

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: P558913 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-927-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558913 (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-SA4C-927-U-TSB-XX
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, TIGHT SPOT BAFFLE N1
Light Source: (64) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

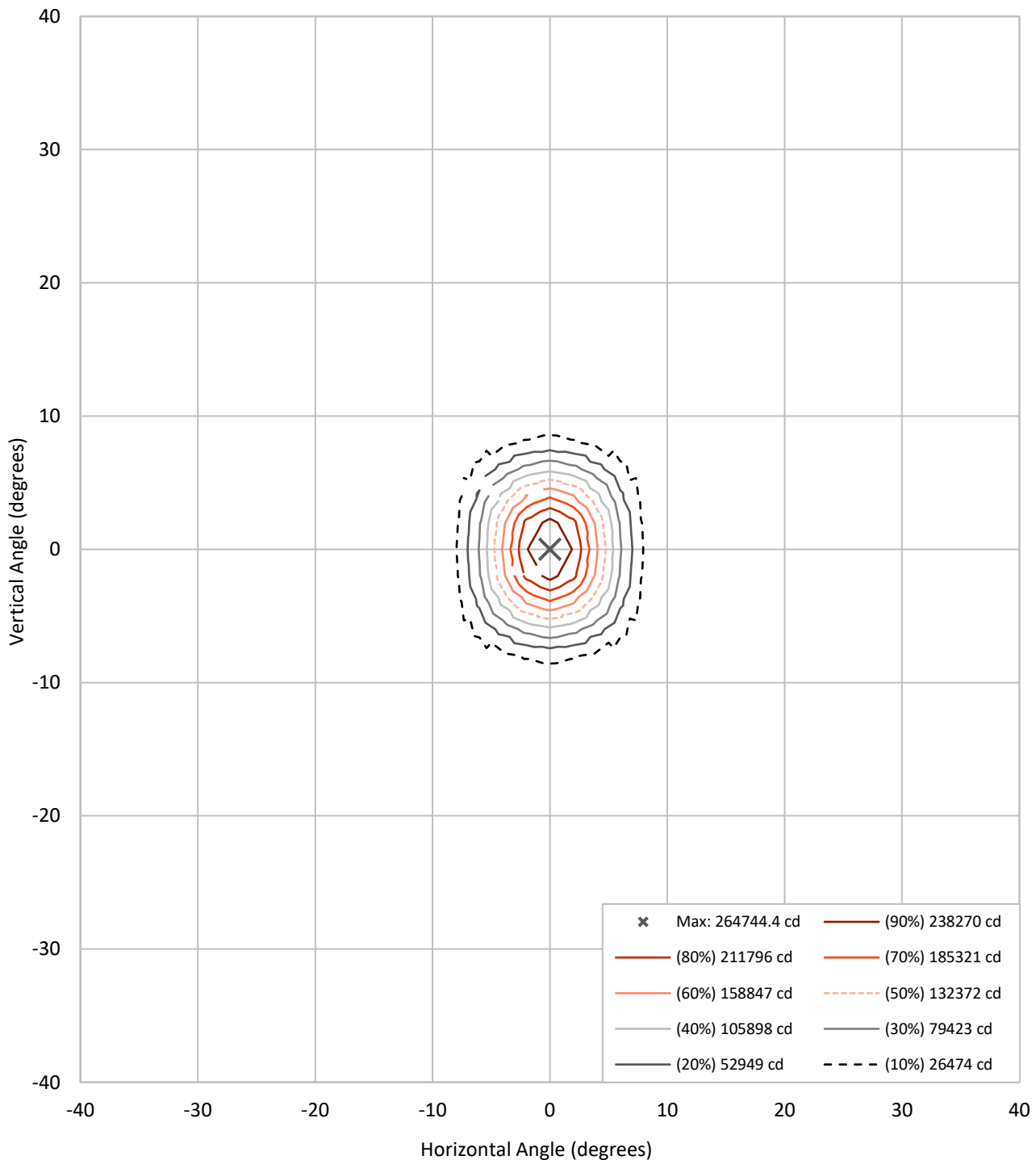
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	10309.7 lumens	Max Intensity:	264744.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	62.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	4418.9 lumens	Field Lumens:	7616 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 164
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: P558913 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





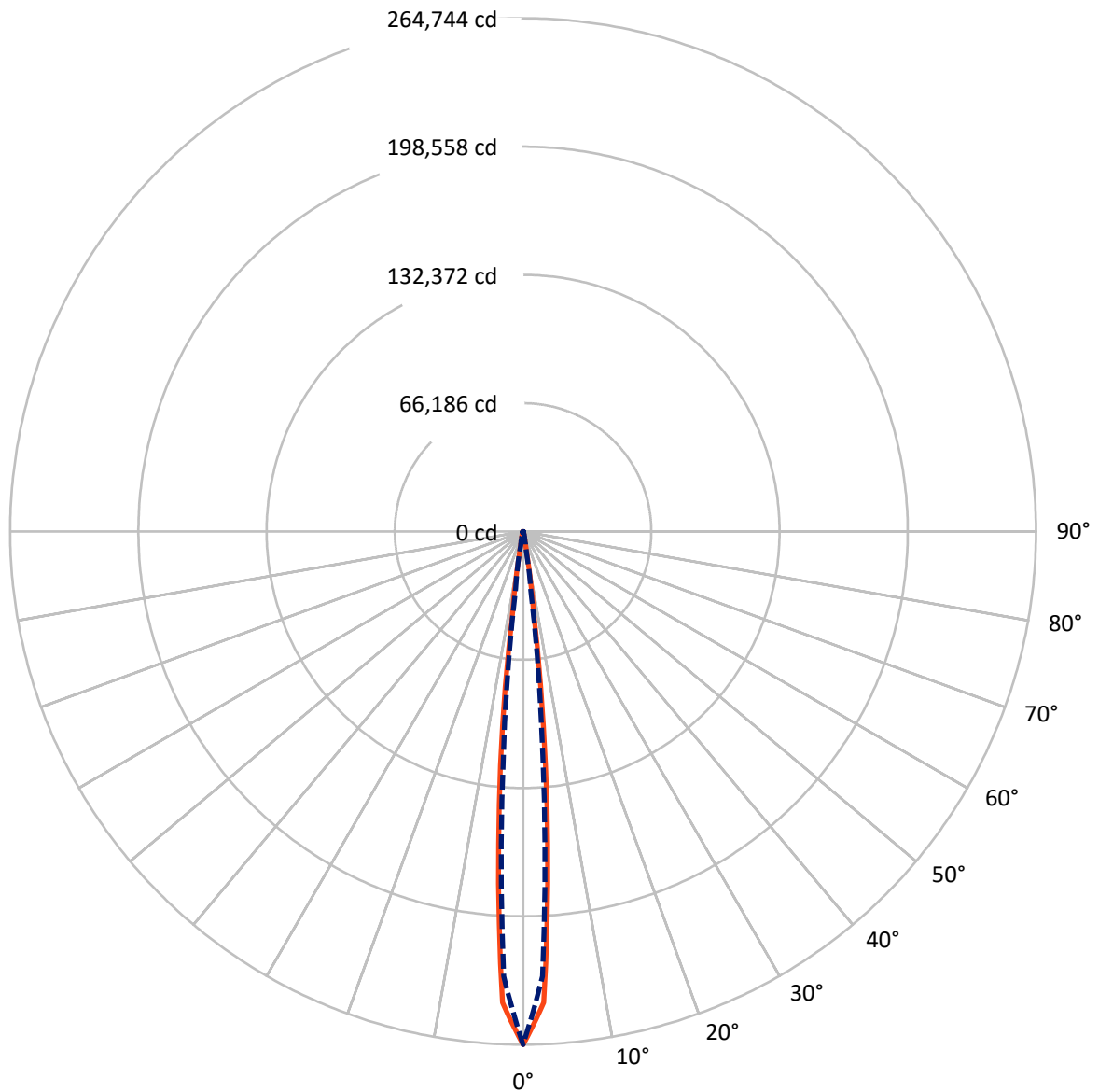
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Lumen Table

90																
80	0.0	0.3		1.1		2.5		4.3		2.5		1.1		0.3		0.0
70																
60	0.2	0.2	0.5	1.1	1.8	2.3	3.6	6.4	6.4	3.6	2.3	1.8	1.1	0.5	0.2	0.2
50		0.4	1.0	2.1	3.4	4.6	6.1	8.3	8.3	6.1	4.6	3.4	2.1	1.0	0.4	
40	0.5	0.7	1.6	3.3	5.8	8.7	11.2	13.4	13.4	11.2	8.7	5.8	3.3	1.6	0.7	0.5
30		1.1	2.3	5.0	9.1	12.2	13.8	14.6	14.6	13.8	12.2	9.1	5.0	2.3	1.1	
20	1.0	1.7	3.2	7.1	11.1	13.3	18.1	23.8	23.8	18.1	13.3	11.1	7.1	3.2	1.7	1.0
10		2.2	4.4	9.0	12.3	17.5	35.4	70.8	70.8	35.4	17.5	12.3	9.0	4.4	2.2	
0	1.2	2.5	5.3	10.0	12.8	22.4	70.0	2071.4	2071.4	70.0	22.4	12.8	10.0	5.3	2.5	1.2
-10		2.5	5.3	10.0	12.8	22.4	70.0	2071.4	2071.4	70.0	22.4	12.8	10.0	5.3	2.5	
-20	1.0	2.2	4.4	9.0	12.3	17.5	35.4	70.8	70.8	35.4	17.5	12.3	9.0	4.4	2.2	1.0
-30		1.7	3.2	7.1	11.1	13.3	18.1	23.8	23.8	18.1	13.3	11.1	7.1	3.2	1.7	
-40	0.5	1.1	2.3	5.0	9.1	12.2	13.8	14.6	14.6	13.8	12.2	9.1	5.0	2.3	1.1	0.5
-50		0.7	1.6	3.3	5.8	8.7	11.2	13.4	13.4	11.2	8.7	5.8	3.3	1.6	0.7	
-60	0.2	0.4	1.0	2.1	3.4	4.6	6.1	8.3	8.3	6.1	4.6	3.4	2.1	1.0	0.4	0.2
-70		0.2	0.5	1.1	1.8	2.3	3.6	6.4	6.4	3.6	2.3	1.8	1.1	0.5	0.2	
-80																
-90	0.0	0.3		1.1		2.5		4.3		2.5		1.1		0.3		0.0

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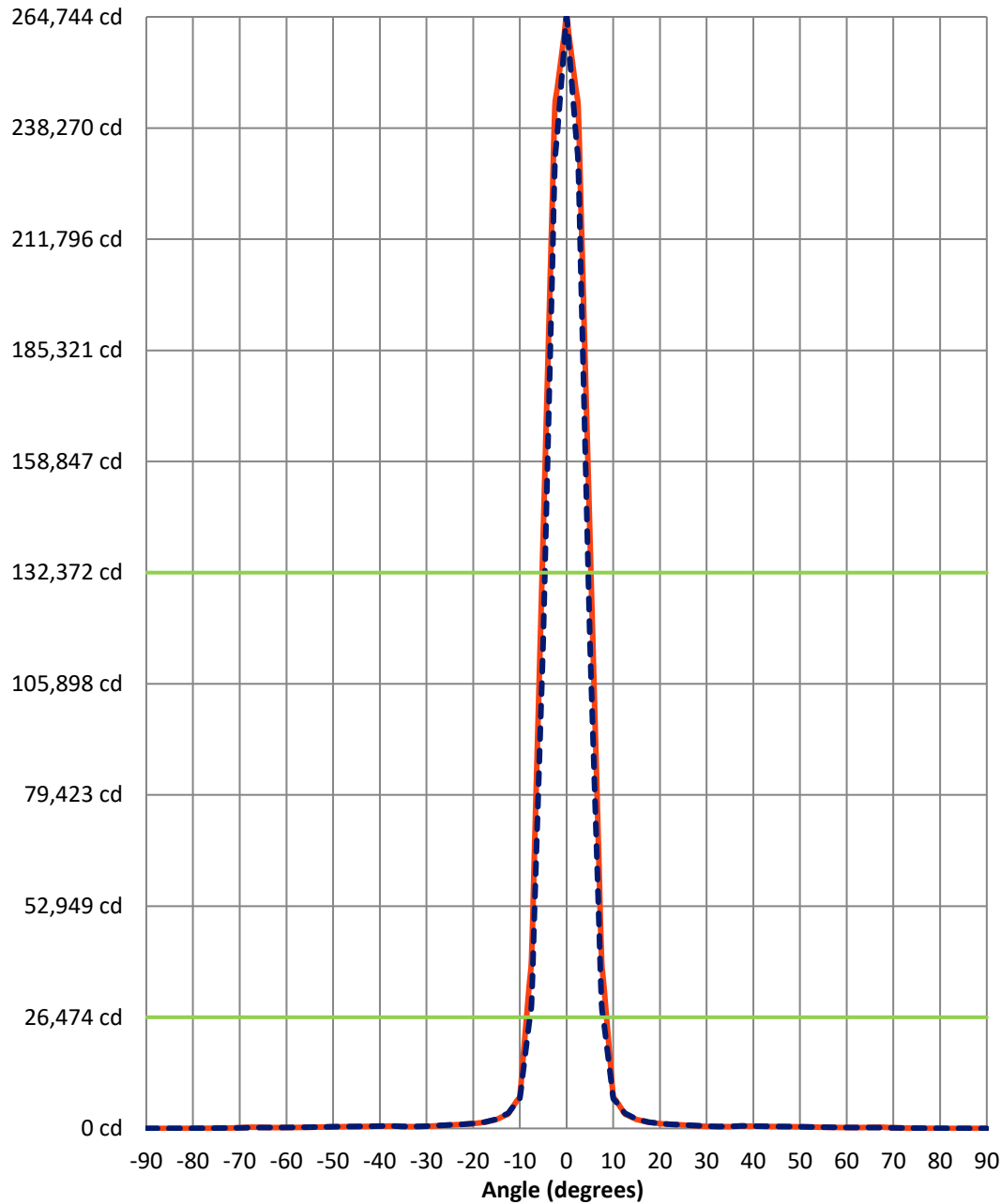
Luminous Intensity Polar Plot



— 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: 4418.9
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 7616
Efficiency: 73.9%

Spill:
Lumens: 2693.7
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	9.1	10.8
65°	0.0	1.3	2.5	3.0	3.0	3.5	5.4	7.0	9.3	11.5	13.8
62.5°	0.0	1.4	2.8	3.0	3.0	4.5	6.5	8.9	11.6	14.2	17.7
60°	0.0	1.5	3.0	3.0	3.0	5.5	7.7	10.9	13.9	18.0	21.7
57.5°	0.0	1.6	3.0	3.0	3.8	6.5	9.6	13.0	17.1	21.8	26.2
55°	0.0	1.7	3.0	3.0	4.6	7.4	11.7	15.3	20.7	25.8	31.1
52.5°	0.0	1.8	3.1	3.0	5.4	8.6	13.8	18.6	24.2	30.5	36.1
50°	0.0	1.9	3.1	3.0	6.2	10.5	16.0	22.3	27.9	35.2	42.2
47.5°	0.0	2.0	3.1	3.1	6.9	12.4	18.4	26.0	32.3	40.0	48.5
45°	0.0	2.1	3.2	3.7	7.7	14.3	21.8	29.9	37.4	46.0	55.1
42.5°	0.0	2.2	3.2	4.3	8.4	16.2	25.2	34.3	42.8	52.1	62.8
40°	0.0	2.3	3.3	4.8	9.5	18.1	28.6	39.1	48.8	58.5	71.1
37.5°	0.0	2.4	3.3	5.3	11.0	20.0	32.1	44.1	55.5	66.5	79.6
35°	0.0	2.5	3.4	5.7	12.4	22.5	35.7	49.1	62.3	75.9	87.8
32.5°	0.0	2.5	3.5	6.2	13.9	25.3	39.4	54.2	69.2	85.6	98.2
30°	0.0	2.6	3.5	6.5	15.2	28.0	43.5	59.5	76.1	95.6	109.8
27.5°	0.0	2.7	3.6	6.8	16.1	30.7	47.5	65.2	83.6	105.9	122.7
25°	0.0	2.7	3.7	7.1	16.8	33.2	51.5	70.8	92.0	116.6	136.5
22.5°	0.0	2.8	3.8	7.3	17.4	35.3	55.5	76.4	100.5	127.9	148.3
20°	0.0	2.8	3.9	7.4	17.8	36.0	59.3	81.7	108.9	139.6	159.9
17.5°	0.0	2.9	4.0	7.6	18.0	36.5	61.3	87.0	117.2	151.7	171.2
15°	0.0	2.9	4.0	7.7	18.2	36.7	62.0	90.7	125.2	164.0	182.3
12.5°	0.0	2.9	4.1	7.7	18.2	36.6	62.4	92.7	130.4	176.2	193.2
10°	0.0	3.0	4.2	7.7	18.0	36.3	62.6	94.4	133.1	180.9	200.9
7.5°	0.0	3.0	4.3	7.7	17.8	35.8	62.5	95.8	135.1	183.7	202.3
5°	0.0	3.0	4.4	7.7	17.5	35.1	62.0	96.9	136.4	185.6	203.4
2.5°	0.0	3.0	4.4	7.6	17.1	34.2	61.3	97.7	137.1	186.7	204.3
0°	0.0	3.0	4.5	7.5	16.6	33.1	60.2	97.9	137.1	186.8	204.8
-2.5°	0.0	3.0	4.4	7.6	17.1	34.2	61.3	97.7	137.1	186.7	204.3
-5°	0.0	3.0	4.4	7.7	17.5	35.1	62.0	96.9	136.4	185.6	203.4
-7.5°	0.0	3.0	4.3	7.7	17.8	35.8	62.5	95.8	135.1	183.7	202.3
-10°	0.0	3.0	4.2	7.7	18.0	36.3	62.6	94.4	133.1	180.9	200.9
-12.5°	0.0	2.9	4.1	7.7	18.2	36.6	62.4	92.7	130.4	176.2	193.2
-15°	0.0	2.9	4.0	7.7	18.2	36.7	62.0	90.7	125.2	164.0	182.3
-17.5°	0.0	2.9	4.0	7.6	18.0	36.5	61.3	87.0	117.2	151.7	171.2
-20°	0.0	2.8	3.9	7.4	17.8	36.0	59.3	81.7	108.9	139.6	159.9



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 CATALOG NUMBER: GFLD-SA4C-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	17.4	35.3	55.5	76.4	100.5	127.9	148.3
-25°	0.0	2.7	3.7	7.1	16.8	33.2	51.5	70.8	92.0	116.6	136.5
-27.5°	0.0	2.7	3.6	6.8	16.1	30.7	47.5	65.2	83.6	105.9	122.7
-30°	0.0	2.6	3.5	6.5	15.2	28.0	43.5	59.5	76.1	95.6	109.8
-32.5°	0.0	2.5	3.5	6.2	13.9	25.3	39.4	54.2	69.2	85.6	98.2
-35°	0.0	2.5	3.4	5.7	12.4	22.5	35.7	49.1	62.3	75.9	87.8
-37.5°	0.0	2.4	3.3	5.3	11.0	20.0	32.1	44.1	55.5	66.5	79.6
-40°	0.0	2.3	3.3	4.8	9.5	18.1	28.6	39.1	48.8	58.5	71.1
-42.5°	0.0	2.2	3.2	4.3	8.4	16.2	25.2	34.3	42.8	52.1	62.8
-45°	0.0	2.1	3.2	3.7	7.7	14.3	21.8	29.9	37.4	46.0	55.1
-47.5°	0.0	2.0	3.1	3.1	6.9	12.4	18.4	26.0	32.3	40.0	48.5
-50°	0.0	1.9	3.1	3.0	6.2	10.5	16.0	22.3	27.9	35.2	42.2
-52.5°	0.0	1.8	3.1	3.0	5.4	8.6	13.8	18.6	24.2	30.5	36.1
-55°	0.0	1.7	3.0	3.0	4.6	7.4	11.7	15.3	20.7	25.8	31.1
-57.5°	0.0	1.6	3.0	3.0	3.8	6.5	9.6	13.0	17.1	21.8	26.2
-60°	0.0	1.5	3.0	3.0	3.0	5.5	7.7	10.9	13.9	18.0	21.7
-62.5°	0.0	1.4	2.8	3.0	3.0	4.5	6.5	8.9	11.6	14.2	17.7
-65°	0.0	1.3	2.5	3.0	3.0	3.5	5.4	7.0	9.3	11.5	13.8
-67.5°	0.0	1.1	2.3	3.0	3.0	3.0	4.3	5.8	7.0	9.1	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-SA4C-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	11.5	12.8
75°	5.2	5.9	7.4	9.1	10.6	11.8	12.9	14.5	16.5	18.7	20.8
72.5°	7.2	9.0	11.0	13.2	15.7	17.8	19.9	21.9	25.1	28.7	31.3
70°	9.9	12.2	15.3	18.7	22.0	24.8	28.9	33.8	38.8	41.2	42.7
67.5°	12.8	16.4	20.2	24.3	28.8	33.5	39.2	44.5	49.6	51.6	53.5
65°	16.6	20.7	25.4	30.4	35.6	41.3	47.1	53.0	58.3	61.0	64.1
62.5°	20.5	25.4	30.8	36.4	42.2	48.3	55.3	61.3	65.9	71.3	77.6
60°	25.2	30.1	36.2	42.5	49.1	57.6	64.7	71.3	77.4	83.6	93.1
57.5°	30.2	34.9	41.7	49.1	58.2	67.9	75.9	83.0	91.5	100.3	109.9
55°	35.6	39.8	47.5	56.6	67.0	78.6	88.0	97.8	107.5	115.4	124.0
52.5°	41.7	45.6	53.6	64.1	76.3	89.2	101.7	112.0	121.0	129.7	139.4
50°	48.2	53.1	59.6	72.2	85.7	100.4	114.6	124.9	135.2	145.4	156.3
47.5°	55.7	61.2	66.7	80.3	95.6	110.6	125.3	138.4	149.8	163.4	175.9
45°	63.9	70.3	76.2	88.9	104.6	119.9	136.2	152.0	168.0	184.0	204.0
42.5°	72.5	79.6	87.1	96.9	112.6	129.5	147.1	168.1	188.3	210.6	236.7
40°	81.0	88.7	97.8	106.6	120.5	139.4	160.7	184.3	212.9	241.8	273.3
37.5°	89.2	98.2	107.8	117.0	129.3	150.5	174.1	204.2	238.6	275.1	315.2
35°	97.3	107.2	117.1	127.9	141.7	162.3	191.4	225.5	266.8	312.9	349.6
32.5°	105.2	115.8	125.9	138.9	155.9	177.0	208.0	251.0	298.6	345.3	369.9
30°	115.1	123.6	134.6	149.3	169.8	196.7	230.4	276.7	330.8	362.7	385.5
27.5°	128.3	131.4	143.7	160.9	184.1	216.0	257.9	306.1	350.8	378.8	399.2
25°	141.3	144.5	152.2	172.7	201.2	238.9	285.9	340.8	367.4	391.0	414.7
22.5°	153.7	157.1	166.8	183.8	217.8	262.2	316.8	364.9	390.2	405.3	431.0
20°	165.4	170.6	182.6	202.2	234.8	284.3	346.8	387.2	411.3	429.4	453.1
17.5°	176.6	183.8	198.6	222.3	258.7	309.0	374.1	409.5	433.0	450.5	479.7
15°	187.5	196.7	213.9	241.2	281.1	335.5	392.3	427.7	453.0	470.2	504.4
12.5°	198.1	209.2	228.6	258.7	301.2	358.7	407.8	439.5	464.7	491.0	526.4
10°	208.3	221.3	242.5	275.0	319.2	378.7	420.7	448.9	474.2	507.6	544.5
7.5°	209.8	227.4	254.0	289.9	335.1	395.6	431.3	456.3	483.7	522.8	560.9
5°	209.9	227.0	254.8	293.8	342.7	405.5	438.7	461.9	492.9	536.4	575.6
2.5°	209.7	225.9	255.1	295.1	344.6	406.5	439.8	463.4	498.2	549.7	589.0
0°	209.3	224.4	254.5	295.2	344.9	405.1	439.8	463.9	501.5	561.8	600.9
-2.5°	209.7	225.9	255.1	295.1	344.6	406.5	439.8	463.4	498.2	549.7	589.0
-5°	209.9	227.0	254.8	293.8	342.7	405.5	438.7	461.9	492.9	536.4	575.6
-7.5°	209.8	227.4	254.0	289.9	335.1	395.6	431.3	456.3	483.7	522.8	560.9
-10°	208.3	221.3	242.5	275.0	319.2	378.7	420.7	448.9	474.2	507.6	544.5
-12.5°	198.1	209.2	228.6	258.7	301.2	358.7	407.8	439.5	464.7	491.0	526.4
-15°	187.5	196.7	213.9	241.2	281.1	335.5	392.3	427.7	453.0	470.2	504.4
-17.5°	176.6	183.8	198.6	222.3	258.7	309.0	374.1	409.5	433.0	450.5	479.7
-20°	165.4	170.6	182.6	202.2	234.8	284.3	346.8	387.2	411.3	429.4	453.1



REPORT NUMBER: P558913 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	153.7	157.1	166.8	183.8	217.8	262.2	316.8	364.9	390.2	405.3	431.0
-25°	141.3	144.5	152.2	172.7	201.2	238.9	285.9	340.8	367.4	391.0	414.7
-27.5°	128.3	131.4	143.7	160.9	184.1	216.0	257.9	306.1	350.8	378.8	399.2
-30°	115.1	123.6	134.6	149.3	169.8	196.7	230.4	276.7	330.8	362.7	385.5
-32.5°	105.2	115.8	125.9	138.9	155.9	177.0	208.0	251.0	298.6	345.3	369.9
-35°	97.3	107.2	117.1	127.9	141.7	162.3	191.4	225.5	266.8	312.9	349.6
-37.5°	89.2	98.2	107.8	117.0	129.3	150.5	174.1	204.2	238.6	275.1	315.2
-40°	81.0	88.7	97.8	106.6	120.5	139.4	160.7	184.3	212.9	241.8	273.3
-42.5°	72.5	79.6	87.1	96.9	112.6	129.5	147.1	168.1	188.3	210.6	236.7
-45°	63.9	70.3	76.2	88.9	104.6	119.9	136.2	152.0	168.0	184.0	204.0
-47.5°	55.7	61.2	66.7	80.3	95.6	110.6	125.3	138.4	149.8	163.4	175.9
-50°	48.2	53.1	59.6	72.2	85.7	100.4	114.6	124.9	135.2	145.4	156.3
-52.5°	41.7	45.6	53.6	64.1	76.3	89.2	101.7	112.0	121.0	129.7	139.4
-55°	35.6	39.8	47.5	56.6	67.0	78.6	88.0	97.8	107.5	115.4	124.0
-57.5°	30.2	34.9	41.7	49.1	58.2	67.9	75.9	83.0	91.5	100.3	109.9
-60°	25.2	30.1	36.2	42.5	49.1	57.6	64.7	71.3	77.4	83.6	93.1
-62.5°	20.5	25.4	30.8	36.4	42.2	48.3	55.3	61.3	65.9	71.3	77.6
-65°	16.6	20.7	25.4	30.4	35.6	41.3	47.1	53.0	58.3	61.0	64.1
-67.5°	12.8	16.4	20.2	24.3	28.8	33.5	39.2	44.5	49.6	51.6	53.5
-70°	9.9	12.2	15.3	18.7	22.0	24.8	28.9	33.8	38.8	41.2	42.7
-72.5°	7.2	9.0	11.0	13.2	15.7	17.8	19.9	21.9	25.1	28.7	31.3
-75°	5.2	5.9	7.4	9.1	10.6	11.8	12.9	14.5	16.5	18.7	20.8
-77.5°	3.9	4.5	5.0	5.6	6.2	7.4	8.4	9.2	10.2	11.5	12.8
-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: P558913 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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	8.7	9.2	9.5	9.8	10.9	12.2	13.6	15.1	15.6	15.9
77.5°	14.4	15.4	16.1	16.6	16.9	19.2	22.3	25.4	28.7	30.4	31.8
75°	22.9	24.1	24.9	25.5	25.9	29.5	34.8	40.4	46.2	49.2	51.4
72.5°	33.0	34.1	34.9	35.6	36.1	41.4	51.0	61.5	72.7	79.5	84.4
70°	44.0	45.2	46.2	47.0	47.6	54.0	68.0	82.6	97.7	112.9	129.0
67.5°	55.7	58.2	59.5	60.3	61.0	66.5	81.4	95.1	107.9	135.3	178.4
65°	68.4	74.2	76.6	78.0	78.5	81.0	93.8	105.2	115.6	136.9	169.8
62.5°	84.6	92.3	95.8	97.3	98.3	98.4	108.8	118.5	127.3	140.7	161.6
60°	102.0	110.3	114.6	115.8	116.6	117.0	125.2	134.8	143.6	154.4	173.9
57.5°	118.0	125.7	132.2	134.7	136.7	138.2	145.5	156.7	167.1	178.0	199.0
55°	133.3	142.6	151.6	156.5	161.1	165.2	172.4	186.5	200.0	212.7	234.4
52.5°	149.9	161.9	173.8	182.7	191.5	199.1	206.9	225.2	243.2	260.1	281.3
50°	169.7	184.6	201.9	216.6	229.1	241.4	252.5	274.2	298.5	321.6	343.9
47.5°	194.9	214.5	236.7	257.5	274.5	293.7	311.0	333.3	354.8	376.3	394.7
45°	225.8	253.0	278.5	306.2	330.5	343.1	353.2	367.1	389.2	410.3	427.5
42.5°	265.3	296.9	328.4	349.0	364.5	374.8	382.2	389.5	412.7	433.0	449.7
40°	309.3	341.1	360.4	377.2	388.1	397.2	408.7	420.0	438.2	459.1	477.6
37.5°	347.4	367.8	384.8	398.0	411.1	423.3	439.8	456.1	473.4	496.9	514.1
35°	370.9	388.7	406.0	422.7	439.4	458.1	478.8	502.7	523.9	504.7	476.8
32.5°	388.8	407.1	428.1	453.7	476.7	502.3	528.1	486.5	443.9	427.2	430.6
30°	404.3	425.6	454.5	488.0	520.0	508.5	451.6	431.7	437.6	449.3	471.8
27.5°	421.0	447.6	482.7	523.8	498.6	435.6	438.9	450.5	489.5	522.5	572.8
25°	440.8	472.9	516.4	497.4	439.7	445.6	474.8	518.9	593.2	662.4	723.0
22.5°	464.6	505.5	511.2	439.8	447.6	485.7	544.9	640.4	730.7	814.4	876.8
20°	488.8	535.9	463.5	448.4	481.9	550.0	660.0	769.5	870.3	945.2	1007.7
17.5°	517.7	501.1	449.8	465.9	533.7	651.4	775.2	891.3	986.3	1115.8	1226.1
15°	543.1	467.6	458.1	511.1	613.1	745.5	880.0	984.3	1156.0	1341.5	1529.2
12.5°	528.5	455.7	472.8	551.4	685.4	828.6	947.5	1112.5	1339.7	1610.7	2018.0
10°	507.0	462.4	504.2	607.0	747.4	886.8	1010.4	1226.7	1526.4	2024.2	2665.6
7.5°	490.4	465.3	525.0	649.8	793.4	921.9	1086.6	1349.0	1766.8	2449.8	3815.3
5°	477.7	465.2	534.5	674.5	820.7	946.2	1133.7	1437.9	2002.3	2975.4	5308.7
2.5°	472.2	462.8	537.2	687.8	834.0	959.8	1163.0	1501.9	2151.0	3463.7	6980.7
0°	475.9	457.8	536.2	692.8	841.9	957.9	1167.2	1521.1	2195.9	3644.0	7205.1
-2.5°	472.2	462.8	537.2	687.8	834.0	959.8	1163.0	1501.9	2151.0	3463.7	6980.7
-5°	477.7	465.2	534.5	674.5	820.7	946.2	1133.7	1437.9	2002.3	2975.4	5308.7
-7.5°	490.4	465.3	525.0	649.8	793.4	921.9	1086.6	1349.0	1766.8	2449.8	3815.3
-10°	507.0	462.4	504.2	607.0	747.4	886.8	1010.4	1226.7	1526.4	2024.2	2665.6
-12.5°	528.5	455.7	472.8	551.4	685.4	828.6	947.5	1112.5	1339.7	1610.7	2018.0
-15°	543.1	467.6	458.1	511.1	613.1	745.5	880.0	984.3	1156.0	1341.5	1529.2
-17.5°	517.7	501.1	449.8	465.9	533.7	651.4	775.2	891.3	986.3	1115.8	1226.1
-20°	488.8	535.9	463.5	448.4	481.9	550.0	660.0	769.5	870.3	945.2	1007.7



REPORT NUMBER: P558913 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	464.6	505.5	511.2	439.8	447.6	485.7	544.9	640.4	730.7	814.4	876.8
-25°	440.8	472.9	516.4	497.4	439.7	445.6	474.8	518.9	593.2	662.4	723.0
-27.5°	421.0	447.6	482.7	523.8	498.6	435.6	438.9	450.5	489.5	522.5	572.8
-30°	404.3	425.6	454.5	488.0	520.0	508.5	451.6	431.7	437.6	449.3	471.8
-32.5°	388.8	407.1	428.1	453.7	476.7	502.3	528.1	486.5	443.9	427.2	430.6
-35°	370.9	388.7	406.0	422.7	439.4	458.1	478.8	502.7	523.9	504.7	476.8
-37.5°	347.4	367.8	384.8	398.0	411.1	423.3	439.8	456.1	473.4	496.9	514.1
-40°	309.3	341.1	360.4	377.2	388.1	397.2	408.7	420.0	438.2	459.1	477.6
-42.5°	265.3	296.9	328.4	349.0	364.5	374.8	382.2	389.5	412.7	433.0	449.7
-45°	225.8	253.0	278.5	306.2	330.5	343.1	353.2	367.1	389.2	410.3	427.5
-47.5°	194.9	214.5	236.7	257.5	274.5	293.7	311.0	333.3	354.8	376.3	394.7
-50°	169.7	184.6	201.9	216.6	229.1	241.4	252.5	274.2	298.5	321.6	343.9
-52.5°	149.9	161.9	173.8	182.7	191.5	199.1	206.9	225.2	243.2	260.1	281.3
-55°	133.3	142.6	151.6	156.5	161.1	165.2	172.4	186.5	200.0	212.7	234.4
-57.5°	118.0	125.7	132.2	134.7	136.7	138.2	145.5	156.7	167.1	178.0	199.0
-60°	102.0	110.3	114.6	115.8	116.6	117.0	125.2	134.8	143.6	154.4	173.9
-62.5°	84.6	92.3	95.8	97.3	98.3	98.4	108.8	118.5	127.3	140.7	161.6
-65°	68.4	74.2	76.6	78.0	78.5	81.0	93.8	105.2	115.6	136.9	169.8
-67.5°	55.7	58.2	59.5	60.3	61.0	66.5	81.4	95.1	107.9	135.3	178.4
-70°	44.0	45.2	46.2	47.0	47.6	54.0	68.0	82.6	97.7	112.9	129.0
-72.5°	33.0	34.1	34.9	35.6	36.1	41.4	51.0	61.5	72.7	79.5	84.4
-75°	22.9	24.1	24.9	25.5	25.9	29.5	34.8	40.4	46.2	49.2	51.4
-77.5°	14.4	15.4	16.1	16.6	16.9	19.2	22.3	25.4	28.7	30.4	31.8
-80°	8.0	8.7	9.2	9.5	9.8	10.9	12.2	13.6	15.1	15.6	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: P558913 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	16.2	16.4	15.8	15.1	15.8	16.4	16.2	15.9	15.6	15.1	13.6
77.5°	33.0	34.2	33.1	31.6	33.1	34.2	33.0	31.8	30.4	28.7	25.4
75°	53.4	55.1	54.1	52.7	54.1	55.1	53.4	51.4	49.2	46.2	40.4
72.5°	89.2	93.5	92.5	90.4	92.5	93.5	89.2	84.4	79.5	72.7	61.5
70°	146.0	163.1	162.4	158.1	162.4	163.1	146.0	129.0	112.9	97.7	82.6
67.5°	225.0	273.6	289.0	296.7	289.0	273.6	225.0	178.4	135.3	107.9	95.1
65°	200.4	229.7	241.3	250.0	241.3	229.7	200.4	169.8	136.9	115.6	105.2
62.5°	180.3	197.7	201.4	201.8	201.4	197.7	180.3	161.6	140.7	127.3	118.5
60°	192.9	211.4	214.2	210.9	214.2	211.4	192.9	173.9	154.4	143.6	134.8
57.5°	219.1	238.5	242.1	238.0	242.1	238.5	219.1	199.0	178.0	167.1	156.7
55°	255.3	274.8	281.3	280.1	281.3	274.8	255.3	234.4	212.7	200.0	186.5
52.5°	301.5	319.5	327.0	326.8	327.0	319.5	301.5	281.3	260.1	243.2	225.2
50°	363.3	379.5	387.5	388.6	387.5	379.5	363.3	343.9	321.6	298.5	274.2
47.5°	407.9	418.5	424.0	424.7	424.0	418.5	407.9	394.7	376.3	354.8	333.3
45°	435.2	440.9	445.2	448.8	445.2	440.9	435.2	427.5	410.3	389.2	367.1
42.5°	460.8	472.6	481.4	483.5	481.4	472.6	460.8	449.7	433.0	412.7	389.5
40°	495.2	511.6	527.3	543.7	527.3	511.6	495.2	477.6	459.1	438.2	420.0
37.5°	532.0	550.2	565.3	573.8	565.3	550.2	532.0	514.1	496.9	473.4	456.1
35°	457.1	445.2	438.1	435.3	438.1	445.2	457.1	476.8	504.7	523.9	502.7
32.5°	432.7	433.5	432.1	429.2	432.1	433.5	432.7	430.6	427.2	443.9	486.5
30°	488.6	496.5	497.4	497.0	497.4	496.5	488.6	471.8	449.3	437.6	431.7
27.5°	609.9	630.3	636.6	649.1	636.6	630.3	609.9	572.8	522.5	489.5	450.5
25°	769.9	800.7	815.4	820.8	815.4	800.7	769.9	723.0	662.4	593.2	518.9
22.5°	912.2	935.6	949.4	960.9	949.4	935.6	912.2	876.8	814.4	730.7	640.4
20°	1080.7	1123.5	1143.1	1144.6	1143.1	1123.5	1080.7	1007.7	945.2	870.3	769.5
17.5°	1343.9	1427.2	1468.8	1480.5	1468.8	1427.2	1343.9	1226.1	1115.8	986.3	891.3
15°	1759.0	1971.6	2080.9	2132.6	2080.9	1971.6	1759.0	1529.2	1341.5	1156.0	984.3
12.5°	2436.2	2915.5	3303.0	3448.9	3303.0	2915.5	2436.2	2018.0	1610.7	1339.7	1112.5
10°	3778.0	5209.3	6881.4	7661.4	6881.4	5209.3	3778.0	2665.6	2024.2	1526.4	1226.7
7.5°	7308.9	16969.8	32890.4	40484.9	32890.4	16969.8	7308.9	3815.3	2449.8	1766.8	1349.0
5°	15579.1	67234.3	120408.3	141429.8	120408.3	67234.3	15579.1	5308.7	2975.4	2002.3	1437.9
2.5°	24814.1	110273.1	208067.6	243291.9	208067.6	110273.1	24814.1	6980.7	3463.7	2151.0	1501.9
0°	29647.9	116207.5	229597.9	264744.4	229597.9	116207.5	29647.9	7205.1	3644.0	2195.9	1521.1
-2.5°	24814.1	110273.1	208067.6	243291.8	208067.6	110273.1	24814.1	6980.7	3463.7	2151.0	1501.9
-5°	15579.1	67234.3	120408.3	141429.8	120408.3	67234.3	15579.1	5308.7	2975.4	2002.3	1437.9
-7.5°	7308.9	16969.8	32890.4	40484.9	32890.4	16969.8	7308.9	3815.3	2449.8	1766.8	1349.0
-10°	3778.0	5209.3	6881.4	7661.4	6881.4	5209.3	3778.0	2665.6	2024.2	1526.4	1226.7
-12.5°	2436.2	2915.5	3303.0	3448.9	3303.0	2915.5	2436.2	2018.0	1610.7	1339.7	1112.5
-15°	1759.0	1971.6	2080.9	2132.6	2080.9	1971.6	1759.0	1529.2	1341.5	1156.0	984.3
-17.5°	1343.9	1427.2	1468.8	1480.5	1468.8	1427.2	1343.9	1226.1	1115.8	986.3	891.3
-20°	1080.7	1123.5	1143.1	1144.6	1143.1	1123.5	1080.7	1007.7	945.2	870.3	769.5



REPORT NUMBER: P558913 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	912.2	935.6	949.4	960.9	949.4	935.6	912.2	876.8	814.4	730.7	640.4
-25°	769.9	800.7	815.4	820.8	815.4	800.7	769.9	723.0	662.4	593.2	518.9
-27.5°	609.9	630.3	636.6	649.1	636.6	630.3	609.9	572.8	522.5	489.5	450.5
-30°	488.6	496.5	497.4	497.0	497.4	496.5	488.6	471.8	449.3	437.6	431.7
-32.5°	432.7	433.5	432.1	429.2	432.1	433.5	432.7	430.6	427.2	443.9	486.5
-35°	457.1	445.2	438.1	435.3	438.1	445.2	457.1	476.8	504.7	523.9	502.7
-37.5°	532.0	550.2	565.3	573.8	565.3	550.2	532.0	514.1	496.9	473.4	456.1
-40°	495.2	511.6	527.3	543.7	527.3	511.6	495.2	477.6	459.1	438.2	420.0
-42.5°	460.8	472.6	481.4	483.5	481.4	472.6	460.8	449.7	433.0	412.7	389.5
-45°	435.2	440.9	445.2	448.8	445.2	440.9	435.2	427.5	410.3	389.2	367.1
-47.5°	407.9	418.5	424.0	424.7	424.0	418.5	407.9	394.7	376.3	354.8	333.3
-50°	363.3	379.5	387.5	388.6	387.5	379.5	363.3	343.9	321.6	298.5	274.2
-52.5°	301.5	319.5	327.0	326.8	327.0	319.5	301.5	281.3	260.1	243.2	225.2
-55°	255.3	274.8	281.3	280.1	281.3	274.8	255.3	234.4	212.7	200.0	186.5
-57.5°	219.1	238.5	242.1	238.0	242.1	238.5	219.1	199.0	178.0	167.1	156.7
-60°	192.9	211.4	214.2	210.9	214.2	211.4	192.9	173.9	154.4	143.6	134.8
-62.5°	180.3	197.7	201.4	201.8	201.4	197.7	180.3	161.6	140.7	127.3	118.5
-65°	200.4	229.7	241.3	250.0	241.3	229.7	200.4	169.8	136.9	115.6	105.2
-67.5°	225.0	273.6	289.0	296.7	289.0	273.6	225.0	178.4	135.3	107.9	95.1
-70°	146.0	163.1	162.4	158.1	162.4	163.1	146.0	129.0	112.9	97.7	82.6
-72.5°	89.2	93.5	92.5	90.4	92.5	93.5	89.2	84.4	79.5	72.7	61.5
-75°	53.4	55.1	54.1	52.7	54.1	55.1	53.4	51.4	49.2	46.2	40.4
-77.5°	33.0	34.2	33.1	31.6	33.1	34.2	33.0	31.8	30.4	28.7	25.4
-80°	16.2	16.4	15.8	15.1	15.8	16.4	16.2	15.9	15.6	15.1	13.6
-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: P558913 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	12.2	10.9	9.8	9.5	9.2	8.7	8.0	7.2	6.4	5.8	5.5
77.5°	22.3	19.2	16.9	16.6	16.1	15.4	14.4	12.8	11.5	10.2	9.2
75°	34.8	29.5	25.9	25.5	24.9	24.1	22.9	20.8	18.7	16.5	14.5
72.5°	51.0	41.4	36.1	35.6	34.9	34.1	33.0	31.3	28.7	25.1	21.9
70°	68.0	54.0	47.6	47.0	46.2	45.2	44.0	42.7	41.2	38.8	33.8
67.5°	81.4	66.5	61.0	60.3	59.5	58.2	55.7	53.5	51.6	49.6	44.5
65°	93.8	81.0	78.5	78.0	76.6	74.2	68.4	64.1	61.0	58.3	53.0
62.5°	108.8	98.4	98.3	97.3	95.8	92.3	84.6	77.6	71.3	65.9	61.3
60°	125.2	117.0	116.6	115.8	114.6	110.3	102.0	93.1	83.6	77.4	71.3
57.5°	145.5	138.2	136.7	134.7	132.2	125.7	118.0	109.9	100.3	91.5	83.0
55°	172.4	165.2	161.1	156.5	151.6	142.6	133.3	124.0	115.4	107.5	97.8
52.5°	206.9	199.1	191.5	182.7	173.8	161.9	149.9	139.4	129.7	121.0	112.0
50°	252.5	241.4	229.1	216.6	201.9	184.6	169.7	156.3	145.4	135.2	124.9
47.5°	311.0	293.7	274.5	257.5	236.7	214.5	194.9	175.9	163.4	149.8	138.4
45°	353.2	343.1	330.5	306.2	278.5	253.0	225.8	204.0	184.0	168.0	152.0
42.5°	382.2	374.8	364.5	349.0	328.4	296.9	265.3	236.7	210.6	188.3	168.1
40°	408.7	397.2	388.1	377.2	360.4	341.1	309.3	273.3	241.8	212.9	184.3
37.5°	439.8	423.3	411.1	398.0	384.8	367.8	347.4	315.2	275.1	238.6	204.2
35°	478.8	458.1	439.4	422.7	406.0	388.7	370.9	349.6	312.9	266.8	225.5
32.5°	528.1	502.3	476.7	453.7	428.1	407.1	388.8	369.9	345.3	298.6	251.0
30°	451.6	508.5	520.0	488.0	454.5	425.6	404.3	385.5	362.7	330.8	276.7
27.5°	438.9	435.6	498.6	523.8	482.7	447.6	421.0	399.2	378.8	350.8	306.1
25°	474.8	445.6	439.7	497.4	516.4	472.9	440.8	414.7	391.0	367.4	340.8
22.5°	544.9	485.7	447.6	439.8	511.2	505.5	464.6	431.0	405.3	390.2	364.9
20°	660.0	550.0	481.9	448.4	463.5	535.9	488.8	453.1	429.4	411.3	387.2
17.5°	775.2	651.4	533.7	465.9	449.8	501.1	517.7	479.7	450.5	433.0	409.5
15°	880.0	745.5	613.1	511.1	458.1	467.6	543.1	504.4	470.2	453.0	427.7
12.5°	947.5	828.6	685.4	551.4	472.8	455.7	528.5	526.4	491.0	464.7	439.5
10°	1010.4	886.8	747.4	607.0	504.2	462.4	507.0	544.5	507.6	474.2	448.9
7.5°	1086.6	921.9	793.4	649.8	525.0	465.3	490.4	560.9	522.8	483.7	456.3
5°	1133.7	946.2	820.7	674.5	534.5	465.2	477.7	575.6	536.4	492.9	461.9
2.5°	1163.0	959.8	834.0	687.8	537.2	462.8	472.2	589.0	549.7	498.2	463.4
0°	1167.2	957.9	841.9	692.8	536.2	457.8	475.9	600.9	561.8	501.5	463.9
-2.5°	1163.0	959.8	834.0	687.8	537.2	462.8	472.2	589.0	549.7	498.2	463.4
-5°	1133.7	946.2	820.7	674.5	534.5	465.2	477.7	575.6	536.4	492.9	461.9
-7.5°	1086.6	921.9	793.4	649.8	525.0	465.3	490.4	560.9	522.8	483.7	456.3
-10°	1010.4	886.8	747.4	607.0	504.2	462.4	507.0	544.5	507.6	474.2	448.9
-12.5°	947.5	828.6	685.4	551.4	472.8	455.7	528.5	526.4	491.0	464.7	439.5
-15°	880.0	745.5	613.1	511.1	458.1	467.6	543.1	504.4	470.2	453.0	427.7
-17.5°	775.2	651.4	533.7	465.9	449.8	501.1	517.7	479.7	450.5	433.0	409.5
-20°	660.0	550.0	481.9	448.4	463.5	535.9	488.8	453.1	429.4	411.3	387.2



REPORT NUMBER: P558913 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	544.9	485.7	447.6	439.8	511.2	505.5	464.6	431.0	405.3	390.2	364.9
-25°	474.8	445.6	439.7	497.4	516.4	472.9	440.8	414.7	391.0	367.4	340.8
-27.5°	438.9	435.6	498.6	523.8	482.7	447.6	421.0	399.2	378.8	350.8	306.1
-30°	451.6	508.5	520.0	488.0	454.5	425.6	404.3	385.5	362.7	330.8	276.7
-32.5°	528.1	502.3	476.7	453.7	428.1	407.1	388.8	369.9	345.3	298.6	251.0
-35°	478.8	458.1	439.4	422.7	406.0	388.7	370.9	349.6	312.9	266.8	225.5
-37.5°	439.8	423.3	411.1	398.0	384.8	367.8	347.4	315.2	275.1	238.6	204.2
-40°	408.7	397.2	388.1	377.2	360.4	341.1	309.3	273.3	241.8	212.9	184.3
-42.5°	382.2	374.8	364.5	349.0	328.4	296.9	265.3	236.7	210.6	188.3	168.1
-45°	353.2	343.1	330.5	306.2	278.5	253.0	225.8	204.0	184.0	168.0	152.0
-47.5°	311.0	293.7	274.5	257.5	236.7	214.5	194.9	175.9	163.4	149.8	138.4
-50°	252.5	241.4	229.1	216.6	201.9	184.6	169.7	156.3	145.4	135.2	124.9
-52.5°	206.9	199.1	191.5	182.7	173.8	161.9	149.9	139.4	129.7	121.0	112.0
-55°	172.4	165.2	161.1	156.5	151.6	142.6	133.3	124.0	115.4	107.5	97.8
-57.5°	145.5	138.2	136.7	134.7	132.2	125.7	118.0	109.9	100.3	91.5	83.0
-60°	125.2	117.0	116.6	115.8	114.6	110.3	102.0	93.1	83.6	77.4	71.3
-62.5°	108.8	98.4	98.3	97.3	95.8	92.3	84.6	77.6	71.3	65.9	61.3
-65°	93.8	81.0	78.5	78.0	76.6	74.2	68.4	64.1	61.0	58.3	53.0
-67.5°	81.4	66.5	61.0	60.3	59.5	58.2	55.7	53.5	51.6	49.6	44.5
-70°	68.0	54.0	47.6	47.0	46.2	45.2	44.0	42.7	41.2	38.8	33.8
-72.5°	51.0	41.4	36.1	35.6	34.9	34.1	33.0	31.3	28.7	25.1	21.9
-75°	34.8	29.5	25.9	25.5	24.9	24.1	22.9	20.8	18.7	16.5	14.5
-77.5°	22.3	19.2	16.9	16.6	16.1	15.4	14.4	12.8	11.5	10.2	9.2
-80°	12.2	10.9	9.8	9.5	9.2	8.7	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: P558913 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	12.9	11.8	10.6	9.1	7.4	5.9	5.2	4.6	4.0	3.1	3.0
72.5°	19.9	17.8	15.7	13.2	11.0	9.0	7.2	5.9	5.3	4.4	3.3
70°	28.9	24.8	22.0	18.7	15.3	12.2	9.9	8.2	6.6	5.7	4.5
67.5°	39.2	33.5	28.8	24.3	20.2	16.4	12.8	10.8	9.1	7.0	5.8
65°	47.1	41.3	35.6	30.4	25.4	20.7	16.6	13.8	11.5	9.3	7.0
62.5°	55.3	48.3	42.2	36.4	30.8	25.4	20.5	17.7	14.2	11.6	8.9
60°	64.7	57.6	49.1	42.5	36.2	30.1	25.2	21.7	18.0	13.9	10.9
57.5°	75.9	67.9	58.2	49.1	41.7	34.9	30.2	26.2	21.8	17.1	13.0
55°	88.0	78.6	67.0	56.6	47.5	39.8	35.6	31.1	25.8	20.7	15.3
52.5°	101.7	89.2	76.3	64.1	53.6	45.6	41.7	36.1	30.5	24.2	18.6
50°	114.6	100.4	85.7	72.2	59.6	53.1	48.2	42.2	35.2	27.9	22.3
47.5°	125.3	110.6	95.6	80.3	66.7	61.2	55.7	48.5	40.0	32.3	26.0
45°	136.2	119.9	104.6	88.9	76.2	70.3	63.9	55.1	46.0	37.4	29.9
42.5°	147.1	129.5	112.6	96.9	87.1	79.6	72.5	62.8	52.1	42.8	34.3
40°	160.7	139.4	120.5	106.6	97.8	88.7	81.0	71.1	58.5	48.8	39.1
37.5°	174.1	150.5	129.3	117.0	107.8	98.2	89.2	79.6	66.5	55.5	44.1
35°	191.4	162.3	141.7	127.9	117.1	107.2	97.3	87.8	75.9	62.3	49.1
32.5°	208.0	177.0	155.9	138.9	125.9	115.8	105.2	98.2	85.6	69.2	54.2
30°	230.4	196.7	169.8	149.3	134.6	123.6	115.1	109.8	95.6	76.1	59.5
27.5°	257.9	216.0	184.1	160.9	143.7	131.4	128.3	122.7	105.9	83.6	65.2
25°	285.9	238.9	201.2	172.7	152.2	144.5	141.3	136.5	116.6	92.0	70.8
22.5°	316.8	262.2	217.8	183.8	166.8	157.1	153.7	148.3	127.9	100.5	76.4
20°	346.8	284.3	234.8	202.2	182.6	170.6	165.4	159.9	139.6	108.9	81.7
17.5°	374.1	309.0	258.7	222.3	198.6	183.8	176.6	171.2	151.7	117.2	87.0
15°	392.3	335.5	281.1	241.2	213.9	196.7	187.5	182.3	164.0	125.2	90.7
12.5°	407.8	358.7	301.2	258.7	228.6	209.2	198.1	193.2	176.2	130.4	92.7
10°	420.7	378.7	319.2	275.0	242.5	221.3	208.3	200.9	180.9	133.1	94.4
7.5°	431.3	395.6	335.1	289.9	254.0	227.4	209.8	202.3	183.7	135.1	95.8
5°	438.7	405.5	342.7	293.8	254.8	227.0	209.9	203.4	185.6	136.4	96.9
2.5°	439.8	406.5	344.6	295.1	255.1	225.9	209.7	204.3	186.7	137.1	97.7
0°	439.8	405.1	344.9	295.2	254.5	224.4	209.3	204.8	186.8	137.1	97.9
-2.5°	439.8	406.5	344.6	295.1	255.1	225.9	209.7	204.3	186.7	137.1	97.7
-5°	438.7	405.5	342.7	293.8	254.8	227.0	209.9	203.4	185.6	136.4	96.9
-7.5°	431.3	395.6	335.1	289.9	254.0	227.4	209.8	202.3	183.7	135.1	95.8
-10°	420.7	378.7	319.2	275.0	242.5	221.3	208.3	200.9	180.9	133.1	94.4
-12.5°	407.8	358.7	301.2	258.7	228.6	209.2	198.1	193.2	176.2	130.4	92.7
-15°	392.3	335.5	281.1	241.2	213.9	196.7	187.5	182.3	164.0	125.2	90.7
-17.5°	374.1	309.0	258.7	222.3	198.6	183.8	176.6	171.2	151.7	117.2	87.0
-20°	346.8	284.3	234.8	202.2	182.6	170.6	165.4	159.9	139.6	108.9	81.7



REPORT NUMBER: P558913 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	316.8	262.2	217.8	183.8	166.8	157.1	153.7	148.3	127.9	100.5	76.4
-25°	285.9	238.9	201.2	172.7	152.2	144.5	141.3	136.5	116.6	92.0	70.8
-27.5°	257.9	216.0	184.1	160.9	143.7	131.4	128.3	122.7	105.9	83.6	65.2
-30°	230.4	196.7	169.8	149.3	134.6	123.6	115.1	109.8	95.6	76.1	59.5
-32.5°	208.0	177.0	155.9	138.9	125.9	115.8	105.2	98.2	85.6	69.2	54.2
-35°	191.4	162.3	141.7	127.9	117.1	107.2	97.3	87.8	75.9	62.3	49.1
-37.5°	174.1	150.5	129.3	117.0	107.8	98.2	89.2	79.6	66.5	55.5	44.1
-40°	160.7	139.4	120.5	106.6	97.8	88.7	81.0	71.1	58.5	48.8	39.1
-42.5°	147.1	129.5	112.6	96.9	87.1	79.6	72.5	62.8	52.1	42.8	34.3
-45°	136.2	119.9	104.6	88.9	76.2	70.3	63.9	55.1	46.0	37.4	29.9
-47.5°	125.3	110.6	95.6	80.3	66.7	61.2	55.7	48.5	40.0	32.3	26.0
-50°	114.6	100.4	85.7	72.2	59.6	53.1	48.2	42.2	35.2	27.9	22.3
-52.5°	101.7	89.2	76.3	64.1	53.6	45.6	41.7	36.1	30.5	24.2	18.6
-55°	88.0	78.6	67.0	56.6	47.5	39.8	35.6	31.1	25.8	20.7	15.3
-57.5°	75.9	67.9	58.2	49.1	41.7	34.9	30.2	26.2	21.8	17.1	13.0
-60°	64.7	57.6	49.1	42.5	36.2	30.1	25.2	21.7	18.0	13.9	10.9
-62.5°	55.3	48.3	42.2	36.4	30.8	25.4	20.5	17.7	14.2	11.6	8.9
-65°	47.1	41.3	35.6	30.4	25.4	20.7	16.6	13.8	11.5	9.3	7.0
-67.5°	39.2	33.5	28.8	24.3	20.2	16.4	12.8	10.8	9.1	7.0	5.8
-70°	28.9	24.8	22.0	18.7	15.3	12.2	9.9	8.2	6.6	5.7	4.5
-72.5°	19.9	17.8	15.7	13.2	11.0	9.0	7.2	5.9	5.3	4.4	3.3
-75°	12.9	11.8	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°	11.7	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°	16.0	10.5	6.2	3.0	3.1	1.9	0.0
47.5°	18.4	12.4	6.9	3.1	3.1	2.0	0.0
45°	21.8	14.3	7.7	3.7	3.2	2.1	0.0
42.5°	25.2	16.2	8.4	4.3	3.2	2.2	0.0
40°	28.6	18.1	9.5	4.8	3.3	2.3	0.0
37.5°	32.1	20.0	11.0	5.3	3.3	2.4	0.0
35°	35.7	22.5	12.4	5.7	3.4	2.5	0.0
32.5°	39.4	25.3	13.9	6.2	3.5	2.5	0.0
30°	43.5	28.0	15.2	6.5	3.5	2.6	0.0
27.5°	47.5	30.7	16.1	6.8	3.6	2.7	0.0
25°	51.5	33.2	16.8	7.1	3.7	2.7	0.0
22.5°	55.5	35.3	17.4	7.3	3.8	2.8	0.0
20°	59.3	36.0	17.8	7.4	3.9	2.8	0.0
17.5°	61.3	36.5	18.0	7.6	4.0	2.9	0.0
15°	62.0	36.7	18.2	7.7	4.0	2.9	0.0
12.5°	62.4	36.6	18.2	7.7	4.1	2.9	0.0
10°	62.6	36.3	18.0	7.7	4.2	3.0	0.0
7.5°	62.5	35.8	17.8	7.7	4.3	3.0	0.0
5°	62.0	35.1	17.5	7.7	4.4	3.0	0.0
2.5°	61.3	34.2	17.1	7.6	4.4	3.0	0.0
0°	60.2	33.1	16.6	7.5	4.5	3.0	0.0
-2.5°	61.3	34.2	17.1	7.6	4.4	3.0	0.0
-5°	62.0	35.1	17.5	7.7	4.4	3.0	0.0
-7.5°	62.5	35.8	17.8	7.7	4.3	3.0	0.0
-10°	62.6	36.3	18.0	7.7	4.2	3.0	0.0
-12.5°	62.4	36.6	18.2	7.7	4.1	2.9	0.0
-15°	62.0	36.7	18.2	7.7	4.0	2.9	0.0
-17.5°	61.3	36.5	18.0	7.6	4.0	2.9	0.0
-20°	59.3	36.0	17.8	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°	55.5	35.3	17.4	7.3	3.8	2.8	0.0
-25°	51.5	33.2	16.8	7.1	3.7	2.7	0.0
-27.5°	47.5	30.7	16.1	6.8	3.6	2.7	0.0
-30°	43.5	28.0	15.2	6.5	3.5	2.6	0.0
-32.5°	39.4	25.3	13.9	6.2	3.5	2.5	0.0
-35°	35.7	22.5	12.4	5.7	3.4	2.5	0.0
-37.5°	32.1	20.0	11.0	5.3	3.3	2.4	0.0
-40°	28.6	18.1	9.5	4.8	3.3	2.3	0.0
-42.5°	25.2	16.2	8.4	4.3	3.2	2.2	0.0
-45°	21.8	14.3	7.7	3.7	3.2	2.1	0.0
-47.5°	18.4	12.4	6.9	3.1	3.1	2.0	0.0
-50°	16.0	10.5	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°	11.7	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)