

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: P559064 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-940-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559064 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA5C-940-U-TS-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (80) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

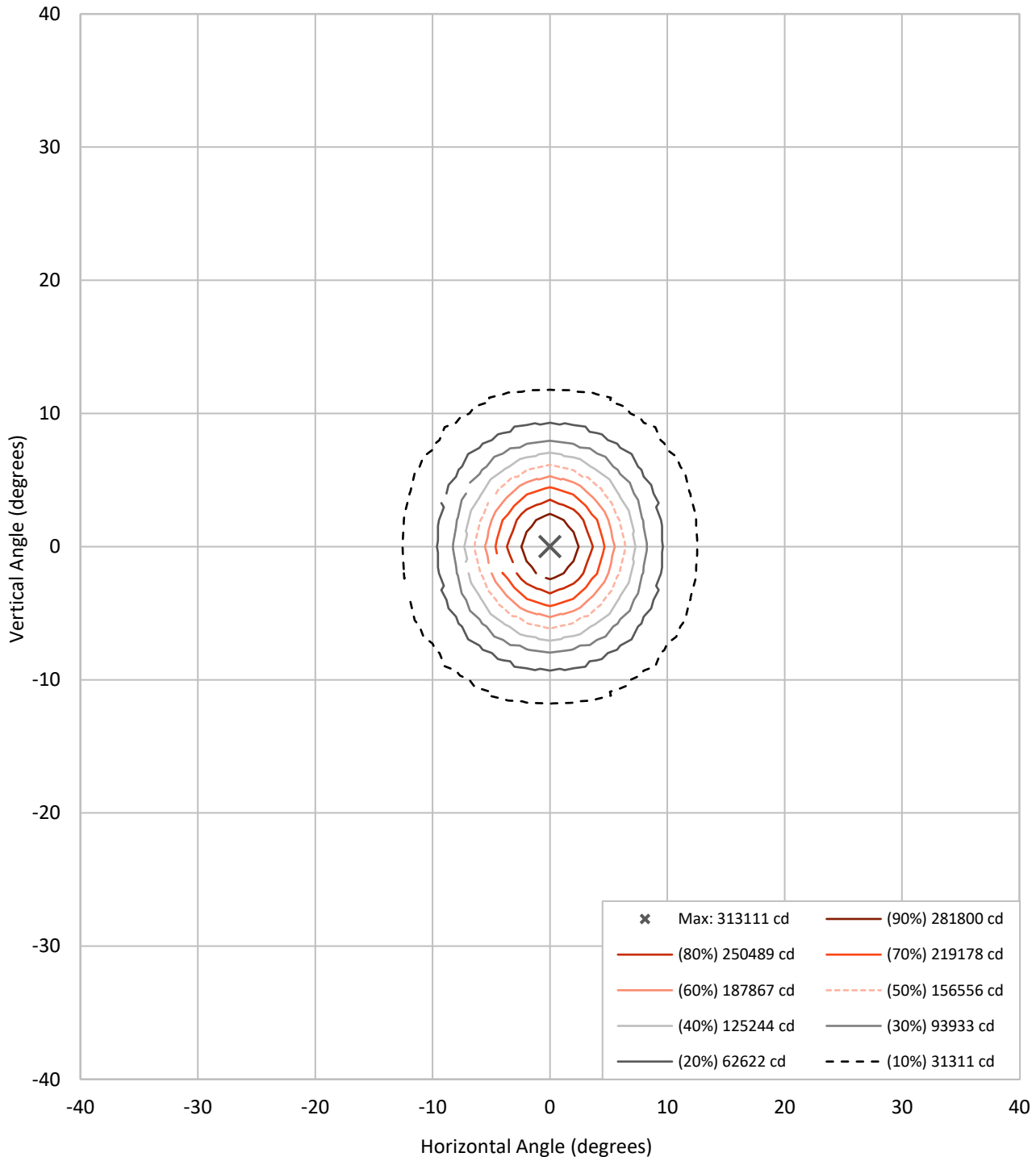
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	22696.4 lumens	Max Intensity:	313111 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	112.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	7171.7 lumens	Field Lumens:	15887.8 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 201
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





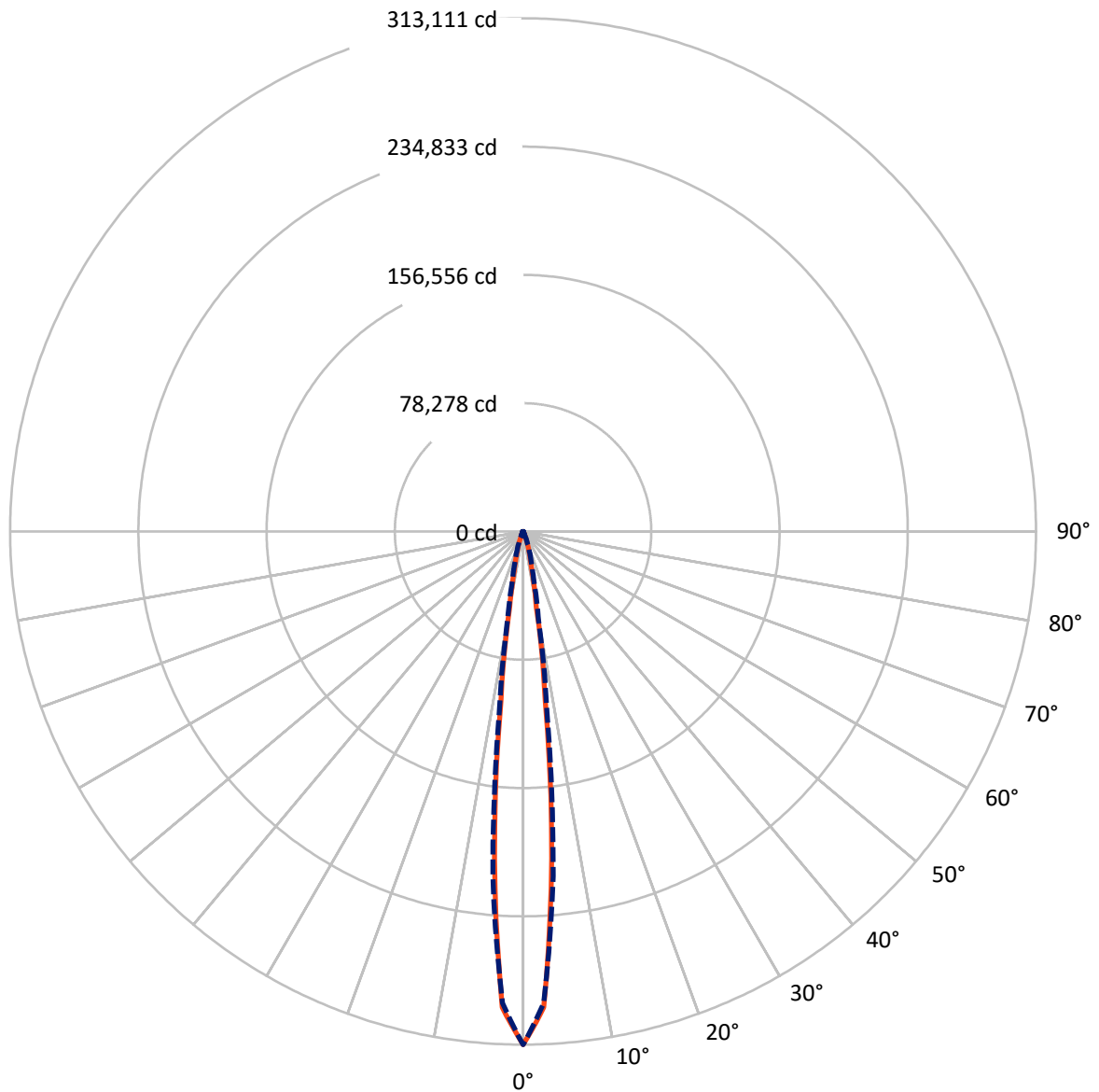
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Lumen Table

90																
80	0.3	2.6		7.3		11.7		13.6		11.7		7.3		2.6		0.3
70																
60	1.2	1.4	3.0	4.9	6.6	8.2	9.3	9.9	9.9	9.3	8.2	6.6	4.9	3.0	1.4	1.2
50		2.2	4.4	6.6	8.6	10.1	11.1	11.5	11.5	11.1	10.1	8.6	6.6	4.4	2.2	
40	2.2	2.9	5.4	7.7	9.6	11.3	12.6	13.3	13.3	12.6	11.3	9.6	7.7	5.4	2.9	2.2
30		3.4	6.0	8.4	10.7	13.8	17.3	19.5	19.5	17.3	13.8	10.7	8.4	6.0	3.4	
20	2.9	3.8	6.4	8.9	12.6	19.6	43.5	79.2	79.2	43.5	19.6	12.6	8.9	6.4	3.8	2.9
10		4.0	6.6	9.4	15.0	42.2	238.0	523.6	523.6	238.0	42.2	15.0	9.4	6.6	4.0	
0	3.2	4.1	6.6	9.7	16.6	80.9	571.3	3695.9	3695.9	571.3	80.9	16.6	9.7	6.6	4.1	3.2
-10		4.1	6.6	9.7	16.6	80.9	571.3	3695.9	3695.9	571.3	80.9	16.6	9.7	6.6	4.1	
-20	2.9	4.0	6.6	9.4	15.0	42.2	238.0	523.6	523.6	238.0	42.2	15.0	9.4	6.6	4.0	2.9
-30		3.8	6.4	8.9	12.6	19.6	43.5	79.2	79.2	43.5	19.6	12.6	8.9	6.4	3.8	
-40	2.2	3.4	6.0	8.4	10.7	13.8	17.3	19.5	19.5	17.3	13.8	10.7	8.4	6.0	3.4	2.2
-50		2.9	5.4	7.7	9.6	11.3	12.6	13.3	13.3	12.6	11.3	9.6	7.7	5.4	2.9	
-60	1.2	2.2	4.4	6.6	8.6	10.1	11.1	11.5	11.5	11.1	10.1	8.6	6.6	4.4	2.2	1.2
-70		1.4	3.0	4.9	6.6	8.2	9.3	9.9	9.9	9.3	8.2	6.6	4.9	3.0	1.4	
-80																
-90	0.3	2.6		7.3		11.7		13.6		11.7		7.3		2.6		0.3

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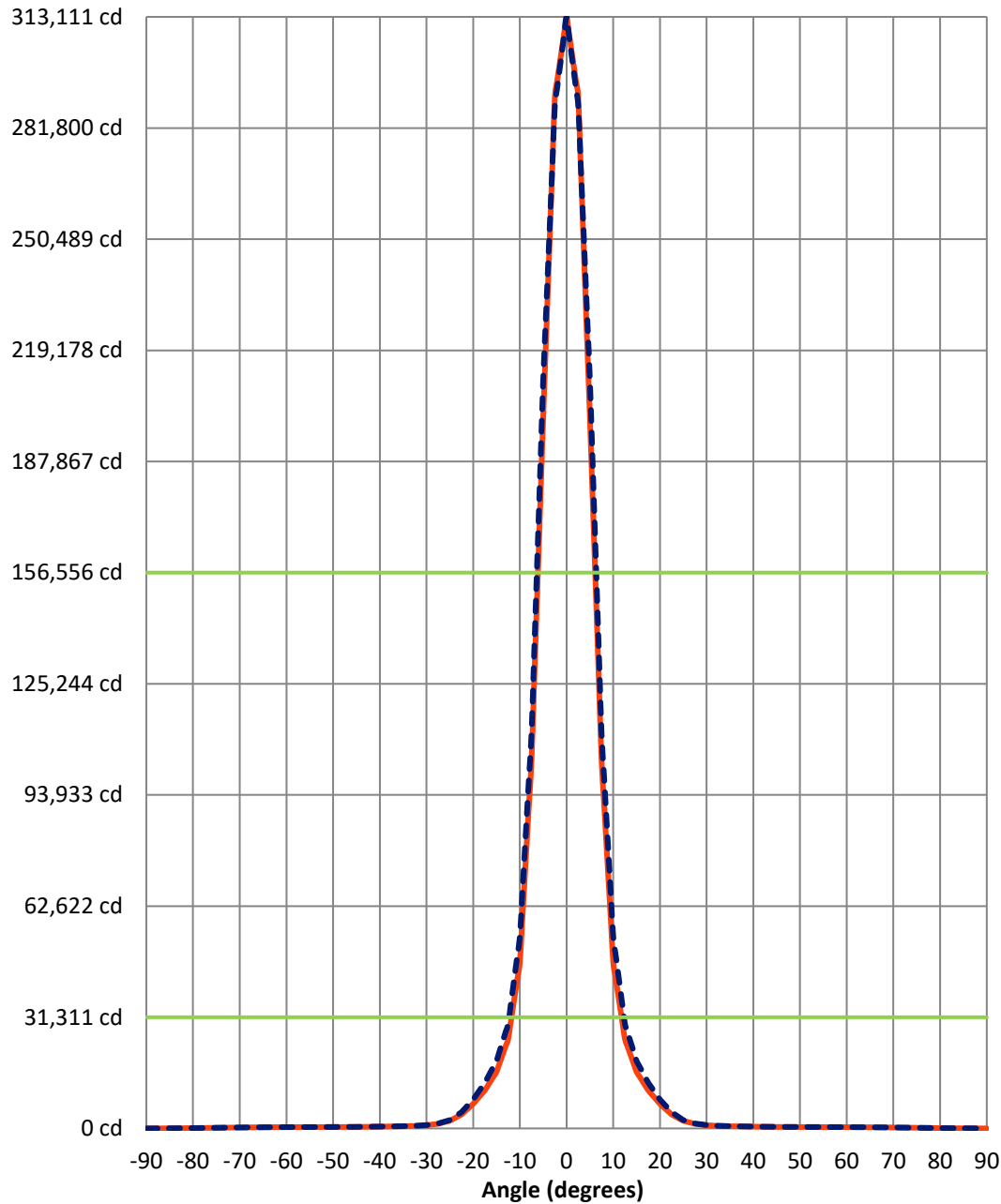
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 12.7°
V Angle: 12.3°
Lumens: 7171.7
Efficiency: 31.6%

Field:
H Angle: 24.6°
V Angle: 23.6°
Lumens: 15887.8
Efficiency: 70.0%

Spill:
Lumens: 6808.6
Efficiency: 30.0%

— 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	0.7	1.5	2.1	2.8	3.3	3.8	4.4	5.1	5.7	6.3
85°	0.0	1.5	2.9	4.3	5.5	6.6	7.7	8.9	10.1	11.3	12.5
82.5°	0.0	2.2	4.4	6.4	8.2	9.9	11.5	13.3	15.3	18.1	20.9
80°	0.0	2.9	5.9	8.5	11.0	13.2	15.5	19.0	22.8	26.6	30.5
77.5°	0.0	3.7	7.3	10.6	13.7	16.9	20.8	25.4	30.1	35.0	40.3
75°	0.0	4.4	8.7	12.7	16.6	21.4	26.2	31.6	37.5	44.3	50.8
72.5°	0.0	5.1	10.2	14.8	20.1	25.8	31.4	38.2	46.3	53.9	61.2
70°	0.0	5.8	11.5	17.0	23.6	30.1	36.8	45.9	54.9	63.5	75.3
67.5°	0.0	6.5	12.9	19.5	27.0	34.4	43.5	53.5	63.5	76.6	90.2
65°	0.0	7.1	14.3	22.1	30.4	39.2	50.0	61.0	74.6	89.3	104.9
62.5°	0.0	7.8	15.6	24.6	33.7	44.4	56.3	69.8	85.4	102.0	120.2
60°	0.0	8.4	16.9	27.0	37.0	49.5	62.5	78.8	95.9	115.5	135.1
57.5°	0.0	9.1	18.4	29.4	40.9	54.5	69.9	87.5	107.3	128.6	150.3
55°	0.0	9.7	20.0	31.7	44.7	59.3	77.2	96.1	118.7	141.6	165.3
52.5°	0.0	10.3	21.4	34.0	48.4	64.2	84.4	105.7	129.7	154.7	179.9
50°	0.0	10.9	22.9	36.2	51.9	69.9	91.3	115.2	140.6	167.5	194.3
47.5°	0.0	11.4	24.3	38.4	55.3	75.5	98.1	124.3	151.5	179.8	208.4
45°	0.0	11.9	25.6	40.8	58.6	80.8	105.5	133.0	162.1	192.1	222.1
42.5°	0.0	12.5	26.8	43.2	61.7	85.9	112.6	141.6	172.3	203.9	233.9
40°	0.0	12.9	28.1	45.4	65.2	90.8	119.3	150.1	182.1	215.4	244.9
37.5°	0.0	13.4	29.2	47.4	68.9	95.5	125.7	158.1	191.7	225.7	255.3
35°	0.0	13.8	30.3	49.3	72.4	100.3	131.7	165.7	200.6	234.4	264.8
32.5°	0.0	14.3	31.3	51.0	75.7	104.9	137.4	172.9	209.0	242.6	272.9
30°	0.0	14.6	32.3	52.7	78.7	109.3	143.1	179.6	216.8	250.2	280.4
27.5°	0.0	15.0	33.1	54.2	81.5	113.3	148.4	185.8	223.5	257.3	287.4
25°	0.0	15.3	34.0	55.5	84.1	116.9	153.2	191.5	229.3	263.2	293.7
22.5°	0.0	15.6	34.7	56.7	86.5	120.3	157.6	196.7	234.4	268.4	298.5
20°	0.0	15.9	35.4	57.8	88.6	123.3	161.6	201.3	239.0	273.0	302.9
17.5°	0.0	16.1	36.0	58.7	90.5	126.0	165.1	205.3	243.1	277.0	306.8
15°	0.0	16.3	36.5	59.5	92.2	128.3	168.3	208.7	246.6	280.5	310.2
12.5°	0.0	16.5	36.9	60.1	93.7	130.3	171.0	211.6	249.5	283.4	313.1
10°	0.0	16.6	37.3	60.6	94.8	132.0	173.2	213.9	251.8	285.7	315.5
7.5°	0.0	16.8	37.5	60.9	95.8	133.3	174.9	215.6	253.5	287.4	317.1
5°	0.0	16.8	37.7	61.1	96.5	134.2	176.1	216.6	254.7	288.5	318.1
2.5°	0.0	16.9	37.9	61.2	96.9	134.7	176.9	217.2	255.2	288.9	318.5
0°	0.0	16.9	37.9	61.1	97.0	134.9	177.1	217.1	255.1	288.8	318.3
-2.5°	0.0	16.9	37.9	61.2	96.9	134.7	176.9	217.2	255.2	288.9	318.5
-5°	0.0	16.8	37.7	61.1	96.5	134.2	176.1	216.6	254.7	288.5	318.1
-7.5°	0.0	16.8	37.5	60.9	95.8	133.3	174.9	215.6	253.5	287.4	317.1
-10°	0.0	16.6	37.3	60.6	94.8	132.0	173.2	213.9	251.8	285.7	315.5
-12.5°	0.0	16.5	36.9	60.1	93.7	130.3	171.0	211.6	249.5	283.4	313.1
-15°	0.0	16.3	36.5	59.5	92.2	128.3	168.3	208.7	246.6	280.5	310.2
-17.5°	0.0	16.1	36.0	58.7	90.5	126.0	165.1	205.3	243.1	277.0	306.8
-20°	0.0	15.9	35.4	57.8	88.6	123.3	161.6	201.3	239.0	273.0	302.9



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 CATALOG NUMBER: GFLD-SA5C-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	15.6	34.7	56.7	86.5	120.3	157.6	196.7	234.4	268.4	298.5
-25°	0.0	15.3	34.0	55.5	84.1	116.9	153.2	191.5	229.3	263.2	293.7
-27.5°	0.0	15.0	33.1	54.2	81.5	113.3	148.4	185.8	223.5	257.3	287.4
-30°	0.0	14.6	32.3	52.7	78.7	109.3	143.1	179.6	216.8	250.2	280.4
-32.5°	0.0	14.3	31.3	51.0	75.7	104.9	137.4	172.9	209.0	242.6	272.9
-35°	0.0	13.8	30.3	49.3	72.4	100.3	131.7	165.7	200.6	234.4	264.8
-37.5°	0.0	13.4	29.2	47.4	68.9	95.5	125.7	158.1	191.7	225.7	255.3
-40°	0.0	12.9	28.1	45.4	65.2	90.8	119.3	150.1	182.1	215.4	244.9
-42.5°	0.0	12.5	26.8	43.2	61.7	85.9	112.6	141.6	172.3	203.9	233.9
-45°	0.0	11.9	25.6	40.8	58.6	80.8	105.5	133.0	162.1	192.1	222.1
-47.5°	0.0	11.4	24.3	38.4	55.3	75.5	98.1	124.3	151.5	179.8	208.4
-50°	0.0	10.9	22.9	36.2	51.9	69.9	91.3	115.2	140.6	167.5	194.3
-52.5°	0.0	10.3	21.4	34.0	48.4	64.2	84.4	105.7	129.7	154.7	179.9
-55°	0.0	9.7	20.0	31.7	44.7	59.3	77.2	96.1	118.7	141.6	165.3
-57.5°	0.0	9.1	18.4	29.4	40.9	54.5	69.9	87.5	107.3	128.6	150.3
-60°	0.0	8.4	16.9	27.0	37.0	49.5	62.5	78.8	95.9	115.5	135.1
-62.5°	0.0	7.8	15.6	24.6	33.7	44.4	56.3	69.8	85.4	102.0	120.2
-65°	0.0	7.1	14.3	22.1	30.4	39.2	50.0	61.0	74.6	89.3	104.9
-67.5°	0.0	6.5	12.9	19.5	27.0	34.4	43.5	53.5	63.5	76.6	90.2
-70°	0.0	5.8	11.5	17.0	23.6	30.1	36.8	45.9	54.9	63.5	75.3
-72.5°	0.0	5.1	10.2	14.8	20.1	25.8	31.4	38.2	46.3	53.9	61.2
-75°	0.0	4.4	8.7	12.7	16.6	21.4	26.2	31.6	37.5	44.3	50.8
-77.5°	0.0	3.7	7.3	10.6	13.7	16.9	20.8	25.4	30.1	35.0	40.3
-80°	0.0	2.9	5.9	8.5	11.0	13.2	15.5	19.0	22.8	26.6	30.5
-82.5°	0.0	2.2	4.4	6.4	8.2	9.9	11.5	13.3	15.3	18.1	20.9
-85°	0.0	1.5	2.9	4.3	5.5	6.6	7.7	8.9	10.1	11.3	12.5
-87.5°	0.0	0.7	1.5	2.1	2.8	3.3	3.8	4.4	5.1	5.7	6.3
-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°	6.8	7.4	8.0	8.5	9.0	9.5	10.0	10.5	10.9	11.3	11.7
85°	13.7	14.8	16.3	17.6	18.8	19.9	20.9	21.8	23.0	24.3	25.6
82.5°	23.3	25.3	27.0	28.4	30.0	31.4	32.9	35.4	38.6	41.6	44.5
80°	33.4	35.8	39.1	42.9	46.8	50.5	54.2	57.6	61.4	65.5	69.8
77.5°	44.9	49.7	54.9	60.6	66.0	72.3	78.7	85.2	91.1	96.2	100.8
75°	56.8	63.4	72.1	80.9	89.2	97.4	105.8	114.0	121.0	127.7	134.3
72.5°	70.8	81.4	91.8	102.0	112.7	123.0	132.7	141.8	150.9	159.9	168.5
70°	87.5	99.6	112.2	124.9	137.3	148.7	160.0	171.5	182.7	192.8	201.9
67.5°	104.2	118.6	133.1	147.4	161.0	174.1	187.4	200.6	213.1	223.8	233.2
65°	121.3	137.4	153.6	169.2	184.0	199.3	214.3	228.8	240.6	250.4	259.9
62.5°	138.1	156.3	173.9	190.9	207.7	224.4	238.9	251.9	264.1	274.7	284.9
60°	155.2	175.0	194.1	212.8	230.6	245.9	260.6	273.6	285.9	297.6	306.3
57.5°	172.1	193.4	214.1	233.3	250.3	266.1	280.3	294.0	304.6	314.0	323.5
55°	188.7	211.5	232.8	251.8	269.0	284.2	298.5	309.9	320.5	329.4	338.6
52.5°	204.9	228.8	249.8	269.0	285.6	300.6	313.2	324.6	334.5	343.5	351.1
50°	220.8	244.2	266.1	284.2	300.7	314.7	326.6	337.6	347.1	355.4	362.2
47.5°	234.9	259.2	279.7	298.3	314.0	327.3	338.8	349.2	358.7	366.0	372.8
45°	248.2	272.0	292.9	310.6	326.0	338.5	349.6	360.3	368.3	375.5	380.7
42.5°	260.9	283.9	304.3	322.6	336.1	348.2	359.5	368.8	377.0	383.3	389.0
40°	271.6	295.3	314.9	331.5	345.4	356.9	367.3	376.7	384.8	391.0	397.0
37.5°	281.7	304.6	324.4	340.0	352.9	364.3	374.7	383.4	391.3	397.9	406.1
35°	291.4	313.5	331.9	347.0	359.6	370.9	380.8	389.7	397.5	406.5	416.0
32.5°	299.7	321.9	338.9	352.7	365.1	376.7	386.6	395.6	404.6	414.8	426.6
30°	306.7	328.1	345.0	357.9	370.3	381.2	391.8	401.5	411.4	423.7	439.1
27.5°	313.1	333.7	349.4	362.4	374.9	385.1	396.2	407.2	418.8	433.1	452.5
25°	319.0	338.9	353.3	366.4	378.1	388.7	400.2	411.5	426.0	444.9	470.3
22.5°	323.9	343.7	356.7	370.1	380.8	392.1	403.8	416.5	432.8	455.7	489.0
20°	327.8	346.5	359.6	372.9	383.0	395.0	406.9	420.8	440.3	470.1	508.6
17.5°	331.3	348.9	362.0	374.6	385.3	397.5	409.8	424.2	446.5	483.6	526.7
15°	334.4	351.0	364.0	375.9	387.2	399.4	412.3	428.8	454.8	496.6	543.0
12.5°	337.1	352.6	365.5	376.9	388.7	400.7	414.4	432.7	463.5	508.7	559.2
10°	339.4	353.8	366.6	377.7	389.8	401.4	416.1	435.3	469.7	515.5	568.9
7.5°	340.8	354.7	367.3	378.1	390.5	401.6	417.3	436.6	473.6	519.2	574.1
5°	341.5	355.5	368.2	378.8	391.3	402.2	418.3	436.8	475.2	519.9	576.1
2.5°	341.8	356.0	368.7	379.2	391.9	403.6	420.3	439.0	476.6	522.5	577.4
0°	341.5	356.2	368.9	379.4	392.1	404.7	421.6	440.5	476.4	524.9	577.6
-2.5°	341.8	356.0	368.7	379.2	391.9	403.6	420.3	439.0	476.6	522.5	577.4
-5°	341.5	355.5	368.2	378.8	391.3	402.2	418.3	436.8	475.2	519.9	576.1
-7.5°	340.8	354.7	367.3	378.1	390.5	401.6	417.3	436.6	473.6	519.2	574.1
-10°	339.4	353.8	366.6	377.7	389.8	401.4	416.1	435.3	469.7	515.5	568.9
-12.5°	337.1	352.6	365.5	376.9	388.7	400.7	414.4	432.7	463.5	508.7	559.2
-15°	334.4	351.0	364.0	375.9	387.2	399.4	412.3	428.8	454.8	496.6	543.0
-17.5°	331.3	348.9	362.0	374.6	385.3	397.5	409.8	424.2	446.5	483.6	526.7
-20°	327.8	346.5	359.6	372.9	383.0	395.0	406.9	420.8	440.3	470.1	508.6



REPORT NUMBER: P559064 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	323.9	343.7	356.7	370.1	380.8	392.1	403.8	416.5	432.8	455.7	489.0
-25°	319.0	338.9	353.3	366.4	378.1	388.7	400.2	411.5	426.0	444.9	470.3
-27.5°	313.1	333.7	349.4	362.4	374.9	385.1	396.2	407.2	418.8	433.1	452.5
-30°	306.7	328.1	345.0	357.9	370.3	381.2	391.8	401.5	411.4	423.7	439.1
-32.5°	299.7	321.9	338.9	352.7	365.1	376.7	386.6	395.6	404.6	414.8	426.6
-35°	291.4	313.5	331.9	347.0	359.6	370.9	380.8	389.7	397.5	406.5	416.0
-37.5°	281.7	304.6	324.4	340.0	352.9	364.3	374.7	383.4	391.3	397.9	406.1
-40°	271.6	295.3	314.9	331.5	345.4	356.9	367.3	376.7	384.8	391.0	397.0
-42.5°	260.9	283.9	304.3	322.6	336.1	348.2	359.5	368.8	377.0	383.3	389.0
-45°	248.2	272.0	292.9	310.6	326.0	338.5	349.6	360.3	368.3	375.5	380.7
-47.5°	234.9	259.2	279.7	298.3	314.0	327.3	338.8	349.2	358.7	366.0	372.8
-50°	220.8	244.2	266.1	284.2	300.7	314.7	326.6	337.6	347.1	355.4	362.2
-52.5°	204.9	228.8	249.8	269.0	285.6	300.6	313.2	324.6	334.5	343.5	351.1
-55°	188.7	211.5	232.8	251.8	269.0	284.2	298.5	309.9	320.5	329.4	338.6
-57.5°	172.1	193.4	214.1	233.3	250.3	266.1	280.3	294.0	304.6	314.0	323.5
-60°	155.2	175.0	194.1	212.8	230.6	245.9	260.6	273.6	285.9	297.6	306.3
-62.5°	138.1	156.3	173.9	190.9	207.7	224.4	238.9	251.9	264.1	274.7	284.9
-65°	121.3	137.4	153.6	169.2	184.0	199.3	214.3	228.8	240.6	250.4	259.9
-67.5°	104.2	118.6	133.1	147.4	161.0	174.1	187.4	200.6	213.1	223.8	233.2
-70°	87.5	99.6	112.2	124.9	137.3	148.7	160.0	171.5	182.7	192.8	201.9
-72.5°	70.8	81.4	91.8	102.0	112.7	123.0	132.7	141.8	150.9	159.9	168.5
-75°	56.8	63.4	72.1	80.9	89.2	97.4	105.8	114.0	121.0	127.7	134.3
-77.5°	44.9	49.7	54.9	60.6	66.0	72.3	78.7	85.2	91.1	96.2	100.8
-80°	33.4	35.8	39.1	42.9	46.8	50.5	54.2	57.6	61.4	65.5	69.8
-82.5°	23.3	25.3	27.0	28.4	30.0	31.4	32.9	35.4	38.6	41.6	44.5
-85°	13.7	14.8	16.3	17.6	18.8	19.9	20.9	21.8	23.0	24.3	25.6
-87.5°	6.8	7.4	8.0	8.5	9.0	9.5	10.0	10.5	10.9	11.3	11.7
-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: P559064 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-940-U-TS-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°	12.1	12.0	11.9	11.7	11.4	11.6	11.8	12.0	12.2	12.3	12.4
85°	26.8	27.9	29.1	30.3	31.4	32.3	33.0	33.6	34.2	34.7	35.1
82.5°	47.1	49.5	51.7	53.7	55.4	56.9	58.2	59.4	60.4	61.2	61.9
80°	73.5	77.2	80.7	83.9	86.8	89.2	91.2	92.9	94.2	95.7	96.9
77.5°	105.2	110.3	115.1	119.5	123.4	126.6	129.5	131.9	134.0	136.5	138.9
75°	140.8	147.0	152.6	157.7	162.4	166.6	170.3	173.6	176.3	179.1	181.5
72.5°	176.6	184.0	190.4	195.9	200.9	205.7	210.4	214.8	218.8	221.9	224.1
70°	210.3	217.8	224.7	231.0	236.8	242.8	248.9	254.5	259.6	262.9	264.8
67.5°	241.1	248.8	256.7	264.4	271.3	277.6	283.7	289.2	294.2	297.6	299.7
65°	269.0	277.5	285.9	293.9	301.1	306.5	312.0	317.3	322.2	326.2	329.2
62.5°	295.0	303.4	310.5	317.2	323.5	328.8	334.3	339.1	343.4	347.1	350.7
60°	314.9	323.5	330.4	336.6	342.4	347.8	352.1	355.7	358.6	361.0	363.2
57.5°	332.0	340.2	347.2	352.3	357.5	362.6	366.3	368.6	370.3	371.6	372.5
55°	346.7	353.3	359.1	364.8	369.9	374.3	377.6	379.1	380.0	380.5	381.0
52.5°	358.5	364.9	370.9	376.3	380.3	384.1	387.3	388.1	388.6	388.8	388.9
50°	369.3	375.6	380.3	384.9	389.0	392.4	395.1	396.4	397.2	397.3	396.9
47.5°	378.0	383.4	388.7	393.4	397.5	401.4	404.5	406.3	407.7	408.2	408.1
45°	385.7	392.0	397.6	403.1	407.9	413.0	417.3	420.2	423.2	425.1	426.1
42.5°	394.8	401.1	407.3	414.8	421.8	428.4	435.6	441.8	448.4	455.3	460.1
40°	404.0	410.8	420.4	429.5	439.6	448.9	463.9	478.9	490.4	500.1	509.0
37.5°	414.4	424.4	435.9	447.6	464.3	481.5	500.5	519.1	535.4	550.1	561.9
35°	426.6	440.0	454.0	474.8	496.0	517.2	540.0	564.8	585.8	601.2	612.3
32.5°	441.4	458.2	480.7	507.3	533.3	560.9	588.4	616.1	636.8	658.2	679.8
30°	457.8	482.0	511.2	543.5	576.0	608.9	643.4	681.8	718.3	757.5	813.6
27.5°	478.7	508.2	542.5	580.8	619.9	659.2	719.3	785.1	882.9	961.0	1093.6
25°	501.0	535.6	576.5	620.8	668.6	738.9	848.9	978.9	1209.2	1388.0	1659.0
22.5°	525.9	566.6	611.8	662.8	739.8	872.3	1060.5	1394.3	1858.9	2317.7	2828.0
20°	550.4	595.5	645.0	722.1	852.9	1062.6	1470.0	2191.9	2998.2	4146.1	5109.6
17.5°	573.8	621.6	684.4	788.7	984.5	1406.2	2195.4	3431.9	5115.8	6966.2	8509.3
15°	594.2	643.1	727.6	892.8	1223.6	1880.4	3072.1	5176.6	8005.9	10539.4	12799.1
12.5°	611.5	669.4	774.5	976.8	1431.3	2403.5	4315.2	7303.4	10758.4	14311.5	17171.2
10°	624.0	697.3	837.2	1132.4	1761.2	3026.0	5351.2	9120.6	13280.6	17599.1	22768.7
7.5°	631.6	717.3	884.7	1247.8	2055.4	3719.1	6650.8	10743.0	15520.3	21415.5	29313.9
5°	637.1	730.8	919.9	1334.7	2252.0	4177.3	7471.3	11972.2	17452.7	25976.8	42232.2
2.5°	639.7	736.8	939.8	1382.4	2341.6	4412.9	8048.8	12676.1	18628.4	29194.5	51181.3
0°	638.7	733.5	942.2	1393.3	2354.5	4593.1	8144.9	12877.0	19025.7	29482.9	54050.3
-2.5°	639.7	736.8	939.8	1382.4	2341.6	4412.9	8048.8	12676.1	18628.4	29194.5	51181.3
-5°	637.1	730.8	919.9	1334.7	2252.0	4177.3	7471.3	11972.2	17452.7	25976.8	42232.2
-7.5°	631.6	717.3	884.7	1247.8	2055.4	3719.1	6650.8	10743.0	15520.3	21415.5	29313.9
-10°	624.0	697.3	837.2	1132.4	1761.2	3026.0	5351.2	9120.6	13280.6	17599.1	22768.7
-12.5°	611.5	669.4	774.5	976.8	1431.3	2403.5	4315.2	7303.4	10758.4	14311.5	17171.2
-15°	594.2	643.1	727.6	892.8	1223.6	1880.4	3072.1	5176.6	8005.9	10539.4	12799.1
-17.5°	573.8	621.6	684.4	788.7	984.5	1406.2	2195.4	3431.9	5115.8	6966.2	8509.3
-20°	550.4	595.5	645.0	722.1	852.9	1062.6	1470.0	2191.9	2998.2	4146.1	5109.6



REPORT NUMBER: P559064 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	525.9	566.6	611.8	662.8	739.8	872.3	1060.5	1394.3	1858.9	2317.7	2828.0
-25°	501.0	535.6	576.5	620.8	668.6	738.9	848.9	978.9	1209.2	1388.0	1659.0
-27.5°	478.7	508.2	542.5	580.8	619.9	659.2	719.3	785.1	882.9	961.0	1093.6
-30°	457.8	482.0	511.2	543.5	576.0	608.9	643.4	681.8	718.3	757.5	813.6
-32.5°	441.4	458.2	480.7	507.3	533.3	560.9	588.4	616.1	636.8	658.2	679.8
-35°	426.6	440.0	454.0	474.8	496.0	517.2	540.0	564.8	585.8	601.2	612.3
-37.5°	414.4	424.4	435.9	447.6	464.3	481.5	500.5	519.1	535.4	550.1	561.9
-40°	404.0	410.8	420.4	429.5	439.6	448.9	463.9	478.9	490.4	500.1	509.0
-42.5°	394.8	401.1	407.3	414.8	421.8	428.4	435.6	441.8	448.4	455.3	460.1
-45°	385.7	392.0	397.6	403.1	407.9	413.0	417.3	420.2	423.2	425.1	426.1
-47.5°	378.0	383.4	388.7	393.4	397.5	401.4	404.5	406.3	407.7	408.2	408.1
-50°	369.3	375.6	380.3	384.9	389.0	392.4	395.1	396.4	397.2	397.3	396.9
-52.5°	358.5	364.9	370.9	376.3	380.3	384.1	387.3	388.1	388.6	388.8	388.9
-55°	346.7	353.3	359.1	364.8	369.9	374.3	377.6	379.1	380.0	380.5	381.0
-57.5°	332.0	340.2	347.2	352.3	357.5	362.6	366.3	368.6	370.3	371.6	372.5
-60°	314.9	323.5	330.4	336.6	342.4	347.8	352.1	355.7	358.6	361.0	363.2
-62.5°	295.0	303.4	310.5	317.2	323.5	328.8	334.3	339.1	343.4	347.1	350.7
-65°	269.0	277.5	285.9	293.9	301.1	306.5	312.0	317.3	322.2	326.2	329.2
-67.5°	241.1	248.8	256.7	264.4	271.3	277.6	283.7	289.2	294.2	297.6	299.7
-70°	210.3	217.8	224.7	231.0	236.8	242.8	248.9	254.5	259.6	262.9	264.8
-72.5°	176.6	184.0	190.4	195.9	200.9	205.7	210.4	214.8	218.8	221.9	224.1
-75°	140.8	147.0	152.6	157.7	162.4	166.6	170.3	173.6	176.3	179.1	181.5
-77.5°	105.2	110.3	115.1	119.5	123.4	126.6	129.5	131.9	134.0	136.5	138.9
-80°	73.5	77.2	80.7	83.9	86.8	89.2	91.2	92.9	94.2	95.7	96.9
-82.5°	47.1	49.5	51.7	53.7	55.4	56.9	58.2	59.4	60.4	61.2	61.9
-85°	26.8	27.9	29.1	30.3	31.4	32.3	33.0	33.6	34.2	34.7	35.1
-87.5°	12.1	12.0	11.9	11.7	11.4	11.6	11.8	12.0	12.2	12.3	12.4
-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: P559064 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-940-U-TS-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°	12.5	12.6	12.6	12.6	12.6	12.6	12.5	12.4	12.3	12.2	12.0
85°	35.4	35.6	35.8	35.8	35.8	35.6	35.4	35.1	34.7	34.2	33.6
82.5°	62.5	62.9	63.1	63.2	63.1	62.9	62.5	61.9	61.2	60.4	59.4
80°	97.9	98.5	99.0	99.1	99.0	98.5	97.9	96.9	95.7	94.2	92.9
77.5°	140.8	142.4	143.1	143.3	143.1	142.4	140.8	138.9	136.5	134.0	131.9
75°	183.3	184.5	185.3	185.5	185.3	184.5	183.3	181.5	179.1	176.3	173.6
72.5°	225.7	226.6	228.4	229.8	228.4	226.6	225.7	224.1	221.9	218.8	214.8
70°	266.1	266.6	268.4	269.8	268.4	266.6	266.1	264.8	262.9	259.6	254.5
67.5°	301.3	302.3	302.2	301.4	302.2	302.3	301.3	299.7	297.6	294.2	289.2
65°	331.7	333.8	333.9	333.0	333.9	333.8	331.7	329.2	326.2	322.2	317.3
62.5°	353.9	356.9	358.0	358.3	358.0	356.9	353.9	350.7	347.1	343.4	339.1
60°	364.9	366.2	366.7	366.8	366.7	366.2	364.9	363.2	361.0	358.6	355.7
57.5°	372.9	372.9	373.0	373.1	373.0	372.9	372.9	372.5	371.6	370.3	368.6
55°	381.2	381.2	380.6	379.4	380.6	381.2	381.2	381.0	380.5	380.0	379.1
52.5°	388.7	388.0	387.0	385.7	387.0	388.0	388.7	388.9	388.8	388.6	388.1
50°	396.0	394.7	394.1	394.2	394.1	394.7	396.0	396.9	397.3	397.2	396.4
47.5°	407.8	406.9	406.5	406.8	406.5	406.9	407.8	408.1	408.2	407.7	406.3
45°	426.5	425.8	425.4	425.8	425.4	425.8	426.5	426.1	425.1	423.2	420.2
42.5°	462.7	463.0	462.8	463.7	462.8	463.0	462.7	460.1	455.3	448.4	441.8
40°	512.5	512.2	510.5	510.1	510.5	512.2	512.5	509.0	500.1	490.4	478.9
37.5°	566.8	566.8	565.1	564.9	565.1	566.8	566.8	561.9	550.1	535.4	519.1
35°	618.0	620.0	619.6	617.6	619.6	620.0	618.0	612.3	601.2	585.8	564.8
32.5°	695.0	706.8	713.0	710.4	713.0	706.8	695.0	679.8	658.2	636.8	616.1
30°	848.9	879.2	895.2	902.2	895.2	879.2	848.9	813.6	757.5	718.3	681.8
27.5°	1188.4	1255.4	1285.6	1296.3	1285.6	1255.4	1188.4	1093.6	961.0	882.9	785.1
25°	1895.8	2047.2	2121.8	2145.8	2121.8	2047.2	1895.8	1659.0	1388.0	1209.2	978.9
22.5°	3390.0	3681.4	3880.7	3924.9	3880.7	3681.4	3390.0	2828.0	2317.7	1858.9	1394.3
20°	6078.3	6641.9	6947.7	6920.2	6947.7	6641.9	6078.3	5109.6	4146.1	2998.2	2191.9
17.5°	9821.0	10543.7	10887.8	10727.0	10887.8	10543.7	9821.0	8509.3	6966.2	5115.8	3431.9
15°	14397.2	15373.7	15799.6	15931.4	15799.6	15373.7	14397.2	12799.1	10539.4	8005.9	5176.6
12.5°	20025.9	23227.1	24757.9	25168.1	24757.9	23227.1	20025.9	17171.2	14311.5	10758.4	7303.4
10°	28056.4	38816.9	45217.3	46780.2	45217.3	38816.9	28056.4	22768.7	17599.1	13280.6	9120.6
7.5°	45818.5	67684.8	92179.9	103779.4	92179.9	67684.8	45818.5	29313.9	21415.5	15520.3	10743.0
5°	69873.0	121270.4	177984.2	200217.1	177984.2	121270.4	69873.0	42232.2	25976.8	17452.7	11972.2
2.5°	99115.5	183109.0	261473.7	290686.3	261473.7	183109.0	99115.5	51181.3	29194.5	18628.4	12676.1
0°	111470.0	211104.3	288087.3	313111.0	288087.3	211104.3	111470.0	54050.3	29482.9	19025.7	12877.0
-2.5°	99115.5	183109.0	261473.7	290686.2	261473.7	183109.0	99115.5	51181.3	29194.5	18628.4	12676.1
-5°	69873.0	121270.4	177984.2	200217.1	177984.2	121270.4	69873.0	42232.2	25976.8	17452.7	11972.2
-7.5°	45818.5	67684.8	92179.9	103779.4	92179.9	67684.8	45818.5	29313.9	21415.5	15520.3	10743.0
-10°	28056.4	38816.9	45217.3	46780.2	45217.3	38816.9	28056.4	22768.7	17599.1	13280.6	9120.6
-12.5°	20025.9	23227.1	24757.9	25168.1	24757.9	23227.1	20025.9	17171.2	14311.5	10758.4	7303.4
-15°	14397.2	15373.7	15799.6	15931.4	15799.6	15373.7	14397.2	12799.1	10539.4	8005.9	5176.6
-17.5°	9821.0	10543.7	10887.8	10727.0	10887.8	10543.7	9821.0	8509.3	6966.2	5115.8	3431.9
-20°	6078.3	6641.9	6947.7	6920.2	6947.7	6641.9	6078.3	5109.6	4146.1	2998.2	2191.9



REPORT NUMBER: P559064 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3390.0	3681.4	3880.7	3924.9	3880.7	3681.4	3390.0	2828.0	2317.7	1858.9	1394.3
-25°	1895.8	2047.2	2121.8	2145.8	2121.8	2047.2	1895.8	1659.0	1388.0	1209.2	978.9
-27.5°	1188.4	1255.4	1285.6	1296.3	1285.6	1255.4	1188.4	1093.6	961.0	882.9	785.1
-30°	848.9	879.2	895.2	902.2	895.2	879.2	848.9	813.6	757.5	718.3	681.8
-32.5°	695.0	706.8	713.0	710.4	713.0	706.8	695.0	679.8	658.2	636.8	616.1
-35°	618.0	620.0	619.6	617.6	619.6	620.0	618.0	612.3	601.2	585.8	564.8
-37.5°	566.8	566.8	565.1	564.9	565.1	566.8	566.8	561.9	550.1	535.4	519.1
-40°	512.5	512.2	510.5	510.1	510.5	512.2	512.5	509.0	500.1	490.4	478.9
-42.5°	462.7	463.0	462.8	463.7	462.8	463.0	462.7	460.1	455.3	448.4	441.8
-45°	426.5	425.8	425.4	425.8	425.4	425.8	426.5	426.1	425.1	423.2	420.2
-47.5°	407.8	406.9	406.5	406.8	406.5	406.9	407.8	408.1	408.2	407.7	406.3
-50°	396.0	394.7	394.1	394.2	394.1	394.7	396.0	396.9	397.3	397.2	396.4
-52.5°	388.7	388.0	387.0	385.7	387.0	388.0	388.7	388.9	388.8	388.6	388.1
-55°	381.2	381.2	380.6	379.4	380.6	381.2	381.2	381.0	380.5	380.0	379.1
-57.5°	372.9	372.9	373.0	373.1	373.0	372.9	372.9	372.5	371.6	370.3	368.6
-60°	364.9	366.2	366.7	366.8	366.7	366.2	364.9	363.2	361.0	358.6	355.7
-62.5°	353.9	356.9	358.0	358.3	358.0	356.9	353.9	350.7	347.1	343.4	339.1
-65°	331.7	333.8	333.9	333.0	333.9	333.8	331.7	329.2	326.2	322.2	317.3
-67.5°	301.3	302.3	302.2	301.4	302.2	302.3	301.3	299.7	297.6	294.2	289.2
-70°	266.1	266.6	268.4	269.8	268.4	266.6	266.1	264.8	262.9	259.6	254.5
-72.5°	225.7	226.6	228.4	229.8	228.4	226.6	225.7	224.1	221.9	218.8	214.8
-75°	183.3	184.5	185.3	185.5	185.3	184.5	183.3	181.5	179.1	176.3	173.6
-77.5°	140.8	142.4	143.1	143.3	143.1	142.4	140.8	138.9	136.5	134.0	131.9
-80°	97.9	98.5	99.0	99.1	99.0	98.5	97.9	96.9	95.7	94.2	92.9
-82.5°	62.5	62.9	63.1	63.2	63.1	62.9	62.5	61.9	61.2	60.4	59.4
-85°	35.4	35.6	35.8	35.8	35.8	35.6	35.4	35.1	34.7	34.2	33.6
-87.5°	12.5	12.6	12.6	12.6	12.6	12.6	12.5	12.4	12.3	12.2	12.0
-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: P559064 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-940-U-TS-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°	11.8	11.6	11.4	11.7	11.9	12.0	12.1	11.7	11.3	10.9	10.5
85°	33.0	32.3	31.4	30.3	29.1	27.9	26.8	25.6	24.3	23.0	21.8
82.5°	58.2	56.9	55.4	53.7	51.7	49.5	47.1	44.5	41.6	38.6	35.4
80°	91.2	89.2	86.8	83.9	80.7	77.2	73.5	69.8	65.5	61.4	57.6
77.5°	129.5	126.6	123.4	119.5	115.1	110.3	105.2	100.8	96.2	91.1	85.2
75°	170.3	166.6	162.4	157.7	152.6	147.0	140.8	134.3	127.7	121.0	114.0
72.5°	210.4	205.7	200.9	195.9	190.4	184.0	176.6	168.5	159.9	150.9	141.8
70°	248.9	242.8	236.8	231.0	224.7	217.8	210.3	201.9	192.8	182.7	171.5
67.5°	283.7	277.6	271.3	264.4	256.7	248.8	241.1	233.2	223.8	213.1	200.6
65°	312.0	306.5	301.1	293.9	285.9	277.5	269.0	259.9	250.4	240.6	228.8
62.5°	334.3	328.8	323.5	317.2	310.5	303.4	295.0	284.9	274.7	264.1	251.9
60°	352.1	347.8	342.4	336.6	330.4	323.5	314.9	306.3	297.6	285.9	273.6
57.5°	366.3	362.6	357.5	352.3	347.2	340.2	332.0	323.5	314.0	304.6	294.0
55°	377.6	374.3	369.9	364.8	359.1	353.3	346.7	338.6	329.4	320.5	309.9
52.5°	387.3	384.1	380.3	376.3	370.9	364.9	358.5	351.1	343.5	334.5	324.6
50°	395.1	392.4	389.0	384.9	380.3	375.6	369.3	362.2	355.4	347.1	337.6
47.5°	404.5	401.4	397.5	393.4	388.7	383.4	378.0	372.8	366.0	358.7	349.2
45°	417.3	413.0	407.9	403.1	397.6	392.0	385.7	380.7	375.5	368.3	360.3
42.5°	435.6	428.4	421.8	414.8	407.3	401.1	394.8	389.0	383.3	377.0	368.8
40°	463.9	448.9	439.6	429.5	420.4	410.8	404.0	397.0	391.0	384.8	376.7
37.5°	500.5	481.5	464.3	447.6	435.9	424.4	414.4	406.1	397.9	391.3	383.4
35°	540.0	517.2	496.0	474.8	454.0	440.0	426.6	416.0	406.5	397.5	389.7
32.5°	588.4	560.9	533.3	507.3	480.7	458.2	441.4	426.6	414.8	404.6	395.6
30°	643.4	608.9	576.0	543.5	511.2	482.0	457.8	439.1	423.7	411.4	401.5
27.5°	719.3	659.2	619.9	580.8	542.5	508.2	478.7	452.5	433.1	418.8	407.2
25°	848.9	738.9	668.6	620.8	576.5	535.6	501.0	470.3	444.9	426.0	411.5
22.5°	1060.5	872.3	739.8	662.8	611.8	566.6	525.9	489.0	455.7	432.8	416.5
20°	1470.0	1062.6	852.9	722.1	645.0	595.5	550.4	508.6	470.1	440.3	420.8
17.5°	2195.4	1406.2	984.5	788.7	684.4	621.6	573.8	526.7	483.6	446.5	424.2
15°	3072.1	1880.4	1223.6	892.8	727.6	643.1	594.2	543.0	496.6	454.8	428.8
12.5°	4315.2	2403.5	1431.3	976.8	774.5	669.4	611.5	559.2	508.7	463.5	432.7
10°	5351.2	3026.0	1761.2	1132.4	837.2	697.3	624.0	568.9	515.5	469.7	435.3
7.5°	6650.8	3719.1	2055.4	1247.8	884.7	717.3	631.6	574.1	519.2	473.6	436.6
5°	7471.3	4177.3	2252.0	1334.7	919.9	730.8	637.1	576.1	519.9	475.2	436.8
2.5°	8048.8	4412.9	2341.6	1382.4	939.8	736.8	639.7	577.4	522.5	476.6	439.0
0°	8144.9	4593.1	2354.5	1393.3	942.2	733.5	638.7	577.6	524.9	476.4	440.5
-2.5°	8048.8	4412.9	2341.6	1382.4	939.8	736.8	639.7	577.4	522.5	476.6	439.0
-5°	7471.3	4177.3	2252.0	1334.7	919.9	730.8	637.1	576.1	519.9	475.2	436.8
-7.5°	6650.8	3719.1	2055.4	1247.8	884.7	717.3	631.6	574.1	519.2	473.6	436.6
-10°	5351.2	3026.0	1761.2	1132.4	837.2	697.3	624.0	568.9	515.5	469.7	435.3
-12.5°	4315.2	2403.5	1431.3	976.8	774.5	669.4	611.5	559.2	508.7	463.5	432.7
-15°	3072.1	1880.4	1223.6	892.8	727.6	643.1	594.2	543.0	496.6	454.8	428.8
-17.5°	2195.4	1406.2	984.5	788.7	684.4	621.6	573.8	526.7	483.6	446.5	424.2
-20°	1470.0	1062.6	852.9	722.1	645.0	595.5	550.4	508.6	470.1	440.3	420.8



REPORT NUMBER: P559064 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1060.5	872.3	739.8	662.8	611.8	566.6	525.9	489.0	455.7	432.8	416.5
-25°	848.9	738.9	668.6	620.8	576.5	535.6	501.0	470.3	444.9	426.0	411.5
-27.5°	719.3	659.2	619.9	580.8	542.5	508.2	478.7	452.5	433.1	418.8	407.2
-30°	643.4	608.9	576.0	543.5	511.2	482.0	457.8	439.1	423.7	411.4	401.5
-32.5°	588.4	560.9	533.3	507.3	480.7	458.2	441.4	426.6	414.8	404.6	395.6
-35°	540.0	517.2	496.0	474.8	454.0	440.0	426.6	416.0	406.5	397.5	389.7
-37.5°	500.5	481.5	464.3	447.6	435.9	424.4	414.4	406.1	397.9	391.3	383.4
-40°	463.9	448.9	439.6	429.5	420.4	410.8	404.0	397.0	391.0	384.8	376.7
-42.5°	435.6	428.4	421.8	414.8	407.3	401.1	394.8	389.0	383.3	377.0	368.8
-45°	417.3	413.0	407.9	403.1	397.6	392.0	385.7	380.7	375.5	368.3	360.3
-47.5°	404.5	401.4	397.5	393.4	388.7	383.4	378.0	372.8	366.0	358.7	349.2
-50°	395.1	392.4	389.0	384.9	380.3	375.6	369.3	362.2	355.4	347.1	337.6
-52.5°	387.3	384.1	380.3	376.3	370.9	364.9	358.5	351.1	343.5	334.5	324.6
-55°	377.6	374.3	369.9	364.8	359.1	353.3	346.7	338.6	329.4	320.5	309.9
-57.5°	366.3	362.6	357.5	352.3	347.2	340.2	332.0	323.5	314.0	304.6	294.0
-60°	352.1	347.8	342.4	336.6	330.4	323.5	314.9	306.3	297.6	285.9	273.6
-62.5°	334.3	328.8	323.5	317.2	310.5	303.4	295.0	284.9	274.7	264.1	251.9
-65°	312.0	306.5	301.1	293.9	285.9	277.5	269.0	259.9	250.4	240.6	228.8
-67.5°	283.7	277.6	271.3	264.4	256.7	248.8	241.1	233.2	223.8	213.1	200.6
-70°	248.9	242.8	236.8	231.0	224.7	217.8	210.3	201.9	192.8	182.7	171.5
-72.5°	210.4	205.7	200.9	195.9	190.4	184.0	176.6	168.5	159.9	150.9	141.8
-75°	170.3	166.6	162.4	157.7	152.6	147.0	140.8	134.3	127.7	121.0	114.0
-77.5°	129.5	126.6	123.4	119.5	115.1	110.3	105.2	100.8	96.2	91.1	85.2
-80°	91.2	89.2	86.8	83.9	80.7	77.2	73.5	69.8	65.5	61.4	57.6
-82.5°	58.2	56.9	55.4	53.7	51.7	49.5	47.1	44.5	41.6	38.6	35.4
-85°	33.0	32.3	31.4	30.3	29.1	27.9	26.8	25.6	24.3	23.0	21.8
-87.5°	11.8	11.6	11.4	11.7	11.9	12.0	12.1	11.7	11.3	10.9	10.5
-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: P559064 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-940-U-TS-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°	10.0	9.5	9.0	8.5	8.0	7.4	6.8	6.3	5.7	5.1	4.4
85°	20.9	19.9	18.8	17.6	16.3	14.8	13.7	12.5	11.3	10.1	8.9
82.5°	32.9	31.4	30.0	28.4	27.0	25.3	23.3	20.9	18.1	15.3	13.3
80°	54.2	50.5	46.8	42.9	39.1	35.8	33.4	30.5	26.6	22.8	19.0
77.5°	78.7	72.3	66.0	60.6	54.9	49.7	44.9	40.3	35.0	30.1	25.4
75°	105.8	97.4	89.2	80.9	72.1	63.4	56.8	50.8	44.3	37.5	31.6
72.5°	132.7	123.0	112.7	102.0	91.8	81.4	70.8	61.2	53.9	46.3	38.2
70°	160.0	148.7	137.3	124.9	112.2	99.6	87.5	75.3	63.5	54.9	45.9
67.5°	187.4	174.1	161.0	147.4	133.1	118.6	104.2	90.2	76.6	63.5	53.5
65°	214.3	199.3	184.0	169.2	153.6	137.4	121.3	104.9	89.3	74.6	61.0
62.5°	238.9	224.4	207.7	190.9	173.9	156.3	138.1	120.2	102.0	85.4	69.8
60°	260.6	245.9	230.6	212.8	194.1	175.0	155.2	135.1	115.5	95.9	78.8
57.5°	280.3	266.1	250.3	233.3	214.1	193.4	172.1	150.3	128.6	107.3	87.5
55°	298.5	284.2	269.0	251.8	232.8	211.5	188.7	165.3	141.6	118.7	96.1
52.5°	313.2	300.6	285.6	269.0	249.8	228.8	204.9	179.9	154.7	129.7	105.7
50°	326.6	314.7	300.7	284.2	266.1	244.2	220.8	194.3	167.5	140.6	115.2
47.5°	338.8	327.3	314.0	298.3	279.7	259.2	234.9	208.4	179.8	151.5	124.3
45°	349.6	338.5	326.0	310.6	292.9	272.0	248.2	222.1	192.1	162.1	133.0
42.5°	359.5	348.2	336.1	322.6	304.3	283.9	260.9	233.9	203.9	172.3	141.6
40°	367.3	356.9	345.4	331.5	314.9	295.3	271.6	244.9	215.4	182.1	150.1
37.5°	374.7	364.3	352.9	340.0	324.4	304.6	281.7	255.3	225.7	191.7	158.1
35°	380.8	370.9	359.6	347.0	331.9	313.5	291.4	264.8	234.4	200.6	165.7
32.5°	386.6	376.7	365.1	352.7	338.9	321.9	299.7	272.9	242.6	209.0	172.9
30°	391.8	381.2	370.3	357.9	345.0	328.1	306.7	280.4	250.2	216.8	179.6
27.5°	396.2	385.1	374.9	362.4	349.4	333.7	313.1	287.4	257.3	223.5	185.8
25°	400.2	388.7	378.1	366.4	353.3	338.9	319.0	293.7	263.2	229.3	191.5
22.5°	403.8	392.1	380.8	370.1	356.7	343.7	323.9	298.5	268.4	234.4	196.7
20°	406.9	395.0	383.0	372.9	359.6	346.5	327.8	302.9	273.0	239.0	201.3
17.5°	409.8	397.5	385.3	374.6	362.0	348.9	331.3	306.8	277.0	243.1	205.3
15°	412.3	399.4	387.2	375.9	364.0	351.0	334.4	310.2	280.5	246.6	208.7
12.5°	414.4	400.7	388.7	376.9	365.5	352.6	337.1	313.1	283.4	249.5	211.6
10°	416.1	401.4	389.8	377.7	366.6	353.8	339.4	315.5	285.7	251.8	213.9
7.5°	417.3	401.6	390.5	378.1	367.3	354.7	340.8	317.1	287.4	253.5	215.6
5°	418.3	402.2	391.3	378.8	368.2	355.5	341.5	318.1	288.5	254.7	216.6
2.5°	420.3	403.6	391.9	379.2	368.7	356.0	341.8	318.5	288.9	255.2	217.2
0°	421.6	404.7	392.1	379.4	368.9	356.2	341.5	318.3	288.8	255.1	217.1
-2.5°	420.3	403.6	391.9	379.2	368.7	356.0	341.8	318.5	288.9	255.2	217.2
-5°	418.3	402.2	391.3	378.8	368.2	355.5	341.5	318.1	288.5	254.7	216.6
-7.5°	417.3	401.6	390.5	378.1	367.3	354.7	340.8	317.1	287.4	253.5	215.6
-10°	416.1	401.4	389.8	377.7	366.6	353.8	339.4	315.5	285.7	251.8	213.9
-12.5°	414.4	400.7	388.7	376.9	365.5	352.6	337.1	313.1	283.4	249.5	211.6
-15°	412.3	399.4	387.2	375.9	364.0	351.0	334.4	310.2	280.5	246.6	208.7
-17.5°	409.8	397.5	385.3	374.6	362.0	348.9	331.3	306.8	277.0	243.1	205.3
-20°	406.9	395.0	383.0	372.9	359.6	346.5	327.8	302.9	273.0	239.0	201.3



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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°	403.8	392.1	380.8	370.1	356.7	343.7	323.9	298.5	268.4	234.4	196.7
-25°	400.2	388.7	378.1	366.4	353.3	338.9	319.0	293.7	263.2	229.3	191.5
-27.5°	396.2	385.1	374.9	362.4	349.4	333.7	313.1	287.4	257.3	223.5	185.8
-30°	391.8	381.2	370.3	357.9	345.0	328.1	306.7	280.4	250.2	216.8	179.6
-32.5°	386.6	376.7	365.1	352.7	338.9	321.9	299.7	272.9	242.6	209.0	172.9
-35°	380.8	370.9	359.6	347.0	331.9	313.5	291.4	264.8	234.4	200.6	165.7
-37.5°	374.7	364.3	352.9	340.0	324.4	304.6	281.7	255.3	225.7	191.7	158.1
-40°	367.3	356.9	345.4	331.5	314.9	295.3	271.6	244.9	215.4	182.1	150.1
-42.5°	359.5	348.2	336.1	322.6	304.3	283.9	260.9	233.9	203.9	172.3	141.6
-45°	349.6	338.5	326.0	310.6	292.9	272.0	248.2	222.1	192.1	162.1	133.0
-47.5°	338.8	327.3	314.0	298.3	279.7	259.2	234.9	208.4	179.8	151.5	124.3
-50°	326.6	314.7	300.7	284.2	266.1	244.2	220.8	194.3	167.5	140.6	115.2
-52.5°	313.2	300.6	285.6	269.0	249.8	228.8	204.9	179.9	154.7	129.7	105.7
-55°	298.5	284.2	269.0	251.8	232.8	211.5	188.7	165.3	141.6	118.7	96.1
-57.5°	280.3	266.1	250.3	233.3	214.1	193.4	172.1	150.3	128.6	107.3	87.5
-60°	260.6	245.9	230.6	212.8	194.1	175.0	155.2	135.1	115.5	95.9	78.8
-62.5°	238.9	224.4	207.7	190.9	173.9	156.3	138.1	120.2	102.0	85.4	69.8
-65°	214.3	199.3	184.0	169.2	153.6	137.4	121.3	104.9	89.3	74.6	61.0
-67.5°	187.4	174.1	161.0	147.4	133.1	118.6	104.2	90.2	76.6	63.5	53.5
-70°	160.0	148.7	137.3	124.9	112.2	99.6	87.5	75.3	63.5	54.9	45.9
-72.5°	132.7	123.0	112.7	102.0	91.8	81.4	70.8	61.2	53.9	46.3	38.2
-75°	105.8	97.4	89.2	80.9	72.1	63.4	56.8	50.8	44.3	37.5	31.6
-77.5°	78.7	72.3	66.0	60.6	54.9	49.7	44.9	40.3	35.0	30.1	25.4
-80°	54.2	50.5	46.8	42.9	39.1	35.8	33.4	30.5	26.6	22.8	19.0
-82.5°	32.9	31.4	30.0	28.4	27.0	25.3	23.3	20.9	18.1	15.3	13.3
-85°	20.9	19.9	18.8	17.6	16.3	14.8	13.7	12.5	11.3	10.1	8.9
-87.5°	10.0	9.5	9.0	8.5	8.0	7.4	6.8	6.3	5.7	5.1	4.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	3.8	3.3	2.8	2.1	1.5	0.7	0.0
85°	7.7	6.6	5.5	4.3	2.9	1.5	0.0
82.5°	11.5	9.9	8.2	6.4	4.4	2.2	0.0
80°	15.5	13.2	11.0	8.5	5.9	2.9	0.0
77.5°	20.8	16.9	13.7	10.6	7.3	3.7	0.0
75°	26.2	21.4	16.6	12.7	8.7	4.4	0.0
72.5°	31.4	25.8	20.1	14.8	10.2	5.1	0.0
70°	36.8	30.1	23.6	17.0	11.5	5.8	0.0
67.5°	43.5	34.4	27.0	19.5	12.9	6.5	0.0
65°	50.0	39.2	30.4	22.1	14.3	7.1	0.0
62.5°	56.3	44.4	33.7	24.6	15.6	7.8	0.0
60°	62.5	49.5	37.0	27.0	16.9	8.4	0.0
57.5°	69.9	54.5	40.9	29.4	18.4	9.1	0.0
55°	77.2	59.3	44.7	31.7	20.0	9.7	0.0
52.5°	84.4	64.2	48.4	34.0	21.4	10.3	0.0
50°	91.3	69.9	51.9	36.2	22.9	10.9	0.0
47.5°	98.1	75.5	55.3	38.4	24.3	11.4	0.0
45°	105.5	80.8	58.6	40.8	25.6	11.9	0.0
42.5°	112.6	85.9	61.7	43.2	26.8	12.5	0.0
40°	119.3	90.8	65.2	45.4	28.1	12.9	0.0
37.5°	125.7	95.5	68.9	47.4	29.2	13.4	0.0
35°	131.7	100.3	72.4	49.3	30.3	13.8	0.0
32.5°	137.4	104.9	75.7	51.0	31.3	14.3	0.0
30°	143.1	109.3	78.7	52.7	32.3	14.6	0.0
27.5°	148.4	113.3	81.5	54.2	33.1	15.0	0.0
25°	153.2	116.9	84.1	55.5	34.0	15.3	0.0
22.5°	157.6	120.3	86.5	56.7	34.7	15.6	0.0
20°	161.6	123.3	88.6	57.8	35.4	15.9	0.0
17.5°	165.1	126.0	90.5	58.7	36.0	16.1	0.0
15°	168.3	128.3	92.2	59.5	36.5	16.3	0.0
12.5°	171.0	130.3	93.7	60.1	36.9	16.5	0.0
10°	173.2	132.0	94.8	60.6	37.3	16.6	0.0
7.5°	174.9	133.3	95.8	60.9	37.5	16.8	0.0
5°	176.1	134.2	96.5	61.1	37.7	16.8	0.0
2.5°	176.9	134.7	96.9	61.2	37.9	16.9	0.0
0°	177.1	134.9	97.0	61.1	37.9	16.9	0.0
-2.5°	176.9	134.7	96.9	61.2	37.9	16.9	0.0
-5°	176.1	134.2	96.5	61.1	37.7	16.8	0.0
-7.5°	174.9	133.3	95.8	60.9	37.5	16.8	0.0
-10°	173.2	132.0	94.8	60.6	37.3	16.6	0.0
-12.5°	171.0	130.3	93.7	60.1	36.9	16.5	0.0
-15°	168.3	128.3	92.2	59.5	36.5	16.3	0.0
-17.5°	165.1	126.0	90.5	58.7	36.0	16.1	0.0
-20°	161.6	123.3	88.6	57.8	35.4	15.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	157.6	120.3	86.5	56.7	34.7	15.6	0.0
-25°	153.2	116.9	84.1	55.5	34.0	15.3	0.0
-27.5°	148.4	113.3	81.5	54.2	33.1	15.0	0.0
-30°	143.1	109.3	78.7	52.7	32.3	14.6	0.0
-32.5°	137.4	104.9	75.7	51.0	31.3	14.3	0.0
-35°	131.7	100.3	72.4	49.3	30.3	13.8	0.0
-37.5°	125.7	95.5	68.9	47.4	29.2	13.4	0.0
-40°	119.3	90.8	65.2	45.4	28.1	12.9	0.0
-42.5°	112.6	85.9	61.7	43.2	26.8	12.5	0.0
-45°	105.5	80.8	58.6	40.8	25.6	11.9	0.0
-47.5°	98.1	75.5	55.3	38.4	24.3	11.4	0.0
-50°	91.3	69.9	51.9	36.2	22.9	10.9	0.0
-52.5°	84.4	64.2	48.4	34.0	21.4	10.3	0.0
-55°	77.2	59.3	44.7	31.7	20.0	9.7	0.0
-57.5°	69.9	54.5	40.9	29.4	18.4	9.1	0.0
-60°	62.5	49.5	37.0	27.0	16.9	8.4	0.0
-62.5°	56.3	44.4	33.7	24.6	15.6	7.8	0.0
-65°	50.0	39.2	30.4	22.1	14.3	7.1	0.0
-67.5°	43.5	34.4	27.0	19.5	12.9	6.5	0.0
-70°	36.8	30.1	23.6	17.0	11.5	5.8	0.0
-72.5°	31.4	25.8	20.1	14.8	10.2	5.1	0.0
-75°	26.2	21.4	16.6	12.7	8.7	4.4	0.0
-77.5°	20.8	16.9	13.7	10.6	7.3	3.7	0.0
-80°	15.5	13.2	11.0	8.5	5.9	2.9	0.0
-82.5°	11.5	9.9	8.2	6.4	4.4	2.2	0.0
-85°	7.7	6.6	5.5	4.3	2.9	1.5	0.0
-87.5°	3.8	3.3	2.8	2.1	1.5	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)