

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: P559025 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-935-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559025 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA5B-935-U-TSB-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, TIGHT SPOT BAFFLE N1
Light Source: (80) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

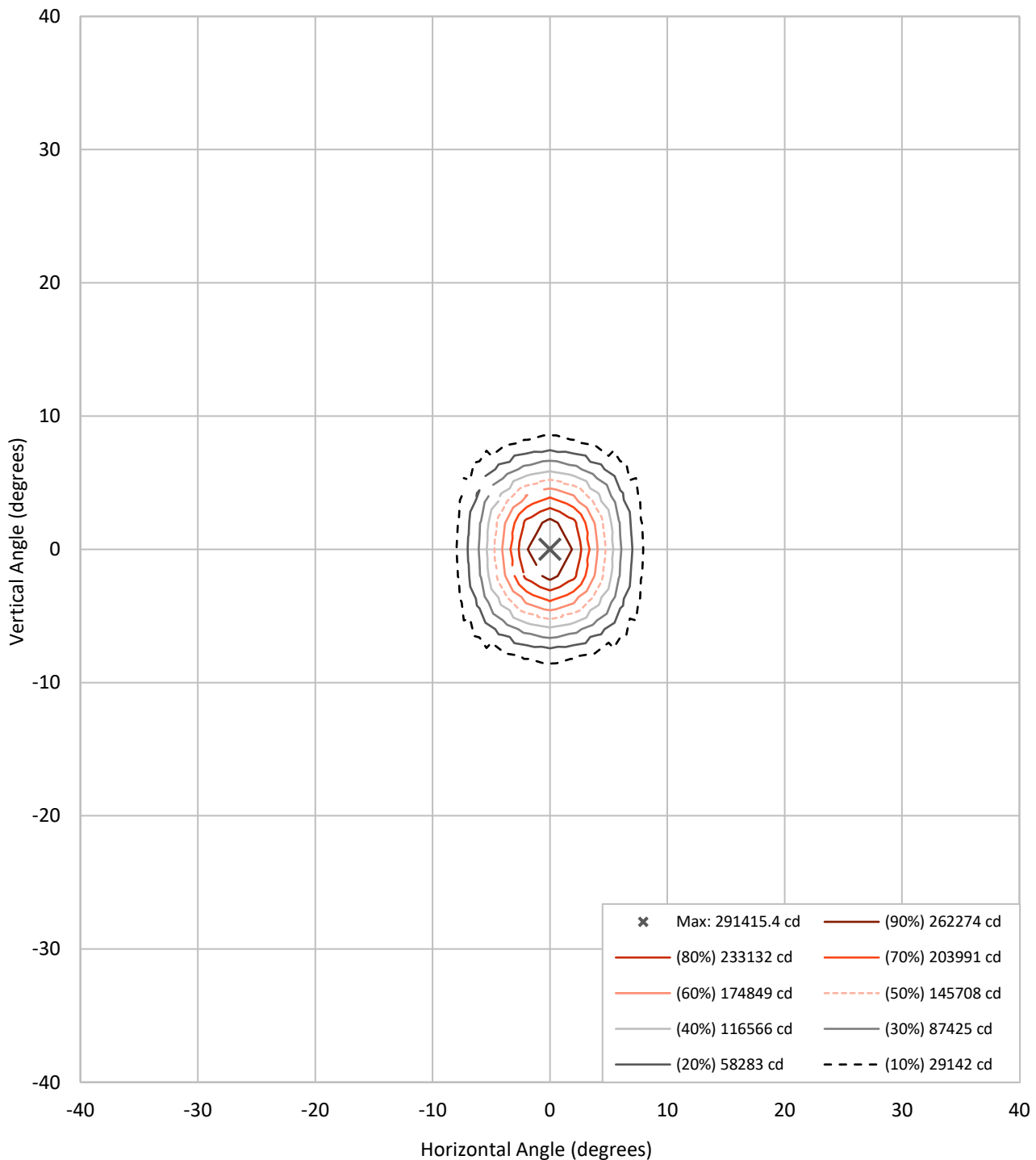
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	11348.3 lumens	Max Intensity:	291415.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	61.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	4864.1 lumens	Field Lumens:	8383.2 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 185
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: P559025 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





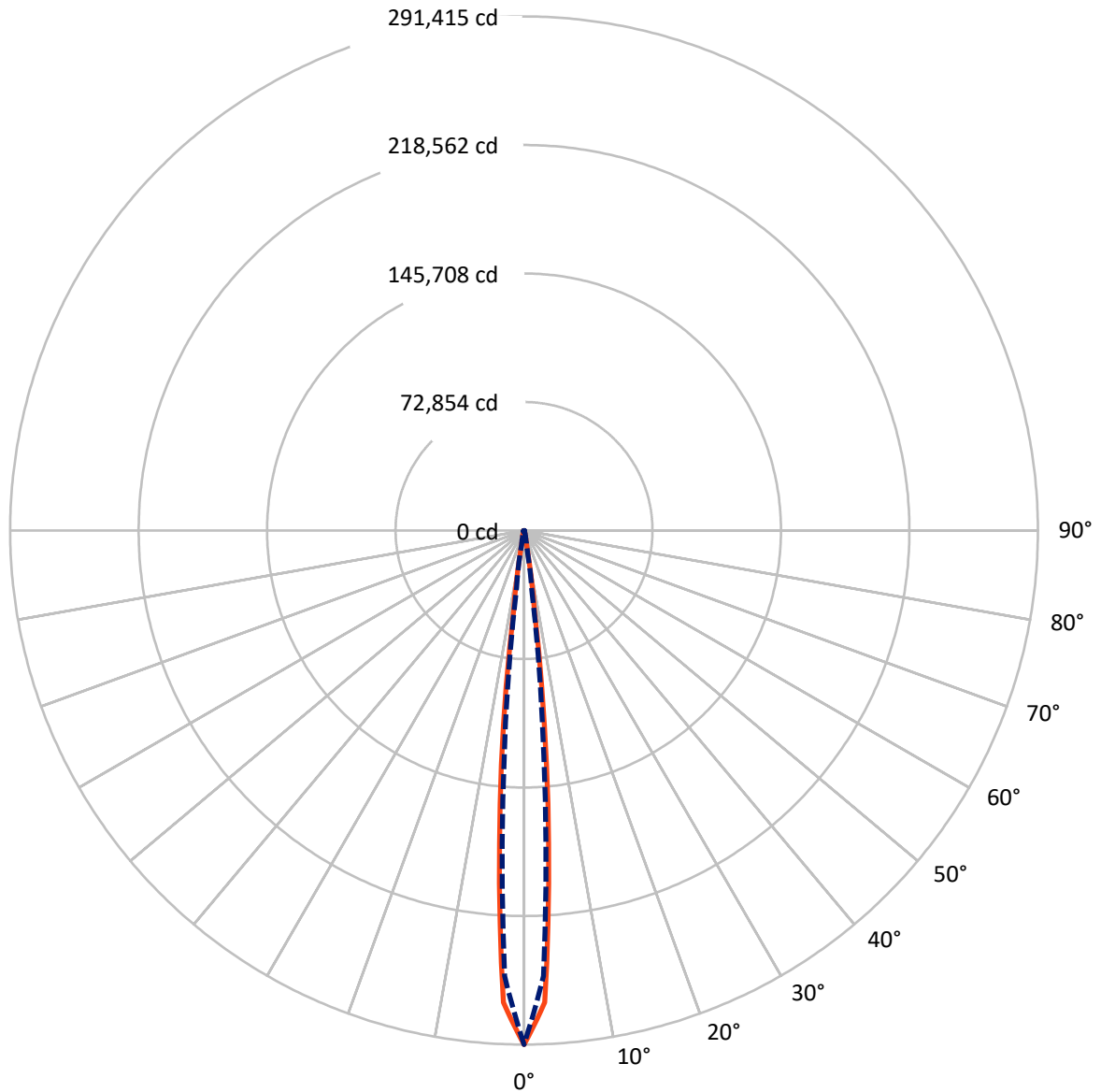
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Lumen Table

90	0.0	0.3	1.2	2.7	4.7	2.7	1.2	0.3	0.0							
80	0.0	0.3	1.2	2.7	4.7	2.7	1.2	0.3	0.0							
70	0.2	0.2	0.6	1.2	1.9	2.5	4.0	7.1	7.1	4.0	2.5	1.9	1.2	0.6	0.2	0.2
60		0.4	1.1	2.3	3.7	5.0	6.8	9.2	9.2	6.8	5.0	3.7	2.3	1.1	0.4	
50	0.6	0.8	1.8	3.7	6.4	9.6	12.3	14.7	14.7	12.3	9.6	6.4	3.7	1.8	0.8	0.6
40		1.2	2.5	5.5	10.0	13.4	15.2	16.1	16.1	15.2	13.4	10.0	5.5	2.5	1.2	
30	1.1	1.8	3.5	7.8	12.2	14.6	19.9	26.2	26.2	19.9	14.6	12.2	7.8	3.5	1.8	1.1
20		2.5	4.8	9.9	13.5	19.2	39.0	77.9	77.9	39.0	19.2	13.5	9.9	4.8	2.5	
10	1.3	2.8	5.8	11.0	14.1	24.7	77.1	2280.0	2280.0	77.1	24.7	14.1	11.0	5.8	2.8	1.3
0		2.8	5.8	11.0	14.1	24.7	77.1	2280.0	2280.0	77.1	24.7	14.1	11.0	5.8	2.8	
-10	1.1	2.5	4.8	9.9	13.5	19.2	39.0	77.9	77.9	39.0	19.2	13.5	9.9	4.8	2.5	1.1
-20		1.8	3.5	7.8	12.2	14.6	19.9	26.2	26.2	19.9	14.6	12.2	7.8	3.5	1.8	
-30	0.6	1.2	2.5	5.5	10.0	13.4	15.2	16.1	16.1	15.2	13.4	10.0	5.5	2.5	1.2	0.6
-40		0.8	1.8	3.7	6.4	9.6	12.3	14.7	14.7	12.3	9.6	6.4	3.7	1.8	0.8	
-50	0.2	0.4	1.1	2.3	3.7	5.0	6.8	9.2	9.2	6.8	5.0	3.7	2.3	1.1	0.4	0.2
-60		0.2	0.6	1.2	1.9	2.5	4.0	7.1	7.1	4.0	2.5	1.9	1.2	0.6	0.2	
-70	0.0	0.3	1.2	2.7	4.7	2.7	1.2	0.3	0.0							
-80		0.3	1.2	2.7	4.7	2.7	1.2	0.3	0.0							
-90	0.0	0.3	1.2	2.7	4.7	2.7	1.2	0.3	0.0							

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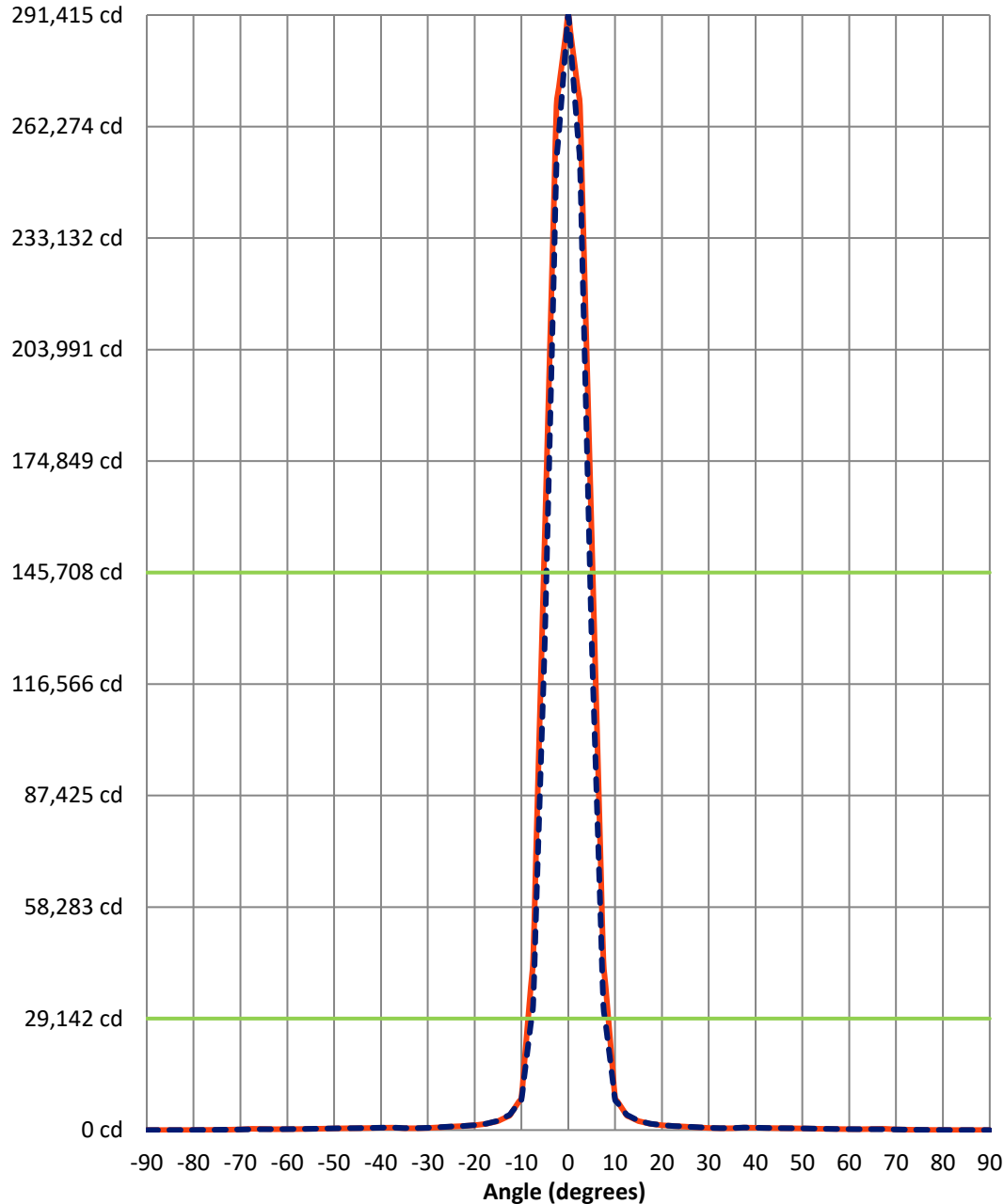
Luminous Intensity Polar Plot



— 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: 4864.1
 Efficiency: 42.9%

Field:
 H Angle: 15.7°
 V Angle: 17.1°
 Lumens: 8383.2
 Efficiency: 73.9%

Spill:
 Lumens: 2965.1
 Efficiency: 26.1%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.3	1.4
85°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.5	2.8
82.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.0	3.3	3.3	3.3
80°	0.0	0.6	1.1	1.7	2.3	2.8	3.3	3.3	3.3	3.3	3.3
77.5°	0.0	0.7	1.4	2.1	2.8	3.3	3.3	3.3	3.3	3.3	3.6
75°	0.0	0.9	1.7	2.6	3.3	3.3	3.3	3.3	3.4	4.4	5.1
72.5°	0.0	1.0	2.0	3.0	3.3	3.3	3.3	3.7	4.9	5.8	6.5
70°	0.0	1.1	2.3	3.3	3.3	3.3	3.5	5.0	6.3	7.3	9.1
67.5°	0.0	1.3	2.5	3.3	3.3	3.3	4.7	6.4	7.8	10.0	11.9
65°	0.0	1.4	2.8	3.3	3.3	3.9	6.0	7.8	10.3	12.7	15.2
62.5°	0.0	1.5	3.0	3.3	3.3	5.0	7.2	9.8	12.8	15.7	19.5
60°	0.0	1.6	3.3	3.3	3.3	6.0	8.5	12.0	15.3	19.8	23.9
57.5°	0.0	1.8	3.3	3.3	4.2	7.1	10.6	14.3	18.9	24.0	28.9
55°	0.0	1.9	3.3	3.3	5.0	8.2	12.9	16.8	22.7	28.4	34.2
52.5°	0.0	2.0	3.4	3.3	5.9	9.4	15.2	20.5	26.6	33.5	39.7
50°	0.0	2.1	3.4	3.3	6.8	11.5	17.6	24.5	30.7	38.7	46.4
47.5°	0.0	2.2	3.5	3.5	7.6	13.6	20.3	28.6	35.5	44.0	53.4
45°	0.0	2.3	3.5	4.1	8.4	15.7	24.0	32.9	41.2	50.6	60.7
42.5°	0.0	2.4	3.6	4.7	9.2	17.8	27.7	37.7	47.1	57.4	69.2
40°	0.0	2.5	3.6	5.3	10.5	20.0	31.5	43.1	53.6	64.4	78.3
37.5°	0.0	2.6	3.7	5.8	12.1	22.1	35.4	48.5	61.1	73.3	87.6
35°	0.0	2.7	3.8	6.3	13.7	24.8	39.2	54.1	68.6	83.6	96.7
32.5°	0.0	2.8	3.8	6.8	15.3	27.8	43.3	59.7	76.2	94.2	108.1
30°	0.0	2.9	3.9	7.2	16.8	30.8	47.8	65.5	83.8	105.2	120.9
27.5°	0.0	2.9	4.0	7.5	17.8	33.8	52.3	71.8	92.1	116.6	135.1
25°	0.0	3.0	4.1	7.8	18.5	36.6	56.7	78.0	101.3	128.3	150.3
22.5°	0.0	3.0	4.2	8.0	19.1	38.9	61.1	84.1	110.6	140.7	163.2
20°	0.0	3.1	4.3	8.2	19.6	39.7	65.3	90.0	119.9	153.7	176.0
17.5°	0.0	3.1	4.4	8.4	19.8	40.2	67.5	95.8	128.9	167.0	188.5
15°	0.0	3.2	4.5	8.5	20.0	40.4	68.3	99.9	137.8	180.4	200.7
12.5°	0.0	3.2	4.6	8.5	20.0	40.3	68.8	102.0	143.5	193.9	212.7
10°	0.0	3.2	4.7	8.5	19.8	40.0	68.9	103.9	146.5	199.0	221.2
7.5°	0.0	3.3	4.8	8.5	19.6	39.5	68.8	105.5	148.6	202.2	222.7
5°	0.0	3.3	4.8	8.5	19.2	38.7	68.3	106.7	150.1	204.3	224.0
2.5°	0.0	3.3	4.9	8.4	18.8	37.7	67.5	107.5	150.8	205.4	224.9
0°	0.0	3.3	5.0	8.3	18.2	36.5	66.3	107.8	150.9	205.6	225.5
-2.5°	0.0	3.3	4.9	8.4	18.8	37.7	67.5	107.5	150.8	205.4	224.9
-5°	0.0	3.3	4.8	8.5	19.2	38.7	68.3	106.7	150.1	204.3	224.0
-7.5°	0.0	3.3	4.8	8.5	19.6	39.5	68.8	105.5	148.6	202.2	222.7
-10°	0.0	3.2	4.7	8.5	19.8	40.0	68.9	103.9	146.5	199.0	221.2
-12.5°	0.0	3.2	4.6	8.5	20.0	40.3	68.8	102.0	143.5	193.9	212.7
-15°	0.0	3.2	4.5	8.5	20.0	40.4	68.3	99.9	137.8	180.4	200.7
-17.5°	0.0	3.1	4.4	8.4	19.8	40.2	67.5	95.8	128.9	167.0	188.5
-20°	0.0	3.1	4.3	8.2	19.6	39.7	65.3	90.0	119.9	153.7	176.0



REPORT NUMBER: P559025 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-935-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	3.0	4.2	8.0	19.1	38.9	61.1	84.1	110.6	140.7	163.2
-25°	0.0	3.0	4.1	7.8	18.5	36.6	56.7	78.0	101.3	128.3	150.3
-27.5°	0.0	2.9	4.0	7.5	17.8	33.8	52.3	71.8	92.1	116.6	135.1
-30°	0.0	2.9	3.9	7.2	16.8	30.8	47.8	65.5	83.8	105.2	120.9
-32.5°	0.0	2.8	3.8	6.8	15.3	27.8	43.3	59.7	76.2	94.2	108.1
-35°	0.0	2.7	3.8	6.3	13.7	24.8	39.2	54.1	68.6	83.6	96.7
-37.5°	0.0	2.6	3.7	5.8	12.1	22.1	35.4	48.5	61.1	73.3	87.6
-40°	0.0	2.5	3.6	5.3	10.5	20.0	31.5	43.1	53.6	64.4	78.3
-42.5°	0.0	2.4	3.6	4.7	9.2	17.8	27.7	37.7	47.1	57.4	69.2
-45°	0.0	2.3	3.5	4.1	8.4	15.7	24.0	32.9	41.2	50.6	60.7
-47.5°	0.0	2.2	3.5	3.5	7.6	13.6	20.3	28.6	35.5	44.0	53.4
-50°	0.0	2.1	3.4	3.3	6.8	11.5	17.6	24.5	30.7	38.7	46.4
-52.5°	0.0	2.0	3.4	3.3	5.9	9.4	15.2	20.5	26.6	33.5	39.7
-55°	0.0	1.9	3.3	3.3	5.0	8.2	12.9	16.8	22.7	28.4	34.2
-57.5°	0.0	1.8	3.3	3.3	4.2	7.1	10.6	14.3	18.9	24.0	28.9
-60°	0.0	1.6	3.3	3.3	3.3	6.0	8.5	12.0	15.3	19.8	23.9
-62.5°	0.0	1.5	3.0	3.3	3.3	5.0	7.2	9.8	12.8	15.7	19.5
-65°	0.0	1.4	2.8	3.3	3.3	3.9	6.0	7.8	10.3	12.7	15.2
-67.5°	0.0	1.3	2.5	3.3	3.3	3.3	4.7	6.4	7.8	10.0	11.9
-70°	0.0	1.1	2.3	3.3	3.3	3.3	3.5	5.0	6.3	7.3	9.1
-72.5°	0.0	1.0	2.0	3.0	3.3	3.3	3.3	3.7	4.9	5.8	6.5
-75°	0.0	0.9	1.7	2.6	3.3	3.3	3.3	3.3	3.4	4.4	5.1
-77.5°	0.0	0.7	1.4	2.1	2.8	3.3	3.3	3.3	3.3	3.3	3.6
-80°	0.0	0.6	1.1	1.7	2.3	2.8	3.3	3.3	3.3	3.3	3.3
-82.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.0	3.3	3.3	3.3
-85°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.5	2.8
-87.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.3	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



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 CATALOG NUMBER: GFLD-SA5B-935-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°	1.3	1.3	1.1	1.0	1.0	1.1	1.1	1.2	1.3	1.3	1.3
85°	2.7	2.5	2.2	1.9	2.0	2.2	2.3	2.4	2.5	2.6	2.6
82.5°	3.1	2.9	2.8	2.9	3.0	3.2	3.4	3.7	4.0	4.3	4.5
80°	3.2	3.3	3.8	4.2	4.7	5.2	5.6	6.0	6.4	7.0	7.9
77.5°	4.3	4.9	5.5	6.1	6.8	8.1	9.2	10.2	11.3	12.6	14.0
75°	5.8	6.5	8.1	10.0	11.6	13.0	14.2	16.0	18.2	20.6	22.9
72.5°	7.9	10.0	12.1	14.5	17.3	19.6	21.9	24.1	27.6	31.5	34.4
70°	11.0	13.4	16.8	20.6	24.1	27.3	31.8	37.2	42.6	45.4	47.0
67.5°	14.1	18.1	22.3	26.7	31.7	36.9	43.1	49.0	54.5	56.8	58.9
65°	18.3	22.8	28.0	33.5	39.2	45.4	51.8	58.3	64.1	67.1	70.5
62.5°	22.6	28.0	33.9	40.1	46.4	53.1	60.9	67.5	72.4	78.4	85.4
60°	27.7	33.1	39.8	46.7	54.0	63.3	71.1	78.4	85.2	92.0	102.5
57.5°	33.2	38.4	45.9	54.0	64.0	74.7	83.5	91.4	100.7	110.4	121.0
55°	39.1	43.8	52.3	62.3	73.8	86.5	96.9	107.7	118.4	127.1	136.5
52.5°	45.9	50.2	59.1	70.6	84.0	98.2	112.1	123.3	133.3	142.8	153.5
50°	53.1	58.5	65.6	79.5	94.4	110.5	126.2	137.5	148.8	160.0	172.0
47.5°	61.4	67.4	73.4	88.4	105.2	121.8	138.0	152.4	164.9	179.8	193.7
45°	70.4	77.4	83.9	97.8	115.1	132.0	150.0	167.3	184.9	202.5	224.6
42.5°	79.9	87.6	95.9	106.7	124.0	142.6	161.8	185.0	207.3	231.9	260.5
40°	89.2	97.7	107.6	117.4	132.7	153.4	176.9	202.9	234.4	266.1	300.8
37.5°	98.2	108.1	118.7	128.8	142.4	165.7	191.6	224.8	262.7	302.8	346.9
35°	107.1	118.0	128.9	140.8	156.0	178.6	210.7	248.3	293.7	344.4	384.8
32.5°	115.8	127.5	138.5	152.9	171.6	194.8	229.0	276.3	328.7	380.1	407.2
30°	126.7	136.1	148.1	164.3	186.9	216.5	253.5	304.6	364.1	399.3	424.4
27.5°	141.2	144.6	158.2	177.1	202.6	237.8	283.8	336.8	386.1	417.0	439.4
25°	155.5	159.0	167.6	190.0	221.5	263.0	314.7	375.1	404.4	430.4	456.5
22.5°	169.2	172.8	183.6	202.3	239.8	288.6	348.7	401.6	429.5	446.1	474.4
20°	182.0	187.7	201.0	222.6	258.5	312.9	381.7	426.2	452.8	472.7	498.7
17.5°	194.4	202.3	218.6	244.7	284.8	340.1	411.8	450.7	476.6	495.8	528.1
15°	206.4	216.4	235.5	265.5	309.4	369.3	431.8	470.8	498.6	517.6	555.2
12.5°	218.0	230.2	251.6	284.8	331.5	394.8	448.8	483.7	511.6	540.5	579.4
10°	229.3	243.6	267.0	302.7	351.3	416.8	463.0	494.2	522.0	558.8	599.3
7.5°	231.0	250.3	279.6	319.2	368.9	435.4	474.7	502.3	532.5	575.5	617.4
5°	231.0	249.8	280.6	323.4	377.2	446.4	482.9	508.4	542.6	590.4	633.5
2.5°	230.8	248.7	280.8	324.8	379.3	447.5	484.1	510.0	548.4	605.1	648.3
0°	230.4	247.0	280.2	324.9	379.6	445.9	484.1	510.6	552.0	618.4	661.5
-2.5°	230.8	248.7	280.8	324.8	379.3	447.5	484.1	510.0	548.4	605.1	648.3
-5°	231.0	249.8	280.6	323.4	377.2	446.4	482.9	508.4	542.6	590.4	633.5
-7.5°	231.0	250.3	279.6	319.2	368.9	435.4	474.7	502.3	532.5	575.5	617.4
-10°	229.3	243.6	267.0	302.7	351.3	416.8	463.0	494.2	522.0	558.8	599.3
-12.5°	218.0	230.2	251.6	284.8	331.5	394.8	448.8	483.7	511.6	540.5	579.4
-15°	206.4	216.4	235.5	265.5	309.4	369.3	431.8	470.8	498.6	517.6	555.2
-17.5°	194.4	202.3	218.6	244.7	284.8	340.1	411.8	450.7	476.6	495.8	528.1
-20°	182.0	187.7	201.0	222.6	258.5	312.9	381.7	426.2	452.8	472.7	498.7



REPORT NUMBER: P559025 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-935-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°	169.2	172.8	183.6	202.3	239.8	288.6	348.7	401.6	429.5	446.1	474.4
-25°	155.5	159.0	167.6	190.0	221.5	263.0	314.7	375.1	404.4	430.4	456.5
-27.5°	141.2	144.6	158.2	177.1	202.6	237.8	283.8	336.8	386.1	417.0	439.4
-30°	126.7	136.1	148.1	164.3	186.9	216.5	253.5	304.6	364.1	399.3	424.4
-32.5°	115.8	127.5	138.5	152.9	171.6	194.8	229.0	276.3	328.7	380.1	407.2
-35°	107.1	118.0	128.9	140.8	156.0	178.6	210.7	248.3	293.7	344.4	384.8
-37.5°	98.2	108.1	118.7	128.8	142.4	165.7	191.6	224.8	262.7	302.8	346.9
-40°	89.2	97.7	107.6	117.4	132.7	153.4	176.9	202.9	234.4	266.1	300.8
-42.5°	79.9	87.6	95.9	106.7	124.0	142.6	161.8	185.0	207.3	231.9	260.5
-45°	70.4	77.4	83.9	97.8	115.1	132.0	150.0	167.3	184.9	202.5	224.6
-47.5°	61.4	67.4	73.4	88.4	105.2	121.8	138.0	152.4	164.9	179.8	193.7
-50°	53.1	58.5	65.6	79.5	94.4	110.5	126.2	137.5	148.8	160.0	172.0
-52.5°	45.9	50.2	59.1	70.6	84.0	98.2	112.1	123.3	133.3	142.8	153.5
-55°	39.1	43.8	52.3	62.3	73.8	86.5	96.9	107.7	118.4	127.1	136.5
-57.5°	33.2	38.4	45.9	54.0	64.0	74.7	83.5	91.4	100.7	110.4	121.0
-60°	27.7	33.1	39.8	46.7	54.0	63.3	71.1	78.4	85.2	92.0	102.5
-62.5°	22.6	28.0	33.9	40.1	46.4	53.1	60.9	67.5	72.4	78.4	85.4
-65°	18.3	22.8	28.0	33.5	39.2	45.4	51.8	58.3	64.1	67.1	70.5
-67.5°	14.1	18.1	22.3	26.7	31.7	36.9	43.1	49.0	54.5	56.8	58.9
-70°	11.0	13.4	16.8	20.6	24.1	27.3	31.8	37.2	42.6	45.4	47.0
-72.5°	7.9	10.0	12.1	14.5	17.3	19.6	21.9	24.1	27.6	31.5	34.4
-75°	5.8	6.5	8.1	10.0	11.6	13.0	14.2	16.0	18.2	20.6	22.9
-77.5°	4.3	4.9	5.5	6.1	6.8	8.1	9.2	10.2	11.3	12.6	14.0
-80°	3.2	3.3	3.8	4.2	4.7	5.2	5.6	6.0	6.4	7.0	7.9
-82.5°	3.1	2.9	2.8	2.9	3.0	3.2	3.4	3.7	4.0	4.3	4.5
-85°	2.7	2.5	2.2	1.9	2.0	2.2	2.3	2.4	2.5	2.6	2.6
-87.5°	1.3	1.3	1.1	1.0	1.0	1.1	1.1	1.2	1.3	1.3	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



REPORT NUMBER: P559025 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-935-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°	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7
85°	2.7	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2	3.2	3.3
82.5°	4.8	5.0	5.3	5.5	5.7	5.8	6.0	6.1	6.3	6.4	6.4
80°	8.8	9.5	10.1	10.5	10.8	12.0	13.4	14.9	16.5	17.1	17.5
77.5°	15.8	16.9	17.7	18.2	18.6	21.2	24.5	28.0	31.6	33.4	35.0
75°	25.1	26.5	27.4	28.1	28.5	32.4	38.3	44.5	50.9	54.2	56.6
72.5°	36.4	37.6	38.4	39.2	39.7	45.6	56.2	67.8	80.0	87.5	92.9
70°	48.5	49.8	50.9	51.8	52.4	59.5	74.9	91.0	107.6	124.3	142.0
67.5°	61.3	64.0	65.5	66.3	67.2	73.2	89.6	104.7	118.8	148.9	196.3
65°	75.3	81.7	84.3	85.8	86.4	89.2	103.2	115.8	127.2	150.7	186.9
62.5°	93.1	101.5	105.4	107.1	108.2	108.3	119.8	130.4	140.2	154.8	177.8
60°	112.3	121.4	126.2	127.5	128.4	128.7	137.9	148.4	158.1	170.0	191.5
57.5°	129.9	138.4	145.5	148.3	150.5	152.1	160.1	172.4	184.0	195.9	219.0
55°	146.7	157.0	166.9	172.3	177.3	181.8	189.8	205.3	220.2	234.1	258.1
52.5°	165.0	178.2	191.3	201.2	210.8	219.2	227.8	247.9	267.7	286.3	309.6
50°	186.9	203.2	222.3	238.4	252.2	265.8	278.0	301.8	328.6	354.1	378.6
47.5°	214.6	236.1	260.5	283.4	302.2	323.3	342.4	366.9	390.6	414.3	434.5
45°	248.5	278.5	306.6	337.0	363.7	377.6	388.7	404.0	428.4	451.6	470.6
42.5°	292.1	326.8	361.5	384.1	401.2	412.6	420.7	428.7	454.2	476.7	495.0
40°	340.5	375.3	396.7	415.3	427.2	437.3	449.9	462.3	482.4	505.4	525.8
37.5°	382.4	404.8	423.6	438.1	452.5	465.9	484.1	502.0	521.1	547.0	565.9
35°	408.3	427.9	447.0	465.3	483.7	504.3	527.0	553.4	576.8	555.5	524.8
32.5°	428.0	448.1	471.2	499.4	524.7	552.9	581.4	535.6	488.6	470.2	474.0
30°	445.1	468.5	500.3	537.1	572.3	559.7	497.1	475.2	481.7	494.6	519.4
27.5°	463.5	492.7	531.3	576.6	548.8	479.5	483.1	495.8	538.8	575.2	630.5
25°	485.2	520.5	568.4	547.5	484.0	490.5	522.6	571.1	652.9	729.2	795.9
22.5°	511.4	556.4	562.7	484.1	492.6	534.6	599.8	704.8	804.2	896.4	965.2
20°	538.0	589.9	510.1	493.5	530.4	605.4	726.5	847.0	957.9	1040.4	1109.2
17.5°	569.9	551.6	495.1	512.8	587.5	717.0	853.3	981.1	1085.6	1228.2	1349.5
15°	597.8	514.7	504.2	562.6	674.9	820.6	968.7	1083.4	1272.4	1476.7	1683.3
12.5°	581.8	501.6	520.5	606.9	754.5	912.0	1042.9	1224.6	1474.6	1773.0	2221.3
10°	558.1	509.0	555.0	668.2	822.6	976.1	1112.1	1350.3	1680.2	2228.2	2934.1
7.5°	539.8	512.1	577.9	715.2	873.3	1014.8	1196.1	1484.9	1944.8	2696.5	4199.6
5°	525.9	512.0	588.4	742.4	903.4	1041.6	1247.9	1582.8	2204.0	3275.1	5843.5
2.5°	519.8	509.4	591.3	757.1	918.1	1056.5	1280.1	1653.1	2367.7	3812.6	7684.0
0°	523.9	504.0	590.2	762.6	926.7	1054.4	1284.8	1674.4	2417.1	4011.1	7930.9
-2.5°	519.8	509.4	591.3	757.1	918.1	1056.5	1280.1	1653.1	2367.7	3812.6	7684.0
-5°	525.9	512.0	588.4	742.4	903.4	1041.6	1247.9	1582.8	2204.0	3275.1	5843.5
-7.5°	539.8	512.1	577.9	715.2	873.3	1014.8	1196.1	1484.9	1944.8	2696.5	4199.6
-10°	558.1	509.0	555.0	668.2	822.6	976.1	1112.1	1350.3	1680.2	2228.2	2934.1
-12.5°	581.8	501.6	520.5	606.9	754.5	912.0	1042.9	1224.6	1474.6	1773.0	2221.3
-15°	597.8	514.7	504.2	562.6	674.9	820.6	968.7	1083.4	1272.4	1476.7	1683.3
-17.5°	569.9	551.6	495.1	512.8	587.5	717.0	853.3	981.1	1085.6	1228.2	1349.5
-20°	538.0	589.9	510.1	493.5	530.4	605.4	726.5	847.0	957.9	1040.4	1109.2



REPORT NUMBER: P559025 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	511.4	556.4	562.7	484.1	492.6	534.6	599.8	704.8	804.2	896.4	965.2
-25°	485.2	520.5	568.4	547.5	484.0	490.5	522.6	571.1	652.9	729.2	795.9
-27.5°	463.5	492.7	531.3	576.6	548.8	479.5	483.1	495.8	538.8	575.2	630.5
-30°	445.1	468.5	500.3	537.1	572.3	559.7	497.1	475.2	481.7	494.6	519.4
-32.5°	428.0	448.1	471.2	499.4	524.7	552.9	581.4	535.6	488.6	470.2	474.0
-35°	408.3	427.9	447.0	465.3	483.7	504.3	527.0	553.4	576.8	555.5	524.8
-37.5°	382.4	404.8	423.6	438.1	452.5	465.9	484.1	502.0	521.1	547.0	565.9
-40°	340.5	375.3	396.7	415.3	427.2	437.3	449.9	462.3	482.4	505.4	525.8
-42.5°	292.1	326.8	361.5	384.1	401.2	412.6	420.7	428.7	454.2	476.7	495.0
-45°	248.5	278.5	306.6	337.0	363.7	377.6	388.7	404.0	428.4	451.6	470.6
-47.5°	214.6	236.1	260.5	283.4	302.2	323.3	342.4	366.9	390.6	414.3	434.5
-50°	186.9	203.2	222.3	238.4	252.2	265.8	278.0	301.8	328.6	354.1	378.6
-52.5°	165.0	178.2	191.3	201.2	210.8	219.2	227.8	247.9	267.7	286.3	309.6
-55°	146.7	157.0	166.9	172.3	177.3	181.8	189.8	205.3	220.2	234.1	258.1
-57.5°	129.9	138.4	145.5	148.3	150.5	152.1	160.1	172.4	184.0	195.9	219.0
-60°	112.3	121.4	126.2	127.5	128.4	128.7	137.9	148.4	158.1	170.0	191.5
-62.5°	93.1	101.5	105.4	107.1	108.2	108.3	119.8	130.4	140.2	154.8	177.8
-65°	75.3	81.7	84.3	85.8	86.4	89.2	103.2	115.8	127.2	150.7	186.9
-67.5°	61.3	64.0	65.5	66.3	67.2	73.2	89.6	104.7	118.8	148.9	196.3
-70°	48.5	49.8	50.9	51.8	52.4	59.5	74.9	91.0	107.6	124.3	142.0
-72.5°	36.4	37.6	38.4	39.2	39.7	45.6	56.2	67.8	80.0	87.5	92.9
-75°	25.1	26.5	27.4	28.1	28.5	32.4	38.3	44.5	50.9	54.2	56.6
-77.5°	15.8	16.9	17.7	18.2	18.6	21.2	24.5	28.0	31.6	33.4	35.0
-80°	8.8	9.5	10.1	10.5	10.8	12.0	13.4	14.9	16.5	17.1	17.5
-82.5°	4.8	5.0	5.3	5.5	5.7	5.8	6.0	6.1	6.3	6.4	6.4
-85°	2.7	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2	3.2	3.3
-87.5°	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7
-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: P559025 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-935-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°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6
85°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2
82.5°	6.5	6.6	6.6	6.6	6.6	6.6	6.5	6.4	6.4	6.3	6.1
80°	17.8	18.0	17.4	16.6	17.4	18.0	17.8	17.5	17.1	16.5	14.9
77.5°	36.4	37.7	36.4	34.8	36.4	37.7	36.4	35.0	33.4	31.6	28.0
75°	58.8	60.7	59.6	58.0	59.6	60.7	58.8	56.6	54.2	50.9	44.5
72.5°	98.1	102.9	101.8	99.5	101.8	102.9	98.1	92.9	87.5	80.0	67.8
70°	160.6	179.5	178.8	174.1	178.8	179.5	160.6	142.0	124.3	107.6	91.0
67.5°	247.7	301.1	318.1	326.6	318.1	301.1	247.7	196.3	148.9	118.8	104.7
65°	220.6	252.9	265.7	275.2	265.7	252.9	220.6	186.9	150.7	127.2	115.8
62.5°	198.5	217.6	221.7	222.1	221.7	217.6	198.5	177.8	154.8	140.2	130.4
60°	212.3	232.7	235.7	232.1	235.7	232.7	212.3	191.5	170.0	158.1	148.4
57.5°	241.2	262.5	266.4	261.9	266.4	262.5	241.2	219.0	195.9	184.0	172.4
55°	281.1	302.6	309.8	308.4	309.8	302.6	281.1	258.1	234.1	220.2	205.3
52.5°	331.9	351.8	359.9	359.7	359.9	351.8	331.9	309.6	286.3	267.7	247.9
50°	399.9	417.7	426.5	427.7	426.5	417.7	399.9	378.6	354.1	328.6	301.8
47.5°	449.0	460.6	466.7	467.5	466.7	460.6	449.0	434.5	414.3	390.6	366.9
45°	479.0	485.3	490.0	494.0	490.0	485.3	479.0	470.6	451.6	428.4	404.0
42.5°	507.2	520.3	530.0	532.2	530.0	520.3	507.2	495.0	476.7	454.2	428.7
40°	545.1	563.1	580.4	598.5	580.4	563.1	545.1	525.8	505.4	482.4	462.3
37.5°	585.6	605.6	622.3	631.6	622.3	605.6	585.6	565.9	547.0	521.1	502.0
35°	503.2	490.0	482.1	479.1	482.1	490.0	503.2	524.8	555.5	576.8	553.4
32.5°	476.2	477.2	475.6	472.5	475.6	477.2	476.2	474.0	470.2	488.6	535.6
30°	537.8	546.5	547.6	547.1	547.6	546.5	537.8	519.4	494.6	481.7	475.2
27.5°	671.4	693.8	700.7	714.5	700.7	693.8	671.4	630.5	575.2	538.8	495.8
25°	847.5	881.3	897.6	903.5	897.6	881.3	847.5	795.9	729.2	652.9	571.1
22.5°	1004.1	1029.9	1044.9	1057.7	1044.9	1029.9	1004.1	965.2	896.4	804.2	704.8
20°	1189.6	1236.7	1258.3	1259.9	1258.3	1236.7	1189.6	1109.2	1040.4	957.9	847.0
17.5°	1479.2	1571.0	1616.7	1629.6	1616.7	1571.0	1479.2	1349.5	1228.2	1085.6	981.1
15°	1936.2	2170.2	2290.6	2347.5	2290.6	2170.2	1936.2	1683.3	1476.7	1272.4	1083.4
12.5°	2681.6	3209.2	3635.8	3796.4	3635.8	3209.2	2681.6	2221.3	1773.0	1474.6	1224.6
10°	4158.6	5734.0	7574.6	8433.2	7574.6	5734.0	4158.6	2934.1	2228.2	1680.2	1350.3
7.5°	8045.2	18679.4	36203.9	44563.4	36203.9	18679.4	8045.2	4199.6	2696.5	1944.8	1484.9
5°	17148.6	74007.6	132538.4	155677.7	132538.4	74007.6	17148.6	5843.5	3275.1	2204.0	1582.8
2.5°	27313.9	121382.2	229028.7	267801.6	229028.7	121382.2	27313.9	7684.0	3812.6	2367.7	1653.1
0°	32634.7	127914.5	252728.0	291415.4	252728.0	127914.5	32634.7	7930.9	4011.1	2417.1	1674.4
-2.5°	27313.9	121382.2	229028.7	267801.6	229028.7	121382.2	27313.9	7684.0	3812.6	2367.7	1653.1
-5°	17148.6	74007.6	132538.4	155677.7	132538.4	74007.6	17148.6	5843.5	3275.1	2204.0	1582.8
-7.5°	8045.2	18679.4	36203.9	44563.4	36203.9	18679.4	8045.2	4199.6	2696.5	1944.8	1484.9
-10°	4158.6	5734.0	7574.6	8433.2	7574.6	5734.0	4158.6	2934.1	2228.2	1680.2	1350.3
-12.5°	2681.6	3209.2	3635.8	3796.4	3635.8	3209.2	2681.6	2221.3	1773.0	1474.6	1224.6
-15°	1936.2	2170.2	2290.6	2347.5	2290.6	2170.2	1936.2	1683.3	1476.7	1272.4	1083.4
-17.5°	1479.2	1571.0	1616.7	1629.6	1616.7	1571.0	1479.2	1349.5	1228.2	1085.6	981.1
-20°	1189.6	1236.7	1258.3	1259.9	1258.3	1236.7	1189.6	1109.2	1040.4	957.9	847.0



REPORT NUMBER: P559025 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-935-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°	1004.1	1029.9	1044.9	1057.7	1044.9	1029.9	1004.1	965.2	896.4	804.2	704.8
-25°	847.5	881.3	897.6	903.5	897.6	881.3	847.5	795.9	729.2	652.9	571.1
-27.5°	671.4	693.8	700.7	714.5	700.7	693.8	671.4	630.5	575.2	538.8	495.8
-30°	537.8	546.5	547.6	547.1	547.6	546.5	537.8	519.4	494.6	481.7	475.2
-32.5°	476.2	477.2	475.6	472.5	475.6	477.2	476.2	474.0	470.2	488.6	535.6
-35°	503.2	490.0	482.1	479.1	482.1	490.0	503.2	524.8	555.5	576.8	553.4
-37.5°	585.6	605.6	622.3	631.6	622.3	605.6	585.6	565.9	547.0	521.1	502.0
-40°	545.1	563.1	580.4	598.5	580.4	563.1	545.1	525.8	505.4	482.4	462.3
-42.5°	507.2	520.3	530.0	532.2	530.0	520.3	507.2	495.0	476.7	454.2	428.7
-45°	479.0	485.3	490.0	494.0	490.0	485.3	479.0	470.6	451.6	428.4	404.0
-47.5°	449.0	460.6	466.7	467.5	466.7	460.6	449.0	434.5	414.3	390.6	366.9
-50°	399.9	417.7	426.5	427.7	426.5	417.7	399.9	378.6	354.1	328.6	301.8
-52.5°	331.9	351.8	359.9	359.7	359.9	351.8	331.9	309.6	286.3	267.7	247.9
-55°	281.1	302.6	309.8	308.4	309.8	302.6	281.1	258.1	234.1	220.2	205.3
-57.5°	241.2	262.5	266.4	261.9	266.4	262.5	241.2	219.0	195.9	184.0	172.4
-60°	212.3	232.7	235.7	232.1	235.7	232.7	212.3	191.5	170.0	158.1	148.4
-62.5°	198.5	217.6	221.7	222.1	221.7	217.6	198.5	177.8	154.8	140.2	130.4
-65°	220.6	252.9	265.7	275.2	265.7	252.9	220.6	186.9	150.7	127.2	115.8
-67.5°	247.7	301.1	318.1	326.6	318.1	301.1	247.7	196.3	148.9	118.8	104.7
-70°	160.6	179.5	178.8	174.1	178.8	179.5	160.6	142.0	124.3	107.6	91.0
-72.5°	98.1	102.9	101.8	99.5	101.8	102.9	98.1	92.9	87.5	80.0	67.8
-75°	58.8	60.7	59.6	58.0	59.6	60.7	58.8	56.6	54.2	50.9	44.5
-77.5°	36.4	37.7	36.4	34.8	36.4	37.7	36.4	35.0	33.4	31.6	28.0
-80°	17.8	18.0	17.4	16.6	17.4	18.0	17.8	17.5	17.1	16.5	14.9
-82.5°	6.5	6.6	6.6	6.6	6.6	6.6	6.5	6.4	6.4	6.3	6.1
-85°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2
-87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6
-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: P559025 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-935-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°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2
85°	3.1	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.6	2.5	2.4
82.5°	6.0	5.8	5.7	5.5	5.3	5.0	4.8	4.5	4.3	4.0	3.7
80°	13.4	12.0	10.8	10.5	10.1	9.5	8.8	7.9	7.0	6.4	6.0
77.5°	24.5	21.2	18.6	18.2	17.7	16.9	15.8	14.0	12.6	11.3	10.2
75°	38.3	32.4	28.5	28.1	27.4	26.5	25.1	22.9	20.6	18.2	16.0
72.5°	56.2	45.6	39.7	39.2	38.4	37.6	36.4	34.4	31.5	27.6	24.1
70°	74.9	59.5	52.4	51.8	50.9	49.8	48.5	47.0	45.4	42.6	37.2
67.5°	89.6	73.2	67.2	66.3	65.5	64.0	61.3	58.9	56.8	54.5	49.0
65°	103.2	89.2	86.4	85.8	84.3	81.7	75.3	70.5	67.1	64.1	58.3
62.5°	119.8	108.3	108.2	107.1	105.4	101.5	93.1	85.4	78.4	72.4	67.5
60°	137.9	128.7	128.4	127.5	126.2	121.4	112.3	102.5	92.0	85.2	78.4
57.5°	160.1	152.1	150.5	148.3	145.5	138.4	129.9	121.0	110.4	100.7	91.4
55°	189.8	181.8	177.3	172.3	166.9	157.0	146.7	136.5	127.1	118.4	107.7
52.5°	227.8	219.2	210.8	201.2	191.3	178.2	165.0	153.5	142.8	133.3	123.3
50°	278.0	265.8	252.2	238.4	222.3	203.2	186.9	172.0	160.0	148.8	137.5
47.5°	342.4	323.3	302.2	283.4	260.5	236.1	214.6	193.7	179.8	164.9	152.4
45°	388.7	377.6	363.7	337.0	306.6	278.5	248.5	224.6	202.5	184.9	167.3
42.5°	420.7	412.6	401.2	384.1	361.5	326.8	292.1	260.5	231.9	207.3	185.0
40°	449.9	437.3	427.2	415.3	396.7	375.3	340.5	300.8	266.1	234.4	202.9
37.5°	484.1	465.9	452.5	438.1	423.6	404.8	382.4	346.9	302.8	262.7	224.8
35°	527.0	504.3	483.7	465.3	447.0	427.9	408.3	384.8	344.4	293.7	248.3
32.5°	581.4	552.9	524.7	499.4	471.2	448.1	428.0	407.2	380.1	328.7	276.3
30°	497.1	559.7	572.3	537.1	500.3	468.5	445.1	424.4	399.3	364.1	304.6
27.5°	483.1	479.5	548.8	576.6	531.3	492.7	463.5	439.4	417.0	386.1	336.8
25°	522.6	490.5	484.0	547.5	568.4	520.5	485.2	456.5	430.4	404.4	375.1
22.5°	599.8	534.6	492.6	484.1	562.7	556.4	511.4	474.4	446.1	429.5	401.6
20°	726.5	605.4	530.4	493.5	510.1	589.9	538.0	498.7	472.7	452.8	426.2
17.5°	853.3	717.0	587.5	512.8	495.1	551.6	569.9	528.1	495.8	476.6	450.7
15°	968.7	820.6	674.9	562.6	504.2	514.7	597.8	555.2	517.6	498.6	470.8
12.5°	1042.9	912.0	754.5	606.9	520.5	501.6	581.8	579.4	540.5	511.6	483.7
10°	1112.1	976.1	822.6	668.2	555.0	509.0	558.1	599.3	558.8	522.0	494.2
7.5°	1196.1	1014.8	873.3	715.2	577.9	512.1	539.8	617.4	575.5	532.5	502.3
5°	1247.9	1041.6	903.4	742.4	588.4	512.0	525.9	633.5	590.4	542.6	508.4
2.5°	1280.1	1056.5	918.1	757.1	591.3	509.4	519.8	648.3	605.1	548.4	510.0
0°	1284.8	1054.4	926.7	762.6	590.2	504.0	523.9	661.5	618.4	552.0	510.6
-2.5°	1280.1	1056.5	918.1	757.1	591.3	509.4	519.8	648.3	605.1	548.4	510.0
-5°	1247.9	1041.6	903.4	742.4	588.4	512.0	525.9	633.5	590.4	542.6	508.4
-7.5°	1196.1	1014.8	873.3	715.2	577.9	512.1	539.8	617.4	575.5	532.5	502.3
-10°	1112.1	976.1	822.6	668.2	555.0	509.0	558.1	599.3	558.8	522.0	494.2
-12.5°	1042.9	912.0	754.5	606.9	520.5	501.6	581.8	579.4	540.5	511.6	483.7
-15°	968.7	820.6	674.9	562.6	504.2	514.7	597.8	555.2	517.6	498.6	470.8
-17.5°	853.3	717.0	587.5	512.8	495.1	551.6	569.9	528.1	495.8	476.6	450.7
-20°	726.5	605.4	530.4	493.5	510.1	589.9	538.0	498.7	472.7	452.8	426.2



REPORT NUMBER: P559025 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	599.8	534.6	492.6	484.1	562.7	556.4	511.4	474.4	446.1	429.5	401.6
-25°	522.6	490.5	484.0	547.5	568.4	520.5	485.2	456.5	430.4	404.4	375.1
-27.5°	483.1	479.5	548.8	576.6	531.3	492.7	463.5	439.4	417.0	386.1	336.8
-30°	497.1	559.7	572.3	537.1	500.3	468.5	445.1	424.4	399.3	364.1	304.6
-32.5°	581.4	552.9	524.7	499.4	471.2	448.1	428.0	407.2	380.1	328.7	276.3
-35°	527.0	504.3	483.7	465.3	447.0	427.9	408.3	384.8	344.4	293.7	248.3
-37.5°	484.1	465.9	452.5	438.1	423.6	404.8	382.4	346.9	302.8	262.7	224.8
-40°	449.9	437.3	427.2	415.3	396.7	375.3	340.5	300.8	266.1	234.4	202.9
-42.5°	420.7	412.6	401.2	384.1	361.5	326.8	292.1	260.5	231.9	207.3	185.0
-45°	388.7	377.6	363.7	337.0	306.6	278.5	248.5	224.6	202.5	184.9	167.3
-47.5°	342.4	323.3	302.2	283.4	260.5	236.1	214.6	193.7	179.8	164.9	152.4
-50°	278.0	265.8	252.2	238.4	222.3	203.2	186.9	172.0	160.0	148.8	137.5
-52.5°	227.8	219.2	210.8	201.2	191.3	178.2	165.0	153.5	142.8	133.3	123.3
-55°	189.8	181.8	177.3	172.3	166.9	157.0	146.7	136.5	127.1	118.4	107.7
-57.5°	160.1	152.1	150.5	148.3	145.5	138.4	129.9	121.0	110.4	100.7	91.4
-60°	137.9	128.7	128.4	127.5	126.2	121.4	112.3	102.5	92.0	85.2	78.4
-62.5°	119.8	108.3	108.2	107.1	105.4	101.5	93.1	85.4	78.4	72.4	67.5
-65°	103.2	89.2	86.4	85.8	84.3	81.7	75.3	70.5	67.1	64.1	58.3
-67.5°	89.6	73.2	67.2	66.3	65.5	64.0	61.3	58.9	56.8	54.5	49.0
-70°	74.9	59.5	52.4	51.8	50.9	49.8	48.5	47.0	45.4	42.6	37.2
-72.5°	56.2	45.6	39.7	39.2	38.4	37.6	36.4	34.4	31.5	27.6	24.1
-75°	38.3	32.4	28.5	28.1	27.4	26.5	25.1	22.9	20.6	18.2	16.0
-77.5°	24.5	21.2	18.6	18.2	17.7	16.9	15.8	14.0	12.6	11.3	10.2
-80°	13.4	12.0	10.8	10.5	10.1	9.5	8.8	7.9	7.0	6.4	6.0
-82.5°	6.0	5.8	5.7	5.5	5.3	5.0	4.8	4.5	4.3	4.0	3.7
-85°	3.1	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.6	2.5	2.4
-87.5°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	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: P559025 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-935-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°	1.1	1.1	1.0	1.0	1.1	1.3	1.3	1.4	1.3	1.1	1.0
85°	2.3	2.2	2.0	1.9	2.2	2.5	2.7	2.8	2.5	2.3	2.0
82.5°	3.4	3.2	3.0	2.9	2.8	2.9	3.1	3.3	3.3	3.3	3.0
80°	5.6	5.2	4.7	4.2	3.8	3.3	3.2	3.3	3.3	3.3	3.3
77.5°	9.2	8.1	6.8	6.1	5.5	4.9	4.3	3.6	3.3	3.3	3.3
75°	14.2	13.0	11.6	10.0	8.1	6.5	5.8	5.1	4.4	3.4	3.3
72.5°	21.9	19.6	17.3	14.5	12.1	10.0	7.9	6.5	5.8	4.9	3.7
70°	31.8	27.3	24.1	20.6	16.8	13.4	11.0	9.1	7.3	6.3	5.0
67.5°	43.1	36.9	31.7	26.7	22.3	18.1	14.1	11.9	10.0	7.8	6.4
65°	51.8	45.4	39.2	33.5	28.0	22.8	18.3	15.2	12.7	10.3	7.8
62.5°	60.9	53.1	46.4	40.1	33.9	28.0	22.6	19.5	15.7	12.8	9.8
60°	71.1	63.3	54.0	46.7	39.8	33.1	27.7	23.9	19.8	15.3	12.0
57.5°	83.5	74.7	64.0	54.0	45.9	38.4	33.2	28.9	24.0	18.9	14.3
55°	96.9	86.5	73.8	62.3	52.3	43.8	39.1	34.2	28.4	22.7	16.8
52.5°	112.1	98.2	84.0	70.6	59.1	50.2	45.9	39.7	33.5	26.6	20.5
50°	126.2	110.5	94.4	79.5	65.6	58.5	53.1	46.4	38.7	30.7	24.5
47.5°	138.0	121.8	105.2	88.4	73.4	67.4	61.4	53.4	44.0	35.5	28.6
45°	150.0	132.0	115.1	97.8	83.9	77.4	70.4	60.7	50.6	41.2	32.9
42.5°	161.8	142.6	124.0	106.7	95.9	87.6	79.9	69.2	57.4	47.1	37.7
40°	176.9	153.4	132.7	117.4	107.6	97.7	89.2	78.3	64.4	53.6	43.1
37.5°	191.6	165.7	142.4	128.8	118.7	108.1	98.2	87.6	73.3	61.1	48.5
35°	210.7	178.6	156.0	140.8	128.9	118.0	107.1	96.7	83.6	68.6	54.1
32.5°	229.0	194.8	171.6	152.9	138.5	127.5	115.8	108.1	94.2	76.2	59.7
30°	253.5	216.5	186.9	164.3	148.1	136.1	126.7	120.9	105.2	83.8	65.5
27.5°	283.8	237.8	202.6	177.1	158.2	144.6	141.2	135.1	116.6	92.1	71.8
25°	314.7	263.0	221.5	190.0	167.6	159.0	155.5	150.3	128.3	101.3	78.0
22.5°	348.7	288.6	239.8	202.3	183.6	172.8	169.2	163.2	140.7	110.6	84.1
20°	381.7	312.9	258.5	222.6	201.0	187.7	182.0	176.0	153.7	119.9	90.0
17.5°	411.8	340.1	284.8	244.7	218.6	202.3	194.4	188.5	167.0	128.9	95.8
15°	431.8	369.3	309.4	265.5	235.5	216.4	206.4	200.7	180.4	137.8	99.9
12.5°	448.8	394.8	331.5	284.8	251.6	230.2	218.0	212.7	193.9	143.5	102.0
10°	463.0	416.8	351.3	302.7	267.0	243.6	229.3	221.2	199.0	146.5	103.9
7.5°	474.7	435.4	368.9	319.2	279.6	250.3	231.0	222.7	202.2	148.6	105.5
5°	482.9	446.4	377.2	323.4	280.6	249.8	231.0	224.0	204.3	150.1	106.7
2.5°	484.1	447.5	379.3	324.8	280.8	248.7	230.8	224.9	205.4	150.8	107.5
0°	484.1	445.9	379.6	324.9	280.2	247.0	230.4	225.5	205.6	150.9	107.8
-2.5°	484.1	447.5	379.3	324.8	280.8	248.7	230.8	224.9	205.4	150.8	107.5
-5°	482.9	446.4	377.2	323.4	280.6	249.8	231.0	224.0	204.3	150.1	106.7
-7.5°	474.7	435.4	368.9	319.2	279.6	250.3	231.0	222.7	202.2	148.6	105.5
-10°	463.0	416.8	351.3	302.7	267.0	243.6	229.3	221.2	199.0	146.5	103.9
-12.5°	448.8	394.8	331.5	284.8	251.6	230.2	218.0	212.7	193.9	143.5	102.0
-15°	431.8	369.3	309.4	265.5	235.5	216.4	206.4	200.7	180.4	137.8	99.9
-17.5°	411.8	340.1	284.8	244.7	218.6	202.3	194.4	188.5	167.0	128.9	95.8
-20°	381.7	312.9	258.5	222.6	201.0	187.7	182.0	176.0	153.7	119.9	90.0



REPORT NUMBER: P559025 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-935-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°	348.7	288.6	239.8	202.3	183.6	172.8	169.2	163.2	140.7	110.6	84.1
-25°	314.7	263.0	221.5	190.0	167.6	159.0	155.5	150.3	128.3	101.3	78.0
-27.5°	283.8	237.8	202.6	177.1	158.2	144.6	141.2	135.1	116.6	92.1	71.8
-30°	253.5	216.5	186.9	164.3	148.1	136.1	126.7	120.9	105.2	83.8	65.5
-32.5°	229.0	194.8	171.6	152.9	138.5	127.5	115.8	108.1	94.2	76.2	59.7
-35°	210.7	178.6	156.0	140.8	128.9	118.0	107.1	96.7	83.6	68.6	54.1
-37.5°	191.6	165.7	142.4	128.8	118.7	108.1	98.2	87.6	73.3	61.1	48.5
-40°	176.9	153.4	132.7	117.4	107.6	97.7	89.2	78.3	64.4	53.6	43.1
-42.5°	161.8	142.6	124.0	106.7	95.9	87.6	79.9	69.2	57.4	47.1	37.7
-45°	150.0	132.0	115.1	97.8	83.9	77.4	70.4	60.7	50.6	41.2	32.9
-47.5°	138.0	121.8	105.2	88.4	73.4	67.4	61.4	53.4	44.0	35.5	28.6
-50°	126.2	110.5	94.4	79.5	65.6	58.5	53.1	46.4	38.7	30.7	24.5
-52.5°	112.1	98.2	84.0	70.6	59.1	50.2	45.9	39.7	33.5	26.6	20.5
-55°	96.9	86.5	73.8	62.3	52.3	43.8	39.1	34.2	28.4	22.7	16.8
-57.5°	83.5	74.7	64.0	54.0	45.9	38.4	33.2	28.9	24.0	18.9	14.3
-60°	71.1	63.3	54.0	46.7	39.8	33.1	27.7	23.9	19.8	15.3	12.0
-62.5°	60.9	53.1	46.4	40.1	33.9	28.0	22.6	19.5	15.7	12.8	9.8
-65°	51.8	45.4	39.2	33.5	28.0	22.8	18.3	15.2	12.7	10.3	7.8
-67.5°	43.1	36.9	31.7	26.7	22.3	18.1	14.1	11.9	10.0	7.8	6.4
-70°	31.8	27.3	24.1	20.6	16.8	13.4	11.0	9.1	7.3	6.3	5.0
-72.5°	21.9	19.6	17.3	14.5	12.1	10.0	7.9	6.5	5.8	4.9	3.7
-75°	14.2	13.0	11.6	10.0	8.1	6.5	5.8	5.1	4.4	3.4	3.3
-77.5°	9.2	8.1	6.8	6.1	5.5	4.9	4.3	3.6	3.3	3.3	3.3
-80°	5.6	5.2	4.7	4.2	3.8	3.3	3.2	3.3	3.3	3.3	3.3
-82.5°	3.4	3.2	3.0	2.9	2.8	2.9	3.1	3.3	3.3	3.3	3.0
-85°	2.3	2.2	2.0	1.9	2.2	2.5	2.7	2.8	2.5	2.3	2.0
-87.5°	1.1	1.1	1.0	1.0	1.1	1.3	1.3	1.4	1.3	1.1	1.0
-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°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
85°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
82.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0
80°	3.3	2.8	2.3	1.7	1.1	0.6	0.0
77.5°	3.3	3.3	2.8	2.1	1.4	0.7	0.0
75°	3.3	3.3	3.3	2.6	1.7	0.9	0.0
72.5°	3.3	3.3	3.3	3.0	2.0	1.0	0.0
70°	3.5	3.3	3.3	3.3	2.3	1.1	0.0
67.5°	4.7	3.3	3.3	3.3	2.5	1.3	0.0
65°	6.0	3.9	3.3	3.3	2.8	1.4	0.0
62.5°	7.2	5.0	3.3	3.3	3.0	1.5	0.0
60°	8.5	6.0	3.3	3.3	3.3	1.6	0.0
57.5°	10.6	7.1	4.2	3.3	3.3	1.8	0.0
55°	12.9	8.2	5.0	3.3	3.3	1.9	0.0
52.5°	15.2	9.4	5.9	3.3	3.4	2.0	0.0
50°	17.6	11.5	6.8	3.3	3.4	2.1	0.0
47.5°	20.3	13.6	7.6	3.5	3.5	2.2	0.0
45°	24.0	15.7	8.4	4.1	3.5	2.3	0.0
42.5°	27.7	17.8	9.2	4.7	3.6	2.4	0.0
40°	31.5	20.0	10.5	5.3	3.6	2.5	0.0
37.5°	35.4	22.1	12.1	5.8	3.7	2.6	0.0
35°	39.2	24.8	13.7	6.3	3.8	2.7	0.0
32.5°	43.3	27.8	15.3	6.8	3.8	2.8	0.0
30°	47.8	30.8	16.8	7.2	3.9	2.9	0.0
27.5°	52.3	33.8	17.8	7.5	4.0	2.9	0.0
25°	56.7	36.6	18.5	7.8	4.1	3.0	0.0
22.5°	61.1	38.9	19.1	8.0	4.2	3.0	0.0
20°	65.3	39.7	19.6	8.2	4.3	3.1	0.0
17.5°	67.5	40.2	19.8	8.4	4.4	3.1	0.0
15°	68.3	40.4	20.0	8.5	4.5	3.2	0.0
12.5°	68.8	40.3	20.0	8.5	4.6	3.2	0.0
10°	68.9	40.0	19.8	8.5	4.7	3.2	0.0
7.5°	68.8	39.5	19.6	8.5	4.8	3.3	0.0
5°	68.3	38.7	19.2	8.5	4.8	3.3	0.0
2.5°	67.5	37.7	18.8	8.4	4.9	3.3	0.0
0°	66.3	36.5	18.2	8.3	5.0	3.3	0.0
-2.5°	67.5	37.7	18.8	8.4	4.9	3.3	0.0
-5°	68.3	38.7	19.2	8.5	4.8	3.3	0.0
-7.5°	68.8	39.5	19.6	8.5	4.8	3.3	0.0
-10°	68.9	40.0	19.8	8.5	4.7	3.2	0.0
-12.5°	68.8	40.3	20.0	8.5	4.6	3.2	0.0
-15°	68.3	40.4	20.0	8.5	4.5	3.2	0.0
-17.5°	67.5	40.2	19.8	8.4	4.4	3.1	0.0
-20°	65.3	39.7	19.6	8.2	4.3	3.1	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	61.1	38.9	19.1	8.0	4.2	3.0	0.0
-25°	56.7	36.6	18.5	7.8	4.1	3.0	0.0
-27.5°	52.3	33.8	17.8	7.5	4.0	2.9	0.0
-30°	47.8	30.8	16.8	7.2	3.9	2.9	0.0
-32.5°	43.3	27.8	15.3	6.8	3.8	2.8	0.0
-35°	39.2	24.8	13.7	6.3	3.8	2.7	0.0
-37.5°	35.4	22.1	12.1	5.8	3.7	2.6	0.0
-40°	31.5	20.0	10.5	5.3	3.6	2.5	0.0
-42.5°	27.7	17.8	9.2	4.7	3.6	2.4	0.0
-45°	24.0	15.7	8.4	4.1	3.5	2.3	0.0
-47.5°	20.3	13.6	7.6	3.5	3.5	2.2	0.0
-50°	17.6	11.5	6.8	3.3	3.4	2.1	0.0
-52.5°	15.2	9.4	5.9	3.3	3.4	2.0	0.0
-55°	12.9	8.2	5.0	3.3	3.3	1.9	0.0
-57.5°	10.6	7.1	4.2	3.3	3.3	1.8	0.0
-60°	8.5	6.0	3.3	3.3	3.3	1.6	0.0
-62.5°	7.2	5.0	3.3	3.3	3.0	1.5	0.0
-65°	6.0	3.9	3.3	3.3	2.8	1.4	0.0
-67.5°	4.7	3.3	3.3	3.3	2.5	1.3	0.0
-70°	3.5	3.3	3.3	3.3	2.3	1.1	0.0
-72.5°	3.3	3.3	3.3	3.0	2.0	1.0	0.0
-75°	3.3	3.3	3.3	2.6	1.7	0.9	0.0
-77.5°	3.3	3.3	2.8	2.1	1.4	0.7	0.0
-80°	3.3	2.8	2.3	1.7	1.1	0.6	0.0
-82.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0
-85°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
-87.5°	0.9	0.7	0.6	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)