

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: P558885 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-930-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558885 (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-SA4B-930-U-MWR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (64) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

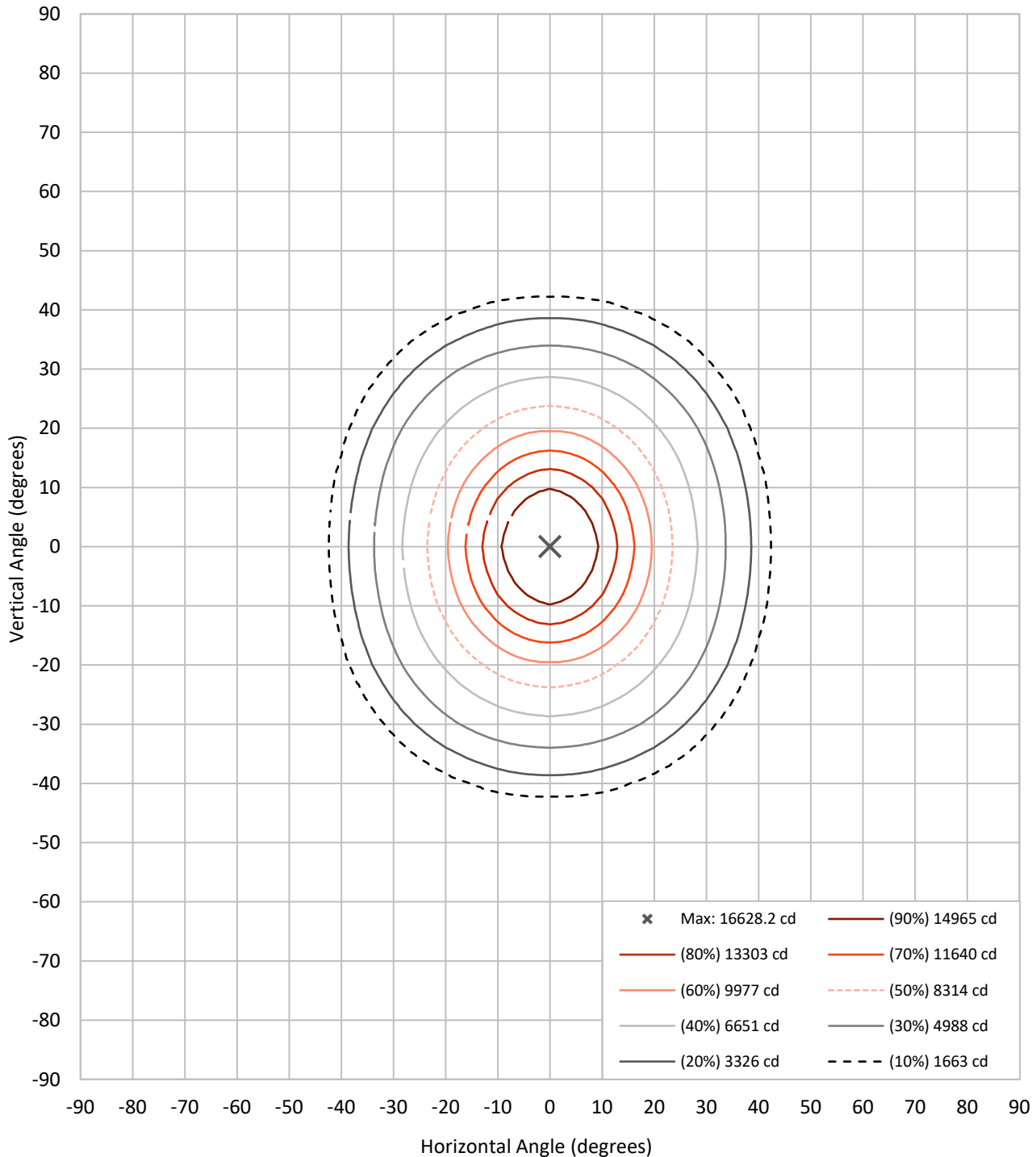
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	12944.2 lumens	Max Intensity:	16628.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	102.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	6107.9 lumens	Field Lumens:	11753.3 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

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





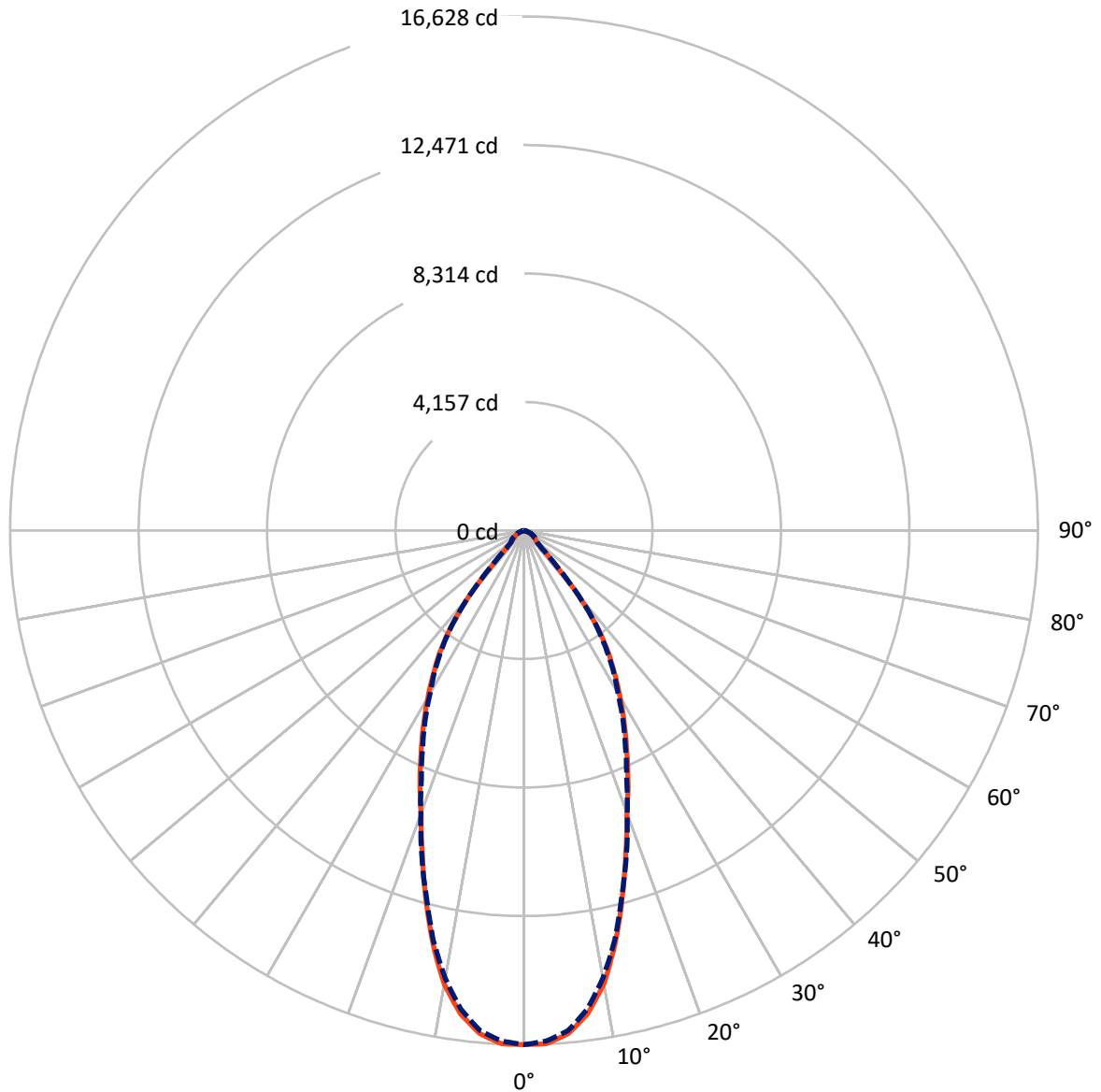
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Lumen Table

90	0.2	1.6	3.6	5.8	4.5	5.8	3.6	1.6	0.2							
80	0.2	1.6	3.6	5.8	4.5	5.8	3.6	1.6	0.2							
70	0.9	1.0	1.9	2.9	4.1	5.2	5.9	6.4	6.4	5.9	5.2	4.1	2.9	1.9	1.0	0.9
60		1.6	3.1	5.2	7.4	9.3	10.6	11.7	11.7	10.6	9.3	7.4	5.2	3.1	1.6	
50	1.4	2.1	4.3	7.3	10.6	14.5	23.0	32.2	32.2	23.0	14.5	10.6	7.3	4.3	2.1	1.4
40		2.5	5.4	9.1	17.1	54.6	106.2	135.3	135.3	106.2	54.6	17.1	9.1	5.4	2.5	
30	1.5	2.9	6.3	11.4	49.9	130.3	192.3	232.9	232.9	192.3	130.3	49.9	11.4	6.3	2.9	1.5
20		3.3	7.0	17.4	90.7	179.9	273.3	355.7	355.7	273.3	179.9	90.7	17.4	7.0	3.3	
10	1.6	3.5	7.6	24.0	110.5	209.9	343.7	464.9	464.9	343.7	209.9	110.5	24.0	7.6	3.5	1.6
0		3.5	7.6	24.0	110.5	209.9	343.7	464.9	464.9	343.7	209.9	110.5	24.0	7.6	3.5	
-10	1.5	3.3	7.0	17.4	90.7	179.9	273.3	355.7	355.7	273.3	179.9	90.7	17.4	7.0	3.3	1.5
-20		2.9	6.3	11.4	49.9	130.3	192.3	232.9	232.9	192.3	130.3	49.9	11.4	6.3	2.9	
-30	1.4	2.5	5.4	9.1	17.1	54.6	106.2	135.3	135.3	106.2	54.6	17.1	9.1	5.4	2.5	1.4
-40		2.1	4.3	7.3	10.6	14.5	23.0	32.2	32.2	23.0	14.5	10.6	7.3	4.3	2.1	
-50	0.9	1.6	3.1	5.2	7.4	9.3	10.6	11.7	11.7	10.6	9.3	7.4	5.2	3.1	1.6	0.9
-60		1.0	1.9	2.9	4.1	5.2	5.9	6.4	6.4	5.9	5.2	4.1	2.9	1.9	1.0	
-70	0.2	1.6	3.6	5.8	4.5	5.8	3.6	1.6	0.2							
-80		0.2	1.6	3.6	5.8	4.5	5.8	3.6	1.6	0.2						
-90	0.2	1.6	3.6	5.8	4.5	5.8	3.6	1.6	0.2							

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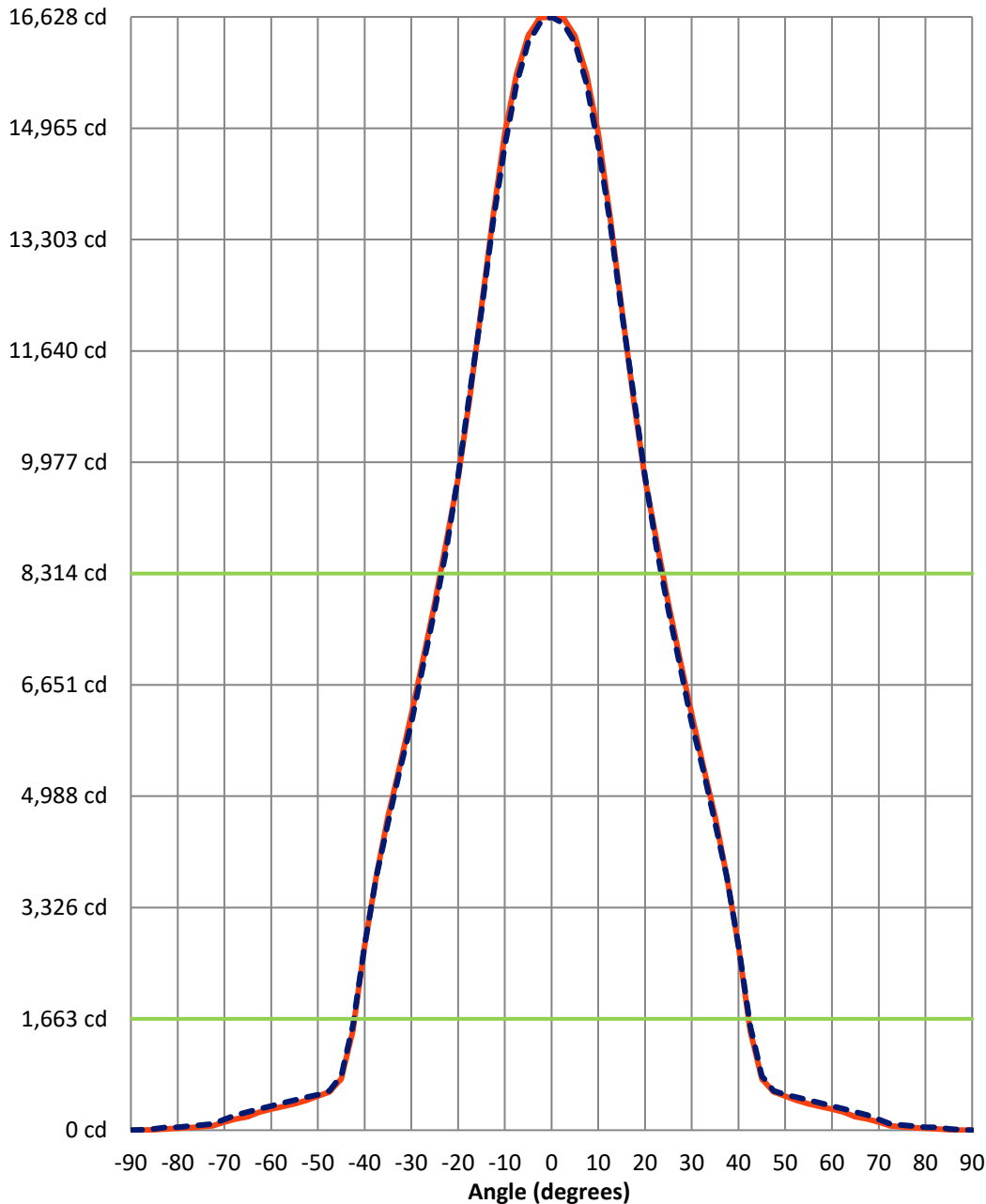
Luminous Intensity Polar Plot



— 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: 6107.9
Efficiency: 47.2%

Field:
H Angle: 84.6°
V Angle: 84.3°
Lumens: 11753.3
Efficiency: 90.8%

Spill:
Lumens: 1190.9
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	0.3	0.5	0.9	1.3	1.7	2.3	2.5	2.8	3.0	3.2
85°	0.0	0.5	1.1	1.8	2.6	3.5	4.5	5.1	5.5	6.0	6.3
82.5°	0.0	0.8	1.6	2.7	3.9	5.2	6.7	7.6	8.5	10.2	11.5
80°	0.0	1.1	2.2	3.5	5.1	6.9	9.3	12.4	14.8	16.6	17.9
77.5°	0.0	1.3	2.7	4.4	6.4	9.4	14.6	18.3	21.0	23.1	24.9
75°	0.0	1.6	3.2	5.2	7.9	13.5	19.8	24.2	27.5	30.9	33.5
72.5°	0.0	1.9	3.7	6.1	10.9	17.5	24.9	30.6	35.4	39.3	42.2
70°	0.0	2.1	4.2	7.1	13.7	21.3	30.0	38.0	43.4	47.8	54.7
67.5°	0.0	2.4	4.7	9.0	16.5	25.1	35.9	45.4	51.5	58.6	67.6
65°	0.0	2.6	5.2	10.9	19.2	29.1	41.6	52.9	59.9	68.9	79.8
62.5°	0.0	2.9	5.7	12.7	21.8	33.3	47.0	59.6	68.0	78.9	91.1
60°	0.0	3.1	6.2	14.5	24.3	37.3	52.2	65.7	75.6	89.0	102.2
57.5°	0.0	3.3	7.3	16.2	27.1	41.1	55.7	71.1	84.2	98.9	111.8
55°	0.0	3.6	8.4	17.8	29.8	44.7	58.6	75.1	92.9	108.2	120.7
52.5°	0.0	3.8	9.4	19.3	32.4	47.8	61.2	80.5	101.4	116.1	129.4
50°	0.0	4.0	10.4	20.7	34.7	49.3	63.3	85.5	109.2	123.9	139.1
47.5°	0.0	4.2	11.3	22.1	36.9	50.5	65.2	90.0	116.0	131.4	148.6
45°	0.0	4.4	12.3	23.6	38.9	51.5	68.4	93.8	119.4	139.6	157.7
42.5°	0.0	4.6	13.1	24.9	40.7	52.1	71.1	96.4	122.0	147.4	167.0
40°	0.0	4.7	13.9	26.4	41.7	52.3	73.3	98.2	124.4	154.3	176.1
37.5°	0.0	4.9	14.7	27.9	41.8	52.3	75.0	99.4	126.9	157.7	184.7
35°	0.0	5.1	15.4	29.3	41.8	53.0	76.2	100.1	129.1	162.8	193.0
32.5°	0.0	5.2	16.1	30.7	41.5	53.8	76.8	100.2	130.8	168.9	200.5
30°	0.0	5.4	16.7	32.1	41.1	54.3	76.7	100.2	132.1	176.1	207.9
27.5°	0.0	5.5	17.3	33.4	41.5	54.5	76.2	100.9	134.7	184.1	215.2
25°	0.0	5.6	17.8	34.6	42.0	54.3	75.4	101.2	140.1	190.8	222.4
22.5°	0.0	5.7	18.3	35.8	42.4	54.4	74.2	101.1	145.8	196.3	231.1
20°	0.0	5.8	18.7	36.9	42.8	55.8	72.6	100.5	151.5	201.5	239.1
17.5°	0.0	5.9	19.0	37.9	43.0	57.1	72.7	99.6	157.2	206.3	246.2
15°	0.0	6.0	19.3	38.9	43.3	58.2	73.8	99.3	162.7	210.6	252.4
12.5°	0.0	6.1	19.6	39.7	43.4	59.1	74.7	99.7	166.4	214.5	257.8
10°	0.0	6.1	19.8	40.5	43.5	59.8	75.4	99.5	167.9	217.7	262.3
7.5°	0.0	6.1	19.9	41.1	43.6	60.4	75.9	98.7	168.1	220.9	266.2
5°	0.0	6.2	20.0	41.7	43.7	60.9	76.2	97.4	166.9	223.7	269.1
2.5°	0.0	6.2	20.0	42.1	43.7	61.1	76.3	95.6	164.5	225.9	271.1
0°	0.0	6.2	20.0	42.4	43.7	61.2	76.2	93.6	161.0	227.2	272.1
-2.5°	0.0	6.2	20.0	42.1	43.7	61.1	76.3	95.6	164.5	225.9	271.1
-5°	0.0	6.2	20.0	41.7	43.7	60.9	76.2	97.4	166.9	223.7	269.1
-7.5°	0.0	6.1	19.9	41.1	43.6	60.4	75.9	98.7	168.1	220.9	266.2
-10°	0.0	6.1	19.8	40.5	43.5	59.8	75.4	99.5	167.9	217.7	262.3
-12.5°	0.0	6.1	19.6	39.7	43.4	59.1	74.7	99.7	166.4	214.5	257.8
-15°	0.0	6.0	19.3	38.9	43.3	58.2	73.8	99.3	162.7	210.6	252.4
-17.5°	0.0	5.9	19.0	37.9	43.0	57.1	72.7	99.6	157.2	206.3	246.2
-20°	0.0	5.8	18.7	36.9	42.8	55.8	72.6	100.5	151.5	201.5	239.1



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.7	18.3	35.8	42.4	54.4	74.2	101.1	145.8	196.3	231.1
-25°	0.0	5.6	17.8	34.6	42.0	54.3	75.4	101.2	140.1	190.8	222.4
-27.5°	0.0	5.5	17.3	33.4	41.5	54.5	76.2	100.9	134.7	184.1	215.2
-30°	0.0	5.4	16.7	32.1	41.1	54.3	76.7	100.2	132.1	176.1	207.9
-32.5°	0.0	5.2	16.1	30.7	41.5	53.8	76.8	100.2	130.8	168.9	200.5
-35°	0.0	5.1	15.4	29.3	41.8	53.0	76.2	100.1	129.1	162.8	193.0
-37.5°	0.0	4.9	14.7	27.9	41.8	52.3	75.0	99.4	126.9	157.7	184.7
-40°	0.0	4.7	13.9	26.4	41.7	52.3	73.3	98.2	124.4	154.3	176.1
-42.5°	0.0	4.6	13.1	24.9	40.7	52.1	71.1	96.4	122.0	147.4	167.0
-45°	0.0	4.4	12.3	23.6	38.9	51.5	68.4	93.8	119.4	139.6	157.7
-47.5°	0.0	4.2	11.3	22.1	36.9	50.5	65.2	90.0	116.0	131.4	148.6
-50°	0.0	4.0	10.4	20.7	34.7	49.3	63.3	85.5	109.2	123.9	139.1
-52.5°	0.0	3.8	9.4	19.3	32.4	47.8	61.2	80.5	101.4	116.1	129.4
-55°	0.0	3.6	8.4	17.8	29.8	44.7	58.6	75.1	92.9	108.2	120.7
-57.5°	0.0	3.3	7.3	16.2	27.1	41.1	55.7	71.1	84.2	98.9	111.8
-60°	0.0	3.1	6.2	14.5	24.3	37.3	52.2	65.7	75.6	89.0	102.2
-62.5°	0.0	2.9	5.7	12.7	21.8	33.3	47.0	59.6	68.0	78.9	91.1
-65°	0.0	2.6	5.2	10.9	19.2	29.1	41.6	52.9	59.9	68.9	79.8
-67.5°	0.0	2.4	4.7	9.0	16.5	25.1	35.9	45.4	51.5	58.6	67.6
-70°	0.0	2.1	4.2	7.1	13.7	21.3	30.0	38.0	43.4	47.8	54.7
-72.5°	0.0	1.9	3.7	6.1	10.9	17.5	24.9	30.6	35.4	39.3	42.2
-75°	0.0	1.6	3.2	5.2	7.9	13.5	19.8	24.2	27.5	30.9	33.5
-77.5°	0.0	1.3	2.7	4.4	6.4	9.4	14.6	18.3	21.0	23.1	24.9
-80°	0.0	1.1	2.2	3.5	5.1	6.9	9.3	12.4	14.8	16.6	17.9
-82.5°	0.0	0.8	1.6	2.7	3.9	5.2	6.7	7.6	8.5	10.2	11.5
-85°	0.0	0.5	1.1	1.8	2.6	3.5	4.5	5.1	5.5	6.0	6.3
-87.5°	0.0	0.3	0.5	0.9	1.3	1.7	2.3	2.5	2.8	3.0	3.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.2	3.1	3.0	2.9	2.7	2.4	2.1	1.8	1.8	1.9	2.0
85°	6.4	6.3	6.8	7.2	7.4	7.3	7.1	6.7	7.7	8.8	10.0
82.5°	12.7	13.8	14.8	15.8	15.8	15.5	14.9	14.3	16.5	19.2	22.1
80°	19.6	21.2	23.7	26.2	26.8	26.6	25.8	24.3	27.4	31.8	36.8
77.5°	27.9	31.3	34.7	38.2	39.0	38.3	36.7	34.1	38.0	45.2	53.1
75°	37.1	41.4	46.8	51.1	52.0	50.5	48.0	45.8	50.4	59.3	67.9
72.5°	48.4	55.5	60.8	64.6	64.9	63.5	62.3	61.1	66.3	76.9	85.7
70°	63.0	70.0	74.2	76.5	77.0	77.8	81.4	84.7	89.9	98.9	106.1
67.5°	77.3	82.9	86.7	89.4	94.8	99.8	104.7	109.8	115.6	123.2	128.7
65°	90.1	95.9	100.8	107.3	115.1	121.3	127.8	134.9	142.9	150.1	155.4
62.5°	102.8	108.9	115.9	124.4	133.5	141.8	151.4	161.3	170.8	179.0	187.9
60°	113.2	121.4	130.7	141.0	151.9	164.6	176.2	187.5	198.0	208.2	220.8
57.5°	123.0	134.2	145.5	157.9	172.3	187.7	201.2	213.7	226.8	241.6	254.0
55°	133.4	147.4	160.5	175.4	192.5	211.1	226.0	240.0	256.2	274.0	287.8
52.5°	144.6	160.0	175.5	193.4	214.0	232.4	248.0	265.6	285.2	304.4	320.5
50°	155.5	172.6	190.4	213.2	233.7	251.2	270.5	291.8	312.2	332.0	351.0
47.5°	166.4	184.7	208.4	231.7	250.9	271.4	294.0	315.8	337.3	357.9	377.8
45°	177.2	198.8	225.2	247.2	268.6	292.2	315.5	338.4	361.0	383.0	404.7
42.5°	187.5	212.7	239.2	262.3	286.9	311.6	336.0	360.1	384.0	407.6	430.7
40°	198.8	225.4	253.2	278.5	304.1	329.9	355.5	381.0	406.2	431.2	455.7
37.5°	209.3	238.5	267.5	293.9	320.3	347.3	374.2	401.2	427.8	453.7	481.7
35°	218.6	251.7	281.0	308.7	336.4	363.8	392.2	420.6	448.6	476.8	512.5
32.5°	229.1	265.1	293.8	323.0	351.6	379.8	409.4	439.5	469.3	502.2	553.5
30°	240.9	276.2	305.9	336.7	365.9	395.6	426.2	457.6	488.8	540.1	658.5
27.5°	252.4	286.5	317.7	349.1	379.3	410.1	442.1	474.6	518.3	597.0	789.2
25°	263.0	296.3	328.8	360.6	391.7	423.6	456.8	490.5	549.8	708.9	1133.4
22.5°	272.0	305.8	339.5	371.1	403.0	436.0	470.4	515.2	606.8	821.8	1516.4
20°	279.6	314.8	349.3	382.1	413.5	446.9	482.7	538.7	693.3	1144.2	1975.3
17.5°	286.7	323.1	358.4	392.6	425.6	458.3	495.1	559.0	771.2	1424.4	2436.8
15°	293.3	330.4	366.7	402.4	436.6	470.7	514.6	616.6	928.8	1702.5	2847.8
12.5°	299.1	336.9	374.4	411.5	446.4	481.7	532.1	673.8	1121.8	2028.8	3128.3
10°	304.3	342.4	381.2	419.8	455.2	491.4	546.9	720.8	1280.5	2297.1	3353.8
7.5°	309.1	347.7	387.6	427.2	462.7	499.7	559.0	757.5	1403.1	2499.3	3533.7
5°	313.1	353.0	395.1	435.2	472.1	508.8	569.4	783.8	1489.3	2635.4	3664.7
2.5°	316.2	357.4	401.6	442.3	482.6	519.7	581.2	803.4	1544.8	2722.2	3748.5
0°	318.3	360.8	407.0	448.2	491.9	529.3	590.5	812.7	1565.4	2753.9	3780.0
-2.5°	316.2	357.4	401.6	442.3	482.6	519.7	581.2	803.4	1544.8	2722.2	3748.5
-5°	313.1	353.0	395.1	435.2	472.1	508.8	569.4	783.8	1489.3	2635.4	3664.7
-7.5°	309.1	347.7	387.6	427.2	462.7	499.7	559.0	757.5	1403.1	2499.3	3533.7
-10°	304.3	342.4	381.2	419.8	455.2	491.4	546.9	720.8	1280.5	2297.1	3353.8
-12.5°	299.1	336.9	374.4	411.5	446.4	481.7	532.1	673.8	1121.8	2028.8	3128.3
-15°	293.3	330.4	366.7	402.4	436.6	470.7	514.6	616.6	928.8	1702.5	2847.8
-17.5°	286.7	323.1	358.4	392.6	425.6	458.3	495.1	559.0	771.2	1424.4	2436.8
-20°	279.6	314.8	349.3	382.1	413.5	446.9	482.7	538.7	693.3	1144.2	1975.3



REPORT NUMBER: P558885 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	272.0	305.8	339.5	371.1	403.0	436.0	470.4	515.2	606.8	821.8	1516.4
-25°	263.0	296.3	328.8	360.6	391.7	423.6	456.8	490.5	549.8	708.9	1133.4
-27.5°	252.4	286.5	317.7	349.1	379.3	410.1	442.1	474.6	518.3	597.0	789.2
-30°	240.9	276.2	305.9	336.7	365.9	395.6	426.2	457.6	488.8	540.1	658.5
-32.5°	229.1	265.1	293.8	323.0	351.6	379.8	409.4	439.5	469.3	502.2	553.5
-35°	218.6	251.7	281.0	308.7	336.4	363.8	392.2	420.6	448.6	476.8	512.5
-37.5°	209.3	238.5	267.5	293.9	320.3	347.3	374.2	401.2	427.8	453.7	481.7
-40°	198.8	225.4	253.2	278.5	304.1	329.9	355.5	381.0	406.2	431.2	455.7
-42.5°	187.5	212.7	239.2	262.3	286.9	311.6	336.0	360.1	384.0	407.6	430.7
-45°	177.2	198.8	225.2	247.2	268.6	292.2	315.5	338.4	361.0	383.0	404.7
-47.5°	166.4	184.7	208.4	231.7	250.9	271.4	294.0	315.8	337.3	357.9	377.8
-50°	155.5	172.6	190.4	213.2	233.7	251.2	270.5	291.8	312.2	332.0	351.0
-52.5°	144.6	160.0	175.5	193.4	214.0	232.4	248.0	265.6	285.2	304.4	320.5
-55°	133.4	147.4	160.5	175.4	192.5	211.1	226.0	240.0	256.2	274.0	287.8
-57.5°	123.0	134.2	145.5	157.9	172.3	187.7	201.2	213.7	226.8	241.6	254.0
-60°	113.2	121.4	130.7	141.0	151.9	164.6	176.2	187.5	198.0	208.2	220.8
-62.5°	102.8	108.9	115.9	124.4	133.5	141.8	151.4	161.3	170.8	179.0	187.9
-65°	90.1	95.9	100.8	107.3	115.1	121.3	127.8	134.9	142.9	150.1	155.4
-67.5°	77.3	82.9	86.7	89.4	94.8	99.8	104.7	109.8	115.6	123.2	128.7
-70°	63.0	70.0	74.2	76.5	77.0	77.8	81.4	84.7	89.9	98.9	106.1
-72.5°	48.4	55.5	60.8	64.6	64.9	63.5	62.3	61.1	66.3	76.9	85.7
-75°	37.1	41.4	46.8	51.1	52.0	50.5	48.0	45.8	50.4	59.3	67.9
-77.5°	27.9	31.3	34.7	38.2	39.0	38.3	36.7	34.1	38.0	45.2	53.1
-80°	19.6	21.2	23.7	26.2	26.8	26.6	25.8	24.3	27.4	31.8	36.8
-82.5°	12.7	13.8	14.8	15.8	15.8	15.5	14.9	14.3	16.5	19.2	22.1
-85°	6.4	6.3	6.8	7.2	7.4	7.3	7.1	6.7	7.7	8.8	10.0
-87.5°	3.2	3.1	3.0	2.9	2.7	2.4	2.1	1.8	1.8	1.9	2.0
-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: P558885 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	2.0	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.1	1.8
85°	11.2	10.9	10.3	9.5	8.6	9.1	9.6	10.1	10.6	9.9	9.1
82.5°	25.2	25.5	25.5	25.4	25.3	26.4	27.5	28.4	29.1	26.9	24.3
80°	42.4	44.5	45.6	46.7	47.6	47.7	47.0	45.9	44.3	40.6	36.4
77.5°	61.3	64.5	66.1	67.7	69.3	69.9	70.3	70.7	71.2	64.6	56.2
75°	76.1	80.8	83.5	86.1	88.4	89.8	90.5	91.0	91.2	83.3	73.0
72.5°	92.8	97.4	100.7	103.9	106.8	108.7	109.8	110.7	111.2	104.3	94.5
70°	111.2	114.9	118.8	122.7	126.3	128.8	130.4	131.7	132.7	132.0	131.5
67.5°	133.0	136.2	141.0	144.7	148.5	151.2	154.0	156.2	157.9	159.7	161.8
65°	160.3	168.0	175.0	178.6	179.1	183.0	189.3	193.4	195.4	197.1	199.1
62.5°	198.3	207.7	212.7	218.7	226.4	233.5	236.3	240.0	244.4	249.7	255.8
60°	230.9	238.7	246.7	254.9	262.0	267.9	274.4	280.7	286.6	291.9	297.1
57.5°	264.2	272.7	280.8	290.5	297.3	301.2	307.5	315.2	321.1	325.7	332.7
55°	298.8	309.7	320.8	329.5	335.9	340.1	344.8	352.2	356.6	358.3	366.3
52.5°	333.5	346.4	360.1	370.3	377.1	383.4	389.2	395.7	400.1	402.2	410.1
50°	365.7	381.1	396.3	409.6	418.6	429.1	440.9	446.8	450.5	454.7	463.5
47.5°	396.3	413.5	429.8	444.8	457.9	469.6	479.7	489.6	504.0	515.5	526.9
45°	425.7	444.1	461.7	478.6	493.0	516.1	538.0	556.6	606.4	648.3	680.2
42.5°	453.4	475.6	495.4	523.6	554.2	607.3	689.3	765.2	912.2	1101.4	1259.4
40°	482.2	511.0	546.6	601.4	705.1	811.6	1130.2	1414.1	1693.3	2010.8	2283.0
37.5°	515.9	559.3	663.6	787.4	1119.8	1487.4	1938.9	2382.1	2768.0	3098.2	3373.9
35°	560.6	694.6	889.6	1340.6	1831.6	2434.3	2954.7	3371.5	3752.7	4058.7	4289.0
32.5°	692.1	937.4	1452.3	2072.7	2748.0	3330.3	3837.2	4236.3	4584.1	4858.3	5071.7
30°	884.7	1448.5	2147.8	2890.8	3563.5	4119.5	4587.8	4968.2	5278.6	5557.6	5791.9
27.5°	1342.3	2067.9	2889.8	3647.6	4259.5	4780.0	5200.1	5576.9	5919.2	6213.0	6490.0
25°	1843.2	2741.3	3570.4	4260.1	4831.1	5319.4	5762.5	6174.7	6557.8	6901.7	7223.9
22.5°	2444.6	3340.3	4132.7	4771.0	5324.3	5826.0	6296.6	6755.4	7201.4	7621.0	8010.7
20°	2989.1	3868.3	4559.1	5196.7	5771.6	6294.3	6813.0	7347.6	7862.3	8367.8	8837.1
17.5°	3413.5	4231.3	4924.9	5571.1	6156.3	6748.3	7341.9	7956.0	8576.8	9163.8	9725.3
15°	3767.8	4534.2	5237.1	5883.2	6526.6	7179.8	7843.0	8566.4	9304.9	10007.4	10723.1
12.5°	4018.9	4786.9	5499.5	6147.8	6869.2	7578.3	8350.2	9174.7	10027.6	10845.9	11725.0
10°	4220.9	4988.5	5695.1	6394.2	7157.6	7943.9	8809.7	9717.7	10735.5	11704.5	12651.6
7.5°	4394.2	5156.7	5852.3	6595.1	7397.6	8261.8	9203.4	10230.0	11331.4	12409.8	13537.1
5°	4521.0	5271.4	5974.5	6759.8	7582.1	8494.0	9507.1	10604.1	11785.3	12966.8	14081.7
2.5°	4588.0	5336.7	6050.4	6862.0	7690.3	8634.7	9689.8	10852.6	12100.3	13389.4	14488.7
0°	4586.5	5364.2	6079.5	6930.9	7769.8	8677.4	9768.5	11011.8	12229.0	13568.5	14697.0
-2.5°	4588.0	5336.7	6050.4	6862.0	7690.3	8634.7	9689.8	10852.6	12100.3	13389.4	14488.7
-5°	4521.0	5271.4	5974.5	6759.8	7582.1	8494.0	9507.1	10604.1	11785.3	12966.8	14081.7
-7.5°	4394.2	5156.7	5852.3	6595.1	7397.6	8261.8	9203.4	10230.0	11331.4	12409.8	13537.1
-10°	4220.9	4988.5	5695.1	6394.2	7157.6	7943.9	8809.7	9717.7	10735.5	11704.5	12651.6
-12.5°	4018.9	4786.9	5499.5	6147.8	6869.2	7578.3	8350.2	9174.7	10027.6	10845.9	11725.0
-15°	3767.8	4534.2	5237.1	5883.2	6526.6	7179.8	7843.0	8566.4	9304.9	10007.4	10723.1
-17.5°	3413.5	4231.3	4924.9	5571.1	6156.3	6748.3	7341.9	7956.0	8576.8	9163.8	9725.3
-20°	2989.1	3868.3	4559.1	5196.7	5771.6	6294.3	6813.0	7347.6	7862.3	8367.8	8837.1



REPORT NUMBER: P558885 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	2444.6	3340.3	4132.7	4771.0	5324.3	5826.0	6296.6	6755.4	7201.4	7621.0	8010.7
-25°	1843.2	2741.3	3570.4	4260.1	4831.1	5319.4	5762.5	6174.7	6557.8	6901.7	7223.9
-27.5°	1342.3	2067.9	2889.8	3647.6	4259.5	4780.0	5200.1	5576.9	5919.2	6213.0	6490.0
-30°	884.7	1448.5	2147.8	2890.8	3563.5	4119.5	4587.8	4968.2	5278.6	5557.6	5791.9
-32.5°	692.1	937.4	1452.3	2072.7	2748.0	3330.3	3837.2	4236.3	4584.1	4858.3	5071.7
-35°	560.6	694.6	889.6	1340.6	1831.6	2434.3	2954.7	3371.5	3752.7	4058.7	4289.0
-37.5°	515.9	559.3	663.6	787.4	1119.8	1487.4	1938.9	2382.1	2768.0	3098.2	3373.9
-40°	482.2	511.0	546.6	601.4	705.1	811.6	1130.2	1414.1	1693.3	2010.8	2283.0
-42.5°	453.4	475.6	495.4	523.6	554.2	607.3	689.3	765.2	912.2	1101.4	1259.4
-45°	425.7	444.1	461.7	478.6	493.0	516.1	538.0	556.6	606.4	648.3	680.2
-47.5°	396.3	413.5	429.8	444.8	457.9	469.6	479.7	489.6	504.0	515.5	526.9
-50°	365.7	381.1	396.3	409.6	418.6	429.1	440.9	446.8	450.5	454.7	463.5
-52.5°	333.5	346.4	360.1	370.3	377.1	383.4	389.2	395.7	400.1	402.2	410.1
-55°	298.8	309.7	320.8	329.5	335.9	340.1	344.8	352.2	356.6	358.3	366.3
-57.5°	264.2	272.7	280.8	290.5	297.3	301.2	307.5	315.2	321.1	325.7	332.7
-60°	230.9	238.7	246.7	254.9	262.0	267.9	274.4	280.7	286.6	291.9	297.1
-62.5°	198.3	207.7	212.7	218.7	226.4	233.5	236.3	240.0	244.4	249.7	255.8
-65°	160.3	168.0	175.0	178.6	179.1	183.0	189.3	193.4	195.4	197.1	199.1
-67.5°	133.0	136.2	141.0	144.7	148.5	151.2	154.0	156.2	157.9	159.7	161.8
-70°	111.2	114.9	118.8	122.7	126.3	128.8	130.4	131.7	132.7	132.0	131.5
-72.5°	92.8	97.4	100.7	103.9	106.8	108.7	109.8	110.7	111.2	104.3	94.5
-75°	76.1	80.8	83.5	86.1	88.4	89.8	90.5	91.0	91.2	83.3	73.0
-77.5°	61.3	64.5	66.1	67.7	69.3	69.9	70.3	70.7	71.2	64.6	56.2
-80°	42.4	44.5	45.6	46.7	47.6	47.7	47.0	45.9	44.3	40.6	36.4
-82.5°	25.2	25.5	25.5	25.4	25.3	26.4	27.5	28.4	29.1	26.9	24.3
-85°	11.2	10.9	10.3	9.5	8.6	9.1	9.6	10.1	10.6	9.9	9.1
-87.5°	2.0	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.1	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: P558885 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.4	2.4
85°	8.3	7.5	7.5	7.5	7.5	7.5	8.3	9.1	9.9	10.6	10.1
82.5°	21.6	18.6	18.7	18.7	18.7	18.6	21.6	24.3	26.9	29.1	28.4
80°	32.0	27.5	28.1	28.7	28.1	27.5	32.0	36.4	40.6	44.3	45.9
77.5°	47.2	37.8	37.5	37.5	37.5	37.8	47.2	56.2	64.6	71.2	70.7
75°	62.5	51.6	51.1	51.2	51.1	51.6	62.5	73.0	83.3	91.2	91.0
72.5°	84.5	74.1	69.4	64.9	69.4	74.1	84.5	94.5	104.3	111.2	110.7
70°	131.6	131.9	127.3	121.1	127.3	131.9	131.6	131.5	132.0	132.7	131.7
67.5°	163.5	164.8	166.8	168.5	166.8	164.8	163.5	161.8	159.7	157.9	156.2
65°	200.0	199.9	200.7	201.0	200.7	199.9	200.0	199.1	197.1	195.4	193.4
62.5°	261.0	265.2	268.2	269.6	268.2	265.2	261.0	255.8	249.7	244.4	240.0
60°	301.4	304.9	309.7	314.6	309.7	304.9	301.4	297.1	291.9	286.6	280.7
57.5°	339.2	345.0	349.8	353.3	349.8	345.0	339.2	332.7	325.7	321.1	315.2
55°	374.0	380.8	387.3	393.2	387.3	380.8	374.0	366.3	358.3	356.6	352.2
52.5°	417.7	423.3	432.6	444.4	432.6	423.3	417.7	410.1	402.2	400.1	395.7
50°	473.7	482.2	493.9	508.1	493.9	482.2	473.7	463.5	454.7	450.5	446.8
47.5°	538.4	546.9	558.1	573.0	558.1	546.9	538.4	526.9	515.5	504.0	489.6
45°	709.4	729.4	747.7	767.7	747.7	729.4	709.4	680.2	648.3	606.4	556.6
42.5°	1386.0	1473.6	1511.4	1489.3	1511.4	1473.6	1386.0	1259.4	1101.4	912.2	765.2
40°	2490.4	2636.0	2721.6	2751.4	2721.6	2636.0	2490.4	2283.0	2010.8	1693.3	1414.1
37.5°	3575.2	3709.2	3781.5	3790.0	3781.5	3709.2	3575.2	3373.9	3098.2	2768.0	2382.1
35°	4455.2	4565.6	4631.0	4680.1	4631.0	4565.6	4455.2	4289.0	4058.7	3752.7	3371.5
32.5°	5245.6	5371.3	5444.0	5427.9	5444.0	5371.3	5245.6	5071.7	4858.3	4584.1	4236.3
30°	5983.9	6121.5	6206.9	6209.4	6206.9	6121.5	5983.9	5791.9	5557.6	5278.6	4968.2
27.5°	6713.8	6868.2	6957.2	7027.0	6957.2	6868.2	6713.8	6490.0	6213.0	5919.2	5576.9
25°	7492.5	7685.0	7799.3	7868.4	7799.3	7685.0	7492.5	7223.9	6901.7	6557.8	6174.7
22.5°	8332.1	8570.5	8727.1	8792.2	8727.1	8570.5	8332.1	8010.7	7621.0	7201.4	6755.4
20°	9245.4	9540.8	9740.8	9734.7	9740.8	9540.8	9245.4	8837.1	8367.8	7862.3	7347.6
17.5°	10264.4	10645.4	10903.3	10940.7	10903.3	10645.4	10264.4	9725.3	9163.8	8576.8	7956.0
15°	11356.9	11848.2	12181.8	12285.2	12181.8	11848.2	11356.9	10723.1	10007.4	9304.9	8566.4
12.5°	12476.4	13060.8	13505.5	13653.4	13505.5	13060.8	12476.4	11725.0	10845.9	10027.6	9174.7
10°	13543.1	14190.4	14673.1	14886.7	14673.1	14190.4	13543.1	12651.6	11704.5	10735.5	9717.7
7.5°	14434.8	15092.5	15589.7	15765.6	15589.7	15092.5	14434.8	13537.1	12409.8	11331.4	10230.0
5°	15022.3	15740.8	16127.4	16344.8	16127.4	15740.8	15022.3	14081.7	12966.8	11785.3	10604.1
2.5°	15414.8	16024.1	16415.6	16615.7	16415.6	16024.1	15414.8	14488.7	13389.4	12100.3	10852.6
0°	15623.3	16243.7	16530.8	16628.2	16530.8	16243.7	15623.3	14697.0	13568.5	12229.0	11011.8
-2.5°	15414.8	16024.1	16415.6	16615.7	16415.6	16024.1	15414.8	14488.7	13389.4	12100.3	10852.6
-5°	15022.3	15740.8	16127.4	16344.8	16127.4	15740.8	15022.3	14081.7	12966.8	11785.3	10604.1
-7.5°	14434.8	15092.5	15589.7	15765.6	15589.7	15092.5	14434.8	13537.1	12409.8	11331.4	10230.0
-10°	13543.1	14190.4	14673.1	14886.7	14673.1	14190.4	13543.1	12651.6	11704.5	10735.5	9717.7
-12.5°	12476.4	13060.8	13505.5	13653.4	13505.5	13060.8	12476.4	11725.0	10845.9	10027.6	9174.7
-15°	11356.9	11848.2	12181.8	12285.2	12181.8	11848.2	11356.9	10723.1	10007.4	9304.9	8566.4
-17.5°	10264.4	10645.4	10903.3	10940.7	10903.3	10645.4	10264.4	9725.3	9163.8	8576.8	7956.0
-20°	9245.4	9540.8	9740.8	9734.7	9740.8	9540.8	9245.4	8837.1	8367.8	7862.3	7347.6



REPORT NUMBER: P558885 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8332.1	8570.5	8727.1	8792.2	8727.1	8570.5	8332.1	8010.7	7621.0	7201.4	6755.4
-25°	7492.5	7685.0	7799.3	7868.4	7799.3	7685.0	7492.5	7223.9	6901.7	6557.8	6174.7
-27.5°	6713.8	6868.2	6957.2	7027.0	6957.2	6868.2	6713.8	6490.0	6213.0	5919.2	5576.9
-30°	5983.9	6121.5	6206.9	6209.4	6206.9	6121.5	5983.9	5791.9	5557.6	5278.6	4968.2
-32.5°	5245.6	5371.3	5444.0	5427.9	5444.0	5371.3	5245.6	5071.7	4858.3	4584.1	4236.3
-35°	4455.2	4565.6	4631.0	4680.1	4631.0	4565.6	4455.2	4289.0	4058.7	3752.7	3371.5
-37.5°	3575.2	3709.2	3781.5	3790.0	3781.5	3709.2	3575.2	3373.9	3098.2	2768.0	2382.1
-40°	2490.4	2636.0	2721.6	2751.4	2721.6	2636.0	2490.4	2283.0	2010.8	1693.3	1414.1
-42.5°	1386.0	1473.6	1511.4	1489.3	1511.4	1473.6	1386.0	1259.4	1101.4	912.2	765.2
-45°	709.4	729.4	747.7	767.7	747.7	729.4	709.4	680.2	648.3	606.4	556.6
-47.5°	538.4	546.9	558.1	573.0	558.1	546.9	538.4	526.9	515.5	504.0	489.6
-50°	473.7	482.2	493.9	508.1	493.9	482.2	473.7	463.5	454.7	450.5	446.8
-52.5°	417.7	423.3	432.6	444.4	432.6	423.3	417.7	410.1	402.2	400.1	395.7
-55°	374.0	380.8	387.3	393.2	387.3	380.8	374.0	366.3	358.3	356.6	352.2
-57.5°	339.2	345.0	349.8	353.3	349.8	345.0	339.2	332.7	325.7	321.1	315.2
-60°	301.4	304.9	309.7	314.6	309.7	304.9	301.4	297.1	291.9	286.6	280.7
-62.5°	261.0	265.2	268.2	269.6	268.2	265.2	261.0	255.8	249.7	244.4	240.0
-65°	200.0	199.9	200.7	201.0	200.7	199.9	200.0	199.1	197.1	195.4	193.4
-67.5°	163.5	164.8	166.8	168.5	166.8	164.8	163.5	161.8	159.7	157.9	156.2
-70°	131.6	131.9	127.3	121.1	127.3	131.9	131.6	131.5	132.0	132.7	131.7
-72.5°	84.5	74.1	69.4	64.9	69.4	74.1	84.5	94.5	104.3	111.2	110.7
-75°	62.5	51.6	51.1	51.2	51.1	51.6	62.5	73.0	83.3	91.2	91.0
-77.5°	47.2	37.8	37.5	37.5	37.5	37.8	47.2	56.2	64.6	71.2	70.7
-80°	32.0	27.5	28.1	28.7	28.1	27.5	32.0	36.4	40.6	44.3	45.9
-82.5°	21.6	18.6	18.7	18.7	18.7	18.6	21.6	24.3	26.9	29.1	28.4
-85°	8.3	7.5	7.5	7.5	7.5	7.5	8.3	9.1	9.9	10.6	10.1
-87.5°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.4	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



REPORT NUMBER: P558885 (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°	2.3	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.8
85°	9.6	9.1	8.6	9.5	10.3	10.9	11.2	10.0	8.8	7.7	6.7
82.5°	27.5	26.4	25.3	25.4	25.5	25.5	25.2	22.1	19.2	16.5	14.3
80°	47.0	47.7	47.6	46.7	45.6	44.5	42.4	36.8	31.8	27.4	24.3
77.5°	70.3	69.9	69.3	67.7	66.1	64.5	61.3	53.1	45.2	38.0	34.1
75°	90.5	89.8	88.4	86.1	83.5	80.8	76.1	67.9	59.3	50.4	45.8
72.5°	109.8	108.7	106.8	103.9	100.7	97.4	92.8	85.7	76.9	66.3	61.1
70°	130.4	128.8	126.3	122.7	118.8	114.9	111.2	106.1	98.9	89.9	84.7
67.5°	154.0	151.2	148.5	144.7	141.0	136.2	133.0	128.7	123.2	115.6	109.8
65°	189.3	183.0	179.1	178.6	175.0	168.0	160.3	155.4	150.1	142.9	134.9
62.5°	236.3	233.5	226.4	218.7	212.7	207.7	198.3	187.9	179.0	170.8	161.3
60°	274.4	267.9	262.0	254.9	246.7	238.7	230.9	220.8	208.2	198.0	187.5
57.5°	307.5	301.2	297.3	290.5	280.8	272.7	264.2	254.0	241.6	226.8	213.7
55°	344.8	340.1	335.9	329.5	320.8	309.7	298.8	287.8	274.0	256.2	240.0
52.5°	389.2	383.4	377.1	370.3	360.1	346.4	333.5	320.5	304.4	285.2	265.6
50°	440.9	429.1	418.6	409.6	396.3	381.1	365.7	351.0	332.0	312.2	291.8
47.5°	479.7	469.6	457.9	444.8	429.8	413.5	396.3	377.8	357.9	337.3	315.8
45°	538.0	516.1	493.0	478.6	461.7	444.1	425.7	404.7	383.0	361.0	338.4
42.5°	689.3	607.3	554.2	523.6	495.4	475.6	453.4	430.7	407.6	384.0	360.1
40°	1130.2	811.6	705.1	601.4	546.6	511.0	482.2	455.7	431.2	406.2	381.0
37.5°	1938.9	1487.4	1119.8	787.4	663.6	559.3	515.9	481.7	453.7	427.8	401.2
35°	2954.7	2434.3	1831.6	1340.6	889.6	694.6	560.6	512.5	476.8	448.6	420.6
32.5°	3837.2	3330.3	2748.0	2072.7	1452.3	937.4	692.1	553.5	502.2	469.3	439.5
30°	4587.8	4119.5	3563.5	2890.8	2147.8	1448.5	884.7	658.5	540.1	488.8	457.6
27.5°	5200.1	4780.0	4259.5	3647.6	2889.8	2067.9	1342.3	789.2	597.0	518.3	474.6
25°	5762.5	5319.4	4831.1	4260.1	3570.4	2741.3	1843.2	1133.4	708.9	549.8	490.5
22.5°	6296.6	5826.0	5324.3	4771.0	4132.7	3340.3	2444.6	1516.4	821.8	606.8	515.2
20°	6813.0	6294.3	5771.6	5196.7	4559.1	3868.3	2989.1	1975.3	1144.2	693.3	538.7
17.5°	7341.9	6748.3	6156.3	5571.1	4924.9	4231.3	3413.5	2436.8	1424.4	771.2	559.0
15°	7843.0	7179.8	6526.6	5883.2	5237.1	4534.2	3767.8	2847.8	1702.5	928.8	616.6
12.5°	8350.2	7578.3	6869.2	6147.8	5499.5	4786.9	4018.9	3128.3	2028.8	1121.8	673.8
10°	8809.7	7943.9	7157.6	6394.2	5695.1	4988.5	4220.9	3353.8	2297.1	1280.5	720.8
7.5°	9203.4	8261.8	7397.6	6595.1	5852.3	5156.7	4394.2	3533.7	2499.3	1403.1	757.5
5°	9507.1	8494.0	7582.1	6759.8	5974.5	5271.4	4521.0	3664.7	2635.4	1489.3	783.8
2.5°	9689.8	8634.7	7690.3	6862.0	6050.4	5336.7	4588.0	3748.5	2722.2	1544.8	803.4
0°	9768.5	8677.4	7769.8	6930.9	6079.5	5364.2	4586.5	3780.0	2753.9	1565.4	812.7
-2.5°	9689.8	8634.7	7690.3	6862.0	6050.4	5336.7	4588.0	3748.5	2722.2	1544.8	803.4
-5°	9507.1	8494.0	7582.1	6759.8	5974.5	5271.4	4521.0	3664.7	2635.4	1489.3	783.8
-7.5°	9203.4	8261.8	7397.6	6595.1	5852.3	5156.7	4394.2	3533.7	2499.3	1403.1	757.5
-10°	8809.7	7943.9	7157.6	6394.2	5695.1	4988.5	4220.9	3353.8	2297.1	1280.5	720.8
-12.5°	8350.2	7578.3	6869.2	6147.8	5499.5	4786.9	4018.9	3128.3	2028.8	1121.8	673.8
-15°	7843.0	7179.8	6526.6	5883.2	5237.1	4534.2	3767.8	2847.8	1702.5	928.8	616.6
-17.5°	7341.9	6748.3	6156.3	5571.1	4924.9	4231.3	3413.5	2436.8	1424.4	771.2	559.0
-20°	6813.0	6294.3	5771.6	5196.7	4559.1	3868.3	2989.1	1975.3	1144.2	693.3	538.7



REPORT NUMBER: P558885 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	6296.6	5826.0	5324.3	4771.0	4132.7	3340.3	2444.6	1516.4	821.8	606.8	515.2
-25°	5762.5	5319.4	4831.1	4260.1	3570.4	2741.3	1843.2	1133.4	708.9	549.8	490.5
-27.5°	5200.1	4780.0	4259.5	3647.6	2889.8	2067.9	1342.3	789.2	597.0	518.3	474.6
-30°	4587.8	4119.5	3563.5	2890.8	2147.8	1448.5	884.7	658.5	540.1	488.8	457.6
-32.5°	3837.2	3330.3	2748.0	2072.7	1452.3	937.4	692.1	553.5	502.2	469.3	439.5
-35°	2954.7	2434.3	1831.6	1340.6	889.6	694.6	560.6	512.5	476.8	448.6	420.6
-37.5°	1938.9	1487.4	1119.8	787.4	663.6	559.3	515.9	481.7	453.7	427.8	401.2
-40°	1130.2	811.6	705.1	601.4	546.6	511.0	482.2	455.7	431.2	406.2	381.0
-42.5°	689.3	607.3	554.2	523.6	495.4	475.6	453.4	430.7	407.6	384.0	360.1
-45°	538.0	516.1	493.0	478.6	461.7	444.1	425.7	404.7	383.0	361.0	338.4
-47.5°	479.7	469.6	457.9	444.8	429.8	413.5	396.3	377.8	357.9	337.3	315.8
-50°	440.9	429.1	418.6	409.6	396.3	381.1	365.7	351.0	332.0	312.2	291.8
-52.5°	389.2	383.4	377.1	370.3	360.1	346.4	333.5	320.5	304.4	285.2	265.6
-55°	344.8	340.1	335.9	329.5	320.8	309.7	298.8	287.8	274.0	256.2	240.0
-57.5°	307.5	301.2	297.3	290.5	280.8	272.7	264.2	254.0	241.6	226.8	213.7
-60°	274.4	267.9	262.0	254.9	246.7	238.7	230.9	220.8	208.2	198.0	187.5
-62.5°	236.3	233.5	226.4	218.7	212.7	207.7	198.3	187.9	179.0	170.8	161.3
-65°	189.3	183.0	179.1	178.6	175.0	168.0	160.3	155.4	150.1	142.9	134.9
-67.5°	154.0	151.2	148.5	144.7	141.0	136.2	133.0	128.7	123.2	115.6	109.8
-70°	130.4	128.8	126.3	122.7	118.8	114.9	111.2	106.1	98.9	89.9	84.7
-72.5°	109.8	108.7	106.8	103.9	100.7	97.4	92.8	85.7	76.9	66.3	61.1
-75°	90.5	89.8	88.4	86.1	83.5	80.8	76.1	67.9	59.3	50.4	45.8
-77.5°	70.3	69.9	69.3	67.7	66.1	64.5	61.3	53.1	45.2	38.0	34.1
-80°	47.0	47.7	47.6	46.7	45.6	44.5	42.4	36.8	31.8	27.4	24.3
-82.5°	27.5	26.4	25.3	25.4	25.5	25.5	25.2	22.1	19.2	16.5	14.3
-85°	9.6	9.1	8.6	9.5	10.3	10.9	11.2	10.0	8.8	7.7	6.7
-87.5°	2.3	2.3	2.3	2.2	2.2	2.1	2.0	2.0	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



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 CATALOG NUMBER: GFLD-SA4B-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°	2.1	2.4	2.7	2.9	3.0	3.1	3.2	3.2	3.0	2.8	2.5
85°	7.1	7.3	7.4	7.2	6.8	6.3	6.4	6.3	6.0	5.5	5.1
82.5°	14.9	15.5	15.8	15.8	14.8	13.8	12.7	11.5	10.2	8.5	7.6
80°	25.8	26.6	26.8	26.2	23.7	21.2	19.6	17.9	16.6	14.8	12.4
77.5°	36.7	38.3	39.0	38.2	34.7	31.3	27.9	24.9	23.1	21.0	18.3
75°	48.0	50.5	52.0	51.1	46.8	41.4	37.1	33.5	30.9	27.5	24.2
72.5°	62.3	63.5	64.9	64.6	60.8	55.5	48.4	42.2	39.3	35.4	30.6
70°	81.4	77.8	77.0	76.5	74.2	70.0	63.0	54.7	47.8	43.4	38.0
67.5°	104.7	99.8	94.8	89.4	86.7	82.9	77.3	67.6	58.6	51.5	45.4
65°	127.8	121.3	115.1	107.3	100.8	95.9	90.1	79.8	68.9	59.9	52.9
62.5°	151.4	141.8	133.5	124.4	115.9	108.9	102.8	91.1	78.9	68.0	59.6
60°	176.2	164.6	151.9	141.0	130.7	121.4	113.2	102.2	89.0	75.6	65.7
57.5°	201.2	187.7	172.3	157.9	145.5	134.2	123.0	111.8	98.9	84.2	71.1
55°	226.0	211.1	192.5	175.4	160.5	147.4	133.4	120.7	108.2	92.9	75.1
52.5°	248.0	232.4	214.0	193.4	175.5	160.0	144.6	129.4	116.1	101.4	80.5
50°	270.5	251.2	233.7	213.2	190.4	172.6	155.5	139.1	123.9	109.2	85.5
47.5°	294.0	271.4	250.9	231.7	208.4	184.7	166.4	148.6	131.4	116.0	90.0
45°	315.5	292.2	268.6	247.2	225.2	198.8	177.2	157.7	139.6	119.4	93.8
42.5°	336.0	311.6	286.9	262.3	239.2	212.7	187.5	167.0	147.4	122.0	96.4
40°	355.5	329.9	304.1	278.5	253.2	225.4	198.8	176.1	154.3	124.4	98.2
37.5°	374.2	347.3	320.3	293.9	267.5	238.5	209.3	184.7	157.7	126.9	99.4
35°	392.2	363.8	336.4	308.7	281.0	251.7	218.6	193.0	162.8	129.1	100.1
32.5°	409.4	379.8	351.6	323.0	293.8	265.1	229.1	200.5	168.9	130.8	100.2
30°	426.2	395.6	365.9	336.7	305.9	276.2	240.9	207.9	176.1	132.1	100.2
27.5°	442.1	410.1	379.3	349.1	317.7	286.5	252.4	215.2	184.1	134.7	100.9
25°	456.8	423.6	391.7	360.6	328.8	296.3	263.0	222.4	190.8	140.1	101.2
22.5°	470.4	436.0	403.0	371.1	339.5	305.8	272.0	231.1	196.3	145.8	101.1
20°	482.7	446.9	413.5	382.1	349.3	314.8	279.6	239.1	201.5	151.5	100.5
17.5°	495.1	458.3	425.6	392.6	358.4	323.1	286.7	246.2	206.3	157.2	99.6
15°	514.6	470.7	436.6	402.4	366.7	330.4	293.3	252.4	210.6	162.7	99.3
12.5°	532.1	481.7	446.4	411.5	374.4	336.9	299.1	257.8	214.5	166.4	99.7
10°	546.9	491.4	455.2	419.8	381.2	342.4	304.3	262.3	217.7	167.9	99.5
7.5°	559.0	499.7	462.7	427.2	387.6	347.7	309.1	266.2	220.9	168.1	98.7
5°	569.4	508.8	472.1	435.2	395.1	353.0	313.1	269.1	223.7	166.9	97.4
2.5°	581.2	519.7	482.6	442.3	401.6	357.4	316.2	271.1	225.9	164.5	95.6
0°	590.5	529.3	491.9	448.2	407.0	360.8	318.3	272.1	227.2	161.0	93.6
-2.5°	581.2	519.7	482.6	442.3	401.6	357.4	316.2	271.1	225.9	164.5	95.6
-5°	569.4	508.8	472.1	435.2	395.1	353.0	313.1	269.1	223.7	166.9	97.4
-7.5°	559.0	499.7	462.7	427.2	387.6	347.7	309.1	266.2	220.9	168.1	98.7
-10°	546.9	491.4	455.2	419.8	381.2	342.4	304.3	262.3	217.7	167.9	99.5
-12.5°	532.1	481.7	446.4	411.5	374.4	336.9	299.1	257.8	214.5	166.4	99.7
-15°	514.6	470.7	436.6	402.4	366.7	330.4	293.3	252.4	210.6	162.7	99.3
-17.5°	495.1	458.3	425.6	392.6	358.4	323.1	286.7	246.2	206.3	157.2	99.6
-20°	482.7	446.9	413.5	382.1	349.3	314.8	279.6	239.1	201.5	151.5	100.5



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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°	470.4	436.0	403.0	371.1	339.5	305.8	272.0	231.1	196.3	145.8	101.1
-25°	456.8	423.6	391.7	360.6	328.8	296.3	263.0	222.4	190.8	140.1	101.2
-27.5°	442.1	410.1	379.3	349.1	317.7	286.5	252.4	215.2	184.1	134.7	100.9
-30°	426.2	395.6	365.9	336.7	305.9	276.2	240.9	207.9	176.1	132.1	100.2
-32.5°	409.4	379.8	351.6	323.0	293.8	265.1	229.1	200.5	168.9	130.8	100.2
-35°	392.2	363.8	336.4	308.7	281.0	251.7	218.6	193.0	162.8	129.1	100.1
-37.5°	374.2	347.3	320.3	293.9	267.5	238.5	209.3	184.7	157.7	126.9	99.4
-40°	355.5	329.9	304.1	278.5	253.2	225.4	198.8	176.1	154.3	124.4	98.2
-42.5°	336.0	311.6	286.9	262.3	239.2	212.7	187.5	167.0	147.4	122.0	96.4
-45°	315.5	292.2	268.6	247.2	225.2	198.8	177.2	157.7	139.6	119.4	93.8
-47.5°	294.0	271.4	250.9	231.7	208.4	184.7	166.4	148.6	131.4	116.0	90.0
-50°	270.5	251.2	233.7	213.2	190.4	172.6	155.5	139.1	123.9	109.2	85.5
-52.5°	248.0	232.4	214.0	193.4	175.5	160.0	144.6	129.4	116.1	101.4	80.5
-55°	226.0	211.1	192.5	175.4	160.5	147.4	133.4	120.7	108.2	92.9	75.1
-57.5°	201.2	187.7	172.3	157.9	145.5	134.2	123.0	111.8	98.9	84.2	71.1
-60°	176.2	164.6	151.9	141.0	130.7	121.4	113.2	102.2	89.0	75.6	65.7
-62.5°	151.4	141.8	133.5	124.4	115.9	108.9	102.8	91.1	78.9	68.0	59.6
-65°	127.8	121.3	115.1	107.3	100.8	95.9	90.1	79.8	68.9	59.9	52.9
-67.5°	104.7	99.8	94.8	89.4	86.7	82.9	77.3	67.6	58.6	51.5	45.4
-70°	81.4	77.8	77.0	76.5	74.2	70.0	63.0	54.7	47.8	43.4	38.0
-72.5°	62.3	63.5	64.9	64.6	60.8	55.5	48.4	42.2	39.3	35.4	30.6
-75°	48.0	50.5	52.0	51.1	46.8	41.4	37.1	33.5	30.9	27.5	24.2
-77.5°	36.7	38.3	39.0	38.2	34.7	31.3	27.9	24.9	23.1	21.0	18.3
-80°	25.8	26.6	26.8	26.2	23.7	21.2	19.6	17.9	16.6	14.8	12.4
-82.5°	14.9	15.5	15.8	15.8	14.8	13.8	12.7	11.5	10.2	8.5	7.6
-85°	7.1	7.3	7.4	7.2	6.8	6.3	6.4	6.3	6.0	5.5	5.1
-87.5°	2.1	2.4	2.7	2.9	3.0	3.1	3.2	3.2	3.0	2.8	2.5
-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°	2.3	1.7	1.3	0.9	0.5	0.3	0.0
85°	4.5	3.5	2.6	1.8	1.1	0.5	0.0
82.5°	6.7	5.2	3.9	2.7	1.6	0.8	0.0
80°	9.3	6.9	5.1	3.5	2.2	1.1	0.0
77.5°	14.6	9.4	6.4	4.4	2.7	1.3	0.0
75°	19.8	13.5	7.9	5.2	3.2	1.6	0.0
72.5°	24.9	17.5	10.9	6.1	3.7	1.9	0.0
70°	30.0	21.3	13.7	7.1	4.2	2.1	0.0
67.5°	35.9	25.1	16.5	9.0	4.7	2.4	0.0
65°	41.6	29.1	19.2	10.9	5.2	2.6	0.0
62.5°	47.0	33.3	21.8	12.7	5.7	2.9	0.0
60°	52.2	37.3	24.3	14.5	6.2	3.1	0.0
57.5°	55.7	41.1	27.1	16.2	7.3	3.3	0.0
55°	58.6	44.7	29.8	17.8	8.4	3.6	0.0
52.5°	61.2	47.8	32.4	19.3	9.4	3.8	0.0
50°	63.3	49.3	34.7	20.7	10.4	4.0	0.0
47.5°	65.2	50.5	36.9	22.1	11.3	4.2	0.0
45°	68.4	51.5	38.9	23.6	12.3	4.4	0.0
42.5°	71.1	52.1	40.7	24.9	13.1	4.6	0.0
40°	73.3	52.3	41.7	26.4	13.9	4.7	0.0
37.5°	75.0	52.3	41.8	27.9	14.7	4.9	0.0
35°	76.2	53.0	41.8	29.3	15.4	5.1	0.0
32.5°	76.8	53.8	41.5	30.7	16.1	5.2	0.0
30°	76.7	54.3	41.1	32.1	16.7	5.4	0.0
27.5°	76.2	54.5	41.5	33.4	17.3	5.5	0.0
25°	75.4	54.3	42.0	34.6	17.8	5.6	0.0
22.5°	74.2	54.4	42.4	35.8	18.3	5.7	0.0
20°	72.6	55.8	42.8	36.9	18.7	5.8	0.0
17.5°	72.7	57.1	43.0	37.9	19.0	5.9	0.0
15°	73.8	58.2	43.3	38.9	19.3	6.0	0.0
12.5°	74.7	59.1	43.4	39.7	19.6	6.1	0.0
10°	75.4	59.8	43.5	40.5	19.8	6.1	0.0
7.5°	75.9	60.4	43.6	41.1	19.9	6.1	0.0
5°	76.2	60.9	43.7	41.7	20.0	6.2	0.0
2.5°	76.3	61.1	43.7	42.1	20.0	6.2	0.0
0°	76.2	61.2	43.7	42.4	20.0	6.2	0.0
-2.5°	76.3	61.1	43.7	42.1	20.0	6.2	0.0
-5°	76.2	60.9	43.7	41.7	20.0	6.2	0.0
-7.5°	75.9	60.4	43.6	41.1	19.9	6.1	0.0
-10°	75.4	59.8	43.5	40.5	19.8	6.1	0.0
-12.5°	74.7	59.1	43.4	39.7	19.6	6.1	0.0
-15°	73.8	58.2	43.3	38.9	19.3	6.0	0.0
-17.5°	72.7	57.1	43.0	37.9	19.0	5.9	0.0
-20°	72.6	55.8	42.8	36.9	18.7	5.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	74.2	54.4	42.4	35.8	18.3	5.7	0.0
-25°	75.4	54.3	42.0	34.6	17.8	5.6	0.0
-27.5°	76.2	54.5	41.5	33.4	17.3	5.5	0.0
-30°	76.7	54.3	41.1	32.1	16.7	5.4	0.0
-32.5°	76.8	53.8	41.5	30.7	16.1	5.2	0.0
-35°	76.2	53.0	41.8	29.3	15.4	5.1	0.0
-37.5°	75.0	52.3	41.8	27.9	14.7	4.9	0.0
-40°	73.3	52.3	41.7	26.4	13.9	4.7	0.0
-42.5°	71.1	52.1	40.7	24.9	13.1	4.6	0.0
-45°	68.4	51.5	38.9	23.6	12.3	4.4	0.0
-47.5°	65.2	50.5	36.9	22.1	11.3	4.2	0.0
-50°	63.3	49.3	34.7	20.7	10.4	4.0	0.0
-52.5°	61.2	47.8	32.4	19.3	9.4	3.8	0.0
-55°	58.6	44.7	29.8	17.8	8.4	3.6	0.0
-57.5°	55.7	41.1	27.1	16.2	7.3	3.3	0.0
-60°	52.2	37.3	24.3	14.5	6.2	3.1	0.0
-62.5°	47.0	33.3	21.8	12.7	5.7	2.9	0.0
-65°	41.6	29.1	19.2	10.9	5.2	2.6	0.0
-67.5°	35.9	25.1	16.5	9.0	4.7	2.4	0.0
-70°	30.0	21.3	13.7	7.1	4.2	2.1	0.0
-72.5°	24.9	17.5	10.9	6.1	3.7	1.9	0.0
-75°	19.8	13.5	7.9	5.2	3.2	1.6	0.0
-77.5°	14.6	9.4	6.4	4.4	2.7	1.3	0.0
-80°	9.3	6.9	5.1	3.5	2.2	1.1	0.0
-82.5°	6.7	5.2	3.9	2.7	1.6	0.8	0.0
-85°	4.5	3.5	2.6	1.8	1.1	0.5	0.0
-87.5°	2.3	1.7	1.3	0.9	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)