

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: P558541 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-935-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558541 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1C-935-U-MWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (16) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

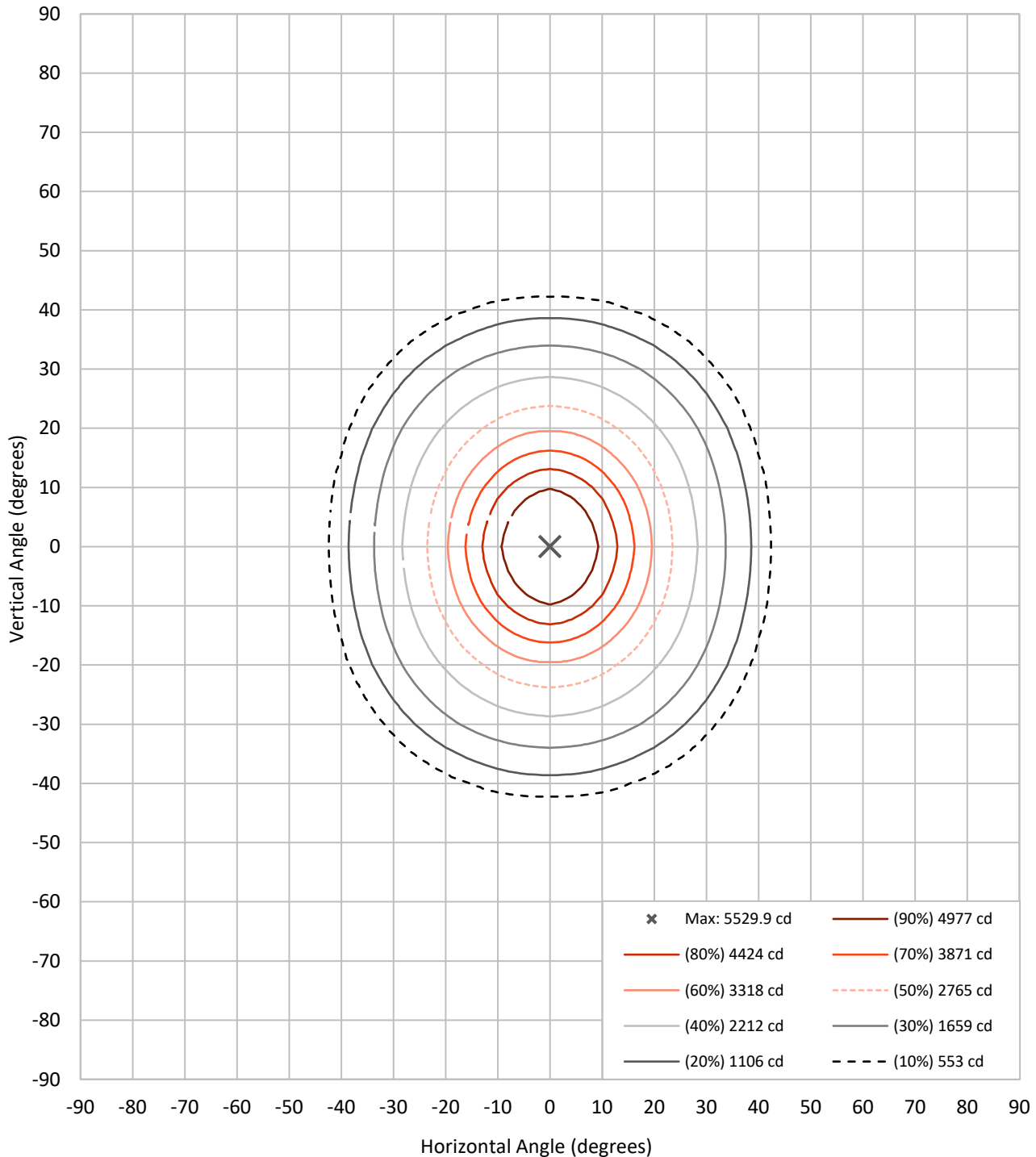
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	4304.7 lumens	Max Intensity:	5529.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	97.8 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	2031.3 lumens	Field Lumens:	3908.7 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 44
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: P558541 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





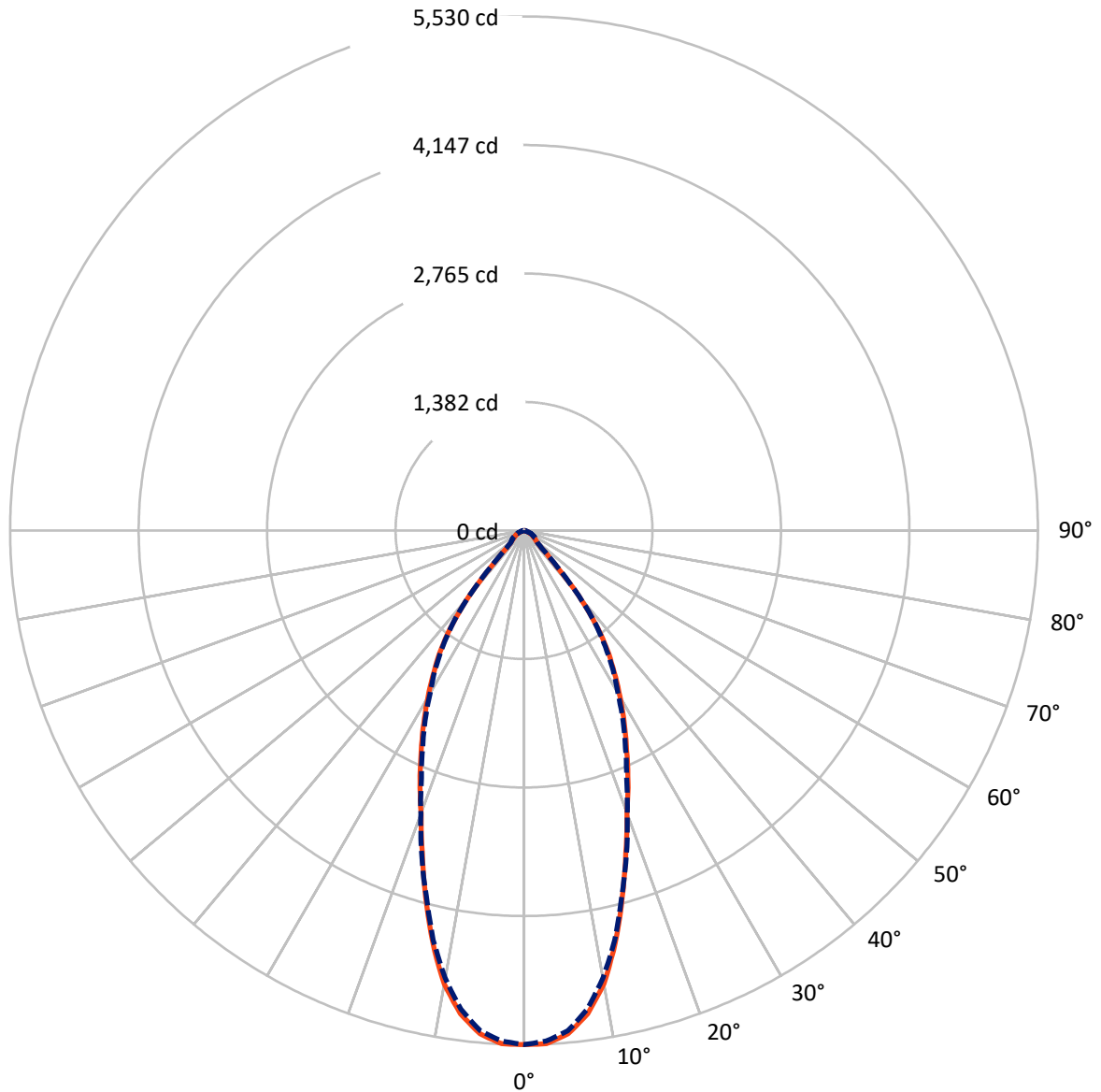
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Lumen Table

90																			
80	0.1	0.5		1.2		1.9		1.5		1.9		1.2		0.5		0.1			
70																			
60	0.3	0.3	0.6	1.0	1.4	1.7	2.0	2.1	2.1	2.0	1.7	1.4	1.0	0.6	0.3	0.3			
50		0.5	1.0	1.7	2.5	3.1	3.5	3.9	3.9	3.5	3.1	2.5	1.7	1.0	0.5				
40	0.5	0.7	1.4	2.4	3.5	4.8	7.6	10.7	10.7	7.6	4.8	3.5	2.4	1.4	0.7	0.5			
30		0.8	1.8	3.0	5.7	18.1	35.3	45.0	45.0	35.3	18.1	5.7	3.0	1.8	0.8				
20	0.5	1.0	2.1	3.8	16.6	43.3	64.0	77.4	77.4	64.0	43.3	16.6	3.8	2.1	1.0	0.5			
10		1.1	2.3	5.8	30.2	59.8	90.9	118.3	118.3	90.9	59.8	30.2	5.8	2.3	1.1				
0	0.5	1.2	2.5	8.0	36.7	69.8	114.3	154.6	154.6	114.3	69.8	36.7	8.0	2.5	1.2	0.5			
-10		1.2	2.5	8.0	36.7	69.8	114.3	154.6	154.6	114.3	69.8	36.7	8.0	2.5	1.2				
-20	0.5	1.1	2.3	5.8	30.2	59.8	90.9	118.3	118.3	90.9	59.8	30.2	5.8	2.3	1.1	0.5			
-30		1.0	2.1	3.8	16.6	43.3	64.0	77.4	77.4	64.0	43.3	16.6	3.8	2.1	1.0				
-40	0.5	0.8	1.8	3.0	5.7	18.1	35.3	45.0	45.0	35.3	18.1	5.7	3.0	1.8	0.8	0.5			
-50		0.7	1.4	2.4	3.5	4.8	7.6	10.7	10.7	7.6	4.8	3.5	2.4	1.4	0.7				
-60	0.3	0.5	1.0	1.7	2.5	3.1	3.5	3.9	3.9	3.5	3.1	2.5	1.7	1.0	0.5	0.3			
-70		0.3	0.6	1.0	1.4	1.7	2.0	2.1	2.1	2.0	1.7	1.4	1.0	0.6	0.3				
-80																			
-90	0.1	0.5		1.2		1.9		1.5		1.9		1.2		0.5		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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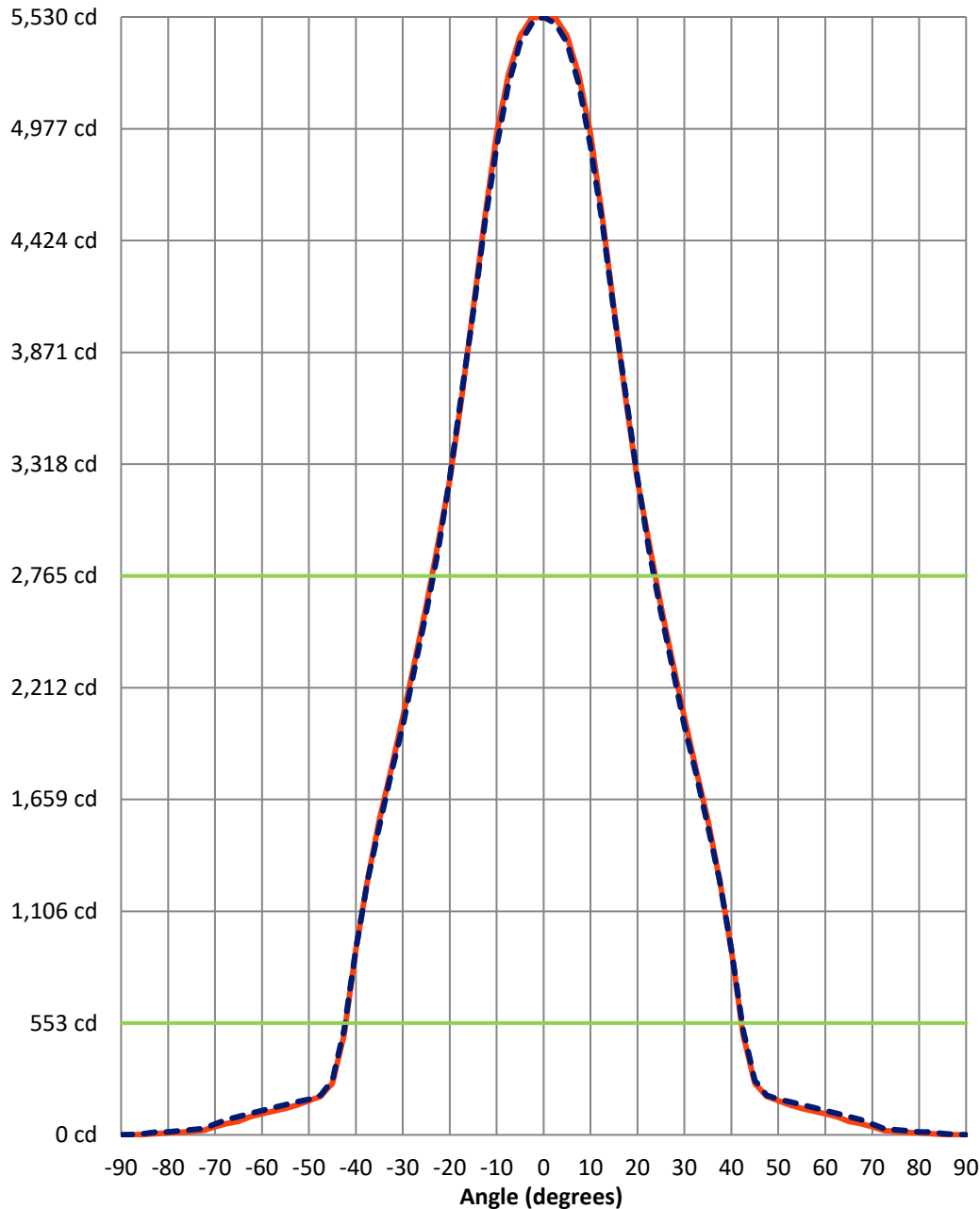
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 47°
V Angle: 47.6°
Lumens: 2031.3
Efficiency: 47.2%

Field:
H Angle: 84.6°
V Angle: 84.3°
Lumens: 3908.7
Efficiency: 90.8%

Spill:
Lumens: 396
Efficiency: 9.2%

— 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	0.3	0.4	0.6	0.8	0.8	0.9	1.0	1.1
85°	0.0	0.2	0.4	0.6	0.9	1.2	1.5	1.7	1.8	2.0	2.1
82.5°	0.0	0.3	0.5	0.9	1.3	1.7	2.2	2.5	2.8	3.4	3.8
80°	0.0	0.4	0.7	1.2	1.7	2.3	3.1	4.1	4.9	5.5	6.0
77.5°	0.0	0.5	0.9	1.5	2.1	3.2	4.9	6.1	7.0	7.7	8.3
75°	0.0	0.5	1.1	1.8	2.7	4.5	6.6	8.1	9.2	10.3	11.1
72.5°	0.0	0.6	1.3	2.0	3.6	5.8	8.3	10.2	11.8	13.1	14.0
70°	0.0	0.7	1.4	2.4	4.6	7.1	10.0	12.7	14.4	15.9	18.2
67.5°	0.0	0.8	1.6	3.0	5.5	8.4	12.0	15.1	17.1	19.5	22.5
65°	0.0	0.9	1.8	3.7	6.4	9.7	13.9	17.6	19.9	22.9	26.5
62.5°	0.0	1.0	1.9	4.3	7.3	11.1	15.7	19.8	22.6	26.2	30.3
60°	0.0	1.0	2.1	4.9	8.1	12.4	17.4	21.8	25.1	29.6	34.0
57.5°	0.0	1.1	2.5	5.4	9.1	13.7	18.5	23.6	28.0	32.9	37.2
55°	0.0	1.2	2.8	6.0	10.0	14.9	19.5	24.9	30.9	36.0	40.2
52.5°	0.0	1.3	3.2	6.5	10.8	15.9	20.3	26.7	33.7	38.6	43.1
50°	0.0	1.3	3.5	6.9	11.6	16.4	21.0	28.4	36.3	41.2	46.3
47.5°	0.0	1.4	3.8	7.4	12.3	16.8	21.7	29.9	38.6	43.7	49.4
45°	0.0	1.5	4.1	7.9	13.0	17.1	22.7	31.2	39.7	46.4	52.4
42.5°	0.0	1.5	4.4	8.3	13.6	17.3	23.6	32.0	40.6	49.0	55.5
40°	0.0	1.6	4.7	8.8	13.9	17.4	24.3	32.6	41.3	51.3	58.5
37.5°	0.0	1.7	4.9	9.3	13.9	17.4	24.9	33.0	42.2	52.4	61.4
35°	0.0	1.7	5.2	9.8	13.9	17.6	25.3	33.3	42.9	54.1	64.2
32.5°	0.0	1.8	5.4	10.2	13.8	17.9	25.5	33.3	43.5	56.1	66.7
30°	0.0	1.8	5.6	10.7	13.7	18.0	25.5	33.3	43.9	58.5	69.1
27.5°	0.0	1.9	5.8	11.1	13.8	18.1	25.3	33.5	44.8	61.2	71.6
25°	0.0	1.9	5.9	11.5	14.0	18.0	25.0	33.6	46.6	63.4	73.9
22.5°	0.0	1.9	6.1	11.9	14.1	18.1	24.6	33.6	48.5	65.3	76.9
20°	0.0	2.0	6.2	12.3	14.2	18.5	24.1	33.4	50.4	67.0	79.5
17.5°	0.0	2.0	6.3	12.6	14.3	18.9	24.1	33.1	52.3	68.6	81.9
15°	0.0	2.0	6.4	12.9	14.4	19.3	24.5	33.0	54.1	70.0	83.9
12.5°	0.0	2.1	6.5	13.2	14.4	19.6	24.8	33.1	55.3	71.3	85.7
10°	0.0	2.1	6.5	13.5	14.4	19.9	25.0	33.1	55.8	72.4	87.3
7.5°	0.0	2.1	6.6	13.7	14.5	20.0	25.2	32.8	55.9	73.4	88.5
5°	0.0	2.1	6.6	13.9	14.5	20.2	25.3	32.4	55.5	74.4	89.5
2.5°	0.0	2.1	6.6	14.0	14.5	20.3	25.3	31.8	54.8	75.1	90.2
0°	0.0	2.1	6.6	14.1	14.5	20.3	25.3	31.1	53.6	75.6	90.5
-2.5°	0.0	2.1	6.6	14.0	14.5	20.3	25.3	31.8	54.8	75.1	90.2
-5°	0.0	2.1	6.6	13.9	14.5	20.2	25.3	32.4	55.5	74.4	89.5
-7.5°	0.0	2.1	6.6	13.7	14.5	20.0	25.2	32.8	55.9	73.4	88.5
-10°	0.0	2.1	6.5	13.5	14.4	19.9	25.0	33.1	55.8	72.4	87.3
-12.5°	0.0	2.1	6.5	13.2	14.4	19.6	24.8	33.1	55.3	71.3	85.7
-15°	0.0	2.0	6.4	12.9	14.4	19.3	24.5	33.0	54.1	70.0	83.9
-17.5°	0.0	2.0	6.3	12.6	14.3	18.9	24.1	33.1	52.3	68.6	81.9
-20°	0.0	2.0	6.2	12.3	14.2	18.5	24.1	33.4	50.4	67.0	79.5



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 CATALOG NUMBER: GFLD-SA1C-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.9	6.1	11.9	14.1	18.1	24.6	33.6	48.5	65.3	76.9
-25°	0.0	1.9	5.9	11.5	14.0	18.0	25.0	33.6	46.6	63.4	73.9
-27.5°	0.0	1.9	5.8	11.1	13.8	18.1	25.3	33.5	44.8	61.2	71.6
-30°	0.0	1.8	5.6	10.7	13.7	18.0	25.5	33.3	43.9	58.5	69.1
-32.5°	0.0	1.8	5.4	10.2	13.8	17.9	25.5	33.3	43.5	56.1	66.7
-35°	0.0	1.7	5.2	9.8	13.9	17.6	25.3	33.3	42.9	54.1	64.2
-37.5°	0.0	1.7	4.9	9.3	13.9	17.4	24.9	33.0	42.2	52.4	61.4
-40°	0.0	1.6	4.7	8.8	13.9	17.4	24.3	32.6	41.3	51.3	58.5
-42.5°	0.0	1.5	4.4	8.3	13.6	17.3	23.6	32.0	40.6	49.0	55.5
-45°	0.0	1.5	4.1	7.9	13.0	17.1	22.7	31.2	39.7	46.4	52.4
-47.5°	0.0	1.4	3.8	7.4	12.3	16.8	21.7	29.9	38.6	43.7	49.4
-50°	0.0	1.3	3.5	6.9	11.6	16.4	21.0	28.4	36.3	41.2	46.3
-52.5°	0.0	1.3	3.2	6.5	10.8	15.9	20.3	26.7	33.7	38.6	43.1
-55°	0.0	1.2	2.8	6.0	10.0	14.9	19.5	24.9	30.9	36.0	40.2
-57.5°	0.0	1.1	2.5	5.4	9.1	13.7	18.5	23.6	28.0	32.9	37.2
-60°	0.0	1.0	2.1	4.9	8.1	12.4	17.4	21.8	25.1	29.6	34.0
-62.5°	0.0	1.0	1.9	4.3	7.3	11.1	15.7	19.8	22.6	26.2	30.3
-65°	0.0	0.9	1.8	3.7	6.4	9.7	13.9	17.6	19.9	22.9	26.5
-67.5°	0.0	0.8	1.6	3.0	5.5	8.4	12.0	15.1	17.1	19.5	22.5
-70°	0.0	0.7	1.4	2.4	4.6	7.1	10.0	12.7	14.4	15.9	18.2
-72.5°	0.0	0.6	1.3	2.0	3.6	5.8	8.3	10.2	11.8	13.1	14.0
-75°	0.0	0.5	1.1	1.8	2.7	4.5	6.6	8.1	9.2	10.3	11.1
-77.5°	0.0	0.5	0.9	1.5	2.1	3.2	4.9	6.1	7.0	7.7	8.3
-80°	0.0	0.4	0.7	1.2	1.7	2.3	3.1	4.1	4.9	5.5	6.0
-82.5°	0.0	0.3	0.5	0.9	1.3	1.7	2.2	2.5	2.8	3.4	3.8
-85°	0.0	0.2	0.4	0.6	0.9	1.2	1.5	1.7	1.8	2.0	2.1
-87.5°	0.0	0.1	0.2	0.3	0.4	0.6	0.8	0.8	0.9	1.0	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



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 CATALOG NUMBER: GFLD-SA1C-935-U-MWR-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°	1.1	1.1	1.0	1.0	0.9	0.8	0.7	0.6	0.6	0.6	0.6
85°	2.1	2.1	2.3	2.4	2.5	2.4	2.4	2.2	2.5	2.9	3.3
82.5°	4.2	4.6	4.9	5.2	5.2	5.1	5.0	4.8	5.5	6.4	7.3
80°	6.5	7.0	7.8	8.7	8.9	8.8	8.6	8.1	9.1	10.6	12.2
77.5°	9.3	10.4	11.5	12.7	13.0	12.7	12.2	11.4	12.6	15.0	17.6
75°	12.3	13.8	15.6	17.0	17.3	16.8	16.0	15.2	16.8	19.7	22.6
72.5°	16.1	18.4	20.2	21.5	21.6	21.1	20.7	20.3	22.0	25.6	28.5
70°	20.9	23.3	24.7	25.4	25.6	25.9	27.1	28.2	29.9	32.9	35.3
67.5°	25.7	27.6	28.8	29.7	31.5	33.2	34.8	36.5	38.5	41.0	42.8
65°	30.0	31.9	33.5	35.7	38.3	40.3	42.5	44.9	47.5	49.9	51.7
62.5°	34.2	36.2	38.5	41.4	44.4	47.2	50.4	53.6	56.8	59.5	62.5
60°	37.7	40.4	43.5	46.9	50.5	54.7	58.6	62.3	65.8	69.2	73.4
57.5°	40.9	44.6	48.4	52.5	57.3	62.4	66.9	71.0	75.4	80.3	84.5
55°	44.4	49.0	53.4	58.3	64.0	70.2	75.1	79.8	85.2	91.1	95.7
52.5°	48.1	53.2	58.3	64.3	71.2	77.3	82.5	88.3	94.8	101.2	106.6
50°	51.7	57.4	63.3	70.9	77.7	83.5	89.9	97.0	103.8	110.4	116.7
47.5°	55.3	61.4	69.3	77.0	83.4	90.2	97.7	105.0	112.1	119.0	125.6
45°	58.9	66.1	74.9	82.2	89.3	97.2	104.9	112.5	120.0	127.4	134.6
42.5°	62.4	70.7	79.6	87.2	95.4	103.6	111.7	119.8	127.7	135.5	143.2
40°	66.1	75.0	84.2	92.6	101.1	109.7	118.2	126.7	135.1	143.4	151.6
37.5°	69.6	79.3	88.9	97.7	106.5	115.5	124.4	133.4	142.2	150.9	160.2
35°	72.7	83.7	93.4	102.7	111.9	120.9	130.4	139.9	149.2	158.5	170.4
32.5°	76.2	88.1	97.7	107.4	116.9	126.3	136.1	146.1	156.0	167.0	184.1
30°	80.1	91.8	101.7	112.0	121.7	131.5	141.7	152.2	162.6	179.6	219.0
27.5°	83.9	95.2	105.7	116.1	126.1	136.4	147.0	157.8	172.4	198.6	262.5
25°	87.4	98.5	109.4	119.9	130.2	140.9	151.9	163.1	182.9	235.8	376.9
22.5°	90.4	101.7	112.9	123.4	134.0	145.0	156.4	171.4	201.8	273.3	504.3
20°	93.0	104.7	116.2	127.1	137.5	148.6	160.6	179.2	230.6	380.5	656.9
17.5°	95.4	107.5	119.2	130.6	141.5	152.4	164.7	185.9	256.5	473.7	810.4
15°	97.5	109.9	122.0	133.8	145.2	156.5	171.1	205.0	308.9	566.1	947.1
12.5°	99.5	112.1	124.5	136.9	148.5	160.2	177.0	224.1	373.1	674.7	1040.3
10°	101.2	113.9	126.8	139.6	151.4	163.4	181.9	239.7	425.8	763.9	1115.3
7.5°	102.8	115.7	128.9	142.1	153.9	166.2	185.9	252.0	466.6	831.1	1175.2
5°	104.1	117.4	131.4	144.7	157.0	169.2	189.4	260.7	495.2	876.4	1218.8
2.5°	105.2	118.9	133.5	147.1	160.5	172.8	193.3	267.2	513.7	905.3	1246.6
0°	105.9	120.0	135.3	149.0	163.6	176.0	196.4	270.3	520.6	915.8	1257.1
-2.5°	105.2	118.9	133.5	147.1	160.5	172.8	193.3	267.2	513.7	905.3	1246.6
-5°	104.1	117.4	131.4	144.7	157.0	169.2	189.4	260.7	495.2	876.4	1218.8
-7.5°	102.8	115.7	128.9	142.1	153.9	166.2	185.9	252.0	466.6	831.1	1175.2
-10°	101.2	113.9	126.8	139.6	151.4	163.4	181.9	239.7	425.8	763.9	1115.3
-12.5°	99.5	112.1	124.5	136.9	148.5	160.2	177.0	224.1	373.1	674.7	1040.3
-15°	97.5	109.9	122.0	133.8	145.2	156.5	171.1	205.0	308.9	566.1	947.1
-17.5°	95.4	107.5	119.2	130.6	141.5	152.4	164.7	185.9	256.5	473.7	810.4
-20°	93.0	104.7	116.2	127.1	137.5	148.6	160.6	179.2	230.6	380.5	656.9



REPORT NUMBER: P558541 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	90.4	101.7	112.9	123.4	134.0	145.0	156.4	171.4	201.8	273.3	504.3
-25°	87.4	98.5	109.4	119.9	130.2	140.9	151.9	163.1	182.9	235.8	376.9
-27.5°	83.9	95.2	105.7	116.1	126.1	136.4	147.0	157.8	172.4	198.6	262.5
-30°	80.1	91.8	101.7	112.0	121.7	131.5	141.7	152.2	162.6	179.6	219.0
-32.5°	76.2	88.1	97.7	107.4	116.9	126.3	136.1	146.1	156.0	167.0	184.1
-35°	72.7	83.7	93.4	102.7	111.9	120.9	130.4	139.9	149.2	158.5	170.4
-37.5°	69.6	79.3	88.9	97.7	106.5	115.5	124.4	133.4	142.2	150.9	160.2
-40°	66.1	75.0	84.2	92.6	101.1	109.7	118.2	126.7	135.1	143.4	151.6
-42.5°	62.4	70.7	79.6	87.2	95.4	103.6	111.7	119.8	127.7	135.5	143.2
-45°	58.9	66.1	74.9	82.2	89.3	97.2	104.9	112.5	120.0	127.4	134.6
-47.5°	55.3	61.4	69.3	77.0	83.4	90.2	97.7	105.0	112.1	119.0	125.6
-50°	51.7	57.4	63.3	70.9	77.7	83.5	89.9	97.0	103.8	110.4	116.7
-52.5°	48.1	53.2	58.3	64.3	71.2	77.3	82.5	88.3	94.8	101.2	106.6
-55°	44.4	49.0	53.4	58.3	64.0	70.2	75.1	79.8	85.2	91.1	95.7
-57.5°	40.9	44.6	48.4	52.5	57.3	62.4	66.9	71.0	75.4	80.3	84.5
-60°	37.7	40.4	43.5	46.9	50.5	54.7	58.6	62.3	65.8	69.2	73.4
-62.5°	34.2	36.2	38.5	41.4	44.4	47.2	50.4	53.6	56.8	59.5	62.5
-65°	30.0	31.9	33.5	35.7	38.3	40.3	42.5	44.9	47.5	49.9	51.7
-67.5°	25.7	27.6	28.8	29.7	31.5	33.2	34.8	36.5	38.5	41.0	42.8
-70°	20.9	23.3	24.7	25.4	25.6	25.9	27.1	28.2	29.9	32.9	35.3
-72.5°	16.1	18.4	20.2	21.5	21.6	21.1	20.7	20.3	22.0	25.6	28.5
-75°	12.3	13.8	15.6	17.0	17.3	16.8	16.0	15.2	16.8	19.7	22.6
-77.5°	9.3	10.4	11.5	12.7	13.0	12.7	12.2	11.4	12.6	15.0	17.6
-80°	6.5	7.0	7.8	8.7	8.9	8.8	8.6	8.1	9.1	10.6	12.2
-82.5°	4.2	4.6	4.9	5.2	5.2	5.1	5.0	4.8	5.5	6.4	7.3
-85°	2.1	2.1	2.3	2.4	2.5	2.4	2.4	2.2	2.5	2.9	3.3
-87.5°	1.1	1.1	1.0	1.0	0.9	0.8	0.7	0.6	0.6	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



REPORT NUMBER: P558541 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-MWR-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	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.7	0.6
85°	3.7	3.6	3.4	3.2	2.8	3.0	3.2	3.3	3.5	3.3	3.0
82.5°	8.4	8.5	8.5	8.5	8.4	8.8	9.1	9.4	9.7	9.0	8.1
80°	14.1	14.8	15.2	15.5	15.9	15.9	15.7	15.3	14.8	13.5	12.1
77.5°	20.4	21.4	22.0	22.5	23.1	23.3	23.4	23.5	23.6	21.5	18.7
75°	25.3	26.9	27.8	28.6	29.4	29.9	30.1	30.3	30.4	27.7	24.3
72.5°	30.8	32.4	33.5	34.5	35.5	36.2	36.5	36.8	37.0	34.7	31.4
70°	37.0	38.2	39.5	40.8	42.0	42.8	43.4	43.8	44.1	43.9	43.7
67.5°	44.2	45.3	46.9	48.1	49.4	50.3	51.2	51.9	52.5	53.1	53.8
65°	53.3	55.8	58.2	59.4	59.6	60.9	63.0	64.3	65.0	65.5	66.2
62.5°	65.9	69.0	70.7	72.7	75.3	77.7	78.6	79.8	81.2	83.0	85.1
60°	76.8	79.4	82.0	84.8	87.1	89.0	91.2	93.3	95.3	97.1	98.8
57.5°	87.9	90.7	93.4	96.6	98.9	100.2	102.3	104.8	106.8	108.3	110.6
55°	99.3	103.0	106.6	109.6	111.7	113.1	114.7	117.1	118.6	119.1	121.8
52.5°	110.9	115.2	119.7	123.1	125.4	127.5	129.5	131.6	133.1	133.8	136.4
50°	121.6	126.7	131.8	136.2	139.2	142.7	146.6	148.5	149.8	151.2	154.1
47.5°	131.8	137.5	142.9	147.9	152.2	156.1	159.5	162.8	167.6	171.5	175.2
45°	141.6	147.7	153.5	159.1	163.9	171.6	178.9	185.1	201.7	215.6	226.2
42.5°	150.8	158.2	164.7	174.1	184.3	201.9	229.2	254.5	303.4	366.3	418.8
40°	160.4	169.9	181.8	200.0	234.5	270.0	375.9	470.3	563.1	668.7	759.2
37.5°	171.6	186.0	220.7	261.9	372.4	494.6	644.8	792.2	920.5	1030.3	1122.0
35°	186.4	231.0	295.9	445.8	609.1	809.6	982.6	1121.2	1248.0	1349.8	1426.4
32.5°	230.2	311.8	483.0	689.3	913.9	1107.6	1276.1	1408.8	1524.5	1615.6	1686.7
30°	294.2	481.7	714.3	961.4	1185.1	1370.0	1525.8	1652.2	1755.5	1848.3	1926.2
27.5°	446.4	687.7	961.0	1213.1	1416.6	1589.7	1729.4	1854.7	1968.5	2066.2	2158.3
25°	612.9	911.6	1187.4	1416.8	1606.7	1769.0	1916.4	2053.5	2180.9	2295.2	2402.4
22.5°	813.0	1110.9	1374.4	1586.7	1770.7	1937.5	2094.1	2246.6	2394.9	2534.5	2664.1
20°	994.1	1286.4	1516.2	1728.2	1919.4	2093.3	2265.8	2443.6	2614.7	2782.8	2938.9
17.5°	1135.2	1407.2	1637.8	1852.7	2047.3	2244.3	2441.7	2645.9	2852.4	3047.5	3234.2
15°	1253.0	1507.9	1741.6	1956.5	2170.5	2387.8	2608.3	2848.9	3094.4	3328.1	3566.1
12.5°	1336.5	1591.9	1828.9	2044.5	2284.4	2520.3	2777.0	3051.1	3334.8	3606.9	3899.3
10°	1403.7	1659.0	1894.0	2126.5	2380.3	2641.8	2929.7	3231.7	3570.2	3892.5	4207.4
7.5°	1461.4	1714.9	1946.3	2193.3	2460.2	2747.6	3060.7	3402.1	3768.4	4127.0	4501.9
5°	1503.5	1753.1	1986.9	2248.0	2521.5	2824.8	3161.7	3526.6	3919.4	4312.3	4683.0
2.5°	1525.8	1774.8	2012.1	2282.0	2557.5	2871.6	3222.5	3609.1	4024.1	4452.8	4818.4
0°	1525.3	1783.9	2021.8	2305.0	2583.9	2885.8	3248.6	3662.1	4066.9	4512.4	4887.7
-2.5°	1525.8	1774.8	2012.1	2282.0	2557.5	2871.6	3222.5	3609.1	4024.1	4452.8	4818.4
-5°	1503.5	1753.1	1986.9	2248.0	2521.5	2824.8	3161.7	3526.6	3919.4	4312.3	4683.0
-7.5°	1461.4	1714.9	1946.3	2193.3	2460.2	2747.6	3060.7	3402.1	3768.4	4127.0	4501.9
-10°	1403.7	1659.0	1894.0	2126.5	2380.3	2641.8	2929.7	3231.7	3570.2	3892.5	4207.4
-12.5°	1336.5	1591.9	1828.9	2044.5	2284.4	2520.3	2777.0	3051.1	3334.8	3606.9	3899.3
-15°	1253.0	1507.9	1741.6	1956.5	2170.5	2387.8	2608.3	2848.9	3094.4	3328.1	3566.1
-17.5°	1135.2	1407.2	1637.8	1852.7	2047.3	2244.3	2441.7	2645.9	2852.4	3047.5	3234.2
-20°	994.1	1286.4	1516.2	1728.2	1919.4	2093.3	2265.8	2443.6	2614.7	2782.8	2938.9



REPORT NUMBER: P558541 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	813.0	1110.9	1374.4	1586.7	1770.7	1937.5	2094.1	2246.6	2394.9	2534.5	2664.1
-25°	612.9	911.6	1187.4	1416.8	1606.7	1769.0	1916.4	2053.5	2180.9	2295.2	2402.4
-27.5°	446.4	687.7	961.0	1213.1	1416.6	1589.7	1729.4	1854.7	1968.5	2066.2	2158.3
-30°	294.2	481.7	714.3	961.4	1185.1	1370.0	1525.8	1652.2	1755.5	1848.3	1926.2
-32.5°	230.2	311.8	483.0	689.3	913.9	1107.6	1276.1	1408.8	1524.5	1615.6	1686.7
-35°	186.4	231.0	295.9	445.8	609.1	809.6	982.6	1121.2	1248.0	1349.8	1426.4
-37.5°	171.6	186.0	220.7	261.9	372.4	494.6	644.8	792.2	920.5	1030.3	1122.0
-40°	160.4	169.9	181.8	200.0	234.5	270.0	375.9	470.3	563.1	668.7	759.2
-42.5°	150.8	158.2	164.7	174.1	184.3	201.9	229.2	254.5	303.4	366.3	418.8
-45°	141.6	147.7	153.5	159.1	163.9	171.6	178.9	185.1	201.7	215.6	226.2
-47.5°	131.8	137.5	142.9	147.9	152.2	156.1	159.5	162.8	167.6	171.5	175.2
-50°	121.6	126.7	131.8	136.2	139.2	142.7	146.6	148.5	149.8	151.2	154.1
-52.5°	110.9	115.2	119.7	123.1	125.4	127.5	129.5	131.6	133.1	133.8	136.4
-55°	99.3	103.0	106.6	109.6	111.7	113.1	114.7	117.1	118.6	119.1	121.8
-57.5°	87.9	90.7	93.4	96.6	98.9	100.2	102.3	104.8	106.8	108.3	110.6
-60°	76.8	79.4	82.0	84.8	87.1	89.0	91.2	93.3	95.3	97.1	98.8
-62.5°	65.9	69.0	70.7	72.7	75.3	77.7	78.6	79.8	81.2	83.0	85.1
-65°	53.3	55.8	58.2	59.4	59.6	60.9	63.0	64.3	65.0	65.5	66.2
-67.5°	44.2	45.3	46.9	48.1	49.4	50.3	51.2	51.9	52.5	53.1	53.8
-70°	37.0	38.2	39.5	40.8	42.0	42.8	43.4	43.8	44.1	43.9	43.7
-72.5°	30.8	32.4	33.5	34.5	35.5	36.2	36.5	36.8	37.0	34.7	31.4
-75°	25.3	26.9	27.8	28.6	29.4	29.9	30.1	30.3	30.4	27.7	24.3
-77.5°	20.4	21.4	22.0	22.5	23.1	23.3	23.4	23.5	23.6	21.5	18.7
-80°	14.1	14.8	15.2	15.5	15.9	15.9	15.7	15.3	14.8	13.5	12.1
-82.5°	8.4	8.5	8.5	8.5	8.4	8.8	9.1	9.4	9.7	9.0	8.1
-85°	3.7	3.6	3.4	3.2	2.8	3.0	3.2	3.3	3.5	3.3	3.0
-87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	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: P558541 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-MWR-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°	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.7	0.8	0.8
85°	2.8	2.5	2.5	2.5	2.5	2.5	2.8	3.0	3.3	3.5	3.3
82.5°	7.2	6.2	6.2	6.2	6.2	6.2	7.2	8.1	9.0	9.7	9.4
80°	10.6	9.1	9.3	9.5	9.3	9.1	10.6	12.1	13.5	14.8	15.3
77.5°	15.7	12.6	12.5	12.5	12.5	12.6	15.7	18.7	21.5	23.6	23.5
75°	20.8	17.2	17.0	17.0	17.0	17.2	20.8	24.3	27.7	30.4	30.3
72.5°	28.1	24.6	23.1	21.6	23.1	24.6	28.1	31.4	34.7	37.0	36.8
70°	43.7	43.8	42.3	40.3	42.3	43.8	43.7	43.7	43.9	44.1	43.8
67.5°	54.4	54.8	55.4	56.0	55.4	54.8	54.4	53.8	53.1	52.5	51.9
65°	66.5	66.5	66.7	66.8	66.7	66.5	66.5	66.2	65.5	65.0	64.3
62.5°	86.8	88.2	89.2	89.7	89.2	88.2	86.8	85.1	83.0	81.2	79.8
60°	100.2	101.4	103.0	104.6	103.0	101.4	100.2	98.8	97.1	95.3	93.3
57.5°	112.8	114.7	116.3	117.5	116.3	114.7	112.8	110.6	108.3	106.8	104.8
55°	124.4	126.7	128.8	130.8	128.8	126.7	124.4	121.8	119.1	118.6	117.1
52.5°	138.9	140.8	143.9	147.8	143.9	140.8	138.9	136.4	133.8	133.1	131.6
50°	157.5	160.3	164.3	169.0	164.3	160.3	157.5	154.1	151.2	149.8	148.5
47.5°	179.1	181.9	185.6	190.6	185.6	181.9	179.1	175.2	171.5	167.6	162.8
45°	235.9	242.5	248.6	255.3	248.6	242.5	235.9	226.2	215.6	201.7	185.1
42.5°	460.9	490.1	502.7	495.3	502.7	490.1	460.9	418.8	366.3	303.4	254.5
40°	828.2	876.6	905.1	915.0	905.1	876.6	828.2	759.2	668.7	563.1	470.3
37.5°	1189.0	1233.5	1257.5	1260.4	1257.5	1233.5	1189.0	1122.0	1030.3	920.5	792.2
35°	1481.6	1518.3	1540.1	1556.4	1540.1	1518.3	1481.6	1426.4	1349.8	1248.0	1121.2
32.5°	1744.5	1786.3	1810.5	1805.1	1810.5	1786.3	1744.5	1686.7	1615.6	1524.5	1408.8
30°	1990.0	2035.8	2064.1	2065.0	2064.1	2035.8	1990.0	1926.2	1848.3	1755.5	1652.2
27.5°	2232.8	2284.1	2313.8	2336.9	2313.8	2284.1	2232.8	2158.3	2066.2	1968.5	1854.7
25°	2491.7	2555.7	2593.8	2616.7	2593.8	2555.7	2491.7	2402.4	2295.2	2180.9	2053.5
22.5°	2770.9	2850.2	2902.3	2924.0	2902.3	2850.2	2770.9	2664.1	2534.5	2394.9	2246.6
20°	3074.7	3172.9	3239.4	3237.4	3239.4	3172.9	3074.7	2938.9	2782.8	2614.7	2443.6
17.5°	3413.5	3540.3	3626.1	3638.4	3626.1	3540.3	3413.5	3234.2	3047.5	2852.4	2645.9
15°	3776.8	3940.3	4051.2	4085.6	4051.2	3940.3	3776.8	3566.1	3328.1	3094.4	2848.9
12.5°	4149.2	4343.6	4491.4	4540.6	4491.4	4343.6	4149.2	3899.3	3606.9	3334.8	3051.1
10°	4503.9	4719.2	4879.7	4950.8	4879.7	4719.2	4503.9	4207.4	3892.5	3570.2	3231.7
7.5°	4800.5	5019.2	5184.6	5243.0	5184.6	5019.2	4800.5	4501.9	4127.0	3768.4	3402.1
5°	4995.8	5234.8	5363.3	5435.7	5363.3	5234.8	4995.8	4683.0	4312.3	3919.4	3526.6
2.5°	5126.4	5329.0	5459.2	5525.8	5459.2	5329.0	5126.4	4818.4	4452.8	4024.1	3609.1
0°	5195.7	5402.0	5497.5	5529.9	5497.5	5402.0	5195.7	4887.7	4512.4	4066.9	3662.1
-2.5°	5126.4	5329.0	5459.2	5525.8	5459.2	5329.0	5126.4	4818.4	4452.8	4024.1	3609.1
-5°	4995.8	5234.8	5363.3	5435.7	5363.3	5234.8	4995.8	4683.0	4312.3	3919.4	3526.6
-7.5°	4800.5	5019.2	5184.6	5243.0	5184.6	5019.2	4800.5	4501.9	4127.0	3768.4	3402.1
-10°	4503.9	4719.2	4879.7	4950.8	4879.7	4719.2	4503.9	4207.4	3892.5	3570.2	3231.7
-12.5°	4149.2	4343.6	4491.4	4540.6	4491.4	4343.6	4149.2	3899.3	3606.9	3334.8	3051.1
-15°	3776.8	3940.3	4051.2	4085.6	4051.2	3940.3	3776.8	3566.1	3328.1	3094.4	2848.9
-17.5°	3413.5	3540.3	3626.1	3638.4	3626.1	3540.3	3413.5	3234.2	3047.5	2852.4	2645.9
-20°	3074.7	3172.9	3239.4	3237.4	3239.4	3172.9	3074.7	2938.9	2782.8	2614.7	2443.6



REPORT NUMBER: P558541 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2770.9	2850.2	2902.3	2924.0	2902.3	2850.2	2770.9	2664.1	2534.5	2394.9	2246.6
-25°	2491.7	2555.7	2593.8	2616.7	2593.8	2555.7	2491.7	2402.4	2295.2	2180.9	2053.5
-27.5°	2232.8	2284.1	2313.8	2336.9	2313.8	2284.1	2232.8	2158.3	2066.2	1968.5	1854.7
-30°	1990.0	2035.8	2064.1	2065.0	2064.1	2035.8	1990.0	1926.2	1848.3	1755.5	1652.2
-32.5°	1744.5	1786.3	1810.5	1805.1	1810.5	1786.3	1744.5	1686.7	1615.6	1524.5	1408.8
-35°	1481.6	1518.3	1540.1	1556.4	1540.1	1518.3	1481.6	1426.4	1349.8	1248.0	1121.2
-37.5°	1189.0	1233.5	1257.5	1260.4	1257.5	1233.5	1189.0	1122.0	1030.3	920.5	792.2
-40°	828.2	876.6	905.1	915.0	905.1	876.6	828.2	759.2	668.7	563.1	470.3
-42.5°	460.9	490.1	502.7	495.3	502.7	490.1	460.9	418.8	366.3	303.4	254.5
-45°	235.9	242.5	248.6	255.3	248.6	242.5	235.9	226.2	215.6	201.7	185.1
-47.5°	179.1	181.9	185.6	190.6	185.6	181.9	179.1	175.2	171.5	167.6	162.8
-50°	157.5	160.3	164.3	169.0	164.3	160.3	157.5	154.1	151.2	149.8	148.5
-52.5°	138.9	140.8	143.9	147.8	143.9	140.8	138.9	136.4	133.8	133.1	131.6
-55°	124.4	126.7	128.8	130.8	128.8	126.7	124.4	121.8	119.1	118.6	117.1
-57.5°	112.8	114.7	116.3	117.5	116.3	114.7	112.8	110.6	108.3	106.8	104.8
-60°	100.2	101.4	103.0	104.6	103.0	101.4	100.2	98.8	97.1	95.3	93.3
-62.5°	86.8	88.2	89.2	89.7	89.2	88.2	86.8	85.1	83.0	81.2	79.8
-65°	66.5	66.5	66.7	66.8	66.7	66.5	66.5	66.2	65.5	65.0	64.3
-67.5°	54.4	54.8	55.4	56.0	55.4	54.8	54.4	53.8	53.1	52.5	51.9
-70°	43.7	43.8	42.3	40.3	42.3	43.8	43.7	43.7	43.9	44.1	43.8
-72.5°	28.1	24.6	23.1	21.6	23.1	24.6	28.1	31.4	34.7	37.0	36.8
-75°	20.8	17.2	17.0	17.0	17.0	17.2	20.8	24.3	27.7	30.4	30.3
-77.5°	15.7	12.6	12.5	12.5	12.5	12.6	15.7	18.7	21.5	23.6	23.5
-80°	10.6	9.1	9.3	9.5	9.3	9.1	10.6	12.1	13.5	14.8	15.3
-82.5°	7.2	6.2	6.2	6.2	6.2	6.2	7.2	8.1	9.0	9.7	9.4
-85°	2.8	2.5	2.5	2.5	2.5	2.5	2.8	3.0	3.3	3.5	3.3
-87.5°	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.7	0.8	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



REPORT NUMBER: P558541 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-MWR-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	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
85°	3.2	3.0	2.8	3.2	3.4	3.6	3.7	3.3	2.9	2.5	2.2
82.5°	9.1	8.8	8.4	8.5	8.5	8.5	8.4	7.3	6.4	5.5	4.8
80°	15.7	15.9	15.9	15.5	15.2	14.8	14.1	12.2	10.6	9.1	8.1
77.5°	23.4	23.3	23.1	22.5	22.0	21.4	20.4	17.6	15.0	12.6	11.4
75°	30.1	29.9	29.4	28.6	27.8	26.9	25.3	22.6	19.7	16.8	15.2
72.5°	36.5	36.2	35.5	34.5	33.5	32.4	30.8	28.5	25.6	22.0	20.3
70°	43.4	42.8	42.0	40.8	39.5	38.2	37.0	35.3	32.9	29.9	28.2
67.5°	51.2	50.3	49.4	48.1	46.9	45.3	44.2	42.8	41.0	38.5	36.5
65°	63.0	60.9	59.6	59.4	58.2	55.8	53.3	51.7	49.9	47.5	44.9
62.5°	78.6	77.7	75.3	72.7	70.7	69.0	65.9	62.5	59.5	56.8	53.6
60°	91.2	89.0	87.1	84.8	82.0	79.4	76.8	73.4	69.2	65.8	62.3
57.5°	102.3	100.2	98.9	96.6	93.4	90.7	87.9	84.5	80.3	75.4	71.0
55°	114.7	113.1	111.7	109.6	106.6	103.0	99.3	95.7	91.1	85.2	79.8
52.5°	129.5	127.5	125.4	123.1	119.7	115.2	110.9	106.6	101.2	94.8	88.3
50°	146.6	142.7	139.2	136.2	131.8	126.7	121.6	116.7	110.4	103.8	97.0
47.5°	159.5	156.1	152.2	147.9	142.9	137.5	131.8	125.6	119.0	112.1	105.0
45°	178.9	171.6	163.9	159.1	153.5	147.7	141.6	134.6	127.4	120.0	112.5
42.5°	229.2	201.9	184.3	174.1	164.7	158.2	150.8	143.2	135.5	127.7	119.8
40°	375.9	270.0	234.5	200.0	181.8	169.9	160.4	151.6	143.4	135.1	126.7
37.5°	644.8	494.6	372.4	261.9	220.7	186.0	171.6	160.2	150.9	142.2	133.4
35°	982.6	809.6	609.1	445.8	295.9	231.0	186.4	170.4	158.5	149.2	139.9
32.5°	1276.1	1107.6	913.9	689.3	483.0	311.8	230.2	184.1	167.0	156.0	146.1
30°	1525.8	1370.0	1185.1	961.4	714.3	481.7	294.2	219.0	179.6	162.6	152.2
27.5°	1729.4	1589.7	1416.6	1213.1	961.0	687.7	446.4	262.5	198.6	172.4	157.8
25°	1916.4	1769.0	1606.7	1416.8	1187.4	911.6	612.9	376.9	235.8	182.9	163.1
22.5°	2094.1	1937.5	1770.7	1586.7	1374.4	1110.9	813.0	504.3	273.3	201.8	171.4
20°	2265.8	2093.3	1919.4	1728.2	1516.2	1286.4	994.1	656.9	380.5	230.6	179.2
17.5°	2441.7	2244.3	2047.3	1852.7	1637.8	1407.2	1135.2	810.4	473.7	256.5	185.9
15°	2608.3	2387.8	2170.5	1956.5	1741.6	1507.9	1253.0	947.1	566.1	308.9	205.0
12.5°	2777.0	2520.3	2284.4	2044.5	1828.9	1591.9	1336.5	1040.3	674.7	373.1	224.1
10°	2929.7	2641.8	2380.3	2126.5	1894.0	1659.0	1403.7	1115.3	763.9	425.8	239.7
7.5°	3060.7	2747.6	2460.2	2193.3	1946.3	1714.9	1461.4	1175.2	831.1	466.6	252.0
5°	3161.7	2824.8	2521.5	2248.0	1986.9	1753.1	1503.5	1218.8	876.4	495.2	260.7
2.5°	3222.5	2871.6	2557.5	2282.0	2012.1	1774.8	1525.8	1246.6	905.3	513.7	267.2
0°	3248.6	2885.8	2583.9	2305.0	2021.8	1783.9	1525.3	1257.1	915.8	520.6	270.3
-2.5°	3222.5	2871.6	2557.5	2282.0	2012.1	1774.8	1525.8	1246.6	905.3	513.7	267.2
-5°	3161.7	2824.8	2521.5	2248.0	1986.9	1753.1	1503.5	1218.8	876.4	495.2	260.7
-7.5°	3060.7	2747.6	2460.2	2193.3	1946.3	1714.9	1461.4	1175.2	831.1	466.6	252.0
-10°	2929.7	2641.8	2380.3	2126.5	1894.0	1659.0	1403.7	1115.3	763.9	425.8	239.7
-12.5°	2777.0	2520.3	2284.4	2044.5	1828.9	1591.9	1336.5	1040.3	674.7	373.1	224.1
-15°	2608.3	2387.8	2170.5	1956.5	1741.6	1507.9	1253.0	947.1	566.1	308.9	205.0
-17.5°	2441.7	2244.3	2047.3	1852.7	1637.8	1407.2	1135.2	810.4	473.7	256.5	185.9
-20°	2265.8	2093.3	1919.4	1728.2	1516.2	1286.4	994.1	656.9	380.5	230.6	179.2



REPORT NUMBER: P558541 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2094.1	1937.5	1770.7	1586.7	1374.4	1110.9	813.0	504.3	273.3	201.8	171.4
-25°	1916.4	1769.0	1606.7	1416.8	1187.4	911.6	612.9	376.9	235.8	182.9	163.1
-27.5°	1729.4	1589.7	1416.6	1213.1	961.0	687.7	446.4	262.5	198.6	172.4	157.8
-30°	1525.8	1370.0	1185.1	961.4	714.3	481.7	294.2	219.0	179.6	162.6	152.2
-32.5°	1276.1	1107.6	913.9	689.3	483.0	311.8	230.2	184.1	167.0	156.0	146.1
-35°	982.6	809.6	609.1	445.8	295.9	231.0	186.4	170.4	158.5	149.2	139.9
-37.5°	644.8	494.6	372.4	261.9	220.7	186.0	171.6	160.2	150.9	142.2	133.4
-40°	375.9	270.0	234.5	200.0	181.8	169.9	160.4	151.6	143.4	135.1	126.7
-42.5°	229.2	201.9	184.3	174.1	164.7	158.2	150.8	143.2	135.5	127.7	119.8
-45°	178.9	171.6	163.9	159.1	153.5	147.7	141.6	134.6	127.4	120.0	112.5
-47.5°	159.5	156.1	152.2	147.9	142.9	137.5	131.8	125.6	119.0	112.1	105.0
-50°	146.6	142.7	139.2	136.2	131.8	126.7	121.6	116.7	110.4	103.8	97.0
-52.5°	129.5	127.5	125.4	123.1	119.7	115.2	110.9	106.6	101.2	94.8	88.3
-55°	114.7	113.1	111.7	109.6	106.6	103.0	99.3	95.7	91.1	85.2	79.8
-57.5°	102.3	100.2	98.9	96.6	93.4	90.7	87.9	84.5	80.3	75.4	71.0
-60°	91.2	89.0	87.1	84.8	82.0	79.4	76.8	73.4	69.2	65.8	62.3
-62.5°	78.6	77.7	75.3	72.7	70.7	69.0	65.9	62.5	59.5	56.8	53.6
-65°	63.0	60.9	59.6	59.4	58.2	55.8	53.3	51.7	49.9	47.5	44.9
-67.5°	51.2	50.3	49.4	48.1	46.9	45.3	44.2	42.8	41.0	38.5	36.5
-70°	43.4	42.8	42.0	40.8	39.5	38.2	37.0	35.3	32.9	29.9	28.2
-72.5°	36.5	36.2	35.5	34.5	33.5	32.4	30.8	28.5	25.6	22.0	20.3
-75°	30.1	29.9	29.4	28.6	27.8	26.9	25.3	22.6	19.7	16.8	15.2
-77.5°	23.4	23.3	23.1	22.5	22.0	21.4	20.4	17.6	15.0	12.6	11.4
-80°	15.7	15.9	15.9	15.5	15.2	14.8	14.1	12.2	10.6	9.1	8.1
-82.5°	9.1	8.8	8.4	8.5	8.5	8.5	8.4	7.3	6.4	5.5	4.8
-85°	3.2	3.0	2.8	3.2	3.4	3.6	3.7	3.3	2.9	2.5	2.2
-87.5°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	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



REPORT NUMBER: P558541 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-MWR-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°	0.7	0.8	0.9	1.0	1.0	1.1	1.1	1.1	1.0	0.9	0.8
85°	2.4	2.4	2.5	2.4	2.3	2.1	2.1	2.1	2.0	1.8	1.7
82.5°	5.0	5.1	5.2	5.2	4.9	4.6	4.2	3.8	3.4	2.8	2.5
80°	8.6	8.8	8.9	8.7	7.8	7.0	6.5	6.0	5.5	4.9	4.1
77.5°	12.2	12.7	13.0	12.7	11.5	10.4	9.3	8.3	7.7	7.0	6.1
75°	16.0	16.8	17.3	17.0	15.6	13.8	12.3	11.1	10.3	9.2	8.1
72.5°	20.7	21.1	21.6	21.5	20.2	18.4	16.1	14.0	13.1	11.8	10.2
70°	27.1	25.9	25.6	25.4	24.7	23.3	20.9	18.2	15.9	14.4	12.7
67.5°	34.8	33.2	31.5	29.7	28.8	27.6	25.7	22.5	19.5	17.1	15.1
65°	42.5	40.3	38.3	35.7	33.5	31.9	30.0	26.5	22.9	19.9	17.6
62.5°	50.4	47.2	44.4	41.4	38.5	36.2	34.2	30.3	26.2	22.6	19.8
60°	58.6	54.7	50.5	46.9	43.5	40.4	37.7	34.0	29.6	25.1	21.8
57.5°	66.9	62.4	57.3	52.5	48.4	44.6	40.9	37.2	32.9	28.0	23.6
55°	75.1	70.2	64.0	58.3	53.4	49.0	44.4	40.2	36.0	30.9	24.9
52.5°	82.5	77.3	71.2	64.3	58.3	53.2	48.1	43.1	38.6	33.7	26.7
50°	89.9	83.5	77.7	70.9	63.3	57.4	51.7	46.3	41.2	36.3	28.4
47.5°	97.7	90.2	83.4	77.0	69.3	61.4	55.3	49.4	43.7	38.6	29.9
45°	104.9	97.2	89.3	82.2	74.9	66.1	58.9	52.4	46.4	39.7	31.2
42.5°	111.7	103.6	95.4	87.2	79.6	70.7	62.4	55.5	49.0	40.6	32.0
40°	118.2	109.7	101.1	92.6	84.2	75.0	66.1	58.5	51.3	41.3	32.6
37.5°	124.4	115.5	106.5	97.7	88.9	79.3	69.6	61.4	52.4	42.2	33.0
35°	130.4	120.9	111.9	102.7	93.4	83.7	72.7	64.2	54.1	42.9	33.3
32.5°	136.1	126.3	116.9	107.4	97.7	88.1	76.2	66.7	56.1	43.5	33.3
30°	141.7	131.5	121.7	112.0	101.7	91.8	80.1	69.1	58.5	43.9	33.3
27.5°	147.0	136.4	126.1	116.1	105.7	95.2	83.9	71.6	61.2	44.8	33.5
25°	151.9	140.9	130.2	119.9	109.4	98.5	87.4	73.9	63.4	46.6	33.6
22.5°	156.4	145.0	134.0	123.4	112.9	101.7	90.4	76.9	65.3	48.5	33.6
20°	160.6	148.6	137.5	127.1	116.2	104.7	93.0	79.5	67.0	50.4	33.4
17.5°	164.7	152.4	141.5	130.6	119.2	107.5	95.4	81.9	68.6	52.3	33.1
15°	171.1	156.5	145.2	133.8	122.0	109.9	97.5	83.9	70.0	54.1	33.0
12.5°	177.0	160.2	148.5	136.9	124.5	112.1	99.5	85.7	71.3	55.3	33.1
10°	181.9	163.4	151.4	139.6	126.8	113.9	101.2	87.3	72.4	55.8	33.1
7.5°	185.9	166.2	153.9	142.1	128.9	115.7	102.8	88.5	73.4	55.9	32.8
5°	189.4	169.2	157.0	144.7	131.4	117.4	104.1	89.5	74.4	55.5	32.4
2.5°	193.3	172.8	160.5	147.1	133.5	118.9	105.2	90.2	75.1	54.8	31.8
0°	196.4	176.0	163.6	149.0	135.3	120.0	105.9	90.5	75.6	53.6	31.1
-2.5°	193.3	172.8	160.5	147.1	133.5	118.9	105.2	90.2	75.1	54.8	31.8
-5°	189.4	169.2	157.0	144.7	131.4	117.4	104.1	89.5	74.4	55.5	32.4
-7.5°	185.9	166.2	153.9	142.1	128.9	115.7	102.8	88.5	73.4	55.9	32.8
-10°	181.9	163.4	151.4	139.6	126.8	113.9	101.2	87.3	72.4	55.8	33.1
-12.5°	177.0	160.2	148.5	136.9	124.5	112.1	99.5	85.7	71.3	55.3	33.1
-15°	171.1	156.5	145.2	133.8	122.0	109.9	97.5	83.9	70.0	54.1	33.0
-17.5°	164.7	152.4	141.5	130.6	119.2	107.5	95.4	81.9	68.6	52.3	33.1
-20°	160.6	148.6	137.5	127.1	116.2	104.7	93.0	79.5	67.0	50.4	33.4



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	156.4	145.0	134.0	123.4	112.9	101.7	90.4	76.9	65.3	48.5	33.6
-25°	151.9	140.9	130.2	119.9	109.4	98.5	87.4	73.9	63.4	46.6	33.6
-27.5°	147.0	136.4	126.1	116.1	105.7	95.2	83.9	71.6	61.2	44.8	33.5
-30°	141.7	131.5	121.7	112.0	101.7	91.8	80.1	69.1	58.5	43.9	33.3
-32.5°	136.1	126.3	116.9	107.4	97.7	88.1	76.2	66.7	56.1	43.5	33.3
-35°	130.4	120.9	111.9	102.7	93.4	83.7	72.7	64.2	54.1	42.9	33.3
-37.5°	124.4	115.5	106.5	97.7	88.9	79.3	69.6	61.4	52.4	42.2	33.0
-40°	118.2	109.7	101.1	92.6	84.2	75.0	66.1	58.5	51.3	41.3	32.6
-42.5°	111.7	103.6	95.4	87.2	79.6	70.7	62.4	55.5	49.0	40.6	32.0
-45°	104.9	97.2	89.3	82.2	74.9	66.1	58.9	52.4	46.4	39.7	31.2
-47.5°	97.7	90.2	83.4	77.0	69.3	61.4	55.3	49.4	43.7	38.6	29.9
-50°	89.9	83.5	77.7	70.9	63.3	57.4	51.7	46.3	41.2	36.3	28.4
-52.5°	82.5	77.3	71.2	64.3	58.3	53.2	48.1	43.1	38.6	33.7	26.7
-55°	75.1	70.2	64.0	58.3	53.4	49.0	44.4	40.2	36.0	30.9	24.9
-57.5°	66.9	62.4	57.3	52.5	48.4	44.6	40.9	37.2	32.9	28.0	23.6
-60°	58.6	54.7	50.5	46.9	43.5	40.4	37.7	34.0	29.6	25.1	21.8
-62.5°	50.4	47.2	44.4	41.4	38.5	36.2	34.2	30.3	26.2	22.6	19.8
-65°	42.5	40.3	38.3	35.7	33.5	31.9	30.0	26.5	22.9	19.9	17.6
-67.5°	34.8	33.2	31.5	29.7	28.8	27.6	25.7	22.5	19.5	17.1	15.1
-70°	27.1	25.9	25.6	25.4	24.7	23.3	20.9	18.2	15.9	14.4	12.7
-72.5°	20.7	21.1	21.6	21.5	20.2	18.4	16.1	14.0	13.1	11.8	10.2
-75°	16.0	16.8	17.3	17.0	15.6	13.8	12.3	11.1	10.3	9.2	8.1
-77.5°	12.2	12.7	13.0	12.7	11.5	10.4	9.3	8.3	7.7	7.0	6.1
-80°	8.6	8.8	8.9	8.7	7.8	7.0	6.5	6.0	5.5	4.9	4.1
-82.5°	5.0	5.1	5.2	5.2	4.9	4.6	4.2	3.8	3.4	2.8	2.5
-85°	2.4	2.4	2.5	2.4	2.3	2.1	2.1	2.1	2.0	1.8	1.7
-87.5°	0.7	0.8	0.9	1.0	1.0	1.1	1.1	1.1	1.0	0.9	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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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	0.4	0.3	0.2	0.1	0.0
85°	1.5	1.2	0.9	0.6	0.4	0.2	0.0
82.5°	2.2	1.7	1.3	0.9	0.5	0.3	0.0
80°	3.1	2.3	1.7	1.2	0.7	0.4	0.0
77.5°	4.9	3.2	2.1	1.5	0.9	0.5	0.0
75°	6.6	4.5	2.7	1.8	1.1	0.5	0.0
72.5°	8.3	5.8	3.6	2.0	1.3	0.6	0.0
70°	10.0	7.1	4.6	2.4	1.4	0.7	0.0
67.5°	12.0	8.4	5.5	3.0	1.6	0.8	0.0
65°	13.9	9.7	6.4	3.7	1.8	0.9	0.0
62.5°	15.7	11.1	7.3	4.3	1.9	1.0	0.0
60°	17.4	12.4	8.1	4.9	2.1	1.0	0.0
57.5°	18.5	13.7	9.1	5.4	2.5	1.1	0.0
55°	19.5	14.9	10.0	6.0	2.8	1.2	0.0
52.5°	20.3	15.9	10.8	6.5	3.2	1.3	0.0
50°	21.0	16.4	11.6	6.9	3.5	1.3	0.0
47.5°	21.7	16.8	12.3	7.4	3.8	1.4	0.0
45°	22.7	17.1	13.0	7.9	4.1	1.5	0.0
42.5°	23.6	17.3	13.6	8.3	4.4	1.5	0.0
40°	24.3	17.4	13.9	8.8	4.7	1.6	0.0
37.5°	24.9	17.4	13.9	9.3	4.9	1.7	0.0
35°	25.3	17.6	13.9	9.8	5.2	1.7	0.0
32.5°	25.5	17.9	13.8	10.2	5.4	1.8	0.0
30°	25.5	18.0	13.7	10.7	5.6	1.8	0.0
27.5°	25.3	18.1	13.8	11.1	5.8	1.9	0.0
25°	25.0	18.0	14.0	11.5	5.9	1.9	0.0
22.5°	24.6	18.1	14.1	11.9	6.1	1.9	0.0
20°	24.1	18.5	14.2	12.3	6.2	2.0	0.0
17.5°	24.1	18.9	14.3	12.6	6.3	2.0	0.0
15°	24.5	19.3	14.4	12.9	6.4	2.0	0.0
12.5°	24.8	19.6	14.4	13.2	6.5	2.1	0.0
10°	25.0	19.9	14.4	13.5	6.5	2.1	0.0
7.5°	25.2	20.0	14.5	13.7	6.6	2.1	0.0
5°	25.3	20.2	14.5	13.9	6.6	2.1	0.0
2.5°	25.3	20.3	14.5	14.0	6.6	2.1	0.0
0°	25.3	20.3	14.5	14.1	6.6	2.1	0.0
-2.5°	25.3	20.3	14.5	14.0	6.6	2.1	0.0
-5°	25.3	20.2	14.5	13.9	6.6	2.1	0.0
-7.5°	25.2	20.0	14.5	13.7	6.6	2.1	0.0
-10°	25.0	19.9	14.4	13.5	6.5	2.1	0.0
-12.5°	24.8	19.6	14.4	13.2	6.5	2.1	0.0
-15°	24.5	19.3	14.4	12.9	6.4	2.0	0.0
-17.5°	24.1	18.9	14.3	12.6	6.3	2.0	0.0
-20°	24.1	18.5	14.2	12.3	6.2	2.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	24.6	18.1	14.1	11.9	6.1	1.9	0.0
-25°	25.0	18.0	14.0	11.5	5.9	1.9	0.0
-27.5°	25.3	18.1	13.8	11.1	5.8	1.9	0.0
-30°	25.5	18.0	13.7	10.7	5.6	1.8	0.0
-32.5°	25.5	17.9	13.8	10.2	5.4	1.8	0.0
-35°	25.3	17.6	13.9	9.8	5.2	1.7	0.0
-37.5°	24.9	17.4	13.9	9.3	4.9	1.7	0.0
-40°	24.3	17.4	13.9	8.8	4.7	1.6	0.0
-42.5°	23.6	17.3	13.6	8.3	4.4	1.5	0.0
-45°	22.7	17.1	13.0	7.9	4.1	1.5	0.0
-47.5°	21.7	16.8	12.3	7.4	3.8	1.4	0.0
-50°	21.0	16.4	11.6	6.9	3.5	1.3	0.0
-52.5°	20.3	15.9	10.8	6.5	3.2	1.3	0.0
-55°	19.5	14.9	10.0	6.0	2.8	1.2	0.0
-57.5°	18.5	13.7	9.1	5.4	2.5	1.1	0.0
-60°	17.4	12.4	8.1	4.9	2.1	1.0	0.0
-62.5°	15.7	11.1	7.3	4.3	1.9	1.0	0.0
-65°	13.9	9.7	6.4	3.7	1.8	0.9	0.0
-67.5°	12.0	8.4	5.5	3.0	1.6	0.8	0.0
-70°	10.0	7.1	4.6	2.4	1.4	0.7	0.0
-72.5°	8.3	5.8	3.6	2.0	1.3	0.6	0.0
-75°	6.6	4.5	2.7	1.8	1.1	0.5	0.0
-77.5°	4.9	3.2	2.1	1.5	0.9	0.5	0.0
-80°	3.1	2.3	1.7	1.2	0.7	0.4	0.0
-82.5°	2.2	1.7	1.3	0.9	0.5	0.3	0.0
-85°	1.5	1.2	0.9	0.6	0.4	0.2	0.0
-87.5°	0.8	0.6	0.4	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)