1	73.9	71.3	67.1	62.6
-67.5°	76.1	73.8	71.8	69.0	66.7	64.3	63.0	60.7	57.6	53.8	51.2
-70°	63.4	61.9	60.3	58.5	56.7	54.6	52.4	49.7	46.2	42.5	40.4
-72.5°	52.5	51.6	50.4	48.8	47.0	45.2	43.0	40.2	36.9	33.2	30.2
-75°	43.4	43.0	42.2	40.8	39.1	37.3	35.0	31.6	27.4	22.2	18.6
-77.5°	33.3	33.3	33.0	31.9	30.8	29.9	28.2	23.2	18.4	14.2	12.0
-80°	20.9	22.0	22.7	21.9	21.0	19.8	18.1	14.9	12.0	9.6	8.1
-82.5°	12.1	12.5	12.6	11.8	11.1	10.4	9.7	8.1	6.7	5.4	4.4
-85°	3.3	3.2	3.1	3.4	3.6	3.7	3.8	3.3	2.9	2.5	2.2
-87.5°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.7	0.8	0.8
-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: P558635 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.7	0.6	0.6
85°	2.2	2.2	2.1	1.9	1.7	1.6	1.6	1.6	1.5	1.3	1.1
82.5°	4.4	4.4	4.5	4.4	4.4	4.2	3.9	3.5	2.8	2.0	1.7
80°	9.1	9.6	9.6	9.0	7.9	6.9	6.6	6.1	5.0	4.0	3.0
77.5°	13.9	15.2	16.0	15.7	14.0	12.3	10.7	9.0	7.2	5.9	4.7
75°	19.0	20.7	22.0	22.0	20.2	17.7	15.6	13.3	10.7	8.0	6.3
72.5°	28.7	28.0	28.2	28.4	26.8	24.4	21.3	17.6	14.5	11.4	8.3
70°	38.5	36.0	34.2	33.9	33.1	31.4	28.2	23.5	18.4	14.8	11.3
67.5°	48.8	46.3	43.0	40.1	39.0	37.5	35.1	29.5	23.5	18.2	14.2
65°	59.4	56.4	53.3	49.0	45.8	43.7	41.2	35.2	28.5	22.4	17.1
62.5°	70.9	66.0	62.0	57.4	53.1	49.8	47.1	40.7	33.4	26.4	20.3
60°	83.6	77.2	70.8	65.4	60.2	55.5	51.8	46.2	38.6	30.1	23.4
57.5°	96.5	88.7	80.6	73.4	67.4	61.6	56.2	50.8	43.8	34.7	26.2
55°	109.4	100.7	90.5	81.7	74.5	68.0	61.0	55.0	48.7	39.5	28.4
52.5°	121.9	112.1	101.1	90.2	81.3	74.1	66.3	59.2	52.5	44.3	31.6
50°	137.2	123.0	111.4	99.6	88.1	79.6	71.3	63.5	56.4	48.7	34.6
47.5°	154.9	136.8	121.6	108.8	96.4	85.1	76.2	67.7	60.1	52.1	37.2
45°	190.1	152.6	133.5	118.2	104.2	91.7	81.2	71.5	63.6	53.5	39.4
42.5°	230.4	182.1	147.5	127.5	112.5	98.3	85.9	75.8	66.8	54.5	40.7
40°	327.3	218.9	166.4	139.9	120.9	104.5	91.4	80.0	69.4	55.1	41.1
37.5°	426.8	287.2	199.5	152.0	129.9	112.0	96.6	84.1	70.6	55.7	41.3
35°	527.8	376.4	232.1	173.8	140.6	119.3	101.3	88.1	73.2	56.2	41.0
32.5°	623.7	462.6	306.6	202.6	150.9	126.3	106.8	92.2	76.4	56.8	40.5
30°	705.9	546.3	380.5	230.1	165.2	135.0	112.9	96.0	80.4	57.3	39.9
27.5°	780.7	624.5	449.9	283.5	189.0	143.4	118.7	99.6	84.9	58.8	40.0
25°	849.6	691.2	516.9	342.0	211.3	151.4	123.9	103.0	88.4	61.8	40.0
22.5°	910.4	750.5	578.2	395.3	231.4	159.2	129.5	107.4	91.1	65.0	39.9
20°	964.9	804.5	634.0	444.5	264.4	175.8	135.6	111.2	93.6	68.3	39.7
17.5°	1014.0	851.4	680.8	491.2	304.0	190.6	141.1	114.6	95.8	71.6	39.3
15°	1061.9	891.2	720.5	532.5	338.8	203.3	146.1	117.5	97.8	74.9	39.1
12.5°	1102.1	925.3	754.1	568.2	368.7	214.1	150.5	119.9	99.4	77.8	38.9
10°	1134.4	953.4	781.4	598.0	393.6	222.9	154.2	121.7	100.7	80.1	38.1
7.5°	1158.8	975.4	802.4	621.8	413.3	230.1	156.6	122.7	101.8	82.0	36.9
5°	1176.3	992.0	817.8	639.5	427.5	236.0	158.1	123.3	102.5	83.4	35.3
2.5°	1190.9	1003.7	827.4	650.8	436.2	240.1	158.9	123.4	103.0	84.1	33.5
0°	1198.1	1009.0	831.0	655.6	439.3	242.2	158.8	123.0	103.2	84.0	31.5
-2.5°	1190.9	1003.7	827.4	650.8	436.2	240.1	158.9	123.4	103.0	84.1	33.5
-5°	1176.3	992.0	817.8	639.5	427.5	236.0	158.1	123.3	102.5	83.4	35.3
-7.5°	1158.8	975.4	802.4	621.8	413.3	230.1	156.6	122.7	101.8	82.0	36.9
-10°	1134.4	953.4	781.4	598.0	393.6	222.9	154.2	121.7	100.7	80.1	38.1
-12.5°	1102.1	925.3	754.1	568.2	368.7	214.1	150.5	119.9	99.4	77.8	38.9
-15°	1061.9	891.2	720.5	532.5	338.8	203.3	146.1	117.5	97.8	74.9	39.1
-17.5°	1014.0	851.4	680.8	491.2	304.0	190.6	141.1	114.6	95.8	71.6	39.3
-20°	964.9	804.5	634.0	444.5	264.4	175.8	135.6	111.2	93.6	68.3	39.7



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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°	910.4	750.5	578.2	395.3	231.4	159.2	129.5	107.4	91.1	65.0	39.9
-25°	849.6	691.2	516.9	342.0	211.3	151.4	123.9	103.0	88.4	61.8	40.0
-27.5°	780.7	624.5	449.9	283.5	189.0	143.4	118.7	99.6	84.9	58.8	40.0
-30°	705.9	546.3	380.5	230.1	165.2	135.0	112.9	96.0	80.4	57.3	39.9
-32.5°	623.7	462.6	306.6	202.6	150.9	126.3	106.8	92.2	76.4	56.8	40.5
-35°	527.8	376.4	232.1	173.8	140.6	119.3	101.3	88.1	73.2	56.2	41.0
-37.5°	426.8	287.2	199.5	152.0	129.9	112.0	96.6	84.1	70.6	55.7	41.3
-40°	327.3	218.9	166.4	139.9	120.9	104.5	91.4	80.0	69.4	55.1	41.1
-42.5°	230.4	182.1	147.5	127.5	112.5	98.3	85.9	75.8	66.8	54.5	40.7
-45°	190.1	152.6	133.5	118.2	104.2	91.7	81.2	71.5	63.6	53.5	39.4
-47.5°	154.9	136.8	121.6	108.8	96.4	85.1	76.2	67.7	60.1	52.1	37.2
-50°	137.2	123.0	111.4	99.6	88.1	79.6	71.3	63.5	56.4	48.7	34.6
-52.5°	121.9	112.1	101.1	90.2	81.3	74.1	66.3	59.2	52.5	44.3	31.6
-55°	109.4	100.7	90.5	81.7	74.5	68.0	61.0	55.0	48.7	39.5	28.4
-57.5°	96.5	88.7	80.6	73.4	67.4	61.6	56.2	50.8	43.8	34.7	26.2
-60°	83.6	77.2	70.8	65.4	60.2	55.5	51.8	46.2	38.6	30.1	23.4
-62.5°	70.9	66.0	62.0	57.4	53.1	49.8	47.1	40.7	33.4	26.4	20.3
-65°	59.4	56.4	53.3	49.0	45.8	43.7	41.2	35.2	28.5	22.4	17.1
-67.5°	48.8	46.3	43.0	40.1	39.0	37.5	35.1	29.5	23.5	18.2	14.2
-70°	38.5	36.0	34.2	33.9	33.1	31.4	28.2	23.5	18.4	14.8	11.3
-72.5°	28.7	28.0	28.2	28.4	26.8	24.4	21.3	17.6	14.5	11.4	8.3
-75°	19.0	20.7	22.0	22.0	20.2	17.7	15.6	13.3	10.7	8.0	6.3
-77.5°	13.9	15.2	16.0	15.7	14.0	12.3	10.7	9.0	7.2	5.9	4.7
-80°	9.1	9.6	9.6	9.0	7.9	6.9	6.6	6.1	5.0	4.0	3.0
-82.5°	4.4	4.4	4.5	4.4	4.4	4.2	3.9	3.5	2.8	2.0	1.7
-85°	2.2	2.2	2.1	1.9	1.7	1.6	1.6	1.6	1.5	1.3	1.1
-87.5°	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.7	0.6	0.6
-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):

	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°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
85°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
82.5°	1.5	1.2	1.0	0.7	0.5	0.2	0.0
80°	2.1	1.6	1.3	1.0	0.7	0.3	0.0
77.5°	3.4	2.2	1.6	1.2	0.8	0.4	0.0
75°	4.8	3.2	2.0	1.5	1.0	0.5	0.0
72.5°	6.1	4.1	2.7	1.7	1.1	0.6	0.0
70°	7.4	5.0	3.3	2.0	1.3	0.6	0.0
67.5°	9.7	5.9	3.8	2.3	1.5	0.7	0.0
65°	11.8	7.0	4.4	2.7	1.6	0.8	0.0
62.5°	13.8	8.4	4.9	3.0	1.8	0.9	0.0
60°	15.6	9.7	5.4	3.3	1.9	0.9	0.0
57.5°	17.5	10.9	6.2	3.6	2.1	1.0	0.0
55°	19.1	11.9	6.9	3.9	2.3	1.1	0.0
52.5°	20.5	12.8	7.5	4.1	2.4	1.2	0.0
50°	21.7	13.7	8.0	4.3	2.6	1.2	0.0
47.5°	22.8	14.4	8.4	4.6	2.7	1.3	0.0
45°	24.6	14.9	8.8	4.8	2.9	1.3	0.0
42.5°	26.1	15.2	9.0	5.0	3.0	1.4	0.0
40°	27.4	15.4	9.2	5.2	3.2	1.5	0.0
37.5°	28.3	15.4	9.3	5.5	3.3	1.5	0.0
35°	28.9	15.8	9.2	5.7	3.4	1.6	0.0
32.5°	29.0	16.2	9.1	5.9	3.5	1.6	0.0
30°	28.5	16.4	8.9	6.1	3.7	1.6	0.0
27.5°	27.7	16.4	9.1	6.3	3.8	1.7	0.0
25°	26.7	16.2	9.4	6.5	3.8	1.7	0.0
22.5°	25.5	16.2	9.6	6.7	3.9	1.8	0.0
20°	24.0	17.0	9.9	6.8	4.0	1.8	0.0
17.5°	23.8	17.6	10.1	7.0	4.1	1.8	0.0
15°	24.3	18.2	10.3	7.1	4.1	1.8	0.0
12.5°	24.7	18.7	10.5	7.2	4.2	1.9	0.0
10°	25.1	19.1	10.7	7.3	4.2	1.9	0.0
7.5°	25.4	19.4	10.8	7.3	4.3	1.9	0.0
5°	25.7	19.6	10.9	7.4	4.3	1.9	0.0
2.5°	25.9	19.8	11.0	7.4	4.3	1.9	0.0
0°	26.0	19.8	11.1	7.4	4.3	1.9	0.0
-2.5°	25.9	19.8	11.0	7.4	4.3	1.9	0.0
-5°	25.7	19.6	10.9	7.4	4.3	1.9	0.0
-7.5°	25.4	19.4	10.8	7.3	4.3	1.9	0.0
-10°	25.1	19.1	10.7	7.3	4.2	1.9	0.0
-12.5°	24.7	18.7	10.5	7.2	4.2	1.9	0.0
-15°	24.3	18.2	10.3	7.1	4.1	1.8	0.0
-17.5°	23.8	17.6	10.1	7.0	4.1	1.8	0.0
-20°	24.0	17.0	9.9	6.8	4.0	1.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	25.5	16.2	9.6	6.7	3.9	1.8	0.0
-25°	26.7	16.2	9.4	6.5	3.8	1.7	0.0
-27.5°	27.7	16.4	9.1	6.3	3.8	1.7	0.0
-30°	28.5	16.4	8.9	6.1	3.7	1.6	0.0
-32.5°	29.0	16.2	9.1	5.9	3.5	1.6	0.0
-35°	28.9	15.8	9.2	5.7	3.4	1.6	0.0
-37.5°	28.3	15.4	9.3	5.5	3.3	1.5	0.0
-40°	27.4	15.4	9.2	5.2	3.2	1.5	0.0
-42.5°	26.1	15.2	9.0	5.0	3.0	1.4	0.0
-45°	24.6	14.9	8.8	4.8	2.9	1.3	0.0
-47.5°	22.8	14.4	8.4	4.6	2.7	1.3	0.0
-50°	21.7	13.7	8.0	4.3	2.6	1.2	0.0
-52.5°	20.5	12.8	7.5	4.1	2.4	1.2	0.0
-55°	19.1	11.9	6.9	3.9	2.3	1.1	0.0
-57.5°	17.5	10.9	6.2	3.6	2.1	1.0	0.0
-60°	15.6	9.7	5.4	3.3	1.9	0.9	0.0
-62.5°	13.8	8.4	4.9	3.0	1.8	0.9	0.0
-65°	11.8	7.0	4.4	2.7	1.6	0.8	0.0
-67.5°	9.7	5.9	3.8	2.3	1.5	0.7	0.0
-70°	7.4	5.0	3.3	2.0	1.3	0.6	0.0
-72.5°	6.1	4.1	2.7	1.7	1.1	0.6	0.0
-75°	4.8	3.2	2.0	1.5	1.0	0.5	0.0
-77.5°	3.4	2.2	1.6	1.2	0.8	0.4	0.0
-80°	2.1	1.6	1.3	1.0	0.7	0.3	0.0
-82.5°	1.5	1.2	1.0	0.7	0.5	0.2	0.0
-85°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
-87.5°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)