

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: P558662 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-930-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558662 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA2C-930-U-NAT-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (32) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

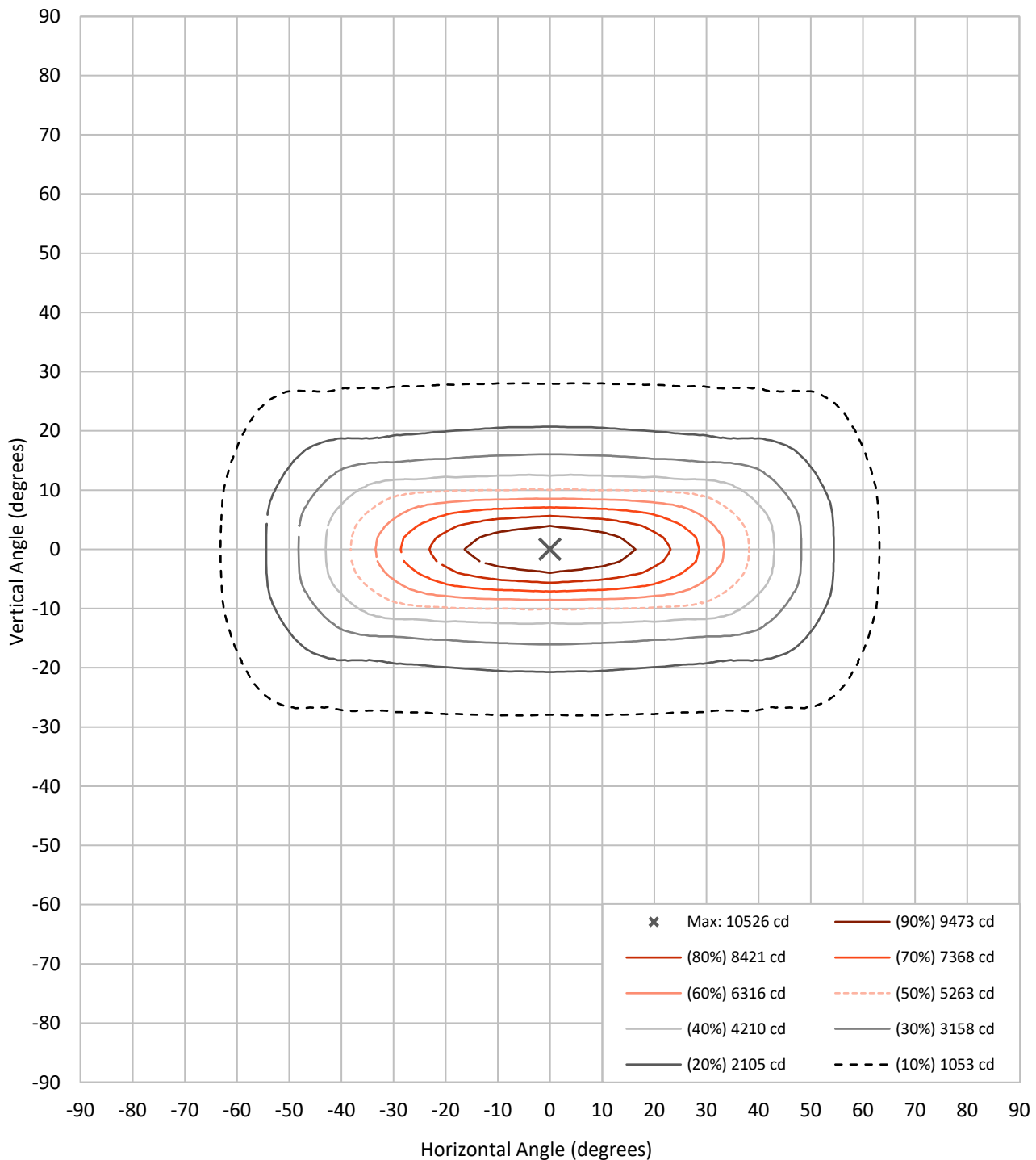
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	7538.5 lumens	Max Intensity:	10526 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	90.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	3016.1 lumens	Field Lumens:	6178.6 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 83
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P558662 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





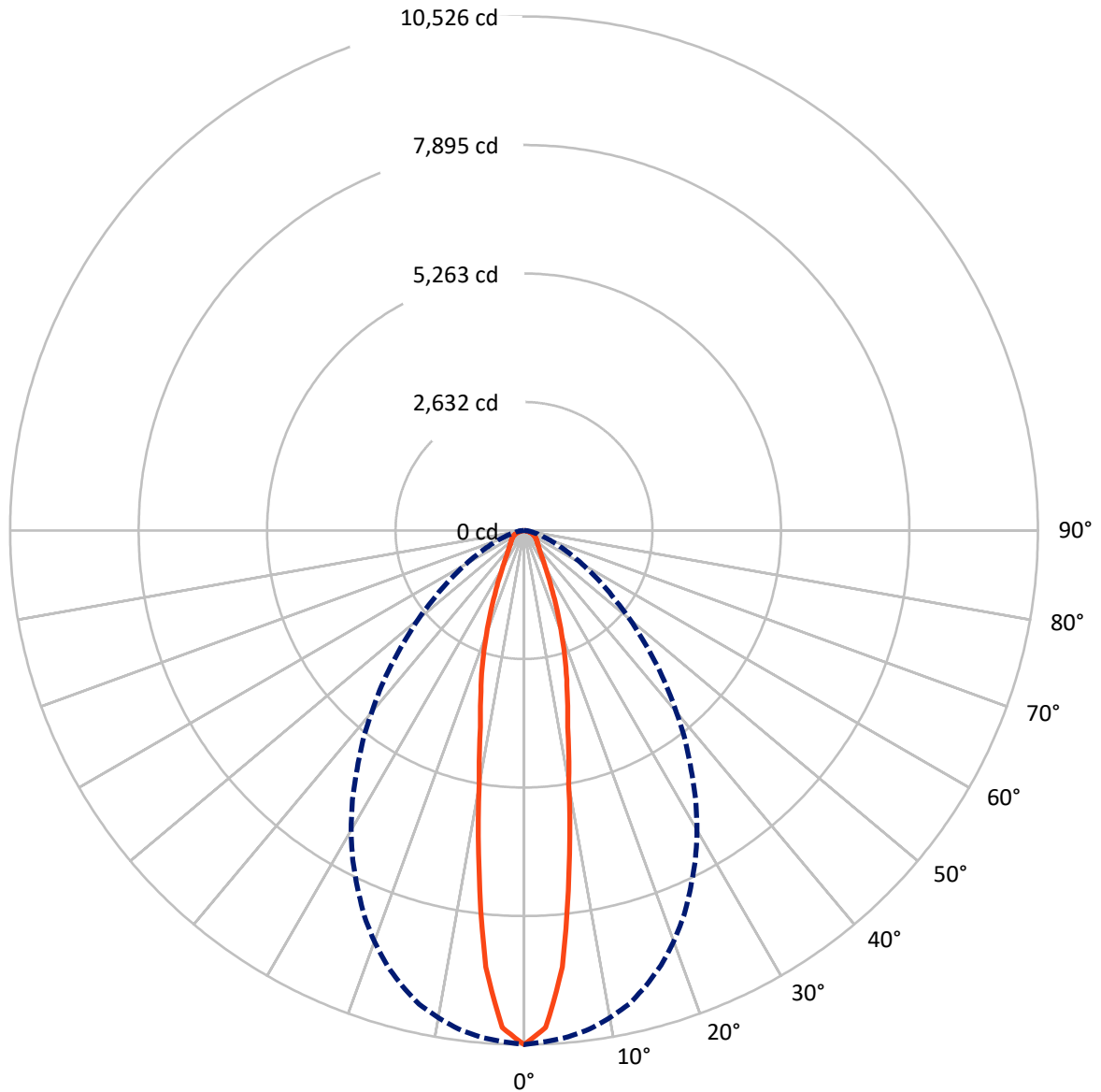
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Lumen Table

90																			
80	0.4	2.6		5.3		7.6		8.6		7.6		5.3		2.6		0.4			
70																			
60	1.6	1.5	2.6	3.6	4.5	5.3	6.1	6.6	6.6	6.1	5.3	4.5	3.6	2.6	1.5	1.6			
50		2.5	4.3	5.8	6.8	7.8	8.7	9.2	9.2	8.7	7.8	6.8	5.8	4.3	2.5				
40	3.2	3.8	6.5	8.7	10.0	11.0	11.8	12.3	12.3	11.8	11.0	10.0	8.7	6.5	3.8	3.2			
30		5.5	10.5	13.8	16.1	17.8	19.0	19.6	19.6	19.0	17.8	16.1	13.8	10.5	5.5				
20	5.0	7.8	17.8	26.6	32.1	37.2	41.5	43.9	43.9	41.5	37.2	32.1	26.6	17.8	7.8	5.0			
10		10.3	27.5	52.9	76.0	90.6	100.9	106.7	106.7	100.9	90.6	76.0	52.9	27.5	10.3				
0	5.7	11.8	35.3	77.9	134.8	191.1	232.6	254.4	254.4	232.6	191.1	134.8	77.9	35.3	11.8	5.7			
-10		11.8	35.3	77.9	134.8	191.1	232.6	254.4	254.4	232.6	191.1	134.8	77.9	35.3	11.8				
-20	5.0	10.3	27.5	52.9	76.0	90.6	100.9	106.7	106.7	100.9	90.6	76.0	52.9	27.5	10.3	5.0			
-30		7.8	17.8	26.6	32.1	37.2	41.5	43.9	43.9	41.5	37.2	32.1	26.6	17.8	7.8				
-40	3.2	5.5	10.5	13.8	16.1	17.8	19.0	19.6	19.6	19.0	17.8	16.1	13.8	10.5	5.5	3.2			
-50		3.8	6.5	8.7	10.0	11.0	11.8	12.3	12.3	11.8	11.0	10.0	8.7	6.5	3.8				
-60	1.6	2.5	4.3	5.8	6.8	7.8	8.7	9.2	9.2	8.7	7.8	6.8	5.8	4.3	2.5	1.6			
-70		1.5	2.6	3.6	4.5	5.3	6.1	6.6	6.6	6.1	5.3	4.5	3.6	2.6	1.5				
-80	0.4	2.6		5.3		7.6		8.6		7.6		5.3		2.6		0.4			
-90																			

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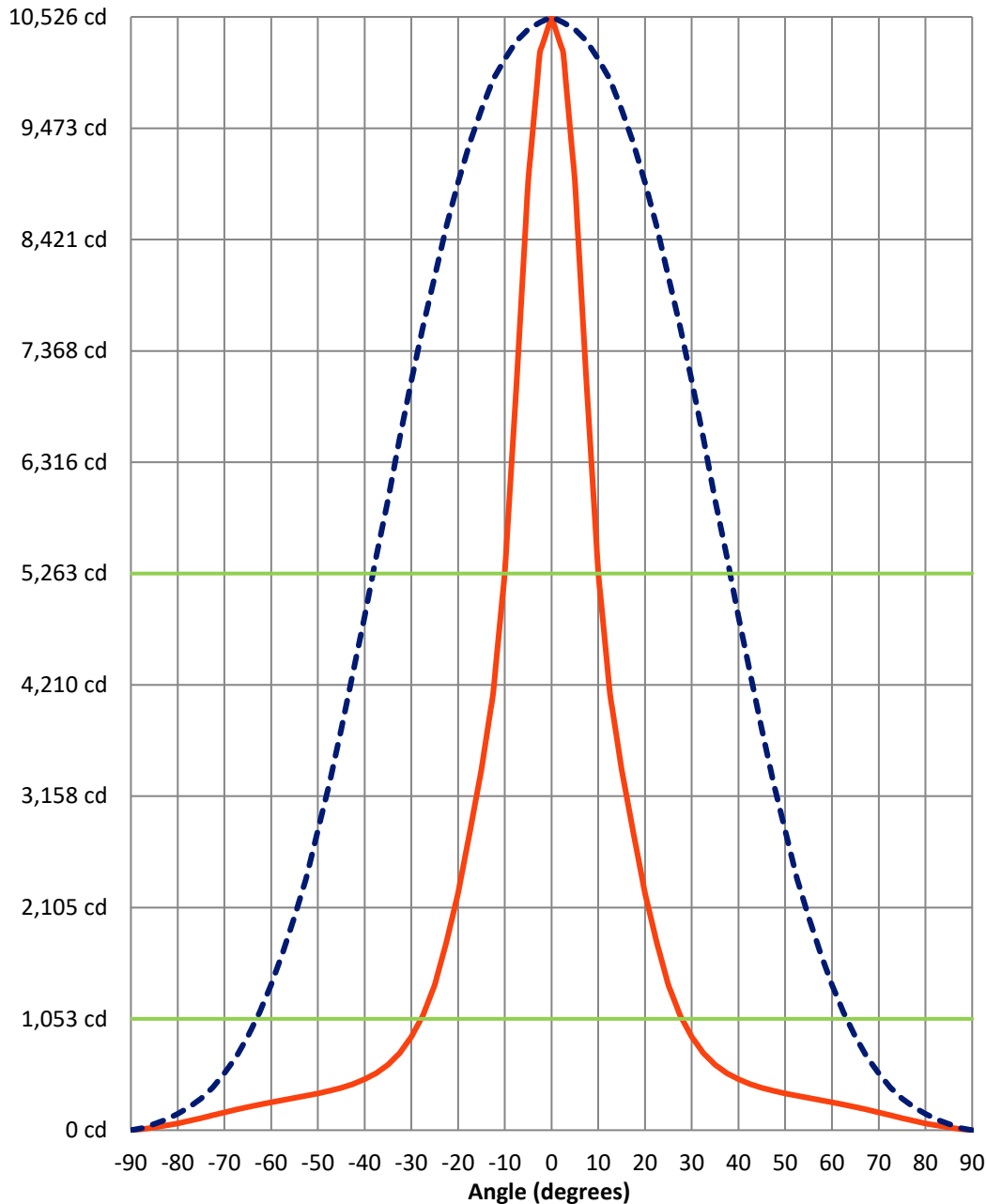
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 76.4°
 V Angle: 20°
 Lumens: 3016.1
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 6178.6
 Efficiency: 82.0%

Spill:
 Lumens: 1359.9
 Efficiency: 18.0%

- 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	0.9	1.8	2.5	3.2	3.7	4.2	4.8	5.3	5.8	6.2
85°	0.0	1.8	3.5	5.0	6.3	7.4	8.4	9.5	10.6	11.5	12.4
82.5°	0.0	2.6	5.2	7.5	9.4	11.1	12.6	14.3	16.2	19.3	22.1
80°	0.0	3.5	7.0	10.0	12.6	14.9	17.3	21.9	26.3	30.3	33.8
77.5°	0.0	4.3	8.7	12.4	15.7	19.7	25.4	31.1	36.4	41.2	45.8
75°	0.0	5.2	10.4	14.9	19.3	26.7	33.5	40.2	46.6	53.1	58.6
72.5°	0.0	6.0	12.1	17.3	25.1	33.7	41.6	49.7	58.0	65.3	71.4
70°	0.0	6.9	13.7	20.1	30.8	40.6	49.8	60.1	69.4	77.5	85.5
67.5°	0.0	7.7	15.4	24.5	36.4	47.5	59.2	70.5	80.9	91.5	100.0
65°	0.0	8.5	17.0	28.8	42.0	55.0	68.6	80.9	94.1	105.5	115.6
62.5°	0.0	9.3	18.5	33.0	47.6	63.0	77.9	92.6	107.4	120.2	133.4
60°	0.0	10.0	20.1	37.2	53.0	71.0	87.1	104.7	120.7	136.9	151.3
57.5°	0.0	10.8	22.8	41.3	59.4	78.8	97.6	116.9	135.6	153.7	170.6
55°	0.0	11.5	25.5	45.3	65.8	86.6	108.2	129.0	150.9	171.0	191.0
52.5°	0.0	12.2	28.1	49.2	72.0	94.5	118.6	142.5	166.1	190.7	212.0
50°	0.0	12.9	30.6	53.1	78.2	103.1	128.8	156.3	182.2	210.7	236.9
47.5°	0.0	13.6	33.0	57.0	84.2	111.5	139.2	170.2	200.6	231.0	263.2
45°	0.0	14.2	35.4	61.4	90.1	119.8	151.2	184.1	219.5	255.7	290.3
42.5°	0.0	14.8	37.6	65.7	95.8	127.8	163.1	199.5	238.3	281.1	321.3
40°	0.0	15.4	39.8	69.7	101.7	135.6	174.9	215.8	258.4	306.9	353.8
37.5°	0.0	15.9	41.9	73.4	107.7	143.2	186.5	231.9	281.2	334.0	387.5
35°	0.0	16.5	43.9	76.9	113.4	151.8	198.0	247.7	303.9	364.0	423.9
32.5°	0.0	17.0	45.7	80.1	118.9	160.8	209.8	263.3	326.4	394.4	464.0
30°	0.0	17.4	47.5	83.1	124.2	169.5	222.3	279.4	348.7	425.1	505.0
27.5°	0.0	17.8	49.1	85.9	128.6	177.9	234.4	297.5	372.1	455.9	546.7
25°	0.0	18.2	50.7	88.4	132.6	186.0	246.1	315.2	397.2	489.4	589.1
22.5°	0.0	18.6	52.1	90.6	136.4	193.2	257.2	332.2	421.9	524.0	635.4
20°	0.0	18.9	53.3	92.6	139.8	198.6	267.8	348.5	446.0	558.2	681.4
17.5°	0.0	19.2	54.5	94.4	142.9	203.5	275.8	364.0	469.2	591.6	726.5
15°	0.0	19.4	55.5	95.9	145.7	207.6	281.7	376.3	491.5	623.9	770.5
12.5°	0.0	19.6	56.4	97.1	148.1	211.1	286.8	384.2	507.4	654.9	813.0
10°	0.0	19.8	57.1	98.1	150.1	213.9	291.1	390.8	517.6	669.6	846.1
7.5°	0.0	19.9	57.7	98.8	151.8	216.0	294.4	396.0	525.9	679.2	861.1
5°	0.0	20.0	58.2	99.3	153.1	217.5	296.8	399.8	532.1	685.8	872.8
2.5°	0.0	20.1	58.5	99.6	154.0	218.4	298.3	402.2	536.3	689.6	880.8
0°	0.0	20.1	58.7	99.6	154.5	218.6	298.9	403.2	538.3	690.5	885.1
-2.5°	0.0	20.1	58.5	99.6	154.0	218.4	298.3	402.2	536.3	689.6	880.8
-5°	0.0	20.0	58.2	99.3	153.1	217.5	296.8	399.8	532.1	685.8	872.8
-7.5°	0.0	19.9	57.7	98.8	151.8	216.0	294.4	396.0	525.9	679.2	861.1
-10°	0.0	19.8	57.1	98.1	150.1	213.9	291.1	390.8	517.6	669.6	846.1
-12.5°	0.0	19.6	56.4	97.1	148.1	211.1	286.8	384.2	507.4	654.9	813.0
-15°	0.0	19.4	55.5	95.9	145.7	207.6	281.7	376.3	491.5	623.9	770.5
-17.5°	0.0	19.2	54.5	94.4	142.9	203.5	275.8	364.0	469.2	591.6	726.5
-20°	0.0	18.9	53.3	92.6	139.8	198.6	267.8	348.5	446.0	558.2	681.4



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 CATALOG NUMBER: GFLD-SA2C-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	18.6	52.1	90.6	136.4	193.2	257.2	332.2	421.9	524.0	635.4
-25°	0.0	18.2	50.7	88.4	132.6	186.0	246.1	315.2	397.2	489.4	589.1
-27.5°	0.0	17.8	49.1	85.9	128.6	177.9	234.4	297.5	372.1	455.9	546.7
-30°	0.0	17.4	47.5	83.1	124.2	169.5	222.3	279.4	348.7	425.1	505.0
-32.5°	0.0	17.0	45.7	80.1	118.9	160.8	209.8	263.3	326.4	394.4	464.0
-35°	0.0	16.5	43.9	76.9	113.4	151.8	198.0	247.7	303.9	364.0	423.9
-37.5°	0.0	15.9	41.9	73.4	107.7	143.2	186.5	231.9	281.2	334.0	387.5
-40°	0.0	15.4	39.8	69.7	101.7	135.6	174.9	215.8	258.4	306.9	353.8
-42.5°	0.0	14.8	37.6	65.7	95.8	127.8	163.1	199.5	238.3	281.1	321.3
-45°	0.0	14.2	35.4	61.4	90.1	119.8	151.2	184.1	219.5	255.7	290.3
-47.5°	0.0	13.6	33.0	57.0	84.2	111.5	139.2	170.2	200.6	231.0	263.2
-50°	0.0	12.9	30.6	53.1	78.2	103.1	128.8	156.3	182.2	210.7	236.9
-52.5°	0.0	12.2	28.1	49.2	72.0	94.5	118.6	142.5	166.1	190.7	212.0
-55°	0.0	11.5	25.5	45.3	65.8	86.6	108.2	129.0	150.9	171.0	191.0
-57.5°	0.0	10.8	22.8	41.3	59.4	78.8	97.6	116.9	135.6	153.7	170.6
-60°	0.0	10.0	20.1	37.2	53.0	71.0	87.1	104.7	120.7	136.9	151.3
-62.5°	0.0	9.3	18.5	33.0	47.6	63.0	77.9	92.6	107.4	120.2	133.4
-65°	0.0	8.5	17.0	28.8	42.0	55.0	68.6	80.9	94.1	105.5	115.6
-67.5°	0.0	7.7	15.4	24.5	36.4	47.5	59.2	70.5	80.9	91.5	100.0
-70°	0.0	6.9	13.7	20.1	30.8	40.6	49.8	60.1	69.4	77.5	85.5
-72.5°	0.0	6.0	12.1	17.3	25.1	33.7	41.6	49.7	58.0	65.3	71.4
-75°	0.0	5.2	10.4	14.9	19.3	26.7	33.5	40.2	46.6	53.1	58.6
-77.5°	0.0	4.3	8.7	12.4	15.7	19.7	25.4	31.1	36.4	41.2	45.8
-80°	0.0	3.5	7.0	10.0	12.6	14.9	17.3	21.9	26.3	30.3	33.8
-82.5°	0.0	2.6	5.2	7.5	9.4	11.1	12.6	14.3	16.2	19.3	22.1
-85°	0.0	1.8	3.5	5.0	6.3	7.4	8.4	9.5	10.6	11.5	12.4
-87.5°	0.0	0.9	1.8	2.5	3.2	3.7	4.2	4.8	5.3	5.8	6.2
-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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 CATALOG NUMBER: GFLD-SA2C-930-U-NAT-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°	6.7	7.1	7.6	8.0	8.3	8.7	9.0	9.3	9.7	10.0	10.4
85°	13.4	14.3	15.8	17.1	18.2	19.2	20.1	20.8	21.6	22.2	22.7
82.5°	24.6	26.7	28.3	29.5	30.9	32.2	33.3	34.2	35.1	36.0	36.8
80°	36.8	39.1	41.5	43.6	45.7	47.2	48.2	48.5	49.8	51.4	53.0
77.5°	49.8	53.4	56.5	59.2	61.4	63.3	64.7	65.5	67.5	69.8	71.7
75°	63.4	67.7	72.0	75.8	78.8	81.0	82.7	84.0	86.4	89.3	91.8
72.5°	77.5	83.3	88.4	92.8	96.9	100.0	102.3	103.8	106.1	109.6	112.4
70°	92.3	99.0	106.0	111.7	116.0	119.6	122.6	124.7	126.8	130.3	132.9
67.5°	107.7	117.3	125.0	131.0	135.8	140.2	143.6	145.8	146.8	150.3	153.3
65°	125.9	136.1	144.6	151.4	156.2	161.7	165.5	167.3	167.9	171.8	175.5
62.5°	144.4	155.6	165.0	172.7	179.0	184.2	188.4	190.9	191.3	194.1	198.3
60°	164.1	175.6	186.7	196.1	202.8	208.1	212.7	215.3	215.8	217.0	221.8
57.5°	184.6	197.0	210.1	220.6	228.3	232.8	237.8	240.7	241.8	241.1	246.0
55°	206.9	219.9	234.6	246.8	255.1	259.2	263.9	268.0	269.4	268.4	271.3
52.5°	232.2	245.1	260.9	274.3	283.6	288.4	291.8	296.6	298.8	297.8	297.2
50°	258.9	275.1	288.1	303.5	314.6	321.0	321.1	327.1	330.0	329.1	325.1
47.5°	289.0	307.3	317.1	334.7	349.3	356.8	357.2	359.6	363.2	364.2	360.7
45°	321.5	343.8	354.5	370.2	386.4	395.6	398.4	394.1	400.5	402.5	400.3
42.5°	355.8	384.3	401.0	407.3	426.3	439.1	444.0	441.0	440.7	445.2	445.1
40°	395.4	428.1	453.2	459.8	469.4	487.0	497.5	496.9	485.2	493.6	495.7
37.5°	437.7	480.2	511.2	525.1	517.8	541.3	556.6	562.8	555.5	547.3	556.6
35°	482.3	536.0	577.8	601.3	602.4	601.8	625.7	638.6	639.4	624.4	627.8
32.5°	532.1	595.2	650.5	688.6	705.8	695.1	701.3	728.3	741.5	735.8	714.2
30°	585.6	663.0	730.9	784.5	823.1	834.4	808.7	829.7	859.0	870.7	861.4
27.5°	639.8	735.0	821.1	895.4	955.2	993.0	993.9	961.4	994.6	1022.8	1033.7
25°	694.8	807.0	916.7	1017.5	1107.9	1173.0	1202.9	1206.4	1160.0	1202.2	1241.5
22.5°	753.4	881.1	1011.3	1147.4	1273.4	1369.0	1441.6	1485.4	1484.0	1439.7	1474.3
20°	815.4	961.8	1113.3	1274.8	1446.7	1578.1	1699.8	1792.9	1848.9	1867.6	1831.3
17.5°	877.3	1043.2	1220.5	1412.8	1611.7	1793.8	1976.2	2124.8	2242.5	2339.1	2373.7
15°	938.5	1124.4	1328.0	1551.8	1781.5	2009.5	2244.1	2471.6	2671.9	2848.7	2953.5
12.5°	998.2	1204.5	1434.8	1690.0	1953.8	2228.2	2508.1	2785.2	3073.8	3360.2	3577.8
10°	1055.8	1282.4	1539.3	1825.9	2125.9	2446.8	2771.6	3100.6	3451.1	3788.9	4114.0
7.5°	1080.4	1333.4	1629.3	1957.5	2295.0	2662.0	3031.2	3413.0	3822.6	4216.7	4613.8
5°	1095.6	1353.6	1654.6	1996.6	2372.0	2802.5	3243.0	3716.0	4183.4	4637.1	5105.0
2.5°	1105.7	1367.5	1671.5	2012.0	2383.5	2825.6	3271.6	3762.7	4287.1	4811.7	5368.7
0°	1110.7	1374.8	1679.9	2016.7	2382.0	2833.1	3282.6	3789.3	4320.7	4854.4	5424.4
-2.5°	1105.7	1367.5	1671.5	2012.0	2383.5	2825.6	3271.6	3762.7	4287.1	4811.7	5368.7
-5°	1095.6	1353.6	1654.6	1996.6	2372.0	2802.5	3243.0	3716.0	4183.4	4637.1	5105.0
-7.5°	1080.4	1333.4	1629.3	1957.5	2295.0	2662.0	3031.2	3413.0	3822.6	4216.7	4613.8
-10°	1055.8	1282.4	1539.3	1825.9	2125.9	2446.8	2771.6	3100.6	3451.1	3788.9	4114.0
-12.5°	998.2	1204.5	1434.8	1690.0	1953.8	2228.2	2508.1	2785.2	3073.8	3360.2	3577.8
-15°	938.5	1124.4	1328.0	1551.8	1781.5	2009.5	2244.1	2471.6	2671.9	2848.7	2953.5
-17.5°	877.3	1043.2	1220.5	1412.8	1611.7	1793.8	1976.2	2124.8	2242.5	2339.1	2373.7
-20°	815.4	961.8	1113.3	1274.8	1446.7	1578.1	1699.8	1792.9	1848.9	1867.6	1831.3



REPORT NUMBER: P558662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	753.4	881.1	1011.3	1147.4	1273.4	1369.0	1441.6	1485.4	1484.0	1439.7	1474.3
-25°	694.8	807.0	916.7	1017.5	1107.9	1173.0	1202.9	1206.4	1160.0	1202.2	1241.5
-27.5°	639.8	735.0	821.1	895.4	955.2	993.0	993.9	961.4	994.6	1022.8	1033.7
-30°	585.6	663.0	730.9	784.5	823.1	834.4	808.7	829.7	859.0	870.7	861.4
-32.5°	532.1	595.2	650.5	688.6	705.8	695.1	701.3	728.3	741.5	735.8	714.2
-35°	482.3	536.0	577.8	601.3	602.4	601.8	625.7	638.6	639.4	624.4	627.8
-37.5°	437.7	480.2	511.2	525.1	517.8	541.3	556.6	562.8	555.5	547.3	556.6
-40°	395.4	428.1	453.2	459.8	469.4	487.0	497.5	496.9	485.2	493.6	495.7
-42.5°	355.8	384.3	401.0	407.3	426.3	439.1	444.0	441.0	440.7	445.2	445.1
-45°	321.5	343.8	354.5	370.2	386.4	395.6	398.4	394.1	400.5	402.5	400.3
-47.5°	289.0	307.3	317.1	334.7	349.3	356.8	357.2	359.6	363.2	364.2	360.7
-50°	258.9	275.1	288.1	303.5	314.6	321.0	321.1	327.1	330.0	329.1	325.1
-52.5°	232.2	245.1	260.9	274.3	283.6	288.4	291.8	296.6	298.8	297.8	297.2
-55°	206.9	219.9	234.6	246.8	255.1	259.2	263.9	268.0	269.4	268.4	271.3
-57.5°	184.6	197.0	210.1	220.6	228.3	232.8	237.8	240.7	241.8	241.1	246.0
-60°	164.1	175.6	186.7	196.1	202.8	208.1	212.7	215.3	215.8	217.0	221.8
-62.5°	144.4	155.6	165.0	172.7	179.0	184.2	188.4	190.9	191.3	194.1	198.3
-65°	125.9	136.1	144.6	151.4	156.2	161.7	165.5	167.3	167.9	171.8	175.5
-67.5°	107.7	117.3	125.0	131.0	135.8	140.2	143.6	145.8	146.8	150.3	153.3
-70°	92.3	99.0	106.0	111.7	116.0	119.6	122.6	124.7	126.8	130.3	132.9
-72.5°	77.5	83.3	88.4	92.8	96.9	100.0	102.3	103.8	106.1	109.6	112.4
-75°	63.4	67.7	72.0	75.8	78.8	81.0	82.7	84.0	86.4	89.3	91.8
-77.5°	49.8	53.4	56.5	59.2	61.4	63.3	64.7	65.5	67.5	69.8	71.7
-80°	36.8	39.1	41.5	43.6	45.7	47.2	48.2	48.5	49.8	51.4	53.0
-82.5°	24.6	26.7	28.3	29.5	30.9	32.2	33.3	34.2	35.1	36.0	36.8
-85°	13.4	14.3	15.8	17.1	18.2	19.2	20.1	20.8	21.6	22.2	22.7
-87.5°	6.7	7.1	7.6	8.0	8.3	8.7	9.0	9.3	9.7	10.0	10.4
-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: P558662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-930-U-NAT-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°	10.7	10.6	10.4	10.1	9.8	9.8	9.8	9.7	9.7	9.6	9.5
85°	23.0	23.4	23.8	24.2	24.6	25.0	25.4	25.6	25.8	25.8	25.7
82.5°	37.5	38.7	40.0	41.1	42.2	42.8	43.3	43.6	43.7	44.1	44.3
80°	54.4	56.2	57.9	59.3	60.5	61.3	62.0	62.6	63.0	63.4	63.7
77.5°	73.6	75.6	77.6	79.3	80.7	82.1	83.3	84.2	84.9	86.0	87.0
75°	93.9	96.2	98.7	100.8	102.7	104.8	106.8	108.6	110.3	111.7	112.7
72.5°	114.5	117.0	119.9	122.7	125.3	128.0	130.7	133.1	135.1	137.0	138.8
70°	134.9	137.1	141.0	144.7	148.1	151.4	154.7	157.6	160.2	162.7	164.9
67.5°	155.9	158.3	163.0	167.3	171.2	174.8	178.6	181.9	184.9	187.5	189.8
65°	178.3	180.4	185.6	190.3	194.3	197.7	201.8	205.5	208.8	211.7	214.1
62.5°	201.5	203.6	207.9	212.5	216.3	219.6	224.4	228.6	232.1	235.1	237.5
60°	225.1	226.9	230.1	235.2	239.5	243.1	247.3	251.4	254.8	257.7	260.3
57.5°	249.5	251.3	252.9	258.0	262.2	265.4	269.1	273.1	276.4	279.1	281.8
55°	274.7	276.2	275.7	280.4	284.3	286.9	289.7	293.9	297.2	299.6	302.0
52.5°	300.5	302.2	301.1	303.0	307.3	309.7	310.9	315.4	318.8	320.9	323.2
50°	329.3	330.6	329.6	328.5	332.6	335.1	335.7	339.4	342.4	344.1	345.7
47.5°	360.5	362.1	361.3	356.8	360.5	363.6	363.7	365.2	368.4	369.7	370.6
45°	394.4	397.6	396.9	393.8	393.3	396.5	396.2	394.9	398.6	400.2	400.7
42.5°	438.9	437.8	438.8	437.0	431.4	435.0	435.5	430.9	435.5	437.5	436.3
40°	493.3	483.3	488.8	488.0	482.8	482.0	484.8	481.1	481.8	484.7	482.5
37.5°	558.1	551.0	548.0	550.4	548.9	542.2	547.6	546.3	542.0	546.8	544.7
35°	637.8	635.7	619.7	629.4	631.5	625.1	626.9	629.7	620.5	627.7	627.0
32.5°	731.1	735.8	732.3	726.4	735.5	736.6	726.1	738.7	733.6	735.4	740.4
30°	836.7	860.9	872.7	862.2	867.8	879.1	873.9	882.7	886.9	880.4	892.8
27.5°	1021.2	1012.6	1040.9	1053.1	1040.0	1060.6	1075.5	1068.8	1090.7	1077.8	1096.3
25°	1255.7	1243.0	1250.6	1291.2	1300.3	1289.8	1331.9	1336.8	1354.2	1356.3	1369.2
22.5°	1531.1	1561.6	1558.1	1570.4	1621.5	1638.5	1654.1	1694.6	1685.3	1722.0	1728.4
20°	1839.1	1915.7	1968.5	1979.6	2001.4	2060.1	2087.1	2119.0	2140.4	2175.2	2204.6
17.5°	2360.1	2320.8	2424.4	2489.5	2523.6	2535.9	2606.6	2629.6	2682.7	2713.1	2743.2
15°	3029.1	3052.0	3005.2	3067.3	3172.0	3207.4	3166.7	3261.6	3288.3	3339.4	3348.5
12.5°	3744.1	3859.9	3916.6	3932.1	3877.3	4026.3	4086.0	4011.1	4096.0	4080.7	4150.7
10°	4426.4	4707.6	4876.0	4994.4	5066.4	5109.7	5152.8	5230.3	5231.6	5289.0	5255.5
7.5°	4986.5	5343.1	5683.7	6014.2	6278.4	6426.6	6543.0	6654.6	6803.5	6874.8	6921.1
5°	5534.5	5945.9	6353.5	6754.0	7116.8	7465.7	7807.8	8104.5	8261.7	8445.4	8609.2
2.5°	5889.0	6409.3	6929.8	7445.4	7864.6	8249.1	8605.1	8935.7	9225.7	9494.1	9720.7
0°	5958.1	6540.5	7083.5	7597.9	8069.8	8544.8	8959.6	9333.4	9649.3	9934.3	10126.6
-2.5°	5889.0	6409.3	6929.8	7445.4	7864.6	8249.1	8605.1	8935.7	9225.7	9494.1	9720.7
-5°	5534.5	5945.9	6353.5	6754.0	7116.8	7465.7	7807.8	8104.5	8261.7	8445.4	8609.2
-7.5°	4986.5	5343.1	5683.7	6014.2	6278.4	6426.6	6543.0	6654.6	6803.5	6874.8	6921.1
-10°	4426.4	4707.6	4876.0	4994.4	5066.4	5109.7	5152.8	5230.3	5231.6	5289.0	5255.5
-12.5°	3744.1	3859.9	3916.6	3932.1	3877.3	4026.3	4086.0	4011.1	4096.0	4080.7	4150.7
-15°	3029.1	3052.0	3005.2	3067.3	3172.0	3207.4	3166.7	3261.6	3288.3	3339.4	3348.5
-17.5°	2360.1	2320.8	2424.4	2489.5	2523.6	2535.9	2606.6	2629.6	2682.7	2713.1	2743.2
-20°	1839.1	1915.7	1968.5	1979.6	2001.4	2060.1	2087.1	2119.0	2140.4	2175.2	2204.6



REPORT NUMBER: P558662 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1531.1	1561.6	1558.1	1570.4	1621.5	1638.5	1654.1	1694.6	1685.3	1722.0	1728.4
-25°	1255.7	1243.0	1250.6	1291.2	1300.3	1289.8	1331.9	1336.8	1354.2	1356.3	1369.2
-27.5°	1021.2	1012.6	1040.9	1053.1	1040.0	1060.6	1075.5	1068.8	1090.7	1077.8	1096.3
-30°	836.7	860.9	872.7	862.2	867.8	879.1	873.9	882.7	886.9	880.4	892.8
-32.5°	731.1	735.8	732.3	726.4	735.5	736.6	726.1	738.7	733.6	735.4	740.4
-35°	637.8	635.7	619.7	629.4	631.5	625.1	626.9	629.7	620.5	627.7	627.0
-37.5°	558.1	551.0	548.0	550.4	548.9	542.2	547.6	546.3	542.0	546.8	544.7
-40°	493.3	483.3	488.8	488.0	482.8	482.0	484.8	481.1	481.8	484.7	482.5
-42.5°	438.9	437.8	438.8	437.0	431.4	435.0	435.5	430.9	435.5	437.5	436.3
-45°	394.4	397.6	396.9	393.8	393.3	396.5	396.2	394.9	398.6	400.2	400.7
-47.5°	360.5	362.1	361.3	356.8	360.5	363.6	363.7	365.2	368.4	369.7	370.6
-50°	329.3	330.6	329.6	328.5	332.6	335.1	335.7	339.4	342.4	344.1	345.7
-52.5°	300.5	302.2	301.1	303.0	307.3	309.7	310.9	315.4	318.8	320.9	323.2
-55°	274.7	276.2	275.7	280.4	284.3	286.9	289.7	293.9	297.2	299.6	302.0
-57.5°	249.5	251.3	252.9	258.0	262.2	265.4	269.1	273.1	276.4	279.1	281.8
-60°	225.1	226.9	230.1	235.2	239.5	243.1	247.3	251.4	254.8	257.7	260.3
-62.5°	201.5	203.6	207.9	212.5	216.3	219.6	224.4	228.6	232.1	235.1	237.5
-65°	178.3	180.4	185.6	190.3	194.3	197.7	201.8	205.5	208.8	211.7	214.1
-67.5°	155.9	158.3	163.0	167.3	171.2	174.8	178.6	181.9	184.9	187.5	189.8
-70°	134.9	137.1	141.0	144.7	148.1	151.4	154.7	157.6	160.2	162.7	164.9
-72.5°	114.5	117.0	119.9	122.7	125.3	128.0	130.7	133.1	135.1	137.0	138.8
-75°	93.9	96.2	98.7	100.8	102.7	104.8	106.8	108.6	110.3	111.7	112.7
-77.5°	73.6	75.6	77.6	79.3	80.7	82.1	83.3	84.2	84.9	86.0	87.0
-80°	54.4	56.2	57.9	59.3	60.5	61.3	62.0	62.6	63.0	63.4	63.7
-82.5°	37.5	38.7	40.0	41.1	42.2	42.8	43.3	43.6	43.7	44.1	44.3
-85°	23.0	23.4	23.8	24.2	24.6	25.0	25.4	25.6	25.8	25.8	25.7
-87.5°	10.7	10.6	10.4	10.1	9.8	9.8	9.8	9.7	9.7	9.6	9.5
-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: P558662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-930-U-NAT-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°	9.4	9.3	9.6	10.0	9.6	9.3	9.4	9.5	9.6	9.7	9.7
85°	25.6	25.4	25.9	26.3	25.9	25.4	25.6	25.7	25.8	25.8	25.6
82.5°	44.5	44.6	44.7	44.8	44.7	44.6	44.5	44.3	44.1	43.7	43.6
80°	63.8	63.8	63.6	63.3	63.6	63.8	63.8	63.7	63.4	63.0	62.6
77.5°	87.7	88.3	88.7	88.8	88.7	88.3	87.7	87.0	86.0	84.9	84.2
75°	113.4	113.7	113.8	113.5	113.8	113.7	113.4	112.7	111.7	110.3	108.6
72.5°	140.2	141.3	141.5	141.3	141.5	141.3	140.2	138.8	137.0	135.1	133.1
70°	166.8	168.3	168.2	167.6	168.2	168.3	166.8	164.9	162.7	160.2	157.6
67.5°	191.6	193.0	194.0	194.6	194.0	193.0	191.6	189.8	187.5	184.9	181.9
65°	216.1	217.6	218.4	218.6	218.4	217.6	216.1	214.1	211.7	208.8	205.5
62.5°	239.4	240.7	241.5	241.8	241.5	240.7	239.4	237.5	235.1	232.1	228.6
60°	262.3	263.7	264.0	263.4	264.0	263.7	262.3	260.3	257.7	254.8	251.4
57.5°	283.9	285.4	285.3	284.2	285.3	285.4	283.9	281.8	279.1	276.4	273.1
55°	303.8	304.9	305.3	305.1	305.3	304.9	303.8	302.0	299.6	297.2	293.9
52.5°	324.8	325.7	326.1	325.9	326.1	325.7	324.8	323.2	320.9	318.8	315.4
50°	346.8	347.0	346.9	346.8	346.9	347.0	346.8	345.7	344.1	342.4	339.4
47.5°	372.0	372.3	372.3	372.3	372.3	372.3	372.0	370.6	369.7	368.4	365.2
45°	401.7	400.9	400.1	400.1	400.1	400.9	401.7	400.7	400.2	398.6	394.9
42.5°	437.4	436.5	435.3	435.6	435.3	436.5	437.4	436.3	437.5	435.5	430.9
40°	484.4	484.1	482.6	482.0	482.6	484.1	484.4	482.5	484.7	481.8	481.1
37.5°	545.1	544.2	540.6	539.1	540.6	544.2	545.1	544.7	546.8	542.0	546.3
35°	624.8	623.6	618.3	618.7	618.3	623.6	624.8	627.0	627.7	620.5	629.7
32.5°	737.9	738.3	730.2	728.4	730.2	738.3	737.9	740.4	735.4	733.6	738.7
30°	885.0	888.3	878.7	882.8	878.7	888.3	885.0	892.8	880.4	886.9	882.7
27.5°	1095.9	1102.1	1093.6	1086.7	1093.6	1102.1	1095.9	1096.3	1077.8	1090.7	1068.8
25°	1386.1	1390.7	1381.0	1372.5	1381.0	1390.7	1386.1	1369.2	1356.3	1354.2	1336.8
22.5°	1763.8	1763.5	1763.0	1776.5	1763.0	1763.5	1763.8	1728.4	1722.0	1685.3	1694.6
20°	2223.5	2212.4	2229.1	2239.9	2229.1	2212.4	2223.5	2204.6	2175.2	2140.4	2119.0
17.5°	2750.2	2771.1	2787.1	2813.8	2787.1	2771.1	2750.2	2743.2	2713.1	2682.7	2629.6
15°	3371.1	3402.6	3418.7	3410.0	3418.7	3402.6	3371.1	3348.5	3339.4	3288.3	3261.6
12.5°	4153.1	4190.7	4163.0	4128.4	4163.0	4190.7	4153.1	4150.7	4080.7	4096.0	4011.1
10°	5255.9	5336.9	5341.4	5273.8	5341.4	5336.9	5255.9	5255.5	5289.0	5231.6	5230.3
7.5°	6948.1	6987.4	7047.2	7050.3	7047.2	6987.4	6948.1	6921.1	6874.8	6803.5	6654.6
5°	8683.5	8788.3	8855.9	8972.7	8855.9	8788.3	8683.5	8609.2	8445.4	8261.7	8104.5
2.5°	9867.0	10002.5	10054.5	10186.9	10054.5	10002.5	9867.0	9720.7	9494.1	9225.7	8935.7
0°	10298.1	10407.8	10473.4	10526.0	10473.4	10407.8	10298.1	10126.6	9934.3	9649.3	9333.4
-2.5°	9867.0	10002.5	10054.5	10186.9	10054.5	10002.5	9867.0	9720.7	9494.1	9225.7	8935.7
-5°	8683.5	8788.3	8855.9	8972.7	8855.9	8788.3	8683.5	8609.2	8445.4	8261.7	8104.5
-7.5°	6948.1	6987.4	7047.2	7050.3	7047.2	6987.4	6948.1	6921.1	6874.8	6803.5	6654.6
-10°	5255.9	5336.9	5341.4	5273.8	5341.4	5336.9	5255.9	5255.5	5289.0	5231.6	5230.3
-12.5°	4153.1	4190.7	4163.0	4128.4	4163.0	4190.7	4153.1	4150.7	4080.7	4096.0	4011.1
-15°	3371.1	3402.6	3418.7	3410.0	3418.7	3402.6	3371.1	3348.5	3339.4	3288.3	3261.6
-17.5°	2750.2	2771.1	2787.1	2813.8	2787.1	2771.1	2750.2	2743.2	2713.1	2682.7	2629.6
-20°	2223.5	2212.4	2229.1	2239.9	2229.1	2212.4	2223.5	2204.6	2175.2	2140.4	2119.0



REPORT NUMBER: P558662 (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°	1763.8	1763.5	1763.0	1776.5	1763.0	1763.5	1763.8	1728.4	1722.0	1685.3	1694.6
-25°	1386.1	1390.7	1381.0	1372.5	1381.0	1390.7	1386.1	1369.2	1356.3	1354.2	1336.8
-27.5°	1095.9	1102.1	1093.6	1086.7	1093.6	1102.1	1095.9	1096.3	1077.8	1090.7	1068.8
-30°	885.0	888.3	878.7	882.8	878.7	888.3	885.0	892.8	880.4	886.9	882.7
-32.5°	737.9	738.3	730.2	728.4	730.2	738.3	737.9	740.4	735.4	733.6	738.7
-35°	624.8	623.6	618.3	618.7	618.3	623.6	624.8	627.0	627.7	620.5	629.7
-37.5°	545.1	544.2	540.6	539.1	540.6	544.2	545.1	544.7	546.8	542.0	546.3
-40°	484.4	484.1	482.6	482.0	482.6	484.1	484.4	482.5	484.7	481.8	481.1
-42.5°	437.4	436.5	435.3	435.6	435.3	436.5	437.4	436.3	437.5	435.5	430.9
-45°	401.7	400.9	400.1	400.1	400.1	400.9	401.7	400.7	400.2	398.6	394.9
-47.5°	372.0	372.3	372.3	372.3	372.3	372.3	372.0	370.6	369.7	368.4	365.2
-50°	346.8	347.0	346.9	346.8	346.9	347.0	346.8	345.7	344.1	342.4	339.4
-52.5°	324.8	325.7	326.1	325.9	326.1	325.7	324.8	323.2	320.9	318.8	315.4
-55°	303.8	304.9	305.3	305.1	305.3	304.9	303.8	302.0	299.6	297.2	293.9
-57.5°	283.9	285.4	285.3	284.2	285.3	285.4	283.9	281.8	279.1	276.4	273.1
-60°	262.3	263.7	264.0	263.4	264.0	263.7	262.3	260.3	257.7	254.8	251.4
-62.5°	239.4	240.7	241.5	241.8	241.5	240.7	239.4	237.5	235.1	232.1	228.6
-65°	216.1	217.6	218.4	218.6	218.4	217.6	216.1	214.1	211.7	208.8	205.5
-67.5°	191.6	193.0	194.0	194.6	194.0	193.0	191.6	189.8	187.5	184.9	181.9
-70°	166.8	168.3	168.2	167.6	168.2	168.3	166.8	164.9	162.7	160.2	157.6
-72.5°	140.2	141.3	141.5	141.3	141.5	141.3	140.2	138.8	137.0	135.1	133.1
-75°	113.4	113.7	113.8	113.5	113.8	113.7	113.4	112.7	111.7	110.3	108.6
-77.5°	87.7	88.3	88.7	88.8	88.7	88.3	87.7	87.0	86.0	84.9	84.2
-80°	63.8	63.8	63.6	63.3	63.6	63.8	63.8	63.7	63.4	63.0	62.6
-82.5°	44.5	44.6	44.7	44.8	44.7	44.6	44.5	44.3	44.1	43.7	43.6
-85°	25.6	25.4	25.9	26.3	25.9	25.4	25.6	25.7	25.8	25.8	25.6
-87.5°	9.4	9.3	9.6	10.0	9.6	9.3	9.4	9.5	9.6	9.7	9.7
-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: P558662 (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°	9.8	9.8	9.8	10.1	10.4	10.6	10.7	10.4	10.0	9.7	9.3
85°	25.4	25.0	24.6	24.2	23.8	23.4	23.0	22.7	22.2	21.6	20.8
82.5°	43.3	42.8	42.2	41.1	40.0	38.7	37.5	36.8	36.0	35.1	34.2
80°	62.0	61.3	60.5	59.3	57.9	56.2	54.4	53.0	51.4	49.8	48.5
77.5°	83.3	82.1	80.7	79.3	77.6	75.6	73.6	71.7	69.8	67.5	65.5
75°	106.8	104.8	102.7	100.8	98.7	96.2	93.9	91.8	89.3	86.4	84.0
72.5°	130.7	128.0	125.3	122.7	119.9	117.0	114.5	112.4	109.6	106.1	103.8
70°	154.7	151.4	148.1	144.7	141.0	137.1	134.9	132.9	130.3	126.8	124.7
67.5°	178.6	174.8	171.2	167.3	163.0	158.3	155.9	153.3	150.3	146.8	145.8
65°	201.8	197.7	194.3	190.3	185.6	180.4	178.3	175.5	171.8	167.9	167.3
62.5°	224.4	219.6	216.3	212.5	207.9	203.6	201.5	198.3	194.1	191.3	190.9
60°	247.3	243.1	239.5	235.2	230.1	226.9	225.1	221.8	217.0	215.8	215.3
57.5°	269.1	265.4	262.2	258.0	252.9	251.3	249.5	246.0	241.1	241.8	240.7
55°	289.7	286.9	284.3	280.4	275.7	276.2	274.7	271.3	268.4	269.4	268.0
52.5°	310.9	309.7	307.3	303.0	301.1	302.2	300.5	297.2	297.8	298.8	296.6
50°	335.7	335.1	332.6	328.5	329.6	330.6	329.3	325.1	329.1	330.0	327.1
47.5°	363.7	363.6	360.5	356.8	361.3	362.1	360.5	360.7	364.2	363.2	359.6
45°	396.2	396.5	393.3	393.8	396.9	397.6	394.4	400.3	402.5	400.5	394.1
42.5°	435.5	435.0	431.4	437.0	438.8	437.8	438.9	445.1	445.2	440.7	441.0
40°	484.8	482.0	482.8	488.0	488.8	483.3	493.3	495.7	493.6	485.2	496.9
37.5°	547.6	542.2	548.9	550.4	548.0	551.0	558.1	556.6	547.3	555.5	562.8
35°	626.9	625.1	631.5	629.4	619.7	635.7	637.8	627.8	624.4	639.4	638.6
32.5°	726.1	736.6	735.5	726.4	732.3	735.8	731.1	714.2	735.8	741.5	728.3
30°	873.9	879.1	867.8	862.2	872.7	860.9	836.7	861.4	870.7	859.0	829.7
27.5°	1075.5	1060.6	1040.0	1053.1	1040.9	1012.6	1021.2	1033.7	1022.8	994.6	961.4
25°	1331.9	1289.8	1300.3	1291.2	1250.6	1243.0	1255.7	1241.5	1202.2	1160.0	1206.4
22.5°	1654.1	1638.5	1621.5	1570.4	1558.1	1561.6	1531.1	1474.3	1439.7	1484.0	1485.4
20°	2087.1	2060.1	2001.4	1979.6	1968.5	1915.7	1839.1	1831.3	1867.6	1848.9	1792.9
17.5°	2606.6	2535.9	2523.6	2489.5	2424.4	2320.8	2360.1	2373.7	2339.1	2242.5	2124.8
15°	3166.7	3207.4	3172.0	3067.3	3005.2	3052.0	3029.1	2953.5	2848.7	2671.9	2471.6
12.5°	4086.0	4026.3	3877.3	3932.1	3916.6	3859.9	3744.1	3577.8	3360.2	3073.8	2785.2
10°	5152.8	5109.7	5066.4	4994.4	4876.0	4707.6	4426.4	4114.0	3788.9	3451.1	3100.6
7.5°	6543.0	6426.6	6278.4	6014.2	5683.7	5343.1	4986.5	4613.8	4216.7	3822.6	3413.0
5°	7807.8	7465.7	7116.8	6754.0	6353.5	5945.9	5534.5	5105.0	4637.1	4183.4	3716.0
2.5°	8605.1	8249.1	7864.6	7445.4	6929.8	6409.3	5889.0	5368.7	4811.7	4287.1	3762.7
0°	8959.6	8544.8	8069.8	7597.9	7083.5	6540.5	5958.1	5424.4	4854.4	4320.7	3789.3
-2.5°	8605.1	8249.1	7864.6	7445.4	6929.8	6409.3	5889.0	5368.7	4811.7	4287.1	3762.7
-5°	7807.8	7465.7	7116.8	6754.0	6353.5	5945.9	5534.5	5105.0	4637.1	4183.4	3716.0
-7.5°	6543.0	6426.6	6278.4	6014.2	5683.7	5343.1	4986.5	4613.8	4216.7	3822.6	3413.0
-10°	5152.8	5109.7	5066.4	4994.4	4876.0	4707.6	4426.4	4114.0	3788.9	3451.1	3100.6
-12.5°	4086.0	4026.3	3877.3	3932.1	3916.6	3859.9	3744.1	3577.8	3360.2	3073.8	2785.2
-15°	3166.7	3207.4	3172.0	3067.3	3005.2	3052.0	3029.1	2953.5	2848.7	2671.9	2471.6
-17.5°	2606.6	2535.9	2523.6	2489.5	2424.4	2320.8	2360.1	2373.7	2339.1	2242.5	2124.8
-20°	2087.1	2060.1	2001.4	1979.6	1968.5	1915.7	1839.1	1831.3	1867.6	1848.9	1792.9



REPORT NUMBER: P558662 (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°
-22.5°	1654.1	1638.5	1621.5	1570.4	1558.1	1561.6	1531.1	1474.3	1439.7	1484.0	1485.4
-25°	1331.9	1289.8	1300.3	1291.2	1250.6	1243.0	1255.7	1241.5	1202.2	1160.0	1206.4
-27.5°	1075.5	1060.6	1040.0	1053.1	1040.9	1012.6	1021.2	1033.7	1022.8	994.6	961.4
-30°	873.9	879.1	867.8	862.2	872.7	860.9	836.7	861.4	870.7	859.0	829.7
-32.5°	726.1	736.6	735.5	726.4	732.3	735.8	731.1	714.2	735.8	741.5	728.3
-35°	626.9	625.1	631.5	629.4	619.7	635.7	637.8	627.8	624.4	639.4	638.6
-37.5°	547.6	542.2	548.9	550.4	548.0	551.0	558.1	556.6	547.3	555.5	562.8
-40°	484.8	482.0	482.8	488.0	488.8	483.3	493.3	495.7	493.6	485.2	496.9
-42.5°	435.5	435.0	431.4	437.0	438.8	437.8	438.9	445.1	445.2	440.7	441.0
-45°	396.2	396.5	393.3	393.8	396.9	397.6	394.4	400.3	402.5	400.5	394.1
-47.5°	363.7	363.6	360.5	356.8	361.3	362.1	360.5	360.7	364.2	363.2	359.6
-50°	335.7	335.1	332.6	328.5	329.6	330.6	329.3	325.1	329.1	330.0	327.1
-52.5°	310.9	309.7	307.3	303.0	301.1	302.2	300.5	297.2	297.8	298.8	296.6
-55°	289.7	286.9	284.3	280.4	275.7	276.2	274.7	271.3	268.4	269.4	268.0
-57.5°	269.1	265.4	262.2	258.0	252.9	251.3	249.5	246.0	241.1	241.8	240.7
-60°	247.3	243.1	239.5	235.2	230.1	226.9	225.1	221.8	217.0	215.8	215.3
-62.5°	224.4	219.6	216.3	212.5	207.9	203.6	201.5	198.3	194.1	191.3	190.9
-65°	201.8	197.7	194.3	190.3	185.6	180.4	178.3	175.5	171.8	167.9	167.3
-67.5°	178.6	174.8	171.2	167.3	163.0	158.3	155.9	153.3	150.3	146.8	145.8
-70°	154.7	151.4	148.1	144.7	141.0	137.1	134.9	132.9	130.3	126.8	124.7
-72.5°	130.7	128.0	125.3	122.7	119.9	117.0	114.5	112.4	109.6	106.1	103.8
-75°	106.8	104.8	102.7	100.8	98.7	96.2	93.9	91.8	89.3	86.4	84.0
-77.5°	83.3	82.1	80.7	79.3	77.6	75.6	73.6	71.7	69.8	67.5	65.5
-80°	62.0	61.3	60.5	59.3	57.9	56.2	54.4	53.0	51.4	49.8	48.5
-82.5°	43.3	42.8	42.2	41.1	40.0	38.7	37.5	36.8	36.0	35.1	34.2
-85°	25.4	25.0	24.6	24.2	23.8	23.4	23.0	22.7	22.2	21.6	20.8
-87.5°	9.8	9.8	9.8	10.1	10.4	10.6	10.7	10.4	10.0	9.7	9.3
-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: P558662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-930-U-NAT-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°	9.0	8.7	8.3	8.0	7.6	7.1	6.7	6.2	5.8	5.3	4.8
85°	20.1	19.2	18.2	17.1	15.8	14.3	13.4	12.4	11.5	10.6	9.5
82.5°	33.3	32.2	30.9	29.5	28.3	26.7	24.6	22.1	19.3	16.2	14.3
80°	48.2	47.2	45.7	43.6	41.5	39.1	36.8	33.8	30.3	26.3	21.9
77.5°	64.7	63.3	61.4	59.2	56.5	53.4	49.8	45.8	41.2	36.4	31.1
75°	82.7	81.0	78.8	75.8	72.0	67.7	63.4	58.6	53.1	46.6	40.2
72.5°	102.3	100.0	96.9	92.8	88.4	83.3	77.5	71.4	65.3	58.0	49.7
70°	122.6	119.6	116.0	111.7	106.0	99.0	92.3	85.5	77.5	69.4	60.1
67.5°	143.6	140.2	135.8	131.0	125.0	117.3	107.7	100.0	91.5	80.9	70.5
65°	165.5	161.7	156.2	151.4	144.6	136.1	125.9	115.6	105.5	94.1	80.9
62.5°	188.4	184.2	179.0	172.7	165.0	155.6	144.4	133.4	120.2	107.4	92.6
60°	212.7	208.1	202.8	196.1	186.7	175.6	164.1	151.3	136.9	120.7	104.7
57.5°	237.8	232.8	228.3	220.6	210.1	197.0	184.6	170.6	153.7	135.6	116.9
55°	263.9	259.2	255.1	246.8	234.6	219.9	206.9	191.0	171.0	150.9	129.0
52.5°	291.8	288.4	283.6	274.3	260.9	245.1	232.2	212.0	190.7	166.1	142.5
50°	321.1	321.0	314.6	303.5	288.1	275.1	258.9	236.9	210.7	182.2	156.3
47.5°	357.2	356.8	349.3	334.7	317.1	307.3	289.0	263.2	231.0	200.6	170.2
45°	398.4	395.6	386.4	370.2	354.5	343.8	321.5	290.3	255.7	219.5	184.1
42.5°	444.0	439.1	426.3	407.3	401.0	384.3	355.8	321.3	281.1	238.3	199.5
40°	497.5	487.0	469.4	459.8	453.2	428.1	395.4	353.8	306.9	258.4	215.8
37.5°	556.6	541.3	517.8	525.1	511.2	480.2	437.7	387.5	334.0	281.2	231.9
35°	625.7	601.8	602.4	601.3	577.8	536.0	482.3	423.9	364.0	303.9	247.7
32.5°	701.3	695.1	705.8	688.6	650.5	595.2	532.1	464.0	394.4	326.4	263.3
30°	808.7	834.4	823.1	784.5	730.9	663.0	585.6	505.0	425.1	348.7	279.4
27.5°	993.9	993.0	955.2	895.4	821.1	735.0	639.8	546.7	455.9	372.1	297.5
25°	1202.9	1173.0	1107.9	1017.5	916.7	807.0	694.8	589.1	489.4	397.2	315.2
22.5°	1441.6	1369.0	1273.4	1147.4	1011.3	881.1	753.4	635.4	524.0	421.9	332.2
20°	1699.8	1578.1	1446.7	1274.8	1113.3	961.8	815.4	681.4	558.2	446.0	348.5
17.5°	1976.2	1793.8	1611.7	1412.8	1220.5	1043.2	877.3	726.5	591.6	469.2	364.0
15°	2244.1	2009.5	1781.5	1551.8	1328.0	1124.4	938.5	770.5	623.9	491.5	376.3
12.5°	2508.1	2228.2	1953.8	1690.0	1434.8	1204.5	998.2	813.0	654.9	507.4	384.2
10°	2771.6	2446.8	2125.9	1825.9	1539.3	1282.4	1055.8	846.1	669.6	517.6	390.8
7.5°	3031.2	2662.0	2295.0	1957.5	1629.3	1333.4	1080.4	861.1	679.2	525.9	396.0
5°	3243.0	2802.5	2372.0	1996.6	1654.6	1353.6	1095.6	872.8	685.8	532.1	399.8
2.5°	3271.6	2825.6	2383.5	2012.0	1671.5	1367.5	1105.7	880.8	689.6	536.3	402.2
0°	3282.6	2833.1	2382.0	2016.7	1679.9	1374.8	1110.7	885.1	690.5	538.3	403.2
-2.5°	3271.6	2825.6	2383.5	2012.0	1671.5	1367.5	1105.7	880.8	689.6	536.3	402.2
-5°	3243.0	2802.5	2372.0	1996.6	1654.6	1353.6	1095.6	872.8	685.8	532.1	399.8
-7.5°	3031.2	2662.0	2295.0	1957.5	1629.3	1333.4	1080.4	861.1	679.2	525.9	396.0
-10°	2771.6	2446.8	2125.9	1825.9	1539.3	1282.4	1055.8	846.1	669.6	517.6	390.8
-12.5°	2508.1	2228.2	1953.8	1690.0	1434.8	1204.5	998.2	813.0	654.9	507.4	384.2
-15°	2244.1	2009.5	1781.5	1551.8	1328.0	1124.4	938.5	770.5	623.9	491.5	376.3
-17.5°	1976.2	1793.8	1611.7	1412.8	1220.5	1043.2	877.3	726.5	591.6	469.2	364.0
-20°	1699.8	1578.1	1446.7	1274.8	1113.3	961.8	815.4	681.4	558.2	446.0	348.5



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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°	1441.6	1369.0	1273.4	1147.4	1011.3	881.1	753.4	635.4	524.0	421.9	332.2
-25°	1202.9	1173.0	1107.9	1017.5	916.7	807.0	694.8	589.1	489.4	397.2	315.2
-27.5°	993.9	993.0	955.2	895.4	821.1	735.0	639.8	546.7	455.9	372.1	297.5
-30°	808.7	834.4	823.1	784.5	730.9	663.0	585.6	505.0	425.1	348.7	279.4
-32.5°	701.3	695.1	705.8	688.6	650.5	595.2	532.1	464.0	394.4	326.4	263.3
-35°	625.7	601.8	602.4	601.3	577.8	536.0	482.3	423.9	364.0	303.9	247.7
-37.5°	556.6	541.3	517.8	525.1	511.2	480.2	437.7	387.5	334.0	281.2	231.9
-40°	497.5	487.0	469.4	459.8	453.2	428.1	395.4	353.8	306.9	258.4	215.8
-42.5°	444.0	439.1	426.3	407.3	401.0	384.3	355.8	321.3	281.1	238.3	199.5
-45°	398.4	395.6	386.4	370.2	354.5	343.8	321.5	290.3	255.7	219.5	184.1
-47.5°	357.2	356.8	349.3	334.7	317.1	307.3	289.0	263.2	231.0	200.6	170.2
-50°	321.1	321.0	314.6	303.5	288.1	275.1	258.9	236.9	210.7	182.2	156.3
-52.5°	291.8	288.4	283.6	274.3	260.9	245.1	232.2	212.0	190.7	166.1	142.5
-55°	263.9	259.2	255.1	246.8	234.6	219.9	206.9	191.0	171.0	150.9	129.0
-57.5°	237.8	232.8	228.3	220.6	210.1	197.0	184.6	170.6	153.7	135.6	116.9
-60°	212.7	208.1	202.8	196.1	186.7	175.6	164.1	151.3	136.9	120.7	104.7
-62.5°	188.4	184.2	179.0	172.7	165.0	155.6	144.4	133.4	120.2	107.4	92.6
-65°	165.5	161.7	156.2	151.4	144.6	136.1	125.9	115.6	105.5	94.1	80.9
-67.5°	143.6	140.2	135.8	131.0	125.0	117.3	107.7	100.0	91.5	80.9	70.5
-70°	122.6	119.6	116.0	111.7	106.0	99.0	92.3	85.5	77.5	69.4	60.1
-72.5°	102.3	100.0	96.9	92.8	88.4	83.3	77.5	71.4	65.3	58.0	49.7
-75°	82.7	81.0	78.8	75.8	72.0	67.7	63.4	58.6	53.1	46.6	40.2
-77.5°	64.7	63.3	61.4	59.2	56.5	53.4	49.8	45.8	41.2	36.4	31.1
-80°	48.2	47.2	45.7	43.6	41.5	39.1	36.8	33.8	30.3	26.3	21.9
-82.5°	33.3	32.2	30.9	29.5	28.3	26.7	24.6	22.1	19.3	16.2	14.3
-85°	20.1	19.2	18.2	17.1	15.8	14.3	13.4	12.4	11.5	10.6	9.5
-87.5°	9.0	8.7	8.3	8.0	7.6	7.1	6.7	6.2	5.8	5.3	4.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	4.2	3.7	3.2	2.5	1.8	0.9	0.0
85°	8.4	7.4	6.3	5.0	3.5	1.8	0.0
82.5°	12.6	11.1	9.4	7.5	5.2	2.6	0.0
80°	17.3	14.9	12.6	10.0	7.0	3.5	0.0
77.5°	25.4	19.7	15.7	12.4	8.7	4.3	0.0
75°	33.5	26.7	19.3	14.9	10.4	5.2	0.0
72.5°	41.6	33.7	25.1	17.3	12.1	6.0	0.0
70°	49.8	40.6	30.8	20.1	13.7	6.9	0.0
67.5°	59.2	47.5	36.4	24.5	15.4	7.7	0.0
65°	68.6	55.0	42.0	28.8	17.0	8.5	0.0
62.5°	77.9	63.0	47.6	33.0	18.5	9.3	0.0
60°	87.1	71.0	53.0	37.2	20.1	10.0	0.0
57.5°	97.6	78.8	59.4	41.3	22.8	10.8	0.0
55°	108.2	86.6	65.8	45.3	25.5	11.5	0.0
52.5°	118.6	94.5	72.0	49.2	28.1	12.2	0.0
50°	128.8	103.1	78.2	53.1	30.6	12.9	0.0
47.5°	139.2	111.5	84.2	57.0	33.0	13.6	0.0
45°	151.2	119.8	90.1	61.4	35.4	14.2	0.0
42.5°	163.1	127.8	95.8	65.7	37.6	14.8	0.0
40°	174.9	135.6	101.7	69.7	39.8	15.4	0.0
37.5°	186.5	143.2	107.7	73.4	41.9	15.9	0.0
35°	198.0	151.8	113.4	76.9	43.9	16.5	0.0
32.5°	209.8	160.8	118.9	80.1	45.7	17.0	0.0
30°	222.3	169.5	124.2	83.1	47.5	17.4	0.0
27.5°	234.4	177.9	128.6	85.9	49.1	17.8	0.0
25°	246.1	186.0	132.6	88.4	50.7	18.2	0.0
22.5°	257.2	193.2	136.4	90.6	52.1	18.6	0.0
20°	267.8	198.6	139.8	92.6	53.3	18.9	0.0
17.5°	275.8	203.5	142.9	94.4	54.5	19.2	0.0
15°	281.7	207.6	145.7	95.9	55.5	19.4	0.0
12.5°	286.8	211.1	148.1	97.1	56.4	19.6	0.0
10°	291.1	213.9	150.1	98.1	57.1	19.8	0.0
7.5°	294.4	216.0	151.8	98.8	57.7	19.9	0.0
5°	296.8	217.5	153.1	99.3	58.2	20.0	0.0
2.5°	298.3	218.4	154.0	99.6	58.5	20.1	0.0
0°	298.9	218.6	154.5	99.6	58.7	20.1	0.0
-2.5°	298.3	218.4	154.0	99.6	58.5	20.1	0.0
-5°	296.8	217.5	153.1	99.3	58.2	20.0	0.0
-7.5°	294.4	216.0	151.8	98.8	57.7	19.9	0.0
-10°	291.1	213.9	150.1	98.1	57.1	19.8	0.0
-12.5°	286.8	211.1	148.1	97.1	56.4	19.6	0.0
-15°	281.7	207.6	145.7	95.9	55.5	19.4	0.0
-17.5°	275.8	203.5	142.9	94.4	54.5	19.2	0.0
-20°	267.8	198.6	139.8	92.6	53.3	18.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	257.2	193.2	136.4	90.6	52.1	18.6	0.0
-25°	246.1	186.0	132.6	88.4	50.7	18.2	0.0
-27.5°	234.4	177.9	128.6	85.9	49.1	17.8	0.0
-30°	222.3	169.5	124.2	83.1	47.5	17.4	0.0
-32.5°	209.8	160.8	118.9	80.1	45.7	17.0	0.0
-35°	198.0	151.8	113.4	76.9	43.9	16.5	0.0
-37.5°	186.5	143.2	107.7	73.4	41.9	15.9	0.0
-40°	174.9	135.6	101.7	69.7	39.8	15.4	0.0
-42.5°	163.1	127.8	95.8	65.7	37.6	14.8	0.0
-45°	151.2	119.8	90.1	61.4	35.4	14.2	0.0
-47.5°	139.2	111.5	84.2	57.0	33.0	13.6	0.0
-50°	128.8	103.1	78.2	53.1	30.6	12.9	0.0
-52.5°	118.6	94.5	72.0	49.2	28.1	12.2	0.0
-55°	108.2	86.6	65.8	45.3	25.5	11.5	0.0
-57.5°	97.6	78.8	59.4	41.3	22.8	10.8	0.0
-60°	87.1	71.0	53.0	37.2	20.1	10.0	0.0
-62.5°	77.9	63.0	47.6	33.0	18.5	9.3	0.0
-65°	68.6	55.0	42.0	28.8	17.0	8.5	0.0
-67.5°	59.2	47.5	36.4	24.5	15.4	7.7	0.0
-70°	49.8	40.6	30.8	20.1	13.7	6.9	0.0
-72.5°	41.6	33.7	25.1	17.3	12.1	6.0	0.0
-75°	33.5	26.7	19.3	14.9	10.4	5.2	0.0
-77.5°	25.4	19.7	15.7	12.4	8.7	4.3	0.0
-80°	17.3	14.9	12.6	10.0	7.0	3.5	0.0
-82.5°	12.6	11.1	9.4	7.5	5.2	2.6	0.0
-85°	8.4	7.4	6.3	5.0	3.5	1.8	0.0
-87.5°	4.2	3.7	3.2	2.5	1.8	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)