

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: P558889 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-930-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558889 (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-SA4B-930-U-TSB-XX
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, TIGHT SPOT BAFFLE N1
Light Source: (64) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

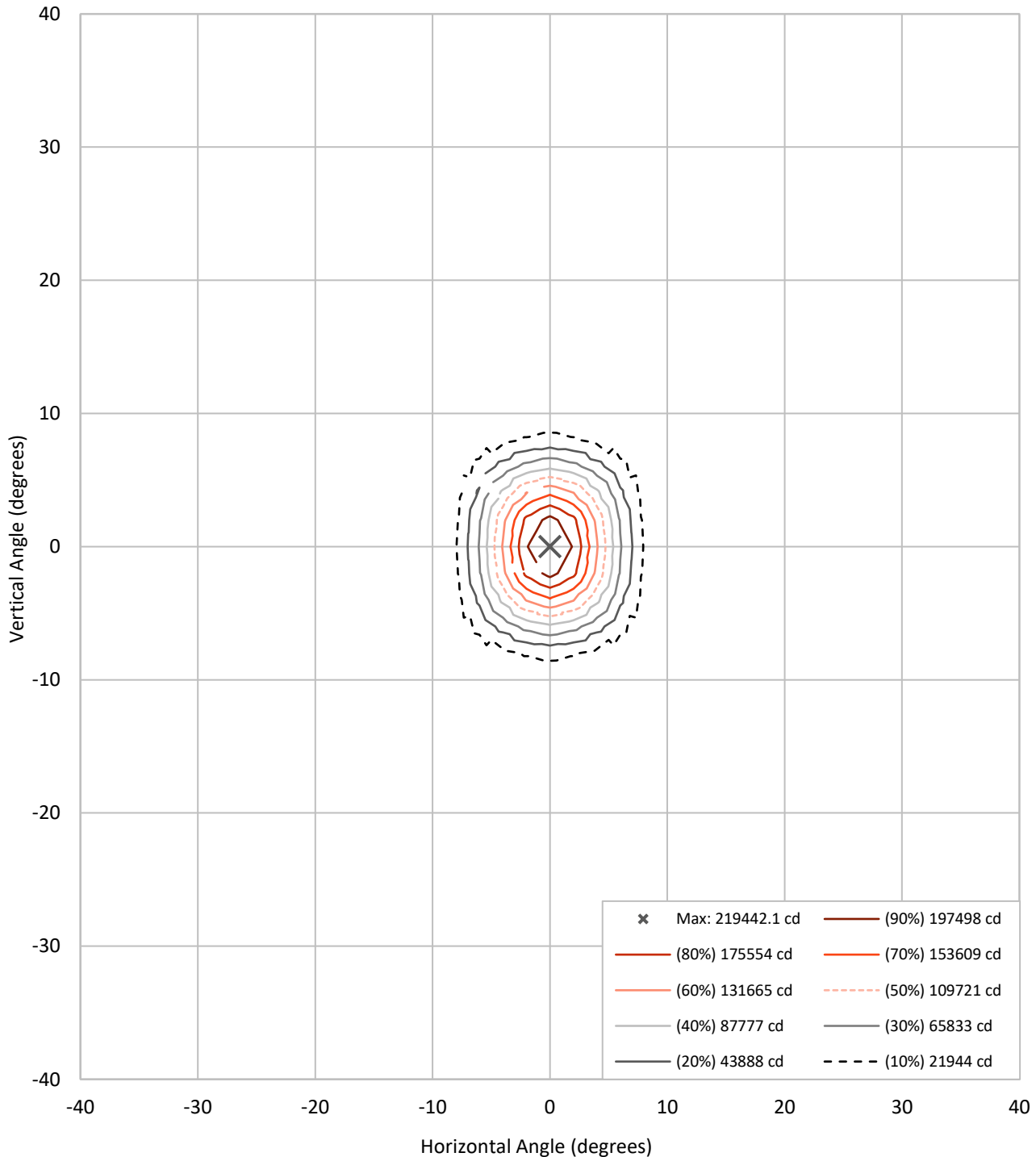
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	8545.5 lumens	Max Intensity:	219442.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	67.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	3662.8 lumens	Field Lumens:	6312.7 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 126
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: P558889 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





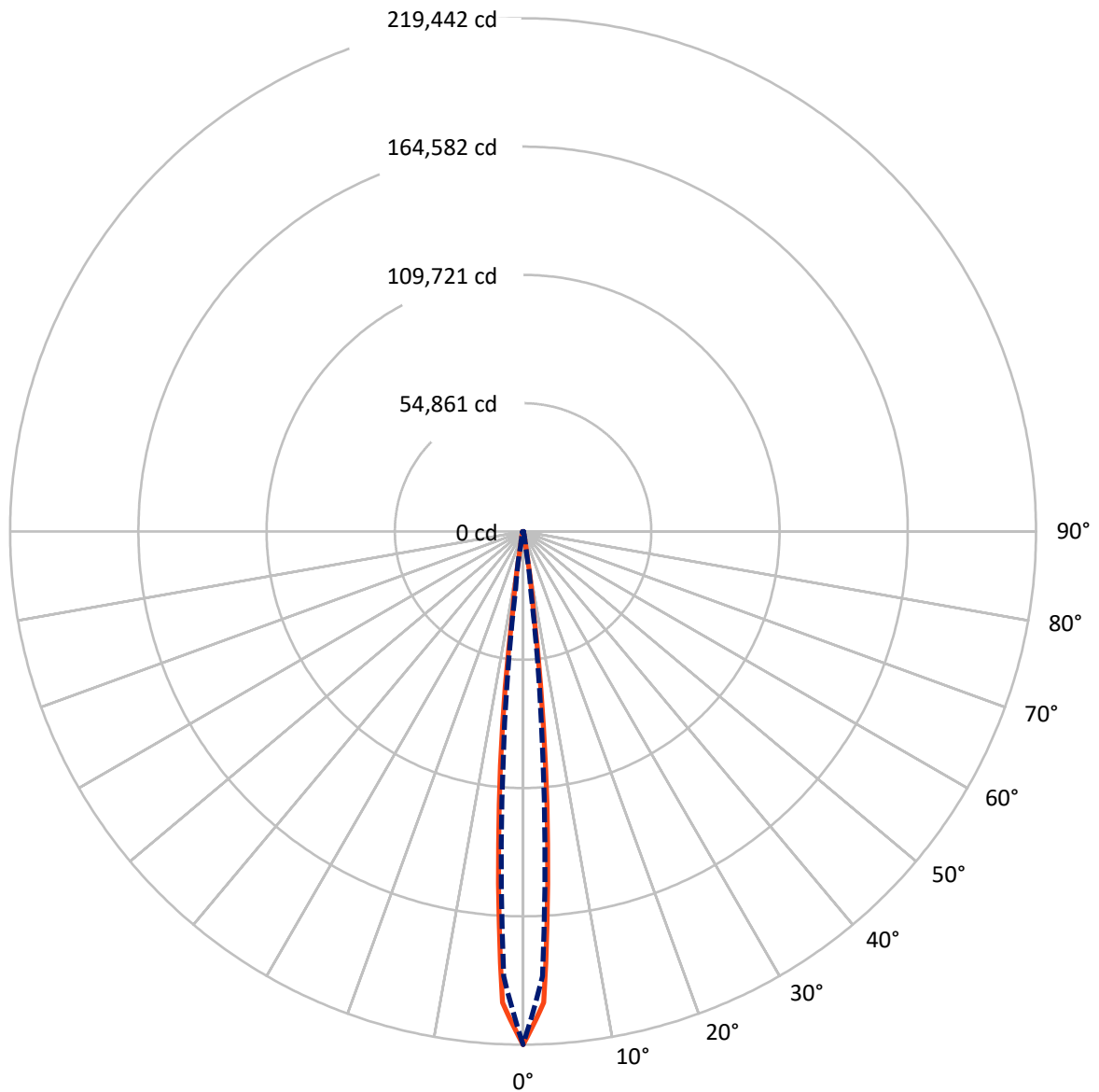
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Lumen Table

90	0.0	0.2	0.9	2.1	3.5	2.1	0.9	0.2	0.0							
80	0.0	0.2	0.9	2.1	3.5	2.1	0.9	0.2	0.0							
70	0.1	0.2	0.4	0.9	1.5	1.9	3.0	5.3	5.3	3.0	1.9	1.5	0.9	0.4	0.2	0.1
60		0.3	0.8	1.7	2.8	3.8	5.1	6.9	6.9	5.1	3.8	2.8	1.7	0.8	0.3	
50	0.4	0.6	1.3	2.8	4.8	7.3	9.3	11.1	11.1	9.3	7.3	4.8	2.8	1.3	0.6	0.4
40		0.9	1.9	4.2	7.5	10.1	11.4	12.1	12.1	11.4	10.1	7.5	4.2	1.9	0.9	
30	0.9	1.4	2.6	5.9	9.2	11.0	15.0	19.7	19.7	15.0	11.0	9.2	5.9	2.6	1.4	0.9
20		1.9	3.6	7.4	10.2	14.5	29.4	58.7	58.7	29.4	14.5	10.2	7.4	3.6	1.9	
10	1.0	2.1	4.4	8.3	10.6	18.6	58.1	1716.9	1716.9	58.1	18.6	10.6	8.3	4.4	2.1	1.0
0		2.1	4.4	8.3	10.6	18.6	58.1	1716.9	1716.9	58.1	18.6	10.6	8.3	4.4	2.1	
-10	0.9	1.9	3.6	7.4	10.2	14.5	29.4	58.7	58.7	29.4	14.5	10.2	7.4	3.6	1.9	0.9
-20		1.4	2.6	5.9	9.2	11.0	15.0	19.7	19.7	15.0	11.0	9.2	5.9	2.6	1.4	
-30	0.4	0.9	1.9	4.2	7.5	10.1	11.4	12.1	12.1	11.4	10.1	7.5	4.2	1.9	0.9	0.4
-40		0.6	1.3	2.8	4.8	7.3	9.3	11.1	11.1	9.3	7.3	4.8	2.8	1.3	0.6	
-50	0.1	0.3	0.8	1.7	2.8	3.8	5.1	6.9	6.9	5.1	3.8	2.8	1.7	0.8	0.3	0.1
-60		0.2	0.4	0.9	1.5	1.9	3.0	5.3	5.3	3.0	1.9	1.5	0.9	0.4	0.2	
-70	0.0	0.2	0.9	2.1	3.5	2.1	0.9	0.2	0.0							
-80		0.0	0.2	0.9	2.1	3.5	2.1	0.9	0.2	0.0						
-90	0.0	0.2	0.9	2.1	3.5	2.1	0.9	0.2	0.0							

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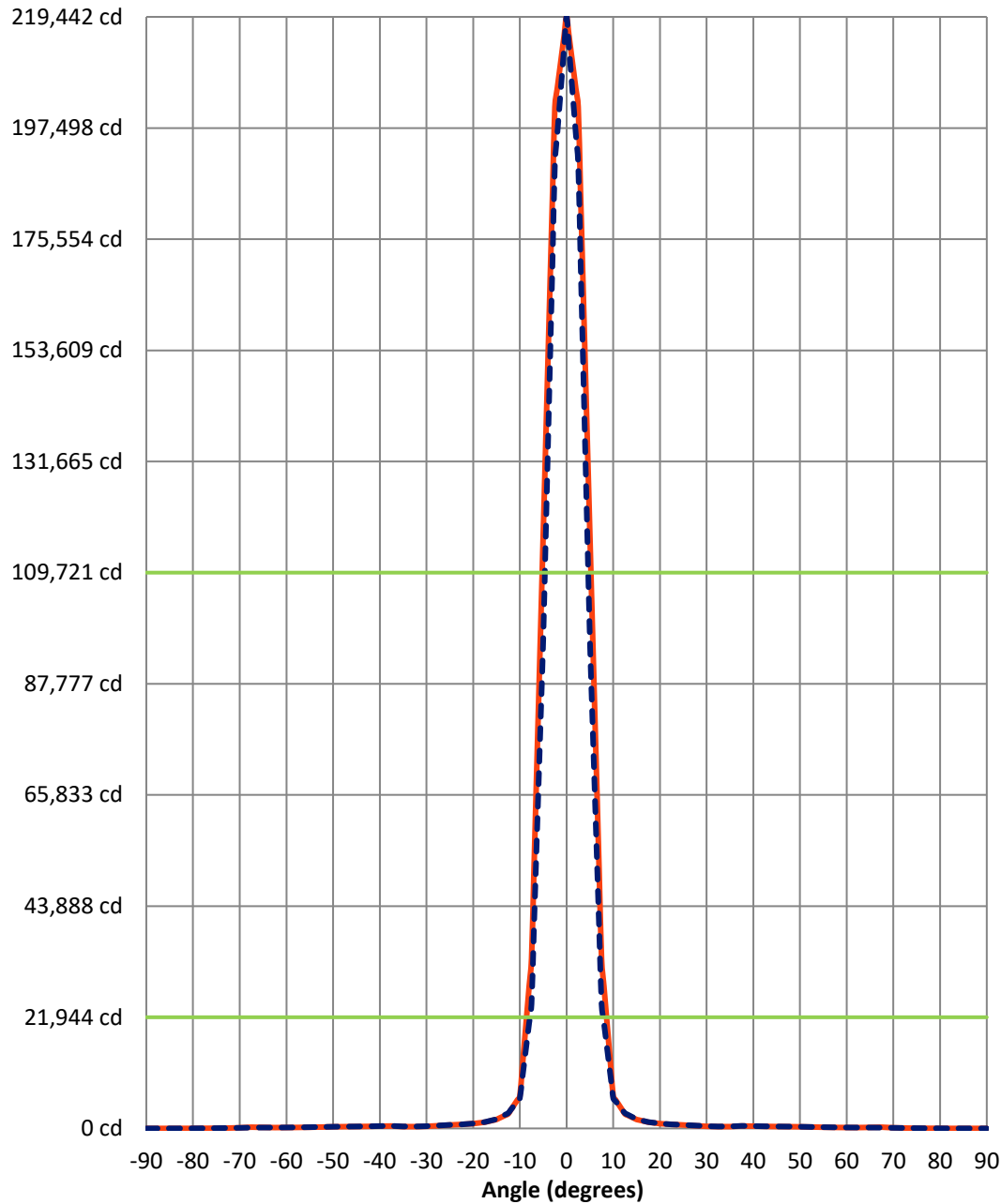
Luminous Intensity Polar Plot



— 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: 3662.8
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 6312.7
Efficiency: 73.9%

Spill:
Lumens: 2232.8
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	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1
85°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
82.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.2	2.5	2.5	2.5
80°	0.0	0.4	0.9	1.3	1.7	2.2	2.5	2.5	2.5	2.5	2.5
77.5°	0.0	0.5	1.1	1.6	2.2	2.5	2.5	2.5	2.5	2.5	2.8
75°	0.0	0.6	1.3	1.9	2.5	2.5	2.5	2.5	2.6	3.3	3.8
72.5°	0.0	0.8	1.5	2.2	2.5	2.5	2.5	2.8	3.7	4.4	4.9
70°	0.0	0.9	1.7	2.5	2.5	2.5	2.6	3.8	4.7	5.5	6.8
67.5°	0.0	1.0	1.9	2.5	2.5	2.5	3.6	4.8	5.8	7.5	9.0
65°	0.0	1.1	2.1	2.5	2.5	2.9	4.5	5.8	7.7	9.6	11.4
62.5°	0.0	1.2	2.3	2.5	2.5	3.7	5.4	7.3	9.6	11.8	14.7
60°	0.0	1.2	2.5	2.5	2.5	4.6	6.3	9.0	11.5	15.0	18.0
57.5°	0.0	1.3	2.5	2.5	3.1	5.4	8.0	10.8	14.2	18.1	21.8
55°	0.0	1.4	2.5	2.5	3.8	6.2	9.7	12.6	17.1	21.4	25.8
52.5°	0.0	1.5	2.6	2.5	4.5	7.1	11.5	15.4	20.1	25.3	30.0
50°	0.0	1.6	2.6	2.5	5.1	8.7	13.3	18.4	23.2	29.2	35.0
47.5°	0.0	1.7	2.6	2.6	5.8	10.2	15.2	21.6	26.8	33.2	40.2
45°	0.0	1.8	2.6	3.1	6.4	11.8	18.0	24.8	31.0	38.1	45.7
42.5°	0.0	1.8	2.7	3.5	7.0	13.4	20.9	28.4	35.5	43.2	52.1
40°	0.0	1.9	2.7	4.0	7.9	15.0	23.7	32.5	40.4	48.5	59.0
37.5°	0.0	2.0	2.8	4.4	9.1	16.6	26.6	36.5	46.0	55.2	66.0
35°	0.0	2.0	2.8	4.8	10.3	18.7	29.6	40.7	51.6	62.9	72.8
32.5°	0.0	2.1	2.9	5.1	11.5	20.9	32.6	44.9	57.3	71.0	81.4
30°	0.0	2.2	2.9	5.4	12.6	23.2	36.0	49.3	63.1	79.3	91.0
27.5°	0.0	2.2	3.0	5.7	13.4	25.4	39.4	54.0	69.3	87.8	101.7
25°	0.0	2.3	3.1	5.9	13.9	27.5	42.7	58.7	76.3	96.6	113.1
22.5°	0.0	2.3	3.1	6.0	14.4	29.2	45.9	63.3	83.3	106.0	122.9
20°	0.0	2.3	3.2	6.2	14.7	29.8	49.1	67.7	90.2	115.7	132.5
17.5°	0.0	2.4	3.3	6.3	14.9	30.2	50.8	72.1	97.1	125.7	141.9
15°	0.0	2.4	3.3	6.4	15.0	30.4	51.4	75.2	103.7	135.8	151.1
12.5°	0.0	2.4	3.4	6.4	15.0	30.4	51.7	76.8	108.1	146.0	160.1
10°	0.0	2.5	3.5	6.4	14.9	30.1	51.9	78.2	110.2	149.9	166.5
7.5°	0.0	2.5	3.5	6.4	14.7	29.7	51.8	79.4	111.9	152.2	167.7
5°	0.0	2.5	3.6	6.3	14.5	29.1	51.4	80.3	113.0	153.8	168.6
2.5°	0.0	2.5	3.6	6.3	14.1	28.4	50.8	80.9	113.6	154.7	169.4
0°	0.0	2.5	3.7	6.2	13.7	27.5	49.9	81.1	113.6	154.8	169.8
-2.5°	0.0	2.5	3.6	6.3	14.1	28.4	50.8	80.9	113.6	154.7	169.4
-5°	0.0	2.5	3.6	6.3	14.5	29.1	51.4	80.3	113.0	153.8	168.6
-7.5°	0.0	2.5	3.5	6.4	14.7	29.7	51.8	79.4	111.9	152.2	167.7
-10°	0.0	2.5	3.5	6.4	14.9	30.1	51.9	78.2	110.2	149.9	166.5
-12.5°	0.0	2.4	3.4	6.4	15.0	30.4	51.7	76.8	108.1	146.0	160.1
-15°	0.0	2.4	3.3	6.4	15.0	30.4	51.4	75.2	103.7	135.8	151.1
-17.5°	0.0	2.4	3.3	6.3	14.9	30.2	50.8	72.1	97.1	125.7	141.9
-20°	0.0	2.3	3.2	6.2	14.7	29.8	49.1	67.7	90.2	115.7	132.5



REPORT NUMBER: P558889 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.3	3.1	6.0	14.4	29.2	45.9	63.3	83.3	106.0	122.9
-25°	0.0	2.3	3.1	5.9	13.9	27.5	42.7	58.7	76.3	96.6	113.1
-27.5°	0.0	2.2	3.0	5.7	13.4	25.4	39.4	54.0	69.3	87.8	101.7
-30°	0.0	2.2	2.9	5.4	12.6	23.2	36.0	49.3	63.1	79.3	91.0
-32.5°	0.0	2.1	2.9	5.1	11.5	20.9	32.6	44.9	57.3	71.0	81.4
-35°	0.0	2.0	2.8	4.8	10.3	18.7	29.6	40.7	51.6	62.9	72.8
-37.5°	0.0	2.0	2.8	4.4	9.1	16.6	26.6	36.5	46.0	55.2	66.0
-40°	0.0	1.9	2.7	4.0	7.9	15.0	23.7	32.5	40.4	48.5	59.0
-42.5°	0.0	1.8	2.7	3.5	7.0	13.4	20.9	28.4	35.5	43.2	52.1
-45°	0.0	1.8	2.6	3.1	6.4	11.8	18.0	24.8	31.0	38.1	45.7
-47.5°	0.0	1.7	2.6	2.6	5.8	10.2	15.2	21.6	26.8	33.2	40.2
-50°	0.0	1.6	2.6	2.5	5.1	8.7	13.3	18.4	23.2	29.2	35.0
-52.5°	0.0	1.5	2.6	2.5	4.5	7.1	11.5	15.4	20.1	25.3	30.0
-55°	0.0	1.4	2.5	2.5	3.8	6.2	9.7	12.6	17.1	21.4	25.8
-57.5°	0.0	1.3	2.5	2.5	3.1	5.4	8.0	10.8	14.2	18.1	21.8
-60°	0.0	1.2	2.5	2.5	2.5	4.6	6.3	9.0	11.5	15.0	18.0
-62.5°	0.0	1.2	2.3	2.5	2.5	3.7	5.4	7.3	9.6	11.8	14.7
-65°	0.0	1.1	2.1	2.5	2.5	2.9	4.5	5.8	7.7	9.6	11.4
-67.5°	0.0	1.0	1.9	2.5	2.5	2.5	3.6	4.8	5.8	7.5	9.0
-70°	0.0	0.9	1.7	2.5	2.5	2.5	2.6	3.8	4.7	5.5	6.8
-72.5°	0.0	0.8	1.5	2.2	2.5	2.5	2.5	2.8	3.7	4.4	4.9
-75°	0.0	0.6	1.3	1.9	2.5	2.5	2.5	2.5	2.6	3.3	3.8
-77.5°	0.0	0.5	1.1	1.6	2.2	2.5	2.5	2.5	2.5	2.5	2.8
-80°	0.0	0.4	0.9	1.3	1.7	2.2	2.5	2.5	2.5	2.5	2.5
-82.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.2	2.5	2.5	2.5
-85°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	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-SA4B-930-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°	1.0	0.9	0.8	0.7	0.7	0.8	0.8	0.8	0.9	0.9	1.0
85°	2.0	1.9	1.6	1.4	1.5	1.6	1.7	1.7	1.8	1.9	2.0
82.5°	2.3	2.2	2.1	2.1	2.3	2.4	2.6	2.8	3.0	3.2	3.4
80°	2.5	2.5	2.9	3.2	3.6	3.9	4.2	4.6	4.9	5.3	6.0
77.5°	3.2	3.7	4.2	4.6	5.2	6.1	7.0	7.6	8.5	9.5	10.6
75°	4.4	4.9	6.1	7.5	8.8	9.7	10.7	12.0	13.7	15.5	17.3
72.5°	6.0	7.5	9.1	10.9	13.0	14.8	16.5	18.1	20.8	23.8	26.0
70°	8.3	10.1	12.7	15.5	18.2	20.5	23.9	28.0	32.1	34.2	35.5
67.5°	10.6	13.6	16.8	20.2	23.9	27.8	32.5	36.9	41.1	42.8	44.3
65°	13.8	17.2	21.1	25.3	29.6	34.2	39.0	43.9	48.3	50.5	53.1
62.5°	17.0	21.1	25.5	30.2	35.0	40.0	45.8	50.8	54.5	59.1	64.4
60°	20.9	24.9	30.0	35.2	40.7	47.7	53.6	59.1	64.2	69.3	77.2
57.5°	25.0	28.9	34.5	40.7	48.2	56.2	62.9	68.9	75.9	83.1	91.1
55°	29.5	33.0	39.3	46.9	55.5	65.1	73.0	81.1	89.1	95.7	102.8
52.5°	34.6	37.8	44.4	53.2	63.2	74.0	84.4	92.8	100.3	107.5	115.6
50°	40.0	44.0	49.4	59.9	71.1	83.2	95.1	103.6	112.1	120.5	129.6
47.5°	46.2	50.7	55.2	66.6	79.2	91.7	103.9	114.8	124.2	135.5	145.9
45°	53.0	58.3	63.2	73.7	86.7	99.4	112.9	126.0	139.3	152.6	169.2
42.5°	60.2	66.0	72.2	80.3	93.3	107.4	121.9	139.4	156.2	174.6	196.2
40°	67.1	73.5	81.0	88.3	99.9	115.5	133.3	152.8	176.5	200.4	226.5
37.5°	73.9	81.4	89.4	97.0	107.2	124.8	144.4	169.3	197.8	228.0	261.2
35°	80.6	88.9	97.0	106.0	117.4	134.5	158.7	187.0	221.1	259.3	289.7
32.5°	87.2	96.0	104.3	115.1	129.2	146.7	172.4	208.1	247.5	286.2	306.6
30°	95.4	102.4	111.5	123.7	140.8	163.0	190.9	229.3	274.2	300.6	319.6
27.5°	106.3	108.8	119.1	133.4	152.6	179.1	213.7	253.6	290.8	314.0	330.9
25°	117.1	119.7	126.2	143.1	166.8	198.0	237.0	282.5	304.5	324.1	343.7
22.5°	127.4	130.1	138.3	152.3	180.5	217.3	262.6	302.4	323.4	335.9	357.2
20°	137.0	141.3	151.4	167.6	194.6	235.6	287.5	320.9	340.9	355.9	375.5
17.5°	146.4	152.3	164.6	184.3	214.5	256.2	310.1	339.3	358.9	373.4	397.7
15°	155.4	163.0	177.3	199.9	233.0	278.1	325.2	354.5	375.5	389.7	418.1
12.5°	164.2	173.4	189.5	214.4	249.6	297.3	338.0	364.3	385.2	407.0	436.3
10°	172.6	183.5	201.1	227.9	264.6	313.9	348.7	372.1	393.0	420.8	451.3
7.5°	173.9	188.5	210.6	240.3	277.8	327.9	357.5	378.2	401.0	433.4	464.9
5°	173.9	188.1	211.3	243.5	284.1	336.1	363.7	382.9	408.6	444.6	477.1
2.5°	173.8	187.3	211.5	244.6	285.7	337.0	364.6	384.1	413.0	455.6	488.2
0°	173.5	186.0	211.0	244.7	285.9	335.8	364.5	384.5	415.7	465.6	498.1
-2.5°	173.8	187.3	211.5	244.6	285.7	337.0	364.6	384.1	413.0	455.6	488.2
-5°	173.9	188.1	211.3	243.5	284.1	336.1	363.7	382.9	408.6	444.6	477.1
-7.5°	173.9	188.5	210.6	240.3	277.8	327.9	357.5	378.2	401.0	433.4	464.9
-10°	172.6	183.5	201.1	227.9	264.6	313.9	348.7	372.1	393.0	420.8	451.3
-12.5°	164.2	173.4	189.5	214.4	249.6	297.3	338.0	364.3	385.2	407.0	436.3
-15°	155.4	163.0	177.3	199.9	233.0	278.1	325.2	354.5	375.5	389.7	418.1
-17.5°	146.4	152.3	164.6	184.3	214.5	256.2	310.1	339.3	358.9	373.4	397.7
-20°	137.0	141.3	151.4	167.6	194.6	235.6	287.5	320.9	340.9	355.9	375.5



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	127.4	130.1	138.3	152.3	180.5	217.3	262.6	302.4	323.4	335.9	357.2
-25°	117.1	119.7	126.2	143.1	166.8	198.0	237.0	282.5	304.5	324.1	343.7
-27.5°	106.3	108.8	119.1	133.4	152.6	179.1	213.7	253.6	290.8	314.0	330.9
-30°	95.4	102.4	111.5	123.7	140.8	163.0	190.9	229.3	274.2	300.6	319.6
-32.5°	87.2	96.0	104.3	115.1	129.2	146.7	172.4	208.1	247.5	286.2	306.6
-35°	80.6	88.9	97.0	106.0	117.4	134.5	158.7	187.0	221.1	259.3	289.7
-37.5°	73.9	81.4	89.4	97.0	107.2	124.8	144.4	169.3	197.8	228.0	261.2
-40°	67.1	73.5	81.0	88.3	99.9	115.5	133.3	152.8	176.5	200.4	226.5
-42.5°	60.2	66.0	72.2	80.3	93.3	107.4	121.9	139.4	156.2	174.6	196.2
-45°	53.0	58.3	63.2	73.7	86.7	99.4	112.9	126.0	139.3	152.6	169.2
-47.5°	46.2	50.7	55.2	66.6	79.2	91.7	103.9	114.8	124.2	135.5	145.9
-50°	40.0	44.0	49.4	59.9	71.1	83.2	95.1	103.6	112.1	120.5	129.6
-52.5°	34.6	37.8	44.4	53.2	63.2	74.0	84.4	92.8	100.3	107.5	115.6
-55°	29.5	33.0	39.3	46.9	55.5	65.1	73.0	81.1	89.1	95.7	102.8
-57.5°	25.0	28.9	34.5	40.7	48.2	56.2	62.9	68.9	75.9	83.1	91.1
-60°	20.9	24.9	30.0	35.2	40.7	47.7	53.6	59.1	64.2	69.3	77.2
-62.5°	17.0	21.1	25.5	30.2	35.0	40.0	45.8	50.8	54.5	59.1	64.4
-65°	13.8	17.2	21.1	25.3	29.6	34.2	39.0	43.9	48.3	50.5	53.1
-67.5°	10.6	13.6	16.8	20.2	23.9	27.8	32.5	36.9	41.1	42.8	44.3
-70°	8.3	10.1	12.7	15.5	18.2	20.5	23.9	28.0	32.1	34.2	35.5
-72.5°	6.0	7.5	9.1	10.9	13.0	14.8	16.5	18.1	20.8	23.8	26.0
-75°	4.4	4.9	6.1	7.5	8.8	9.7	10.7	12.0	13.7	15.5	17.3
-77.5°	3.2	3.7	4.2	4.6	5.2	6.1	7.0	7.6	8.5	9.5	10.6
-80°	2.5	2.5	2.9	3.2	3.6	3.9	4.2	4.6	4.9	5.3	6.0
-82.5°	2.3	2.2	2.1	2.1	2.3	2.4	2.6	2.8	3.0	3.2	3.4
-85°	2.0	1.9	1.6	1.4	1.5	1.6	1.7	1.7	1.8	1.9	2.0
-87.5°	1.0	0.9	0.8	0.7	0.7	0.8	0.8	0.8	0.9	0.9	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



REPORT NUMBER: P558889 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
85°	2.0	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5
82.5°	3.6	3.8	4.0	4.1	4.3	4.4	4.5	4.7	4.7	4.8	4.9
80°	6.7	7.2	7.6	7.9	8.1	9.0	10.1	11.2	12.4	12.9	13.2
77.5°	11.9	12.7	13.3	13.7	14.0	16.0	18.5	21.1	23.8	25.2	26.3
75°	19.0	20.0	20.7	21.2	21.4	24.4	28.8	33.5	38.3	40.8	42.6
72.5°	27.4	28.3	29.0	29.5	29.9	34.3	42.3	51.0	60.3	65.9	70.0
70°	36.5	37.5	38.3	39.0	39.5	44.8	56.4	68.5	81.0	93.6	107.0
67.5°	46.2	48.2	49.3	49.9	50.6	55.1	67.5	78.9	89.4	112.1	147.8
65°	56.7	61.5	63.5	64.6	65.1	67.1	77.7	87.2	95.8	113.5	140.8
62.5°	70.2	76.5	79.4	80.7	81.5	81.6	90.2	98.2	105.5	116.6	133.9
60°	84.6	91.5	95.0	96.0	96.6	96.9	103.8	111.7	119.0	128.0	144.2
57.5°	97.8	104.2	109.6	111.7	113.3	114.5	120.5	129.8	138.5	147.5	164.9
55°	110.5	118.2	125.6	129.7	133.5	136.9	142.9	154.6	165.8	176.3	194.4
52.5°	124.3	134.2	144.1	151.5	158.7	165.1	171.5	186.7	201.6	215.6	233.1
50°	140.7	153.1	167.4	179.5	189.9	200.1	209.3	227.3	247.4	266.6	285.1
47.5°	161.6	177.8	196.2	213.4	227.5	243.4	257.8	276.2	294.1	311.9	327.2
45°	187.2	209.7	230.9	253.8	273.9	284.4	292.7	304.2	322.6	340.1	354.3
42.5°	220.0	246.1	272.2	289.2	302.2	310.7	316.8	322.8	342.0	358.9	372.7
40°	256.4	282.6	298.7	312.7	321.7	329.3	338.8	348.1	363.2	380.6	396.0
37.5°	287.9	304.8	319.0	329.9	340.8	350.8	364.5	378.0	392.4	411.9	426.1
35°	307.4	322.2	336.6	350.3	364.2	379.7	396.8	416.7	434.3	418.3	395.2
32.5°	322.3	337.5	354.8	376.0	395.1	416.3	437.8	403.3	367.9	354.1	356.9
30°	335.2	352.8	376.7	404.4	431.0	421.5	374.4	357.9	362.7	372.4	391.1
27.5°	349.0	371.0	400.1	434.2	413.3	361.1	363.8	373.4	405.7	433.2	474.8
25°	365.4	391.9	428.0	412.3	364.5	369.4	393.6	430.1	491.7	549.1	599.3
22.5°	385.1	419.0	423.7	364.5	371.0	402.6	451.7	530.8	605.6	675.0	726.8
20°	405.2	444.2	384.1	371.6	399.4	455.9	547.0	637.8	721.3	783.4	835.3
17.5°	429.2	415.4	372.9	386.2	442.4	539.9	642.6	738.8	817.5	924.9	1016.2
15°	450.2	387.6	379.7	423.7	508.2	618.0	729.5	815.9	958.2	1112.0	1267.6
12.5°	438.1	377.8	391.9	457.1	568.1	686.8	785.4	922.2	1110.4	1335.1	1672.7
10°	420.3	383.3	418.0	503.2	619.5	735.1	837.4	1016.8	1265.2	1677.9	2209.4
7.5°	406.5	385.7	435.2	538.6	657.6	764.2	900.7	1118.2	1464.5	2030.5	3162.4
5°	396.0	385.6	443.1	559.1	680.3	784.3	939.8	1191.9	1659.7	2466.2	4400.3
2.5°	391.3	383.6	445.3	570.1	691.3	795.5	964.0	1244.8	1782.9	2871.0	5786.2
0°	394.5	379.5	444.4	574.2	697.8	794.0	967.5	1260.8	1820.1	3020.5	5972.2
-2.5°	391.3	383.6	445.3	570.1	691.3	795.5	964.0	1244.8	1782.9	2871.0	5786.2
-5°	396.0	385.6	443.1	559.1	680.3	784.3	939.8	1191.9	1659.7	2466.2	4400.3
-7.5°	406.5	385.7	435.2	538.6	657.6	764.2	900.7	1118.2	1464.5	2030.5	3162.4
-10°	420.3	383.3	418.0	503.2	619.5	735.1	837.4	1016.8	1265.2	1677.9	2209.4
-12.5°	438.1	377.8	391.9	457.1	568.1	686.8	785.4	922.2	1110.4	1335.1	1672.7
-15°	450.2	387.6	379.7	423.7	508.2	618.0	729.5	815.9	958.2	1112.0	1267.6
-17.5°	429.2	415.4	372.9	386.2	442.4	539.9	642.6	738.8	817.5	924.9	1016.2
-20°	405.2	444.2	384.1	371.6	399.4	455.9	547.0	637.8	721.3	783.4	835.3



REPORT NUMBER: P558889 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	385.1	419.0	423.7	364.5	371.0	402.6	451.7	530.8	605.6	675.0	726.8
-25°	365.4	391.9	428.0	412.3	364.5	369.4	393.6	430.1	491.7	549.1	599.3
-27.5°	349.0	371.0	400.1	434.2	413.3	361.1	363.8	373.4	405.7	433.2	474.8
-30°	335.2	352.8	376.7	404.4	431.0	421.5	374.4	357.9	362.7	372.4	391.1
-32.5°	322.3	337.5	354.8	376.0	395.1	416.3	437.8	403.3	367.9	354.1	356.9
-35°	307.4	322.2	336.6	350.3	364.2	379.7	396.8	416.7	434.3	418.3	395.2
-37.5°	287.9	304.8	319.0	329.9	340.8	350.8	364.5	378.0	392.4	411.9	426.1
-40°	256.4	282.6	298.7	312.7	321.7	329.3	338.8	348.1	363.2	380.6	396.0
-42.5°	220.0	246.1	272.2	289.2	302.2	310.7	316.8	322.8	342.0	358.9	372.7
-45°	187.2	209.7	230.9	253.8	273.9	284.4	292.7	304.2	322.6	340.1	354.3
-47.5°	161.6	177.8	196.2	213.4	227.5	243.4	257.8	276.2	294.1	311.9	327.2
-50°	140.7	153.1	167.4	179.5	189.9	200.1	209.3	227.3	247.4	266.6	285.1
-52.5°	124.3	134.2	144.1	151.5	158.7	165.1	171.5	186.7	201.6	215.6	233.1
-55°	110.5	118.2	125.6	129.7	133.5	136.9	142.9	154.6	165.8	176.3	194.4
-57.5°	97.8	104.2	109.6	111.7	113.3	114.5	120.5	129.8	138.5	147.5	164.9
-60°	84.6	91.5	95.0	96.0	96.6	96.9	103.8	111.7	119.0	128.0	144.2
-62.5°	70.2	76.5	79.4	80.7	81.5	81.6	90.2	98.2	105.5	116.6	133.9
-65°	56.7	61.5	63.5	64.6	65.1	67.1	77.7	87.2	95.8	113.5	140.8
-67.5°	46.2	48.2	49.3	49.9	50.6	55.1	67.5	78.9	89.4	112.1	147.8
-70°	36.5	37.5	38.3	39.0	39.5	44.8	56.4	68.5	81.0	93.6	107.0
-72.5°	27.4	28.3	29.0	29.5	29.9	34.3	42.3	51.0	60.3	65.9	70.0
-75°	19.0	20.0	20.7	21.2	21.4	24.4	28.8	33.5	38.3	40.8	42.6
-77.5°	11.9	12.7	13.3	13.7	14.0	16.0	18.5	21.1	23.8	25.2	26.3
-80°	6.7	7.2	7.6	7.9	8.1	9.0	10.1	11.2	12.4	12.9	13.2
-82.5°	3.6	3.8	4.0	4.1	4.3	4.4	4.5	4.7	4.7	4.8	4.9
-85°	2.0	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5
-87.5°	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	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: P558889 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-930-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°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1
85°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4
82.5°	4.9	5.0	5.0	5.0	5.0	5.0	4.9	4.9	4.8	4.7	4.7
80°	13.4	13.6	13.1	12.5	13.1	13.6	13.4	13.2	12.9	12.4	11.2
77.5°	27.4	28.4	27.4	26.2	27.4	28.4	27.4	26.3	25.2	23.8	21.1
75°	44.3	45.7	44.9	43.7	44.9	45.7	44.3	42.6	40.8	38.3	33.5
72.5°	73.9	77.5	76.6	74.9	76.6	77.5	73.9	70.0	65.9	60.3	51.0
70°	121.0	135.2	134.6	131.1	134.6	135.2	121.0	107.0	93.6	81.0	68.5
67.5°	186.5	226.7	239.5	245.9	239.5	226.7	186.5	147.8	112.1	89.4	78.9
65°	166.1	190.4	200.1	207.2	200.1	190.4	166.1	140.8	113.5	95.8	87.2
62.5°	149.4	163.8	166.9	167.3	166.9	163.8	149.4	133.9	116.6	105.5	98.2
60°	159.9	175.3	177.5	174.8	177.5	175.3	159.9	144.2	128.0	119.0	111.7
57.5°	181.6	197.7	200.6	197.2	200.6	197.7	181.6	164.9	147.5	138.5	129.8
55°	211.7	227.8	233.2	232.2	233.2	227.8	211.7	194.4	176.3	165.8	154.6
52.5°	249.9	264.8	271.0	270.9	271.0	264.8	249.9	233.1	215.6	201.6	186.7
50°	301.1	314.5	321.2	322.1	321.2	314.5	301.1	285.1	266.6	247.4	227.3
47.5°	338.1	346.8	351.4	352.0	351.4	346.8	338.1	327.2	311.9	294.1	276.2
45°	360.7	365.4	369.0	372.0	369.0	365.4	360.7	354.3	340.1	322.6	304.2
42.5°	382.0	391.8	399.1	400.7	399.1	391.8	382.0	372.7	358.9	342.0	322.8
40°	410.5	424.0	437.0	450.7	437.0	424.0	410.5	396.0	380.6	363.2	348.1
37.5°	440.9	456.0	468.5	475.6	468.5	456.0	440.9	426.1	411.9	392.4	378.0
35°	378.9	369.0	363.1	360.8	363.1	369.0	378.9	395.2	418.3	434.3	416.7
32.5°	358.6	359.3	358.2	355.8	358.2	359.3	358.6	356.9	354.1	367.9	403.3
30°	404.9	411.5	412.4	412.0	412.4	411.5	404.9	391.1	372.4	362.7	357.9
27.5°	505.5	522.4	527.6	538.0	527.6	522.4	505.5	474.8	433.2	405.7	373.4
25°	638.2	663.6	675.9	680.4	675.9	663.6	638.2	599.3	549.1	491.7	430.1
22.5°	756.1	775.5	786.9	796.5	786.9	775.5	756.1	726.8	675.0	605.6	530.8
20°	895.8	931.3	947.5	948.8	947.5	931.3	895.8	835.3	783.4	721.3	637.8
17.5°	1113.9	1183.0	1217.4	1227.1	1217.4	1183.0	1113.9	1016.2	924.9	817.5	738.8
15°	1458.0	1634.2	1724.8	1767.7	1724.8	1634.2	1458.0	1267.6	1112.0	958.2	815.9
12.5°	2019.3	2416.6	2737.8	2858.7	2737.8	2416.6	2019.3	1672.7	1335.1	1110.4	922.2
10°	3131.5	4317.9	5703.8	6350.4	5703.8	4317.9	3131.5	2209.4	1677.9	1265.2	1016.8
7.5°	6058.2	14066.0	27262.3	33557.3	27262.3	14066.0	6058.2	3162.4	2030.5	1464.5	1118.2
5°	12913.2	55729.4	99804.3	117228.7	99804.3	55729.4	12913.2	4400.3	2466.2	1659.7	1191.9
2.5°	20568.0	91403.4	172463.5	201660.4	172463.5	91403.4	20568.0	5786.2	2871.0	1782.9	1244.8
0°	24574.6	96322.4	190309.7	219442.1	190309.7	96322.4	24574.6	5972.2	3020.5	1820.1	1260.8
-2.5°	20568.0	91403.4	172463.5	201660.3	172463.5	91403.4	20568.0	5786.2	2871.0	1782.9	1244.8
-5°	12913.2	55729.4	99804.3	117228.7	99804.3	55729.4	12913.2	4400.3	2466.2	1659.7	1191.9
-7.5°	6058.2	14066.0	27262.3	33557.3	27262.3	14066.0	6058.2	3162.4	2030.5	1464.5	1118.2
-10°	3131.5	4317.9	5703.8	6350.4	5703.8	4317.9	3131.5	2209.4	1677.9	1265.2	1016.8
-12.5°	2019.3	2416.6	2737.8	2858.7	2737.8	2416.6	2019.3	1672.7	1335.1	1110.4	922.2
-15°	1458.0	1634.2	1724.8	1767.7	1724.8	1634.2	1458.0	1267.6	1112.0	958.2	815.9
-17.5°	1113.9	1183.0	1217.4	1227.1	1217.4	1183.0	1113.9	1016.2	924.9	817.5	738.8
-20°	895.8	931.3	947.5	948.8	947.5	931.3	895.8	835.3	783.4	721.3	637.8



REPORT NUMBER: P558889 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-930-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°	756.1	775.5	786.9	796.5	786.9	775.5	756.1	726.8	675.0	605.6	530.8
-25°	638.2	663.6	675.9	680.4	675.9	663.6	638.2	599.3	549.1	491.7	430.1
-27.5°	505.5	522.4	527.6	538.0	527.6	522.4	505.5	474.8	433.2	405.7	373.4
-30°	404.9	411.5	412.4	412.0	412.4	411.5	404.9	391.1	372.4	362.7	357.9
-32.5°	358.6	359.3	358.2	355.8	358.2	359.3	358.6	356.9	354.1	367.9	403.3
-35°	378.9	369.0	363.1	360.8	363.1	369.0	378.9	395.2	418.3	434.3	416.7
-37.5°	440.9	456.0	468.5	475.6	468.5	456.0	440.9	426.1	411.9	392.4	378.0
-40°	410.5	424.0	437.0	450.7	437.0	424.0	410.5	396.0	380.6	363.2	348.1
-42.5°	382.0	391.8	399.1	400.7	399.1	391.8	382.0	372.7	358.9	342.0	322.8
-45°	360.7	365.4	369.0	372.0	369.0	365.4	360.7	354.3	340.1	322.6	304.2
-47.5°	338.1	346.8	351.4	352.0	351.4	346.8	338.1	327.2	311.9	294.1	276.2
-50°	301.1	314.5	321.2	322.1	321.2	314.5	301.1	285.1	266.6	247.4	227.3
-52.5°	249.9	264.8	271.0	270.9	271.0	264.8	249.9	233.1	215.6	201.6	186.7
-55°	211.7	227.8	233.2	232.2	233.2	227.8	211.7	194.4	176.3	165.8	154.6
-57.5°	181.6	197.7	200.6	197.2	200.6	197.7	181.6	164.9	147.5	138.5	129.8
-60°	159.9	175.3	177.5	174.8	177.5	175.3	159.9	144.2	128.0	119.0	111.7
-62.5°	149.4	163.8	166.9	167.3	166.9	163.8	149.4	133.9	116.6	105.5	98.2
-65°	166.1	190.4	200.1	207.2	200.1	190.4	166.1	140.8	113.5	95.8	87.2
-67.5°	186.5	226.7	239.5	245.9	239.5	226.7	186.5	147.8	112.1	89.4	78.9
-70°	121.0	135.2	134.6	131.1	134.6	135.2	121.0	107.0	93.6	81.0	68.5
-72.5°	73.9	77.5	76.6	74.9	76.6	77.5	73.9	70.0	65.9	60.3	51.0
-75°	44.3	45.7	44.9	43.7	44.9	45.7	44.3	42.6	40.8	38.3	33.5
-77.5°	27.4	28.4	27.4	26.2	27.4	28.4	27.4	26.3	25.2	23.8	21.1
-80°	13.4	13.6	13.1	12.5	13.1	13.6	13.4	13.2	12.9	12.4	11.2
-82.5°	4.9	5.0	5.0	5.0	5.0	5.0	4.9	4.9	4.8	4.7	4.7
-85°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4
-87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558889 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-930-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°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.8
85°	2.3	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.7
82.5°	4.5	4.4	4.3	4.1	4.0	3.8	3.6	3.4	3.2	3.0	2.8
80°	10.1	9.0	8.1	7.9	7.6	7.2	6.7	6.0	5.3	4.9	4.6
77.5°	18.5	16.0	14.0	13.7	13.3	12.7	11.9	10.6	9.5	8.5	7.6
75°	28.8	24.4	21.4	21.2	20.7	20.0	19.0	17.3	15.5	13.7	12.0
72.5°	42.3	34.3	29.9	29.5	29.0	28.3	27.4	26.0	23.8	20.8	18.1
70°	56.4	44.8	39.5	39.0	38.3	37.5	36.5	35.5	34.2	32.1	28.0
67.5°	67.5	55.1	50.6	49.9	49.3	48.2	46.2	44.3	42.8	41.1	36.9
65°	77.7	67.1	65.1	64.6	63.5	61.5	56.7	53.1	50.5	48.3	43.9
62.5°	90.2	81.6	81.5	80.7	79.4	76.5	70.2	64.4	59.1	54.5	50.8
60°	103.8	96.9	96.6	96.0	95.0	91.5	84.6	77.2	69.3	64.2	59.1
57.5°	120.5	114.5	113.3	111.7	109.6	104.2	97.8	91.1	83.1	75.9	68.9
55°	142.9	136.9	133.5	129.7	125.6	118.2	110.5	102.8	95.7	89.1	81.1
52.5°	171.5	165.1	158.7	151.5	144.1	134.2	124.3	115.6	107.5	100.3	92.8
50°	209.3	200.1	189.9	179.5	167.4	153.1	140.7	129.6	120.5	112.1	103.6
47.5°	257.8	243.4	227.5	213.4	196.2	177.8	161.6	145.9	135.5	124.2	114.8
45°	292.7	284.4	273.9	253.8	230.9	209.7	187.2	169.2	152.6	139.3	126.0
42.5°	316.8	310.7	302.2	289.2	272.2	246.1	220.0	196.2	174.6	156.2	139.4
40°	338.8	329.3	321.7	312.7	298.7	282.6	256.4	226.5	200.4	176.5	152.8
37.5°	364.5	350.8	340.8	329.9	319.0	304.8	287.9	261.2	228.0	197.8	169.3
35°	396.8	379.7	364.2	350.3	336.6	322.2	307.4	289.7	259.3	221.1	187.0
32.5°	437.8	416.3	395.1	376.0	354.8	337.5	322.3	306.6	286.2	247.5	208.1
30°	374.4	421.5	431.0	404.4	376.7	352.8	335.2	319.6	300.6	274.2	229.3
27.5°	363.8	361.1	413.3	434.2	400.1	371.0	349.0	330.9	314.0	290.8	253.6
25°	393.6	369.4	364.5	412.3	428.0	391.9	365.4	343.7	324.1	304.5	282.5
22.5°	451.7	402.6	371.0	364.5	423.7	419.0	385.1	357.2	335.9	323.4	302.4
20°	547.0	455.9	399.4	371.6	384.1	444.2	405.2	375.5	355.9	340.9	320.9
17.5°	642.6	539.9	442.4	386.2	372.9	415.4	429.2	397.7	373.4	358.9	339.3
15°	729.5	618.0	508.2	423.7	379.7	387.6	450.2	418.1	389.7	375.5	354.5
12.5°	785.4	686.8	568.1	457.1	391.9	377.8	438.1	436.3	407.0	385.2	364.3
10°	837.4	735.1	619.5	503.2	418.0	383.3	420.3	451.3	420.8	393.0	372.1
7.5°	900.7	764.2	657.6	538.6	435.2	385.7	406.5	464.9	433.4	401.0	378.2
5°	939.8	784.3	680.3	559.1	443.1	385.6	396.0	477.1	444.6	408.6	382.9
2.5°	964.0	795.5	691.3	570.1	445.3	383.6	391.3	488.2	455.6	413.0	384.1
0°	967.5	794.0	697.8	574.2	444.4	379.5	394.5	498.1	465.6	415.7	384.5
-2.5°	964.0	795.5	691.3	570.1	445.3	383.6	391.3	488.2	455.6	413.0	384.1
-5°	939.8	784.3	680.3	559.1	443.1	385.6	396.0	477.1	444.6	408.6	382.9
-7.5°	900.7	764.2	657.6	538.6	435.2	385.7	406.5	464.9	433.4	401.0	378.2
-10°	837.4	735.1	619.5	503.2	418.0	383.3	420.3	451.3	420.8	393.0	372.1
-12.5°	785.4	686.8	568.1	457.1	391.9	377.8	438.1	436.3	407.0	385.2	364.3
-15°	729.5	618.0	508.2	423.7	379.7	387.6	450.2	418.1	389.7	375.5	354.5
-17.5°	642.6	539.9	442.4	386.2	372.9	415.4	429.2	397.7	373.4	358.9	339.3
-20°	547.0	455.9	399.4	371.6	384.1	444.2	405.2	375.5	355.9	340.9	320.9



REPORT NUMBER: P558889 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	451.7	402.6	371.0	364.5	423.7	419.0	385.1	357.2	335.9	323.4	302.4
-25°	393.6	369.4	364.5	412.3	428.0	391.9	365.4	343.7	324.1	304.5	282.5
-27.5°	363.8	361.1	413.3	434.2	400.1	371.0	349.0	330.9	314.0	290.8	253.6
-30°	374.4	421.5	431.0	404.4	376.7	352.8	335.2	319.6	300.6	274.2	229.3
-32.5°	437.8	416.3	395.1	376.0	354.8	337.5	322.3	306.6	286.2	247.5	208.1
-35°	396.8	379.7	364.2	350.3	336.6	322.2	307.4	289.7	259.3	221.1	187.0
-37.5°	364.5	350.8	340.8	329.9	319.0	304.8	287.9	261.2	228.0	197.8	169.3
-40°	338.8	329.3	321.7	312.7	298.7	282.6	256.4	226.5	200.4	176.5	152.8
-42.5°	316.8	310.7	302.2	289.2	272.2	246.1	220.0	196.2	174.6	156.2	139.4
-45°	292.7	284.4	273.9	253.8	230.9	209.7	187.2	169.2	152.6	139.3	126.0
-47.5°	257.8	243.4	227.5	213.4	196.2	177.8	161.6	145.9	135.5	124.2	114.8
-50°	209.3	200.1	189.9	179.5	167.4	153.1	140.7	129.6	120.5	112.1	103.6
-52.5°	171.5	165.1	158.7	151.5	144.1	134.2	124.3	115.6	107.5	100.3	92.8
-55°	142.9	136.9	133.5	129.7	125.6	118.2	110.5	102.8	95.7	89.1	81.1
-57.5°	120.5	114.5	113.3	111.7	109.6	104.2	97.8	91.1	83.1	75.9	68.9
-60°	103.8	96.9	96.6	96.0	95.0	91.5	84.6	77.2	69.3	64.2	59.1
-62.5°	90.2	81.6	81.5	80.7	79.4	76.5	70.2	64.4	59.1	54.5	50.8
-65°	77.7	67.1	65.1	64.6	63.5	61.5	56.7	53.1	50.5	48.3	43.9
-67.5°	67.5	55.1	50.6	49.9	49.3	48.2	46.2	44.3	42.8	41.1	36.9
-70°	56.4	44.8	39.5	39.0	38.3	37.5	36.5	35.5	34.2	32.1	28.0
-72.5°	42.3	34.3	29.9	29.5	29.0	28.3	27.4	26.0	23.8	20.8	18.1
-75°	28.8	24.4	21.4	21.2	20.7	20.0	19.0	17.3	15.5	13.7	12.0
-77.5°	18.5	16.0	14.0	13.7	13.3	12.7	11.9	10.6	9.5	8.5	7.6
-80°	10.1	9.0	8.1	7.9	7.6	7.2	6.7	6.0	5.3	4.9	4.6
-82.5°	4.5	4.4	4.3	4.1	4.0	3.8	3.6	3.4	3.2	3.0	2.8
-85°	2.3	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.7
-87.5°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	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



REPORT NUMBER: P558889 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-930-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°	0.8	0.8	0.7	0.7	0.8	0.9	1.0	1.1	1.0	0.9	0.8
85°	1.7	1.6	1.5	1.4	1.6	1.9	2.0	2.1	1.9	1.7	1.5
82.5°	2.6	2.4	2.3	2.1	2.1	2.2	2.3	2.5	2.5	2.5	2.2
80°	4.2	3.9	3.6	3.2	2.9	2.5	2.5	2.5	2.5	2.5	2.5
77.5°	7.0	6.1	5.2	4.6	4.2	3.7	3.2	2.8	2.5	2.5	2.5
75°	10.7	9.7	8.8	7.5	6.1	4.9	4.4	3.8	3.3	2.6	2.5
72.5°	16.5	14.8	13.0	10.9	9.1	7.5	6.0	4.9	4.4	3.7	2.8
70°	23.9	20.5	18.2	15.5	12.7	10.1	8.3	6.8	5.5	4.7	3.8
67.5°	32.5	27.8	23.9	20.2	16.8	13.6	10.6	9.0	7.5	5.8	4.8
65°	39.0	34.2	29.6	25.3	21.1	17.2	13.8	11.4	9.6	7.7	5.8
62.5°	45.8	40.0	35.0	30.2	25.5	21.1	17.0	14.7	11.8	9.6	7.3
60°	53.6	47.7	40.7	35.2	30.0	24.9	20.9	18.0	15.0	11.5	9.0
57.5°	62.9	56.2	48.2	40.7	34.5	28.9	25.0	21.8	18.1	14.2	10.8
55°	73.0	65.1	55.5	46.9	39.3	33.0	29.5	25.8	21.4	17.1	12.6
52.5°	84.4	74.0	63.2	53.2	44.4	37.8	34.6	30.0	25.3	20.1	15.4
50°	95.1	83.2	71.1	59.9	49.4	44.0	40.0	35.0	29.2	23.2	18.4
47.5°	103.9	91.7	79.2	66.6	55.2	50.7	46.2	40.2	33.2	26.8	21.6
45°	112.9	99.4	86.7	73.7	63.2	58.3	53.0	45.7	38.1	31.0	24.8
42.5°	121.9	107.4	93.3	80.3	72.2	66.0	60.2	52.1	43.2	35.5	28.4
40°	133.3	115.5	99.9	88.3	81.0	73.5	67.1	59.0	48.5	40.4	32.5
37.5°	144.4	124.8	107.2	97.0	89.4	81.4	73.9	66.0	55.2	46.0	36.5
35°	158.7	134.5	117.4	106.0	97.0	88.9	80.6	72.8	62.9	51.6	40.7
32.5°	172.4	146.7	129.2	115.1	104.3	96.0	87.2	81.4	71.0	57.3	44.9
30°	190.9	163.0	140.8	123.7	111.5	102.4	95.4	91.0	79.3	63.1	49.3
27.5°	213.7	179.1	152.6	133.4	119.1	108.8	106.3	101.7	87.8	69.3	54.0
25°	237.0	198.0	166.8	143.1	126.2	119.7	117.1	113.1	96.6	76.3	58.7
22.5°	262.6	217.3	180.5	152.3	138.3	130.1	127.4	122.9	106.0	83.3	63.3
20°	287.5	235.6	194.6	167.6	151.4	141.3	137.0	132.5	115.7	90.2	67.7
17.5°	310.1	256.2	214.5	184.3	164.6	152.3	146.4	141.9	125.7	97.1	72.1
15°	325.2	278.1	233.0	199.9	177.3	163.0	155.4	151.1	135.8	103.7	75.2
12.5°	338.0	297.3	249.6	214.4	189.5	173.4	164.2	160.1	146.0	108.1	76.8
10°	348.7	313.9	264.6	227.9	201.1	183.5	172.6	166.5	149.9	110.2	78.2
7.5°	357.5	327.9	277.8	240.3	210.6	188.5	173.9	167.7	152.2	111.9	79.4
5°	363.7	336.1	284.1	243.5	211.3	188.1	173.9	168.6	153.8	113.0	80.3
2.5°	364.6	337.0	285.7	244.6	211.5	187.3	173.8	169.4	154.7	113.6	80.9
0°	364.5	335.8	285.9	244.7	211.0	186.0	173.5	169.8	154.8	113.6	81.1
-2.5°	364.6	337.0	285.7	244.6	211.5	187.3	173.8	169.4	154.7	113.6	80.9
-5°	363.7	336.1	284.1	243.5	211.3	188.1	173.9	168.6	153.8	113.0	80.3
-7.5°	357.5	327.9	277.8	240.3	210.6	188.5	173.9	167.7	152.2	111.9	79.4
-10°	348.7	313.9	264.6	227.9	201.1	183.5	172.6	166.5	149.9	110.2	78.2
-12.5°	338.0	297.3	249.6	214.4	189.5	173.4	164.2	160.1	146.0	108.1	76.8
-15°	325.2	278.1	233.0	199.9	177.3	163.0	155.4	151.1	135.8	103.7	75.2
-17.5°	310.1	256.2	214.5	184.3	164.6	152.3	146.4	141.9	125.7	97.1	72.1
-20°	287.5	235.6	194.6	167.6	151.4	141.3	137.0	132.5	115.7	90.2	67.7



REPORT NUMBER: P558889 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-930-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°	262.6	217.3	180.5	152.3	138.3	130.1	127.4	122.9	106.0	83.3	63.3
-25°	237.0	198.0	166.8	143.1	126.2	119.7	117.1	113.1	96.6	76.3	58.7
-27.5°	213.7	179.1	152.6	133.4	119.1	108.8	106.3	101.7	87.8	69.3	54.0
-30°	190.9	163.0	140.8	123.7	111.5	102.4	95.4	91.0	79.3	63.1	49.3
-32.5°	172.4	146.7	129.2	115.1	104.3	96.0	87.2	81.4	71.0	57.3	44.9
-35°	158.7	134.5	117.4	106.0	97.0	88.9	80.6	72.8	62.9	51.6	40.7
-37.5°	144.4	124.8	107.2	97.0	89.4	81.4	73.9	66.0	55.2	46.0	36.5
-40°	133.3	115.5	99.9	88.3	81.0	73.5	67.1	59.0	48.5	40.4	32.5
-42.5°	121.9	107.4	93.3	80.3	72.2	66.0	60.2	52.1	43.2	35.5	28.4
-45°	112.9	99.4	86.7	73.7	63.2	58.3	53.0	45.7	38.1	31.0	24.8
-47.5°	103.9	91.7	79.2	66.6	55.2	50.7	46.2	40.2	33.2	26.8	21.6
-50°	95.1	83.2	71.1	59.9	49.4	44.0	40.0	35.0	29.2	23.2	18.4
-52.5°	84.4	74.0	63.2	53.2	44.4	37.8	34.6	30.0	25.3	20.1	15.4
-55°	73.0	65.1	55.5	46.9	39.3	33.0	29.5	25.8	21.4	17.1	12.6
-57.5°	62.9	56.2	48.2	40.7	34.5	28.9	25.0	21.8	18.1	14.2	10.8
-60°	53.6	47.7	40.7	35.2	30.0	24.9	20.9	18.0	15.0	11.5	9.0
-62.5°	45.8	40.0	35.0	30.2	25.5	21.1	17.0	14.7	11.8	9.6	7.3
-65°	39.0	34.2	29.6	25.3	21.1	17.2	13.8	11.4	9.6	7.7	5.8
-67.5°	32.5	27.8	23.9	20.2	16.8	13.6	10.6	9.0	7.5	5.8	4.8
-70°	23.9	20.5	18.2	15.5	12.7	10.1	8.3	6.8	5.5	4.7	3.8
-72.5°	16.5	14.8	13.0	10.9	9.1	7.5	6.0	4.9	4.4	3.7	2.8
-75°	10.7	9.7	8.8	7.5	6.1	4.9	4.4	3.8	3.3	2.6	2.5
-77.5°	7.0	6.1	5.2	4.6	4.2	3.7	3.2	2.8	2.5	2.5	2.5
-80°	4.2	3.9	3.6	3.2	2.9	2.5	2.5	2.5	2.5	2.5	2.5
-82.5°	2.6	2.4	2.3	2.1	2.1	2.2	2.3	2.5	2.5	2.5	2.2
-85°	1.7	1.6	1.5	1.4	1.6	1.9	2.0	2.1	1.9	1.7	1.5
-87.5°	0.8	0.8	0.7	0.7	0.8	0.9	1.0	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°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
82.5°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
80°	2.5	2.2	1.7	1.3	0.9	0.4	0.0
77.5°	2.5	2.5	2.2	1.6	1.1	0.5	0.0
75°	2.5	2.5	2.5	1.9	1.3	0.6	0.0
72.5°	2.5	2.5	2.5	2.2	1.5	0.8	0.0
70°	2.6	2.5	2.5	2.5	1.7	0.9	0.0
67.5°	3.6	2.5	2.5	2.5	1.9	1.0	0.0
65°	4.5	2.9	2.5	2.5	2.1	1.1	0.0
62.5°	5.4	3.7	2.5	2.5	2.3	1.2	0.0
60°	6.3	4.6	2.5	2.5	2.5	1.2	0.0
57.5°	8.0	5.4	3.1	2.5	2.5	1.3	0.0
55°	9.7	6.2	3.8	2.5	2.5	1.4	0.0
52.5°	11.5	7.1	4.5	2.5	2.6	1.5	0.0
50°	13.3	8.7	5.1	2.5	2.6	1.6	0.0
47.5°	15.2	10.2	5.8	2.6	2.6	1.7	0.0
45°	18.0	11.8	6.4	3.1	2.6	1.8	0.0
42.5°	20.9	13.4	7.0	3.5	2.7	1.8	0.0
40°	23.7	15.0	7.9	4.0	2.7	1.9	0.0
37.5°	26.6	16.6	9.1	4.4	2.8	2.0	0.0
35°	29.6	18.7	10.3	4.8	2.8	2.0	0.0
32.5°	32.6	20.9	11.5	5.1	2.9	2.1	0.0
30°	36.0	23.2	12.6	5.4	2.9	2.2	0.0
27.5°	39.4	25.4	13.4	5.7	3.0	2.2	0.0
25°	42.7	27.5	13.9	5.9	3.1	2.3	0.0
22.5°	45.9	29.2	14.4	6.0	3.1	2.3	0.0
20°	49.1	29.8	14.7	6.2	3.2	2.3	0.0
17.5°	50.8	30.2	14.9	6.3	3.3	2.4	0.0
15°	51.4	30.4	15.0	6.4	3.3	2.4	0.0
12.5°	51.7	30.4	15.0	6.4	3.4	2.4	0.0
10°	51.9	30.1	14.9	6.4	3.5	2.5	0.0
7.5°	51.8	29.7	14.7	6.4	3.5	2.5	0.0
5°	51.4	29.1	14.5	6.3	3.6	2.5	0.0
2.5°	50.8	28.4	14.1	6.3	3.6	2.5	0.0
0°	49.9	27.5	13.7	6.2	3.7	2.5	0.0
-2.5°	50.8	28.4	14.1	6.3	3.6	2.5	0.0
-5°	51.4	29.1	14.5	6.3	3.6	2.5	0.0
-7.5°	51.8	29.7	14.7	6.4	3.5	2.5	0.0
-10°	51.9	30.1	14.9	6.4	3.5	2.5	0.0
-12.5°	51.7	30.4	15.0	6.4	3.4	2.4	0.0
-15°	51.4	30.4	15.0	6.4	3.3	2.4	0.0
-17.5°	50.8	30.2	14.9	6.3	3.3	2.4	0.0
-20°	49.1	29.8	14.7	6.2	3.2	2.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	45.9	29.2	14.4	6.0	3.1	2.3	0.0
-25°	42.7	27.5	13.9	5.9	3.1	2.3	0.0
-27.5°	39.4	25.4	13.4	5.7	3.0	2.2	0.0
-30°	36.0	23.2	12.6	5.4	2.9	2.2	0.0
-32.5°	32.6	20.9	11.5	5.1	2.9	2.1	0.0
-35°	29.6	18.7	10.3	4.8	2.8	2.0	0.0
-37.5°	26.6	16.6	9.1	4.4	2.8	2.0	0.0
-40°	23.7	15.0	7.9	4.0	2.7	1.9	0.0
-42.5°	20.9	13.4	7.0	3.5	2.7	1.8	0.0
-45°	18.0	11.8	6.4	3.1	2.6	1.8	0.0
-47.5°	15.2	10.2	5.8	2.6	2.6	1.7	0.0
-50°	13.3	8.7	5.1	2.5	2.6	1.6	0.0
-52.5°	11.5	7.1	4.5	2.5	2.6	1.5	0.0
-55°	9.7	6.2	3.8	2.5	2.5	1.4	0.0
-57.5°	8.0	5.4	3.1	2.5	2.5	1.3	0.0
-60°	6.3	4.6	2.5	2.5	2.5	1.2	0.0
-62.5°	5.4	3.7	2.5	2.5	2.3	1.2	0.0
-65°	4.5	2.9	2.5	2.5	2.1	1.1	0.0
-67.5°	3.6	2.5	2.5	2.5	1.9	1.0	0.0
-70°	2.6	2.5	2.5	2.5	1.7	0.9	0.0
-72.5°	2.5	2.5	2.5	2.2	1.5	0.8	0.0
-75°	2.5	2.5	2.5	1.9	1.3	0.6	0.0
-77.5°	2.5	2.5	2.2	1.6	1.1	0.5	0.0
-80°	2.5	2.2	1.7	1.3	0.9	0.4	0.0
-82.5°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
-85°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
-87.5°	0.6	0.5	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)