

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: P558689 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-927-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558689 (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-SA2D-927-U-TSB-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, TIGHT SPOT BAFFLE N1
Light Source: (32) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

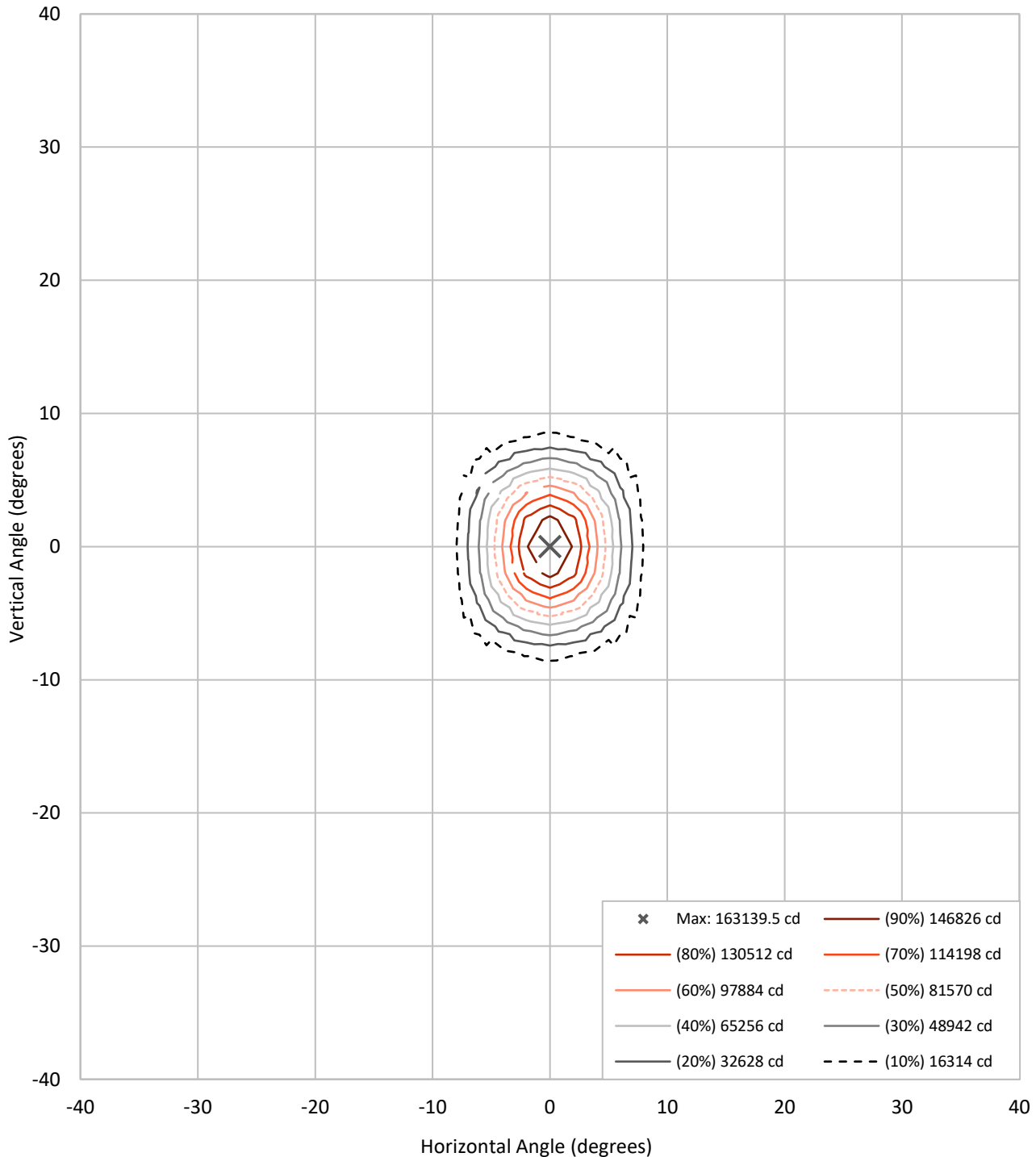
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	6353 lumens	Max Intensity:	163139.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	57.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	2723 lumens	Field Lumens:	4693.1 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 110
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





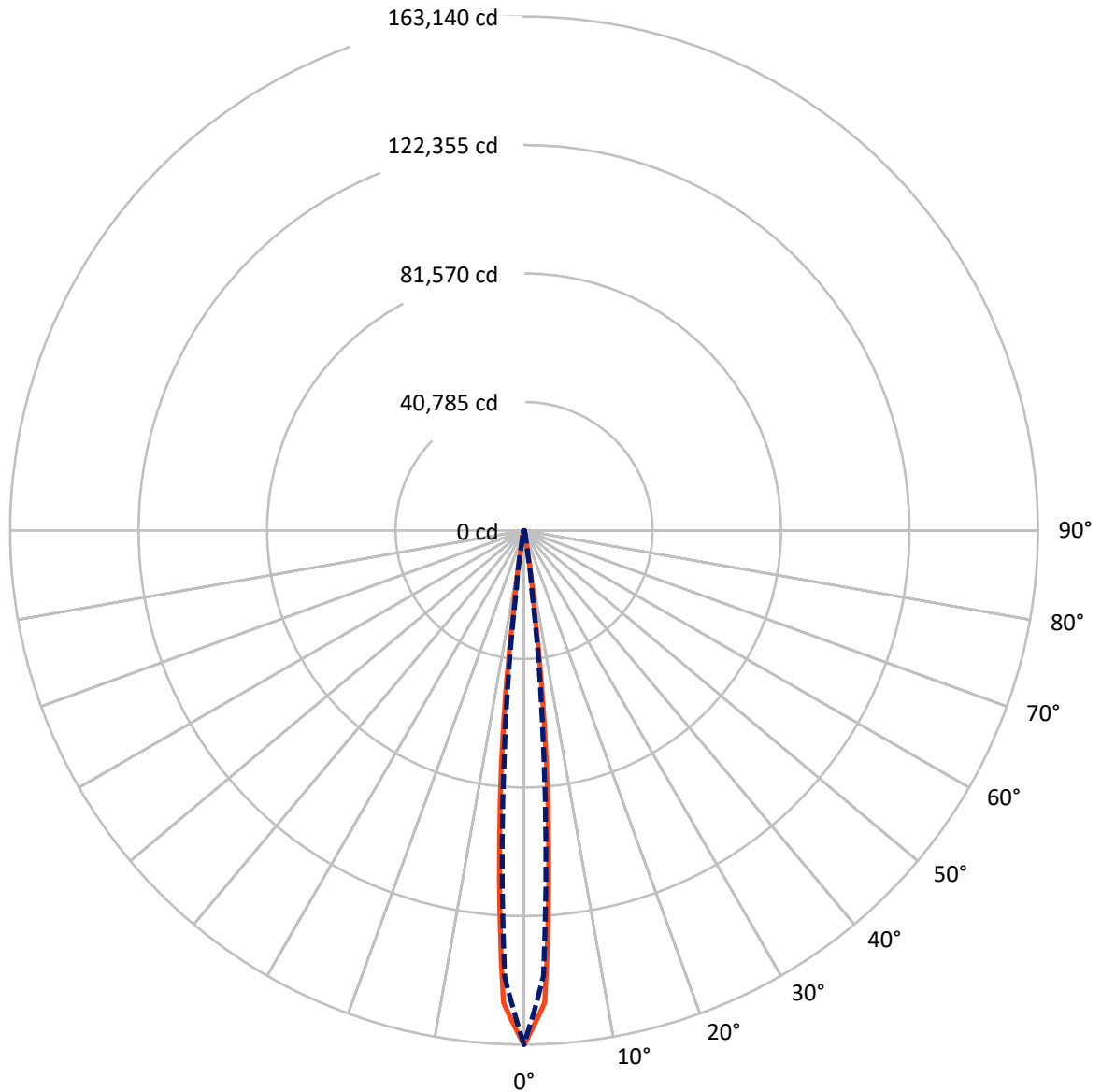
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Lumen Table

90																			
80	0.0	0.2		0.7		1.5		2.6		1.5		0.7		0.2		0.0			
70																			
60	0.1	0.1	0.3	0.7	1.1	1.4	2.2	3.9	3.9	2.2	1.4	1.1	0.7	0.3	0.1	0.1			
50		0.3	0.6	1.3	2.1	2.8	3.8	5.1	5.1	3.8	2.8	2.1	1.3	0.6	0.3				
40	0.3	0.4	1.0	2.0	3.6	5.4	6.9	8.3	8.3	6.9	5.4	3.6	2.0	1.0	0.4	0.3			
30		0.7	1.4	3.1	5.6	7.5	8.5	9.0	9.0	8.5	7.5	5.6	3.1	1.4	0.7				
20	0.6	1.0	2.0	4.4	6.8	8.2	11.1	14.7	14.7	11.1	8.2	6.8	4.4	2.0	1.0	0.6			
10		1.4	2.7	5.5	7.6	10.8	21.8	43.6	43.6	21.8	10.8	7.6	5.5	2.7	1.4				
0	0.7	1.6	3.3	6.2	7.9	13.8	43.2	1276.4	1276.4	43.2	13.8	7.9	6.2	3.3	1.6	0.7			
-10		1.6	3.3	6.2	7.9	13.8	43.2	1276.4	1276.4	43.2	13.8	7.9	6.2	3.3	1.6				
-20	0.6	1.4	2.7	5.5	7.6	10.8	21.8	43.6	43.6	21.8	10.8	7.6	5.5	2.7	1.4	0.6			
-30		1.0	2.0	4.4	6.8	8.2	11.1	14.7	14.7	11.1	8.2	6.8	4.4	2.0	1.0				
-40	0.3	0.7	1.4	3.1	5.6	7.5	8.5	9.0	9.0	8.5	7.5	5.6	3.1	1.4	0.7	0.3			
-50		0.4	1.0	2.0	3.6	5.4	6.9	8.3	8.3	6.9	5.4	3.6	2.0	1.0	0.4				
-60	0.1	0.3	0.6	1.3	2.1	2.8	3.8	5.1	5.1	3.8	2.8	2.1	1.3	0.6	0.3	0.1			
-70		0.1	0.3	0.7	1.1	1.4	2.2	3.9	3.9	2.2	1.4	1.1	0.7	0.3	0.1				
-80																			
-90	0.0	0.2		0.7		1.5		2.6		1.5		0.7		0.2		0.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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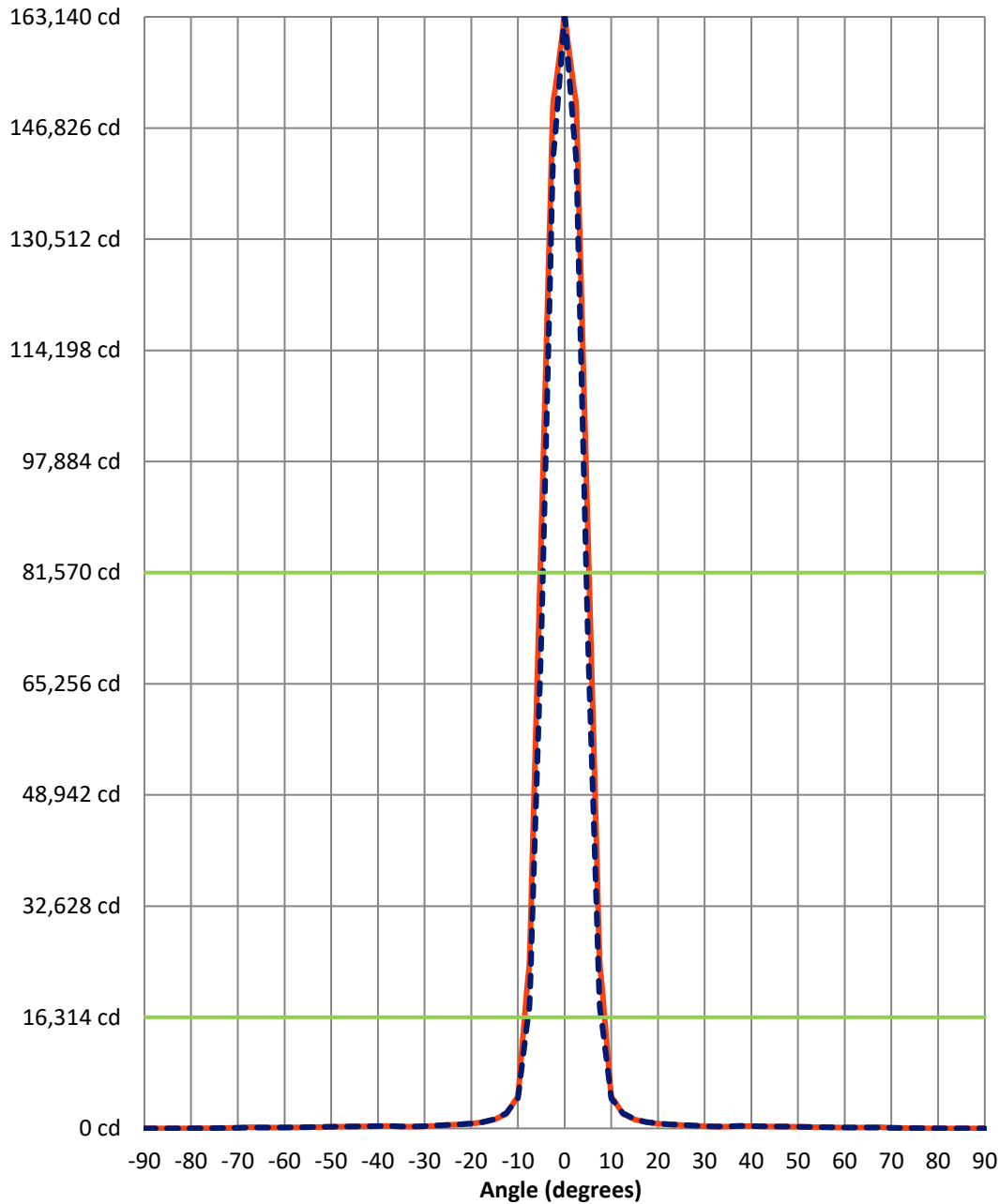
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 10.4°
Lumens: 2723
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 4693.1
Efficiency: 73.9%

Spill:
Lumens: 1659.9
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	0.2	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.8
85°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.3	1.5	1.6
82.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	1.9	1.9	1.9
80°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	1.9	1.9	1.9	1.9
77.5°	0.0	0.4	0.8	1.2	1.6	1.9	1.9	1.9	1.9	1.9	2.1
75°	0.0	0.5	1.0	1.5	1.9	1.9	1.9	1.9	2.0	2.5	2.9
72.5°	0.0	0.6	1.1	1.7	1.9	1.9	1.9	2.1	2.7	3.3	3.6
70°	0.0	0.6	1.3	1.9	1.9	1.9	2.0	2.8	3.5	4.1	5.1
67.5°	0.0	0.7	1.5	1.9	1.9	1.9	2.7	3.6	4.3	5.6	6.6
65°	0.0	0.8	1.6	1.9	1.9	2.2	3.4	4.3	5.7	7.1	8.5
62.5°	0.0	0.9	1.8	1.9	1.9	2.8	4.0	5.4	7.1	8.8	10.9
60°	0.0	0.9	1.9	1.9	1.9	3.4	4.7	6.7	8.6	11.1	13.4
57.5°	0.0	1.0	1.9	1.9	2.4	4.0	5.9	8.0	10.6	13.4	16.2
55°	0.0	1.1	1.9	1.9	2.9	4.6	7.2	9.4	12.7	15.9	19.2
52.5°	0.0	1.2	1.9	1.9	3.4	5.3	8.5	11.5	14.9	18.8	22.3
50°	0.0	1.2	2.0	1.9	3.8	6.5	9.9	13.7	17.2	21.7	26.0
47.5°	0.0	1.3	2.0	2.0	4.3	7.6	11.3	16.0	19.9	24.7	29.9
45°	0.0	1.3	2.0	2.3	4.8	8.8	13.4	18.4	23.1	28.4	34.0
42.5°	0.0	1.4	2.0	2.7	5.2	10.0	15.5	21.1	26.4	32.1	38.8
40°	0.0	1.5	2.1	3.0	5.9	11.2	17.6	24.1	30.1	36.1	43.8
37.5°	0.0	1.5	2.1	3.3	6.8	12.3	19.8	27.2	34.2	41.1	49.1
35°	0.0	1.6	2.1	3.6	7.7	13.9	22.0	30.3	38.4	46.8	54.1
32.5°	0.0	1.6	2.2	3.8	8.6	15.6	24.2	33.4	42.6	52.8	60.5
30°	0.0	1.6	2.2	4.0	9.4	17.2	26.8	36.7	46.9	58.9	67.7
27.5°	0.0	1.7	2.3	4.2	9.9	18.9	29.3	40.2	51.5	65.3	75.6
25°	0.0	1.7	2.3	4.4	10.4	20.5	31.7	43.6	56.7	71.8	84.1
22.5°	0.0	1.8	2.4	4.5	10.7	21.7	34.2	47.0	61.9	78.8	91.4
20°	0.0	1.8	2.4	4.6	10.9	22.2	36.5	50.4	67.1	86.0	98.5
17.5°	0.0	1.8	2.5	4.7	11.1	22.5	37.8	53.6	72.2	93.5	105.5
15°	0.0	1.8	2.5	4.7	11.2	22.6	38.2	55.9	77.2	101.0	112.4
12.5°	0.0	1.9	2.6	4.8	11.2	22.6	38.5	57.1	80.4	108.5	119.1
10°	0.0	1.9	2.6	4.8	11.1	22.4	38.6	58.1	82.0	111.4	123.8
7.5°	0.0	1.9	2.7	4.7	11.0	22.1	38.5	59.0	83.2	113.2	124.7
5°	0.0	1.9	2.7	4.7	10.8	21.6	38.2	59.7	84.0	114.4	125.4
2.5°	0.0	1.9	2.8	4.7	10.5	21.1	37.8	60.1	84.5	115.0	125.9
0°	0.0	1.9	2.8	4.6	10.2	20.4	37.1	60.3	84.5	115.1	126.2
-2.5°	0.0	1.9	2.8	4.7	10.5	21.1	37.8	60.1	84.5	115.0	125.9
-5°	0.0	1.9	2.7	4.7	10.8	21.6	38.2	59.7	84.0	114.4	125.4
-7.5°	0.0	1.9	2.7	4.7	11.0	22.1	38.5	59.0	83.2	113.2	124.7
-10°	0.0	1.9	2.6	4.8	11.1	22.4	38.6	58.1	82.0	111.4	123.8
-12.5°	0.0	1.9	2.6	4.8	11.2	22.6	38.5	57.1	80.4	108.5	119.1
-15°	0.0	1.8	2.5	4.7	11.2	22.6	38.2	55.9	77.2	101.0	112.4
-17.5°	0.0	1.8	2.5	4.7	11.1	22.5	37.8	53.6	72.2	93.5	105.5
-20°	0.0	1.8	2.4	4.6	10.9	22.2	36.5	50.4	67.1	86.0	98.5



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 CATALOG NUMBER: GFLD-SA2D-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	1.8	2.4	4.5	10.7	21.7	34.2	47.0	61.9	78.8	91.4
-25°	0.0	1.7	2.3	4.4	10.4	20.5	31.7	43.6	56.7	71.8	84.1
-27.5°	0.0	1.7	2.3	4.2	9.9	18.9	29.3	40.2	51.5	65.3	75.6
-30°	0.0	1.6	2.2	4.0	9.4	17.2	26.8	36.7	46.9	58.9	67.7
-32.5°	0.0	1.6	2.2	3.8	8.6	15.6	24.2	33.4	42.6	52.8	60.5
-35°	0.0	1.6	2.1	3.6	7.7	13.9	22.0	30.3	38.4	46.8	54.1
-37.5°	0.0	1.5	2.1	3.3	6.8	12.3	19.8	27.2	34.2	41.1	49.1
-40°	0.0	1.5	2.1	3.0	5.9	11.2	17.6	24.1	30.1	36.1	43.8
-42.5°	0.0	1.4	2.0	2.7	5.2	10.0	15.5	21.1	26.4	32.1	38.8
-45°	0.0	1.3	2.0	2.3	4.8	8.8	13.4	18.4	23.1	28.4	34.0
-47.5°	0.0	1.3	2.0	2.0	4.3	7.6	11.3	16.0	19.9	24.7	29.9
-50°	0.0	1.2	2.0	1.9	3.8	6.5	9.9	13.7	17.2	21.7	26.0
-52.5°	0.0	1.2	1.9	1.9	3.4	5.3	8.5	11.5	14.9	18.8	22.3
-55°	0.0	1.1	1.9	1.9	2.9	4.6	7.2	9.4	12.7	15.9	19.2
-57.5°	0.0	1.0	1.9	1.9	2.4	4.0	5.9	8.0	10.6	13.4	16.2
-60°	0.0	0.9	1.9	1.9	1.9	3.4	4.7	6.7	8.6	11.1	13.4
-62.5°	0.0	0.9	1.8	1.9	1.9	2.8	4.0	5.4	7.1	8.8	10.9
-65°	0.0	0.8	1.6	1.9	1.9	2.2	3.4	4.3	5.7	7.1	8.5
-67.5°	0.0	0.7	1.5	1.9	1.9	1.9	2.7	3.6	4.3	5.6	6.6
-70°	0.0	0.6	1.3	1.9	1.9	1.9	2.0	2.8	3.5	4.1	5.1
-72.5°	0.0	0.6	1.1	1.7	1.9	1.9	1.9	2.1	2.7	3.3	3.6
-75°	0.0	0.5	1.0	1.5	1.9	1.9	1.9	1.9	2.0	2.5	2.9
-77.5°	0.0	0.4	0.8	1.2	1.6	1.9	1.9	1.9	1.9	1.9	2.1
-80°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	1.9	1.9	1.9	1.9
-82.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	1.9	1.9	1.9
-85°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.3	1.5	1.6
-87.5°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA2D-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°	0.8	0.7	0.6	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7
85°	1.5	1.4	1.2	1.1	1.1	1.2	1.3	1.3	1.4	1.4	1.5
82.5°	1.8	1.7	1.6	1.6	1.7	1.8	1.9	2.1	2.3	2.4	2.6
80°	1.9	1.9	2.2	2.4	2.7	2.9	3.2	3.4	3.6	3.9	4.4
77.5°	2.4	2.8	3.1	3.4	3.8	4.5	5.2	5.7	6.3	7.1	7.9
75°	3.2	3.7	4.6	5.6	6.5	7.3	7.9	8.9	10.1	11.5	12.8
72.5°	4.4	5.6	6.8	8.1	9.7	11.0	12.2	13.4	15.4	17.6	19.3
70°	6.1	7.5	9.4	11.5	13.5	15.2	17.8	20.8	23.9	25.4	26.3
67.5°	7.9	10.1	12.5	14.9	17.7	20.7	24.2	27.4	30.5	31.8	32.9
65°	10.2	12.8	15.6	18.8	22.0	25.5	29.0	32.6	35.9	37.6	39.4
62.5°	12.7	15.7	19.0	22.5	26.0	29.8	34.1	37.8	40.5	43.9	47.8
60°	15.5	18.5	22.3	26.2	30.3	35.5	39.8	43.9	47.7	51.5	57.4
57.5°	18.6	21.5	25.7	30.2	35.8	41.8	46.8	51.2	56.4	61.8	67.8
55°	21.9	24.5	29.3	34.9	41.3	48.4	54.2	60.3	66.3	71.1	76.4
52.5°	25.7	28.1	33.1	39.5	47.0	55.0	62.7	69.0	74.6	79.9	85.9
50°	29.7	32.7	36.8	44.5	52.8	61.9	70.6	77.0	83.3	89.6	96.3
47.5°	34.4	37.7	41.1	49.5	58.9	68.1	77.2	85.3	92.3	100.7	108.4
45°	39.4	43.3	47.0	54.8	64.4	73.9	83.9	93.7	103.5	113.4	125.7
42.5°	44.7	49.0	53.7	59.7	69.4	79.8	90.6	103.6	116.1	129.8	145.8
40°	49.9	54.7	60.2	65.7	74.3	85.9	99.1	113.6	131.2	149.0	168.4
37.5°	55.0	60.5	66.5	72.1	79.7	92.7	107.3	125.9	147.1	169.5	194.2
35°	59.9	66.1	72.2	78.8	87.3	100.0	117.9	139.0	164.4	192.8	215.4
32.5°	64.8	71.4	77.6	85.6	96.1	109.1	128.2	154.7	184.0	212.8	227.9
30°	70.9	76.2	82.9	92.0	104.6	121.2	141.9	170.5	203.9	223.5	237.6
27.5°	79.0	81.0	88.6	99.2	113.4	133.1	158.9	188.6	216.2	233.4	246.0
25°	87.1	89.0	93.8	106.4	124.0	147.2	176.2	210.0	226.4	241.0	255.5
22.5°	94.7	96.8	102.8	113.2	134.2	161.6	195.2	224.9	240.5	249.7	265.5
20°	101.9	105.1	112.5	124.6	144.7	175.2	213.7	238.6	253.5	264.6	279.2
17.5°	108.8	113.2	122.4	137.0	159.5	190.4	230.6	252.3	266.8	277.5	295.6
15°	115.5	121.2	131.8	148.6	173.2	206.8	241.8	263.5	279.1	289.7	310.8
12.5°	122.0	128.9	140.9	159.4	185.6	221.1	251.3	270.8	286.3	302.5	324.3
10°	128.3	136.4	149.5	169.4	196.7	233.4	259.2	276.6	292.2	312.8	335.5
7.5°	129.3	140.2	156.5	178.6	206.6	243.8	265.8	281.2	298.1	322.2	345.6
5°	129.3	139.9	157.0	181.0	211.2	249.9	270.3	284.6	303.8	330.5	354.7
2.5°	129.2	139.2	157.2	181.8	212.4	250.5	271.0	285.5	307.0	338.7	363.0
0°	129.0	138.3	156.8	181.9	212.5	249.7	271.0	285.8	309.0	346.2	370.3
-2.5°	129.2	139.2	157.2	181.8	212.4	250.5	271.0	285.5	307.0	338.7	363.0
-5°	129.3	139.9	157.0	181.0	211.2	249.9	270.3	284.6	303.8	330.5	354.7
-7.5°	129.3	140.2	156.5	178.6	206.6	243.8	265.8	281.2	298.1	322.2	345.6
-10°	128.3	136.4	149.5	169.4	196.7	233.4	259.2	276.6	292.2	312.8	335.5
-12.5°	122.0	128.9	140.9	159.4	185.6	221.1	251.3	270.8	286.3	302.5	324.3
-15°	115.5	121.2	131.8	148.6	173.2	206.8	241.8	263.5	279.1	289.7	310.8
-17.5°	108.8	113.2	122.4	137.0	159.5	190.4	230.6	252.3	266.8	277.5	295.6
-20°	101.9	105.1	112.5	124.6	144.7	175.2	213.7	238.6	253.5	264.6	279.2



REPORT NUMBER: P558689 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-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°	94.7	96.8	102.8	113.2	134.2	161.6	195.2	224.9	240.5	249.7	265.5
-25°	87.1	89.0	93.8	106.4	124.0	147.2	176.2	210.0	226.4	241.0	255.5
-27.5°	79.0	81.0	88.6	99.2	113.4	133.1	158.9	188.6	216.2	233.4	246.0
-30°	70.9	76.2	82.9	92.0	104.6	121.2	141.9	170.5	203.9	223.5	237.6
-32.5°	64.8	71.4	77.6	85.6	96.1	109.1	128.2	154.7	184.0	212.8	227.9
-35°	59.9	66.1	72.2	78.8	87.3	100.0	117.9	139.0	164.4	192.8	215.4
-37.5°	55.0	60.5	66.5	72.1	79.7	92.7	107.3	125.9	147.1	169.5	194.2
-40°	49.9	54.7	60.2	65.7	74.3	85.9	99.1	113.6	131.2	149.0	168.4
-42.5°	44.7	49.0	53.7	59.7	69.4	79.8	90.6	103.6	116.1	129.8	145.8
-45°	39.4	43.3	47.0	54.8	64.4	73.9	83.9	93.7	103.5	113.4	125.7
-47.5°	34.4	37.7	41.1	49.5	58.9	68.1	77.2	85.3	92.3	100.7	108.4
-50°	29.7	32.7	36.8	44.5	52.8	61.9	70.6	77.0	83.3	89.6	96.3
-52.5°	25.7	28.1	33.1	39.5	47.0	55.0	62.7	69.0	74.6	79.9	85.9
-55°	21.9	24.5	29.3	34.9	41.3	48.4	54.2	60.3	66.3	71.1	76.4
-57.5°	18.6	21.5	25.7	30.2	35.8	41.8	46.8	51.2	56.4	61.8	67.8
-60°	15.5	18.5	22.3	26.2	30.3	35.5	39.8	43.9	47.7	51.5	57.4
-62.5°	12.7	15.7	19.0	22.5	26.0	29.8	34.1	37.8	40.5	43.9	47.8
-65°	10.2	12.8	15.6	18.8	22.0	25.5	29.0	32.6	35.9	37.6	39.4
-67.5°	7.9	10.1	12.5	14.9	17.7	20.7	24.2	27.4	30.5	31.8	32.9
-70°	6.1	7.5	9.4	11.5	13.5	15.2	17.8	20.8	23.9	25.4	26.3
-72.5°	4.4	5.6	6.8	8.1	9.7	11.0	12.2	13.4	15.4	17.6	19.3
-75°	3.2	3.7	4.6	5.6	6.5	7.3	7.9	8.9	10.1	11.5	12.8
-77.5°	2.4	2.8	3.1	3.4	3.8	4.5	5.2	5.7	6.3	7.1	7.9
-80°	1.9	1.9	2.2	2.4	2.7	2.9	3.2	3.4	3.6	3.9	4.4
-82.5°	1.8	1.7	1.6	1.6	1.7	1.8	1.9	2.1	2.3	2.4	2.6
-85°	1.5	1.4	1.2	1.1	1.1	1.2	1.3	1.3	1.4	1.4	1.5
-87.5°	0.8	0.7	0.6	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7
-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: P558689 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-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°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9
85°	1.5	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.9
82.5°	2.7	2.9	3.0	3.1	3.2	3.3	3.4	3.4	3.5	3.6	3.6
80°	5.0	5.4	5.6	5.9	6.0	6.7	7.5	8.4	9.3	9.6	9.8
77.5°	8.9	9.5	9.9	10.2	10.4	11.9	13.7	15.7	17.7	18.7	19.6
75°	14.0	14.8	15.3	15.7	15.9	18.2	21.5	24.9	28.5	30.4	31.7
72.5°	20.4	21.0	21.5	22.0	22.2	25.5	31.4	37.9	44.8	49.0	52.0
70°	27.1	27.9	28.5	29.0	29.3	33.3	41.9	50.9	60.2	69.5	79.5
67.5°	34.3	35.8	36.7	37.1	37.6	41.0	50.2	58.6	66.5	83.3	109.9
65°	42.1	45.7	47.2	48.1	48.4	49.9	57.8	64.8	71.2	84.4	104.6
62.5°	52.1	56.9	59.1	60.0	60.6	60.6	67.1	73.0	78.5	86.7	99.6
60°	62.9	68.0	70.6	71.4	71.9	72.1	77.2	83.1	88.5	95.2	107.2
57.5°	72.7	77.5	81.4	83.0	84.3	85.2	89.6	96.5	103.0	109.7	122.6
55°	82.1	87.9	93.4	96.5	99.3	101.8	106.2	114.9	123.3	131.1	144.5
52.5°	92.4	99.8	107.1	112.6	118.0	122.7	127.5	138.8	149.9	160.3	173.3
50°	104.6	113.8	124.4	133.4	141.2	148.8	155.6	169.0	184.0	198.2	211.9
47.5°	120.1	132.2	145.8	158.7	169.2	181.0	191.7	205.4	218.7	231.9	243.3
45°	139.1	155.9	171.7	188.7	203.6	211.4	217.6	226.2	239.8	252.8	263.4
42.5°	163.5	183.0	202.4	215.0	224.7	231.0	235.5	240.0	254.3	266.8	277.1
40°	190.6	210.2	222.1	232.5	239.1	244.8	251.9	258.8	270.1	282.9	294.3
37.5°	214.1	226.6	237.1	245.3	253.3	260.9	271.1	281.1	291.8	306.2	316.8
35°	228.5	239.5	250.2	260.4	270.8	282.3	295.1	309.8	322.9	311.0	293.8
32.5°	239.6	250.9	263.7	279.5	293.7	309.5	325.5	299.8	273.5	263.3	265.4
30°	249.2	262.3	280.0	300.6	320.4	313.3	278.3	266.0	269.7	276.9	290.7
27.5°	259.5	275.8	297.4	322.8	307.2	268.5	270.5	277.6	301.6	322.0	352.9
25°	271.6	291.4	318.2	306.5	271.0	274.6	292.6	319.8	365.5	408.2	445.5
22.5°	286.3	311.5	315.0	271.0	275.8	299.3	335.8	394.6	450.2	501.8	540.3
20°	301.2	330.2	285.6	276.3	296.9	338.9	406.7	474.2	536.3	582.4	621.0
17.5°	319.0	308.8	277.2	287.1	328.9	401.4	477.7	549.2	607.8	687.5	755.5
15°	334.7	288.2	282.3	314.9	377.8	459.4	542.3	606.6	712.4	826.7	942.4
12.5°	325.7	280.8	291.4	339.7	422.4	510.6	583.9	685.6	825.5	992.5	1243.5
10°	312.5	285.0	310.7	374.1	460.6	546.4	622.6	755.9	940.6	1247.4	1642.5
7.5°	302.2	286.7	323.5	400.4	488.9	568.1	669.6	831.3	1088.7	1509.6	2351.0
5°	294.4	286.6	329.4	415.6	505.7	583.1	698.6	886.1	1233.9	1833.5	3271.3
2.5°	291.0	285.1	331.0	423.8	514.0	591.4	716.7	925.5	1325.5	2134.3	4301.6
0°	293.3	282.1	330.4	426.9	518.8	590.3	719.3	937.3	1353.1	2245.5	4439.9
-2.5°	291.0	285.1	331.0	423.8	514.0	591.4	716.7	925.5	1325.5	2134.3	4301.6
-5°	294.4	286.6	329.4	415.6	505.7	583.1	698.6	886.1	1233.9	1833.5	3271.3
-7.5°	302.2	286.7	323.5	400.4	488.9	568.1	669.6	831.3	1088.7	1509.6	2351.0
-10°	312.5	285.0	310.7	374.1	460.6	546.4	622.6	755.9	940.6	1247.4	1642.5
-12.5°	325.7	280.8	291.4	339.7	422.4	510.6	583.9	685.6	825.5	992.5	1243.5
-15°	334.7	288.2	282.3	314.9	377.8	459.4	542.3	606.6	712.4	826.7	942.4
-17.5°	319.0	308.8	277.2	287.1	328.9	401.4	477.7	549.2	607.8	687.5	755.5
-20°	301.2	330.2	285.6	276.3	296.9	338.9	406.7	474.2	536.3	582.4	621.0



REPORT NUMBER: P558689 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-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°	286.3	311.5	315.0	271.0	275.8	299.3	335.8	394.6	450.2	501.8	540.3
-25°	271.6	291.4	318.2	306.5	271.0	274.6	292.6	319.8	365.5	408.2	445.5
-27.5°	259.5	275.8	297.4	322.8	307.2	268.5	270.5	277.6	301.6	322.0	352.9
-30°	249.2	262.3	280.0	300.6	320.4	313.3	278.3	266.0	269.7	276.9	290.7
-32.5°	239.6	250.9	263.7	279.5	293.7	309.5	325.5	299.8	273.5	263.3	265.4
-35°	228.5	239.5	250.2	260.4	270.8	282.3	295.1	309.8	322.9	311.0	293.8
-37.5°	214.1	226.6	237.1	245.3	253.3	260.9	271.1	281.1	291.8	306.2	316.8
-40°	190.6	210.2	222.1	232.5	239.1	244.8	251.9	258.8	270.1	282.9	294.3
-42.5°	163.5	183.0	202.4	215.0	224.7	231.0	235.5	240.0	254.3	266.8	277.1
-45°	139.1	155.9	171.7	188.7	203.6	211.4	217.6	226.2	239.8	252.8	263.4
-47.5°	120.1	132.2	145.8	158.7	169.2	181.0	191.7	205.4	218.7	231.9	243.3
-50°	104.6	113.8	124.4	133.4	141.2	148.8	155.6	169.0	184.0	198.2	211.9
-52.5°	92.4	99.8	107.1	112.6	118.0	122.7	127.5	138.8	149.9	160.3	173.3
-55°	82.1	87.9	93.4	96.5	99.3	101.8	106.2	114.9	123.3	131.1	144.5
-57.5°	72.7	77.5	81.4	83.0	84.3	85.2	89.6	96.5	103.0	109.7	122.6
-60°	62.9	68.0	70.6	71.4	71.9	72.1	77.2	83.1	88.5	95.2	107.2
-62.5°	52.1	56.9	59.1	60.0	60.6	60.6	67.1	73.0	78.5	86.7	99.6
-65°	42.1	45.7	47.2	48.1	48.4	49.9	57.8	64.8	71.2	84.4	104.6
-67.5°	34.3	35.8	36.7	37.1	37.6	41.0	50.2	58.6	66.5	83.3	109.9
-70°	27.1	27.9	28.5	29.0	29.3	33.3	41.9	50.9	60.2	69.5	79.5
-72.5°	20.4	21.0	21.5	22.0	22.2	25.5	31.4	37.9	44.8	49.0	52.0
-75°	14.0	14.8	15.3	15.7	15.9	18.2	21.5	24.9	28.5	30.4	31.7
-77.5°	8.9	9.5	9.9	10.2	10.4	11.9	13.7	15.7	17.7	18.7	19.6
-80°	5.0	5.4	5.6	5.9	6.0	6.7	7.5	8.4	9.3	9.6	9.8
-82.5°	2.7	2.9	3.0	3.1	3.2	3.3	3.4	3.4	3.5	3.6	3.6
-85°	1.5	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.9
-87.5°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	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



REPORT NUMBER: P558689 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-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°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
85°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8
82.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.5	3.4
80°	10.0	10.1	9.7	9.3	9.7	10.1	10.0	9.8	9.6	9.3	8.4
77.5°	20.4	21.1	20.4	19.5	20.4	21.1	20.4	19.6	18.7	17.7	15.7
75°	32.9	33.9	33.4	32.5	33.4	33.9	32.9	31.7	30.4	28.5	24.9
72.5°	54.9	57.7	57.0	55.7	57.0	57.7	54.9	52.0	49.0	44.8	37.9
70°	89.9	100.5	100.0	97.4	100.0	100.5	89.9	79.5	69.5	60.2	50.9
67.5°	138.7	168.6	178.1	182.8	178.1	168.6	138.7	109.9	83.3	66.5	58.6
65°	123.5	141.6	148.8	154.1	148.8	141.6	123.5	104.6	84.4	71.2	64.8
62.5°	111.1	121.8	124.1	124.4	124.1	121.8	111.1	99.6	86.7	78.5	73.0
60°	118.9	130.2	131.9	129.9	131.9	130.2	118.9	107.2	95.2	88.5	83.1
57.5°	135.0	147.0	149.1	146.6	149.1	147.0	135.0	122.6	109.7	103.0	96.5
55°	157.4	169.4	173.4	172.6	173.4	169.4	157.4	144.5	131.1	123.3	114.9
52.5°	185.8	196.9	201.5	201.4	201.5	196.9	185.8	173.3	160.3	149.9	138.8
50°	223.9	233.8	238.7	239.4	238.7	233.8	223.9	211.9	198.2	184.0	169.0
47.5°	251.3	257.9	261.3	261.7	261.3	257.9	251.3	243.3	231.9	218.7	205.4
45°	268.1	271.7	274.3	276.6	274.3	271.7	268.1	263.4	252.8	239.8	226.2
42.5°	284.0	291.3	296.7	297.9	296.7	291.3	284.0	277.1	266.8	254.3	240.0
40°	305.2	315.3	324.9	335.0	324.9	315.3	305.2	294.3	282.9	270.1	258.8
37.5°	327.8	339.0	348.3	353.6	348.3	339.0	327.8	316.8	306.2	291.8	281.1
35°	281.7	274.3	269.9	268.2	269.9	274.3	281.7	293.8	311.0	322.9	309.8
32.5°	266.6	267.1	266.3	264.5	266.3	267.1	266.6	265.4	263.3	273.5	299.8
30°	301.0	305.9	306.5	306.3	306.5	305.9	301.0	290.7	276.9	269.7	266.0
27.5°	375.8	388.4	392.3	400.0	392.3	388.4	375.8	352.9	322.0	301.6	277.6
25°	474.4	493.4	502.4	505.8	502.4	493.4	474.4	445.5	408.2	365.5	319.8
22.5°	562.1	576.6	585.0	592.1	585.0	576.6	562.1	540.3	501.8	450.2	394.6
20°	666.0	692.3	704.4	705.3	704.4	692.3	666.0	621.0	582.4	536.3	474.2
17.5°	828.1	879.4	905.1	912.3	905.1	879.4	828.1	755.5	687.5	607.8	549.2
15°	1083.9	1214.9	1282.3	1314.1	1282.3	1214.9	1083.9	942.4	826.7	712.4	606.6
12.5°	1501.2	1796.6	2035.4	2125.3	2035.4	1796.6	1501.2	1243.5	992.5	825.5	685.6
10°	2328.0	3210.0	4240.4	4721.1	4240.4	3210.0	2328.0	1642.5	1247.4	940.6	755.9
7.5°	4503.8	10457.1	20267.6	24947.4	20267.6	10457.1	4503.8	2351.0	1509.6	1088.7	831.3
5°	9600.1	41430.8	74197.4	87151.2	74197.4	41430.8	9600.1	3271.3	1833.5	1233.9	886.1
2.5°	15290.8	67951.9	128214.4	149920.2	128214.4	67951.9	15290.8	4301.6	2134.3	1325.5	925.5
0°	18269.5	71608.8	141481.7	163139.5	141481.7	71608.8	18269.5	4439.9	2245.5	1353.1	937.3
-2.5°	15290.8	67951.9	128214.4	149920.1	128214.4	67951.9	15290.8	4301.6	2134.3	1325.5	925.5
-5°	9600.1	41430.8	74197.4	87151.2	74197.4	41430.8	9600.1	3271.3	1833.5	1233.9	886.1
-7.5°	4503.8	10457.1	20267.6	24947.4	20267.6	10457.1	4503.8	2351.0	1509.6	1088.7	831.3
-10°	2328.0	3210.0	4240.4	4721.1	4240.4	3210.0	2328.0	1642.5	1247.4	940.6	755.9
-12.5°	1501.2	1796.6	2035.4	2125.3	2035.4	1796.6	1501.2	1243.5	992.5	825.5	685.6
-15°	1083.9	1214.9	1282.3	1314.1	1282.3	1214.9	1083.9	942.4	826.7	712.4	606.6
-17.5°	828.1	879.4	905.1	912.3	905.1	879.4	828.1	755.5	687.5	607.8	549.2
-20°	666.0	692.3	704.4	705.3	704.4	692.3	666.0	621.0	582.4	536.3	474.2



REPORT NUMBER: P558689 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-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°	562.1	576.6	585.0	592.1	585.0	576.6	562.1	540.3	501.8	450.2	394.6
-25°	474.4	493.4	502.4	505.8	502.4	493.4	474.4	445.5	408.2	365.5	319.8
-27.5°	375.8	388.4	392.3	400.0	392.3	388.4	375.8	352.9	322.0	301.6	277.6
-30°	301.0	305.9	306.5	306.3	306.5	305.9	301.0	290.7	276.9	269.7	266.0
-32.5°	266.6	267.1	266.3	264.5	266.3	267.1	266.6	265.4	263.3	273.5	299.8
-35°	281.7	274.3	269.9	268.2	269.9	274.3	281.7	293.8	311.0	322.9	309.8
-37.5°	327.8	339.0	348.3	353.6	348.3	339.0	327.8	316.8	306.2	291.8	281.1
-40°	305.2	315.3	324.9	335.0	324.9	315.3	305.2	294.3	282.9	270.1	258.8
-42.5°	284.0	291.3	296.7	297.9	296.7	291.3	284.0	277.1	266.8	254.3	240.0
-45°	268.1	271.7	274.3	276.6	274.3	271.7	268.1	263.4	252.8	239.8	226.2
-47.5°	251.3	257.9	261.3	261.7	261.3	257.9	251.3	243.3	231.9	218.7	205.4
-50°	223.9	233.8	238.7	239.4	238.7	233.8	223.9	211.9	198.2	184.0	169.0
-52.5°	185.8	196.9	201.5	201.4	201.5	196.9	185.8	173.3	160.3	149.9	138.8
-55°	157.4	169.4	173.4	172.6	173.4	169.4	157.4	144.5	131.1	123.3	114.9
-57.5°	135.0	147.0	149.1	146.6	149.1	147.0	135.0	122.6	109.7	103.0	96.5
-60°	118.9	130.2	131.9	129.9	131.9	130.2	118.9	107.2	95.2	88.5	83.1
-62.5°	111.1	121.8	124.1	124.4	124.1	121.8	111.1	99.6	86.7	78.5	73.0
-65°	123.5	141.6	148.8	154.1	148.8	141.6	123.5	104.6	84.4	71.2	64.8
-67.5°	138.7	168.6	178.1	182.8	178.1	168.6	138.7	109.9	83.3	66.5	58.6
-70°	89.9	100.5	100.0	97.4	100.0	100.5	89.9	79.5	69.5	60.2	50.9
-72.5°	54.9	57.7	57.0	55.7	57.0	57.7	54.9	52.0	49.0	44.8	37.9
-75°	32.9	33.9	33.4	32.5	33.4	33.9	32.9	31.7	30.4	28.5	24.9
-77.5°	20.4	21.1	20.4	19.5	20.4	21.1	20.4	19.6	18.7	17.7	15.7
-80°	10.0	10.1	9.7	9.3	9.7	10.1	10.0	9.8	9.6	9.3	8.4
-82.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.5	3.4
-85°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8
-87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	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



REPORT NUMBER: P558689 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6
85°	1.8	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3
82.5°	3.4	3.3	3.2	3.1	3.0	2.9	2.7	2.6	2.4	2.3	2.1
80°	7.5	6.7	6.0	5.9	5.6	5.4	5.0	4.4	3.9	3.6	3.4
77.5°	13.7	11.9	10.4	10.2	9.9	9.5	8.9	7.9	7.1	6.3	5.7
75°	21.5	18.2	15.9	15.7	15.3	14.8	14.0	12.8	11.5	10.1	8.9
72.5°	31.4	25.5	22.2	22.0	21.5	21.0	20.4	19.3	17.6	15.4	13.4
70°	41.9	33.3	29.3	29.0	28.5	27.9	27.1	26.3	25.4	23.9	20.8
67.5°	50.2	41.0	37.6	37.1	36.7	35.8	34.3	32.9	31.8	30.5	27.4
65°	57.8	49.9	48.4	48.1	47.2	45.7	42.1	39.4	37.6	35.9	32.6
62.5°	67.1	60.6	60.6	60.0	59.1	56.9	52.1	47.8	43.9	40.5	37.8
60°	77.2	72.1	71.9	71.4	70.6	68.0	62.9	57.4	51.5	47.7	43.9
57.5°	89.6	85.2	84.3	83.0	81.4	77.5	72.7	67.8	61.8	56.4	51.2
55°	106.2	101.8	99.3	96.5	93.4	87.9	82.1	76.4	71.1	66.3	60.3
52.5°	127.5	122.7	118.0	112.6	107.1	99.8	92.4	85.9	79.9	74.6	69.0
50°	155.6	148.8	141.2	133.4	124.4	113.8	104.6	96.3	89.6	83.3	77.0
47.5°	191.7	181.0	169.2	158.7	145.8	132.2	120.1	108.4	100.7	92.3	85.3
45°	217.6	211.4	203.6	188.7	171.7	155.9	139.1	125.7	113.4	103.5	93.7
42.5°	235.5	231.0	224.7	215.0	202.4	183.0	163.5	145.8	129.8	116.1	103.6
40°	251.9	244.8	239.1	232.5	222.1	210.2	190.6	168.4	149.0	131.2	113.6
37.5°	271.1	260.9	253.3	245.3	237.1	226.6	214.1	194.2	169.5	147.1	125.9
35°	295.1	282.3	270.8	260.4	250.2	239.5	228.5	215.4	192.8	164.4	139.0
32.5°	325.5	309.5	293.7	279.5	263.7	250.9	239.6	227.9	212.8	184.0	154.7
30°	278.3	313.3	320.4	300.6	280.0	262.3	249.2	237.6	223.5	203.9	170.5
27.5°	270.5	268.5	307.2	322.8	297.4	275.8	259.5	246.0	233.4	216.2	188.6
25°	292.6	274.6	271.0	306.5	318.2	291.4	271.6	255.5	241.0	226.4	210.0
22.5°	335.8	299.3	275.8	271.0	315.0	311.5	286.3	265.5	249.7	240.5	224.9
20°	406.7	338.9	296.9	276.3	285.6	330.2	301.2	279.2	264.6	253.5	238.6
17.5°	477.7	401.4	328.9	287.1	277.2	308.8	319.0	295.6	277.5	266.8	252.3
15°	542.3	459.4	377.8	314.9	282.3	288.2	334.7	310.8	289.7	279.1	263.5
12.5°	583.9	510.6	422.4	339.7	291.4	280.8	325.7	324.3	302.5	286.3	270.8
10°	622.6	546.4	460.6	374.1	310.7	285.0	312.5	335.5	312.8	292.2	276.6
7.5°	669.6	568.1	488.9	400.4	323.5	286.7	302.2	345.6	322.2	298.1	281.2
5°	698.6	583.1	505.7	415.6	329.4	286.6	294.4	354.7	330.5	303.8	284.6
2.5°	716.7	591.4	514.0	423.8	331.0	285.1	291.0	363.0	338.7	307.0	285.5
0°	719.3	590.3	518.8	426.9	330.4	282.1	293.3	370.3	346.2	309.0	285.8
-2.5°	716.7	591.4	514.0	423.8	331.0	285.1	291.0	363.0	338.7	307.0	285.5
-5°	698.6	583.1	505.7	415.6	329.4	286.6	294.4	354.7	330.5	303.8	284.6
-7.5°	669.6	568.1	488.9	400.4	323.5	286.7	302.2	345.6	322.2	298.1	281.2
-10°	622.6	546.4	460.6	374.1	310.7	285.0	312.5	335.5	312.8	292.2	276.6
-12.5°	583.9	510.6	422.4	339.7	291.4	280.8	325.7	324.3	302.5	286.3	270.8
-15°	542.3	459.4	377.8	314.9	282.3	288.2	334.7	310.8	289.7	279.1	263.5
-17.5°	477.7	401.4	328.9	287.1	277.2	308.8	319.0	295.6	277.5	266.8	252.3
-20°	406.7	338.9	296.9	276.3	285.6	330.2	301.2	279.2	264.6	253.5	238.6



REPORT NUMBER: P558689 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-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°	335.8	299.3	275.8	271.0	315.0	311.5	286.3	265.5	249.7	240.5	224.9
-25°	292.6	274.6	271.0	306.5	318.2	291.4	271.6	255.5	241.0	226.4	210.0
-27.5°	270.5	268.5	307.2	322.8	297.4	275.8	259.5	246.0	233.4	216.2	188.6
-30°	278.3	313.3	320.4	300.6	280.0	262.3	249.2	237.6	223.5	203.9	170.5
-32.5°	325.5	309.5	293.7	279.5	263.7	250.9	239.6	227.9	212.8	184.0	154.7
-35°	295.1	282.3	270.8	260.4	250.2	239.5	228.5	215.4	192.8	164.4	139.0
-37.5°	271.1	260.9	253.3	245.3	237.1	226.6	214.1	194.2	169.5	147.1	125.9
-40°	251.9	244.8	239.1	232.5	222.1	210.2	190.6	168.4	149.0	131.2	113.6
-42.5°	235.5	231.0	224.7	215.0	202.4	183.0	163.5	145.8	129.8	116.1	103.6
-45°	217.6	211.4	203.6	188.7	171.7	155.9	139.1	125.7	113.4	103.5	93.7
-47.5°	191.7	181.0	169.2	158.7	145.8	132.2	120.1	108.4	100.7	92.3	85.3
-50°	155.6	148.8	141.2	133.4	124.4	113.8	104.6	96.3	89.6	83.3	77.0
-52.5°	127.5	122.7	118.0	112.6	107.1	99.8	92.4	85.9	79.9	74.6	69.0
-55°	106.2	101.8	99.3	96.5	93.4	87.9	82.1	76.4	71.1	66.3	60.3
-57.5°	89.6	85.2	84.3	83.0	81.4	77.5	72.7	67.8	61.8	56.4	51.2
-60°	77.2	72.1	71.9	71.4	70.6	68.0	62.9	57.4	51.5	47.7	43.9
-62.5°	67.1	60.6	60.6	60.0	59.1	56.9	52.1	47.8	43.9	40.5	37.8
-65°	57.8	49.9	48.4	48.1	47.2	45.7	42.1	39.4	37.6	35.9	32.6
-67.5°	50.2	41.0	37.6	37.1	36.7	35.8	34.3	32.9	31.8	30.5	27.4
-70°	41.9	33.3	29.3	29.0	28.5	27.9	27.1	26.3	25.4	23.9	20.8
-72.5°	31.4	25.5	22.2	22.0	21.5	21.0	20.4	19.3	17.6	15.4	13.4
-75°	21.5	18.2	15.9	15.7	15.3	14.8	14.0	12.8	11.5	10.1	8.9
-77.5°	13.7	11.9	10.4	10.2	9.9	9.5	8.9	7.9	7.1	6.3	5.7
-80°	7.5	6.7	6.0	5.9	5.6	5.4	5.0	4.4	3.9	3.6	3.4
-82.5°	3.4	3.3	3.2	3.1	3.0	2.9	2.7	2.6	2.4	2.3	2.1
-85°	1.8	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3
-87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6
-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: P558689 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-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°	0.6	0.6	0.5	0.5	0.6	0.7	0.8	0.8	0.7	0.6	0.6
85°	1.3	1.2	1.1	1.1	1.2	1.4	1.5	1.6	1.5	1.3	1.1
82.5°	1.9	1.8	1.7	1.6	1.6	1.7	1.8	1.9	1.9	1.9	1.7
80°	3.2	2.9	2.7	2.4	2.2	1.9	1.9	1.9	1.9	1.9	1.9
77.5°	5.2	4.5	3.8	3.4	3.1	2.8	2.4	2.1	1.9	1.9	1.9
75°	7.9	7.3	6.5	5.6	4.6	3.7	3.2	2.9	2.5	2.0	1.9
72.5°	12.2	11.0	9.7	8.1	6.8	5.6	4.4	3.6	3.3	2.7	2.1
70°	17.8	15.2	13.5	11.5	9.4	7.5	6.1	5.1	4.1	3.5	2.8
67.5°	24.2	20.7	17.7	14.9	12.5	10.1	7.9	6.6	5.6	4.3	3.6
65°	29.0	25.5	22.0	18.8	15.6	12.8	10.2	8.5	7.1	5.7	4.3
62.5°	34.1	29.8	26.0	22.5	19.0	15.7	12.7	10.9	8.8	7.1	5.4
60°	39.8	35.5	30.3	26.2	22.3	18.5	15.5	13.4	11.1	8.6	6.7
57.5°	46.8	41.8	35.8	30.2	25.7	21.5	18.6	16.2	13.4	10.6	8.0
55°	54.2	48.4	41.3	34.9	29.3	24.5	21.9	19.2	15.9	12.7	9.4
52.5°	62.7	55.0	47.0	39.5	33.1	28.1	25.7	22.3	18.8	14.9	11.5
50°	70.6	61.9	52.8	44.5	36.8	32.7	29.7	26.0	21.7	17.2	13.7
47.5°	77.2	68.1	58.9	49.5	41.1	37.7	34.4	29.9	24.7	19.9	16.0
45°	83.9	73.9	64.4	54.8	47.0	43.3	39.4	34.0	28.4	23.1	18.4
42.5°	90.6	79.8	69.4	59.7	53.7	49.0	44.7	38.8	32.1	26.4	21.1
40°	99.1	85.9	74.3	65.7	60.2	54.7	49.9	43.8	36.1	30.1	24.1
37.5°	107.3	92.7	79.7	72.1	66.5	60.5	55.0	49.1	41.1	34.2	27.2
35°	117.9	100.0	87.3	78.8	72.2	66.1	59.9	54.1	46.8	38.4	30.3
32.5°	128.2	109.1	96.1	85.6	77.6	71.4	64.8	60.5	52.8	42.6	33.4
30°	141.9	121.2	104.6	92.0	82.9	76.2	70.9	67.7	58.9	46.9	36.7
27.5°	158.9	133.1	113.4	99.2	88.6	81.0	79.0	75.6	65.3	51.5	40.2
25°	176.2	147.2	124.0	106.4	93.8	89.0	87.1	84.1	71.8	56.7	43.6
22.5°	195.2	161.6	134.2	113.2	102.8	96.8	94.7	91.4	78.8	61.9	47.0
20°	213.7	175.2	144.7	124.6	112.5	105.1	101.9	98.5	86.0	67.1	50.4
17.5°	230.6	190.4	159.5	137.0	122.4	113.2	108.8	105.5	93.5	72.2	53.6
15°	241.8	206.8	173.2	148.6	131.8	121.2	115.5	112.4	101.0	77.2	55.9
12.5°	251.3	221.1	185.6	159.4	140.9	128.9	122.0	119.1	108.5	80.4	57.1
10°	259.2	233.4	196.7	169.4	149.5	136.4	128.3	123.8	111.4	82.0	58.1
7.5°	265.8	243.8	206.6	178.6	156.5	140.2	129.3	124.7	113.2	83.2	59.0
5°	270.3	249.9	211.2	181.0	157.0	139.9	129.3	125.4	114.4	84.0	59.7
2.5°	271.0	250.5	212.4	181.8	157.2	139.2	129.2	125.9	115.0	84.5	60.1
0°	271.0	249.7	212.5	181.9	156.8	138.3	129.0	126.2	115.1	84.5	60.3
-2.5°	271.0	250.5	212.4	181.8	157.2	139.2	129.2	125.9	115.0	84.5	60.1
-5°	270.3	249.9	211.2	181.0	157.0	139.9	129.3	125.4	114.4	84.0	59.7
-7.5°	265.8	243.8	206.6	178.6	156.5	140.2	129.3	124.7	113.2	83.2	59.0
-10°	259.2	233.4	196.7	169.4	149.5	136.4	128.3	123.8	111.4	82.0	58.1
-12.5°	251.3	221.1	185.6	159.4	140.9	128.9	122.0	119.1	108.5	80.4	57.1
-15°	241.8	206.8	173.2	148.6	131.8	121.2	115.5	112.4	101.0	77.2	55.9
-17.5°	230.6	190.4	159.5	137.0	122.4	113.2	108.8	105.5	93.5	72.2	53.6
-20°	213.7	175.2	144.7	124.6	112.5	105.1	101.9	98.5	86.0	67.1	50.4



REPORT NUMBER: P558689 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-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°	195.2	161.6	134.2	113.2	102.8	96.8	94.7	91.4	78.8	61.9	47.0
-25°	176.2	147.2	124.0	106.4	93.8	89.0	87.1	84.1	71.8	56.7	43.6
-27.5°	158.9	133.1	113.4	99.2	88.6	81.0	79.0	75.6	65.3	51.5	40.2
-30°	141.9	121.2	104.6	92.0	82.9	76.2	70.9	67.7	58.9	46.9	36.7
-32.5°	128.2	109.1	96.1	85.6	77.6	71.4	64.8	60.5	52.8	42.6	33.4
-35°	117.9	100.0	87.3	78.8	72.2	66.1	59.9	54.1	46.8	38.4	30.3
-37.5°	107.3	92.7	79.7	72.1	66.5	60.5	55.0	49.1	41.1	34.2	27.2
-40°	99.1	85.9	74.3	65.7	60.2	54.7	49.9	43.8	36.1	30.1	24.1
-42.5°	90.6	79.8	69.4	59.7	53.7	49.0	44.7	38.8	32.1	26.4	21.1
-45°	83.9	73.9	64.4	54.8	47.0	43.3	39.4	34.0	28.4	23.1	18.4
-47.5°	77.2	68.1	58.9	49.5	41.1	37.7	34.4	29.9	24.7	19.9	16.0
-50°	70.6	61.9	52.8	44.5	36.8	32.7	29.7	26.0	21.7	17.2	13.7
-52.5°	62.7	55.0	47.0	39.5	33.1	28.1	25.7	22.3	18.8	14.9	11.5
-55°	54.2	48.4	41.3	34.9	29.3	24.5	21.9	19.2	15.9	12.7	9.4
-57.5°	46.8	41.8	35.8	30.2	25.7	21.5	18.6	16.2	13.4	10.6	8.0
-60°	39.8	35.5	30.3	26.2	22.3	18.5	15.5	13.4	11.1	8.6	6.7
-62.5°	34.1	29.8	26.0	22.5	19.0	15.7	12.7	10.9	8.8	7.1	5.4
-65°	29.0	25.5	22.0	18.8	15.6	12.8	10.2	8.5	7.1	5.7	4.3
-67.5°	24.2	20.7	17.7	14.9	12.5	10.1	7.9	6.6	5.6	4.3	3.6
-70°	17.8	15.2	13.5	11.5	9.4	7.5	6.1	5.1	4.1	3.5	2.8
-72.5°	12.2	11.0	9.7	8.1	6.8	5.6	4.4	3.6	3.3	2.7	2.1
-75°	7.9	7.3	6.5	5.6	4.6	3.7	3.2	2.9	2.5	2.0	1.9
-77.5°	5.2	4.5	3.8	3.4	3.1	2.8	2.4	2.1	1.9	1.9	1.9
-80°	3.2	2.9	2.7	2.4	2.2	1.9	1.9	1.9	1.9	1.9	1.9
-82.5°	1.9	1.8	1.7	1.6	1.6	1.7	1.8	1.9	1.9	1.9	1.7
-85°	1.3	1.2	1.1	1.1	1.2	1.4	1.5	1.6	1.5	1.3	1.1
-87.5°	0.6	0.6	0.5	0.5	0.6	0.7	0.8	0.8	0.7	0.6	0.6
-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°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
85°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
82.5°	1.5	1.2	1.0	0.7	0.5	0.2	0.0
80°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
77.5°	1.9	1.9	1.6	1.2	0.8	0.4	0.0
75°	1.9	1.9	1.9	1.5	1.0	0.5	0.0
72.5°	1.9	1.9	1.9	1.7	1.1	0.6	0.0
70°	2.0	1.9	1.9	1.9	1.3	0.6	0.0
67.5°	2.7	1.9	1.9	1.9	1.5	0.7	0.0
65°	3.4	2.2	1.9	1.9	1.6	0.8	0.0
62.5°	4.0	2.8	1.9	1.9	1.8	0.9	0.0
60°	4.7	3.4	1.9	1.9	1.9	0.9	0.0
57.5°	5.9	4.0	2.4	1.9	1.9	1.0	0.0
55°	7.2	4.6	2.9	1.9	1.9	1.1	0.0
52.5°	8.5	5.3	3.4	1.9	1.9	1.2	0.0
50°	9.9	6.5	3.8	1.9	2.0	1.2	0.0
47.5°	11.3	7.6	4.3	2.0	2.0	1.3	0.0
45°	13.4	8.8	4.8	2.3	2.0	1.3	0.0
42.5°	15.5	10.0	5.2	2.7	2.0	1.4	0.0
40°	17.6	11.2	5.9	3.0	2.1	1.5	0.0
37.5°	19.8	12.3	6.8	3.3	2.1	1.5	0.0
35°	22.0	13.9	7.7	3.6	2.1	1.6	0.0
32.5°	24.2	15.6	8.6	3.8	2.2	1.6	0.0
30°	26.8	17.2	9.4	4.0	2.2	1.6	0.0
27.5°	29.3	18.9	9.9	4.2	2.3	1.7	0.0
25°	31.7	20.5	10.4	4.4	2.3	1.7	0.0
22.5°	34.2	21.7	10.7	4.5	2.4	1.8	0.0
20°	36.5	22.2	10.9	4.6	2.4	1.8	0.0
17.5°	37.8	22.5	11.1	4.7	2.5	1.8	0.0
15°	38.2	22.6	11.2	4.7	2.5	1.8	0.0
12.5°	38.5	22.6	11.2	4.8	2.6	1.9	0.0
10°	38.6	22.4	11.1	4.8	2.6	1.9	0.0
7.5°	38.5	22.1	11.0	4.7	2.7	1.9	0.0
5°	38.2	21.6	10.8	4.7	2.7	1.9	0.0
2.5°	37.8	21.1	10.5	4.7	2.8	1.9	0.0
0°	37.1	20.4	10.2	4.6	2.8	1.9	0.0
-2.5°	37.8	21.1	10.5	4.7	2.8	1.9	0.0
-5°	38.2	21.6	10.8	4.7	2.7	1.9	0.0
-7.5°	38.5	22.1	11.0	4.7	2.7	1.9	0.0
-10°	38.6	22.4	11.1	4.8	2.6	1.9	0.0
-12.5°	38.5	22.6	11.2	4.8	2.6	1.9	0.0
-15°	38.2	22.6	11.2	4.7	2.5	1.8	0.0
-17.5°	37.8	22.5	11.1	4.7	2.5	1.8	0.0
-20°	36.5	22.2	10.9	4.6	2.4	1.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	34.2	21.7	10.7	4.5	2.4	1.8	0.0
-25°	31.7	20.5	10.4	4.4	2.3	1.7	0.0
-27.5°	29.3	18.9	9.9	4.2	2.3	1.7	0.0
-30°	26.8	17.2	9.4	4.0	2.2	1.6	0.0
-32.5°	24.2	15.6	8.6	3.8	2.2	1.6	0.0
-35°	22.0	13.9	7.7	3.6	2.1	1.6	0.0
-37.5°	19.8	12.3	6.8	3.3	2.1	1.5	0.0
-40°	17.6	11.2	5.9	3.0	2.1	1.5	0.0
-42.5°	15.5	10.0	5.2	2.7	2.0	1.4	0.0
-45°	13.4	8.8	4.8	2.3	2.0	1.3	0.0
-47.5°	11.3	7.6	4.3	2.0	2.0	1.3	0.0
-50°	9.9	6.5	3.8	1.9	2.0	1.2	0.0
-52.5°	8.5	5.3	3.4	1.9	1.9	1.2	0.0
-55°	7.2	4.6	2.9	1.9	1.9	1.1	0.0
-57.5°	5.9	4.0	2.4	1.9	1.9	1.0	0.0
-60°	4.7	3.4	1.9	1.9	1.9	0.9	0.0
-62.5°	4.0	2.8	1.9	1.9	1.8	0.9	0.0
-65°	3.4	2.2	1.9	1.9	1.6	0.8	0.0
-67.5°	2.7	1.9	1.9	1.9	1.5	0.7	0.0
-70°	2.0	1.9	1.9	1.9	1.3	0.6	0.0
-72.5°	1.9	1.9	1.9	1.7	1.1	0.6	0.0
-75°	1.9	1.9	1.9	1.5	1.0	0.5	0.0
-77.5°	1.9	1.9	1.6	1.2	0.8	0.4	0.0
-80°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
-82.5°	1.5	1.2	1.0	0.7	0.5	0.2	0.0
-85°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
-87.5°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)