

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: P558693 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-930-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558693 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA2D-930-U-MWR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (32) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

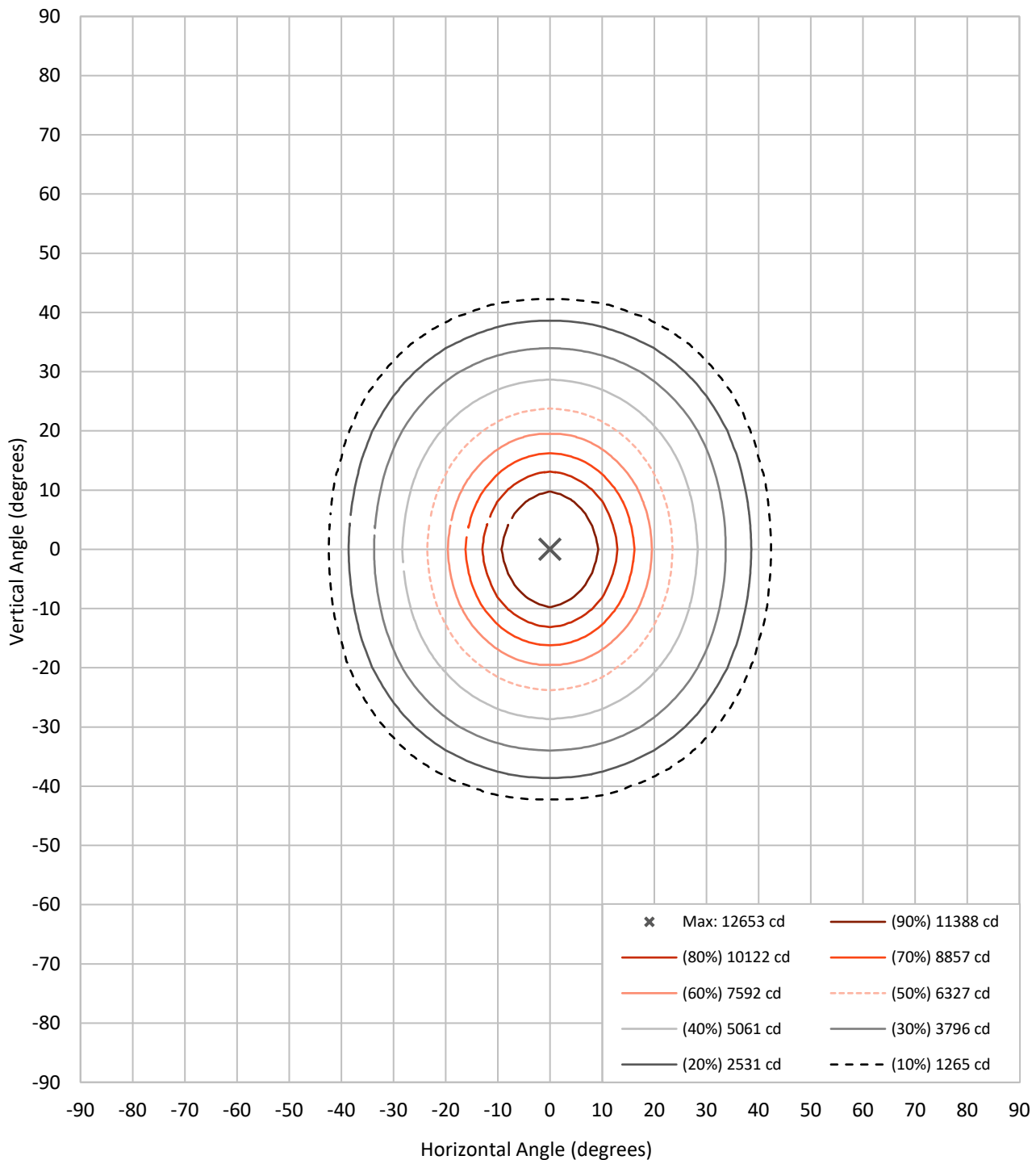
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	9849.6 lumens	Max Intensity:	12653 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	89.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	4647.7 lumens	Field Lumens:	8943.5 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 110
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





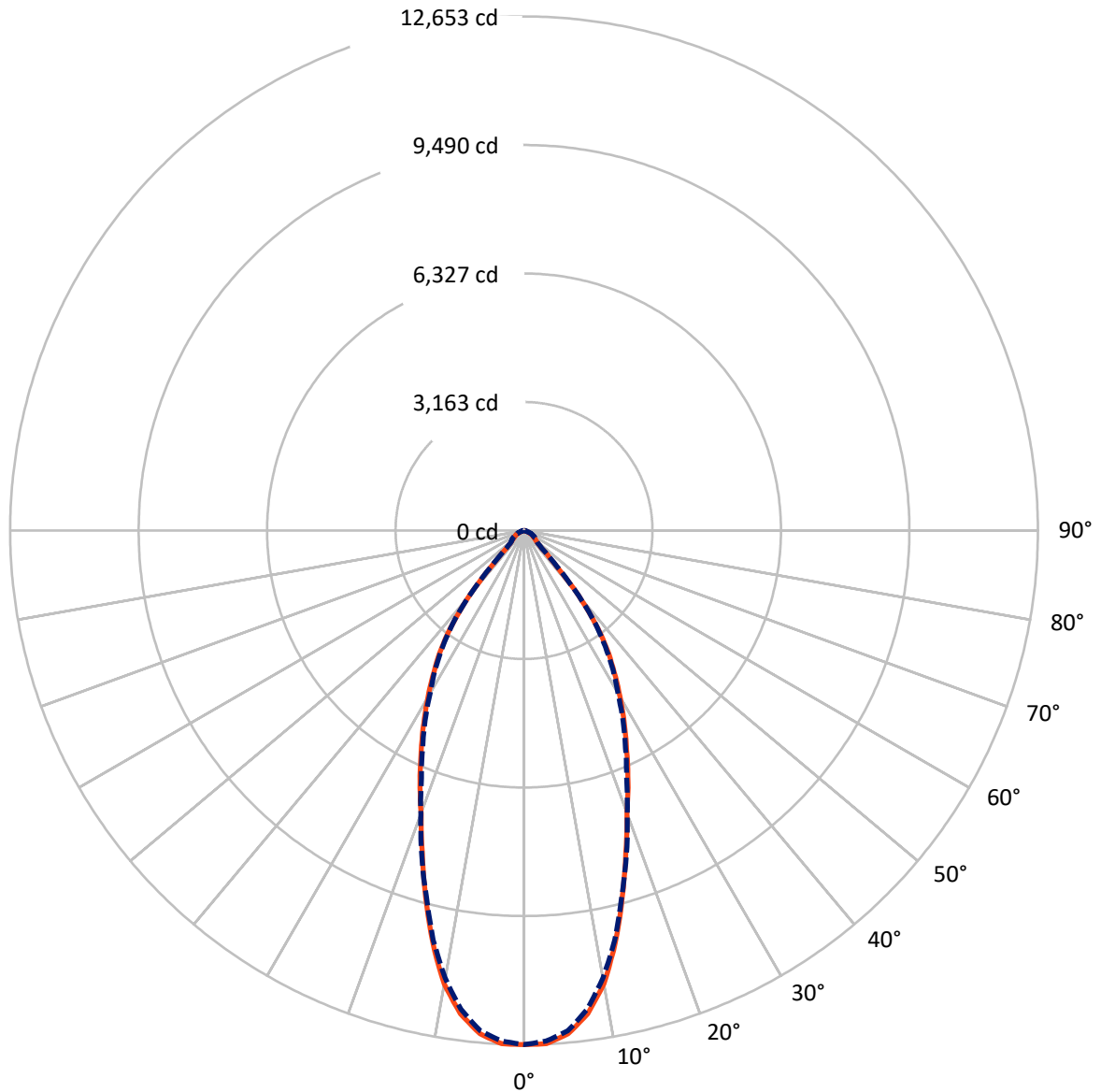
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Lumen Table

90	0.2	1.2	2.7	4.4	3.5	4.4	2.7	1.2	0.2							
80	0.2	1.2	2.7	4.4	3.5	4.4	2.7	1.2	0.2							
70	0.7	0.8	1.4	2.2	3.1	3.9	4.5	4.9	4.9	4.5	3.9	3.1	2.2	1.4	0.8	0.7
60		1.2	2.4	3.9	5.7	7.1	8.1	8.9	8.9	8.1	7.1	5.7	3.9	2.4	1.2	
50	1.0	1.6	3.3	5.5	8.1	11.0	17.5	24.5	24.5	17.5	11.0	8.1	5.5	3.3	1.6	1.0
40		1.9	4.1	6.9	13.0	41.5	80.8	103.0	103.0	80.8	41.5	13.0	6.9	4.1	1.9	
30	1.2	2.2	4.8	8.7	38.0	99.2	146.3	177.2	177.2	146.3	99.2	38.0	8.7	4.8	2.2	1.2
20		2.5	5.4	13.3	69.0	136.9	207.9	270.7	270.7	207.9	136.9	69.0	13.3	5.4	2.5	
10	1.2	2.7	5.8	18.3	84.1	159.7	261.6	353.8	353.8	261.6	159.7	84.1	18.3	5.8	2.7	1.2
0		2.7	5.8	18.3	84.1	159.7	261.6	353.8	353.8	261.6	159.7	84.1	18.3	5.8	2.7	
-10	1.2	2.5	5.4	13.3	69.0	136.9	207.9	270.7	270.7	207.9	136.9	69.0	13.3	5.4	2.5	1.2
-20		2.2	4.8	8.7	38.0	99.2	146.3	177.2	177.2	146.3	99.2	38.0	8.7	4.8	2.2	
-30	1.0	1.9	4.1	6.9	13.0	41.5	80.8	103.0	103.0	80.8	41.5	13.0	6.9	4.1	1.9	1.0
-40		1.6	3.3	5.5	8.1	11.0	17.5	24.5	24.5	17.5	11.0	8.1	5.5	3.3	1.6	
-50	0.7	1.2	2.4	3.9	5.7	7.1	8.1	8.9	8.9	8.1	7.1	5.7	3.9	2.4	1.2	0.7
-60		0.8	1.4	2.2	3.1	3.9	4.5	4.9	4.9	4.5	3.9	3.1	2.2	1.4	0.8	
-70	0.2	1.2	2.7	4.4	3.5	4.4	2.7	1.2	0.2							
-80		0.2	1.2	2.7	4.4	3.5	4.4	2.7	1.2	0.2						
-90	0.2	1.2	2.7	4.4	3.5	4.4	2.7	1.2	0.2							

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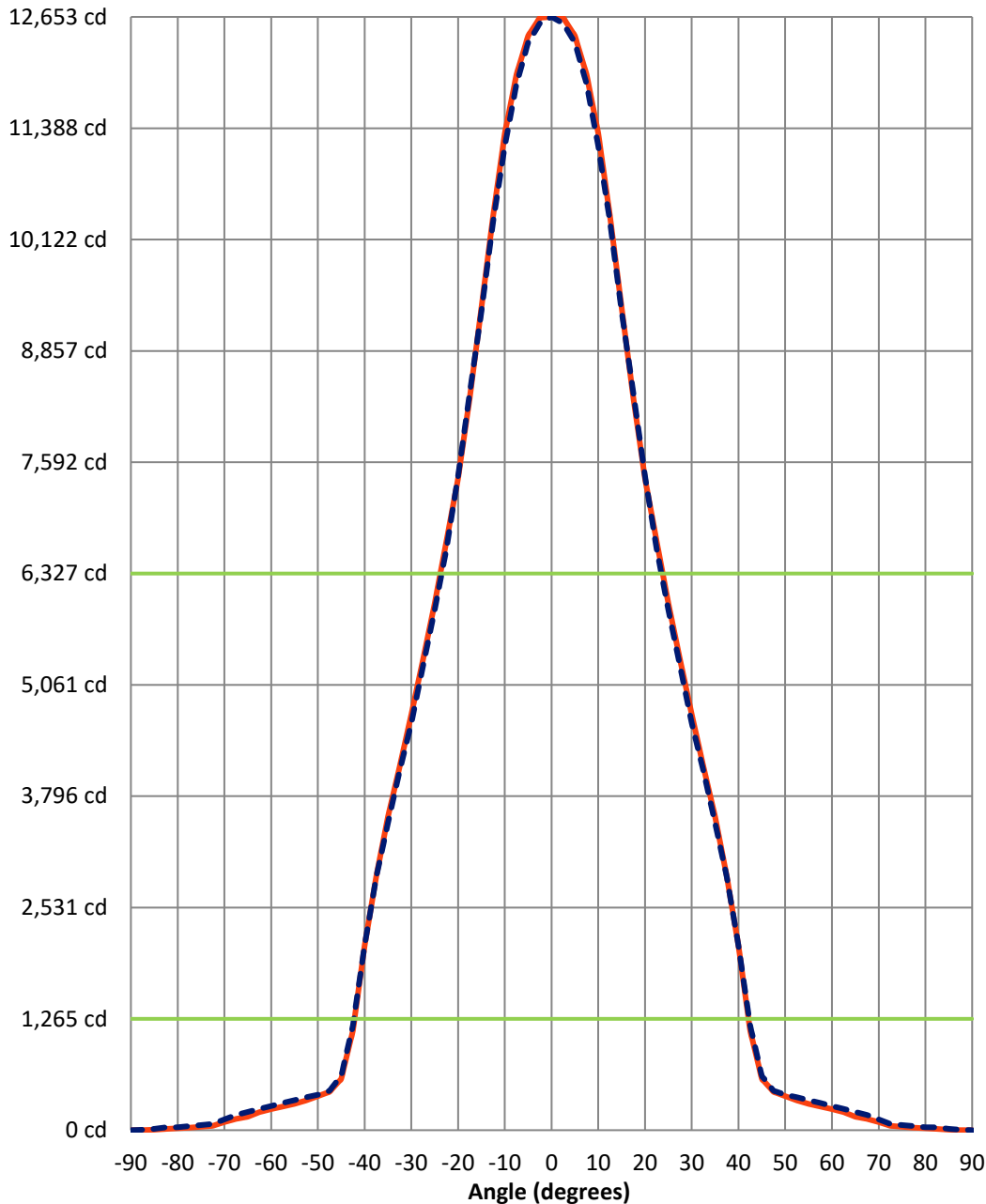
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 47°
 V Angle: 47.6°
 Lumens: 4647.7
 Efficiency: 47.2%

Field:
 H Angle: 84.6°
 V Angle: 84.3°
 Lumens: 8943.5
 Efficiency: 90.8%

Spill:
 Lumens: 906.1
 Efficiency: 9.2%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.2	0.4	0.7	1.0	1.3	1.7	1.9	2.1	2.3	2.4
85°	0.0	0.4	0.8	1.3	2.0	2.6	3.4	3.8	4.2	4.5	4.8
82.5°	0.0	0.6	1.2	2.0	2.9	4.0	5.1	5.7	6.5	7.8	8.8
80°	0.0	0.8	1.6	2.7	3.9	5.2	7.0	9.4	11.2	12.6	13.6
77.5°	0.0	1.0	2.0	3.3	4.8	7.2	11.1	13.9	16.0	17.5	18.9
75°	0.0	1.2	2.4	4.0	6.0	10.3	15.1	18.4	20.9	23.5	25.5
72.5°	0.0	1.4	2.8	4.6	8.2	13.3	18.9	23.2	26.9	29.9	32.1
70°	0.0	1.6	3.2	5.4	10.4	16.2	22.8	28.9	33.0	36.4	41.6
67.5°	0.0	1.8	3.6	6.9	12.6	19.1	27.3	34.5	39.1	44.5	51.4
65°	0.0	2.0	4.0	8.3	14.6	22.1	31.6	40.2	45.6	52.4	60.7
62.5°	0.0	2.2	4.3	9.7	16.6	25.3	35.7	45.3	51.7	60.0	69.2
60°	0.0	2.3	4.7	11.0	18.5	28.4	39.6	50.0	57.5	67.7	77.7
57.5°	0.0	2.5	5.5	12.3	20.6	31.3	42.3	54.1	64.0	75.2	85.1
55°	0.0	2.7	6.3	13.5	22.7	34.0	44.6	57.1	70.6	82.3	91.8
52.5°	0.0	2.9	7.1	14.6	24.6	36.3	46.5	61.2	77.1	88.4	98.5
50°	0.0	3.0	7.9	15.7	26.4	37.5	48.1	65.1	83.1	94.2	105.9
47.5°	0.0	3.2	8.6	16.8	28.1	38.4	49.6	68.4	88.2	100.0	113.1
45°	0.0	3.3	9.3	17.9	29.6	39.1	52.0	71.3	90.8	106.2	120.0
42.5°	0.0	3.5	10.0	18.9	30.9	39.6	54.0	73.3	92.9	112.2	127.1
40°	0.0	3.6	10.6	20.0	31.7	39.8	55.7	74.7	94.6	117.4	134.0
37.5°	0.0	3.7	11.2	21.2	31.8	39.8	57.0	75.6	96.6	120.0	140.5
35°	0.0	3.8	11.7	22.3	31.7	40.3	57.9	76.2	98.2	123.9	146.8
32.5°	0.0	4.0	12.2	23.3	31.5	40.9	58.4	76.3	99.5	128.5	152.5
30°	0.0	4.1	12.7	24.4	31.2	41.3	58.3	76.3	100.5	133.9	158.2
27.5°	0.0	4.2	13.1	25.4	31.6	41.4	58.0	76.8	102.5	140.0	163.7
25°	0.0	4.3	13.5	26.3	31.9	41.3	57.3	77.0	106.6	145.1	169.1
22.5°	0.0	4.3	13.9	27.2	32.2	41.4	56.4	76.9	110.9	149.3	175.8
20°	0.0	4.4	14.2	28.1	32.5	42.4	55.2	76.5	115.3	153.3	181.9
17.5°	0.0	4.5	14.5	28.8	32.7	43.4	55.3	75.8	119.6	156.9	187.3
15°	0.0	4.5	14.7	29.6	32.9	44.2	56.1	75.5	123.7	160.2	192.1
12.5°	0.0	4.6	14.9	30.2	33.0	44.9	56.8	75.9	126.6	163.2	196.2
10°	0.0	4.6	15.0	30.8	33.1	45.5	57.3	75.7	127.8	165.6	199.6
7.5°	0.0	4.7	15.1	31.3	33.1	45.9	57.7	75.1	127.9	168.0	202.6
5°	0.0	4.7	15.2	31.7	33.2	46.2	57.9	74.1	127.0	170.2	204.8
2.5°	0.0	4.7	15.2	32.1	33.2	46.4	58.0	72.8	125.2	171.9	206.3
0°	0.0	4.7	15.2	32.3	33.2	46.5	57.9	71.2	122.5	172.9	207.1
-2.5°	0.0	4.7	15.2	32.1	33.2	46.4	58.0	72.8	125.2	171.9	206.3
-5°	0.0	4.7	15.2	31.7	33.2	46.2	57.9	74.1	127.0	170.2	204.8
-7.5°	0.0	4.7	15.1	31.3	33.1	45.9	57.7	75.1	127.9	168.0	202.6
-10°	0.0	4.6	15.0	30.8	33.1	45.5	57.3	75.7	127.8	165.6	199.6
-12.5°	0.0	4.6	14.9	30.2	33.0	44.9	56.8	75.9	126.6	163.2	196.2
-15°	0.0	4.5	14.7	29.6	32.9	44.2	56.1	75.5	123.7	160.2	192.1
-17.5°	0.0	4.5	14.5	28.8	32.7	43.4	55.3	75.8	119.6	156.9	187.3
-20°	0.0	4.4	14.2	28.1	32.5	42.4	55.2	76.5	115.3	153.3	181.9



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.3	13.9	27.2	32.2	41.4	56.4	76.9	110.9	149.3	175.8
-25°	0.0	4.3	13.5	26.3	31.9	41.3	57.3	77.0	106.6	145.1	169.1
-27.5°	0.0	4.2	13.1	25.4	31.6	41.4	58.0	76.8	102.5	140.0	163.7
-30°	0.0	4.1	12.7	24.4	31.2	41.3	58.3	76.3	100.5	133.9	158.2
-32.5°	0.0	4.0	12.2	23.3	31.5	40.9	58.4	76.3	99.5	128.5	152.5
-35°	0.0	3.8	11.7	22.3	31.7	40.3	57.9	76.2	98.2	123.9	146.8
-37.5°	0.0	3.7	11.2	21.2	31.8	39.8	57.0	75.6	96.6	120.0	140.5
-40°	0.0	3.6	10.6	20.0	31.7	39.8	55.7	74.7	94.6	117.4	134.0
-42.5°	0.0	3.5	10.0	18.9	30.9	39.6	54.0	73.3	92.9	112.2	127.1
-45°	0.0	3.3	9.3	17.9	29.6	39.1	52.0	71.3	90.8	106.2	120.0
-47.5°	0.0	3.2	8.6	16.8	28.1	38.4	49.6	68.4	88.2	100.0	113.1
-50°	0.0	3.0	7.9	15.7	26.4	37.5	48.1	65.1	83.1	94.2	105.9
-52.5°	0.0	2.9	7.1	14.6	24.6	36.3	46.5	61.2	77.1	88.4	98.5
-55°	0.0	2.7	6.3	13.5	22.7	34.0	44.6	57.1	70.6	82.3	91.8
-57.5°	0.0	2.5	5.5	12.3	20.6	31.3	42.3	54.1	64.0	75.2	85.1
-60°	0.0	2.3	4.7	11.0	18.5	28.4	39.6	50.0	57.5	67.7	77.7
-62.5°	0.0	2.2	4.3	9.7	16.6	25.3	35.7	45.3	51.7	60.0	69.2
-65°	0.0	2.0	4.0	8.3	14.6	22.1	31.6	40.2	45.6	52.4	60.7
-67.5°	0.0	1.8	3.6	6.9	12.6	19.1	27.3	34.5	39.1	44.5	51.4
-70°	0.0	1.6	3.2	5.4	10.4	16.2	22.8	28.9	33.0	36.4	41.6
-72.5°	0.0	1.4	2.8	4.6	8.2	13.3	18.9	23.2	26.9	29.9	32.1
-75°	0.0	1.2	2.4	4.0	6.0	10.3	15.1	18.4	20.9	23.5	25.5
-77.5°	0.0	1.0	2.0	3.3	4.8	7.2	11.1	13.9	16.0	17.5	18.9
-80°	0.0	0.8	1.6	2.7	3.9	5.2	7.0	9.4	11.2	12.6	13.6
-82.5°	0.0	0.6	1.2	2.0	2.9	4.0	5.1	5.7	6.5	7.8	8.8
-85°	0.0	0.4	0.8	1.3	2.0	2.6	3.4	3.8	4.2	4.5	4.8
-87.5°	0.0	0.2	0.4	0.7	1.0	1.3	1.7	1.9	2.1	2.3	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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 CATALOG NUMBER: GFLD-SA2D-930-U-MWR-XX

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	2.0	1.8	1.6	1.3	1.4	1.5	1.5
85°	4.8	4.8	5.1	5.5	5.6	5.6	5.4	5.1	5.8	6.7	7.6
82.5°	9.6	10.5	11.3	12.0	12.0	11.8	11.3	10.9	12.5	14.6	16.8
80°	14.9	16.1	18.0	19.9	20.4	20.2	19.6	18.5	20.8	24.2	28.0
77.5°	21.3	23.8	26.4	29.0	29.7	29.1	27.9	25.9	28.8	34.3	40.4
75°	28.2	31.5	35.6	38.8	39.5	38.4	36.5	34.8	38.4	45.1	51.6
72.5°	36.9	42.2	46.2	49.1	49.3	48.3	47.4	46.5	50.5	58.5	65.2
70°	47.9	53.2	56.4	58.1	58.6	59.2	61.9	64.5	68.4	75.3	80.7
67.5°	58.8	63.0	65.9	68.0	72.1	76.0	79.7	83.5	88.0	93.8	97.9
65°	68.5	72.9	76.7	81.6	87.5	92.3	97.3	102.7	108.8	114.2	118.2
62.5°	78.2	82.8	88.1	94.6	101.6	107.9	115.2	122.7	129.9	136.2	143.0
60°	86.1	92.3	99.4	107.3	115.6	125.2	134.0	142.7	150.6	158.4	168.0
57.5°	93.6	102.0	110.7	120.1	131.1	142.8	153.1	162.6	172.6	183.9	193.3
55°	101.5	112.1	122.1	133.5	146.5	160.6	171.9	182.6	194.9	208.5	219.0
52.5°	110.0	121.8	133.5	147.1	162.8	176.9	188.7	202.1	217.0	231.7	243.9
50°	118.3	131.3	144.9	162.2	177.8	191.2	205.9	222.0	237.6	252.6	267.1
47.5°	126.6	140.5	158.5	176.2	190.9	206.5	223.7	240.3	256.6	272.4	287.5
45°	134.8	151.3	171.3	188.1	204.4	222.4	240.1	257.5	274.7	291.4	308.0
42.5°	142.7	161.8	182.0	199.6	218.3	237.1	255.6	274.0	292.2	310.1	327.7
40°	151.3	171.4	192.7	211.9	231.4	251.0	270.6	290.0	309.1	328.1	346.8
37.5°	159.2	181.4	203.5	223.6	243.7	264.3	284.8	305.3	325.5	345.3	366.6
35°	166.3	191.5	213.8	234.9	256.0	276.8	298.5	320.1	341.4	362.8	390.0
32.5°	174.3	201.7	223.5	245.8	267.6	289.0	311.5	334.4	357.1	382.1	421.1
30°	183.3	210.2	232.7	256.2	278.4	301.0	324.2	348.1	372.0	411.0	501.1
27.5°	192.0	217.9	241.7	265.7	288.6	312.0	336.4	361.1	394.4	454.3	600.5
25°	200.1	225.4	250.1	274.3	298.1	322.4	347.6	373.3	418.4	539.4	862.4
22.5°	207.0	232.6	258.4	282.3	306.6	331.7	357.9	392.1	461.7	625.3	1153.8
20°	212.8	239.5	265.8	290.7	314.6	340.1	367.3	409.9	527.6	870.6	1503.1
17.5°	218.2	245.8	272.7	298.7	323.8	348.8	376.7	425.3	586.8	1083.8	1854.2
15°	223.2	251.4	279.0	306.2	332.2	358.2	391.6	469.2	706.8	1295.5	2167.0
12.5°	227.6	256.3	284.9	313.1	339.7	366.6	404.9	512.7	853.7	1543.8	2380.5
10°	231.6	260.5	290.1	319.4	346.4	373.9	416.1	548.5	974.4	1748.0	2552.0
7.5°	235.2	264.6	294.9	325.0	352.1	380.2	425.3	576.5	1067.7	1901.8	2688.9
5°	238.2	268.6	300.6	331.1	359.3	387.1	433.2	596.5	1133.2	2005.4	2788.6
2.5°	240.6	271.9	305.6	336.5	367.2	395.5	442.3	611.3	1175.5	2071.4	2852.4
0°	242.2	274.5	309.7	341.0	374.3	402.8	449.3	618.4	1191.2	2095.5	2876.4
-2.5°	240.6	271.9	305.6	336.5	367.2	395.5	442.3	611.3	1175.5	2071.4	2852.4
-5°	238.2	268.6	300.6	331.1	359.3	387.1	433.2	596.5	1133.2	2005.4	2788.6
-7.5°	235.2	264.6	294.9	325.0	352.1	380.2	425.3	576.5	1067.7	1901.8	2688.9
-10°	231.6	260.5	290.1	319.4	346.4	373.9	416.1	548.5	974.4	1748.0	2552.0
-12.5°	227.6	256.3	284.9	313.1	339.7	366.6	404.9	512.7	853.7	1543.8	2380.5
-15°	223.2	251.4	279.0	306.2	332.2	358.2	391.6	469.2	706.8	1295.5	2167.0
-17.5°	218.2	245.8	272.7	298.7	323.8	348.8	376.7	425.3	586.8	1083.8	1854.2
-20°	212.8	239.5	265.8	290.7	314.6	340.1	367.3	409.9	527.6	870.6	1503.1



REPORT NUMBER: P558693 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	207.0	232.6	258.4	282.3	306.6	331.7	357.9	392.1	461.7	625.3	1153.8
-25°	200.1	225.4	250.1	274.3	298.1	322.4	347.6	373.3	418.4	539.4	862.4
-27.5°	192.0	217.9	241.7	265.7	288.6	312.0	336.4	361.1	394.4	454.3	600.5
-30°	183.3	210.2	232.7	256.2	278.4	301.0	324.2	348.1	372.0	411.0	501.1
-32.5°	174.3	201.7	223.5	245.8	267.6	289.0	311.5	334.4	357.1	382.1	421.1
-35°	166.3	191.5	213.8	234.9	256.0	276.8	298.5	320.1	341.4	362.8	390.0
-37.5°	159.2	181.4	203.5	223.6	243.7	264.3	284.8	305.3	325.5	345.3	366.6
-40°	151.3	171.4	192.7	211.9	231.4	251.0	270.6	290.0	309.1	328.1	346.8
-42.5°	142.7	161.8	182.0	199.6	218.3	237.1	255.6	274.0	292.2	310.1	327.7
-45°	134.8	151.3	171.3	188.1	204.4	222.4	240.1	257.5	274.7	291.4	308.0
-47.5°	126.6	140.5	158.5	176.2	190.9	206.5	223.7	240.3	256.6	272.4	287.5
-50°	118.3	131.3	144.9	162.2	177.8	191.2	205.9	222.0	237.6	252.6	267.1
-52.5°	110.0	121.8	133.5	147.1	162.8	176.9	188.7	202.1	217.0	231.7	243.9
-55°	101.5	112.1	122.1	133.5	146.5	160.6	171.9	182.6	194.9	208.5	219.0
-57.5°	93.6	102.0	110.7	120.1	131.1	142.8	153.1	162.6	172.6	183.9	193.3
-60°	86.1	92.3	99.4	107.3	115.6	125.2	134.0	142.7	150.6	158.4	168.0
-62.5°	78.2	82.8	88.1	94.6	101.6	107.9	115.2	122.7	129.9	136.2	143.0
-65°	68.5	72.9	76.7	81.6	87.5	92.3	97.3	102.7	108.8	114.2	118.2
-67.5°	58.8	63.0	65.9	68.0	72.1	76.0	79.7	83.5	88.0	93.8	97.9
-70°	47.9	53.2	56.4	58.1	58.6	59.2	61.9	64.5	68.4	75.3	80.7
-72.5°	36.9	42.2	46.2	49.1	49.3	48.3	47.4	46.5	50.5	58.5	65.2
-75°	28.2	31.5	35.6	38.8	39.5	38.4	36.5	34.8	38.4	45.1	51.6
-77.5°	21.3	23.8	26.4	29.0	29.7	29.1	27.9	25.9	28.8	34.3	40.4
-80°	14.9	16.1	18.0	19.9	20.4	20.2	19.6	18.5	20.8	24.2	28.0
-82.5°	9.6	10.5	11.3	12.0	12.0	11.8	11.3	10.9	12.5	14.6	16.8
-85°	4.8	4.8	5.1	5.5	5.6	5.6	5.4	5.1	5.8	6.7	7.6
-87.5°	2.4	2.4	2.3	2.2	2.0	1.8	1.6	1.3	1.4	1.5	1.5
-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: P558693 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-U-MWR-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	1.6	1.4
85°	8.5	8.3	7.8	7.3	6.6	6.9	7.3	7.7	8.0	7.5	6.9
82.5°	19.1	19.4	19.4	19.3	19.2	20.1	20.9	21.5	22.1	20.5	18.5
80°	32.2	33.8	34.7	35.5	36.2	36.3	35.8	34.9	33.7	30.8	27.7
77.5°	46.6	49.0	50.3	51.5	52.7	53.2	53.5	53.8	54.1	49.1	42.7
75°	57.9	61.5	63.6	65.5	67.3	68.3	68.9	69.2	69.4	63.3	55.5
72.5°	70.6	74.1	76.6	79.0	81.2	82.7	83.5	84.2	84.6	79.3	71.9
70°	84.6	87.4	90.4	93.3	96.1	97.9	99.2	100.2	100.9	100.4	100.0
67.5°	101.2	103.6	107.3	110.1	113.0	115.0	117.1	118.8	120.1	121.5	123.1
65°	122.0	127.8	133.2	135.9	136.3	139.2	144.0	147.1	148.7	149.9	151.5
62.5°	150.9	158.0	161.8	166.4	172.3	177.7	179.8	182.6	185.9	190.0	194.6
60°	175.7	181.6	187.7	194.0	199.4	203.9	208.7	213.6	218.0	222.1	226.0
57.5°	201.1	207.5	213.7	221.1	226.2	229.2	234.0	239.8	244.3	247.8	253.1
55°	227.4	235.7	244.1	250.7	255.6	258.8	262.4	268.0	271.3	272.6	278.7
52.5°	253.7	263.6	274.0	281.8	286.9	291.7	296.2	301.1	304.4	306.1	312.1
50°	278.3	290.0	301.6	311.7	318.5	326.5	335.5	339.9	342.8	346.0	352.7
47.5°	301.5	314.6	327.0	338.5	348.3	357.3	365.0	372.5	383.5	392.3	400.9
45°	323.9	337.9	351.3	364.2	375.2	392.7	409.3	423.5	461.4	493.3	517.6
42.5°	345.0	361.9	377.0	398.4	421.8	462.1	524.5	582.3	694.1	838.1	958.3
40°	367.0	388.9	416.0	457.7	536.5	617.6	860.0	1076.0	1288.5	1530.1	1737.2
37.5°	392.6	425.6	505.0	599.2	852.1	1131.8	1475.4	1812.6	2106.2	2357.5	2567.3
35°	426.6	528.6	676.9	1020.1	1393.8	1852.4	2248.4	2565.5	2855.6	3088.4	3263.7
32.5°	526.7	713.3	1105.1	1577.2	2091.1	2534.2	2919.9	3223.5	3488.2	3696.8	3859.3
30°	673.2	1102.3	1634.4	2199.7	2711.6	3134.7	3491.0	3780.5	4016.7	4229.0	4407.3
27.5°	1021.5	1573.6	2198.9	2775.6	3241.2	3637.3	3957.0	4243.7	4504.1	4727.7	4938.5
25°	1402.5	2085.9	2716.8	3241.7	3676.2	4047.8	4384.9	4698.5	4990.1	5251.8	5496.9
22.5°	1860.2	2541.8	3144.7	3630.5	4051.5	4433.2	4791.4	5140.4	5479.8	5799.1	6095.7
20°	2274.5	2943.5	3469.2	3954.3	4391.8	4789.6	5184.3	5591.1	5982.7	6367.4	6724.5
17.5°	2597.4	3219.8	3747.5	4239.3	4684.6	5135.1	5586.7	6054.0	6526.4	6973.1	7400.3
15°	2867.1	3450.2	3985.1	4476.7	4966.3	5463.4	5968.0	6518.4	7080.4	7615.0	8159.6
12.5°	3058.2	3642.5	4184.8	4678.1	5227.0	5766.6	6354.0	6981.3	7630.3	8253.0	8921.9
10°	3211.9	3796.0	4333.7	4865.6	5446.5	6044.8	6703.6	7394.6	8169.0	8906.4	9627.1
7.5°	3343.7	3923.9	4453.3	5018.5	5629.1	6286.7	7003.2	7784.4	8622.5	9443.0	10300.9
5°	3440.2	4011.2	4546.2	5143.8	5769.5	6463.4	7234.3	8069.1	8967.9	9866.9	10715.3
2.5°	3491.2	4060.9	4603.9	5221.5	5851.8	6570.5	7373.3	8258.1	9207.5	10188.5	11025.0
0°	3490.0	4081.8	4626.1	5274.0	5912.3	6602.9	7433.2	8379.3	9305.5	10324.7	11183.5
-2.5°	3491.2	4060.9	4603.9	5221.5	5851.8	6570.5	7373.3	8258.1	9207.5	10188.5	11025.0
-5°	3440.2	4011.2	4546.2	5143.8	5769.5	6463.4	7234.3	8069.1	8967.9	9866.9	10715.3
-7.5°	3343.7	3923.9	4453.3	5018.5	5629.1	6286.7	7003.2	7784.4	8622.5	9443.0	10300.9
-10°	3211.9	3796.0	4333.7	4865.6	5446.5	6044.8	6703.6	7394.6	8169.0	8906.4	9627.1
-12.5°	3058.2	3642.5	4184.8	4678.1	5227.0	5766.6	6354.0	6981.3	7630.3	8253.0	8921.9
-15°	2867.1	3450.2	3985.1	4476.7	4966.3	5463.4	5968.0	6518.4	7080.4	7615.0	8159.6
-17.5°	2597.4	3219.8	3747.5	4239.3	4684.6	5135.1	5586.7	6054.0	6526.4	6973.1	7400.3
-20°	2274.5	2943.5	3469.2	3954.3	4391.8	4789.6	5184.3	5591.1	5982.7	6367.4	6724.5



REPORT NUMBER: P558693 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1860.2	2541.8	3144.7	3630.5	4051.5	4433.2	4791.4	5140.4	5479.8	5799.1	6095.7
-25°	1402.5	2085.9	2716.8	3241.7	3676.2	4047.8	4384.9	4698.5	4990.1	5251.8	5496.9
-27.5°	1021.5	1573.6	2198.9	2775.6	3241.2	3637.3	3957.0	4243.7	4504.1	4727.7	4938.5
-30°	673.2	1102.3	1634.4	2199.7	2711.6	3134.7	3491.0	3780.5	4016.7	4229.0	4407.3
-32.5°	526.7	713.3	1105.1	1577.2	2091.1	2534.2	2919.9	3223.5	3488.2	3696.8	3859.3
-35°	426.6	528.6	676.9	1020.1	1393.8	1852.4	2248.4	2565.5	2855.6	3088.4	3263.7
-37.5°	392.6	425.6	505.0	599.2	852.1	1131.8	1475.4	1812.6	2106.2	2357.5	2567.3
-40°	367.0	388.9	416.0	457.7	536.5	617.6	860.0	1076.0	1288.5	1530.1	1737.2
-42.5°	345.0	361.9	377.0	398.4	421.8	462.1	524.5	582.3	694.1	838.1	958.3
-45°	323.9	337.9	351.3	364.2	375.2	392.7	409.3	423.5	461.4	493.3	517.6
-47.5°	301.5	314.6	327.0	338.5	348.3	357.3	365.0	372.5	383.5	392.3	400.9
-50°	278.3	290.0	301.6	311.7	318.5	326.5	335.5	339.9	342.8	346.0	352.7
-52.5°	253.7	263.6	274.0	281.8	286.9	291.7	296.2	301.1	304.4	306.1	312.1
-55°	227.4	235.7	244.1	250.7	255.6	258.8	262.4	268.0	271.3	272.6	278.7
-57.5°	201.1	207.5	213.7	221.1	226.2	229.2	234.0	239.8	244.3	247.8	253.1
-60°	175.7	181.6	187.7	194.0	199.4	203.9	208.7	213.6	218.0	222.1	226.0
-62.5°	150.9	158.0	161.8	166.4	172.3	177.7	179.8	182.6	185.9	190.0	194.6
-65°	122.0	127.8	133.2	135.9	136.3	139.2	144.0	147.1	148.7	149.9	151.5
-67.5°	101.2	103.6	107.3	110.1	113.0	115.0	117.1	118.8	120.1	121.5	123.1
-70°	84.6	87.4	90.4	93.3	96.1	97.9	99.2	100.2	100.9	100.4	100.0
-72.5°	70.6	74.1	76.6	79.0	81.2	82.7	83.5	84.2	84.6	79.3	71.9
-75°	57.9	61.5	63.6	65.5	67.3	68.3	68.9	69.2	69.4	63.3	55.5
-77.5°	46.6	49.0	50.3	51.5	52.7	53.2	53.5	53.8	54.1	49.1	42.7
-80°	32.2	33.8	34.7	35.5	36.2	36.3	35.8	34.9	33.7	30.8	27.7
-82.5°	19.1	19.4	19.4	19.3	19.2	20.1	20.9	21.5	22.1	20.5	18.5
-85°	8.5	8.3	7.8	7.3	6.6	6.9	7.3	7.7	8.0	7.5	6.9
-87.5°	1.6	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.8	1.6	1.4
-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: P558693 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-U-MWR-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°	1.1	0.9	0.9	0.9	0.9	0.9	1.1	1.4	1.6	1.8	1.8
85°	6.3	5.7	5.7	5.7	5.7	5.7	6.3	6.9	7.5	8.0	7.7
82.5°	16.4	14.1	14.2	14.2	14.2	14.1	16.4	18.5	20.5	22.1	21.5
80°	24.3	20.9	21.3	21.8	21.3	20.9	24.3	27.7	30.8	33.7	34.9
77.5°	35.9	28.7	28.5	28.5	28.5	28.7	35.9	42.7	49.1	54.1	53.8
75°	47.5	39.2	38.8	38.9	38.8	39.2	47.5	55.5	63.3	69.4	69.2
72.5°	64.2	56.3	52.8	49.4	52.8	56.3	64.2	71.9	79.3	84.6	84.2
70°	100.1	100.3	96.8	92.1	96.8	100.3	100.1	100.0	100.4	100.9	100.2
67.5°	124.4	125.4	126.9	128.2	126.9	125.4	124.4	123.1	121.5	120.1	118.8
65°	152.2	152.1	152.6	152.9	152.6	152.1	152.2	151.5	149.9	148.7	147.1
62.5°	198.6	201.8	204.0	205.2	204.0	201.8	198.6	194.6	190.0	185.9	182.6
60°	229.3	232.0	235.7	239.4	235.7	232.0	229.3	226.0	222.1	218.0	213.6
57.5°	258.1	262.5	266.1	268.8	266.1	262.5	258.1	253.1	247.8	244.3	239.8
55°	284.6	289.8	294.7	299.2	294.7	289.8	284.6	278.7	272.6	271.3	268.0
52.5°	317.9	322.2	329.2	338.2	329.2	322.2	317.9	312.1	306.1	304.4	301.1
50°	360.5	366.9	375.8	386.6	375.8	366.9	360.5	352.7	346.0	342.8	339.9
47.5°	409.7	416.1	424.7	436.0	424.7	416.1	409.7	400.9	392.3	383.5	372.5
45°	539.8	555.0	568.9	584.2	568.9	555.0	539.8	517.6	493.3	461.4	423.5
42.5°	1054.7	1121.3	1150.1	1133.3	1150.1	1121.3	1054.7	958.3	838.1	694.1	582.3
40°	1895.0	2005.8	2070.9	2093.6	2070.9	2005.8	1895.0	1737.2	1530.1	1288.5	1076.0
37.5°	2720.5	2822.5	2877.5	2884.0	2877.5	2822.5	2720.5	2567.3	2357.5	2106.2	1812.6
35°	3390.2	3474.1	3523.9	3561.3	3523.9	3474.1	3390.2	3263.7	3088.4	2855.6	2565.5
32.5°	3991.6	4087.3	4142.6	4130.3	4142.6	4087.3	3991.6	3859.3	3696.8	3488.2	3223.5
30°	4553.4	4658.1	4723.0	4724.9	4723.0	4658.1	4553.4	4407.3	4229.0	4016.7	3780.5
27.5°	5108.8	5226.3	5294.1	5347.1	5294.1	5226.3	5108.8	4938.5	4727.7	4504.1	4243.7
25°	5701.3	5847.8	5934.8	5987.4	5934.8	5847.8	5701.3	5496.9	5251.8	4990.1	4698.5
22.5°	6340.2	6521.6	6640.8	6690.3	6640.8	6521.6	6340.2	6095.7	5799.1	5479.8	5140.4
20°	7035.1	7259.9	7412.2	7407.5	7412.2	7259.9	7035.1	6724.5	6367.4	5982.7	5591.1
17.5°	7810.5	8100.5	8296.7	8325.1	8296.7	8100.5	7810.5	7400.3	6973.1	6526.4	6054.0
15°	8641.9	9015.7	9269.5	9348.2	9269.5	9015.7	8641.9	8159.6	7615.0	7080.4	6518.4
12.5°	9493.7	9938.4	10276.8	10389.3	10276.8	9938.4	9493.7	8921.9	8253.0	7630.3	6981.3
10°	10305.4	10798.0	11165.3	11327.8	11165.3	10798.0	10305.4	9627.1	8906.4	8169.0	7394.6
7.5°	10983.9	11484.4	11862.7	11996.6	11862.7	11484.4	10983.9	10300.9	9443.0	8622.5	7784.4
5°	11431.0	11977.8	12272.0	12437.4	12272.0	11977.8	11431.0	10715.3	9866.9	8967.9	8069.1
2.5°	11729.7	12193.3	12491.2	12643.5	12491.2	12193.3	11729.7	11025.0	10188.5	9207.5	8258.1
0°	11888.3	12360.4	12578.9	12653.0	12578.9	12360.4	11888.3	11183.5	10324.7	9305.5	8379.3
-2.5°	11729.7	12193.3	12491.2	12643.5	12491.2	12193.3	11729.7	11025.0	10188.5	9207.5	8258.1
-5°	11431.0	11977.8	12272.0	12437.4	12272.0	11977.8	11431.0	10715.3	9866.9	8967.9	8069.1
-7.5°	10983.9	11484.4	11862.7	11996.6	11862.7	11484.4	10983.9	10300.9	9443.0	8622.5	7784.4
-10°	10305.4	10798.0	11165.3	11327.8	11165.3	10798.0	10305.4	9627.1	8906.4	8169.0	7394.6
-12.5°	9493.7	9938.4	10276.8	10389.3	10276.8	9938.4	9493.7	8921.9	8253.0	7630.3	6981.3
-15°	8641.9	9015.7	9269.5	9348.2	9269.5	9015.7	8641.9	8159.6	7615.0	7080.4	6518.4
-17.5°	7810.5	8100.5	8296.7	8325.1	8296.7	8100.5	7810.5	7400.3	6973.1	6526.4	6054.0
-20°	7035.1	7259.9	7412.2	7407.5	7412.2	7259.9	7035.1	6724.5	6367.4	5982.7	5591.1



REPORT NUMBER: P558693 (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°	6340.2	6521.6	6640.8	6690.3	6640.8	6521.6	6340.2	6095.7	5799.1	5479.8	5140.4
-25°	5701.3	5847.8	5934.8	5987.4	5934.8	5847.8	5701.3	5496.9	5251.8	4990.1	4698.5
-27.5°	5108.8	5226.3	5294.1	5347.1	5294.1	5226.3	5108.8	4938.5	4727.7	4504.1	4243.7
-30°	4553.4	4658.1	4723.0	4724.9	4723.0	4658.1	4553.4	4407.3	4229.0	4016.7	3780.5
-32.5°	3991.6	4087.3	4142.6	4130.3	4142.6	4087.3	3991.6	3859.3	3696.8	3488.2	3223.5
-35°	3390.2	3474.1	3523.9	3561.3	3523.9	3474.1	3390.2	3263.7	3088.4	2855.6	2565.5
-37.5°	2720.5	2822.5	2877.5	2884.0	2877.5	2822.5	2720.5	2567.3	2357.5	2106.2	1812.6
-40°	1895.0	2005.8	2070.9	2093.6	2070.9	2005.8	1895.0	1737.2	1530.1	1288.5	1076.0
-42.5°	1054.7	1121.3	1150.1	1133.3	1150.1	1121.3	1054.7	958.3	838.1	694.1	582.3
-45°	539.8	555.0	568.9	584.2	568.9	555.0	539.8	517.6	493.3	461.4	423.5
-47.5°	409.7	416.1	424.7	436.0	424.7	416.1	409.7	400.9	392.3	383.5	372.5
-50°	360.5	366.9	375.8	386.6	375.8	366.9	360.5	352.7	346.0	342.8	339.9
-52.5°	317.9	322.2	329.2	338.2	329.2	322.2	317.9	312.1	306.1	304.4	301.1
-55°	284.6	289.8	294.7	299.2	294.7	289.8	284.6	278.7	272.6	271.3	268.0
-57.5°	258.1	262.5	266.1	268.8	266.1	262.5	258.1	253.1	247.8	244.3	239.8
-60°	229.3	232.0	235.7	239.4	235.7	232.0	229.3	226.0	222.1	218.0	213.6
-62.5°	198.6	201.8	204.0	205.2	204.0	201.8	198.6	194.6	190.0	185.9	182.6
-65°	152.2	152.1	152.6	152.9	152.6	152.1	152.2	151.5	149.9	148.7	147.1
-67.5°	124.4	125.4	126.9	128.2	126.9	125.4	124.4	123.1	121.5	120.1	118.8
-70°	100.1	100.3	96.8	92.1	96.8	100.3	100.1	100.0	100.4	100.9	100.2
-72.5°	64.2	56.3	52.8	49.4	52.8	56.3	64.2	71.9	79.3	84.6	84.2
-75°	47.5	39.2	38.8	38.9	38.8	39.2	47.5	55.5	63.3	69.4	69.2
-77.5°	35.9	28.7	28.5	28.5	28.5	28.7	35.9	42.7	49.1	54.1	53.8
-80°	24.3	20.9	21.3	21.8	21.3	20.9	24.3	27.7	30.8	33.7	34.9
-82.5°	16.4	14.1	14.2	14.2	14.2	14.1	16.4	18.5	20.5	22.1	21.5
-85°	6.3	5.7	5.7	5.7	5.7	5.7	6.3	6.9	7.5	8.0	7.7
-87.5°	1.1	0.9	0.9	0.9	0.9	0.9	1.1	1.4	1.6	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: P558693 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.3
85°	7.3	6.9	6.6	7.3	7.8	8.3	8.5	7.6	6.7	5.8	5.1
82.5°	20.9	20.1	19.2	19.3	19.4	19.4	19.1	16.8	14.6	12.5	10.9
80°	35.8	36.3	36.2	35.5	34.7	33.8	32.2	28.0	24.2	20.8	18.5
77.5°	53.5	53.2	52.7	51.5	50.3	49.0	46.6	40.4	34.3	28.8	25.9
75°	68.9	68.3	67.3	65.5	63.6	61.5	57.9	51.6	45.1	38.4	34.8
72.5°	83.5	82.7	81.2	79.0	76.6	74.1	70.6	65.2	58.5	50.5	46.5
70°	99.2	97.9	96.1	93.3	90.4	87.4	84.6	80.7	75.3	68.4	64.5
67.5°	117.1	115.0	113.0	110.1	107.3	103.6	101.2	97.9	93.8	88.0	83.5
65°	144.0	139.2	136.3	135.9	133.2	127.8	122.0	118.2	114.2	108.8	102.7
62.5°	179.8	177.7	172.3	166.4	161.8	158.0	150.9	143.0	136.2	129.9	122.7
60°	208.7	203.9	199.4	194.0	187.7	181.6	175.7	168.0	158.4	150.6	142.7
57.5°	234.0	229.2	226.2	221.1	213.7	207.5	201.1	193.3	183.9	172.6	162.6
55°	262.4	258.8	255.6	250.7	244.1	235.7	227.4	219.0	208.5	194.9	182.6
52.5°	296.2	291.7	286.9	281.8	274.0	263.6	253.7	243.9	231.7	217.0	202.1
50°	335.5	326.5	318.5	311.7	301.6	290.0	278.3	267.1	252.6	237.6	222.0
47.5°	365.0	357.3	348.3	338.5	327.0	314.6	301.5	287.5	272.4	256.6	240.3
45°	409.3	392.7	375.2	364.2	351.3	337.9	323.9	308.0	291.4	274.7	257.5
42.5°	524.5	462.1	421.8	398.4	377.0	361.9	345.0	327.7	310.1	292.2	274.0
40°	860.0	617.6	536.5	457.7	416.0	388.9	367.0	346.8	328.1	309.1	290.0
37.5°	1475.4	1131.8	852.1	599.2	505.0	425.6	392.6	366.6	345.3	325.5	305.3
35°	2248.4	1852.4	1393.8	1020.1	676.9	528.6	426.6	390.0	362.8	341.4	320.1
32.5°	2919.9	2534.2	2091.1	1577.2	1105.1	713.3	526.7	421.1	382.1	357.1	334.4
30°	3491.0	3134.7	2711.6	2199.7	1634.4	1102.3	673.2	501.1	411.0	372.0	348.1
27.5°	3957.0	3637.3	3241.2	2775.6	2198.9	1573.6	1021.5	600.5	454.3	394.4	361.1
25°	4384.9	4047.8	3676.2	3241.7	2716.8	2085.9	1402.5	862.4	539.4	418.4	373.3
22.5°	4791.4	4433.2	4051.5	3630.5	3144.7	2541.8	1860.2	1153.8	625.3	461.7	392.1
20°	5184.3	4789.6	4391.8	3954.3	3469.2	2943.5	2274.5	1503.1	870.6	527.6	409.9
17.5°	5586.7	5135.1	4684.6	4239.3	3747.5	3219.8	2597.4	1854.2	1083.8	586.8	425.3
15°	5968.0	5463.4	4966.3	4476.7	3985.1	3450.2	2867.1	2167.0	1295.5	706.8	469.2
12.5°	6354.0	5766.6	5227.0	4678.1	4184.8	3642.5	3058.2	2380.5	1543.8	853.7	512.7
10°	6703.6	6044.8	5446.5	4865.6	4333.7	3796.0	3211.9	2552.0	1748.0	974.4	548.5
7.5°	7003.2	6286.7	5629.1	5018.5	4453.3	3923.9	3343.7	2688.9	1901.8	1067.7	576.5
5°	7234.3	6463.4	5769.5	5143.8	4546.2	4011.2	3440.2	2788.6	2005.4	1133.2	596.5
2.5°	7373.3	6570.5	5851.8	5221.5	4603.9	4060.9	3491.2	2852.4	2071.4	1175.5	611.3
0°	7433.2	6602.9	5912.3	5274.0	4626.1	4081.8	3490.0	2876.4	2095.5	1191.2	618.4
-2.5°	7373.3	6570.5	5851.8	5221.5	4603.9	4060.9	3491.2	2852.4	2071.4	1175.5	611.3
-5°	7234.3	6463.4	5769.5	5143.8	4546.2	4011.2	3440.2	2788.6	2005.4	1133.2	596.5
-7.5°	7003.2	6286.7	5629.1	5018.5	4453.3	3923.9	3343.7	2688.9	1901.8	1067.7	576.5
-10°	6703.6	6044.8	5446.5	4865.6	4333.7	3796.0	3211.9	2552.0	1748.0	974.4	548.5
-12.5°	6354.0	5766.6	5227.0	4678.1	4184.8	3642.5	3058.2	2380.5	1543.8	853.7	512.7
-15°	5968.0	5463.4	4966.3	4476.7	3985.1	3450.2	2867.1	2167.0	1295.5	706.8	469.2
-17.5°	5586.7	5135.1	4684.6	4239.3	3747.5	3219.8	2597.4	1854.2	1083.8	586.8	425.3
-20°	5184.3	4789.6	4391.8	3954.3	3469.2	2943.5	2274.5	1503.1	870.6	527.6	409.9



REPORT NUMBER: P558693 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4791.4	4433.2	4051.5	3630.5	3144.7	2541.8	1860.2	1153.8	625.3	461.7	392.1
-25°	4384.9	4047.8	3676.2	3241.7	2716.8	2085.9	1402.5	862.4	539.4	418.4	373.3
-27.5°	3957.0	3637.3	3241.2	2775.6	2198.9	1573.6	1021.5	600.5	454.3	394.4	361.1
-30°	3491.0	3134.7	2711.6	2199.7	1634.4	1102.3	673.2	501.1	411.0	372.0	348.1
-32.5°	2919.9	2534.2	2091.1	1577.2	1105.1	713.3	526.7	421.1	382.1	357.1	334.4
-35°	2248.4	1852.4	1393.8	1020.1	676.9	528.6	426.6	390.0	362.8	341.4	320.1
-37.5°	1475.4	1131.8	852.1	599.2	505.0	425.6	392.6	366.6	345.3	325.5	305.3
-40°	860.0	617.6	536.5	457.7	416.0	388.9	367.0	346.8	328.1	309.1	290.0
-42.5°	524.5	462.1	421.8	398.4	377.0	361.9	345.0	327.7	310.1	292.2	274.0
-45°	409.3	392.7	375.2	364.2	351.3	337.9	323.9	308.0	291.4	274.7	257.5
-47.5°	365.0	357.3	348.3	338.5	327.0	314.6	301.5	287.5	272.4	256.6	240.3
-50°	335.5	326.5	318.5	311.7	301.6	290.0	278.3	267.1	252.6	237.6	222.0
-52.5°	296.2	291.7	286.9	281.8	274.0	263.6	253.7	243.9	231.7	217.0	202.1
-55°	262.4	258.8	255.6	250.7	244.1	235.7	227.4	219.0	208.5	194.9	182.6
-57.5°	234.0	229.2	226.2	221.1	213.7	207.5	201.1	193.3	183.9	172.6	162.6
-60°	208.7	203.9	199.4	194.0	187.7	181.6	175.7	168.0	158.4	150.6	142.7
-62.5°	179.8	177.7	172.3	166.4	161.8	158.0	150.9	143.0	136.2	129.9	122.7
-65°	144.0	139.2	136.3	135.9	133.2	127.8	122.0	118.2	114.2	108.8	102.7
-67.5°	117.1	115.0	113.0	110.1	107.3	103.6	101.2	97.9	93.8	88.0	83.5
-70°	99.2	97.9	96.1	93.3	90.4	87.4	84.6	80.7	75.3	68.4	64.5
-72.5°	83.5	82.7	81.2	79.0	76.6	74.1	70.6	65.2	58.5	50.5	46.5
-75°	68.9	68.3	67.3	65.5	63.6	61.5	57.9	51.6	45.1	38.4	34.8
-77.5°	53.5	53.2	52.7	51.5	50.3	49.0	46.6	40.4	34.3	28.8	25.9
-80°	35.8	36.3	36.2	35.5	34.7	33.8	32.2	28.0	24.2	20.8	18.5
-82.5°	20.9	20.1	19.2	19.3	19.4	19.4	19.1	16.8	14.6	12.5	10.9
-85°	7.3	6.9	6.6	7.3	7.8	8.3	8.5	7.6	6.7	5.8	5.1
-87.5°	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558693 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-U-MWR-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	1.8	2.0	2.2	2.3	2.4	2.4	2.4	2.3	2.1	1.9
85°	5.4	5.6	5.6	5.5	5.1	4.8	4.8	4.8	4.5	4.2	3.8
82.5°	11.3	11.8	12.0	12.0	11.3	10.5	9.6	8.8	7.8	6.5	5.7
80°	19.6	20.2	20.4	19.9	18.0	16.1	14.9	13.6	12.6	11.2	9.4
77.5°	27.9	29.1	29.7	29.0	26.4	23.8	21.3	18.9	17.5	16.0	13.9
75°	36.5	38.4	39.5	38.8	35.6	31.5	28.2	25.5	23.5	20.9	18.4
72.5°	47.4	48.3	49.3	49.1	46.2	42.2	36.9	32.1	29.9	26.9	23.2
70°	61.9	59.2	58.6	58.1	56.4	53.2	47.9	41.6	36.4	33.0	28.9
67.5°	79.7	76.0	72.1	68.0	65.9	63.0	58.8	51.4	44.5	39.1	34.5
65°	97.3	92.3	87.5	81.6	76.7	72.9	68.5	60.7	52.4	45.6	40.2
62.5°	115.2	107.9	101.6	94.6	88.1	82.8	78.2	69.2	60.0	51.7	45.3
60°	134.0	125.2	115.6	107.3	99.4	92.3	86.1	77.7	67.7	57.5	50.0
57.5°	153.1	142.8	131.1	120.1	110.7	102.0	93.6	85.1	75.2	64.0	54.1
55°	171.9	160.6	146.5	133.5	122.1	112.1	101.5	91.8	82.3	70.6	57.1
52.5°	188.7	176.9	162.8	147.1	133.5	121.8	110.0	98.5	88.4	77.1	61.2
50°	205.9	191.2	177.8	162.2	144.9	131.3	118.3	105.9	94.2	83.1	65.1
47.5°	223.7	206.5	190.9	176.2	158.5	140.5	126.6	113.1	100.0	88.2	68.4
45°	240.1	222.4	204.4	188.1	171.3	151.3	134.8	120.0	106.2	90.8	71.3
42.5°	255.6	237.1	218.3	199.6	182.0	161.8	142.7	127.1	112.2	92.9	73.3
40°	270.6	251.0	231.4	211.9	192.7	171.4	151.3	134.0	117.4	94.6	74.7
37.5°	284.8	264.3	243.7	223.6	203.5	181.4	159.2	140.5	120.0	96.6	75.6
35°	298.5	276.8	256.0	234.9	213.8	191.5	166.3	146.8	123.9	98.2	76.2
32.5°	311.5	289.0	267.6	245.8	223.5	201.7	174.3	152.5	128.5	99.5	76.3
30°	324.2	301.0	278.4	256.2	232.7	210.2	183.3	158.2	133.9	100.5	76.3
27.5°	336.4	312.0	288.6	265.7	241.7	217.9	192.0	163.7	140.0	102.5	76.8
25°	347.6	322.4	298.1	274.3	250.1	225.4	200.1	169.1	145.1	106.6	77.0
22.5°	357.9	331.7	306.6	282.3	258.4	232.6	207.0	175.8	149.3	110.9	76.9
20°	367.3	340.1	314.6	290.7	265.8	239.5	212.8	181.9	153.3	115.3	76.5
17.5°	376.7	348.8	323.8	298.7	272.7	245.8	218.2	187.3	156.9	119.6	75.8
15°	391.6	358.2	332.2	306.2	279.0	251.4	223.2	192.1	160.2	123.7	75.5
12.5°	404.9	366.6	339.7	313.1	284.9	256.3	227.6	196.2	163.2	126.6	75.9
10°	416.1	373.9	346.4	319.4	290.1	260.5	231.6	199.6	165.6	127.8	75.7
7.5°	425.3	380.2	352.1	325.0	294.9	264.6	235.2	202.6	168.0	127.9	75.1
5°	433.2	387.1	359.3	331.1	300.6	268.6	238.2	204.8	170.2	127.0	74.1
2.5°	442.3	395.5	367.2	336.5	305.6	271.9	240.6	206.3	171.9	125.2	72.8
0°	449.3	402.8	374.3	341.0	309.7	274.5	242.2	207.1	172.9	122.5	71.2
-2.5°	442.3	395.5	367.2	336.5	305.6	271.9	240.6	206.3	171.9	125.2	72.8
-5°	433.2	387.1	359.3	331.1	300.6	268.6	238.2	204.8	170.2	127.0	74.1
-7.5°	425.3	380.2	352.1	325.0	294.9	264.6	235.2	202.6	168.0	127.9	75.1
-10°	416.1	373.9	346.4	319.4	290.1	260.5	231.6	199.6	165.6	127.8	75.7
-12.5°	404.9	366.6	339.7	313.1	284.9	256.3	227.6	196.2	163.2	126.6	75.9
-15°	391.6	358.2	332.2	306.2	279.0	251.4	223.2	192.1	160.2	123.7	75.5
-17.5°	376.7	348.8	323.8	298.7	272.7	245.8	218.2	187.3	156.9	119.6	75.8
-20°	367.3	340.1	314.6	290.7	265.8	239.5	212.8	181.9	153.3	115.3	76.5



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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°	357.9	331.7	306.6	282.3	258.4	232.6	207.0	175.8	149.3	110.9	76.9
-25°	347.6	322.4	298.1	274.3	250.1	225.4	200.1	169.1	145.1	106.6	77.0
-27.5°	336.4	312.0	288.6	265.7	241.7	217.9	192.0	163.7	140.0	102.5	76.8
-30°	324.2	301.0	278.4	256.2	232.7	210.2	183.3	158.2	133.9	100.5	76.3
-32.5°	311.5	289.0	267.6	245.8	223.5	201.7	174.3	152.5	128.5	99.5	76.3
-35°	298.5	276.8	256.0	234.9	213.8	191.5	166.3	146.8	123.9	98.2	76.2
-37.5°	284.8	264.3	243.7	223.6	203.5	181.4	159.2	140.5	120.0	96.6	75.6
-40°	270.6	251.0	231.4	211.9	192.7	171.4	151.3	134.0	117.4	94.6	74.7
-42.5°	255.6	237.1	218.3	199.6	182.0	161.8	142.7	127.1	112.2	92.9	73.3
-45°	240.1	222.4	204.4	188.1	171.3	151.3	134.8	120.0	106.2	90.8	71.3
-47.5°	223.7	206.5	190.9	176.2	158.5	140.5	126.6	113.1	100.0	88.2	68.4
-50°	205.9	191.2	177.8	162.2	144.9	131.3	118.3	105.9	94.2	83.1	65.1
-52.5°	188.7	176.9	162.8	147.1	133.5	121.8	110.0	98.5	88.4	77.1	61.2
-55°	171.9	160.6	146.5	133.5	122.1	112.1	101.5	91.8	82.3	70.6	57.1
-57.5°	153.1	142.8	131.1	120.1	110.7	102.0	93.6	85.1	75.2	64.0	54.1
-60°	134.0	125.2	115.6	107.3	99.4	92.3	86.1	77.7	67.7	57.5	50.0
-62.5°	115.2	107.9	101.6	94.6	88.1	82.8	78.2	69.2	60.0	51.7	45.3
-65°	97.3	92.3	87.5	81.6	76.7	72.9	68.5	60.7	52.4	45.6	40.2
-67.5°	79.7	76.0	72.1	68.0	65.9	63.0	58.8	51.4	44.5	39.1	34.5
-70°	61.9	59.2	58.6	58.1	56.4	53.2	47.9	41.6	36.4	33.0	28.9
-72.5°	47.4	48.3	49.3	49.1	46.2	42.2	36.9	32.1	29.9	26.9	23.2
-75°	36.5	38.4	39.5	38.8	35.6	31.5	28.2	25.5	23.5	20.9	18.4
-77.5°	27.9	29.1	29.7	29.0	26.4	23.8	21.3	18.9	17.5	16.0	13.9
-80°	19.6	20.2	20.4	19.9	18.0	16.1	14.9	13.6	12.6	11.2	9.4
-82.5°	11.3	11.8	12.0	12.0	11.3	10.5	9.6	8.8	7.8	6.5	5.7
-85°	5.4	5.6	5.6	5.5	5.1	4.8	4.8	4.8	4.5	4.2	3.8
-87.5°	1.6	1.8	2.0	2.2	2.3	2.4	2.4	2.4	2.3	2.1	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



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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°	1.7	1.3	1.0	0.7	0.4	0.2	0.0
85°	3.4	2.6	2.0	1.3	0.8	0.4	0.0
82.5°	5.1	4.0	2.9	2.0	1.2	0.6	0.0
80°	7.0	5.2	3.9	2.7	1.6	0.8	0.0
77.5°	11.1	7.2	4.8	3.3	2.0	1.0	0.0
75°	15.1	10.3	6.0	4.0	2.4	1.2	0.0
72.5°	18.9	13.3	8.2	4.6	2.8	1.4	0.0
70°	22.8	16.2	10.4	5.4	3.2	1.6	0.0
67.5°	27.3	19.1	12.6	6.9	3.6	1.8	0.0
65°	31.6	22.1	14.6	8.3	4.0	2.0	0.0
62.5°	35.7	25.3	16.6	9.7	4.3	2.2	0.0
60°	39.6	28.4	18.5	11.0	4.7	2.3	0.0
57.5°	42.3	31.3	20.6	12.3	5.5	2.5	0.0
55°	44.6	34.0	22.7	13.5	6.3	2.7	0.0
52.5°	46.5	36.3	24.6	14.6	7.1	2.9	0.0
50°	48.1	37.5	26.4	15.7	7.9	3.0	0.0
47.5°	49.6	38.4	28.1	16.8	8.6	3.2	0.0
45°	52.0	39.1	29.6	17.9	9.3	3.3	0.0
42.5°	54.0	39.6	30.9	18.9	10.0	3.5	0.0
40°	55.7	39.8	31.7	20.0	10.6	3.6	0.0
37.5°	57.0	39.8	31.8	21.2	11.2	3.7	0.0
35°	57.9	40.3	31.7	22.3	11.7	3.8	0.0
32.5°	58.4	40.9	31.5	23.3	12.2	4.0	0.0
30°	58.3	41.3	31.2	24.4	12.7	4.1	0.0
27.5°	58.0	41.4	31.6	25.4	13.1	4.2	0.0
25°	57.3	41.3	31.9	26.3	13.5	4.3	0.0
22.5°	56.4	41.4	32.2	27.2	13.9	4.3	0.0
20°	55.2	42.4	32.5	28.1	14.2	4.4	0.0
17.5°	55.3	43.4	32.7	28.8	14.5	4.5	0.0
15°	56.1	44.2	32.9	29.6	14.7	4.5	0.0
12.5°	56.8	44.9	33.0	30.2	14.9	4.6	0.0
10°	57.3	45.5	33.1	30.8	15.0	4.6	0.0
7.5°	57.7	45.9	33.1	31.3	15.1	4.7	0.0
5°	57.9	46.2	33.2	31.7	15.2	4.7	0.0
2.5°	58.0	46.4	33.2	32.1	15.2	4.7	0.0
0°	57.9	46.5	33.2	32.3	15.2	4.7	0.0
-2.5°	58.0	46.4	33.2	32.1	15.2	4.7	0.0
-5°	57.9	46.2	33.2	31.7	15.2	4.7	0.0
-7.5°	57.7	45.9	33.1	31.3	15.1	4.7	0.0
-10°	57.3	45.5	33.1	30.8	15.0	4.6	0.0
-12.5°	56.8	44.9	33.0	30.2	14.9	4.6	0.0
-15°	56.1	44.2	32.9	29.6	14.7	4.5	0.0
-17.5°	55.3	43.4	32.7	28.8	14.5	4.5	0.0
-20°	55.2	42.4	32.5	28.1	14.2	4.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	56.4	41.4	32.2	27.2	13.9	4.3	0.0
-25°	57.3	41.3	31.9	26.3	13.5	4.3	0.0
-27.5°	58.0	41.4	31.6	25.4	13.1	4.2	0.0
-30°	58.3	41.3	31.2	24.4	12.7	4.1	0.0
-32.5°	58.4	40.9	31.5	23.3	12.2	4.0	0.0
-35°	57.9	40.3	31.7	22.3	11.7	3.8	0.0
-37.5°	57.0	39.8	31.8	21.2	11.2	3.7	0.0
-40°	55.7	39.8	31.7	20.0	10.6	3.6	0.0
-42.5°	54.0	39.6	30.9	18.9	10.0	3.5	0.0
-45°	52.0	39.1	29.6	17.9	9.3	3.3	0.0
-47.5°	49.6	38.4	28.1	16.8	8.6	3.2	0.0
-50°	48.1	37.5	26.4	15.7	7.9	3.0	0.0
-52.5°	46.5	36.3	24.6	14.6	7.1	2.9	0.0
-55°	44.6	34.0	22.7	13.5	6.3	2.7	0.0
-57.5°	42.3	31.3	20.6	12.3	5.5	2.5	0.0
-60°	39.6	28.4	18.5	11.0	4.7	2.3	0.0
-62.5°	35.7	25.3	16.6	9.7	4.3	2.2	0.0
-65°	31.6	22.1	14.6	8.3	4.0	2.0	0.0
-67.5°	27.3	19.1	12.6	6.9	3.6	1.8	0.0
-70°	22.8	16.2	10.4	5.4	3.2	1.6	0.0
-72.5°	18.9	13.3	8.2	4.6	2.8	1.4	0.0
-75°	15.1	10.3	6.0	4.0	2.4	1.2	0.0
-77.5°	11.1	7.2	4.8	3.3	2.0	1.0	0.0
-80°	7.0	5.2	3.9	2.7	1.6	0.8	0.0
-82.5°	5.1	4.0	2.9	2.0	1.2	0.6	0.0
-85°	3.4	2.6	2.0	1.3	0.8	0.4	0.0
-87.5°	1.7	1.3	1.0	0.7	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)