

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: P558883 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-927-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558883 (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-SA4B-927-U-WR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (64) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

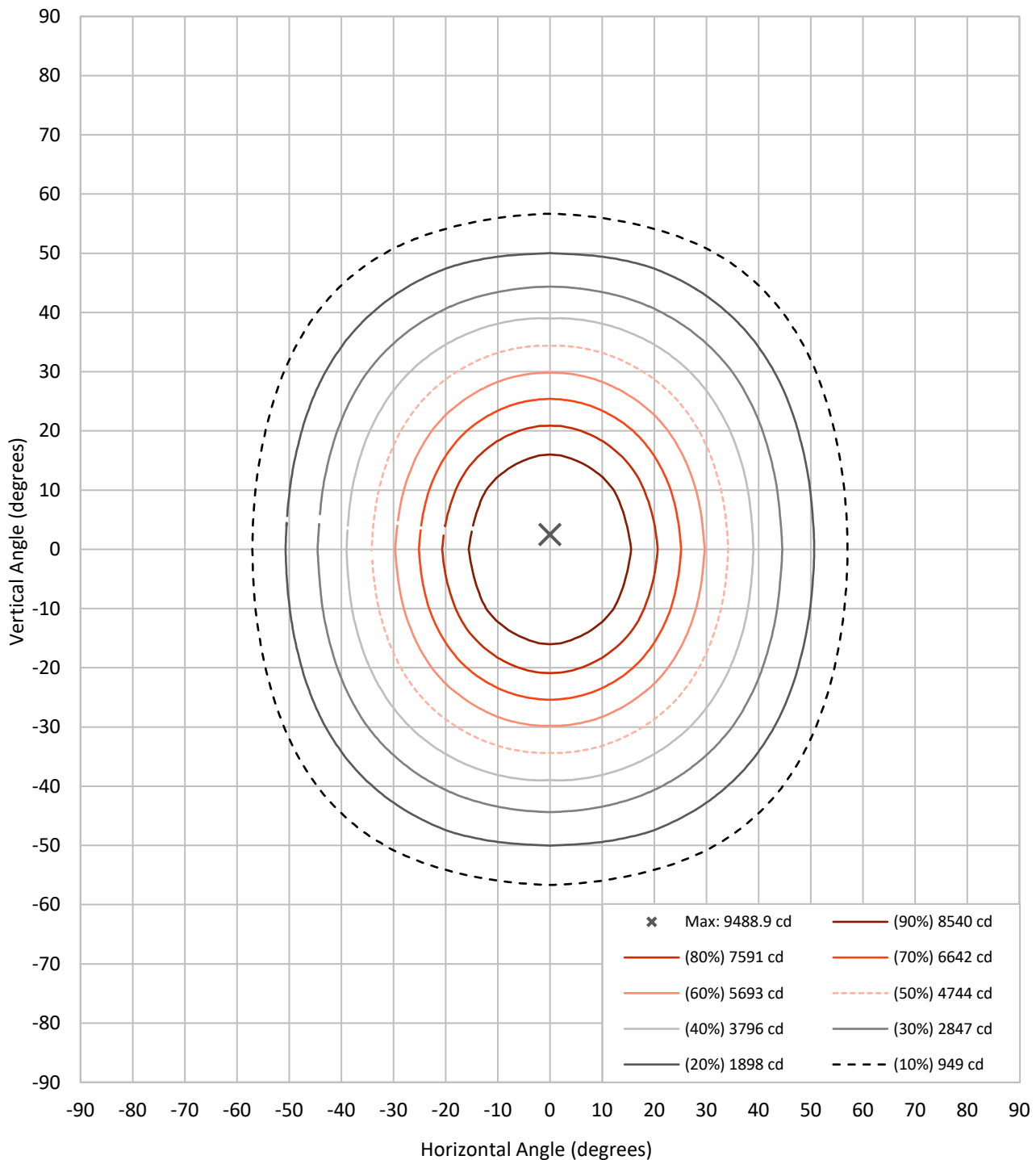
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	12842.3 lumens	Max Intensity:	9488.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	101.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	7699.9 lumens	Field Lumens:	12267.9 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 126
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





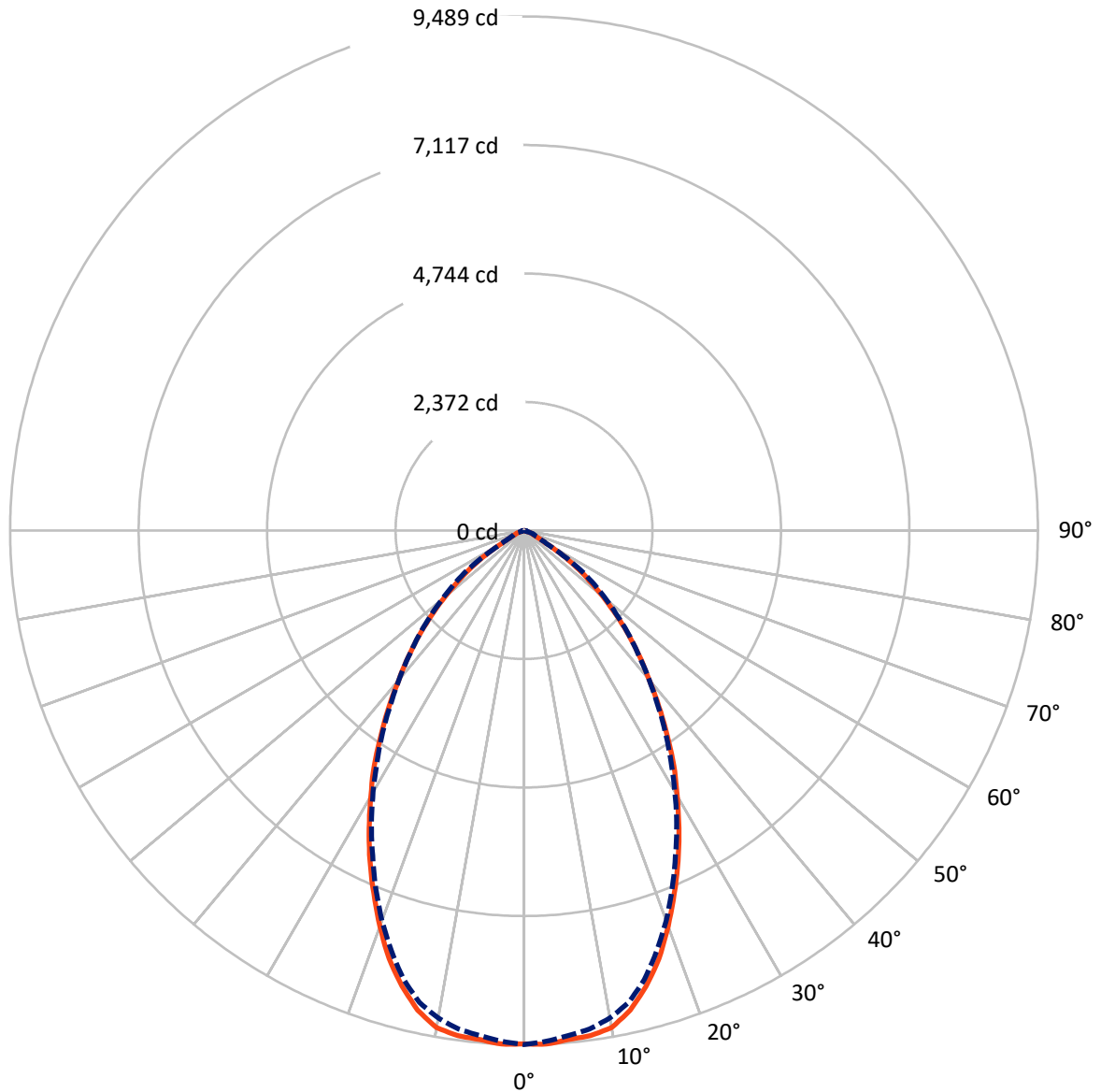
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Lumen Table

90															90				
80	0.1	1.2		3.1		5.4		3.8		5.4		3.1		1.2		0.1			
70															70				
60	0.6	0.9	1.7	2.7	4.0	5.2	6.4	7.2	7.2	6.4	5.2	4.0	2.7	1.7	0.9	0.6			
50		1.4	2.9	5.2	10.0	19.3	28.9	34.7	34.7	28.9	19.3	10.0	5.2	2.9	1.4				
40	1.0	1.9	4.2	12.3	32.4	53.8	71.6	81.6	81.6	71.6	53.8	32.4	12.3	4.2	1.9	1.0			
30		2.3	7.2	28.4	58.1	90.7	120.2	137.9	137.9	120.2	90.7	58.1	28.4	7.2	2.3				
20	1.1	2.7	13.1	42.9	82.5	129.0	172.5	199.8	199.8	172.5	129.0	82.5	42.9	13.1	2.7	1.1			
10		3.2	18.8	53.4	101.6	161.2	219.6	256.5	256.5	219.6	161.2	101.6	53.4	18.8	3.2				
0	1.1	3.5	21.9	59.0	112.4	180.2	246.7	282.0	282.0	246.7	180.2	112.4	59.0	21.9	3.5	1.1			
-10		3.5	21.9	59.0	112.4	180.2	246.7	282.0	282.0	246.7	180.2	112.4	59.0	21.9	3.5				
-20	1.1	3.2	18.8	53.4	101.6	161.2	219.6	256.5	256.5	219.6	161.2	101.6	53.4	18.8	3.2	1.1			
-30		2.7	13.1	42.9	82.5	129.0	172.5	199.8	199.8	172.5	129.0	82.5	42.9	13.1	2.7				
-40	1.0	2.3	7.2	28.4	58.1	90.7	120.2	137.9	137.9	120.2	90.7	58.1	28.4	7.2	2.3	1.0			
-50		1.9	4.2	12.3	32.4	53.8	71.6	81.6	81.6	71.6	53.8	32.4	12.3	4.2	1.9				
-60	0.6	1.4	2.9	5.2	10.0	19.3	28.9	34.7	34.7	28.9	19.3	10.0	5.2	2.9	1.4	0.6			
-70		0.9	1.7	2.7	4.0	5.2	6.4	7.2	7.2	6.4	5.2	4.0	2.7	1.7	0.9				
-80															-80				
-90	0.1	1.2		3.1		5.4		3.8		5.4		3.1		1.2		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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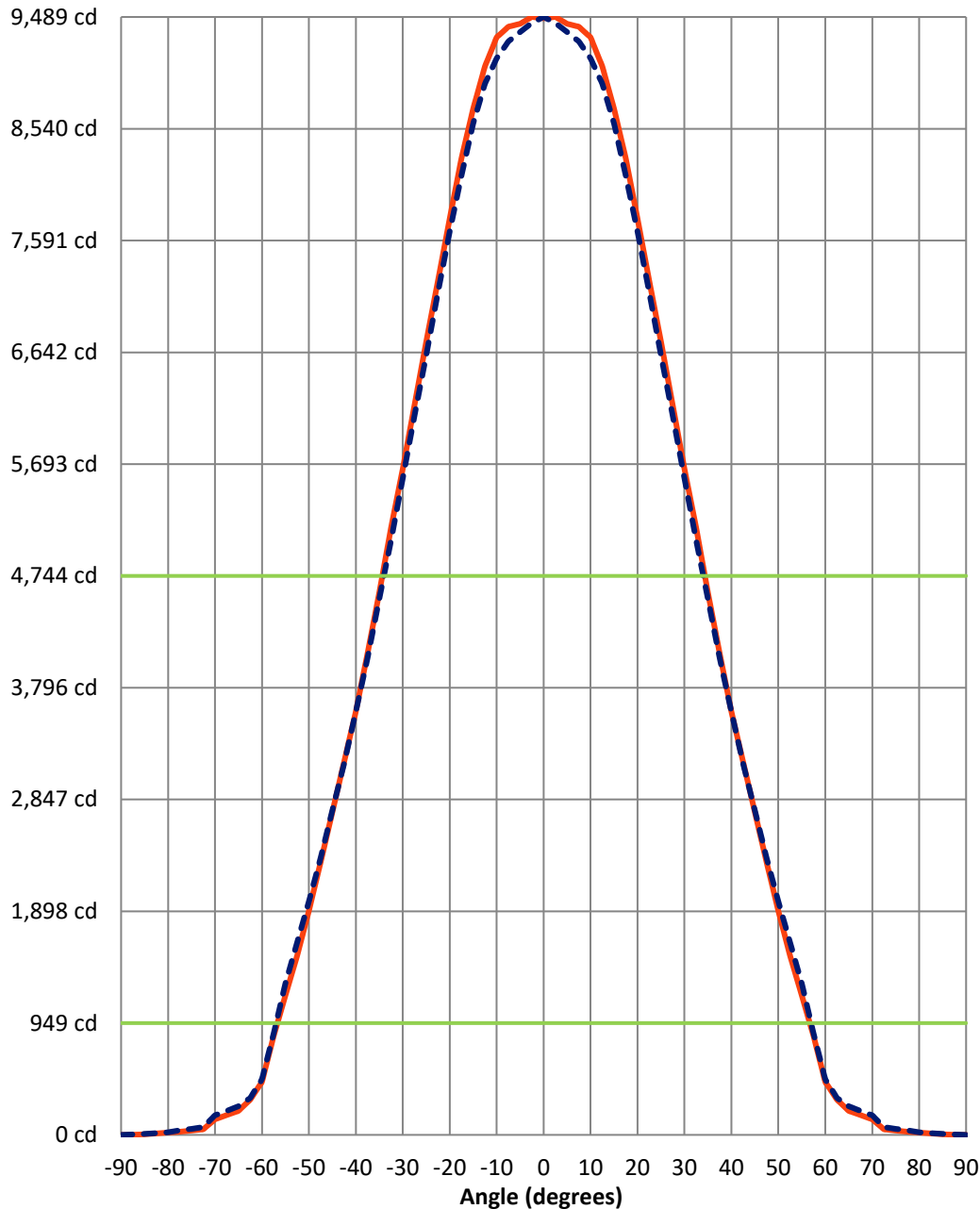
Luminous Intensity Polar Plot



— 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: 7699.9
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 12267.9
Efficiency: 95.5%

Spill:
Lumens: 574.5
Efficiency: 4.5%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.2	0.3	0.5	0.6	0.8	1.0	1.1	1.3	1.4	1.6
85°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1
82.5°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.3	4.0	5.4	6.9
80°	0.0	0.6	1.3	1.9	2.6	3.2	4.0	5.9	7.9	9.9	12.0
77.5°	0.0	0.8	1.6	2.4	3.2	4.4	6.7	9.2	11.7	14.3	17.9
75°	0.0	1.0	1.9	2.9	3.9	6.3	9.4	12.5	15.8	21.2	26.4
72.5°	0.0	1.1	2.2	3.3	5.2	8.2	11.9	16.4	22.6	28.8	34.8
70°	0.0	1.3	2.5	3.8	6.4	9.9	14.7	22.3	29.4	36.4	46.4
67.5°	0.0	1.4	2.8	4.6	7.6	11.6	19.2	28.1	36.0	46.5	58.3
65°	0.0	1.6	3.1	5.3	8.7	13.9	23.4	33.9	44.2	56.3	69.6
62.5°	0.0	1.7	3.4	5.9	9.7	16.7	27.3	40.0	52.0	65.8	80.4
60°	0.0	1.8	3.7	6.5	10.7	19.2	30.9	46.2	59.5	76.1	91.2
57.5°	0.0	2.0	4.1	7.1	12.2	21.5	34.5	51.7	68.5	86.4	100.3
55°	0.0	2.1	4.4	7.6	13.6	23.6	37.7	56.0	78.0	96.1	108.5
52.5°	0.0	2.3	4.7	8.1	14.8	25.4	40.5	62.4	87.4	103.6	116.7
50°	0.0	2.4	5.1	8.6	15.8	27.0	42.8	68.3	96.0	111.2	125.4
47.5°	0.0	2.5	5.4	9.0	16.7	28.4	44.9	73.4	102.7	118.6	133.6
45°	0.0	2.6	5.7	9.5	17.3	29.4	48.5	77.8	105.6	125.4	141.2
42.5°	0.0	2.7	6.0	9.9	17.8	30.1	51.5	80.2	107.5	131.7	149.6
40°	0.0	2.8	6.3	10.3	18.1	30.4	54.0	81.1	108.6	137.0	158.0
37.5°	0.0	2.9	6.5	10.8	18.3	30.4	55.8	81.4	109.8	139.3	166.0
35°	0.0	3.0	6.8	11.3	18.2	31.1	57.0	81.0	111.0	144.4	174.0
32.5°	0.0	3.1	7.0	11.7	18.0	31.9	57.2	79.9	112.1	150.9	182.0
30°	0.0	3.2	7.2	12.1	17.5	32.3	56.1	78.7	113.2	158.7	189.6
27.5°	0.0	3.3	7.4	12.5	18.0	32.3	54.6	78.9	115.9	167.6	196.6
25°	0.0	3.4	7.6	12.9	18.5	32.0	52.6	79.0	121.9	174.6	203.4
22.5°	0.0	3.4	7.8	13.2	19.0	32.0	50.2	78.8	128.3	179.9	211.9
20°	0.0	3.5	7.9	13.5	19.5	33.5	47.4	78.4	134.8	184.8	219.5
17.5°	0.0	3.5	8.1	13.7	20.0	34.8	46.9	77.6	141.4	189.2	226.2
15°	0.0	3.6	8.2	14.0	20.4	35.9	47.9	77.2	147.8	193.0	231.9
12.5°	0.0	3.6	8.3	14.2	20.8	36.9	48.7	76.7	153.5	196.3	236.6
10°	0.0	3.6	8.4	14.3	21.1	37.6	49.5	75.2	158.2	198.8	240.2
7.5°	0.0	3.7	8.4	14.4	21.4	38.2	50.1	72.8	162.0	200.9	242.2
5°	0.0	3.7	8.5	14.5	21.7	38.7	50.6	69.7	164.6	202.4	243.3
2.5°	0.0	3.7	8.5	14.6	21.9	38.9	51.0	66.1	166.0	203.4	243.4
0°	0.0	3.7	8.5	14.6	22.0	39.0	51.2	62.2	165.9	203.7	242.7
-2.5°	0.0	3.7	8.5	14.6	21.9	38.9	51.0	66.1	166.0	203.4	243.4
-5°	0.0	3.7	8.5	14.5	21.7	38.7	50.6	69.7	164.6	202.4	243.3
-7.5°	0.0	3.7	8.4	14.4	21.4	38.2	50.1	72.8	162.0	200.9	242.2
-10°	0.0	3.6	8.4	14.3	21.1	37.6	49.5	75.2	158.2	198.8	240.2
-12.5°	0.0	3.6	8.3	14.2	20.8	36.9	48.7	76.7	153.5	196.3	236.6
-15°	0.0	3.6	8.2	14.0	20.4	35.9	47.9	77.2	147.8	193.0	231.9
-17.5°	0.0	3.5	8.1	13.7	20.0	34.8	46.9	77.6	141.4	189.2	226.2
-20°	0.0	3.5	7.9	13.5	19.5	33.5	47.4	78.4	134.8	184.8	219.5



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 CATALOG NUMBER: GFLD-SA4B-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.4	7.8	13.2	19.0	32.0	50.2	78.8	128.3	179.9	211.9
-25°	0.0	3.4	7.6	12.9	18.5	32.0	52.6	79.0	121.9	174.6	203.4
-27.5°	0.0	3.3	7.4	12.5	18.0	32.3	54.6	78.9	115.9	167.6	196.6
-30°	0.0	3.2	7.2	12.1	17.5	32.3	56.1	78.7	113.2	158.7	189.6
-32.5°	0.0	3.1	7.0	11.7	18.0	31.9	57.2	79.9	112.1	150.9	182.0
-35°	0.0	3.0	6.8	11.3	18.2	31.1	57.0	81.0	111.0	144.4	174.0
-37.5°	0.0	2.9	6.5	10.8	18.3	30.4	55.8	81.4	109.8	139.3	166.0
-40°	0.0	2.8	6.3	10.3	18.1	30.4	54.0	81.1	108.6	137.0	158.0
-42.5°	0.0	2.7	6.0	9.9	17.8	30.1	51.5	80.2	107.5	131.7	149.6
-45°	0.0	2.6	5.7	9.5	17.3	29.4	48.5	77.8	105.6	125.4	141.2
-47.5°	0.0	2.5	5.4	9.0	16.7	28.4	44.9	73.4	102.7	118.6	133.6
-50°	0.0	2.4	5.1	8.6	15.8	27.0	42.8	68.3	96.0	111.2	125.4
-52.5°	0.0	2.3	4.7	8.1	14.8	25.4	40.5	62.4	87.4	103.6	116.7
-55°	0.0	2.1	4.4	7.6	13.6	23.6	37.7	56.0	78.0	96.1	108.5
-57.5°	0.0	2.0	4.1	7.1	12.2	21.5	34.5	51.7	68.5	86.4	100.3
-60°	0.0	1.8	3.7	6.5	10.7	19.2	30.9	46.2	59.5	76.1	91.2
-62.5°	0.0	1.7	3.4	5.9	9.7	16.7	27.3	40.0	52.0	65.8	80.4
-65°	0.0	1.6	3.1	5.3	8.7	13.9	23.4	33.9	44.2	56.3	69.6
-67.5°	0.0	1.4	2.8	4.6	7.6	11.6	19.2	28.1	36.0	46.5	58.3
-70°	0.0	1.3	2.5	3.8	6.4	9.9	14.7	22.3	29.4	36.4	46.4
-72.5°	0.0	1.1	2.2	3.3	5.2	8.2	11.9	16.4	22.6	28.8	34.8
-75°	0.0	1.0	1.9	2.9	3.9	6.3	9.4	12.5	15.8	21.2	26.4
-77.5°	0.0	0.8	1.6	2.4	3.2	4.4	6.7	9.2	11.7	14.3	17.9
-80°	0.0	0.6	1.3	1.9	2.6	3.2	4.0	5.9	7.9	9.9	12.0
-82.5°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.3	4.0	5.4	6.9
-85°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1
-87.5°	0.0	0.2	0.3	0.5	0.6	0.8	1.0	1.1	1.3	1.4	1.6
-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°	1.6	1.5	1.5	1.4	1.5	1.5	1.6	1.7	1.6	1.4	1.2
85°	3.1	3.1	3.4	3.7	4.1	4.3	4.5	4.4	5.0	5.7	6.5
82.5°	7.7	8.3	8.6	8.7	8.8	8.7	8.6	8.6	10.6	13.1	16.0
80°	13.0	13.6	15.6	17.8	19.0	18.9	17.9	16.0	18.9	23.7	29.4
77.5°	21.2	24.3	27.6	31.0	31.6	30.0	27.3	23.7	27.9	36.3	45.9
75°	30.8	35.0	39.8	43.4	43.5	40.8	37.4	36.7	43.8	54.0	62.4
72.5°	42.1	48.3	52.9	56.0	55.7	55.3	56.6	59.6	65.5	72.9	79.4
70°	55.7	61.9	65.4	66.9	67.6	71.0	76.0	79.8	83.9	91.3	98.1
67.5°	69.2	74.0	77.0	79.1	84.8	91.3	96.3	100.9	106.1	113.6	119.8
65°	81.3	86.1	90.4	96.7	105.0	111.2	117.2	123.5	132.4	140.8	145.8
62.5°	93.0	98.2	104.7	113.3	122.3	130.2	140.0	151.1	162.7	171.3	181.1
60°	102.2	109.6	118.7	129.0	139.7	152.5	165.1	178.1	189.9	201.5	216.0
57.5°	110.9	121.5	132.9	145.0	159.2	175.1	190.5	204.5	219.4	235.5	251.9
55°	120.4	134.3	147.0	161.4	178.7	199.0	216.1	232.6	250.4	277.5	301.1
52.5°	130.9	146.2	160.6	178.2	199.7	221.3	240.7	263.9	293.8	334.0	399.2
50°	140.7	157.2	174.0	196.7	220.0	242.7	270.9	303.2	363.0	437.9	569.2
47.5°	150.5	168.0	190.3	214.7	240.1	270.1	305.7	376.5	458.0	644.7	830.8
45°	160.2	181.0	205.6	233.4	263.6	301.3	375.3	462.5	684.3	899.1	1122.8
42.5°	169.7	194.0	222.1	251.7	291.2	359.4	454.8	685.3	925.4	1172.0	1386.7
40°	180.5	206.1	238.7	276.2	328.5	432.0	646.1	905.5	1176.2	1409.2	1618.1
37.5°	190.6	221.0	256.4	300.0	393.9	566.8	842.6	1130.4	1392.4	1620.1	1843.3
35°	199.9	235.4	277.5	343.0	458.1	743.0	1042.0	1334.6	1585.1	1828.2	2072.3
32.5°	210.8	249.3	297.9	400.0	605.3	913.2	1231.3	1510.1	1772.4	2031.6	2310.5
30°	222.9	266.5	326.2	454.4	751.1	1078.5	1393.6	1678.5	1950.4	2238.3	2537.0
27.5°	234.3	283.1	373.1	559.7	888.2	1232.8	1541.3	1834.5	2126.4	2433.0	2754.5
25°	244.6	298.9	417.1	675.2	1020.5	1364.5	1677.2	1975.6	2290.7	2623.9	2962.3
22.5°	255.7	314.3	456.8	780.4	1141.5	1481.7	1797.2	2113.5	2447.2	2800.3	3153.2
20°	267.7	347.2	522.1	877.5	1251.5	1588.2	1904.9	2241.7	2593.5	2959.3	3332.0
17.5°	278.6	376.2	600.1	969.7	1344.0	1680.8	2001.8	2357.8	2720.8	3103.1	3495.8
15°	288.5	401.4	668.8	1051.2	1422.5	1759.5	2096.4	2460.9	2833.9	3232.2	3640.0
12.5°	297.1	422.7	727.8	1121.7	1488.7	1826.8	2175.9	2547.8	2934.7	3344.9	3769.9
10°	304.5	440.0	777.0	1180.6	1542.6	1882.3	2239.7	2620.2	3014.9	3435.7	3874.7
7.5°	309.2	454.3	815.8	1227.7	1584.2	1925.7	2287.8	2677.2	3073.6	3506.6	3953.9
5°	312.2	466.0	843.9	1262.5	1614.4	1958.5	2322.4	2718.1	3111.3	3556.4	4007.2
2.5°	313.6	474.0	861.1	1284.7	1633.4	1981.5	2351.1	2754.0	3150.9	3591.8	4048.5
0°	313.5	478.2	867.3	1294.2	1640.6	1991.9	2365.2	2772.6	3176.4	3607.0	4076.6
-2.5°	313.6	474.0	861.1	1284.7	1633.4	1981.5	2351.1	2754.0	3150.9	3591.8	4048.5
-5°	312.2	466.0	843.9	1262.5	1614.4	1958.5	2322.4	2718.1	3111.3	3556.4	4007.2
-7.5°	309.2	454.3	815.8	1227.7	1584.2	1925.7	2287.8	2677.2	3073.6	3506.6	3953.9
-10°	304.5	440.0	777.0	1180.6	1542.6	1882.3	2239.7	2620.2	3014.9	3435.7	3874.7
-12.5°	297.1	422.7	727.8	1121.7	1488.7	1826.8	2175.9	2547.8	2934.7	3344.9	3769.9
-15°	288.5	401.4	668.8	1051.2	1422.5	1759.5	2096.4	2460.9	2833.9	3232.2	3640.0
-17.5°	278.6	376.2	600.1	969.7	1344.0	1680.8	2001.8	2357.8	2720.8	3103.1	3495.8
-20°	267.7	347.2	522.1	877.5	1251.5	1588.2	1904.9	2241.7	2593.5	2959.3	3332.0



REPORT NUMBER: P558883 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	255.7	314.3	456.8	780.4	1141.5	1481.7	1797.2	2113.5	2447.2	2800.3	3153.2
-25°	244.6	298.9	417.1	675.2	1020.5	1364.5	1677.2	1975.6	2290.7	2623.9	2962.3
-27.5°	234.3	283.1	373.1	559.7	888.2	1232.8	1541.3	1834.5	2126.4	2433.0	2754.5
-30°	222.9	266.5	326.2	454.4	751.1	1078.5	1393.6	1678.5	1950.4	2238.3	2537.0
-32.5°	210.8	249.3	297.9	400.0	605.3	913.2	1231.3	1510.1	1772.4	2031.6	2310.5
-35°	199.9	235.4	277.5	343.0	458.1	743.0	1042.0	1334.6	1585.1	1828.2	2072.3
-37.5°	190.6	221.0	256.4	300.0	393.9	566.8	842.6	1130.4	1392.4	1620.1	1843.3
-40°	180.5	206.1	238.7	276.2	328.5	432.0	646.1	905.5	1176.2	1409.2	1618.1
-42.5°	169.7	194.0	222.1	251.7	291.2	359.4	454.8	685.3	925.4	1172.0	1386.7
-45°	160.2	181.0	205.6	233.4	263.6	301.3	375.3	462.5	684.3	899.1	1122.8
-47.5°	150.5	168.0	190.3	214.7	240.1	270.1	305.7	376.5	458.0	644.7	830.8
-50°	140.7	157.2	174.0	196.7	220.0	242.7	270.9	303.2	363.0	437.9	569.2
-52.5°	130.9	146.2	160.6	178.2	199.7	221.3	240.7	263.9	293.8	334.0	399.2
-55°	120.4	134.3	147.0	161.4	178.7	199.0	216.1	232.6	250.4	277.5	301.1
-57.5°	110.9	121.5	132.9	145.0	159.2	175.1	190.5	204.5	219.4	235.5	251.9
-60°	102.2	109.6	118.7	129.0	139.7	152.5	165.1	178.1	189.9	201.5	216.0
-62.5°	93.0	98.2	104.7	113.3	122.3	130.2	140.0	151.1	162.7	171.3	181.1
-65°	81.3	86.1	90.4	96.7	105.0	111.2	117.2	123.5	132.4	140.8	145.8
-67.5°	69.2	74.0	77.0	79.1	84.8	91.3	96.3	100.9	106.1	113.6	119.8
-70°	55.7	61.9	65.4	66.9	67.6	71.0	76.0	79.8	83.9	91.3	98.1
-72.5°	42.1	48.3	52.9	56.0	55.7	55.3	56.6	59.6	65.5	72.9	79.4
-75°	30.8	35.0	39.8	43.4	43.5	40.8	37.4	36.7	43.8	54.0	62.4
-77.5°	21.2	24.3	27.6	31.0	31.6	30.0	27.3	23.7	27.9	36.3	45.9
-80°	13.0	13.6	15.6	17.8	19.0	18.9	17.9	16.0	18.9	23.7	29.4
-82.5°	7.7	8.3	8.6	8.7	8.8	8.7	8.6	8.6	10.6	13.1	16.0
-85°	3.1	3.1	3.4	3.7	4.1	4.3	4.5	4.4	5.0	5.7	6.5
-87.5°	1.6	1.5	1.5	1.4	1.5	1.5	1.6	1.7	1.6	1.4	1.2
-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: P558883 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
85°	7.4	7.3	7.0	6.7	6.2	6.4	6.6	6.7	6.9	6.4	6.0
82.5°	19.2	20.6	21.9	23.3	24.8	24.6	23.9	22.9	21.7	19.3	16.7
80°	35.9	39.2	41.5	43.3	44.7	43.3	41.2	38.8	36.1	32.1	27.7
77.5°	55.7	59.0	60.8	62.9	65.2	65.7	65.8	66.0	66.3	58.8	49.4
75°	69.1	73.6	77.2	80.5	83.3	84.8	85.7	86.7	87.5	77.6	64.6
72.5°	85.0	89.3	92.8	96.3	99.4	101.8	103.6	105.2	106.4	98.3	87.0
70°	103.5	107.8	111.8	115.5	119.0	122.2	125.1	127.8	130.3	130.7	131.3
67.5°	124.4	127.0	131.7	136.3	141.8	145.8	150.3	154.4	158.3	161.6	164.3
65°	150.3	159.5	168.8	173.4	173.8	179.6	188.7	193.8	195.2	196.4	199.3
62.5°	193.7	205.6	211.9	220.1	231.3	243.6	248.2	254.9	263.1	272.4	280.8
60°	228.3	238.4	253.5	268.8	282.5	294.9	325.0	351.7	374.6	394.3	413.2
57.5°	271.1	287.8	310.9	352.5	390.5	424.9	483.7	555.5	619.4	675.4	724.6
55°	339.4	388.0	431.8	530.0	634.8	725.6	810.6	901.5	975.5	1033.4	1086.8
52.5°	455.9	589.6	725.1	852.5	977.8	1091.9	1194.3	1274.9	1337.8	1385.0	1429.7
50°	729.9	891.0	1056.0	1208.1	1331.2	1443.6	1550.2	1630.1	1697.0	1754.5	1805.5
47.5°	1028.6	1217.1	1373.1	1513.4	1646.0	1770.8	1887.3	1984.6	2067.0	2142.9	2206.1
45°	1325.8	1494.5	1654.4	1804.8	1949.2	2089.1	2214.4	2325.1	2434.0	2524.0	2595.3
42.5°	1577.1	1755.7	1925.8	2097.9	2259.4	2416.3	2567.7	2702.2	2818.0	2916.4	2995.6
40°	1818.3	2010.9	2213.0	2404.0	2595.7	2774.8	2942.5	3096.1	3228.0	3344.5	3443.1
37.5°	2063.8	2288.7	2510.7	2728.4	2939.7	3134.4	3326.9	3504.2	3658.7	3795.0	3909.5
35°	2322.9	2570.7	2812.3	3057.7	3288.3	3513.6	3726.5	3921.6	4092.7	4253.3	4391.3
32.5°	2582.5	2851.0	3123.0	3388.5	3644.0	3896.4	4129.8	4349.7	4552.0	4729.8	4877.2
30°	2835.2	3130.8	3421.9	3711.2	4002.7	4277.7	4536.3	4777.8	4997.2	5190.9	5358.4
27.5°	3077.7	3395.5	3707.7	4038.5	4355.4	4654.4	4935.4	5195.0	5440.0	5660.2	5850.3
25°	3302.2	3639.8	4003.6	4350.5	4689.6	5021.3	5329.1	5611.2	5891.3	6133.6	6339.9
22.5°	3514.2	3890.9	4273.9	4637.8	5011.9	5376.7	5721.3	6048.1	6347.3	6601.2	6821.2
20°	3715.8	4121.1	4515.8	4918.8	5323.9	5717.4	6096.8	6446.2	6762.2	7038.9	7287.1
17.5°	3906.2	4325.7	4745.1	5175.4	5612.8	6026.5	6428.6	6808.6	7153.6	7460.6	7740.4
15°	4070.9	4504.3	4953.5	5410.8	5868.3	6308.2	6734.9	7148.9	7537.1	7871.2	8153.4
12.5°	4210.9	4662.4	5137.5	5617.3	6099.7	6560.8	7013.0	7456.0	7868.6	8227.8	8517.6
10°	4327.0	4800.0	5296.4	5796.1	6290.8	6769.9	7240.3	7698.6	8141.8	8514.1	8811.7
7.5°	4423.8	4915.0	5422.8	5937.5	6436.7	6934.3	7424.8	7887.8	8324.5	8717.1	9022.9
5°	4496.1	4995.5	5514.0	6041.6	6548.4	7063.7	7568.8	8042.6	8475.0	8830.8	9080.4
2.5°	4549.9	5045.6	5573.2	6104.3	6617.8	7151.8	7667.6	8141.9	8584.4	8921.2	9137.4
0°	4586.5	5073.2	5627.0	6147.8	6669.9	7217.6	7727.5	8206.9	8650.9	8980.2	9203.4
-2.5°	4549.9	5045.6	5573.2	6104.3	6617.8	7151.8	7667.6	8141.9	8584.4	8921.2	9137.4
-5°	4496.1	4995.5	5514.0	6041.6	6548.4	7063.7	7568.8	8042.6	8475.0	8830.8	9080.4
-7.5°	4423.8	4915.0	5422.8	5937.5	6436.7	6934.3	7424.8	7887.8	8324.5	8717.1	9022.9
-10°	4327.0	4800.0	5296.4	5796.1	6290.8	6769.9	7240.3	7698.6	8141.8	8514.1	8811.7
-12.5°	4210.9	4662.4	5137.5	5617.3	6099.7	6560.8	7013.0	7456.0	7868.6	8227.8	8517.6
-15°	4070.9	4504.3	4953.5	5410.8	5868.3	6308.2	6734.9	7148.9	7537.1	7871.2	8153.4
-17.5°	3906.2	4325.7	4745.1	5175.4	5612.8	6026.5	6428.6	6808.6	7153.6	7460.6	7740.4
-20°	3715.8	4121.1	4515.8	4918.8	5323.9	5717.4	6096.8	6446.2	6762.2	7038.9	7287.1



REPORT NUMBER: P558883 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3514.2	3890.9	4273.9	4637.8	5011.9	5376.7	5721.3	6048.1	6347.3	6601.2	6821.2
-25°	3302.2	3639.8	4003.6	4350.5	4689.6	5021.3	5329.1	5611.2	5891.3	6133.6	6339.9
-27.5°	3077.7	3395.5	3707.7	4038.5	4355.4	4654.4	4935.4	5195.0	5440.0	5660.2	5850.3
-30°	2835.2	3130.8	3421.9	3711.2	4002.7	4277.7	4536.3	4777.8	4997.2	5190.9	5358.4
-32.5°	2582.5	2851.0	3123.0	3388.5	3644.0	3896.4	4129.8	4349.7	4552.0	4729.8	4877.2
-35°	2322.9	2570.7	2812.3	3057.7	3288.3	3513.6	3726.5	3921.6	4092.7	4253.3	4391.3
-37.5°	2063.8	2288.7	2510.7	2728.4	2939.7	3134.4	3326.9	3504.2	3658.7	3795.0	3909.5
-40°	1818.3	2010.9	2213.0	2404.0	2595.7	2774.8	2942.5	3096.1	3228.0	3344.5	3443.1
-42.5°	1577.1	1755.7	1925.8	2097.9	2259.4	2416.3	2567.7	2702.2	2818.0	2916.4	2995.6
-45°	1325.8	1494.5	1654.4	1804.8	1949.2	2089.1	2214.4	2325.1	2434.0	2524.0	2595.3
-47.5°	1028.6	1217.1	1373.1	1513.4	1646.0	1770.8	1887.3	1984.6	2067.0	2142.9	2206.1
-50°	729.9	891.0	1056.0	1208.1	1331.2	1443.6	1550.2	1630.1	1697.0	1754.5	1805.5
-52.5°	455.9	589.6	725.1	852.5	977.8	1091.9	1194.3	1274.9	1337.8	1385.0	1429.7
-55°	339.4	388.0	431.8	530.0	634.8	725.6	810.6	901.5	975.5	1033.4	1086.8
-57.5°	271.1	287.8	310.9	352.5	390.5	424.9	483.7	555.5	619.4	675.4	724.6
-60°	228.3	238.4	253.5	268.8	282.5	294.9	325.0	351.7	374.6	394.3	413.2
-62.5°	193.7	205.6	211.9	220.1	231.3	243.6	248.2	254.9	263.1	272.4	280.8
-65°	150.3	159.5	168.8	173.4	173.8	179.6	188.7	193.8	195.2	196.4	199.3
-67.5°	124.4	127.0	131.7	136.3	141.8	145.8	150.3	154.4	158.3	161.6	164.3
-70°	103.5	107.8	111.8	115.5	119.0	122.2	125.1	127.8	130.3	130.7	131.3
-72.5°	85.0	89.3	92.8	96.3	99.4	101.8	103.6	105.2	106.4	98.3	87.0
-75°	69.1	73.6	77.2	80.5	83.3	84.8	85.7	86.7	87.5	77.6	64.6
-77.5°	55.7	59.0	60.8	62.9	65.2	65.7	65.8	66.0	66.3	58.8	49.4
-80°	35.9	39.2	41.5	43.3	44.7	43.3	41.2	38.8	36.1	32.1	27.7
-82.5°	19.2	20.6	21.9	23.3	24.8	24.6	23.9	22.9	21.7	19.3	16.7
-85°	7.4	7.3	7.0	6.7	6.2	6.4	6.6	6.7	6.9	6.4	6.0
-87.5°	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
-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: P558883 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1
85°	5.4	4.9	4.9	4.9	4.9	4.9	5.4	6.0	6.4	6.9	6.7
82.5°	13.9	11.0	11.6	12.2	11.6	11.0	13.9	16.7	19.3	21.7	22.9
80°	23.1	18.3	18.9	19.5	18.9	18.3	23.1	27.7	32.1	36.1	38.8
77.5°	39.2	28.4	27.4	26.8	27.4	28.4	39.2	49.4	58.8	66.3	66.0
75°	51.2	37.4	36.5	36.6	36.5	37.4	51.2	64.6	77.6	87.5	86.7
72.5°	75.5	63.8	55.8	47.6	55.8	63.8	75.5	87.0	98.3	106.4	105.2
70°	132.7	134.4	133.7	131.7	133.7	134.4	132.7	131.3	130.7	130.3	127.8
67.5°	166.6	168.4	168.7	168.3	168.7	168.4	166.6	164.3	161.6	158.3	154.4
65°	201.3	202.4	203.3	203.7	203.3	202.4	201.3	199.3	196.4	195.2	193.8
62.5°	287.1	291.3	295.8	298.9	295.8	291.3	287.1	280.8	272.4	263.1	254.9
60°	429.8	443.4	449.5	450.1	449.5	443.4	429.8	413.2	394.3	374.6	351.7
57.5°	763.9	793.3	819.6	839.2	819.6	793.3	763.9	724.6	675.4	619.4	555.5
55°	1129.5	1160.8	1178.4	1183.2	1178.4	1160.8	1129.5	1086.8	1033.4	975.5	901.5
52.5°	1463.5	1484.4	1504.1	1521.1	1504.1	1484.4	1463.5	1429.7	1385.0	1337.8	1274.9
50°	1843.9	1867.2	1886.7	1901.7	1886.7	1867.2	1843.9	1805.5	1754.5	1697.0	1630.1
47.5°	2250.5	2278.9	2299.9	2314.0	2299.9	2278.9	2250.5	2206.1	2142.9	2067.0	1984.6
45°	2656.3	2704.9	2734.5	2739.7	2734.5	2704.9	2656.3	2595.3	2524.0	2434.0	2325.1
42.5°	3064.1	3110.7	3142.2	3165.4	3142.2	3110.7	3064.1	2995.6	2916.4	2818.0	2702.2
40°	3525.3	3583.9	3610.7	3593.5	3610.7	3583.9	3525.3	3443.1	3344.5	3228.0	3096.1
37.5°	3997.8	4058.0	4089.0	4087.6	4089.0	4058.0	3997.8	3909.5	3795.0	3658.7	3504.2
35°	4498.7	4573.3	4613.7	4603.5	4613.7	4573.3	4498.7	4391.3	4253.3	4092.7	3921.6
32.5°	4994.9	5085.1	5143.4	5152.5	5143.4	5085.1	4994.9	4877.2	4729.8	4552.0	4349.7
30°	5492.7	5590.2	5648.1	5653.8	5648.1	5590.2	5492.7	5358.4	5190.9	4997.2	4777.8
27.5°	6009.9	6119.0	6179.7	6194.2	6179.7	6119.0	6009.9	5850.3	5660.2	5440.0	5195.0
25°	6516.0	6637.1	6706.7	6733.3	6706.7	6637.1	6516.0	6339.9	6133.6	5891.3	5611.2
22.5°	7003.9	7136.7	7227.4	7250.5	7227.4	7136.7	7003.9	6821.2	6601.2	6347.3	6048.1
20°	7493.3	7650.0	7766.0	7777.5	7766.0	7650.0	7493.3	7287.1	7038.9	6762.2	6446.2
17.5°	7964.6	8134.1	8258.3	8288.6	8258.3	8134.1	7964.6	7740.4	7460.6	7153.6	6808.6
15°	8386.4	8564.4	8684.3	8710.6	8684.3	8564.4	8386.4	8153.4	7871.2	7537.1	7148.9
12.5°	8750.5	8914.6	9026.4	9069.3	9026.4	8914.6	8750.5	8517.6	8227.8	7868.6	7456.0
10°	9043.8	9170.5	9270.5	9315.7	9270.5	9170.5	9043.8	8811.7	8514.1	8141.8	7698.6
7.5°	9207.5	9311.7	9381.0	9405.9	9381.0	9311.7	9207.5	9022.9	8717.1	8324.5	7887.8
5°	9272.2	9372.2	9409.6	9431.5	9409.6	9372.2	9272.2	9080.4	8830.8	8475.0	8042.6
2.5°	9281.0	9361.0	9438.2	9488.9	9438.2	9361.0	9281.0	9137.4	8921.2	8584.4	8141.9
0°	9332.7	9410.8	9453.5	9477.9	9453.5	9410.8	9332.7	9203.4	8980.2	8650.9	8206.9
-2.5°	9281.0	9361.0	9438.2	9488.9	9438.2	9361.0	9281.0	9137.4	8921.2	8584.4	8141.9
-5°	9272.2	9372.2	9409.6	9431.5	9409.6	9372.2	9272.2	9080.4	8830.8	8475.0	8042.6
-7.5°	9207.5	9311.7	9381.0	9405.9	9381.0	9311.7	9207.5	9022.9	8717.1	8324.5	7887.8
-10°	9043.8	9170.5	9270.5	9315.7	9270.5	9170.5	9043.8	8811.7	8514.1	8141.8	7698.6
-12.5°	8750.5	8914.6	9026.4	9069.3	9026.4	8914.6	8750.5	8517.6	8227.8	7868.6	7456.0
-15°	8386.4	8564.4	8684.3	8710.6	8684.3	8564.4	8386.4	8153.4	7871.2	7537.1	7148.9
-17.5°	7964.6	8134.1	8258.3	8288.6	8258.3	8134.1	7964.6	7740.4	7460.6	7153.6	6808.6
-20°	7493.3	7650.0	7766.0	7777.5	7766.0	7650.0	7493.3	7287.1	7038.9	6762.2	6446.2



REPORT NUMBER: P558883 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7003.9	7136.7	7227.4	7250.5	7227.4	7136.7	7003.9	6821.2	6601.2	6347.3	6048.1
-25°	6516.0	6637.1	6706.7	6733.3	6706.7	6637.1	6516.0	6339.9	6133.6	5891.3	5611.2
-27.5°	6009.9	6119.0	6179.7	6194.2	6179.7	6119.0	6009.9	5850.3	5660.2	5440.0	5195.0
-30°	5492.7	5590.2	5648.1	5653.8	5648.1	5590.2	5492.7	5358.4	5190.9	4997.2	4777.8
-32.5°	4994.9	5085.1	5143.4	5152.5	5143.4	5085.1	4994.9	4877.2	4729.8	4552.0	4349.7
-35°	4498.7	4573.3	4613.7	4603.5	4613.7	4573.3	4498.7	4391.3	4253.3	4092.7	3921.6
-37.5°	3997.8	4058.0	4089.0	4087.6	4089.0	4058.0	3997.8	3909.5	3795.0	3658.7	3504.2
-40°	3525.3	3583.9	3610.7	3593.5	3610.7	3583.9	3525.3	3443.1	3344.5	3228.0	3096.1
-42.5°	3064.1	3110.7	3142.2	3165.4	3142.2	3110.7	3064.1	2995.6	2916.4	2818.0	2702.2
-45°	2656.3	2704.9	2734.5	2739.7	2734.5	2704.9	2656.3	2595.3	2524.0	2434.0	2325.1
-47.5°	2250.5	2278.9	2299.9	2314.0	2299.9	2278.9	2250.5	2206.1	2142.9	2067.0	1984.6
-50°	1843.9	1867.2	1886.7	1901.7	1886.7	1867.2	1843.9	1805.5	1754.5	1697.0	1630.1
-52.5°	1463.5	1484.4	1504.1	1521.1	1504.1	1484.4	1463.5	1429.7	1385.0	1337.8	1274.9
-55°	1129.5	1160.8	1178.4	1183.2	1178.4	1160.8	1129.5	1086.8	1033.4	975.5	901.5
-57.5°	763.9	793.3	819.6	839.2	819.6	793.3	763.9	724.6	675.4	619.4	555.5
-60°	429.8	443.4	449.5	450.1	449.5	443.4	429.8	413.2	394.3	374.6	351.7
-62.5°	287.1	291.3	295.8	298.9	295.8	291.3	287.1	280.8	272.4	263.1	254.9
-65°	201.3	202.4	203.3	203.7	203.3	202.4	201.3	199.3	196.4	195.2	193.8
-67.5°	166.6	168.4	168.7	168.3	168.7	168.4	166.6	164.3	161.6	158.3	154.4
-70°	132.7	134.4	133.7	131.7	133.7	134.4	132.7	131.3	130.7	130.3	127.8
-72.5°	75.5	63.8	55.8	47.6	55.8	63.8	75.5	87.0	98.3	106.4	105.2
-75°	51.2	37.4	36.5	36.6	36.5	37.4	51.2	64.6	77.6	87.5	86.7
-77.5°	39.2	28.4	27.4	26.8	27.4	28.4	39.2	49.4	58.8	66.3	66.0
-80°	23.1	18.3	18.9	19.5	18.9	18.3	23.1	27.7	32.1	36.1	38.8
-82.5°	13.9	11.0	11.6	12.2	11.6	11.0	13.9	16.7	19.3	21.7	22.9
-85°	5.4	4.9	4.9	4.9	4.9	4.9	5.4	6.0	6.4	6.9	6.7
-87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1
-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°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.2	1.4	1.6	1.7
85°	6.6	6.4	6.2	6.7	7.0	7.3	7.4	6.5	5.7	5.0	4.4
82.5°	23.9	24.6	24.8	23.3	21.9	20.6	19.2	16.0	13.1	10.6	8.6
80°	41.2	43.3	44.7	43.3	41.5	39.2	35.9	29.4	23.7	18.9	16.0
77.5°	65.8	65.7	65.2	62.9	60.8	59.0	55.7	45.9	36.3	27.9	23.7
75°	85.7	84.8	83.3	80.5	77.2	73.6	69.1	62.4	54.0	43.8	36.7
72.5°	103.6	101.8	99.4	96.3	92.8	89.3	85.0	79.4	72.9	65.5	59.6
70°	125.1	122.2	119.0	115.5	111.8	107.8	103.5	98.1	91.3	83.9	79.8
67.5°	150.3	145.8	141.8	136.3	131.7	127.0	124.4	119.8	113.6	106.1	100.9
65°	188.7	179.6	173.8	173.4	168.8	159.5	150.3	145.8	140.8	132.4	123.5
62.5°	248.2	243.6	231.3	220.1	211.9	205.6	193.7	181.1	171.3	162.7	151.1
60°	325.0	294.9	282.5	268.8	253.5	238.4	228.3	216.0	201.5	189.9	178.1
57.5°	483.7	424.9	390.5	352.5	310.9	287.8	271.1	251.9	235.5	219.4	204.5
55°	810.6	725.6	634.8	530.0	431.8	388.0	339.4	301.1	277.5	250.4	232.6
52.5°	1194.3	1091.9	977.8	852.5	725.1	589.6	455.9	399.2	334.0	293.8	263.9
50°	1550.2	1443.6	1331.2	1208.1	1056.0	891.0	729.9	569.2	437.9	363.0	303.2
47.5°	1887.3	1770.8	1646.0	1513.4	1373.1	1217.1	1028.6	830.8	644.7	458.0	376.5
45°	2214.4	2089.1	1949.2	1804.8	1654.4	1494.5	1325.8	1122.8	899.1	684.3	462.5
42.5°	2567.7	2416.3	2259.4	2097.9	1925.8	1755.7	1577.1	1386.7	1172.0	925.4	685.3
40°	2942.5	2774.8	2595.7	2404.0	2213.0	2010.9	1818.3	1618.1	1409.2	1176.2	905.5
37.5°	3326.9	3134.4	2939.7	2728.4	2510.7	2288.7	2063.8	1843.3	1620.1	1392.4	1130.4
35°	3726.5	3513.6	3288.3	3057.7	2812.3	2570.7	2322.9	2072.3	1828.2	1585.1	1334.6
32.5°	4129.8	3896.4	3644.0	3388.5	3123.0	2851.0	2582.5	2310.5	2031.6	1772.4	1510.1
30°	4536.3	4277.7	4002.7	3711.2	3421.9	3130.8	2835.2	2537.0	2238.3	1950.4	1678.5
27.5°	4935.4	4654.4	4355.4	4038.5	3707.7	3395.5	3077.7	2754.5	2433.0	2126.4	1834.5
25°	5329.1	5021.3	4689.6	4350.5	4003.6	3639.8	3302.2	2962.3	2623.9	2290.7	1975.6
22.5°	5721.3	5376.7	5011.9	4637.8	4273.9	3890.9	3514.2	3153.2	2800.3	2447.2	2113.5
20°	6096.8	5717.4	5323.9	4918.8	4515.8	4121.1	3715.8	3332.0	2959.3	2593.5	2241.7
17.5°	6428.6	6026.5	5612.8	5175.4	4745.1	4325.7	3906.2	3495.8	3103.1	2720.8	2357.8
15°	6734.9	6308.2	5868.3	5410.8	4953.5	4504.3	4070.9	3640.0	3232.2	2833.9	2460.9
12.5°	7013.0	6560.8	6099.7	5617.3	5137.5	4662.4	4210.9	3769.9	3344.9	2934.7	2547.8
10°	7240.3	6769.9	6290.8	5796.1	5296.4	4800.0	4327.0	3874.7	3435.7	3014.9	2620.2
7.5°	7424.8	6934.3	6436.7	5937.5	5422.8	4915.0	4423.8	3953.9	3506.6	3073.6	2677.2
5°	7568.8	7063.7	6548.4	6041.6	5514.0	4995.5	4496.1	4007.2	3556.4	3111.3	2718.1
2.5°	7667.6	7151.8	6617.8	6104.3	5573.2	5045.6	4549.9	4048.5	3591.8	3150.9	2754.0
0°	7727.5	7217.6	6669.9	6147.8	5627.0	5073.2	4586.5	4076.6	3607.0	3176.4	2772.6
-2.5°	7667.6	7151.8	6617.8	6104.3	5573.2	5045.6	4549.9	4048.5	3591.8	3150.9	2754.0
-5°	7568.8	7063.7	6548.4	6041.6	5514.0	4995.5	4496.1	4007.2	3556.4	3111.3	2718.1
-7.5°	7424.8	6934.3	6436.7	5937.5	5422.8	4915.0	4423.8	3953.9	3506.6	3073.6	2677.2
-10°	7240.3	6769.9	6290.8	5796.1	5296.4	4800.0	4327.0	3874.7	3435.7	3014.9	2620.2
-12.5°	7013.0	6560.8	6099.7	5617.3	5137.5	4662.4	4210.9	3769.9	3344.9	2934.7	2547.8
-15°	6734.9	6308.2	5868.3	5410.8	4953.5	4504.3	4070.9	3640.0	3232.2	2833.9	2460.9
-17.5°	6428.6	6026.5	5612.8	5175.4	4745.1	4325.7	3906.2	3495.8	3103.1	2720.8	2357.8
-20°	6096.8	5717.4	5323.9	4918.8	4515.8	4121.1	3715.8	3332.0	2959.3	2593.5	2241.7



REPORT NUMBER: P558883 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5721.3	5376.7	5011.9	4637.8	4273.9	3890.9	3514.2	3153.2	2800.3	2447.2	2113.5
-25°	5329.1	5021.3	4689.6	4350.5	4003.6	3639.8	3302.2	2962.3	2623.9	2290.7	1975.6
-27.5°	4935.4	4654.4	4355.4	4038.5	3707.7	3395.5	3077.7	2754.5	2433.0	2126.4	1834.5
-30°	4536.3	4277.7	4002.7	3711.2	3421.9	3130.8	2835.2	2537.0	2238.3	1950.4	1678.5
-32.5°	4129.8	3896.4	3644.0	3388.5	3123.0	2851.0	2582.5	2310.5	2031.6	1772.4	1510.1
-35°	3726.5	3513.6	3288.3	3057.7	2812.3	2570.7	2322.9	2072.3	1828.2	1585.1	1334.6
-37.5°	3326.9	3134.4	2939.7	2728.4	2510.7	2288.7	2063.8	1843.3	1620.1	1392.4	1130.4
-40°	2942.5	2774.8	2595.7	2404.0	2213.0	2010.9	1818.3	1618.1	1409.2	1176.2	905.5
-42.5°	2567.7	2416.3	2259.4	2097.9	1925.8	1755.7	1577.1	1386.7	1172.0	925.4	685.3
-45°	2214.4	2089.1	1949.2	1804.8	1654.4	1494.5	1325.8	1122.8	899.1	684.3	462.5
-47.5°	1887.3	1770.8	1646.0	1513.4	1373.1	1217.1	1028.6	830.8	644.7	458.0	376.5
-50°	1550.2	1443.6	1331.2	1208.1	1056.0	891.0	729.9	569.2	437.9	363.0	303.2
-52.5°	1194.3	1091.9	977.8	852.5	725.1	589.6	455.9	399.2	334.0	293.8	263.9
-55°	810.6	725.6	634.8	530.0	431.8	388.0	339.4	301.1	277.5	250.4	232.6
-57.5°	483.7	424.9	390.5	352.5	310.9	287.8	271.1	251.9	235.5	219.4	204.5
-60°	325.0	294.9	282.5	268.8	253.5	238.4	228.3	216.0	201.5	189.9	178.1
-62.5°	248.2	243.6	231.3	220.1	211.9	205.6	193.7	181.1	171.3	162.7	151.1
-65°	188.7	179.6	173.8	173.4	168.8	159.5	150.3	145.8	140.8	132.4	123.5
-67.5°	150.3	145.8	141.8	136.3	131.7	127.0	124.4	119.8	113.6	106.1	100.9
-70°	125.1	122.2	119.0	115.5	111.8	107.8	103.5	98.1	91.3	83.9	79.8
-72.5°	103.6	101.8	99.4	96.3	92.8	89.3	85.0	79.4	72.9	65.5	59.6
-75°	85.7	84.8	83.3	80.5	77.2	73.6	69.1	62.4	54.0	43.8	36.7
-77.5°	65.8	65.7	65.2	62.9	60.8	59.0	55.7	45.9	36.3	27.9	23.7
-80°	41.2	43.3	44.7	43.3	41.5	39.2	35.9	29.4	23.7	18.9	16.0
-82.5°	23.9	24.6	24.8	23.3	21.9	20.6	19.2	16.0	13.1	10.6	8.6
-85°	6.6	6.4	6.2	6.7	7.0	7.3	7.4	6.5	5.7	5.0	4.4
-87.5°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.2	1.4	1.6	1.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558883 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.6	1.5	1.5	1.4	1.5	1.5	1.6	1.6	1.4	1.3	1.1
85°	4.5	4.3	4.1	3.7	3.4	3.1	3.1	3.1	2.8	2.5	2.2
82.5°	8.6	8.7	8.8	8.7	8.6	8.3	7.7	6.9	5.4	4.0	3.3
80°	17.9	18.9	19.0	17.8	15.6	13.6	13.0	12.0	9.9	7.9	5.9
77.5°	27.3	30.0	31.6	31.0	27.6	24.3	21.2	17.9	14.3	11.7	9.2
75°	37.4	40.8	43.5	43.4	39.8	35.0	30.8	26.4	21.2	15.8	12.5
72.5°	56.6	55.3	55.7	56.0	52.9	48.3	42.1	34.8	28.8	22.6	16.4
70°	76.0	71.0	67.6	66.9	65.4	61.9	55.7	46.4	36.4	29.4	22.3
67.5°	96.3	91.3	84.8	79.1	77.0	74.0	69.2	58.3	46.5	36.0	28.1
65°	117.2	111.2	105.0	96.7	90.4	86.1	81.3	69.6	56.3	44.2	33.9
62.5°	140.0	130.2	122.3	113.3	104.7	98.2	93.0	80.4	65.8	52.0	40.0
60°	165.1	152.5	139.7	129.0	118.7	109.6	102.2	91.2	76.1	59.5	46.2
57.5°	190.5	175.1	159.2	145.0	132.9	121.5	110.9	100.3	86.4	68.5	51.7
55°	216.1	199.0	178.7	161.4	147.0	134.3	120.4	108.5	96.1	78.0	56.0
52.5°	240.7	221.3	199.7	178.2	160.6	146.2	130.9	116.7	103.6	87.4	62.4
50°	270.9	242.7	220.0	196.7	174.0	157.2	140.7	125.4	111.2	96.0	68.3
47.5°	305.7	270.1	240.1	214.7	190.3	168.0	150.5	133.6	118.6	102.7	73.4
45°	375.3	301.3	263.6	233.4	205.6	181.0	160.2	141.2	125.4	105.6	77.8
42.5°	454.8	359.4	291.2	251.7	222.1	194.0	169.7	149.6	131.7	107.5	80.2
40°	646.1	432.0	328.5	276.2	238.7	206.1	180.5	158.0	137.0	108.6	81.1
37.5°	842.6	566.8	393.9	300.0	256.4	221.0	190.6	166.0	139.3	109.8	81.4
35°	1042.0	743.0	458.1	343.0	277.5	235.4	199.9	174.0	144.4	111.0	81.0
32.5°	1231.3	913.2	605.3	400.0	297.9	249.3	210.8	182.0	150.9	112.1	79.9
30°	1393.6	1078.5	751.1	454.4	326.2	266.5	222.9	189.6	158.7	113.2	78.7
27.5°	1541.3	1232.8	888.2	559.7	373.1	283.1	234.3	196.6	167.6	115.9	78.9
25°	1677.2	1364.5	1020.5	675.2	417.1	298.9	244.6	203.4	174.6	121.9	79.0
22.5°	1797.2	1481.7	1141.5	780.4	456.8	314.3	255.7	211.9	179.9	128.3	78.8
20°	1904.9	1588.2	1251.5	877.5	522.1	347.2	267.7	219.5	184.8	134.8	78.4
17.5°	2001.8	1680.8	1344.0	969.7	600.1	376.2	278.6	226.2	189.2	141.4	77.6
15°	2096.4	1759.5	1422.5	1051.2	668.8	401.4	288.5	231.9	193.0	147.8	77.2
12.5°	2175.9	1826.8	1488.7	1121.7	727.8	422.7	297.1	236.6	196.3	153.5	76.7
10°	2239.7	1882.3	1542.6	1180.6	777.0	440.0	304.5	240.2	198.8	158.2	75.2
7.5°	2287.8	1925.7	1584.2	1227.7	815.8	454.3	309.2	242.2	200.9	162.0	72.8
5°	2322.4	1958.5	1614.4	1262.5	843.9	466.0	312.2	243.3	202.4	164.6	69.7
2.5°	2351.1	1981.5	1633.4	1284.7	861.1	474.0	313.6	243.4	203.4	166.0	66.1
0°	2365.2	1991.9	1640.6	1294.2	867.3	478.2	313.5	242.7	203.7	165.9	62.2
-2.5°	2351.1	1981.5	1633.4	1284.7	861.1	474.0	313.6	243.4	203.4	166.0	66.1
-5°	2322.4	1958.5	1614.4	1262.5	843.9	466.0	312.2	243.3	202.4	164.6	69.7
-7.5°	2287.8	1925.7	1584.2	1227.7	815.8	454.3	309.2	242.2	200.9	162.0	72.8
-10°	2239.7	1882.3	1542.6	1180.6	777.0	440.0	304.5	240.2	198.8	158.2	75.2
-12.5°	2175.9	1826.8	1488.7	1121.7	727.8	422.7	297.1	236.6	196.3	153.5	76.7
-15°	2096.4	1759.5	1422.5	1051.2	668.8	401.4	288.5	231.9	193.0	147.8	77.2
-17.5°	2001.8	1680.8	1344.0	969.7	600.1	376.2	278.6	226.2	189.2	141.4	77.6
-20°	1904.9	1588.2	1251.5	877.5	522.1	347.2	267.7	219.5	184.8	134.8	78.4



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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°	1797.2	1481.7	1141.5	780.4	456.8	314.3	255.7	211.9	179.9	128.3	78.8
-25°	1677.2	1364.5	1020.5	675.2	417.1	298.9	244.6	203.4	174.6	121.9	79.0
-27.5°	1541.3	1232.8	888.2	559.7	373.1	283.1	234.3	196.6	167.6	115.9	78.9
-30°	1393.6	1078.5	751.1	454.4	326.2	266.5	222.9	189.6	158.7	113.2	78.7
-32.5°	1231.3	913.2	605.3	400.0	297.9	249.3	210.8	182.0	150.9	112.1	79.9
-35°	1042.0	743.0	458.1	343.0	277.5	235.4	199.9	174.0	144.4	111.0	81.0
-37.5°	842.6	566.8	393.9	300.0	256.4	221.0	190.6	166.0	139.3	109.8	81.4
-40°	646.1	432.0	328.5	276.2	238.7	206.1	180.5	158.0	137.0	108.6	81.1
-42.5°	454.8	359.4	291.2	251.7	222.1	194.0	169.7	149.6	131.7	107.5	80.2
-45°	375.3	301.3	263.6	233.4	205.6	181.0	160.2	141.2	125.4	105.6	77.8
-47.5°	305.7	270.1	240.1	214.7	190.3	168.0	150.5	133.6	118.6	102.7	73.4
-50°	270.9	242.7	220.0	196.7	174.0	157.2	140.7	125.4	111.2	96.0	68.3
-52.5°	240.7	221.3	199.7	178.2	160.6	146.2	130.9	116.7	103.6	87.4	62.4
-55°	216.1	199.0	178.7	161.4	147.0	134.3	120.4	108.5	96.1	78.0	56.0
-57.5°	190.5	175.1	159.2	145.0	132.9	121.5	110.9	100.3	86.4	68.5	51.7
-60°	165.1	152.5	139.7	129.0	118.7	109.6	102.2	91.2	76.1	59.5	46.2
-62.5°	140.0	130.2	122.3	113.3	104.7	98.2	93.0	80.4	65.8	52.0	40.0
-65°	117.2	111.2	105.0	96.7	90.4	86.1	81.3	69.6	56.3	44.2	33.9
-67.5°	96.3	91.3	84.8	79.1	77.0	74.0	69.2	58.3	46.5	36.0	28.1
-70°	76.0	71.0	67.6	66.9	65.4	61.9	55.7	46.4	36.4	29.4	22.3
-72.5°	56.6	55.3	55.7	56.0	52.9	48.3	42.1	34.8	28.8	22.6	16.4
-75°	37.4	40.8	43.5	43.4	39.8	35.0	30.8	26.4	21.2	15.8	12.5
-77.5°	27.3	30.0	31.6	31.0	27.6	24.3	21.2	17.9	14.3	11.7	9.2
-80°	17.9	18.9	19.0	17.8	15.6	13.6	13.0	12.0	9.9	7.9	5.9
-82.5°	8.6	8.7	8.8	8.7	8.6	8.3	7.7	6.9	5.4	4.0	3.3
-85°	4.5	4.3	4.1	3.7	3.4	3.1	3.1	3.1	2.8	2.5	2.2
-87.5°	1.6	1.5	1.5	1.4	1.5	1.5	1.6	1.6	1.4	1.3	1.1
-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°	1.0	0.8	0.6	0.5	0.3	0.2	0.0
85°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
82.5°	2.9	2.4	1.9	1.4	1.0	0.5	0.0
80°	4.0	3.2	2.6	1.9	1.3	0.6	0.0
77.5°	6.7	4.4	3.2	2.4	1.6	0.8	0.0
75°	9.4	6.3	3.9	2.9	1.9	1.0	0.0
72.5°	11.9	8.2	5.2	3.3	2.2	1.1	0.0
70°	14.7	9.9	6.4	3.8	2.5	1.3	0.0
67.5°	19.2	11.6	7.6	4.6	2.8	1.4	0.0
65°	23.4	13.9	8.7	5.3	3.1	1.6	0.0
62.5°	27.3	16.7	9.7	5.9	3.4	1.7	0.0
60°	30.9	19.2	10.7	6.5	3.7	1.8	0.0
57.5°	34.5	21.5	12.2	7.1	4.1	2.0	0.0
55°	37.7	23.6	13.6	7.6	4.4	2.1	0.0
52.5°	40.5	25.4	14.8	8.1	4.7	2.3	0.0
50°	42.8	27.0	15.8	8.6	5.1	2.4	0.0
47.5°	44.9	28.4	16.7	9.0	5.4	2.5	0.0
45°	48.5	29.4	17.3	9.5	5.7	2.6	0.0
42.5°	51.5	30.1	17.8	9.9	6.0	2.7	0.0
40°	54.0	30.4	18.1	10.3	6.3	2.8	0.0
37.5°	55.8	30.4	18.3	10.8	6.5	2.9	0.0
35°	57.0	31.1	18.2	11.3	6.8	3.0	0.0
32.5°	57.2	31.9	18.0	11.7	7.0	3.1	0.0
30°	56.1	32.3	17.5	12.1	7.2	3.2	0.0
27.5°	54.6	32.3	18.0	12.5	7.4	3.3	0.0
25°	52.6	32.0	18.5	12.9	7.6	3.4	0.0
22.5°	50.2	32.0	19.0	13.2	7.8	3.4	0.0
20°	47.4	33.5	19.5	13.5	7.9	3.5	0.0
17.5°	46.9	34.8	20.0	13.7	8.1	3.5	0.0
15°	47.9	35.9	20.4	14.0	8.2	3.6	0.0
12.5°	48.7	36.9	20.8	14.2	8.3	3.6	0.0
10°	49.5	37.6	21.1	14.3	8.4	3.6	0.0
7.5°	50.1	38.2	21.4	14.4	8.4	3.7	0.0
5°	50.6	38.7	21.7	14.5	8.5	3.7	0.0
2.5°	51.0	38.9	21.9	14.6	8.5	3.7	0.0
0°	51.2	39.0	22.0	14.6	8.5	3.7	0.0
-2.5°	51.0	38.9	21.9	14.6	8.5	3.7	0.0
-5°	50.6	38.7	21.7	14.5	8.5	3.7	0.0
-7.5°	50.1	38.2	21.4	14.4	8.4	3.7	0.0
-10°	49.5	37.6	21.1	14.3	8.4	3.6	0.0
-12.5°	48.7	36.9	20.8	14.2	8.3	3.6	0.0
-15°	47.9	35.9	20.4	14.0	8.2	3.6	0.0
-17.5°	46.9	34.8	20.0	13.7	8.1	3.5	0.0
-20°	47.4	33.5	19.5	13.5	7.9	3.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	50.2	32.0	19.0	13.2	7.8	3.4	0.0
-25°	52.6	32.0	18.5	12.9	7.6	3.4	0.0
-27.5°	54.6	32.3	18.0	12.5	7.4	3.3	0.0
-30°	56.1	32.3	17.5	12.1	7.2	3.2	0.0
-32.5°	57.2	31.9	18.0	11.7	7.0	3.1	0.0
-35°	57.0	31.1	18.2	11.3	6.8	3.0	0.0
-37.5°	55.8	30.4	18.3	10.8	6.5	2.9	0.0
-40°	54.0	30.4	18.1	10.3	6.3	2.8	0.0
-42.5°	51.5	30.1	17.8	9.9	6.0	2.7	0.0
-45°	48.5	29.4	17.3	9.5	5.7	2.6	0.0
-47.5°	44.9	28.4	16.7	9.0	5.4	2.5	0.0
-50°	42.8	27.0	15.8	8.6	5.1	2.4	0.0
-52.5°	40.5	25.4	14.8	8.1	4.7	2.3	0.0
-55°	37.7	23.6	13.6	7.6	4.4	2.1	0.0
-57.5°	34.5	21.5	12.2	7.1	4.1	2.0	0.0
-60°	30.9	19.2	10.7	6.5	3.7	1.8	0.0
-62.5°	27.3	16.7	9.7	5.9	3.4	1.7	0.0
-65°	23.4	13.9	8.7	5.3	3.1	1.6	0.0
-67.5°	19.2	11.6	7.6	4.6	2.8	1.4	0.0
-70°	14.7	9.9	6.4	3.8	2.5	1.3	0.0
-72.5°	11.9	8.2	5.2	3.3	2.2	1.1	0.0
-75°	9.4	6.3	3.9	2.9	1.9	1.0	0.0
-77.5°	6.7	4.4	3.2	2.4	1.6	0.8	0.0
-80°	4.0	3.2	2.6	1.9	1.3	0.6	0.0
-82.5°	2.9	2.4	1.9	1.4	1.0	0.5	0.0
-85°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
-87.5°	1.0	0.8	0.6	0.5	0.3	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)