

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: P559009 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-927-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559009 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA5B-927-U-TSB-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, TIGHT SPOT BAFFLE N1
Light Source: (80) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

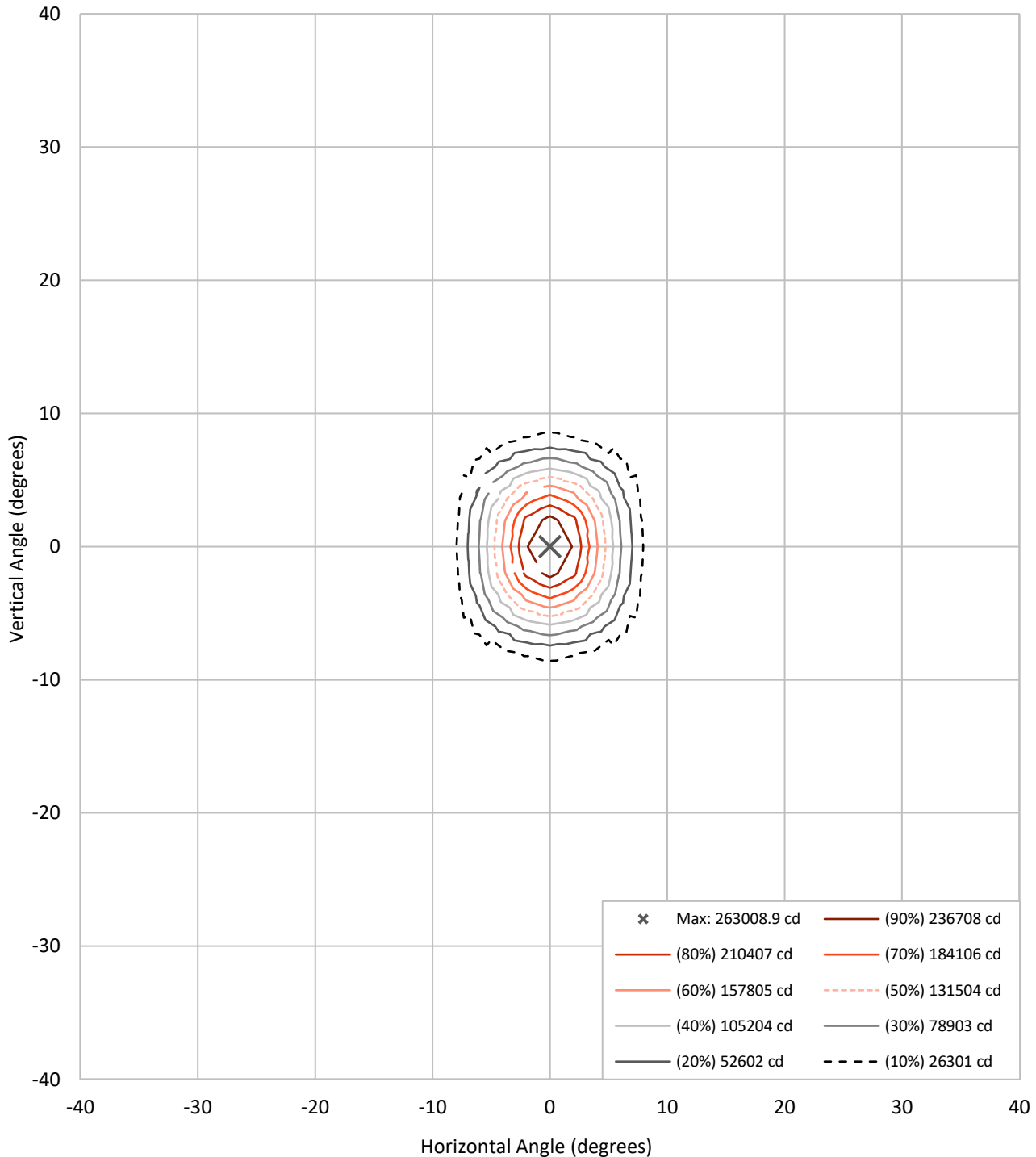
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	10242.1 lumens	Max Intensity:	263008.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	66.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	4390 lumens	Field Lumens:	7566 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 154
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





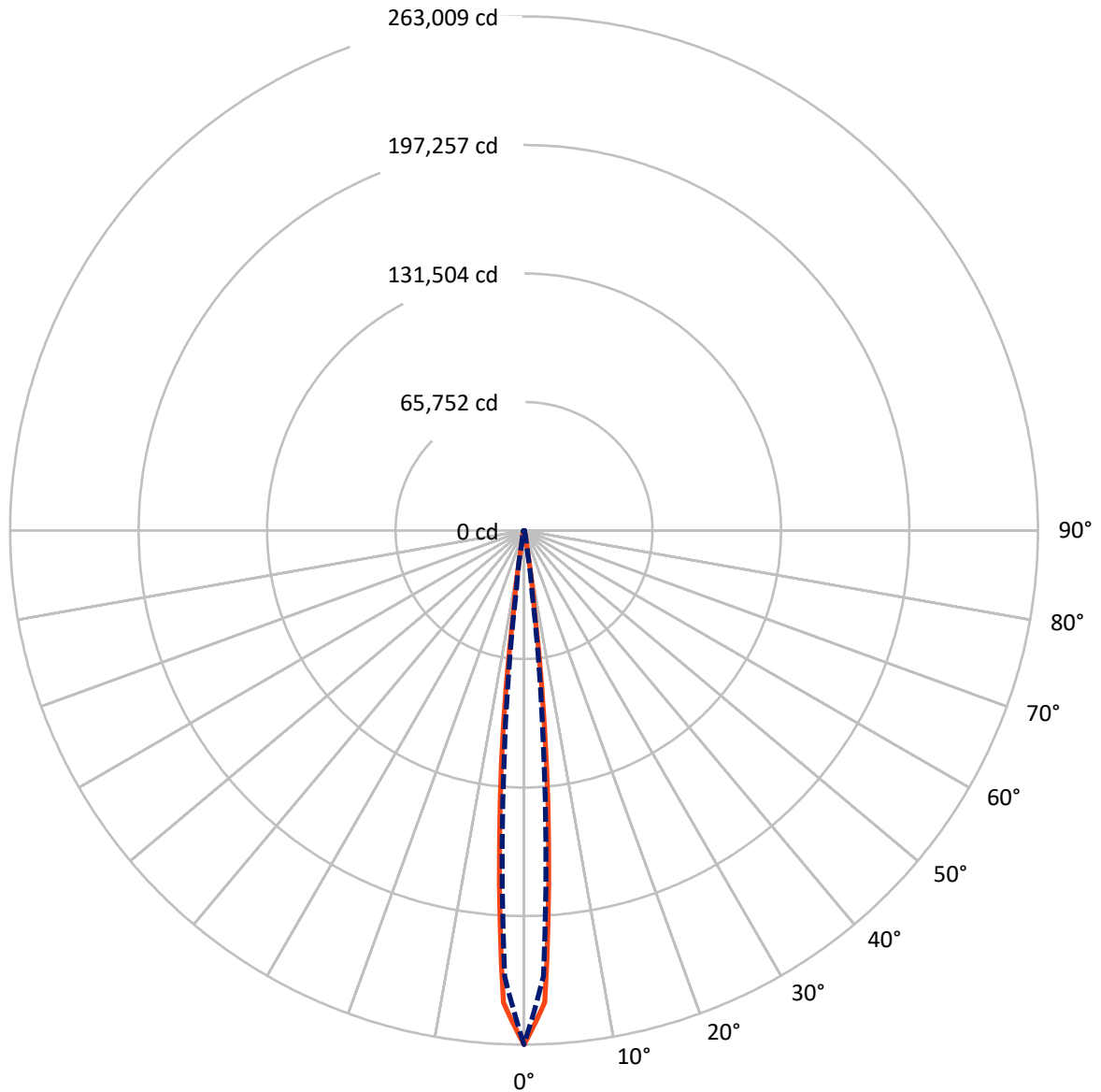
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Lumen Table

90																
80	0.0	0.3		1.1		2.5		4.2		2.5		1.1		0.3		0.0
70																
60	0.2	0.2	0.5	1.1	1.7	2.3	3.6	6.4	6.4	3.6	2.3	1.7	1.1	0.5	0.2	0.2
50		0.4	1.0	2.1	3.3	4.5	6.1	8.3	8.3	6.1	4.5	3.3	2.1	1.0	0.4	
40	0.5	0.7	1.6	3.3	5.8	8.7	11.1	13.3	13.3	11.1	8.7	5.8	3.3	1.6	0.7	0.5
30		1.1	2.3	5.0	9.0	12.1	13.7	14.5	14.5	13.7	12.1	9.0	5.0	2.3	1.1	
20	1.0	1.7	3.2	7.0	11.0	13.2	18.0	23.6	23.6	18.0	13.2	11.0	7.0	3.2	1.7	1.0
10		2.2	4.4	8.9	12.2	17.4	35.2	70.3	70.3	35.2	17.4	12.2	8.9	4.4	2.2	
0	1.2	2.5	5.2	9.9	12.7	22.3	69.6	2057.8	2057.8	69.6	22.3	12.7	9.9	5.2	2.5	1.2
-10		2.5	5.2	9.9	12.7	22.3	69.6	2057.8	2057.8	69.6	22.3	12.7	9.9	5.2	2.5	
-20	1.0	2.2	4.4	8.9	12.2	17.4	35.2	70.3	70.3	35.2	17.4	12.2	8.9	4.4	2.2	1.0
-30		1.7	3.2	7.0	11.0	13.2	18.0	23.6	23.6	18.0	13.2	11.0	7.0	3.2	1.7	
-40	0.5	1.1	2.3	5.0	9.0	12.1	13.7	14.5	14.5	13.7	12.1	9.0	5.0	2.3	1.1	0.5
-50		0.7	1.6	3.3	5.8	8.7	11.1	13.3	13.3	11.1	8.7	5.8	3.3	1.6	0.7	
-60	0.2	0.4	1.0	2.1	3.3	4.5	6.1	8.3	8.3	6.1	4.5	3.3	2.1	1.0	0.4	0.2
-70		0.2	0.5	1.1	1.7	2.3	3.6	6.4	6.4	3.6	2.3	1.7	1.1	0.5	0.2	
-80																
-90	0.0	0.3		1.1		2.5		4.2		2.5		1.1		0.3		0.0

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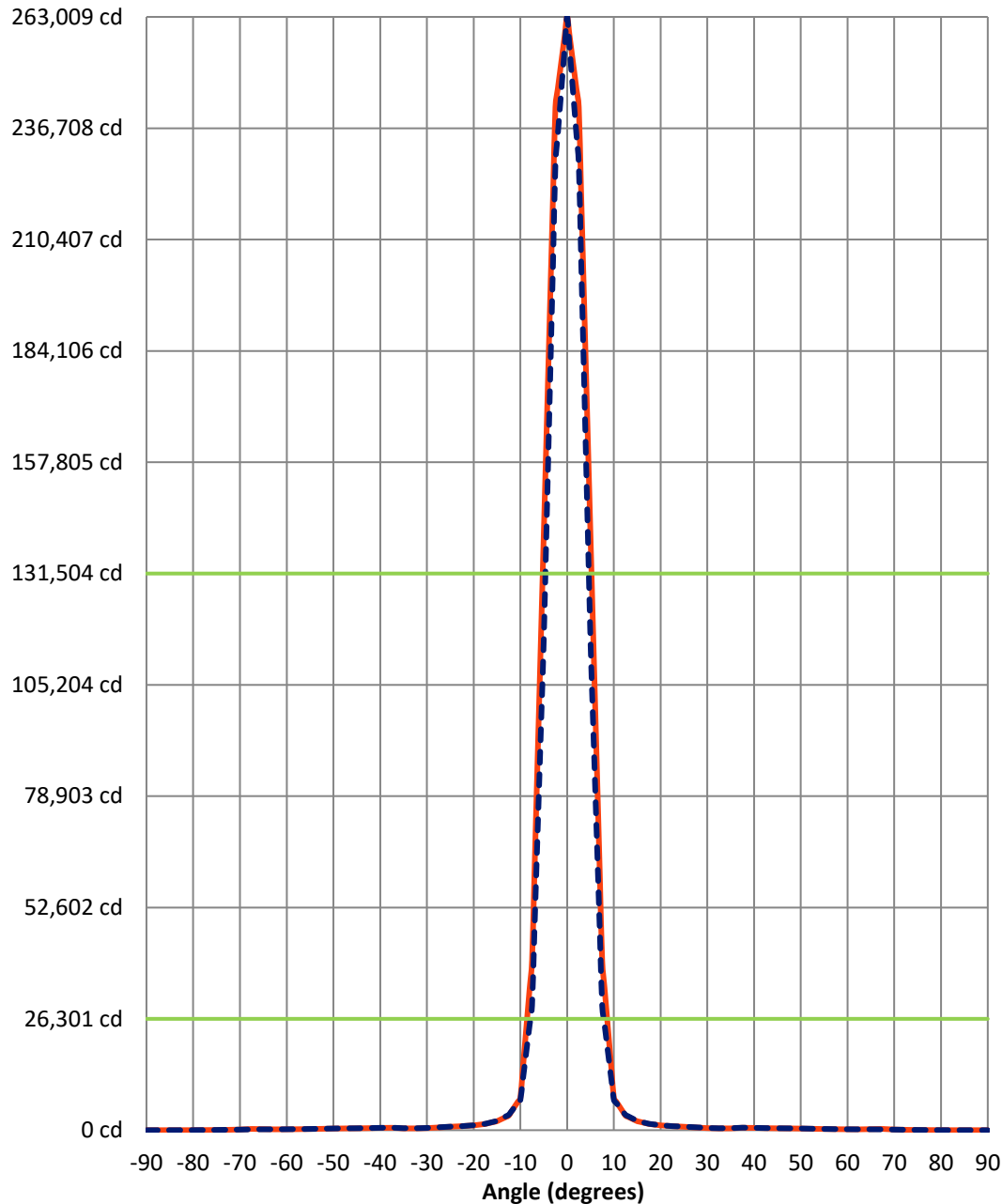
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 10.4°
Lumens: 4390
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 7566
Efficiency: 73.9%

Spill:
Lumens: 2676.1
Efficiency: 26.1%

— 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	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.3
85°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.0	2.3	2.5
82.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.0	3.0	3.0
80°	0.0	0.5	1.0	1.6	2.1	2.6	3.0	3.0	3.0	3.0	3.0
77.5°	0.0	0.6	1.3	1.9	2.6	3.0	3.0	3.0	3.0	3.0	3.3
75°	0.0	0.8	1.6	2.3	3.0	3.0	3.0	3.0	3.1	4.0	4.6
72.5°	0.0	0.9	1.8	2.7	3.0	3.0	3.0	3.3	4.4	5.3	5.9
70°	0.0	1.0	2.0	3.0	3.0	3.0	3.1	4.5	5.7	6.6	8.2
67.5°	0.0	1.1	2.3	3.0	3.0	3.0	4.3	5.8	7.0	9.0	10.8
65°	0.0	1.3	2.5	3.0	3.0	3.5	5.4	7.0	9.3	11.5	13.7
62.5°	0.0	1.4	2.8	3.0	3.0	4.5	6.5	8.8	11.6	14.2	17.6
60°	0.0	1.5	3.0	3.0	3.0	5.5	7.7	10.9	13.8	17.9	21.5
57.5°	0.0	1.6	3.0	3.0	3.8	6.5	9.6	13.0	17.0	21.7	26.0
55°	0.0	1.7	3.0	3.0	4.6	7.4	11.6	15.2	20.5	25.6	30.9
52.5°	0.0	1.8	3.1	3.0	5.4	8.6	13.8	18.5	24.0	30.3	35.9
50°	0.0	1.9	3.1	3.0	6.2	10.4	15.9	22.1	27.7	35.0	41.9
47.5°	0.0	2.0	3.1	3.1	6.9	12.3	18.3	25.8	32.0	39.7	48.2
45°	0.0	2.1	3.2	3.7	7.7	14.2	21.6	29.7	37.2	45.7	54.7
42.5°	0.0	2.2	3.2	4.3	8.4	16.1	25.0	34.0	42.5	51.7	62.5
40°	0.0	2.3	3.3	4.8	9.5	18.0	28.4	38.9	48.4	58.1	70.6
37.5°	0.0	2.4	3.3	5.3	11.0	19.9	31.9	43.8	55.1	66.1	79.1
35°	0.0	2.5	3.4	5.7	12.4	22.3	35.4	48.8	61.9	75.4	87.3
32.5°	0.0	2.5	3.5	6.2	13.8	25.1	39.1	53.8	68.7	85.0	97.5
30°	0.0	2.6	3.5	6.5	15.1	27.8	43.2	59.1	75.6	95.0	109.1
27.5°	0.0	2.7	3.6	6.8	16.0	30.4	47.2	64.8	83.1	105.2	121.9
25°	0.0	2.7	3.7	7.1	16.7	33.0	51.2	70.4	91.5	115.8	135.6
22.5°	0.0	2.8	3.8	7.3	17.2	35.0	55.1	75.9	99.9	127.1	147.3
20°	0.0	2.8	3.9	7.4	17.6	35.8	58.9	81.2	108.2	138.7	158.8
17.5°	0.0	2.9	4.0	7.6	17.9	36.2	60.9	86.4	116.4	150.7	170.1
15°	0.0	2.9	4.0	7.7	18.0	36.4	61.6	90.1	124.4	162.9	181.1
12.5°	0.0	2.9	4.1	7.7	18.0	36.4	62.0	92.1	129.6	175.0	192.0
10°	0.0	3.0	4.2	7.7	17.9	36.1	62.2	93.8	132.2	179.6	199.6
7.5°	0.0	3.0	4.3	7.7	17.7	35.6	62.0	95.2	134.2	182.4	201.0
5°	0.0	3.0	4.4	7.7	17.4	34.9	61.6	96.3	135.5	184.3	202.1
2.5°	0.0	3.0	4.4	7.6	17.0	34.0	60.8	97.1	136.2	185.4	203.0
0°	0.0	3.0	4.5	7.5	16.5	32.9	59.8	97.3	136.2	185.5	203.5
-2.5°	0.0	3.0	4.4	7.6	17.0	34.0	60.8	97.1	136.2	185.4	203.0
-5°	0.0	3.0	4.4	7.7	17.4	34.9	61.6	96.3	135.5	184.3	202.1
-7.5°	0.0	3.0	4.3	7.7	17.7	35.6	62.0	95.2	134.2	182.4	201.0
-10°	0.0	3.0	4.2	7.7	17.9	36.1	62.2	93.8	132.2	179.6	199.6
-12.5°	0.0	2.9	4.1	7.7	18.0	36.4	62.0	92.1	129.6	175.0	192.0
-15°	0.0	2.9	4.0	7.7	18.0	36.4	61.6	90.1	124.4	162.9	181.1
-17.5°	0.0	2.9	4.0	7.6	17.9	36.2	60.9	86.4	116.4	150.7	170.1
-20°	0.0	2.8	3.9	7.4	17.6	35.8	58.9	81.2	108.2	138.7	158.8



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 CATALOG NUMBER: GFLD-SA5B-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.8	3.8	7.3	17.2	35.0	55.1	75.9	99.9	127.1	147.3
-25°	0.0	2.7	3.7	7.1	16.7	33.0	51.2	70.4	91.5	115.8	135.6
-27.5°	0.0	2.7	3.6	6.8	16.0	30.4	47.2	64.8	83.1	105.2	121.9
-30°	0.0	2.6	3.5	6.5	15.1	27.8	43.2	59.1	75.6	95.0	109.1
-32.5°	0.0	2.5	3.5	6.2	13.8	25.1	39.1	53.8	68.7	85.0	97.5
-35°	0.0	2.5	3.4	5.7	12.4	22.3	35.4	48.8	61.9	75.4	87.3
-37.5°	0.0	2.4	3.3	5.3	11.0	19.9	31.9	43.8	55.1	66.1	79.1
-40°	0.0	2.3	3.3	4.8	9.5	18.0	28.4	38.9	48.4	58.1	70.6
-42.5°	0.0	2.2	3.2	4.3	8.4	16.1	25.0	34.0	42.5	51.7	62.5
-45°	0.0	2.1	3.2	3.7	7.7	14.2	21.6	29.7	37.2	45.7	54.7
-47.5°	0.0	2.0	3.1	3.1	6.9	12.3	18.3	25.8	32.0	39.7	48.2
-50°	0.0	1.9	3.1	3.0	6.2	10.4	15.9	22.1	27.7	35.0	41.9
-52.5°	0.0	1.8	3.1	3.0	5.4	8.6	13.8	18.5	24.0	30.3	35.9
-55°	0.0	1.7	3.0	3.0	4.6	7.4	11.6	15.2	20.5	25.6	30.9
-57.5°	0.0	1.6	3.0	3.0	3.8	6.5	9.6	13.0	17.0	21.7	26.0
-60°	0.0	1.5	3.0	3.0	3.0	5.5	7.7	10.9	13.8	17.9	21.5
-62.5°	0.0	1.4	2.8	3.0	3.0	4.5	6.5	8.8	11.6	14.2	17.6
-65°	0.0	1.3	2.5	3.0	3.0	3.5	5.4	7.0	9.3	11.5	13.7
-67.5°	0.0	1.1	2.3	3.0	3.0	3.0	4.3	5.8	7.0	9.0	10.8
-70°	0.0	1.0	2.0	3.0	3.0	3.0	3.1	4.5	5.7	6.6	8.2
-72.5°	0.0	0.9	1.8	2.7	3.0	3.0	3.0	3.3	4.4	5.3	5.9
-75°	0.0	0.8	1.6	2.3	3.0	3.0	3.0	3.0	3.1	4.0	4.6
-77.5°	0.0	0.6	1.3	1.9	2.6	3.0	3.0	3.0	3.0	3.0	3.3
-80°	0.0	0.5	1.0	1.6	2.1	2.6	3.0	3.0	3.0	3.0	3.0
-82.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.0	3.0	3.0
-85°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.0	2.3	2.5
-87.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA5B-927-U-TSB-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°	1.2	1.1	1.0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.2
85°	2.4	2.3	2.0	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4
82.5°	2.8	2.6	2.6	2.6	2.7	2.9	3.1	3.4	3.6	3.9	4.1
80°	2.9	3.0	3.4	3.9	4.3	4.7	5.1	5.5	5.8	6.4	7.2
77.5°	3.9	4.5	5.0	5.6	6.2	7.4	8.4	9.2	10.2	11.4	12.7
75°	5.2	5.9	7.4	9.1	10.6	11.7	12.8	14.4	16.4	18.6	20.7
72.5°	7.2	9.0	11.0	13.1	15.6	17.7	19.7	21.7	24.9	28.4	31.1
70°	9.9	12.1	15.2	18.6	21.8	24.6	28.6	33.5	38.5	41.0	42.5
67.5°	12.7	16.3	20.1	24.1	28.6	33.3	38.9	44.2	49.3	51.3	53.2
65°	16.5	20.6	25.2	30.2	35.4	41.0	46.8	52.7	57.9	60.6	63.6
62.5°	20.3	25.2	30.6	36.2	41.9	48.0	55.0	60.9	65.4	70.8	77.1
60°	25.0	29.9	36.0	42.2	48.8	57.2	64.2	70.8	76.9	83.0	92.5
57.5°	29.9	34.6	41.4	48.8	57.8	67.4	75.4	82.5	90.9	99.6	109.2
55°	35.3	39.5	47.2	56.3	66.6	78.1	87.4	97.2	106.8	114.7	123.2
52.5°	41.5	45.3	53.3	63.7	75.8	88.6	101.1	111.3	120.2	128.8	138.5
50°	47.9	52.8	59.3	71.8	85.2	99.7	113.9	124.1	134.3	144.4	155.3
47.5°	55.4	60.8	66.2	79.8	95.0	109.9	124.5	137.6	148.8	162.3	174.8
45°	63.5	69.9	75.7	88.3	103.9	119.1	135.3	151.0	166.9	182.8	202.7
42.5°	72.1	79.1	86.5	96.3	111.9	128.7	146.1	167.0	187.1	209.2	235.1
40°	80.5	88.1	97.1	105.9	119.7	138.4	159.7	183.1	211.5	240.2	271.5
37.5°	88.6	97.5	107.1	116.2	128.4	149.5	173.0	202.9	237.1	273.3	313.1
35°	96.6	106.5	116.3	127.0	140.7	161.2	190.1	224.0	265.0	310.8	347.2
32.5°	104.5	115.1	125.0	138.0	154.9	175.9	206.7	249.3	296.6	343.0	367.5
30°	114.3	122.8	133.7	148.3	168.7	195.4	228.8	274.8	328.6	360.4	383.0
27.5°	127.4	130.5	142.8	159.9	182.9	214.6	256.2	304.0	348.5	376.4	396.6
25°	140.3	143.5	151.3	171.5	199.9	237.3	284.0	338.5	365.0	388.5	412.0
22.5°	152.7	156.0	165.8	182.5	216.4	260.5	314.8	362.5	387.7	402.6	428.1
20°	164.3	169.5	181.4	200.8	233.3	282.4	344.6	384.7	408.6	426.6	450.1
17.5°	175.5	182.6	197.3	220.9	257.1	307.1	371.7	406.7	430.2	447.5	476.6
15°	186.3	195.4	212.5	239.6	279.3	333.4	389.8	424.9	450.1	467.1	501.1
12.5°	196.8	207.8	227.1	257.1	299.2	356.4	405.1	436.6	461.7	487.8	522.9
10°	206.9	219.9	241.0	273.2	317.1	376.2	417.9	446.0	471.1	504.3	540.9
7.5°	208.5	225.9	252.4	288.1	332.9	393.0	428.5	453.3	480.5	519.4	557.2
5°	208.5	225.5	253.2	291.9	340.5	402.9	435.9	458.8	489.7	532.8	571.7
2.5°	208.3	224.4	253.5	293.2	342.4	403.9	436.9	460.3	494.9	546.0	585.1
0°	208.0	222.9	252.9	293.3	342.6	402.5	436.9	460.8	498.2	558.1	597.0
-2.5°	208.3	224.4	253.5	293.2	342.4	403.9	436.9	460.3	494.9	546.0	585.1
-5°	208.5	225.5	253.2	291.9	340.5	402.9	435.9	458.8	489.7	532.8	571.7
-7.5°	208.5	225.9	252.4	288.1	332.9	393.0	428.5	453.3	480.5	519.4	557.2
-10°	206.9	219.9	241.0	273.2	317.1	376.2	417.9	446.0	471.1	504.3	540.9
-12.5°	196.8	207.8	227.1	257.1	299.2	356.4	405.1	436.6	461.7	487.8	522.9
-15°	186.3	195.4	212.5	239.6	279.3	333.4	389.8	424.9	450.1	467.1	501.1
-17.5°	175.5	182.6	197.3	220.9	257.1	307.1	371.7	406.7	430.2	447.5	476.6
-20°	164.3	169.5	181.4	200.8	233.3	282.4	344.6	384.7	408.6	426.6	450.1



REPORT NUMBER: P559009 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	152.7	156.0	165.8	182.5	216.4	260.5	314.8	362.5	387.7	402.6	428.1
-25°	140.3	143.5	151.3	171.5	199.9	237.3	284.0	338.5	365.0	388.5	412.0
-27.5°	127.4	130.5	142.8	159.9	182.9	214.6	256.2	304.0	348.5	376.4	396.6
-30°	114.3	122.8	133.7	148.3	168.7	195.4	228.8	274.8	328.6	360.4	383.0
-32.5°	104.5	115.1	125.0	138.0	154.9	175.9	206.7	249.3	296.6	343.0	367.5
-35°	96.6	106.5	116.3	127.0	140.7	161.2	190.1	224.0	265.0	310.8	347.2
-37.5°	88.6	97.5	107.1	116.2	128.4	149.5	173.0	202.9	237.1	273.3	313.1
-40°	80.5	88.1	97.1	105.9	119.7	138.4	159.7	183.1	211.5	240.2	271.5
-42.5°	72.1	79.1	86.5	96.3	111.9	128.7	146.1	167.0	187.1	209.2	235.1
-45°	63.5	69.9	75.7	88.3	103.9	119.1	135.3	151.0	166.9	182.8	202.7
-47.5°	55.4	60.8	66.2	79.8	95.0	109.9	124.5	137.6	148.8	162.3	174.8
-50°	47.9	52.8	59.3	71.8	85.2	99.7	113.9	124.1	134.3	144.4	155.3
-52.5°	41.5	45.3	53.3	63.7	75.8	88.6	101.1	111.3	120.2	128.8	138.5
-55°	35.3	39.5	47.2	56.3	66.6	78.1	87.4	97.2	106.8	114.7	123.2
-57.5°	29.9	34.6	41.4	48.8	57.8	67.4	75.4	82.5	90.9	99.6	109.2
-60°	25.0	29.9	36.0	42.2	48.8	57.2	64.2	70.8	76.9	83.0	92.5
-62.5°	20.3	25.2	30.6	36.2	41.9	48.0	55.0	60.9	65.4	70.8	77.1
-65°	16.5	20.6	25.2	30.2	35.4	41.0	46.8	52.7	57.9	60.6	63.6
-67.5°	12.7	16.3	20.1	24.1	28.6	33.3	38.9	44.2	49.3	51.3	53.2
-70°	9.9	12.1	15.2	18.6	21.8	24.6	28.6	33.5	38.5	41.0	42.5
-72.5°	7.2	9.0	11.0	13.1	15.6	17.7	19.7	21.7	24.9	28.4	31.1
-75°	5.2	5.9	7.4	9.1	10.6	11.7	12.8	14.4	16.4	18.6	20.7
-77.5°	3.9	4.5	5.0	5.6	6.2	7.4	8.4	9.2	10.2	11.4	12.7
-80°	2.9	3.0	3.4	3.9	4.3	4.7	5.1	5.5	5.8	6.4	7.2
-82.5°	2.8	2.6	2.6	2.6	2.7	2.9	3.1	3.4	3.6	3.9	4.1
-85°	2.4	2.3	2.0	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4
-87.5°	1.2	1.1	1.0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.2
-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: P559009 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5
85°	2.5	2.5	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0
82.5°	4.4	4.6	4.8	5.0	5.2	5.3	5.5	5.6	5.7	5.8	5.9
80°	8.0	8.6	9.1	9.5	9.8	10.8	12.1	13.5	15.0	15.5	15.9
77.5°	14.3	15.3	16.0	16.5	16.8	19.1	22.1	25.3	28.5	30.2	31.6
75°	22.7	23.9	24.7	25.3	25.7	29.2	34.6	40.2	45.9	49.0	51.1
72.5°	32.8	33.9	34.7	35.4	35.8	41.1	50.7	61.1	72.2	79.0	83.9
70°	43.8	45.0	45.9	46.7	47.3	53.7	67.6	82.1	97.1	112.2	128.2
67.5°	55.3	57.8	59.1	59.9	60.7	66.1	80.9	94.5	107.2	134.4	177.2
65°	67.9	73.7	76.1	77.5	78.0	80.5	93.1	104.5	114.8	136.0	168.7
62.5°	84.1	91.7	95.2	96.7	97.6	97.8	108.1	117.7	126.5	139.7	160.5
60°	101.4	109.6	113.9	115.1	115.8	116.2	124.4	133.9	142.7	153.4	172.8
57.5°	117.3	125.0	131.4	133.9	135.8	137.3	144.5	155.6	166.0	176.8	197.6
55°	132.4	141.7	150.6	155.5	160.1	164.1	171.3	185.3	198.7	211.3	232.9
52.5°	148.9	160.9	172.7	181.5	190.2	197.9	205.6	223.7	241.6	258.4	279.5
50°	168.6	183.4	200.6	215.1	227.6	239.9	250.9	272.4	296.6	319.6	341.7
47.5°	193.7	213.1	235.1	255.8	272.7	291.7	309.0	331.1	352.5	373.9	392.2
45°	224.4	251.3	276.7	304.1	328.3	340.9	350.9	364.7	386.6	407.6	424.7
42.5°	263.6	295.0	326.2	346.7	362.2	372.4	379.6	386.9	409.9	430.2	446.8
40°	307.2	338.8	358.1	374.8	385.5	394.6	406.0	417.3	435.4	456.2	474.6
37.5°	345.1	365.4	382.3	395.4	408.4	420.5	436.9	453.1	470.3	493.6	510.7
35°	368.5	386.2	403.4	419.9	436.5	455.1	475.7	499.5	520.6	501.4	473.6
32.5°	386.3	404.5	425.2	450.7	473.6	499.0	524.8	483.4	441.0	424.4	427.8
30°	401.7	422.9	451.5	484.7	516.5	505.2	448.7	428.9	434.8	446.4	468.7
27.5°	418.3	444.7	479.5	520.4	495.3	432.8	436.1	447.5	486.3	519.2	569.0
25°	437.9	469.8	513.0	494.1	436.8	442.8	471.7	515.5	589.3	658.1	718.3
22.5°	461.6	502.1	507.9	436.9	444.7	482.6	541.4	636.2	725.8	809.0	871.1
20°	485.6	532.4	460.4	445.4	478.7	546.4	655.7	764.5	864.5	938.9	1001.1
17.5°	514.3	497.8	446.9	462.9	530.2	647.1	770.1	885.4	979.8	1108.5	1217.9
15°	539.5	464.6	455.1	507.7	609.1	740.6	874.3	977.9	1148.4	1332.7	1519.2
12.5°	525.1	452.8	469.7	547.8	680.9	823.1	941.3	1105.3	1330.9	1600.2	2004.8
10°	503.7	459.4	500.9	603.0	742.4	881.0	1003.7	1218.6	1516.4	2011.0	2648.1
7.5°	487.2	462.2	521.6	645.5	788.2	915.9	1079.5	1340.1	1755.2	2433.7	3790.2
5°	474.6	462.1	531.0	670.1	815.3	940.0	1126.3	1428.5	1989.2	2955.9	5273.9
2.5°	469.0	459.7	533.6	683.3	828.6	953.5	1155.3	1492.0	2136.9	3441.0	6934.9
0°	472.8	454.8	532.6	688.3	836.4	951.6	1159.6	1511.2	2181.5	3620.1	7157.8
-2.5°	469.0	459.7	533.6	683.3	828.6	953.5	1155.3	1492.0	2136.9	3441.0	6934.9
-5°	474.6	462.1	531.0	670.1	815.3	940.0	1126.3	1428.5	1989.2	2955.9	5273.9
-7.5°	487.2	462.2	521.6	645.5	788.2	915.9	1079.5	1340.1	1755.2	2433.7	3790.2
-10°	503.7	459.4	500.9	603.0	742.4	881.0	1003.7	1218.6	1516.4	2011.0	2648.1
-12.5°	525.1	452.8	469.7	547.8	680.9	823.1	941.3	1105.3	1330.9	1600.2	2004.8
-15°	539.5	464.6	455.1	507.7	609.1	740.6	874.3	977.9	1148.4	1332.7	1519.2
-17.5°	514.3	497.8	446.9	462.9	530.2	647.1	770.1	885.4	979.8	1108.5	1217.9
-20°	485.6	532.4	460.4	445.4	478.7	546.4	655.7	764.5	864.5	938.9	1001.1



REPORT NUMBER: P559009 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	461.6	502.1	507.9	436.9	444.7	482.6	541.4	636.2	725.8	809.0	871.1
-25°	437.9	469.8	513.0	494.1	436.8	442.8	471.7	515.5	589.3	658.1	718.3
-27.5°	418.3	444.7	479.5	520.4	495.3	432.8	436.1	447.5	486.3	519.2	569.0
-30°	401.7	422.9	451.5	484.7	516.5	505.2	448.7	428.9	434.8	446.4	468.7
-32.5°	386.3	404.5	425.2	450.7	473.6	499.0	524.8	483.4	441.0	424.4	427.8
-35°	368.5	386.2	403.4	419.9	436.5	455.1	475.7	499.5	520.6	501.4	473.6
-37.5°	345.1	365.4	382.3	395.4	408.4	420.5	436.9	453.1	470.3	493.6	510.7
-40°	307.2	338.8	358.1	374.8	385.5	394.6	406.0	417.3	435.4	456.2	474.6
-42.5°	263.6	295.0	326.2	346.7	362.2	372.4	379.6	386.9	409.9	430.2	446.8
-45°	224.4	251.3	276.7	304.1	328.3	340.9	350.9	364.7	386.6	407.6	424.7
-47.5°	193.7	213.1	235.1	255.8	272.7	291.7	309.0	331.1	352.5	373.9	392.2
-50°	168.6	183.4	200.6	215.1	227.6	239.9	250.9	272.4	296.6	319.6	341.7
-52.5°	148.9	160.9	172.7	181.5	190.2	197.9	205.6	223.7	241.6	258.4	279.5
-55°	132.4	141.7	150.6	155.5	160.1	164.1	171.3	185.3	198.7	211.3	232.9
-57.5°	117.3	125.0	131.4	133.9	135.8	137.3	144.5	155.6	166.0	176.8	197.6
-60°	101.4	109.6	113.9	115.1	115.8	116.2	124.4	133.9	142.7	153.4	172.8
-62.5°	84.1	91.7	95.2	96.7	97.6	97.8	108.1	117.7	126.5	139.7	160.5
-65°	67.9	73.7	76.1	77.5	78.0	80.5	93.1	104.5	114.8	136.0	168.7
-67.5°	55.3	57.8	59.1	59.9	60.7	66.1	80.9	94.5	107.2	134.4	177.2
-70°	43.8	45.0	45.9	46.7	47.3	53.7	67.6	82.1	97.1	112.2	128.2
-72.5°	32.8	33.9	34.7	35.4	35.8	41.1	50.7	61.1	72.2	79.0	83.9
-75°	22.7	23.9	24.7	25.3	25.7	29.2	34.6	40.2	45.9	49.0	51.1
-77.5°	14.3	15.3	16.0	16.5	16.8	19.1	22.1	25.3	28.5	30.2	31.6
-80°	8.0	8.6	9.1	9.5	9.8	10.8	12.1	13.5	15.0	15.5	15.9
-82.5°	4.4	4.6	4.8	5.0	5.2	5.3	5.5	5.6	5.7	5.8	5.9
-85°	2.5	2.5	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0
-87.5°	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559009 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-927-U-TSB-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	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4
85°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9
82.5°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.8	5.7	5.6
80°	16.1	16.3	15.7	15.0	15.7	16.3	16.1	15.9	15.5	15.0	13.5
77.5°	32.9	34.0	32.9	31.4	32.9	34.0	32.9	31.6	30.2	28.5	25.3
75°	53.1	54.8	53.8	52.4	53.8	54.8	53.1	51.1	49.0	45.9	40.2
72.5°	88.6	92.9	91.9	89.8	91.9	92.9	88.6	83.9	79.0	72.2	61.1
70°	145.0	162.1	161.3	157.1	161.3	162.1	145.0	128.2	112.2	97.1	82.1
67.5°	223.6	271.8	287.2	294.8	287.2	271.8	223.6	177.2	134.4	107.2	94.5
65°	199.1	228.2	239.8	248.4	239.8	228.2	199.1	168.7	136.0	114.8	104.5
62.5°	179.1	196.4	200.1	200.5	200.1	196.4	179.1	160.5	139.7	126.5	117.7
60°	191.7	210.1	212.8	209.5	212.8	210.1	191.7	172.8	153.4	142.7	133.9
57.5°	217.7	236.9	240.5	236.4	240.5	236.9	217.7	197.6	176.8	166.0	155.6
55°	253.7	273.1	279.5	278.3	279.5	273.1	253.7	232.9	211.3	198.7	185.3
52.5°	299.6	317.5	324.9	324.7	324.9	317.5	299.6	279.5	258.4	241.6	223.7
50°	360.9	376.9	384.9	386.0	384.9	376.9	360.9	341.7	319.6	296.6	272.4
47.5°	405.2	415.7	421.2	421.9	421.2	415.7	405.2	392.2	373.9	352.5	331.1
45°	432.3	438.0	442.3	445.9	442.3	438.0	432.3	424.7	407.6	386.6	364.7
42.5°	457.8	469.6	478.3	480.3	478.3	469.6	457.8	446.8	430.2	409.9	386.9
40°	492.0	508.3	523.8	540.1	523.8	508.3	492.0	474.6	456.2	435.4	417.3
37.5°	528.5	546.6	561.6	570.1	561.6	546.6	528.5	510.7	493.6	470.3	453.1
35°	454.1	442.2	435.2	432.4	435.2	442.2	454.1	473.6	501.4	520.6	499.5
32.5°	429.8	430.6	429.2	426.4	429.2	430.6	429.8	427.8	424.4	441.0	483.4
30°	485.3	493.2	494.2	493.7	494.2	493.2	485.3	468.7	446.4	434.8	428.9
27.5°	605.9	626.1	632.4	644.9	632.4	626.1	605.9	569.0	519.2	486.3	447.5
25°	764.9	795.4	810.0	815.4	810.0	795.4	764.9	718.3	658.1	589.3	515.5
22.5°	906.2	929.5	943.1	954.6	943.1	929.5	906.2	871.1	809.0	725.8	636.2
20°	1073.6	1116.1	1135.6	1137.1	1135.6	1116.1	1073.6	1001.1	938.9	864.5	764.5
17.5°	1335.0	1417.8	1459.1	1470.8	1459.1	1417.8	1335.0	1217.9	1108.5	979.8	885.4
15°	1747.5	1958.6	2067.3	2118.6	2067.3	1958.6	1747.5	1519.2	1332.7	1148.4	977.9
12.5°	2420.2	2896.4	3281.4	3426.4	3281.4	2896.4	2420.2	2004.8	1600.2	1330.9	1105.3
10°	3753.2	5175.2	6836.2	7611.2	6836.2	5175.2	3753.2	2648.1	2011.0	1516.4	1218.6
7.5°	7261.0	16858.6	32674.8	40219.5	32674.8	16858.6	7261.0	3790.2	2433.7	1755.2	1340.1
5°	15476.9	66793.6	119618.9	140502.6	119618.9	66793.6	15476.9	5273.9	2955.9	1989.2	1428.5
2.5°	24651.4	109550.2	206703.5	241696.9	206703.5	109550.2	24651.4	6934.9	3441.0	2136.9	1492.0
0°	29453.5	115445.7	228092.7	263008.9	228092.7	115445.7	29453.5	7157.8	3620.1	2181.5	1511.2
-2.5°	24651.4	109550.2	206703.5	241696.9	206703.5	109550.2	24651.4	6934.9	3441.0	2136.9	1492.0
-5°	15476.9	66793.6	119618.9	140502.6	119618.9	66793.6	15476.9	5273.9	2955.9	1989.2	1428.5
-7.5°	7261.0	16858.6	32674.8	40219.5	32674.8	16858.6	7261.0	3790.2	2433.7	1755.2	1340.1
-10°	3753.2	5175.2	6836.2	7611.2	6836.2	5175.2	3753.2	2648.1	2011.0	1516.4	1218.6
-12.5°	2420.2	2896.4	3281.4	3426.4	3281.4	2896.4	2420.2	2004.8	1600.2	1330.9	1105.3
-15°	1747.5	1958.6	2067.3	2118.6	2067.3	1958.6	1747.5	1519.2	1332.7	1148.4	977.9
-17.5°	1335.0	1417.8	1459.1	1470.8	1459.1	1417.8	1335.0	1217.9	1108.5	979.8	885.4
-20°	1073.6	1116.1	1135.6	1137.1	1135.6	1116.1	1073.6	1001.1	938.9	864.5	764.5



REPORT NUMBER: P559009 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	906.2	929.5	943.1	954.6	943.1	929.5	906.2	871.1	809.0	725.8	636.2
-25°	764.9	795.4	810.0	815.4	810.0	795.4	764.9	718.3	658.1	589.3	515.5
-27.5°	605.9	626.1	632.4	644.9	632.4	626.1	605.9	569.0	519.2	486.3	447.5
-30°	485.3	493.2	494.2	493.7	494.2	493.2	485.3	468.7	446.4	434.8	428.9
-32.5°	429.8	430.6	429.2	426.4	429.2	430.6	429.8	427.8	424.4	441.0	483.4
-35°	454.1	442.2	435.2	432.4	435.2	442.2	454.1	473.6	501.4	520.6	499.5
-37.5°	528.5	546.6	561.6	570.1	561.6	546.6	528.5	510.7	493.6	470.3	453.1
-40°	492.0	508.3	523.8	540.1	523.8	508.3	492.0	474.6	456.2	435.4	417.3
-42.5°	457.8	469.6	478.3	480.3	478.3	469.6	457.8	446.8	430.2	409.9	386.9
-45°	432.3	438.0	442.3	445.9	442.3	438.0	432.3	424.7	407.6	386.6	364.7
-47.5°	405.2	415.7	421.2	421.9	421.2	415.7	405.2	392.2	373.9	352.5	331.1
-50°	360.9	376.9	384.9	386.0	384.9	376.9	360.9	341.7	319.6	296.6	272.4
-52.5°	299.6	317.5	324.9	324.7	324.9	317.5	299.6	279.5	258.4	241.6	223.7
-55°	253.7	273.1	279.5	278.3	279.5	273.1	253.7	232.9	211.3	198.7	185.3
-57.5°	217.7	236.9	240.5	236.4	240.5	236.9	217.7	197.6	176.8	166.0	155.6
-60°	191.7	210.1	212.8	209.5	212.8	210.1	191.7	172.8	153.4	142.7	133.9
-62.5°	179.1	196.4	200.1	200.5	200.1	196.4	179.1	160.5	139.7	126.5	117.7
-65°	199.1	228.2	239.8	248.4	239.8	228.2	199.1	168.7	136.0	114.8	104.5
-67.5°	223.6	271.8	287.2	294.8	287.2	271.8	223.6	177.2	134.4	107.2	94.5
-70°	145.0	162.1	161.3	157.1	161.3	162.1	145.0	128.2	112.2	97.1	82.1
-72.5°	88.6	92.9	91.9	89.8	91.9	92.9	88.6	83.9	79.0	72.2	61.1
-75°	53.1	54.8	53.8	52.4	53.8	54.8	53.1	51.1	49.0	45.9	40.2
-77.5°	32.9	34.0	32.9	31.4	32.9	34.0	32.9	31.6	30.2	28.5	25.3
-80°	16.1	16.3	15.7	15.0	15.7	16.3	16.1	15.9	15.5	15.0	13.5
-82.5°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.8	5.7	5.6
-85°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9
-87.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559009 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1
85°	2.8	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.1
82.5°	5.5	5.3	5.2	5.0	4.8	4.6	4.4	4.1	3.9	3.6	3.4
80°	12.1	10.8	9.8	9.5	9.1	8.6	8.0	7.2	6.4	5.8	5.5
77.5°	22.1	19.1	16.8	16.5	16.0	15.3	14.3	12.7	11.4	10.2	9.2
75°	34.6	29.2	25.7	25.3	24.7	23.9	22.7	20.7	18.6	16.4	14.4
72.5°	50.7	41.1	35.8	35.4	34.7	33.9	32.8	31.1	28.4	24.9	21.7
70°	67.6	53.7	47.3	46.7	45.9	45.0	43.8	42.5	41.0	38.5	33.5
67.5°	80.9	66.1	60.7	59.9	59.1	57.8	55.3	53.2	51.3	49.3	44.2
65°	93.1	80.5	78.0	77.5	76.1	73.7	67.9	63.6	60.6	57.9	52.7
62.5°	108.1	97.8	97.6	96.7	95.2	91.7	84.1	77.1	70.8	65.4	60.9
60°	124.4	116.2	115.8	115.1	113.9	109.6	101.4	92.5	83.0	76.9	70.8
57.5°	144.5	137.3	135.8	133.9	131.4	125.0	117.3	109.2	99.6	90.9	82.5
55°	171.3	164.1	160.1	155.5	150.6	141.7	132.4	123.2	114.7	106.8	97.2
52.5°	205.6	197.9	190.2	181.5	172.7	160.9	148.9	138.5	128.8	120.2	111.3
50°	250.9	239.9	227.6	215.1	200.6	183.4	168.6	155.3	144.4	134.3	124.1
47.5°	309.0	291.7	272.7	255.8	235.1	213.1	193.7	174.8	162.3	148.8	137.6
45°	350.9	340.9	328.3	304.1	276.7	251.3	224.4	202.7	182.8	166.9	151.0
42.5°	379.6	372.4	362.2	346.7	326.2	295.0	263.6	235.1	209.2	187.1	167.0
40°	406.0	394.6	385.5	374.8	358.1	338.8	307.2	271.5	240.2	211.5	183.1
37.5°	436.9	420.5	408.4	395.4	382.3	365.4	345.1	313.1	273.3	237.1	202.9
35°	475.7	455.1	436.5	419.9	403.4	386.2	368.5	347.2	310.8	265.0	224.0
32.5°	524.8	499.0	473.6	450.7	425.2	404.5	386.3	367.5	343.0	296.6	249.3
30°	448.7	505.2	516.5	484.7	451.5	422.9	401.7	383.0	360.4	328.6	274.8
27.5°	436.1	432.8	495.3	520.4	479.5	444.7	418.3	396.6	376.4	348.5	304.0
25°	471.7	442.8	436.8	494.1	513.0	469.8	437.9	412.0	388.5	365.0	338.5
22.5°	541.4	482.6	444.7	436.9	507.9	502.1	461.6	428.1	402.6	387.7	362.5
20°	655.7	546.4	478.7	445.4	460.4	532.4	485.6	450.1	426.6	408.6	384.7
17.5°	770.1	647.1	530.2	462.9	446.9	497.8	514.3	476.6	447.5	430.2	406.7
15°	874.3	740.6	609.1	507.7	455.1	464.6	539.5	501.1	467.1	450.1	424.9
12.5°	941.3	823.1	680.9	547.8	469.7	452.8	525.1	522.9	487.8	461.7	436.6
10°	1003.7	881.0	742.4	603.0	500.9	459.4	503.7	540.9	504.3	471.1	446.0
7.5°	1079.5	915.9	788.2	645.5	521.6	462.2	487.2	557.2	519.4	480.5	453.3
5°	1126.3	940.0	815.3	670.1	531.0	462.1	474.6	571.7	532.8	489.7	458.8
2.5°	1155.3	953.5	828.6	683.3	533.6	459.7	469.0	585.1	546.0	494.9	460.3
0°	1159.6	951.6	836.4	688.3	532.6	454.8	472.8	597.0	558.1	498.2	460.8
-2.5°	1155.3	953.5	828.6	683.3	533.6	459.7	469.0	585.1	546.0	494.9	460.3
-5°	1126.3	940.0	815.3	670.1	531.0	462.1	474.6	571.7	532.8	489.7	458.8
-7.5°	1079.5	915.9	788.2	645.5	521.6	462.2	487.2	557.2	519.4	480.5	453.3
-10°	1003.7	881.0	742.4	603.0	500.9	459.4	503.7	540.9	504.3	471.1	446.0
-12.5°	941.3	823.1	680.9	547.8	469.7	452.8	525.1	522.9	487.8	461.7	436.6
-15°	874.3	740.6	609.1	507.7	455.1	464.6	539.5	501.1	467.1	450.1	424.9
-17.5°	770.1	647.1	530.2	462.9	446.9	497.8	514.3	476.6	447.5	430.2	406.7
-20°	655.7	546.4	478.7	445.4	460.4	532.4	485.6	450.1	426.6	408.6	384.7



REPORT NUMBER: P559009 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	541.4	482.6	444.7	436.9	507.9	502.1	461.6	428.1	402.6	387.7	362.5
-25°	471.7	442.8	436.8	494.1	513.0	469.8	437.9	412.0	388.5	365.0	338.5
-27.5°	436.1	432.8	495.3	520.4	479.5	444.7	418.3	396.6	376.4	348.5	304.0
-30°	448.7	505.2	516.5	484.7	451.5	422.9	401.7	383.0	360.4	328.6	274.8
-32.5°	524.8	499.0	473.6	450.7	425.2	404.5	386.3	367.5	343.0	296.6	249.3
-35°	475.7	455.1	436.5	419.9	403.4	386.2	368.5	347.2	310.8	265.0	224.0
-37.5°	436.9	420.5	408.4	395.4	382.3	365.4	345.1	313.1	273.3	237.1	202.9
-40°	406.0	394.6	385.5	374.8	358.1	338.8	307.2	271.5	240.2	211.5	183.1
-42.5°	379.6	372.4	362.2	346.7	326.2	295.0	263.6	235.1	209.2	187.1	167.0
-45°	350.9	340.9	328.3	304.1	276.7	251.3	224.4	202.7	182.8	166.9	151.0
-47.5°	309.0	291.7	272.7	255.8	235.1	213.1	193.7	174.8	162.3	148.8	137.6
-50°	250.9	239.9	227.6	215.1	200.6	183.4	168.6	155.3	144.4	134.3	124.1
-52.5°	205.6	197.9	190.2	181.5	172.7	160.9	148.9	138.5	128.8	120.2	111.3
-55°	171.3	164.1	160.1	155.5	150.6	141.7	132.4	123.2	114.7	106.8	97.2
-57.5°	144.5	137.3	135.8	133.9	131.4	125.0	117.3	109.2	99.6	90.9	82.5
-60°	124.4	116.2	115.8	115.1	113.9	109.6	101.4	92.5	83.0	76.9	70.8
-62.5°	108.1	97.8	97.6	96.7	95.2	91.7	84.1	77.1	70.8	65.4	60.9
-65°	93.1	80.5	78.0	77.5	76.1	73.7	67.9	63.6	60.6	57.9	52.7
-67.5°	80.9	66.1	60.7	59.9	59.1	57.8	55.3	53.2	51.3	49.3	44.2
-70°	67.6	53.7	47.3	46.7	45.9	45.0	43.8	42.5	41.0	38.5	33.5
-72.5°	50.7	41.1	35.8	35.4	34.7	33.9	32.8	31.1	28.4	24.9	21.7
-75°	34.6	29.2	25.7	25.3	24.7	23.9	22.7	20.7	18.6	16.4	14.4
-77.5°	22.1	19.1	16.8	16.5	16.0	15.3	14.3	12.7	11.4	10.2	9.2
-80°	12.1	10.8	9.8	9.5	9.1	8.6	8.0	7.2	6.4	5.8	5.5
-82.5°	5.5	5.3	5.2	5.0	4.8	4.6	4.4	4.1	3.9	3.6	3.4
-85°	2.8	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.1
-87.5°	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1
-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: P559009 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.0	1.0	0.9	0.9	1.0	1.1	1.2	1.3	1.1	1.0	0.9
85°	2.0	1.9	1.8	1.7	2.0	2.3	2.4	2.5	2.3	2.0	1.8
82.5°	3.1	2.9	2.7	2.6	2.6	2.6	2.8	3.0	3.0	3.0	2.7
80°	5.1	4.7	4.3	3.9	3.4	3.0	2.9	3.0	3.0	3.0	3.0
77.5°	8.4	7.4	6.2	5.6	5.0	4.5	3.9	3.3	3.0	3.0	3.0
75°	12.8	11.7	10.6	9.1	7.4	5.9	5.2	4.6	4.0	3.1	3.0
72.5°	19.7	17.7	15.6	13.1	11.0	9.0	7.2	5.9	5.3	4.4	3.3
70°	28.6	24.6	21.8	18.6	15.2	12.1	9.9	8.2	6.6	5.7	4.5
67.5°	38.9	33.3	28.6	24.1	20.1	16.3	12.7	10.8	9.0	7.0	5.8
65°	46.8	41.0	35.4	30.2	25.2	20.6	16.5	13.7	11.5	9.3	7.0
62.5°	55.0	48.0	41.9	36.2	30.6	25.2	20.3	17.6	14.2	11.6	8.8
60°	64.2	57.2	48.8	42.2	36.0	29.9	25.0	21.5	17.9	13.8	10.9
57.5°	75.4	67.4	57.8	48.8	41.4	34.6	29.9	26.0	21.7	17.0	13.0
55°	87.4	78.1	66.6	56.3	47.2	39.5	35.3	30.9	25.6	20.5	15.2
52.5°	101.1	88.6	75.8	63.7	53.3	45.3	41.5	35.9	30.3	24.0	18.5
50°	113.9	99.7	85.2	71.8	59.3	52.8	47.9	41.9	35.0	27.7	22.1
47.5°	124.5	109.9	95.0	79.8	66.2	60.8	55.4	48.2	39.7	32.0	25.8
45°	135.3	119.1	103.9	88.3	75.7	69.9	63.5	54.7	45.7	37.2	29.7
42.5°	146.1	128.7	111.9	96.3	86.5	79.1	72.1	62.5	51.7	42.5	34.0
40°	159.7	138.4	119.7	105.9	97.1	88.1	80.5	70.6	58.1	48.4	38.9
37.5°	173.0	149.5	128.4	116.2	107.1	97.5	88.6	79.1	66.1	55.1	43.8
35°	190.1	161.2	140.7	127.0	116.3	106.5	96.6	87.3	75.4	61.9	48.8
32.5°	206.7	175.9	154.9	138.0	125.0	115.1	104.5	97.5	85.0	68.7	53.8
30°	228.8	195.4	168.7	148.3	133.7	122.8	114.3	109.1	95.0	75.6	59.1
27.5°	256.2	214.6	182.9	159.9	142.8	130.5	127.4	121.9	105.2	83.1	64.8
25°	284.0	237.3	199.9	171.5	151.3	143.5	140.3	135.6	115.8	91.5	70.4
22.5°	314.8	260.5	216.4	182.5	165.8	156.0	152.7	147.3	127.1	99.9	75.9
20°	344.6	282.4	233.3	200.8	181.4	169.5	164.3	158.8	138.7	108.2	81.2
17.5°	371.7	307.1	257.1	220.9	197.3	182.6	175.5	170.1	150.7	116.4	86.4
15°	389.8	333.4	279.3	239.6	212.5	195.4	186.3	181.1	162.9	124.4	90.1
12.5°	405.1	356.4	299.2	257.1	227.1	207.8	196.8	192.0	175.0	129.6	92.1
10°	417.9	376.2	317.1	273.2	241.0	219.9	206.9	199.6	179.6	132.2	93.8
7.5°	428.5	393.0	332.9	288.1	252.4	225.9	208.5	201.0	182.4	134.2	95.2
5°	435.9	402.9	340.5	291.9	253.2	225.5	208.5	202.1	184.3	135.5	96.3
2.5°	436.9	403.9	342.4	293.2	253.5	224.4	208.3	203.0	185.4	136.2	97.1
0°	436.9	402.5	342.6	293.3	252.9	222.9	208.0	203.5	185.5	136.2	97.3
-2.5°	436.9	403.9	342.4	293.2	253.5	224.4	208.3	203.0	185.4	136.2	97.1
-5°	435.9	402.9	340.5	291.9	253.2	225.5	208.5	202.1	184.3	135.5	96.3
-7.5°	428.5	393.0	332.9	288.1	252.4	225.9	208.5	201.0	182.4	134.2	95.2
-10°	417.9	376.2	317.1	273.2	241.0	219.9	206.9	199.6	179.6	132.2	93.8
-12.5°	405.1	356.4	299.2	257.1	227.1	207.8	196.8	192.0	175.0	129.6	92.1
-15°	389.8	333.4	279.3	239.6	212.5	195.4	186.3	181.1	162.9	124.4	90.1
-17.5°	371.7	307.1	257.1	220.9	197.3	182.6	175.5	170.1	150.7	116.4	86.4
-20°	344.6	282.4	233.3	200.8	181.4	169.5	164.3	158.8	138.7	108.2	81.2



REPORT NUMBER: P559009 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	314.8	260.5	216.4	182.5	165.8	156.0	152.7	147.3	127.1	99.9	75.9
-25°	284.0	237.3	199.9	171.5	151.3	143.5	140.3	135.6	115.8	91.5	70.4
-27.5°	256.2	214.6	182.9	159.9	142.8	130.5	127.4	121.9	105.2	83.1	64.8
-30°	228.8	195.4	168.7	148.3	133.7	122.8	114.3	109.1	95.0	75.6	59.1
-32.5°	206.7	175.9	154.9	138.0	125.0	115.1	104.5	97.5	85.0	68.7	53.8
-35°	190.1	161.2	140.7	127.0	116.3	106.5	96.6	87.3	75.4	61.9	48.8
-37.5°	173.0	149.5	128.4	116.2	107.1	97.5	88.6	79.1	66.1	55.1	43.8
-40°	159.7	138.4	119.7	105.9	97.1	88.1	80.5	70.6	58.1	48.4	38.9
-42.5°	146.1	128.7	111.9	96.3	86.5	79.1	72.1	62.5	51.7	42.5	34.0
-45°	135.3	119.1	103.9	88.3	75.7	69.9	63.5	54.7	45.7	37.2	29.7
-47.5°	124.5	109.9	95.0	79.8	66.2	60.8	55.4	48.2	39.7	32.0	25.8
-50°	113.9	99.7	85.2	71.8	59.3	52.8	47.9	41.9	35.0	27.7	22.1
-52.5°	101.1	88.6	75.8	63.7	53.3	45.3	41.5	35.9	30.3	24.0	18.5
-55°	87.4	78.1	66.6	56.3	47.2	39.5	35.3	30.9	25.6	20.5	15.2
-57.5°	75.4	67.4	57.8	48.8	41.4	34.6	29.9	26.0	21.7	17.0	13.0
-60°	64.2	57.2	48.8	42.2	36.0	29.9	25.0	21.5	17.9	13.8	10.9
-62.5°	55.0	48.0	41.9	36.2	30.6	25.2	20.3	17.6	14.2	11.6	8.8
-65°	46.8	41.0	35.4	30.2	25.2	20.6	16.5	13.7	11.5	9.3	7.0
-67.5°	38.9	33.3	28.6	24.1	20.1	16.3	12.7	10.8	9.0	7.0	5.8
-70°	28.6	24.6	21.8	18.6	15.2	12.1	9.9	8.2	6.6	5.7	4.5
-72.5°	19.7	17.7	15.6	13.1	11.0	9.0	7.2	5.9	5.3	4.4	3.3
-75°	12.8	11.7	10.6	9.1	7.4	5.9	5.2	4.6	4.0	3.1	3.0
-77.5°	8.4	7.4	6.2	5.6	5.0	4.5	3.9	3.3	3.0	3.0	3.0
-80°	5.1	4.7	4.3	3.9	3.4	3.0	2.9	3.0	3.0	3.0	3.0
-82.5°	3.1	2.9	2.7	2.6	2.6	2.6	2.8	3.0	3.0	3.0	2.7
-85°	2.0	1.9	1.8	1.7	2.0	2.3	2.4	2.5	2.3	2.0	1.8
-87.5°	1.0	1.0	0.9	0.9	1.0	1.1	1.2	1.3	1.1	1.0	0.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
85°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
82.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
80°	3.0	2.6	2.1	1.6	1.0	0.5	0.0
77.5°	3.0	3.0	2.6	1.9	1.3	0.6	0.0
75°	3.0	3.0	3.0	2.3	1.6	0.8	0.0
72.5°	3.0	3.0	3.0	2.7	1.8	0.9	0.0
70°	3.1	3.0	3.0	3.0	2.0	1.0	0.0
67.5°	4.3	3.0	3.0	3.0	2.3	1.1	0.0
65°	5.4	3.5	3.0	3.0	2.5	1.3	0.0
62.5°	6.5	4.5	3.0	3.0	2.8	1.4	0.0
60°	7.7	5.5	3.0	3.0	3.0	1.5	0.0
57.5°	9.6	6.5	3.8	3.0	3.0	1.6	0.0
55°	11.6	7.4	4.6	3.0	3.0	1.7	0.0
52.5°	13.8	8.6	5.4	3.0	3.1	1.8	0.0
50°	15.9	10.4	6.2	3.0	3.1	1.9	0.0
47.5°	18.3	12.3	6.9	3.1	3.1	2.0	0.0
45°	21.6	14.2	7.7	3.7	3.2	2.1	0.0
42.5°	25.0	16.1	8.4	4.3	3.2	2.2	0.0
40°	28.4	18.0	9.5	4.8	3.3	2.3	0.0
37.5°	31.9	19.9	11.0	5.3	3.3	2.4	0.0
35°	35.4	22.3	12.4	5.7	3.4	2.5	0.0
32.5°	39.1	25.1	13.8	6.2	3.5	2.5	0.0
30°	43.2	27.8	15.1	6.5	3.5	2.6	0.0
27.5°	47.2	30.4	16.0	6.8	3.6	2.7	0.0
25°	51.2	33.0	16.7	7.1	3.7	2.7	0.0
22.5°	55.1	35.0	17.2	7.3	3.8	2.8	0.0
20°	58.9	35.8	17.6	7.4	3.9	2.8	0.0
17.5°	60.9	36.2	17.9	7.6	4.0	2.9	0.0
15°	61.6	36.4	18.0	7.7	4.0	2.9	0.0
12.5°	62.0	36.4	18.0	7.7	4.1	2.9	0.0
10°	62.2	36.1	17.9	7.7	4.2	3.0	0.0
7.5°	62.0	35.6	17.7	7.7	4.3	3.0	0.0
5°	61.6	34.9	17.4	7.7	4.4	3.0	0.0
2.5°	60.8	34.0	17.0	7.6	4.4	3.0	0.0
0°	59.8	32.9	16.5	7.5	4.5	3.0	0.0
-2.5°	60.8	34.0	17.0	7.6	4.4	3.0	0.0
-5°	61.6	34.9	17.4	7.7	4.4	3.0	0.0
-7.5°	62.0	35.6	17.7	7.7	4.3	3.0	0.0
-10°	62.2	36.1	17.9	7.7	4.2	3.0	0.0
-12.5°	62.0	36.4	18.0	7.7	4.1	2.9	0.0
-15°	61.6	36.4	18.0	7.7	4.0	2.9	0.0
-17.5°	60.9	36.2	17.9	7.6	4.0	2.9	0.0
-20°	58.9	35.8	17.6	7.4	3.9	2.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	55.1	35.0	17.2	7.3	3.8	2.8	0.0
-25°	51.2	33.0	16.7	7.1	3.7	2.7	0.0
-27.5°	47.2	30.4	16.0	6.8	3.6	2.7	0.0
-30°	43.2	27.8	15.1	6.5	3.5	2.6	0.0
-32.5°	39.1	25.1	13.8	6.2	3.5	2.5	0.0
-35°	35.4	22.3	12.4	5.7	3.4	2.5	0.0
-37.5°	31.9	19.9	11.0	5.3	3.3	2.4	0.0
-40°	28.4	18.0	9.5	4.8	3.3	2.3	0.0
-42.5°	25.0	16.1	8.4	4.3	3.2	2.2	0.0
-45°	21.6	14.2	7.7	3.7	3.2	2.1	0.0
-47.5°	18.3	12.3	6.9	3.1	3.1	2.0	0.0
-50°	15.9	10.4	6.2	3.0	3.1	1.9	0.0
-52.5°	13.8	8.6	5.4	3.0	3.1	1.8	0.0
-55°	11.6	7.4	4.6	3.0	3.0	1.7	0.0
-57.5°	9.6	6.5	3.8	3.0	3.0	1.6	0.0
-60°	7.7	5.5	3.0	3.0	3.0	1.5	0.0
-62.5°	6.5	4.5	3.0	3.0	2.8	1.4	0.0
-65°	5.4	3.5	3.0	3.0	2.5	1.3	0.0
-67.5°	4.3	3.0	3.0	3.0	2.3	1.1	0.0
-70°	3.1	3.0	3.0	3.0	2.0	1.0	0.0
-72.5°	3.0	3.0	3.0	2.7	1.8	0.9	0.0
-75°	3.0	3.0	3.0	2.3	1.6	0.8	0.0
-77.5°	3.0	3.0	2.6	1.9	1.3	0.6	0.0
-80°	3.0	2.6	2.1	1.6	1.0	0.5	0.0
-82.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
-85°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
-87.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)