

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: P558955 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-930-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558955 (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-SA4D-930-U-WR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (64) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

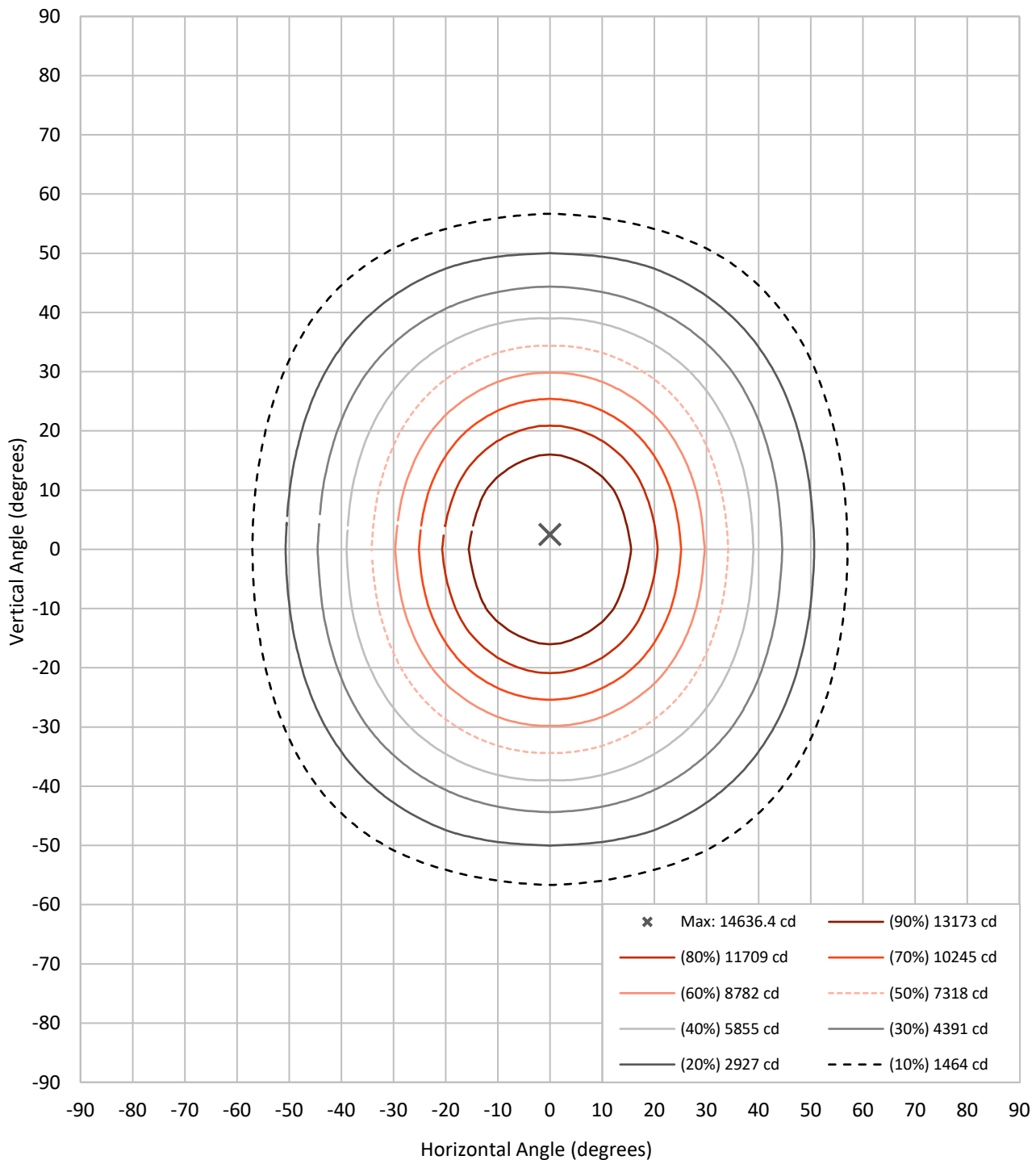
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	19809 lumens	Max Intensity:	14636.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	91.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	11876.9 lumens	Field Lumens:	18922.9 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 217
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





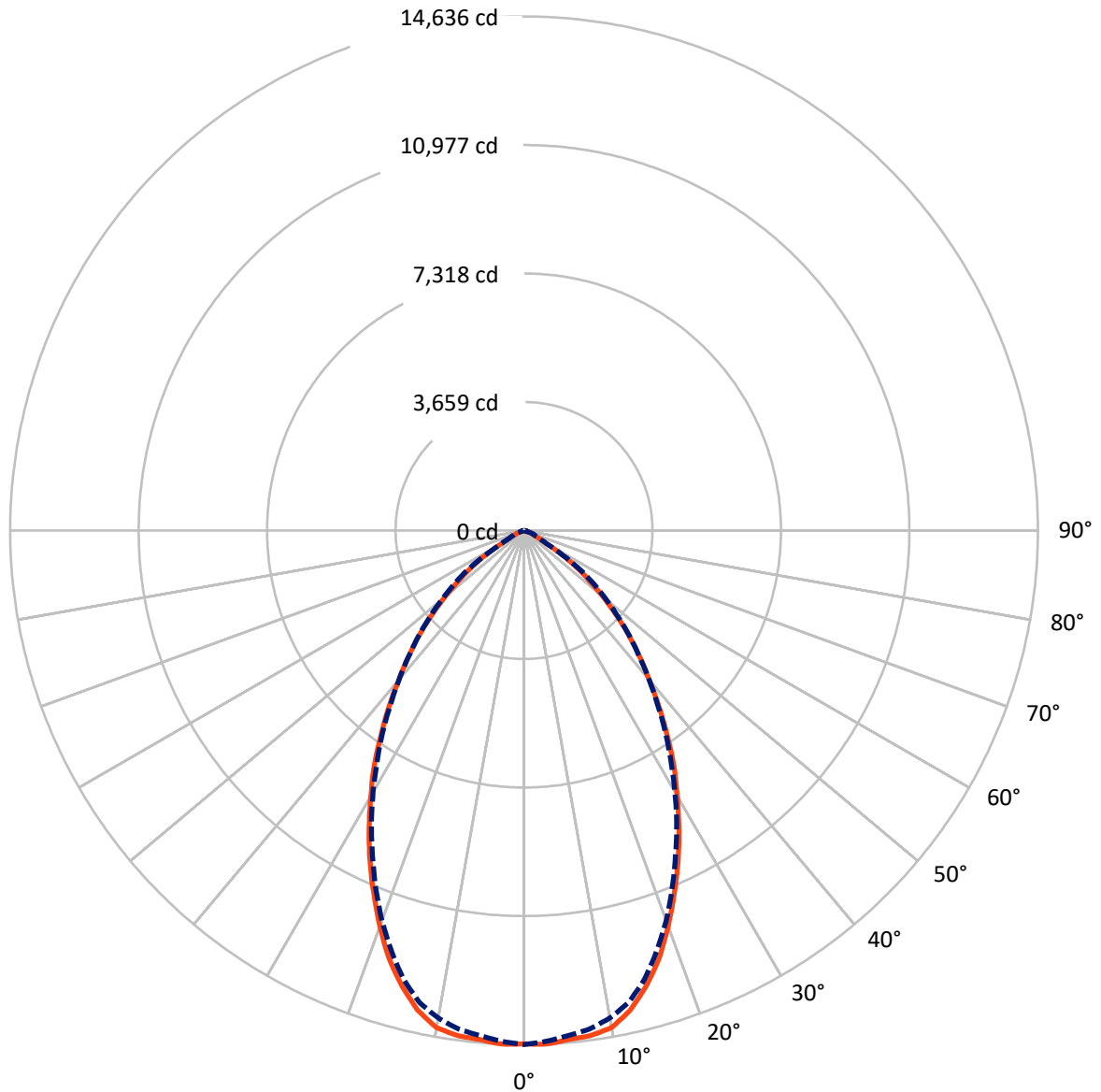
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Lumen Table

90															90				
80	0.2	1.9		4.8		8.3		5.8		8.3		4.8		1.9		0.2			
70															70				
60	0.9	1.4	2.6	4.2	6.1	8.0	9.8	11.1	11.1	9.8	8.0	6.1	4.2	2.6	1.4	0.9			
50		2.2	4.4	8.0	15.4	29.8	44.7	53.5	53.5	44.7	29.8	15.4	8.0	4.4	2.2				
40	1.6	2.9	6.5	19.0	49.9	83.0	110.4	125.9	125.9	110.4	83.0	49.9	19.0	6.5	2.9	1.6			
30		3.5	11.2	43.7	89.7	140.0	185.5	212.7	212.7	185.5	140.0	89.7	43.7	11.2	3.5				
20	1.7	4.2	20.3	66.1	127.2	199.0	266.1	308.2	308.2	266.1	199.0	127.2	66.1	20.3	4.2	1.7			
10		5.0	28.9	82.3	156.7	248.7	338.7	395.7	395.7	338.7	248.7	156.7	82.3	28.9	5.0				
0	1.8	5.5	33.8	91.0	173.4	277.9	380.5	435.0	435.0	380.5	277.9	173.4	91.0	33.8	5.5	1.8			
-10		5.5	33.8	91.0	173.4	277.9	380.5	435.0	435.0	380.5	277.9	173.4	91.0	33.8	5.5				
-20	1.7	5.0	28.9	82.3	156.7	248.7	338.7	395.7	395.7	338.7	248.7	156.7	82.3	28.9	5.0	1.7			
-30		4.2	20.3	66.1	127.2	199.0	266.1	308.2	308.2	266.1	199.0	127.2	66.1	20.3	4.2				
-40	1.6	3.5	11.2	43.7	89.7	140.0	185.5	212.7	212.7	185.5	140.0	89.7	43.7	11.2	3.5	1.6			
-50		2.9	6.5	19.0	49.9	83.0	110.4	125.9	125.9	110.4	83.0	49.9	19.0	6.5	2.9				
-60	0.9	2.2	4.4	8.0	15.4	29.8	44.7	53.5	53.5	44.7	29.8	15.4	8.0	4.4	2.2	0.9			
-70		1.4	2.6	4.2	6.1	8.0	9.8	11.1	11.1	9.8	8.0	6.1	4.2	2.6	1.4				
-80															-80				
-90	0.2	1.9		4.8		8.3		5.8		8.3		4.8		1.9		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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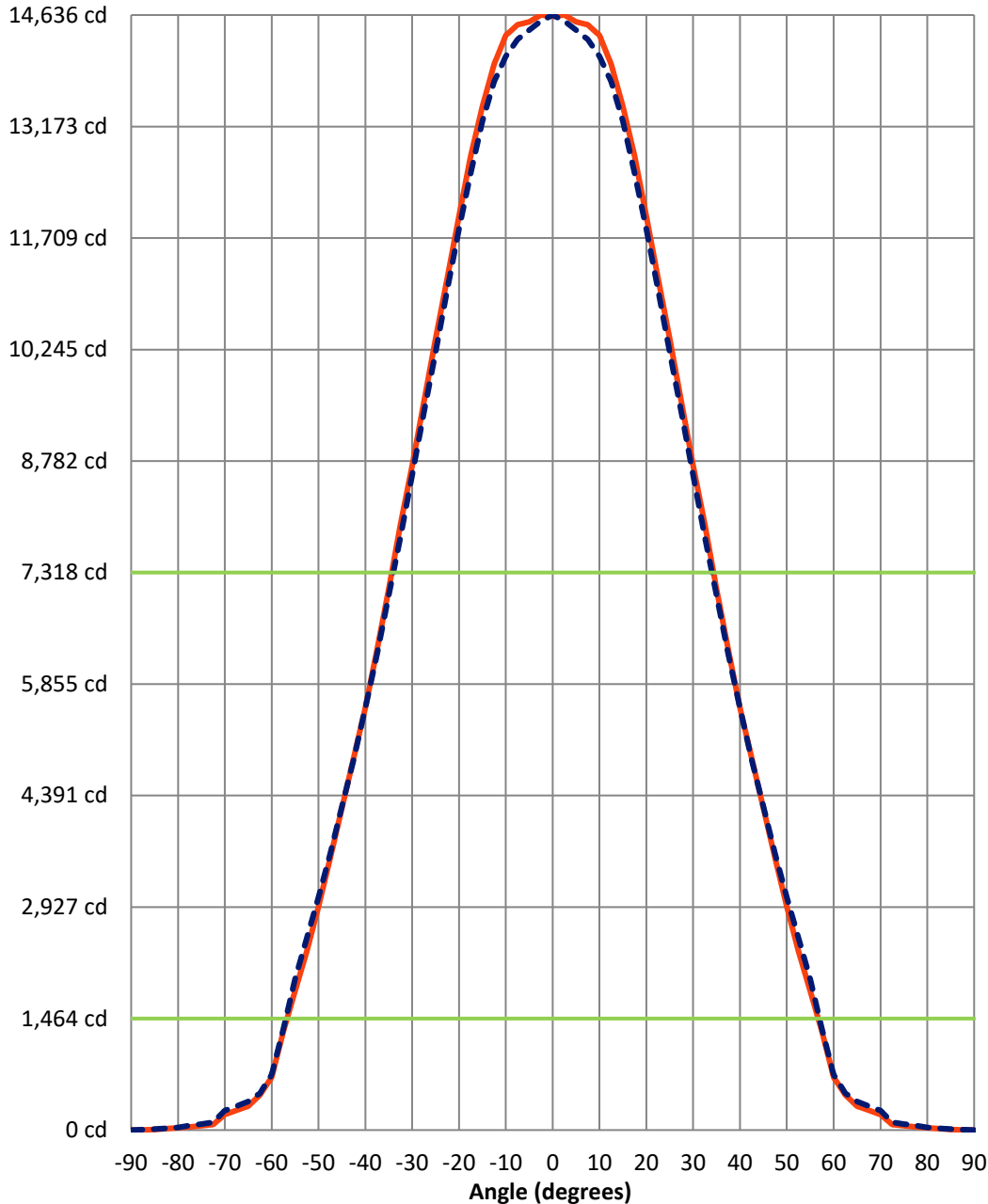
Luminous Intensity Polar Plot



— 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: 11876.9
 Efficiency: 60.0%

Field:
 H Angle: 114°
 V Angle: 113.4°
 Lumens: 18922.9
 Efficiency: 95.5%

Spill:
 Lumens: 886.1
 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	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.4
85°	0.0	0.5	1.0	1.5	1.9	2.4	2.9	3.4	3.8	4.3	4.7
82.5°	0.0	0.7	1.5	2.2	2.9	3.6	4.3	5.0	6.0	8.3	10.6
80°	0.0	1.0	1.9	2.9	3.9	4.8	6.1	9.0	12.1	15.2	18.5
77.5°	0.0	1.2	2.4	3.6	4.8	6.7	10.3	14.2	18.1	22.1	27.6
75°	0.0	1.4	2.9	4.3	6.0	9.7	14.5	19.2	24.4	32.6	40.7
72.5°	0.0	1.7	3.4	5.0	7.9	12.6	18.5	25.3	34.9	44.4	53.7
70°	0.0	1.9	3.8	5.8	9.9	15.3	22.7	34.4	45.3	56.1	71.5
67.5°	0.0	2.1	4.3	7.0	11.7	18.0	29.7	43.4	55.6	71.7	89.9
65°	0.0	2.4	4.7	8.1	13.4	21.5	36.1	52.2	68.2	86.8	107.3
62.5°	0.0	2.6	5.2	9.1	15.1	25.8	42.2	61.7	80.2	101.5	124.0
60°	0.0	2.8	5.6	10.1	16.6	29.7	47.7	71.2	91.7	117.4	140.8
57.5°	0.0	3.0	6.2	11.0	18.9	33.2	53.2	79.7	105.6	133.3	154.8
55°	0.0	3.2	6.7	11.8	21.0	36.4	58.2	86.3	120.3	148.2	167.4
52.5°	0.0	3.4	7.2	12.6	22.9	39.2	62.4	96.1	134.9	159.9	180.1
50°	0.0	3.6	7.8	13.3	24.5	41.7	65.9	105.3	148.1	171.5	193.4
47.5°	0.0	3.8	8.3	14.0	25.8	43.8	69.3	113.3	158.5	183.0	206.1
45°	0.0	4.0	8.7	14.7	26.8	45.4	74.8	120.0	163.0	193.5	217.8
42.5°	0.0	4.1	9.2	15.3	27.6	46.4	79.5	123.8	165.9	203.2	230.8
40°	0.0	4.3	9.6	16.0	28.1	46.9	83.3	125.2	167.6	211.4	243.6
37.5°	0.0	4.4	10.1	16.7	28.3	46.9	86.0	125.6	169.4	214.9	256.1
35°	0.0	4.6	10.4	17.5	28.2	48.0	87.9	124.9	171.2	222.8	268.4
32.5°	0.0	4.7	10.8	18.2	27.8	49.3	88.3	123.2	172.9	232.8	280.7
30°	0.0	4.8	11.2	18.8	27.1	49.9	86.6	121.4	174.6	244.7	292.3
27.5°	0.0	5.0	11.5	19.4	27.8	49.9	84.2	121.8	178.9	258.4	303.3
25°	0.0	5.1	11.8	19.9	28.6	49.3	81.2	121.9	188.1	269.3	313.6
22.5°	0.0	5.2	12.0	20.4	29.4	49.3	77.5	121.6	197.9	277.5	326.9
20°	0.0	5.3	12.3	20.9	30.2	51.6	73.2	120.9	208.0	285.0	338.6
17.5°	0.0	5.3	12.5	21.3	30.9	53.7	72.4	119.8	218.1	291.7	348.9
15°	0.0	5.4	12.7	21.6	31.5	55.4	73.9	119.2	228.0	297.7	357.7
12.5°	0.0	5.5	12.8	21.9	32.1	56.9	75.2	118.4	236.8	302.8	365.0
10°	0.0	5.5	13.0	22.2	32.6	58.1	76.3	116.0	244.0	306.7	370.5
7.5°	0.0	5.6	13.1	22.4	33.0	59.0	77.3	112.4	249.8	309.8	373.6
5°	0.0	5.6	13.1	22.5	33.4	59.7	78.1	107.6	253.9	312.2	375.3
2.5°	0.0	5.6	13.2	22.6	33.9	60.2	79.0	96.0	255.9	314.2	374.4
0°	0.0	5.6	13.2	22.6	33.9	60.2	79.0	96.0	255.9	314.2	374.4
-2.5°	0.0	5.6	13.2	22.6	33.7	60.1	78.6	102.1	256.0	313.7	375.5
-5°	0.0	5.6	13.1	22.5	33.4	59.7	78.1	107.6	253.9	312.2	375.3
-7.5°	0.0	5.6	13.1	22.4	33.0	59.0	77.3	112.4	249.8	309.8	373.6
-10°	0.0	5.5	13.0	22.2	32.6	58.1	76.3	116.0	244.0	306.7	370.5
-12.5°	0.0	5.5	12.8	21.9	32.1	56.9	75.2	118.4	236.8	302.8	365.0
-15°	0.0	5.4	12.7	21.6	31.5	55.4	73.9	119.2	228.0	297.7	357.7
-17.5°	0.0	5.3	12.5	21.3	30.9	53.7	72.4	119.8	218.1	291.7	348.9
-20°	0.0	5.3	12.3	20.9	30.2	51.6	73.2	120.9	208.0	285.0	338.6



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 CATALOG NUMBER: GFLD-SA4D-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	5.2	12.0	20.4	29.4	49.3	77.5	121.6	197.9	277.5	326.9
-25°	0.0	5.1	11.8	19.9	28.6	49.3	81.2	121.9	188.1	269.3	313.6
-27.5°	0.0	5.0	11.5	19.4	27.8	49.9	84.2	121.8	178.9	258.4	303.3
-30°	0.0	4.8	11.2	18.8	27.1	49.9	86.6	121.4	174.6	244.7	292.3
-32.5°	0.0	4.7	10.8	18.2	27.8	49.3	88.3	123.2	172.9	232.8	280.7
-35°	0.0	4.6	10.4	17.5	28.2	48.0	87.9	124.9	171.2	222.8	268.4
-37.5°	0.0	4.4	10.1	16.7	28.3	46.9	86.0	125.6	169.4	214.9	256.1
-40°	0.0	4.3	9.6	16.0	28.1	46.9	83.3	125.2	167.6	211.4	243.6
-42.5°	0.0	4.1	9.2	15.3	27.6	46.4	79.5	123.8	165.9	203.2	230.8
-45°	0.0	4.0	8.7	14.7	26.8	45.4	74.8	120.0	163.0	193.5	217.8
-47.5°	0.0	3.8	8.3	14.0	25.8	43.8	69.3	113.3	158.5	183.0	206.1
-50°	0.0	3.6	7.8	13.3	24.5	41.7	65.9	105.3	148.1	171.5	193.4
-52.5°	0.0	3.4	7.2	12.6	22.9	39.2	62.4	96.1	134.9	159.9	180.1
-55°	0.0	3.2	6.7	11.8	21.0	36.4	58.2	86.3	120.3	148.2	167.4
-57.5°	0.0	3.0	6.2	11.0	18.9	33.2	53.2	79.7	105.6	133.3	154.8
-60°	0.0	2.8	5.6	10.1	16.6	29.7	47.7	71.2	91.7	117.4	140.8
-62.5°	0.0	2.6	5.2	9.1	15.1	25.8	42.2	61.7	80.2	101.5	124.0
-65°	0.0	2.4	4.7	8.1	13.4	21.5	36.1	52.2	68.2	86.8	107.3
-67.5°	0.0	2.1	4.3	7.0	11.7	18.0	29.7	43.4	55.6	71.7	89.9
-70°	0.0	1.9	3.8	5.8	9.9	15.3	22.7	34.4	45.3	56.1	71.5
-72.5°	0.0	1.7	3.4	5.0	7.9	12.6	18.5	25.3	34.9	44.4	53.7
-75°	0.0	1.4	2.9	4.3	6.0	9.7	14.5	19.2	24.4	32.6	40.7
-77.5°	0.0	1.2	2.4	3.6	4.8	6.7	10.3	14.2	18.1	22.1	27.6
-80°	0.0	1.0	1.9	2.9	3.9	4.8	6.1	9.0	12.1	15.2	18.5
-82.5°	0.0	0.7	1.5	2.2	2.9	3.6	4.3	5.0	6.0	8.3	10.6
-85°	0.0	0.5	1.0	1.5	1.9	2.4	2.9	3.4	3.8	4.3	4.7
-87.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-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°	2.4	2.4	2.3	2.2	2.3	2.4	2.6	2.7	2.5	2.2	1.9
85°	4.8	4.7	5.3	5.7	6.3	6.7	6.9	6.9	7.7	8.8	10.0
82.5°	11.9	12.7	13.2	13.3	13.5	13.5	13.3	13.3	16.3	20.3	24.7
80°	20.0	20.9	24.0	27.4	29.2	29.2	27.6	24.6	29.2	36.5	45.3
77.5°	32.6	37.5	42.5	47.7	48.7	46.2	42.1	36.6	43.1	56.1	70.8
75°	47.5	54.0	61.4	67.0	67.0	63.0	57.7	56.6	67.6	83.3	96.2
72.5°	64.9	74.5	81.6	86.4	86.0	85.3	87.4	92.0	101.0	112.5	122.5
70°	86.0	95.5	100.8	103.3	104.2	109.4	117.2	123.1	129.5	140.8	151.3
67.5°	106.9	114.2	118.8	122.0	130.8	140.8	148.6	155.7	163.6	175.3	184.8
65°	125.4	132.9	139.5	149.2	162.1	171.5	180.8	190.4	204.2	217.1	224.9
62.5°	143.6	151.5	161.5	174.8	188.7	200.8	215.9	233.0	250.8	264.1	279.3
60°	157.7	169.0	183.1	198.9	215.4	235.2	254.6	274.6	292.9	310.8	333.1
57.5°	171.1	187.4	205.1	223.6	245.5	270.1	293.8	315.5	338.5	363.2	388.5
55°	185.7	207.1	226.8	248.9	275.7	306.9	333.2	358.8	386.3	428.0	464.5
52.5°	201.8	225.5	247.7	274.8	308.0	341.3	371.3	407.1	453.1	515.2	615.8
50°	217.0	242.4	268.4	303.3	339.3	374.4	417.8	467.6	559.9	675.5	878.0
47.5°	232.1	259.1	293.4	331.2	370.3	416.7	471.6	580.7	706.5	994.4	1281.4
45°	247.1	279.1	317.1	359.9	406.6	464.7	578.9	713.4	1055.5	1386.8	1731.9
42.5°	261.7	299.2	342.6	388.3	449.2	554.4	701.5	1057.0	1427.3	1807.8	2139.0
40°	278.3	317.9	368.2	426.1	506.7	666.4	996.6	1396.8	1814.2	2173.6	2495.9
37.5°	294.0	340.8	395.4	462.8	607.7	874.4	1299.7	1743.6	2147.8	2499.0	2843.2
35°	308.3	363.0	428.1	529.1	706.6	1146.2	1607.2	2058.6	2445.0	2820.0	3196.5
32.5°	325.1	384.5	459.4	617.0	933.7	1408.6	1899.2	2329.3	2733.9	3133.8	3563.9
30°	343.7	411.0	503.1	700.8	1158.5	1663.5	2149.6	2589.0	3008.5	3452.6	3913.2
27.5°	361.3	436.7	575.5	863.3	1370.0	1901.6	2377.4	2829.6	3279.9	3752.8	4248.8
25°	377.2	461.1	643.3	1041.5	1574.1	2104.7	2587.0	3047.2	3533.4	4047.4	4569.2
22.5°	394.4	484.8	704.5	1203.7	1760.8	2285.5	2772.2	3260.0	3774.7	4319.4	4863.8
20°	412.9	535.5	805.2	1353.6	1930.5	2449.8	2938.3	3457.8	4000.5	4564.6	5139.6
17.5°	429.8	580.3	925.6	1495.7	2073.1	2592.7	3087.8	3636.9	4196.8	4786.5	5392.1
15°	445.0	619.2	1031.6	1621.5	2194.2	2714.0	3233.7	3795.9	4371.2	4985.5	5614.6
12.5°	458.3	652.0	1122.7	1730.1	2296.3	2817.7	3356.3	3930.0	4526.7	5159.4	5815.0
10°	469.7	678.8	1198.5	1821.1	2379.4	2903.4	3454.6	4041.6	4650.5	5299.5	5976.6
7.5°	477.0	700.8	1258.5	1893.6	2443.5	2970.4	3528.8	4129.5	4741.0	5408.9	6098.8
5°	481.6	718.8	1301.8	1947.3	2490.2	3020.9	3582.3	4192.7	4799.1	5485.6	6181.1
2.5°	483.8	731.2	1328.2	1981.7	2519.5	3056.4	3626.5	4248.0	4860.2	5540.3	6244.7
0°	483.6	737.6	1337.8	1996.3	2530.6	3072.5	3648.3	4276.7	4899.5	5563.7	6288.1
-2.5°	483.8	731.2	1328.2	1981.7	2519.5	3056.4	3626.5	4248.0	4860.2	5540.3	6244.7
-5°	481.6	718.8	1301.8	1947.3	2490.2	3020.9	3582.3	4192.7	4799.1	5485.6	6181.1
-7.5°	477.0	700.8	1258.5	1893.6	2443.5	2970.4	3528.8	4129.5	4741.0	5408.9	6098.8
-10°	469.7	678.8	1198.5	1821.1	2379.4	2903.4	3454.6	4041.6	4650.5	5299.5	5976.6
-12.5°	458.3	652.0	1122.7	1730.1	2296.3	2817.7	3356.3	3930.0	4526.7	5159.4	5815.0
-15°	445.0	619.2	1031.6	1621.5	2194.2	2714.0	3233.7	3795.9	4371.2	4985.5	5614.6
-17.5°	429.8	580.3	925.6	1495.7	2073.1	2592.7	3087.8	3636.9	4196.8	4786.5	5392.1
-20°	412.9	535.5	805.2	1353.6	1930.5	2449.8	2938.3	3457.8	4000.5	4564.6	5139.6



REPORT NUMBER: P558955 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-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°	394.4	484.8	704.5	1203.7	1760.8	2285.5	2772.2	3260.0	3774.7	4319.4	4863.8
-25°	377.2	461.1	643.3	1041.5	1574.1	2104.7	2587.0	3047.2	3533.4	4047.4	4569.2
-27.5°	361.3	436.7	575.5	863.3	1370.0	1901.6	2377.4	2829.6	3279.9	3752.8	4248.8
-30°	343.7	411.0	503.1	700.8	1158.5	1663.5	2149.6	2589.0	3008.5	3452.6	3913.2
-32.5°	325.1	384.5	459.4	617.0	933.7	1408.6	1899.2	2329.3	2733.9	3133.8	3563.9
-35°	308.3	363.0	428.1	529.1	706.6	1146.2	1607.2	2058.6	2445.0	2820.0	3196.5
-37.5°	294.0	340.8	395.4	462.8	607.7	874.4	1299.7	1743.6	2147.8	2499.0	2843.2
-40°	278.3	317.9	368.2	426.1	506.7	666.4	996.6	1396.8	1814.2	2173.6	2495.9
-42.5°	261.7	299.2	342.6	388.3	449.2	554.4	701.5	1057.0	1427.3	1807.8	2139.0
-45°	247.1	279.1	317.1	359.9	406.6	464.7	578.9	713.4	1055.5	1386.8	1731.9
-47.5°	232.1	259.1	293.4	331.2	370.3	416.7	471.6	580.7	706.5	994.4	1281.4
-50°	217.0	242.4	268.4	303.3	339.3	374.4	417.8	467.6	559.9	675.5	878.0
-52.5°	201.8	225.5	247.7	274.8	308.0	341.3	371.3	407.1	453.1	515.2	615.8
-55°	185.7	207.1	226.8	248.9	275.7	306.9	333.2	358.8	386.3	428.0	464.5
-57.5°	171.1	187.4	205.1	223.6	245.5	270.1	293.8	315.5	338.5	363.2	388.5
-60°	157.7	169.0	183.1	198.9	215.4	235.2	254.6	274.6	292.9	310.8	333.1
-62.5°	143.6	151.5	161.5	174.8	188.7	200.8	215.9	233.0	250.8	264.1	279.3
-65°	125.4	132.9	139.5	149.2	162.1	171.5	180.8	190.4	204.2	217.1	224.9
-67.5°	106.9	114.2	118.8	122.0	130.8	140.8	148.6	155.7	163.6	175.3	184.8
-70°	86.0	95.5	100.8	103.3	104.2	109.4	117.2	123.1	129.5	140.8	151.3
-72.5°	64.9	74.5	81.6	86.4	86.0	85.3	87.4	92.0	101.0	112.5	122.5
-75°	47.5	54.0	61.4	67.0	67.0	63.0	57.7	56.6	67.6	83.3	96.2
-77.5°	32.6	37.5	42.5	47.7	48.7	46.2	42.1	36.6	43.1	56.1	70.8
-80°	20.0	20.9	24.0	27.4	29.2	29.2	27.6	24.6	29.2	36.5	45.3
-82.5°	11.9	12.7	13.2	13.3	13.5	13.5	13.3	13.3	16.3	20.3	24.7
-85°	4.8	4.7	5.3	5.7	6.3	6.7	6.9	6.9	7.7	8.8	10.0
-87.5°	2.4	2.4	2.3	2.2	2.3	2.4	2.6	2.7	2.5	2.2	1.9
-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: P558955 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-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°	1.6	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.9
85°	11.4	11.3	10.9	10.3	9.6	9.9	10.2	10.4	10.7	10.0	9.2
82.5°	29.5	31.7	33.7	35.9	38.3	37.9	36.8	35.3	33.3	29.7	25.7
80°	55.3	60.5	63.9	66.7	68.9	66.8	63.5	59.8	55.7	49.4	42.7
77.5°	85.9	91.1	93.8	97.0	100.6	101.3	101.5	101.8	102.2	90.7	76.1
75°	106.6	113.5	119.1	124.1	128.6	130.8	132.2	133.6	135.0	119.7	99.6
72.5°	131.0	137.7	143.1	148.6	153.4	157.0	159.9	162.2	164.0	151.6	134.1
70°	159.6	166.3	172.5	178.1	183.6	188.6	193.0	197.2	201.0	201.7	202.6
67.5°	191.9	195.8	203.2	210.3	218.7	224.9	231.8	238.3	244.2	249.3	253.4
65°	231.8	246.1	260.4	267.5	268.0	277.0	291.1	298.9	301.2	303.0	307.4
62.5°	298.9	317.2	326.9	339.4	356.8	375.6	382.8	393.2	405.9	420.2	433.1
60°	352.1	367.7	391.0	414.7	435.7	454.8	501.2	542.4	577.8	608.1	637.4
57.5°	418.2	444.0	479.6	543.7	602.4	655.4	746.1	856.8	955.5	1041.8	1117.6
55°	523.6	598.6	666.1	817.5	979.3	1119.3	1250.3	1390.5	1504.7	1593.9	1676.4
52.5°	703.3	909.5	1118.5	1315.1	1508.3	1684.3	1842.2	1966.5	2063.5	2136.3	2205.2
50°	1125.8	1374.3	1628.9	1863.4	2053.3	2226.8	2391.1	2514.4	2617.5	2706.4	2784.9
47.5°	1586.5	1877.4	2118.0	2334.3	2539.0	2731.4	2911.2	3061.2	3188.3	3305.4	3403.0
45°	2045.0	2305.2	2551.9	2783.9	3006.6	3222.3	3415.7	3586.3	3754.4	3893.3	4003.2
42.5°	2432.7	2708.1	2970.6	3236.0	3485.0	3727.0	3960.7	4168.2	4346.8	4498.5	4620.7
40°	2804.7	3101.7	3413.4	3708.2	4003.9	4280.0	4538.8	4775.7	4979.1	5158.8	5310.9
37.5°	3183.4	3530.2	3872.7	4208.6	4534.4	4834.7	5131.7	5405.0	5643.3	5853.6	6030.2
35°	3583.1	3965.3	4337.9	4716.4	5072.2	5419.7	5748.1	6048.9	6312.8	6560.6	6773.6
32.5°	3983.5	4397.6	4817.2	5226.7	5620.8	6010.1	6370.2	6709.3	7021.3	7295.6	7522.9
30°	4373.3	4829.3	5278.2	5724.4	6174.1	6598.2	6997.1	7369.6	7708.2	8006.9	8265.2
27.5°	4747.4	5237.5	5719.0	6229.3	6718.0	7179.4	7612.8	8013.3	8391.2	8730.8	9024.1
25°	5093.6	5614.2	6175.4	6710.6	7233.6	7745.2	8220.1	8655.1	9087.1	9460.9	9779.3
22.5°	5420.6	6001.5	6592.5	7153.8	7730.8	8293.4	8824.9	9329.1	9790.5	10182.1	10521.6
20°	5731.5	6356.8	6965.6	7587.1	8211.9	8818.9	9404.2	9943.0	10430.6	10857.3	11240.2
17.5°	6025.3	6672.2	7319.3	7982.8	8657.7	9295.8	9915.9	10502.1	11034.3	11507.8	11939.4
15°	6279.3	6947.8	7640.6	8346.0	9051.8	9730.3	10388.4	11027.0	11625.8	12141.2	12576.4
12.5°	6495.3	7191.6	7924.5	8664.6	9408.6	10119.9	10817.4	11500.6	12137.2	12691.3	13138.2
10°	6674.3	7404.0	8169.5	8940.3	9703.4	10442.5	11167.9	11874.9	12558.6	13132.9	13591.9
7.5°	6823.6	7581.2	8364.5	9158.5	9928.5	10696.0	11452.6	12166.8	12840.3	13445.9	13917.6
5°	6935.1	7705.5	8505.2	9319.0	10100.8	10895.7	11674.7	12405.6	13072.4	13621.3	14006.3
2.5°	7018.1	7782.8	8596.5	9415.8	10207.9	11031.4	11827.1	12558.8	13241.3	13760.7	14094.1
0°	7074.5	7825.3	8679.5	9482.9	10288.2	11133.0	11919.5	12658.9	13343.8	13851.8	14196.1
-2.5°	7018.1	7782.8	8596.5	9415.8	10207.9	11031.4	11827.1	12558.8	13241.3	13760.7	14094.1
-5°	6935.1	7705.5	8505.2	9319.0	10100.8	10895.7	11674.7	12405.6	13072.4	13621.3	14006.3
-7.5°	6823.6	7581.2	8364.5	9158.5	9928.5	10696.0	11452.6	12166.8	12840.3	13445.9	13917.6
-10°	6674.3	7404.0	8169.5	8940.3	9703.4	10442.5	11167.9	11874.9	12558.6	13132.9	13591.9
-12.5°	6495.3	7191.6	7924.5	8664.6	9408.6	10119.9	10817.4	11500.6	12137.2	12691.3	13138.2
-15°	6279.3	6947.8	7640.6	8346.0	9051.8	9730.3	10388.4	11027.0	11625.8	12141.2	12576.4
-17.5°	6025.3	6672.2	7319.3	7982.8	8657.7	9295.8	9915.9	10502.1	11034.3	11507.8	11939.4
-20°	5731.5	6356.8	6965.6	7587.1	8211.9	8818.9	9404.2	9943.0	10430.6	10857.3	11240.2



REPORT NUMBER: P558955 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	5420.6	6001.5	6592.5	7153.8	7730.8	8293.4	8824.9	9329.1	9790.5	10182.1	10521.6
-25°	5093.6	5614.2	6175.4	6710.6	7233.6	7745.2	8220.1	8655.1	9087.1	9460.9	9779.3
-27.5°	4747.4	5237.5	5719.0	6229.3	6718.0	7179.4	7612.8	8013.3	8391.2	8730.8	9024.1
-30°	4373.3	4829.3	5278.2	5724.4	6174.1	6598.2	6997.1	7369.6	7708.2	8006.9	8265.2
-32.5°	3983.5	4397.6	4817.2	5226.7	5620.8	6010.1	6370.2	6709.3	7021.3	7295.6	7522.9
-35°	3583.1	3965.3	4337.9	4716.4	5072.2	5419.7	5748.1	6048.9	6312.8	6560.6	6773.6
-37.5°	3183.4	3530.2	3872.7	4208.6	4534.4	4834.7	5131.7	5405.0	5643.3	5853.6	6030.2
-40°	2804.7	3101.7	3413.4	3708.2	4003.9	4280.0	4538.8	4775.7	4979.1	5158.8	5310.9
-42.5°	2432.7	2708.1	2970.6	3236.0	3485.0	3727.0	3960.7	4168.2	4346.8	4498.5	4620.7
-45°	2045.0	2305.2	2551.9	2783.9	3006.6	3222.3	3415.7	3586.3	3754.4	3893.3	4003.2
-47.5°	1586.5	1877.4	2118.0	2334.3	2539.0	2731.4	2911.2	3061.2	3188.3	3305.4	3403.0
-50°	1125.8	1374.3	1628.9	1863.4	2053.3	2226.8	2391.1	2514.4	2617.5	2706.4	2784.9
-52.5°	703.3	909.5	1118.5	1315.1	1508.3	1684.3	1842.2	1966.5	2063.5	2136.3	2205.2
-55°	523.6	598.6	666.1	817.5	979.3	1119.3	1250.3	1390.5	1504.7	1593.9	1676.4
-57.5°	418.2	444.0	479.6	543.7	602.4	655.4	746.1	856.8	955.5	1041.8	1117.6
-60°	352.1	367.7	391.0	414.7	435.7	454.8	501.2	542.4	577.8	608.1	637.4
-62.5°	298.9	317.2	326.9	339.4	356.8	375.6	382.8	393.2	405.9	420.2	433.1
-65°	231.8	246.1	260.4	267.5	268.0	277.0	291.1	298.9	301.2	303.0	307.4
-67.5°	191.9	195.8	203.2	210.3	218.7	224.9	231.8	238.3	244.2	249.3	253.4
-70°	159.6	166.3	172.5	178.1	183.6	188.6	193.0	197.2	201.0	201.7	202.6
-72.5°	131.0	137.7	143.1	148.6	153.4	157.0	159.9	162.2	164.0	151.6	134.1
-75°	106.6	113.5	119.1	124.1	128.6	130.8	132.2	133.6	135.0	119.7	99.6
-77.5°	85.9	91.1	93.8	97.0	100.6	101.3	101.5	101.8	102.2	90.7	76.1
-80°	55.3	60.5	63.9	66.7	68.9	66.8	63.5	59.8	55.7	49.4	42.7
-82.5°	29.5	31.7	33.7	35.9	38.3	37.9	36.8	35.3	33.3	29.7	25.7
-85°	11.4	11.3	10.9	10.3	9.6	9.9	10.2	10.4	10.7	10.0	9.2
-87.5°	1.6	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.9
-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: P558955 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8
85°	8.3	7.5	7.5	7.5	7.5	7.5	8.3	9.2	10.0	10.7	10.4
82.5°	21.4	16.9	17.8	18.8	17.8	16.9	21.4	25.7	29.7	33.3	35.3
80°	35.6	28.3	29.1	30.1	29.1	28.3	35.6	42.7	49.4	55.7	59.8
77.5°	60.3	43.8	42.3	41.4	42.3	43.8	60.3	76.1	90.7	102.2	101.8
75°	78.9	57.6	56.3	56.4	56.3	57.6	78.9	99.6	119.7	135.0	133.6
72.5°	116.4	98.4	86.0	73.4	86.0	98.4	116.4	134.1	151.6	164.0	162.2
70°	204.7	207.3	206.2	203.2	206.2	207.3	204.7	202.6	201.7	201.0	197.2
67.5°	256.9	259.6	260.2	259.7	260.2	259.6	256.9	253.4	249.3	244.2	238.3
65°	310.5	312.2	313.7	314.2	313.7	312.2	310.5	307.4	303.0	301.2	298.9
62.5°	442.8	449.3	456.2	461.0	456.2	449.3	442.8	433.1	420.2	405.9	393.2
60°	662.9	684.0	693.4	694.3	693.4	684.0	662.9	637.4	608.1	577.8	542.4
57.5°	1178.4	1223.8	1264.2	1294.5	1264.2	1223.8	1178.4	1117.6	1041.8	955.5	856.8
55°	1742.2	1790.5	1817.8	1825.1	1817.8	1790.5	1742.2	1676.4	1593.9	1504.7	1390.5
52.5°	2257.5	2289.6	2320.1	2346.3	2320.1	2289.6	2257.5	2205.2	2136.3	2063.5	1966.5
50°	2844.3	2880.0	2910.2	2933.3	2910.2	2880.0	2844.3	2784.9	2706.4	2617.5	2514.4
47.5°	3471.5	3515.3	3547.5	3569.2	3547.5	3515.3	3471.5	3403.0	3305.4	3188.3	3061.2
45°	4097.3	4172.3	4217.9	4225.9	4217.9	4172.3	4097.3	4003.2	3893.3	3754.4	3586.3
42.5°	4726.3	4798.2	4846.7	4882.6	4846.7	4798.2	4726.3	4620.7	4498.5	4346.8	4168.2
40°	5437.7	5528.0	5569.4	5543.0	5569.4	5528.0	5437.7	5310.9	5158.8	4979.1	4775.7
37.5°	6166.4	6259.3	6307.2	6305.0	6307.2	6259.3	6166.4	6030.2	5853.6	5643.3	5405.0
35°	6939.1	7054.2	7116.5	7100.9	7116.5	7054.2	6939.1	6773.6	6560.6	6312.8	6048.9
32.5°	7704.5	7843.7	7933.6	7947.6	7933.6	7843.7	7704.5	7522.9	7295.6	7021.3	6709.3
30°	8472.3	8622.8	8712.2	8720.9	8712.2	8622.8	8472.3	8265.2	8006.9	7708.2	7369.6
27.5°	9270.2	9438.5	9532.0	9554.4	9532.0	9438.5	9270.2	9024.1	8730.8	8391.2	8013.3
25°	10050.8	10237.5	10344.8	10386.0	10344.8	10237.5	10050.8	9779.3	9460.9	9087.1	8655.1
22.5°	10803.4	11008.3	11148.2	11183.8	11148.2	11008.3	10803.4	10521.6	10182.1	9790.5	9329.1
20°	11558.4	11800.0	11979.0	11996.6	11979.0	11800.0	11558.4	11240.2	10857.3	10430.6	9943.0
17.5°	12285.2	12546.7	12738.2	12785.0	12738.2	12546.7	12285.2	11939.4	11507.8	11034.3	10502.1
15°	12935.9	13210.4	13395.3	13436.0	13395.3	13210.4	12935.9	12576.4	12141.2	11625.8	11027.0
12.5°	13497.5	13750.5	13923.0	13989.1	13923.0	13750.5	13497.5	13138.2	12691.3	12137.2	11500.6
10°	13949.8	14145.3	14299.6	14369.2	14299.6	14145.3	13949.8	13591.9	13132.9	12558.6	11874.9
7.5°	14202.4	14363.2	14470.0	14508.4	14470.0	14363.2	14202.4	13917.6	13445.9	12840.3	12166.8
5°	14302.2	14456.3	14514.1	14547.9	14514.1	14456.3	14302.2	14006.3	13621.3	13072.4	12405.6
2.5°	14315.8	14439.1	14558.1	14636.4	14558.1	14439.1	14315.8	14094.1	13760.7	13241.3	12558.8
0°	14395.5	14516.0	14581.8	14619.4	14581.8	14516.0	14395.5	14196.1	13851.8	13343.8	12658.9
-2.5°	14315.8	14439.1	14558.1	14636.4	14558.1	14439.1	14315.8	14094.1	13760.7	13241.3	12558.8
-5°	14302.2	14456.3	14514.1	14547.9	14514.1	14456.3	14302.2	14006.3	13621.3	13072.4	12405.6
-7.5°	14202.4	14363.2	14470.0	14508.4	14470.0	14363.2	14202.4	13917.6	13445.9	12840.3	12166.8
-10°	13949.8	14145.3	14299.6	14369.2	14299.6	14145.3	13949.8	13591.9	13132.9	12558.6	11874.9
-12.5°	13497.5	13750.5	13923.0	13989.1	13923.0	13750.5	13497.5	13138.2	12691.3	12137.2	11500.6
-15°	12935.9	13210.4	13395.3	13436.0	13395.3	13210.4	12935.9	12576.4	12141.2	11625.8	11027.0
-17.5°	12285.2	12546.7	12738.2	12785.0	12738.2	12546.7	12285.2	11939.4	11507.8	11034.3	10502.1
-20°	11558.4	11800.0	11979.0	11996.6	11979.0	11800.0	11558.4	11240.2	10857.3	10430.6	9943.0



REPORT NUMBER: P558955 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	10803.4	11008.3	11148.2	11183.8	11148.2	11008.3	10803.4	10521.6	10182.1	9790.5	9329.1
-25°	10050.8	10237.5	10344.8	10386.0	10344.8	10237.5	10050.8	9779.3	9460.9	9087.1	8655.1
-27.5°	9270.2	9438.5	9532.0	9554.4	9532.0	9438.5	9270.2	9024.1	8730.8	8391.2	8013.3
-30°	8472.3	8622.8	8712.2	8720.9	8712.2	8622.8	8472.3	8265.2	8006.9	7708.2	7369.6
-32.5°	7704.5	7843.7	7933.6	7947.6	7933.6	7843.7	7704.5	7522.9	7295.6	7021.3	6709.3
-35°	6939.1	7054.2	7116.5	7100.9	7116.5	7054.2	6939.1	6773.6	6560.6	6312.8	6048.9
-37.5°	6166.4	6259.3	6307.2	6305.0	6307.2	6259.3	6166.4	6030.2	5853.6	5643.3	5405.0
-40°	5437.7	5528.0	5569.4	5543.0	5569.4	5528.0	5437.7	5310.9	5158.8	4979.1	4775.7
-42.5°	4726.3	4798.2	4846.7	4882.6	4846.7	4798.2	4726.3	4620.7	4498.5	4346.8	4168.2
-45°	4097.3	4172.3	4217.9	4225.9	4217.9	4172.3	4097.3	4003.2	3893.3	3754.4	3586.3
-47.5°	3471.5	3515.3	3547.5	3569.2	3547.5	3515.3	3471.5	3403.0	3305.4	3188.3	3061.2
-50°	2844.3	2880.0	2910.2	2933.3	2910.2	2880.0	2844.3	2784.9	2706.4	2617.5	2514.4
-52.5°	2257.5	2289.6	2320.1	2346.3	2320.1	2289.6	2257.5	2205.2	2136.3	2063.5	1966.5
-55°	1742.2	1790.5	1817.8	1825.1	1817.8	1790.5	1742.2	1676.4	1593.9	1504.7	1390.5
-57.5°	1178.4	1223.8	1264.2	1294.5	1264.2	1223.8	1178.4	1117.6	1041.8	955.5	856.8
-60°	662.9	684.0	693.4	694.3	693.4	684.0	662.9	637.4	608.1	577.8	542.4
-62.5°	442.8	449.3	456.2	461.0	456.2	449.3	442.8	433.1	420.2	405.9	393.2
-65°	310.5	312.2	313.7	314.2	313.7	312.2	310.5	307.4	303.0	301.2	298.9
-67.5°	256.9	259.6	260.2	259.7	260.2	259.6	256.9	253.4	249.3	244.2	238.3
-70°	204.7	207.3	206.2	203.2	206.2	207.3	204.7	202.6	201.7	201.0	197.2
-72.5°	116.4	98.4	86.0	73.4	86.0	98.4	116.4	134.1	151.6	164.0	162.2
-75°	78.9	57.6	56.3	56.4	56.3	57.6	78.9	99.6	119.7	135.0	133.6
-77.5°	60.3	43.8	42.3	41.4	42.3	43.8	60.3	76.1	90.7	102.2	101.8
-80°	35.6	28.3	29.1	30.1	29.1	28.3	35.6	42.7	49.4	55.7	59.8
-82.5°	21.4	16.9	17.8	18.8	17.8	16.9	21.4	25.7	29.7	33.3	35.3
-85°	8.3	7.5	7.5	7.5	7.5	7.5	8.3	9.2	10.0	10.7	10.4
-87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8
-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: P558955 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.9	2.2	2.5	2.7
85°	10.2	9.9	9.6	10.3	10.9	11.3	11.4	10.0	8.8	7.7	6.9
82.5°	36.8	37.9	38.3	35.9	33.7	31.7	29.5	24.7	20.3	16.3	13.3
80°	63.5	66.8	68.9	66.7	63.9	60.5	55.3	45.3	36.5	29.2	24.6
77.5°	101.5	101.3	100.6	97.0	93.8	91.1	85.9	70.8	56.1	43.1	36.6
75°	132.2	130.8	128.6	124.1	119.1	113.5	106.6	96.2	83.3	67.6	56.6
72.5°	159.9	157.0	153.4	148.6	143.1	137.7	131.0	122.5	112.5	101.0	92.0
70°	193.0	188.6	183.6	178.1	172.5	166.3	159.6	151.3	140.8	129.5	123.1
67.5°	231.8	224.9	218.7	210.3	203.2	195.8	191.9	184.8	175.3	163.6	155.7
65°	291.1	277.0	268.0	267.5	260.4	246.1	231.8	224.9	217.1	204.2	190.4
62.5°	382.8	375.6	356.8	339.4	326.9	317.2	298.9	279.3	264.1	250.8	233.0
60°	501.2	454.8	435.7	414.7	391.0	367.7	352.1	333.1	310.8	292.9	274.6
57.5°	746.1	655.4	602.4	543.7	479.6	444.0	418.2	388.5	363.2	338.5	315.5
55°	1250.3	1119.3	979.3	817.5	666.1	598.6	523.6	464.5	428.0	386.3	358.8
52.5°	1842.2	1684.3	1508.3	1315.1	1118.5	909.5	703.3	615.8	515.2	453.1	407.1
50°	2391.1	2226.8	2053.3	1863.4	1628.9	1374.3	1125.8	878.0	675.5	559.9	467.6
47.5°	2911.2	2731.4	2539.0	2334.3	2118.0	1877.4	1586.5	1281.4	994.4	706.5	580.7
45°	3415.7	3222.3	3006.6	2783.9	2551.9	2305.2	2045.0	1731.9	1386.8	1055.5	713.4
42.5°	3960.7	3727.0	3485.0	3236.0	2970.6	2708.1	2432.7	2139.0	1807.8	1427.3	1057.0
40°	4538.8	4280.0	4003.9	3708.2	3413.4	3101.7	2804.7	2495.9	2173.6	1814.2	1396.8
37.5°	5131.7	4834.7	4534.4	4208.6	3872.7	3530.2	3183.4	2843.2	2499.0	2147.8	1743.6
35°	5748.1	5419.7	5072.2	4716.4	4337.9	3965.3	3583.1	3196.5	2820.0	2445.0	2058.6
32.5°	6370.2	6010.1	5620.8	5226.7	4817.2	4397.6	3983.5	3563.9	3133.8	2733.9	2329.3
30°	6997.1	6598.2	6174.1	5724.4	5278.2	4829.3	4373.3	3913.2	3452.6	3008.5	2589.0
27.5°	7612.8	7179.4	6718.0	6229.3	5719.0	5237.5	4747.4	4248.8	3752.8	3279.9	2829.6
25°	8220.1	7745.2	7233.6	6710.6	6175.4	5614.2	5093.6	4569.2	4047.4	3533.4	3047.2
22.5°	8824.9	8293.4	7730.8	7153.8	6592.5	6001.5	5420.6	4863.8	4319.4	3774.7	3260.0
20°	9404.2	8818.9	8211.9	7587.1	6965.6	6356.8	5731.5	5139.6	4564.6	4000.5	3457.8
17.5°	9915.9	9295.8	8657.7	7982.8	7319.3	6672.2	6025.3	5392.1	4786.5	4196.8	3636.9
15°	10388.4	9730.3	9051.8	8346.0	7640.6	6947.8	6279.3	5614.6	4985.5	4371.2	3795.9
12.5°	10817.4	10119.9	9408.6	8664.6	7924.5	7191.6	6495.3	5815.0	5159.4	4526.7	3930.0
10°	11167.9	10442.5	9703.4	8940.3	8169.5	7404.0	6674.3	5976.6	5299.5	4650.5	4041.6
7.5°	11452.6	10696.0	9928.5	9158.5	8364.5	7581.2	6823.6	6098.8	5408.9	4741.0	4129.5
5°	11674.7	10895.7	10100.8	9319.0	8505.2	7705.5	6935.1	6181.1	5485.6	4799.1	4192.7
2.5°	11827.1	11031.4	10207.9	9415.8	8596.5	7782.8	7018.1	6244.7	5540.3	4860.2	4248.0
0°	11919.5	11133.0	10288.2	9482.9	8679.5	7825.3	7074.5	6288.1	5563.7	4899.5	4276.7
-2.5°	11827.1	11031.4	10207.9	9415.8	8596.5	7782.8	7018.1	6244.7	5540.3	4860.2	4248.0
-5°	11674.7	10895.7	10100.8	9319.0	8505.2	7705.5	6935.1	6181.1	5485.6	4799.1	4192.7
-7.5°	11452.6	10696.0	9928.5	9158.5	8364.5	7581.2	6823.6	6098.8	5408.9	4741.0	4129.5
-10°	11167.9	10442.5	9703.4	8940.3	8169.5	7404.0	6674.3	5976.6	5299.5	4650.5	4041.6
-12.5°	10817.4	10119.9	9408.6	8664.6	7924.5	7191.6	6495.3	5815.0	5159.4	4526.7	3930.0
-15°	10388.4	9730.3	9051.8	8346.0	7640.6	6947.8	6279.3	5614.6	4985.5	4371.2	3795.9
-17.5°	9915.9	9295.8	8657.7	7982.8	7319.3	6672.2	6025.3	5392.1	4786.5	4196.8	3636.9
-20°	9404.2	8818.9	8211.9	7587.1	6965.6	6356.8	5731.5	5139.6	4564.6	4000.5	3457.8



REPORT NUMBER: P558955 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	8824.9	8293.4	7730.8	7153.8	6592.5	6001.5	5420.6	4863.8	4319.4	3774.7	3260.0
-25°	8220.1	7745.2	7233.6	6710.6	6175.4	5614.2	5093.6	4569.2	4047.4	3533.4	3047.2
-27.5°	7612.8	7179.4	6718.0	6229.3	5719.0	5237.5	4747.4	4248.8	3752.8	3279.9	2829.6
-30°	6997.1	6598.2	6174.1	5724.4	5278.2	4829.3	4373.3	3913.2	3452.6	3008.5	2589.0
-32.5°	6370.2	6010.1	5620.8	5226.7	4817.2	4397.6	3983.5	3563.9	3133.8	2733.9	2329.3
-35°	5748.1	5419.7	5072.2	4716.4	4337.9	3965.3	3583.1	3196.5	2820.0	2445.0	2058.6
-37.5°	5131.7	4834.7	4534.4	4208.6	3872.7	3530.2	3183.4	2843.2	2499.0	2147.8	1743.6
-40°	4538.8	4280.0	4003.9	3708.2	3413.4	3101.7	2804.7	2495.9	2173.6	1814.2	1396.8
-42.5°	3960.7	3727.0	3485.0	3236.0	2970.6	2708.1	2432.7	2139.0	1807.8	1427.3	1057.0
-45°	3415.7	3222.3	3006.6	2783.9	2551.9	2305.2	2045.0	1731.9	1386.8	1055.5	713.4
-47.5°	2911.2	2731.4	2539.0	2334.3	2118.0	1877.4	1586.5	1281.4	994.4	706.5	580.7
-50°	2391.1	2226.8	2053.3	1863.4	1628.9	1374.3	1125.8	878.0	675.5	559.9	467.6
-52.5°	1842.2	1684.3	1508.3	1315.1	1118.5	909.5	703.3	615.8	515.2	453.1	407.1
-55°	1250.3	1119.3	979.3	817.5	666.1	598.6	523.6	464.5	428.0	386.3	358.8
-57.5°	746.1	655.4	602.4	543.7	479.6	444.0	418.2	388.5	363.2	338.5	315.5
-60°	501.2	454.8	435.7	414.7	391.0	367.7	352.1	333.1	310.8	292.9	274.6
-62.5°	382.8	375.6	356.8	339.4	326.9	317.2	298.9	279.3	264.1	250.8	233.0
-65°	291.1	277.0	268.0	267.5	260.4	246.1	231.8	224.9	217.1	204.2	190.4
-67.5°	231.8	224.9	218.7	210.3	203.2	195.8	191.9	184.8	175.3	163.6	155.7
-70°	193.0	188.6	183.6	178.1	172.5	166.3	159.6	151.3	140.8	129.5	123.1
-72.5°	159.9	157.0	153.4	148.6	143.1	137.7	131.0	122.5	112.5	101.0	92.0
-75°	132.2	130.8	128.6	124.1	119.1	113.5	106.6	96.2	83.3	67.6	56.6
-77.5°	101.5	101.3	100.6	97.0	93.8	91.1	85.9	70.8	56.1	43.1	36.6
-80°	63.5	66.8	68.9	66.7	63.9	60.5	55.3	45.3	36.5	29.2	24.6
-82.5°	36.8	37.9	38.3	35.9	33.7	31.7	29.5	24.7	20.3	16.3	13.3
-85°	10.2	9.9	9.6	10.3	10.9	11.3	11.4	10.0	8.8	7.7	6.9
-87.5°	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.9	2.2	2.5	2.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558955 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-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°	2.6	2.4	2.3	2.2	2.3	2.4	2.4	2.4	2.1	1.9	1.7
85°	6.9	6.7	6.3	5.7	5.3	4.7	4.8	4.7	4.3	3.8	3.4
82.5°	13.3	13.5	13.5	13.3	13.2	12.7	11.9	10.6	8.3	6.0	5.0
80°	27.6	29.2	29.2	27.4	24.0	20.9	20.0	18.5	15.2	12.1	9.0
77.5°	42.1	46.2	48.7	47.7	42.5	37.5	32.6	27.6	22.1	18.1	14.2
75°	57.7	63.0	67.0	67.0	61.4	54.0	47.5	40.7	32.6	24.4	19.2
72.5°	87.4	85.3	86.0	86.4	81.6	74.5	64.9	53.7	44.4	34.9	25.3
70°	117.2	109.4	104.2	103.3	100.8	95.5	86.0	71.5	56.1	45.3	34.4
67.5°	148.6	140.8	130.8	122.0	118.8	114.2	106.9	89.9	71.7	55.6	43.4
65°	180.8	171.5	162.1	149.2	139.5	132.9	125.4	107.3	86.8	68.2	52.2
62.5°	215.9	200.8	188.7	174.8	161.5	151.5	143.6	124.0	101.5	80.2	61.7
60°	254.6	235.2	215.4	198.9	183.1	169.0	157.7	140.8	117.4	91.7	71.2
57.5°	293.8	270.1	245.5	223.6	205.1	187.4	171.1	154.8	133.3	105.6	79.7
55°	333.2	306.9	275.7	248.9	226.8	207.1	185.7	167.4	148.2	120.3	86.3
52.5°	371.3	341.3	308.0	274.8	247.7	225.5	201.8	180.1	159.9	134.9	96.1
50°	417.8	374.4	339.3	303.3	268.4	242.4	217.0	193.4	171.5	148.1	105.3
47.5°	471.6	416.7	370.3	331.2	293.4	259.1	232.1	206.1	183.0	158.5	113.3
45°	578.9	464.7	406.6	359.9	317.1	279.1	247.1	217.8	193.5	163.0	120.0
42.5°	701.5	554.4	449.2	388.3	342.6	299.2	261.7	230.8	203.2	165.9	123.8
40°	996.6	666.4	506.7	426.1	368.2	317.9	278.3	243.6	211.4	167.6	125.2
37.5°	1299.7	874.4	607.7	462.8	395.4	340.8	294.0	256.1	214.9	169.4	125.6
35°	1607.2	1146.2	706.6	529.1	428.1	363.0	308.3	268.4	222.8	171.2	124.9
32.5°	1899.2	1408.6	933.7	617.0	459.4	384.5	325.1	280.7	232.8	172.9	123.2
30°	2149.6	1663.5	1158.5	700.8	503.1	411.0	343.7	292.3	244.7	174.6	121.4
27.5°	2377.4	1901.6	1370.0	863.3	575.5	436.7	361.3	303.3	258.4	178.9	121.8
25°	2587.0	2104.7	1574.1	1041.5	643.3	461.1	377.2	313.6	269.3	188.1	121.9
22.5°	2772.2	2285.5	1760.8	1203.7	704.5	484.8	394.4	326.9	277.5	197.9	121.6
20°	2938.3	2449.8	1930.5	1353.6	805.2	535.5	412.9	338.6	285.0	208.0	120.9
17.5°	3087.8	2592.7	2073.1	1495.7	925.6	580.3	429.8	348.9	291.7	218.1	119.8
15°	3233.7	2714.0	2194.2	1621.5	1031.6	619.2	445.0	357.7	297.7	228.0	119.2
12.5°	3356.3	2817.7	2296.3	1730.1	1122.7	652.0	458.3	365.0	302.8	236.8	118.4
10°	3454.6	2903.4	2379.4	1821.1	1198.5	678.8	469.7	370.5	306.7	244.0	116.0
7.5°	3528.8	2970.4	2443.5	1893.6	1258.5	700.8	477.0	373.6	309.8	249.8	112.4
5°	3582.3	3020.9	2490.2	1947.3	1301.8	718.8	481.6	375.3	312.2	253.9	107.6
2.5°	3626.5	3056.4	2519.5	1981.7	1328.2	731.2	483.8	375.5	313.7	256.0	102.1
0°	3648.3	3072.5	2530.6	1996.3	1337.8	737.6	483.6	374.4	314.2	255.9	96.0
-2.5°	3626.5	3056.4	2519.5	1981.7	1328.2	731.2	483.8	375.5	313.7	256.0	102.1
-5°	3582.3	3020.9	2490.2	1947.3	1301.8	718.8	481.6	375.3	312.2	253.9	107.6
-7.5°	3528.8	2970.4	2443.5	1893.6	1258.5	700.8	477.0	373.6	309.8	249.8	112.4
-10°	3454.6	2903.4	2379.4	1821.1	1198.5	678.8	469.7	370.5	306.7	244.0	116.0
-12.5°	3356.3	2817.7	2296.3	1730.1	1122.7	652.0	458.3	365.0	302.8	236.8	118.4
-15°	3233.7	2714.0	2194.2	1621.5	1031.6	619.2	445.0	357.7	297.7	228.0	119.2
-17.5°	3087.8	2592.7	2073.1	1495.7	925.6	580.3	429.8	348.9	291.7	218.1	119.8
-20°	2938.3	2449.8	1930.5	1353.6	805.2	535.5	412.9	338.6	285.0	208.0	120.9



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2772.2	2285.5	1760.8	1203.7	704.5	484.8	394.4	326.9	277.5	197.9	121.6
-25°	2587.0	2104.7	1574.1	1041.5	643.3	461.1	377.2	313.6	269.3	188.1	121.9
-27.5°	2377.4	1901.6	1370.0	863.3	575.5	436.7	361.3	303.3	258.4	178.9	121.8
-30°	2149.6	1663.5	1158.5	700.8	503.1	411.0	343.7	292.3	244.7	174.6	121.4
-32.5°	1899.2	1408.6	933.7	617.0	459.4	384.5	325.1	280.7	232.8	172.9	123.2
-35°	1607.2	1146.2	706.6	529.1	428.1	363.0	308.3	268.4	222.8	171.2	124.9
-37.5°	1299.7	874.4	607.7	462.8	395.4	340.8	294.0	256.1	214.9	169.4	125.6
-40°	996.6	666.4	506.7	426.1	368.2	317.9	278.3	243.6	211.4	167.6	125.2
-42.5°	701.5	554.4	449.2	388.3	342.6	299.2	261.7	230.8	203.2	165.9	123.8
-45°	578.9	464.7	406.6	359.9	317.1	279.1	247.1	217.8	193.5	163.0	120.0
-47.5°	471.6	416.7	370.3	331.2	293.4	259.1	232.1	206.1	183.0	158.5	113.3
-50°	417.8	374.4	339.3	303.3	268.4	242.4	217.0	193.4	171.5	148.1	105.3
-52.5°	371.3	341.3	308.0	274.8	247.7	225.5	201.8	180.1	159.9	134.9	96.1
-55°	333.2	306.9	275.7	248.9	226.8	207.1	185.7	167.4	148.2	120.3	86.3
-57.5°	293.8	270.1	245.5	223.6	205.1	187.4	171.1	154.8	133.3	105.6	79.7
-60°	254.6	235.2	215.4	198.9	183.1	169.0	157.7	140.8	117.4	91.7	71.2
-62.5°	215.9	200.8	188.7	174.8	161.5	151.5	143.6	124.0	101.5	80.2	61.7
-65°	180.8	171.5	162.1	149.2	139.5	132.9	125.4	107.3	86.8	68.2	52.2
-67.5°	148.6	140.8	130.8	122.0	118.8	114.2	106.9	89.9	71.7	55.6	43.4
-70°	117.2	109.4	104.2	103.3	100.8	95.5	86.0	71.5	56.1	45.3	34.4
-72.5°	87.4	85.3	86.0	86.4	81.6	74.5	64.9	53.7	44.4	34.9	25.3
-75°	57.7	63.0	67.0	67.0	61.4	54.0	47.5	40.7	32.6	24.4	19.2
-77.5°	42.1	46.2	48.7	47.7	42.5	37.5	32.6	27.6	22.1	18.1	14.2
-80°	27.6	29.2	29.2	27.4	24.0	20.9	20.0	18.5	15.2	12.1	9.0
-82.5°	13.3	13.5	13.5	13.3	13.2	12.7	11.9	10.6	8.3	6.0	5.0
-85°	6.9	6.7	6.3	5.7	5.3	4.7	4.8	4.7	4.3	3.8	3.4
-87.5°	2.6	2.4	2.3	2.2	2.3	2.4	2.4	2.4	2.1	1.9	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



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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°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
85°	2.9	2.4	1.9	1.5	1.0	0.5	0.0
82.5°	4.3	3.6	2.9	2.2	1.5	0.7	0.0
80°	6.1	4.8	3.9	2.9	1.9	1.0	0.0
77.5°	10.3	6.7	4.8	3.6	2.4	1.2	0.0
75°	14.5	9.7	6.0	4.3	2.9	1.4	0.0
72.5°	18.5	12.6	7.9	5.0	3.4	1.7	0.0
70°	22.7	15.3	9.9	5.8	3.8	1.9	0.0
67.5°	29.7	18.0	11.7	7.0	4.3	2.1	0.0
65°	36.1	21.5	13.4	8.1	4.7	2.4	0.0
62.5°	42.2	25.8	15.1	9.1	5.2	2.6	0.0
60°	47.7	29.7	16.6	10.1	5.6	2.8	0.0
57.5°	53.2	33.2	18.9	11.0	6.2	3.0	0.0
55°	58.2	36.4	21.0	11.8	6.7	3.2	0.0
52.5°	62.4	39.2	22.9	12.6	7.2	3.4	0.0
50°	65.9	41.7	24.5	13.3	7.8	3.6	0.0
47.5°	69.3	43.8	25.8	14.0	8.3	3.8	0.0
45°	74.8	45.4	26.8	14.7	8.7	4.0	0.0
42.5°	79.5	46.4	27.6	15.3	9.2	4.1	0.0
40°	83.3	46.9	28.1	16.0	9.6	4.3	0.0
37.5°	86.0	46.9	28.3	16.7	10.1	4.4	0.0
35°	87.9	48.0	28.2	17.5	10.4	4.6	0.0
32.5°	88.3	49.3	27.8	18.2	10.8	4.7	0.0
30°	86.6	49.9	27.1	18.8	11.2	4.8	0.0
27.5°	84.2	49.9	27.8	19.4	11.5	5.0	0.0
25°	81.2	49.3	28.6	19.9	11.8	5.1	0.0
22.5°	77.5	49.3	29.4	20.4	12.0	5.2	0.0
20°	73.2	51.6	30.2	20.9	12.3	5.3	0.0
17.5°	72.4	53.7	30.9	21.3	12.5	5.3	0.0
15°	73.9	55.4	31.5	21.6	12.7	5.4	0.0
12.5°	75.2	56.9	32.1	21.9	12.8	5.5	0.0
10°	76.3	58.1	32.6	22.2	13.0	5.5	0.0
7.5°	77.3	59.0	33.0	22.4	13.1	5.6	0.0
5°	78.1	59.7	33.4	22.5	13.1	5.6	0.0
2.5°	78.6	60.1	33.7	22.6	13.2	5.6	0.0
0°	79.0	60.2	33.9	22.6	13.2	5.6	0.0
-2.5°	78.6	60.1	33.7	22.6	13.2	5.6	0.0
-5°	78.1	59.7	33.4	22.5	13.1	5.6	0.0
-7.5°	77.3	59.0	33.0	22.4	13.1	5.6	0.0
-10°	76.3	58.1	32.6	22.2	13.0	5.5	0.0
-12.5°	75.2	56.9	32.1	21.9	12.8	5.5	0.0
-15°	73.9	55.4	31.5	21.6	12.7	5.4	0.0
-17.5°	72.4	53.7	30.9	21.3	12.5	5.3	0.0
-20°	73.2	51.6	30.2	20.9	12.3	5.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	77.5	49.3	29.4	20.4	12.0	5.2	0.0
-25°	81.2	49.3	28.6	19.9	11.8	5.1	0.0
-27.5°	84.2	49.9	27.8	19.4	11.5	5.0	0.0
-30°	86.6	49.9	27.1	18.8	11.2	4.8	0.0
-32.5°	88.3	49.3	27.8	18.2	10.8	4.7	0.0
-35°	87.9	48.0	28.2	17.5	10.4	4.6	0.0
-37.5°	86.0	46.9	28.3	16.7	10.1	4.4	0.0
-40°	83.3	46.9	28.1	16.0	9.6	4.3	0.0
-42.5°	79.5	46.4	27.6	15.3	9.2	4.1	0.0
-45°	74.8	45.4	26.8	14.7	8.7	4.0	0.0
-47.5°	69.3	43.8	25.8	14.0	8.3	3.8	0.0
-50°	65.9	41.7	24.5	13.3	7.8	3.6	0.0
-52.5°	62.4	39.2	22.9	12.6	7.2	3.4	0.0
-55°	58.2	36.4	21.0	11.8	6.7	3.2	0.0
-57.5°	53.2	33.2	18.9	11.0	6.2	3.0	0.0
-60°	47.7	29.7	16.6	10.1	5.6	2.8	0.0
-62.5°	42.2	25.8	15.1	9.1	5.2	2.6	0.0
-65°	36.1	21.5	13.4	8.1	4.7	2.4	0.0
-67.5°	29.7	18.0	11.7	7.0	4.3	2.1	0.0
-70°	22.7	15.3	9.9	5.8	3.8	1.9	0.0
-72.5°	18.5	12.6	7.9	5.0	3.4	1.7	0.0
-75°	14.5	9.7	6.0	4.3	2.9	1.4	0.0
-77.5°	10.3	6.7	4.8	3.6	2.4	1.2	0.0
-80°	6.1	4.8	3.9	2.9	1.9	1.0	0.0
-82.5°	4.3	3.6	2.9	2.2	1.5	0.7	0.0
-85°	2.9	2.4	1.9	1.5	1.0	0.5	0.0
-87.5°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)