

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: P558844 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-927-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558844 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-4)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA3E-927-U-MR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (48) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

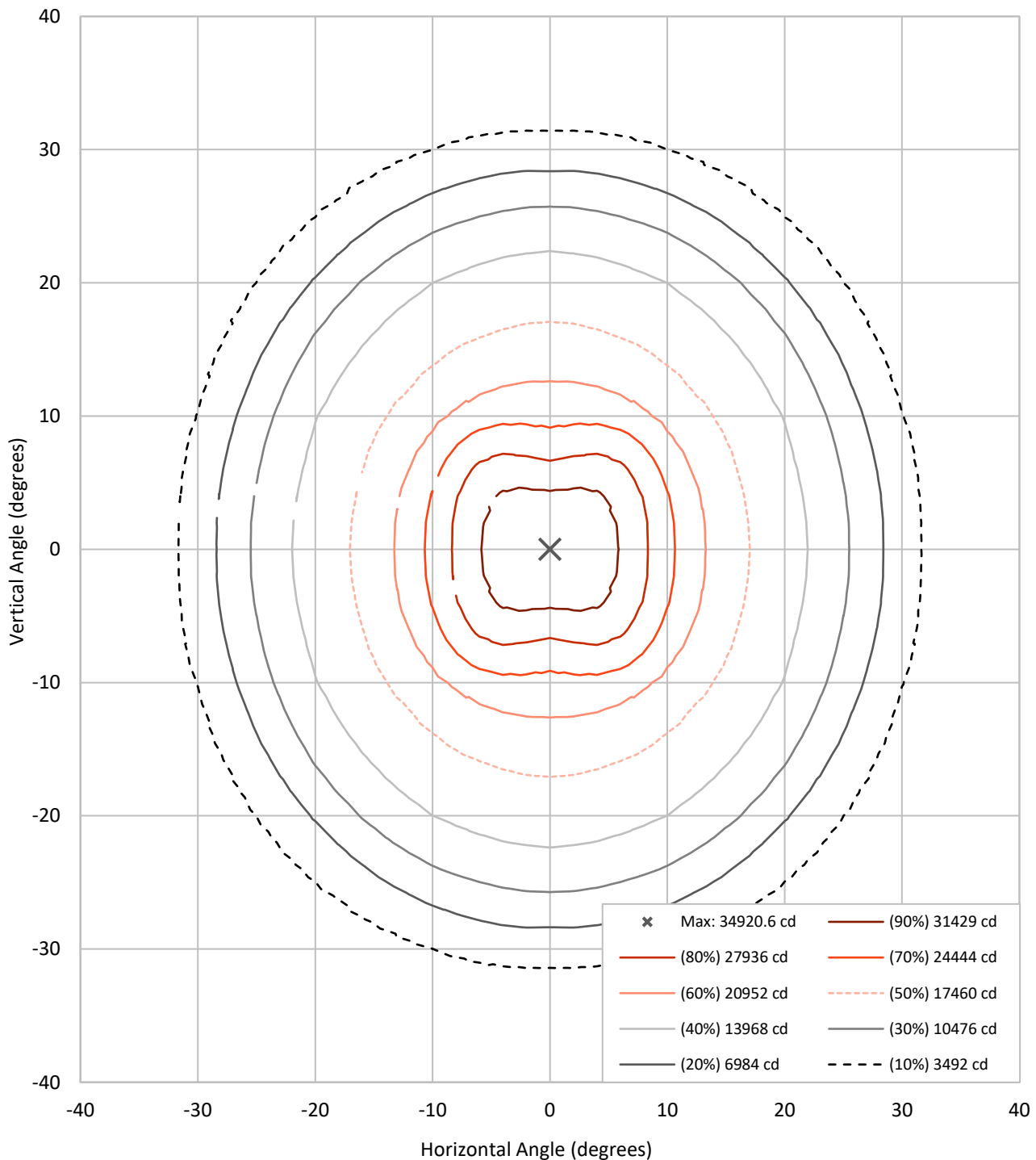
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	15448 lumens	Max Intensity:	34920.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	84.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	6579.8 lumens	Field Lumens:	13447.9 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 182
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: P558844 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





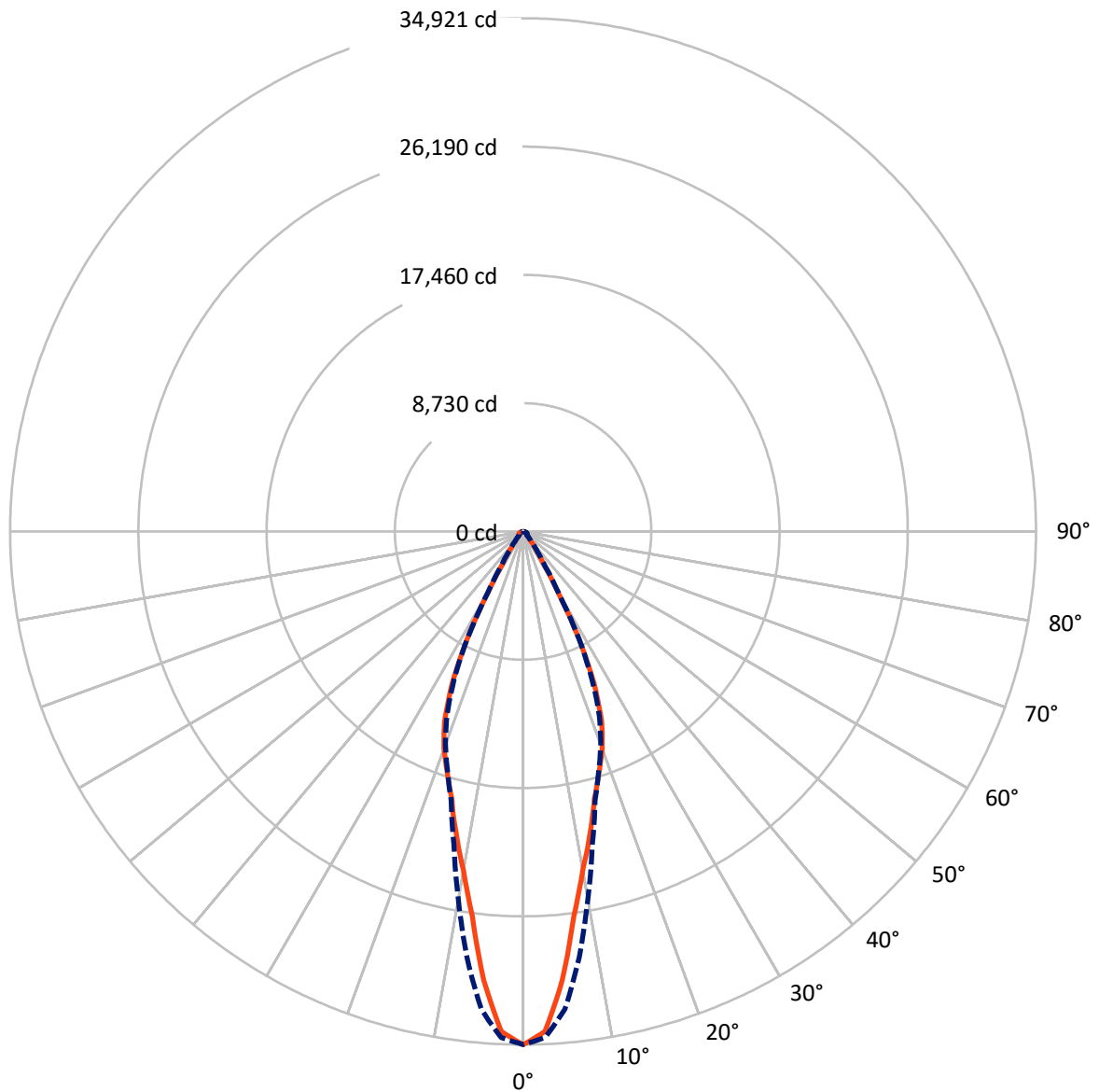
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Lumen Table

90																			
80	0.2	1.7		4.8		7.9		9.2		7.9		4.8		1.7		0.2			
70																			
60	0.8	0.9	2.0	3.4	5.0	6.4	7.5	8.2	8.2	7.5	6.4	5.0	3.4	2.0	0.9	0.8			
50		1.4	3.2	5.5	7.4	8.4	8.9	9.1	9.1	8.9	8.4	7.4	5.5	3.2	1.4				
40	1.5	2.0	4.4	6.6	7.7	9.5	12.2	14.1	14.1	12.2	9.5	7.7	6.6	4.4	2.0	1.5			
30		2.5	5.1	6.6	10.0	19.7	37.4	57.2	57.2	37.4	19.7	10.0	6.6	5.1	2.5				
20	2.0	3.0	5.3	7.4	18.1	60.1	189.0	311.2	311.2	189.0	60.1	18.1	7.4	5.3	3.0	2.0			
10		3.2	5.3	9.1	33.8	178.2	421.0	557.6	557.6	421.0	178.2	33.8	9.1	5.3	3.2				
0	2.2	3.4	5.3	10.5	51.3	280.7	547.6	864.1	864.1	547.6	280.7	51.3	10.5	5.3	3.4	2.2			
-10		3.4	5.3	10.5	51.3	280.7	547.6	864.1	864.1	547.6	280.7	51.3	10.5	5.3	3.4				
-20	2.0	3.2	5.3	9.1	33.8	178.2	421.0	557.6	557.6	421.0	178.2	33.8	9.1	5.3	3.2	2.0			
-30		3.0	5.3	7.4	18.1	60.1	189.0	311.2	311.2	189.0	60.1	18.1	7.4	5.3	3.0				
-40	1.5	2.5	5.1	6.6	10.0	19.7	37.4	57.2	57.2	37.4	19.7	10.0	6.6	5.1	2.5	1.5			
-50		2.0	4.4	6.6	7.7	9.5	12.2	14.1	14.1	12.2	9.5	7.7	6.6	4.4	2.0				
-60	0.8	1.4	3.2	5.5	7.4	8.4	8.9	9.1	9.1	8.9	8.4	7.4	5.5	3.2	1.4	0.8			
-70		0.9	2.0	3.4	5.0	6.4	7.5	8.2	8.2	7.5	6.4	5.0	3.4	2.0	0.9				
-80																			
-90	0.2	1.7		4.8		7.9		9.2		7.9		4.8		1.7		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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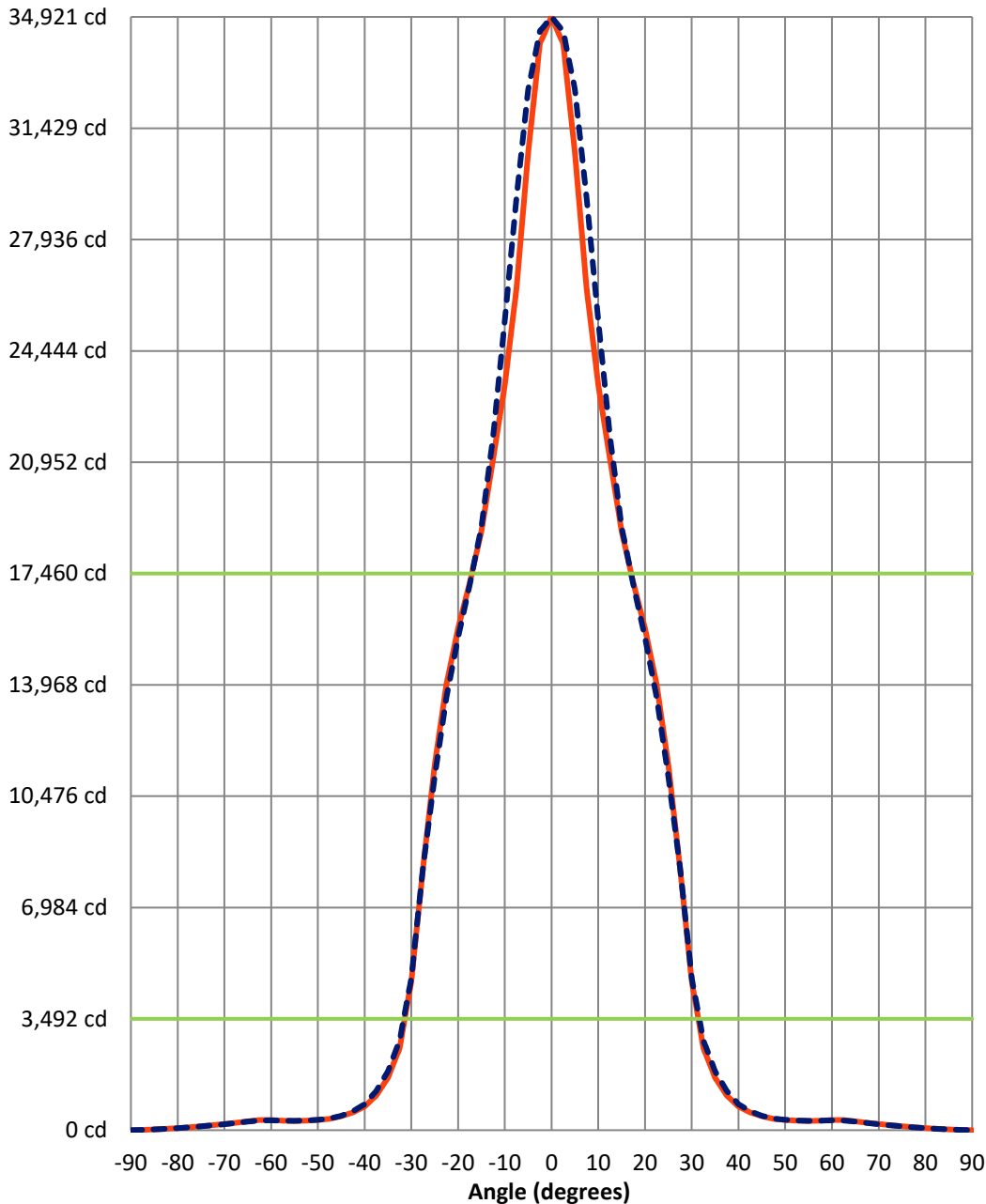
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 34°
 V Angle: 34.1°
 Lumens: 6579.8
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 13447.9
 Efficiency: 87.1%

Spill:
 Lumens: 2000.1
 Efficiency: 12.9%

— 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	0.4	0.8	1.2	1.5	1.9	2.3	2.7	3.0	3.4	3.8
85°	0.0	0.8	1.5	2.3	3.1	3.8	4.6	5.3	6.1	6.8	7.5
82.5°	0.0	1.2	2.3	3.5	4.6	5.8	6.9	8.0	9.3	11.1	12.8
80°	0.0	1.5	3.1	4.6	6.2	7.7	9.4	12.0	14.5	16.9	19.0
77.5°	0.0	1.9	3.8	5.8	7.7	10.1	13.5	16.8	19.8	22.6	25.5
75°	0.0	2.3	4.6	6.9	9.4	13.4	17.6	21.5	25.1	28.9	32.9
72.5°	0.0	2.7	5.3	8.0	12.0	16.7	21.6	26.2	30.7	35.3	40.1
70°	0.0	3.0	6.1	9.3	14.5	19.9	25.6	30.9	36.2	41.7	48.7
67.5°	0.0	3.4	6.8	11.1	17.0	23.1	29.6	35.6	41.7	49.7	57.5
65°	0.0	3.8	7.5	12.9	19.4	26.4	33.5	40.2	48.7	57.5	66.9
62.5°	0.0	4.1	8.2	14.7	21.8	29.8	37.5	45.8	55.6	65.7	77.8
60°	0.0	4.4	8.9	16.4	24.1	33.1	41.4	51.7	62.3	75.3	88.4
57.5°	0.0	4.8	10.0	18.0	26.8	36.4	46.2	57.5	70.3	84.7	99.3
55°	0.0	5.1	11.1	19.6	29.4	39.6	51.1	63.2	78.5	93.9	110.1
52.5°	0.0	5.4	12.2	21.2	32.0	42.9	55.8	69.9	86.4	103.1	120.4
50°	0.0	5.7	13.2	22.7	34.5	46.7	60.5	76.6	94.1	112.0	131.3
47.5°	0.0	6.0	14.2	24.2	37.0	50.4	65.0	83.0	101.5	120.4	142.1
45°	0.0	6.3	15.2	26.0	39.3	54.0	70.2	89.0	108.6	129.8	152.6
42.5°	0.0	6.6	16.1	27.7	41.6	57.4	75.1	94.9	115.5	139.0	163.4
40°	0.0	6.8	17.0	29.4	44.1	60.7	79.8	100.7	122.6	147.9	173.8
37.5°	0.0	7.1	17.9	31.0	46.5	63.8	84.1	106.2	130.0	156.4	183.8
35°	0.0	7.3	18.7	32.5	48.9	67.1	88.2	111.5	137.1	164.8	193.4
32.5°	0.0	7.5	19.5	33.9	51.1	70.3	92.1	116.4	143.7	172.6	202.5
30°	0.0	7.7	20.3	35.1	53.2	73.2	96.1	121.3	149.8	179.9	211.1
27.5°	0.0	7.9	21.0	36.3	55.0	75.9	99.7	126.2	155.6	186.7	219.0
25°	0.0	8.1	21.6	37.3	56.6	78.4	103.1	130.8	161.1	193.2	226.4
22.5°	0.0	8.2	22.2	38.2	58.0	80.6	106.3	134.9	166.1	199.1	233.8
20°	0.0	8.4	22.8	39.0	59.3	82.5	109.1	138.5	170.6	204.5	240.3
17.5°	0.0	8.5	23.3	39.7	60.5	84.1	111.6	141.8	174.6	209.3	246.1
15°	0.0	8.6	23.7	40.3	61.4	85.5	113.7	144.6	178.1	213.4	251.1
12.5°	0.0	8.7	24.1	40.8	62.2	86.7	115.6	147.0	181.0	216.9	255.2
10°	0.0	8.8	24.5	41.1	62.9	87.6	117.2	149.0	183.2	220.0	258.9
7.5°	0.0	8.8	24.7	41.4	63.3	88.3	118.4	150.6	184.9	222.6	262.7
5°	0.0	8.9	24.9	41.5	63.6	88.7	119.3	151.7	186.0	224.6	265.8
2.5°	0.0	8.9	25.1	41.6	63.7	88.9	119.8	152.4	186.6	226.0	268.1
0°	0.0	8.9	25.2	41.5	63.7	88.9	120.0	152.6	186.6	226.6	269.6
-2.5°	0.0	8.9	25.1	41.6	63.7	88.9	119.8	152.4	186.6	226.0	268.1
-5°	0.0	8.9	24.9	41.5	63.6	88.7	119.3	151.7	186.0	224.6	265.8
-7.5°	0.0	8.8	24.7	41.4	63.3	88.3	118.4	150.6	184.9	222.6	262.7
-10°	0.0	8.8	24.5	41.1	62.9	87.6	117.2	149.0	183.2	220.0	258.9
-12.5°	0.0	8.7	24.1	40.8	62.2	86.7	115.6	147.0	181.0	216.9	255.2
-15°	0.0	8.6	23.7	40.3	61.4	85.5	113.7	144.6	178.1	213.4	251.1
-17.5°	0.0	8.5	23.3	39.7	60.5	84.1	111.6	141.8	174.6	209.3	246.1
-20°	0.0	8.4	22.8	39.0	59.3	82.5	109.1	138.5	170.6	204.5	240.3



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	8.2	22.2	38.2	58.0	80.6	106.3	134.9	166.1	199.1	233.8
-25°	0.0	8.1	21.6	37.3	56.6	78.4	103.1	130.8	161.1	193.2	226.4
-27.5°	0.0	7.9	21.0	36.3	55.0	75.9	99.7	126.2	155.6	186.7	219.0
-30°	0.0	7.7	20.3	35.1	53.2	73.2	96.1	121.3	149.8	179.9	211.1
-32.5°	0.0	7.5	19.5	33.9	51.1	70.3	92.1	116.4	143.7	172.6	202.5
-35°	0.0	7.3	18.7	32.5	48.9	67.1	88.2	111.5	137.1	164.8	193.4
-37.5°	0.0	7.1	17.9	31.0	46.5	63.8	84.1	106.2	130.0	156.4	183.8
-40°	0.0	6.8	17.0	29.4	44.1	60.7	79.8	100.7	122.6	147.9	173.8
-42.5°	0.0	6.6	16.1	27.7	41.6	57.4	75.1	94.9	115.5	139.0	163.4
-45°	0.0	6.3	15.2	26.0	39.3	54.0	70.2	89.0	108.6	129.8	152.6
-47.5°	0.0	6.0	14.2	24.2	37.0	50.4	65.0	83.0	101.5	120.4	142.1
-50°	0.0	5.7	13.2	22.7	34.5	46.7	60.5	76.6	94.1	112.0	131.3
-52.5°	0.0	5.4	12.2	21.2	32.0	42.9	55.8	69.9	86.4	103.1	120.4
-55°	0.0	5.1	11.1	19.6	29.4	39.6	51.1	63.2	78.5	93.9	110.1
-57.5°	0.0	4.8	10.0	18.0	26.8	36.4	46.2	57.5	70.3	84.7	99.3
-60°	0.0	4.4	8.9	16.4	24.1	33.1	41.4	51.7	62.3	75.3	88.4
-62.5°	0.0	4.1	8.2	14.7	21.8	29.8	37.5	45.8	55.6	65.7	77.8
-65°	0.0	3.8	7.5	12.9	19.4	26.4	33.5	40.2	48.7	57.5	66.9
-67.5°	0.0	3.4	6.8	11.1	17.0	23.1	29.6	35.6	41.7	49.7	57.5
-70°	0.0	3.0	6.1	9.3	14.5	19.9	25.6	30.9	36.2	41.7	48.7
-72.5°	0.0	2.7	5.3	8.0	12.0	16.7	21.6	26.2	30.7	35.3	40.1
-75°	0.0	2.3	4.6	6.9	9.4	13.4	17.6	21.5	25.1	28.9	32.9
-77.5°	0.0	1.9	3.8	5.8	7.7	10.1	13.5	16.8	19.8	22.6	25.5
-80°	0.0	1.5	3.1	4.6	6.2	7.7	9.4	12.0	14.5	16.9	19.0
-82.5°	0.0	1.2	2.3	3.5	4.6	5.8	6.9	8.0	9.3	11.1	12.8
-85°	0.0	0.8	1.5	2.3	3.1	3.8	4.6	5.3	6.1	6.8	7.5
-87.5°	0.0	0.4	0.8	1.2	1.5	1.9	2.3	2.7	3.0	3.4	3.8
-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):

	-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°	4.1	4.4	4.8	5.1	5.4	5.7	6.0	6.3	6.6	6.8	7.1
85°	8.2	8.9	10.0	11.1	12.0	12.9	13.7	14.4	15.2	16.0	16.7
82.5°	14.6	16.3	17.9	19.5	20.8	21.9	23.1	24.7	26.5	28.3	30.1
80°	21.3	23.6	26.4	29.2	31.8	34.3	36.8	39.3	41.8	44.4	47.0
77.5°	29.0	32.7	36.3	40.1	43.7	47.8	52.0	56.0	59.7	63.0	66.1
75°	37.2	41.6	47.1	52.6	58.0	63.2	68.4	74.1	79.2	83.7	88.0
72.5°	46.0	52.5	59.1	65.7	73.0	80.1	87.0	93.6	99.6	105.3	111.0
70°	55.9	63.3	72.1	81.0	89.5	97.6	105.5	113.0	120.0	127.5	135.4
67.5°	65.9	76.2	86.3	96.3	106.3	115.5	124.2	133.9	143.4	152.7	161.7
65°	77.9	89.2	100.9	112.4	123.3	134.4	145.6	156.6	167.8	178.4	188.3
62.5°	89.7	102.9	115.8	128.5	141.5	154.2	167.2	180.1	192.5	205.4	217.8
60°	102.3	116.7	130.9	145.2	159.7	174.9	189.4	204.5	219.7	234.3	248.5
57.5°	114.7	130.4	145.9	162.1	179.1	195.8	213.0	229.9	247.3	264.0	278.5
55°	126.9	143.8	161.2	179.8	198.4	217.6	236.8	256.5	275.2	289.3	302.5
52.5°	139.1	157.2	177.2	197.4	218.1	239.6	261.9	281.0	296.6	308.6	311.5
50°	151.1	171.8	192.9	215.1	238.0	262.3	283.6	300.9	309.7	313.1	311.3
47.5°	163.7	185.9	208.7	232.5	258.1	281.4	301.5	310.3	314.5	310.0	304.4
45°	176.2	200.0	224.1	250.3	275.8	297.9	309.2	315.5	309.8	304.4	300.5
42.5°	188.2	213.7	240.1	267.1	290.9	306.4	313.6	310.0	305.2	301.0	302.4
40°	200.2	226.9	255.8	281.2	302.7	310.6	309.4	304.9	302.1	304.0	310.0
37.5°	211.6	240.8	270.3	294.9	306.5	309.7	304.3	301.5	303.6	310.6	324.0
35°	222.5	254.1	282.2	302.8	310.6	305.1	301.2	300.8	308.8	323.0	342.8
32.5°	233.5	266.8	293.3	306.3	307.5	301.5	298.6	305.4	317.9	336.7	370.0
30°	244.3	276.6	301.6	309.4	304.0	299.3	300.9	310.8	327.7	358.9	412.8
27.5°	254.1	285.4	304.2	308.0	301.0	297.1	304.4	319.1	343.8	385.4	462.4
25°	263.0	293.4	306.5	305.1	299.0	298.5	308.5	326.7	360.7	428.0	533.5
22.5°	270.4	300.7	308.8	302.5	297.0	300.9	314.9	340.1	385.7	468.2	607.7
20°	276.4	302.6	308.3	300.0	295.0	302.9	320.6	353.4	419.3	531.0	691.2
17.5°	281.8	304.2	306.2	298.3	296.2	306.0	326.5	365.1	449.1	585.0	771.4
15°	286.6	305.6	304.2	296.9	297.6	310.2	336.1	387.3	484.9	635.9	843.4
12.5°	290.8	306.8	302.4	295.7	298.7	313.6	344.3	407.5	520.2	691.1	958.9
10°	294.3	307.8	300.6	294.7	299.4	316.4	351.0	423.4	547.4	737.9	1055.9
7.5°	297.5	308.6	299.2	293.9	299.8	318.4	356.0	435.1	566.7	775.4	1128.4
5°	299.9	309.2	298.4	293.6	300.9	320.6	359.7	442.7	578.5	802.8	1176.9
2.5°	301.4	309.5	297.9	293.4	302.4	323.6	362.9	449.1	589.0	816.4	1211.4
0°	302.2	309.6	297.7	293.3	303.7	325.9	364.4	451.8	594.0	816.2	1232.4
-2.5°	301.4	309.5	297.9	293.4	302.4	323.6	362.9	449.1	589.0	816.4	1211.4
-5°	299.9	309.2	298.4	293.6	300.9	320.6	359.7	442.7	578.5	802.8	1176.9
-7.5°	297.5	308.6	299.2	293.9	299.8	318.4	356.0	435.1	566.7	775.4	1128.4
-10°	294.3	307.8	300.6	294.7	299.4	316.4	351.0	423.4	547.4	737.9	1055.9
-12.5°	290.8	306.8	302.4	295.7	298.7	313.6	344.3	407.5	520.2	691.1	958.9
-15°	286.6	305.6	304.2	296.9	297.6	310.2	336.1	387.3	484.9	635.9	843.4
-17.5°	281.8	304.2	306.2	298.3	296.2	306.0	326.5	365.1	449.1	585.0	771.4
-20°	276.4	302.6	308.3	300.0	295.0	302.9	320.6	353.4	419.3	531.0	691.2



REPORT NUMBER: P558844 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	270.4	300.7	308.8	302.5	297.0	300.9	314.9	340.1	385.7	468.2	607.7
-25°	263.0	293.4	306.5	305.1	299.0	298.5	308.5	326.7	360.7	428.0	533.5
-27.5°	254.1	285.4	304.2	308.0	301.0	297.1	304.4	319.1	343.8	385.4	462.4
-30°	244.3	276.6	301.6	309.4	304.0	299.3	300.9	310.8	327.7	358.9	412.8
-32.5°	233.5	266.8	293.3	306.3	307.5	301.5	298.6	305.4	317.9	336.7	370.0
-35°	222.5	254.1	282.2	302.8	310.6	305.1	301.2	300.8	308.8	323.0	342.8
-37.5°	211.6	240.8	270.3	294.9	306.5	309.7	304.3	301.5	303.6	310.6	324.0
-40°	200.2	226.9	255.8	281.2	302.7	310.6	309.4	304.9	302.1	304.0	310.0
-42.5°	188.2	213.7	240.1	267.1	290.9	306.4	313.6	310.0	305.2	301.0	302.4
-45°	176.2	200.0	224.1	250.3	275.8	297.9	309.2	315.5	309.8	304.4	300.5
-47.5°	163.7	185.9	208.7	232.5	258.1	281.4	301.5	310.3	314.5	310.0	304.4
-50°	151.1	171.8	192.9	215.1	238.0	262.3	283.6	300.9	309.7	313.1	311.3
-52.5°	139.1	157.2	177.2	197.4	218.1	239.6	261.9	281.0	296.6	308.6	311.5
-55°	126.9	143.8	161.2	179.8	198.4	217.6	236.8	256.5	275.2	289.3	302.5
-57.5°	114.7	130.4	145.9	162.1	179.1	195.8	213.0	229.9	247.3	264.0	278.5
-60°	102.3	116.7	130.9	145.2	159.7	174.9	189.4	204.5	219.7	234.3	248.5
-62.5°	89.7	102.9	115.8	128.5	141.5	154.2	167.2	180.1	192.5	205.4	217.8
-65°	77.9	89.2	100.9	112.4	123.3	134.4	145.6	156.6	167.8	178.4	188.3
-67.5°	65.9	76.2	86.3	96.3	106.3	115.5	124.2	133.9	143.4	152.7	161.7
-70°	55.9	63.3	72.1	81.0	89.5	97.6	105.5	113.0	120.0	127.5	135.4
-72.5°	46.0	52.5	59.1	65.7	73.0	80.1	87.0	93.6	99.6	105.3	111.0
-75°	37.2	41.6	47.1	52.6	58.0	63.2	68.4	74.1	79.2	83.7	88.0
-77.5°	29.0	32.7	36.3	40.1	43.7	47.8	52.0	56.0	59.7	63.0	66.1
-80°	21.3	23.6	26.4	29.2	31.8	34.3	36.8	39.3	41.8	44.4	47.0
-82.5°	14.6	16.3	17.9	19.5	20.8	21.9	23.1	24.7	26.5	28.3	30.1
-85°	8.2	8.9	10.0	11.1	12.0	12.9	13.7	14.4	15.2	16.0	16.7
-87.5°	4.1	4.4	4.8	5.1	5.4	5.7	6.0	6.3	6.6	6.8	7.1
-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: P558844 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-927-U-MR-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°	7.3	7.2	7.1	6.9	6.7	6.8	7.0	7.1	7.1	7.6	8.0
85°	17.4	18.2	19.0	19.8	20.6	21.2	21.7	22.2	22.6	22.9	23.2
82.5°	31.7	33.3	34.9	36.3	37.5	38.6	39.5	40.3	41.0	41.6	42.1
80°	49.4	51.6	53.6	55.3	56.8	58.2	59.3	60.2	60.9	62.3	63.8
77.5°	69.2	72.2	75.1	77.7	80.0	82.3	84.5	86.4	88.2	89.5	90.5
75°	92.0	95.9	99.8	103.4	106.7	110.0	113.3	116.3	119.0	120.8	122.2
72.5°	116.6	121.9	126.6	131.2	135.2	139.4	143.5	147.1	150.4	152.9	154.8
70°	143.0	149.8	155.3	160.5	165.6	170.7	175.7	180.1	183.9	187.0	189.5
67.5°	170.2	178.0	185.0	191.8	198.6	205.0	211.0	216.7	221.9	225.8	228.5
65°	198.1	208.1	217.3	225.7	233.3	240.5	248.1	255.0	261.4	266.6	270.6
62.5°	229.6	241.0	251.4	260.8	269.2	275.9	283.1	289.7	295.6	301.1	306.5
60°	261.9	274.5	283.7	291.6	298.9	305.3	307.8	310.3	312.2	314.0	316.2
57.5°	290.0	300.9	308.7	310.5	312.1	313.5	312.6	310.1	307.5	304.8	302.7
55°	309.6	312.7	316.2	313.5	309.1	305.1	301.5	299.1	296.7	294.6	292.8
52.5°	314.8	311.8	308.2	304.1	301.2	298.1	295.0	295.6	296.5	297.2	297.6
50°	307.2	303.7	301.7	299.4	299.8	301.4	302.7	305.6	309.2	311.8	314.0
47.5°	301.3	299.0	301.9	305.7	309.2	315.6	321.2	326.8	335.3	342.1	347.6
45°	299.6	305.2	311.1	320.2	328.3	342.3	355.5	366.5	387.0	405.7	420.5
42.5°	308.1	317.8	328.3	346.1	365.4	390.2	422.1	449.0	480.5	509.9	531.1
40°	322.1	336.3	360.0	388.8	433.9	474.0	526.7	571.8	614.2	659.0	692.8
37.5°	342.2	368.7	413.1	464.8	533.3	599.0	671.7	742.2	802.2	893.2	964.4
35°	372.0	425.7	488.7	575.2	664.6	765.4	871.6	1008.4	1128.9	1270.2	1403.1
32.5°	426.4	499.1	597.9	714.8	833.7	1007.5	1171.6	1393.9	1593.7	1843.0	2111.2
30°	490.1	598.6	731.3	883.9	1099.1	1338.3	1608.0	1949.0	2354.2	2836.7	3484.2
27.5°	577.8	717.1	884.0	1131.5	1436.8	1757.3	2235.5	2808.7	3853.4	4763.7	5970.3
25°	672.3	842.4	1106.3	1438.9	1840.6	2417.9	3352.8	4545.6	6235.1	7850.6	9142.1
22.5°	781.2	1029.7	1362.8	1776.8	2426.9	3544.6	4996.3	7096.9	8980.8	10610.1	11864.9
20°	901.7	1213.5	1661.2	2293.8	3400.9	5037.8	7368.2	9524.0	11448.2	12850.9	13959.5
17.5°	1057.9	1465.2	2033.2	2906.1	4605.3	7127.7	9530.2	11661.0	13335.2	14567.6	15550.5
15°	1203.8	1696.8	2433.0	3922.3	6241.5	8937.5	11400.1	13300.8	14749.7	15896.4	16780.1
12.5°	1375.9	1957.1	2900.3	4800.2	7746.1	10430.6	12727.7	14502.6	15897.8	16972.7	18157.1
10°	1529.1	2237.0	3569.9	5970.1	8981.7	11604.0	13834.7	15429.8	16828.9	18229.6	20005.6
7.5°	1655.7	2472.0	4119.0	6957.2	9930.3	12472.0	14504.2	16098.0	17639.9	19510.7	22072.2
5°	1756.1	2649.2	4570.8	7702.4	10619.9	13091.4	15015.5	16631.0	18372.7	20875.3	24312.8
2.5°	1823.4	2765.3	4853.2	8152.7	11055.0	13446.7	15394.5	16979.6	18805.7	21639.2	25230.6
0°	1850.1	2818.8	4781.5	8234.3	11081.3	13562.4	15451.0	17110.0	18929.0	21767.1	25399.1
-2.5°	1823.4	2765.3	4853.2	8152.7	11055.0	13446.7	15394.5	16979.6	18805.7	21639.2	25230.6
-5°	1756.1	2649.2	4570.8	7702.4	10619.9	13091.4	15015.5	16631.0	18372.7	20875.3	24312.8
-7.5°	1655.7	2472.0	4119.0	6957.2	9930.3	12472.0	14504.2	16098.0	17639.9	19510.7	22072.2
-10°	1529.1	2237.0	3569.9	5970.1	8981.7	11604.0	13834.7	15429.8	16828.9	18229.6	20005.6
-12.5°	1375.9	1957.1	2900.3	4800.2	7746.1	10430.6	12727.7	14502.6	15897.8	16972.7	18157.1
-15°	1203.8	1696.8	2433.0	3922.3	6241.5	8937.5	11400.1	13300.8	14749.7	15896.4	16780.1
-17.5°	1057.9	1465.2	2033.2	2906.1	4605.3	7127.7	9530.2	11661.0	13335.2	14567.6	15550.5
-20°	901.7	1213.5	1661.2	2293.8	3400.9	5037.8	7368.2	9524.0	11448.2	12850.9	13959.5



REPORT NUMBER: P558844 (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°	781.2	1029.7	1362.8	1776.8	2426.9	3544.6	4996.3	7096.9	8980.8	10610.1	11864.9
-25°	672.3	842.4	1106.3	1438.9	1840.6	2417.9	3352.8	4545.6	6235.1	7850.6	9142.1
-27.5°	577.8	717.1	884.0	1131.5	1436.8	1757.3	2235.5	2808.7	3853.4	4763.7	5970.3
-30°	490.1	598.6	731.3	883.9	1099.1	1338.3	1608.0	1949.0	2354.2	2836.7	3484.2
-32.5°	426.4	499.1	597.9	714.8	833.7	1007.5	1171.6	1393.9	1593.7	1843.0	2111.2
-35°	372.0	425.7	488.7	575.2	664.6	765.4	871.6	1008.4	1128.9	1270.2	1403.1
-37.5°	342.2	368.7	413.1	464.8	533.3	599.0	671.7	742.2	802.2	893.2	964.4
-40°	322.1	336.3	360.0	388.8	433.9	474.0	526.7	571.8	614.2	659.0	692.8
-42.5°	308.1	317.8	328.3	346.1	365.4	390.2	422.1	449.0	480.5	509.9	531.1
-45°	299.6	305.2	311.1	320.2	328.3	342.3	355.5	366.5	387.0	405.7	420.5
-47.5°	301.3	299.0	301.9	305.7	309.2	315.6	321.2	326.8	335.3	342.1	347.6
-50°	307.2	303.7	301.7	299.4	299.8	301.4	302.7	305.6	309.2	311.8	314.0
-52.5°	314.8	311.8	308.2	304.1	301.2	298.1	295.0	295.6	296.5	297.2	297.6
-55°	309.6	312.7	316.2	313.5	309.1	305.1	301.5	299.1	296.7	294.6	292.8
-57.5°	290.0	300.9	308.7	310.5	312.1	313.5	312.6	310.1	307.5	304.8	302.7
-60°	261.9	274.5	283.7	291.6	298.9	305.3	307.8	310.3	312.2	314.0	316.2
-62.5°	229.6	241.0	251.4	260.8	269.2	275.9	283.1	289.7	295.6	301.1	306.5
-65°	198.1	208.1	217.3	225.7	233.3	240.5	248.1	255.0	261.4	266.6	270.6
-67.5°	170.2	178.0	185.0	191.8	198.6	205.0	211.0	216.7	221.9	225.8	228.5
-70°	143.0	149.8	155.3	160.5	165.6	170.7	175.7	180.1	183.9	187.0	189.5
-72.5°	116.6	121.9	126.6	131.2	135.2	139.4	143.5	147.1	150.4	152.9	154.8
-75°	92.0	95.9	99.8	103.4	106.7	110.0	113.3	116.3	119.0	120.8	122.2
-77.5°	69.2	72.2	75.1	77.7	80.0	82.3	84.5	86.4	88.2	89.5	90.5
-80°	49.4	51.6	53.6	55.3	56.8	58.2	59.3	60.2	60.9	62.3	63.8
-82.5°	31.7	33.3	34.9	36.3	37.5	38.6	39.5	40.3	41.0	41.6	42.1
-85°	17.4	18.2	19.0	19.8	20.6	21.2	21.7	22.2	22.6	22.9	23.2
-87.5°	7.3	7.2	7.1	6.9	6.7	6.8	7.0	7.1	7.1	7.6	8.0
-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: P558844 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-927-U-MR-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°	8.5	8.9	8.9	8.9	8.9	8.9	8.5	8.0	7.6	7.1	7.1
85°	23.4	23.6	24.4	25.2	24.4	23.6	23.4	23.2	22.9	22.6	22.2
82.5°	42.5	42.8	42.9	43.0	42.9	42.8	42.5	42.1	41.6	41.0	40.3
80°	65.1	66.3	65.9	65.2	65.9	66.3	65.1	63.8	62.3	60.9	60.2
77.5°	91.1	91.3	91.0	90.4	91.0	91.3	91.1	90.5	89.5	88.2	86.4
75°	123.1	123.7	124.2	124.4	124.2	123.7	123.1	122.2	120.8	119.0	116.3
72.5°	156.4	157.6	157.6	157.0	157.6	157.6	156.4	154.8	152.9	150.4	147.1
70°	191.5	192.9	193.7	194.0	193.7	192.9	191.5	189.5	187.0	183.9	180.1
67.5°	230.3	231.3	232.3	232.6	232.3	231.3	230.3	228.5	225.8	221.9	216.7
65°	273.9	276.6	277.4	277.0	277.4	276.6	273.9	270.6	266.6	261.4	255.0
62.5°	311.6	316.1	318.0	318.5	318.0	316.1	311.6	306.5	301.1	295.6	289.7
60°	318.0	319.6	320.0	320.0	320.0	319.6	318.0	316.2	314.0	312.2	310.3
57.5°	300.8	299.0	298.0	297.7	298.0	299.0	300.8	302.7	304.8	307.5	310.1
55°	291.2	289.7	288.9	288.8	288.9	289.7	291.2	292.8	294.6	296.7	299.1
52.5°	297.7	297.5	298.1	299.2	298.1	297.5	297.7	297.6	297.2	296.5	295.6
50°	315.9	317.2	318.6	320.0	318.6	317.2	315.9	314.0	311.8	309.2	305.6
47.5°	351.5	353.5	354.8	355.5	354.8	353.5	351.5	347.6	342.1	335.3	326.8
45°	430.0	435.2	437.7	438.5	437.7	435.2	430.0	420.5	405.7	387.0	366.5
42.5°	545.2	553.0	556.3	557.0	556.3	553.0	545.2	531.1	509.9	480.5	449.0
40°	717.0	730.7	737.3	742.1	737.3	730.7	717.0	692.8	659.0	614.2	571.8
37.5°	1017.6	1052.2	1071.8	1088.7	1071.8	1052.2	1017.6	964.4	893.2	802.2	742.2
35°	1511.2	1590.4	1637.0	1647.2	1637.0	1590.4	1511.2	1403.1	1270.2	1128.9	1008.4
32.5°	2317.6	2472.9	2565.8	2577.4	2565.8	2472.9	2317.6	2111.2	1843.0	1593.7	1393.9
30°	3986.8	4422.1	4720.3	4679.3	4720.3	4422.1	3986.8	3484.2	2836.7	2354.2	1949.0
27.5°	6958.7	7748.0	8260.7	8218.0	8260.7	7748.0	6958.7	5970.3	4763.7	3853.4	2808.7
25°	10135.0	10861.5	11290.3	11448.6	11290.3	10861.5	10135.0	9142.1	7850.6	6235.1	4545.6
22.5°	12728.7	13378.2	13749.2	13971.2	13749.2	13378.2	12728.7	11864.9	10610.1	8980.8	7096.9
20°	14716.0	15279.3	15598.3	15735.4	15598.3	15279.3	14716.0	13959.5	12850.9	11448.2	9524.0
17.5°	16244.9	16716.4	17077.7	17170.7	17077.7	16716.4	16244.9	15550.5	14567.6	13335.2	11661.0
15°	17597.3	18206.4	18632.4	18791.2	18632.4	18206.4	17597.3	16780.1	15896.4	14749.7	13300.8
12.5°	19302.5	20361.7	20924.8	21054.6	20924.8	20361.7	19302.5	18157.1	16972.7	15897.8	14502.6
10°	21823.1	23451.2	23635.7	23383.1	23635.7	23451.2	21823.1	20005.6	18229.6	16828.9	15429.8
7.5°	25494.1	27664.9	27195.5	26413.8	27195.5	27664.9	25494.1	22072.2	19510.7	17639.9	16098.0
5°	28121.1	31135.0	31228.6	30654.6	31228.6	31135.0	28121.1	24312.8	20875.3	18372.7	16631.0
2.5°	29166.9	32269.5	33813.6	34066.7	33813.6	32269.5	29166.9	25230.6	21639.2	18805.7	16979.6
0°	29245.2	32635.1	34465.9	34920.6	34465.9	32635.1	29245.2	25399.1	21767.1	18929.0	17110.0
-2.5°	29166.9	32269.5	33813.6	34066.7	33813.6	32269.5	29166.9	25230.6	21639.2	18805.7	16979.6
-5°	28121.1	31135.0	31228.6	30654.6	31228.6	31135.0	28121.1	24312.8	20875.3	18372.7	16631.0
-7.5°	25494.1	27664.9	27195.5	26413.8	27195.5	27664.9	25494.1	22072.2	19510.7	17639.9	16098.0
-10°	21823.1	23451.2	23635.7	23383.1	23635.7	23451.2	21823.1	20005.6	18229.6	16828.9	15429.8
-12.5°	19302.5	20361.7	20924.8	21054.6	20924.8	20361.7	19302.5	18157.1	16972.7	15897.8	14502.6
-15°	17597.3	18206.4	18632.4	18791.2	18632.4	18206.4	17597.3	16780.1	15896.4	14749.7	13300.8
-17.5°	16244.9	16716.4	17077.7	17170.7	17077.7	16716.4	16244.9	15550.5	14567.6	13335.2	11661.0
-20°	14716.0	15279.3	15598.3	15735.4	15598.3	15279.3	14716.0	13959.5	12850.9	11448.2	9524.0



REPORT NUMBER: P558844 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12728.7	13378.2	13749.2	13971.2	13749.2	13378.2	12728.7	11864.9	10610.1	8980.8	7096.9
-25°	10135.0	10861.5	11290.3	11448.6	11290.3	10861.5	10135.0	9142.1	7850.6	6235.1	4545.6
-27.5°	6958.7	7748.0	8260.7	8218.0	8260.7	7748.0	6958.7	5970.3	4763.7	3853.4	2808.7
-30°	3986.8	4422.1	4720.3	4679.3	4720.3	4422.1	3986.8	3484.2	2836.7	2354.2	1949.0
-32.5°	2317.6	2472.9	2565.8	2577.4	2565.8	2472.9	2317.6	2111.2	1843.0	1593.7	1393.9
-35°	1511.2	1590.4	1637.0	1647.2	1637.0	1590.4	1511.2	1403.1	1270.2	1128.9	1008.4
-37.5°	1017.6	1052.2	1071.8	1088.7	1071.8	1052.2	1017.6	964.4	893.2	802.2	742.2
-40°	717.0	730.7	737.3	742.1	737.3	730.7	717.0	692.8	659.0	614.2	571.8
-42.5°	545.2	553.0	556.3	557.0	556.3	553.0	545.2	531.1	509.9	480.5	449.0
-45°	430.0	435.2	437.7	438.5	437.7	435.2	430.0	420.5	405.7	387.0	366.5
-47.5°	351.5	353.5	354.8	355.5	354.8	353.5	351.5	347.6	342.1	335.3	326.8
-50°	315.9	317.2	318.6	320.0	318.6	317.2	315.9	314.0	311.8	309.2	305.6
-52.5°	297.7	297.5	298.1	299.2	298.1	297.5	297.7	297.6	297.2	296.5	295.6
-55°	291.2	289.7	288.9	288.8	288.9	289.7	291.2	292.8	294.6	296.7	299.1
-57.5°	300.8	299.0	298.0	297.7	298.0	299.0	300.8	302.7	304.8	307.5	310.1
-60°	318.0	319.6	320.0	320.0	320.0	319.6	318.0	316.2	314.0	312.2	310.3
-62.5°	311.6	316.1	318.0	318.5	318.0	316.1	311.6	306.5	301.1	295.6	289.7
-65°	273.9	276.6	277.4	277.0	277.4	276.6	273.9	270.6	266.6	261.4	255.0
-67.5°	230.3	231.3	232.3	232.6	232.3	231.3	230.3	228.5	225.8	221.9	216.7
-70°	191.5	192.9	193.7	194.0	193.7	192.9	191.5	189.5	187.0	183.9	180.1
-72.5°	156.4	157.6	157.6	157.0	157.6	157.6	156.4	154.8	152.9	150.4	147.1
-75°	123.1	123.7	124.2	124.4	124.2	123.7	123.1	122.2	120.8	119.0	116.3
-77.5°	91.1	91.3	91.0	90.4	91.0	91.3	91.1	90.5	89.5	88.2	86.4
-80°	65.1	66.3	65.9	65.2	65.9	66.3	65.1	63.8	62.3	60.9	60.2
-82.5°	42.5	42.8	42.9	43.0	42.9	42.8	42.5	42.1	41.6	41.0	40.3
-85°	23.4	23.6	24.4	25.2	24.4	23.6	23.4	23.2	22.9	22.6	22.2
-87.5°	8.5	8.9	8.9	8.9	8.9	8.9	8.5	8.0	7.6	7.1	7.1
-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: P558844 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-927-U-MR-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°	7.0	6.8	6.7	6.9	7.1	7.2	7.3	7.1	6.8	6.6	6.3
85°	21.7	21.2	20.6	19.8	19.0	18.2	17.4	16.7	16.0	15.2	14.4
82.5°	39.5	38.6	37.5	36.3	34.9	33.3	31.7	30.1	28.3	26.5	24.7
80°	59.3	58.2	56.8	55.3	53.6	51.6	49.4	47.0	44.4	41.8	39.3
77.5°	84.5	82.3	80.0	77.7	75.1	72.2	69.2	66.1	63.0	59.7	56.0
75°	113.3	110.0	106.7	103.4	99.8	95.9	92.0	88.0	83.7	79.2	74.1
72.5°	143.5	139.4	135.2	131.2	126.6	121.9	116.6	111.0	105.3	99.6	93.6
70°	175.7	170.7	165.6	160.5	155.3	149.8	143.0	135.4	127.5	120.0	113.0
67.5°	211.0	205.0	198.6	191.8	185.0	178.0	170.2	161.7	152.7	143.4	133.9
65°	248.1	240.5	233.3	225.7	217.3	208.1	198.1	188.3	178.4	167.8	156.6
62.5°	283.1	275.9	269.2	260.8	251.4	241.0	229.6	217.8	205.4	192.5	180.1
60°	307.8	305.3	298.9	291.6	283.7	274.5	261.9	248.5	234.3	219.7	204.5
57.5°	312.6	313.5	312.1	310.5	308.7	300.9	290.0	278.5	264.0	247.3	229.9
55°	301.5	305.1	309.1	313.5	316.2	312.7	309.6	302.5	289.3	275.2	256.5
52.5°	295.0	298.1	301.2	304.1	308.2	311.8	314.8	311.5	308.6	296.6	281.0
50°	302.7	301.4	299.8	299.4	301.7	303.7	307.2	311.3	313.1	309.7	300.9
47.5°	321.2	315.6	309.2	305.7	301.9	299.0	301.3	304.4	310.0	314.5	310.3
45°	355.5	342.3	328.3	320.2	311.1	305.2	299.6	300.5	304.4	309.8	315.5
42.5°	422.1	390.2	365.4	346.1	328.3	317.8	308.1	302.4	301.0	305.2	310.0
40°	526.7	474.0	433.9	388.8	360.0	336.3	322.1	310.0	304.0	302.1	304.9
37.5°	671.7	599.0	533.3	464.8	413.1	368.7	342.2	324.0	310.6	303.6	301.5
35°	871.6	765.4	664.6	575.2	488.7	425.7	372.0	342.8	323.0	308.8	300.8
32.5°	1171.6	1007.5	833.7	714.8	597.9	499.1	426.4	370.0	336.7	317.9	305.4
30°	1608.0	1338.3	1099.1	883.9	731.3	598.6	490.1	412.8	358.9	327.7	310.8
27.5°	2235.5	1757.3	1436.8	1131.5	884.0	717.1	577.8	462.4	385.4	343.8	319.1
25°	3352.8	2417.9	1840.6	1438.9	1106.3	842.4	672.3	533.5	428.0	360.7	326.7
22.5°	4996.3	3544.6	2426.9	1776.8	1362.8	1029.7	781.2	607.7	468.2	385.7	340.1
20°	7368.2	5037.8	3400.9	2293.8	1661.2	1213.5	901.7	691.2	531.0	419.3	353.4
17.5°	9530.2	7127.7	4605.3	2906.1	2033.2	1465.2	1057.9	771.4	585.0	449.1	365.1
15°	11400.1	8937.5	6241.5	3922.3	2433.0	1696.8	1203.8	843.4	635.9	484.9	387.3
12.5°	12727.7	10430.6	7746.1	4800.2	2900.3	1957.1	1375.9	958.9	691.1	520.2	407.5
10°	13834.7	11604.0	8981.7	5970.1	3569.9	2237.0	1529.1	1055.9	737.9	547.4	423.4
7.5°	14504.2	12472.0	9930.3	6957.2	4119.0	2472.0	1655.7	1128.4	775.4	566.7	435.1
5°	15015.5	13091.4	10619.9	7702.4	4570.8	2649.2	1756.1	1176.9	802.8	578.5	442.7
2.5°	15394.5	13446.7	11055.0	8152.7	4853.2	2765.3	1823.4	1211.4	816.4	589.0	449.1
0°	15451.0	13562.4	11081.3	8234.3	4781.5	2818.8	1850.1	1232.4	816.2	594.0	451.8
-2.5°	15394.5	13446.7	11055.0	8152.7	4853.2	2765.3	1823.4	1211.4	816.4	589.0	449.1
-5°	15015.5	13091.4	10619.9	7702.4	4570.8	2649.2	1756.1	1176.9	802.8	578.5	442.7
-7.5°	14504.2	12472.0	9930.3	6957.2	4119.0	2472.0	1655.7	1128.4	775.4	566.7	435.1
-10°	13834.7	11604.0	8981.7	5970.1	3569.9	2237.0	1529.1	1055.9	737.9	547.4	423.4
-12.5°	12727.7	10430.6	7746.1	4800.2	2900.3	1957.1	1375.9	958.9	691.1	520.2	407.5
-15°	11400.1	8937.5	6241.5	3922.3	2433.0	1696.8	1203.8	843.4	635.9	484.9	387.3
-17.5°	9530.2	7127.7	4605.3	2906.1	2033.2	1465.2	1057.9	771.4	585.0	449.1	365.1
-20°	7368.2	5037.8	3400.9	2293.8	1661.2	1213.5	901.7	691.2	531.0	419.3	353.4



REPORT NUMBER: P558844 (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°	4996.3	3544.6	2426.9	1776.8	1362.8	1029.7	781.2	607.7	468.2	385.7	340.1
-25°	3352.8	2417.9	1840.6	1438.9	1106.3	842.4	672.3	533.5	428.0	360.7	326.7
-27.5°	2235.5	1757.3	1436.8	1131.5	884.0	717.1	577.8	462.4	385.4	343.8	319.1
-30°	1608.0	1338.3	1099.1	883.9	731.3	598.6	490.1	412.8	358.9	327.7	310.8
-32.5°	1171.6	1007.5	833.7	714.8	597.9	499.1	426.4	370.0	336.7	317.9	305.4
-35°	871.6	765.4	664.6	575.2	488.7	425.7	372.0	342.8	323.0	308.8	300.8
-37.5°	671.7	599.0	533.3	464.8	413.1	368.7	342.2	324.0	310.6	303.6	301.5
-40°	526.7	474.0	433.9	388.8	360.0	336.3	322.1	310.0	304.0	302.1	304.9
-42.5°	422.1	390.2	365.4	346.1	328.3	317.8	308.1	302.4	301.0	305.2	310.0
-45°	355.5	342.3	328.3	320.2	311.1	305.2	299.6	300.5	304.4	309.8	315.5
-47.5°	321.2	315.6	309.2	305.7	301.9	299.0	301.3	304.4	310.0	314.5	310.3
-50°	302.7	301.4	299.8	299.4	301.7	303.7	307.2	311.3	313.1	309.7	300.9
-52.5°	295.0	298.1	301.2	304.1	308.2	311.8	314.8	311.5	308.6	296.6	281.0
-55°	301.5	305.1	309.1	313.5	316.2	312.7	309.6	302.5	289.3	275.2	256.5
-57.5°	312.6	313.5	312.1	310.5	308.7	300.9	290.0	278.5	264.0	247.3	229.9
-60°	307.8	305.3	298.9	291.6	283.7	274.5	261.9	248.5	234.3	219.7	204.5
-62.5°	283.1	275.9	269.2	260.8	251.4	241.0	229.6	217.8	205.4	192.5	180.1
-65°	248.1	240.5	233.3	225.7	217.3	208.1	198.1	188.3	178.4	167.8	156.6
-67.5°	211.0	205.0	198.6	191.8	185.0	178.0	170.2	161.7	152.7	143.4	133.9
-70°	175.7	170.7	165.6	160.5	155.3	149.8	143.0	135.4	127.5	120.0	113.0
-72.5°	143.5	139.4	135.2	131.2	126.6	121.9	116.6	111.0	105.3	99.6	93.6
-75°	113.3	110.0	106.7	103.4	99.8	95.9	92.0	88.0	83.7	79.2	74.1
-77.5°	84.5	82.3	80.0	77.7	75.1	72.2	69.2	66.1	63.0	59.7	56.0
-80°	59.3	58.2	56.8	55.3	53.6	51.6	49.4	47.0	44.4	41.8	39.3
-82.5°	39.5	38.6	37.5	36.3	34.9	33.3	31.7	30.1	28.3	26.5	24.7
-85°	21.7	21.2	20.6	19.8	19.0	18.2	17.4	16.7	16.0	15.2	14.4
-87.5°	7.0	6.8	6.7	6.9	7.1	7.2	7.3	7.1	6.8	6.6	6.3
-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: P558844 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-927-U-MR-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°	6.0	5.7	5.4	5.1	4.8	4.4	4.1	3.8	3.4	3.0	2.7
85°	13.7	12.9	12.0	11.1	10.0	8.9	8.2	7.5	6.8	6.1	5.3
82.5°	23.1	21.9	20.8	19.5	17.9	16.3	14.6	12.8	11.1	9.3	8.0
80°	36.8	34.3	31.8	29.2	26.4	23.6	21.3	19.0	16.9	14.5	12.0
77.5°	52.0	47.8	43.7	40.1	36.3	32.7	29.0	25.5	22.6	19.8	16.8
75°	68.4	63.2	58.0	52.6	47.1	41.6	37.2	32.9	28.9	25.1	21.5
72.5°	87.0	80.1	73.0	65.7	59.1	52.5	46.0	40.1	35.3	30.7	26.2
70°	105.5	97.6	89.5	81.0	72.1	63.3	55.9	48.7	41.7	36.2	30.9
67.5°	124.2	115.5	106.3	96.3	86.3	76.2	65.9	57.5	49.7	41.7	35.6
65°	145.6	134.4	123.3	112.4	100.9	89.2	77.9	66.9	57.5	48.7	40.2
62.5°	167.2	154.2	141.5	128.5	115.8	102.9	89.7	77.8	65.7	55.6	45.8
60°	189.4	174.9	159.7	145.2	130.9	116.7	102.3	88.4	75.3	62.3	51.7
57.5°	213.0	195.8	179.1	162.1	145.9	130.4	114.7	99.3	84.7	70.3	57.5
55°	236.8	217.6	198.4	179.8	161.2	143.8	126.9	110.1	93.9	78.5	63.2
52.5°	261.9	239.6	218.1	197.4	177.2	157.2	139.1	120.4	103.1	86.4	69.9
50°	283.6	262.3	238.0	215.1	192.9	171.8	151.1	131.3	112.0	94.1	76.6
47.5°	301.5	281.4	258.1	232.5	208.7	185.9	163.7	142.1	120.4	101.5	83.0
45°	309.2	297.9	275.8	250.3	224.1	200.0	176.2	152.6	129.8	108.6	89.0
42.5°	313.6	306.4	290.9	267.1	240.1	213.7	188.2	163.4	139.0	115.5	94.9
40°	309.4	310.6	302.7	281.2	255.8	226.9	200.2	173.8	147.9	122.6	100.7
37.5°	304.3	309.7	306.5	294.9	270.3	240.8	211.6	183.8	156.4	130.0	106.2
35°	301.2	305.1	310.6	302.8	282.2	254.1	222.5	193.4	164.8	137.1	111.5
32.5°	298.6	301.5	307.5	306.3	293.3	266.8	233.5	202.5	172.6	143.7	116.4
30°	300.9	299.3	304.0	309.4	301.6	276.6	244.3	211.1	179.9	149.8	121.3
27.5°	304.4	297.1	301.0	308.0	304.2	285.4	254.1	219.0	186.7	155.6	126.2
25°	308.5	298.5	299.0	305.1	306.5	293.4	263.0	226.4	193.2	161.1	130.8
22.5°	314.9	300.9	297.0	302.5	308.8	300.7	270.4	233.8	199.1	166.1	134.9
20°	320.6	302.9	295.0	300.0	308.3	302.6	276.4	240.3	204.5	170.6	138.5
17.5°	326.5	306.0	296.2	298.3	306.2	304.2	281.8	246.1	209.3	174.6	141.8
15°	336.1	310.2	297.6	296.9	304.2	305.6	286.6	251.1	213.4	178.1	144.6
12.5°	344.3	313.6	298.7	295.7	302.4	306.8	290.8	255.2	216.9	181.0	147.0
10°	351.0	316.4	299.4	294.7	300.6	307.8	294.3	258.9	220.0	183.2	149.0
7.5°	356.0	318.4	299.8	293.9	299.2	308.6	297.5	262.7	222.6	184.9	150.6
5°	359.7	320.6	300.9	293.6	298.4	309.2	299.9	265.8	224.6	186.0	151.7
2.5°	362.9	323.6	302.4	293.4	297.9	309.5	301.4	268.1	226.0	186.6	152.4
0°	364.4	325.9	303.7	293.3	297.7	309.6	302.2	269.6	226.6	186.6	152.6
-2.5°	362.9	323.6	302.4	293.4	297.9	309.5	301.4	268.1	226.0	186.6	152.4
-5°	359.7	320.6	300.9	293.6	298.4	309.2	299.9	265.8	224.6	186.0	151.7
-7.5°	356.0	318.4	299.8	293.9	299.2	308.6	297.5	262.7	222.6	184.9	150.6
-10°	351.0	316.4	299.4	294.7	300.6	307.8	294.3	258.9	220.0	183.2	149.0
-12.5°	344.3	313.6	298.7	295.7	302.4	306.8	290.8	255.2	216.9	181.0	147.0
-15°	336.1	310.2	297.6	296.9	304.2	305.6	286.6	251.1	213.4	178.1	144.6
-17.5°	326.5	306.0	296.2	298.3	306.2	304.2	281.8	246.1	209.3	174.6	141.8
-20°	320.6	302.9	295.0	300.0	308.3	302.6	276.4	240.3	204.5	170.6	138.5



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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°	314.9	300.9	297.0	302.5	308.8	300.7	270.4	233.8	199.1	166.1	134.9
-25°	308.5	298.5	299.0	305.1	306.5	293.4	263.0	226.4	193.2	161.1	130.8
-27.5°	304.4	297.1	301.0	308.0	304.2	285.4	254.1	219.0	186.7	155.6	126.2
-30°	300.9	299.3	304.0	309.4	301.6	276.6	244.3	211.1	179.9	149.8	121.3
-32.5°	298.6	301.5	307.5	306.3	293.3	266.8	233.5	202.5	172.6	143.7	116.4
-35°	301.2	305.1	310.6	302.8	282.2	254.1	222.5	193.4	164.8	137.1	111.5
-37.5°	304.3	309.7	306.5	294.9	270.3	240.8	211.6	183.8	156.4	130.0	106.2
-40°	309.4	310.6	302.7	281.2	255.8	226.9	200.2	173.8	147.9	122.6	100.7
-42.5°	313.6	306.4	290.9	267.1	240.1	213.7	188.2	163.4	139.0	115.5	94.9
-45°	309.2	297.9	275.8	250.3	224.1	200.0	176.2	152.6	129.8	108.6	89.0
-47.5°	301.5	281.4	258.1	232.5	208.7	185.9	163.7	142.1	120.4	101.5	83.0
-50°	283.6	262.3	238.0	215.1	192.9	171.8	151.1	131.3	112.0	94.1	76.6
-52.5°	261.9	239.6	218.1	197.4	177.2	157.2	139.1	120.4	103.1	86.4	69.9
-55°	236.8	217.6	198.4	179.8	161.2	143.8	126.9	110.1	93.9	78.5	63.2
-57.5°	213.0	195.8	179.1	162.1	145.9	130.4	114.7	99.3	84.7	70.3	57.5
-60°	189.4	174.9	159.7	145.2	130.9	116.7	102.3	88.4	75.3	62.3	51.7
-62.5°	167.2	154.2	141.5	128.5	115.8	102.9	89.7	77.8	65.7	55.6	45.8
-65°	145.6	134.4	123.3	112.4	100.9	89.2	77.9	66.9	57.5	48.7	40.2
-67.5°	124.2	115.5	106.3	96.3	86.3	76.2	65.9	57.5	49.7	41.7	35.6
-70°	105.5	97.6	89.5	81.0	72.1	63.3	55.9	48.7	41.7	36.2	30.9
-72.5°	87.0	80.1	73.0	65.7	59.1	52.5	46.0	40.1	35.3	30.7	26.2
-75°	68.4	63.2	58.0	52.6	47.1	41.6	37.2	32.9	28.9	25.1	21.5
-77.5°	52.0	47.8	43.7	40.1	36.3	32.7	29.0	25.5	22.6	19.8	16.8
-80°	36.8	34.3	31.8	29.2	26.4	23.6	21.3	19.0	16.9	14.5	12.0
-82.5°	23.1	21.9	20.8	19.5	17.9	16.3	14.6	12.8	11.1	9.3	8.0
-85°	13.7	12.9	12.0	11.1	10.0	8.9	8.2	7.5	6.8	6.1	5.3
-87.5°	6.0	5.7	5.4	5.1	4.8	4.4	4.1	3.8	3.4	3.0	2.7
-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°	2.3	1.9	1.5	1.2	0.8	0.4	0.0
85°	4.6	3.8	3.1	2.3	1.5	0.8	0.0
82.5°	6.9	5.8	4.6	3.5	2.3	1.2	0.0
80°	9.4	7.7	6.2	4.6	3.1	1.5	0.0
77.5°	13.5	10.1	7.7	5.8	3.8	1.9	0.0
75°	17.6	13.4	9.4	6.9	4.6	2.3	0.0
72.5°	21.6	16.7	12.0	8.0	5.3	2.7	0.0
70°	25.6	19.9	14.5	9.3	6.1	3.0	0.0
67.5°	29.6	23.1	17.0	11.1	6.8	3.4	0.0
65°	33.5	26.4	19.4	12.9	7.5	3.8	0.0
62.5°	37.5	29.8	21.8	14.7	8.2	4.1	0.0
60°	41.4	33.1	24.1	16.4	8.9	4.4	0.0
57.5°	46.2	36.4	26.8	18.0	10.0	4.8	0.0
55°	51.1	39.6	29.4	19.6	11.1	5.1	0.0
52.5°	55.8	42.9	32.0	21.2	12.2	5.4	0.0
50°	60.5	46.7	34.5	22.7	13.2	5.7	0.0
47.5°	65.0	50.4	37.0	24.2	14.2	6.0	0.0
45°	70.2	54.0	39.3	26.0	15.2	6.3	0.0
42.5°	75.1	57.4	41.6	27.7	16.1	6.6	0.0
40°	79.8	60.7	44.1	29.4	17.0	6.8	0.0
37.5°	84.1	63.8	46.5	31.0	17.9	7.1	0.0
35°	88.2	67.1	48.9	32.5	18.7	7.3	0.0
32.5°	92.1	70.3	51.1	33.9	19.5	7.5	0.0
30°	96.1	73.2	53.2	35.1	20.3	7.7	0.0
27.5°	99.7	75.9	55.0	36.3	21.0	7.9	0.0
25°	103.1	78.4	56.6	37.3	21.6	8.1	0.0
22.5°	106.3	80.6	58.0	38.2	22.2	8.2	0.0
20°	109.1	82.5	59.3	39.0	22.8	8.4	0.0
17.5°	111.6	84.1	60.5	39.7	23.3	8.5	0.0
15°	113.7	85.5	61.4	40.3	23.7	8.6	0.0
12.5°	115.6	86.7	62.2	40.8	24.1	8.7	0.0
10°	117.2	87.6	62.9	41.1	24.5	8.8	0.0
7.5°	118.4	88.3	63.3	41.4	24.7	8.8	0.0
5°	119.3	88.7	63.6	41.5	24.9	8.9	0.0
2.5°	119.8	88.9	63.7	41.6	25.1	8.9	0.0
0°	120.0	88.9	63.7	41.5	25.2	8.9	0.0
-2.5°	119.8	88.9	63.7	41.6	25.1	8.9	0.0
-5°	119.3	88.7	63.6	41.5	24.9	8.9	0.0
-7.5°	118.4	88.3	63.3	41.4	24.7	8.8	0.0
-10°	117.2	87.6	62.9	41.1	24.5	8.8	0.0
-12.5°	115.6	86.7	62.2	40.8	24.1	8.7	0.0
-15°	113.7	85.5	61.4	40.3	23.7	8.6	0.0
-17.5°	111.6	84.1	60.5	39.7	23.3	8.5	0.0
-20°	109.1	82.5	59.3	39.0	22.8	8.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	106.3	80.6	58.0	38.2	22.2	8.2	0.0
-25°	103.1	78.4	56.6	37.3	21.6	8.1	0.0
-27.5°	99.7	75.9	55.0	36.3	21.0	7.9	0.0
-30°	96.1	73.2	53.2	35.1	20.3	7.7	0.0
-32.5°	92.1	70.3	51.1	33.9	19.5	7.5	0.0
-35°	88.2	67.1	48.9	32.5	18.7	7.3	0.0
-37.5°	84.1	63.8	46.5	31.0	17.9	7.1	0.0
-40°	79.8	60.7	44.1	29.4	17.0	6.8	0.0
-42.5°	75.1	57.4	41.6	27.7	16.1	6.6	0.0
-45°	70.2	54.0	39.3	26.0	15.2	6.3	0.0
-47.5°	65.0	50.4	37.0	24.2	14.2	6.0	0.0
-50°	60.5	46.7	34.5	22.7	13.2	5.7	0.0
-52.5°	55.8	42.9	32.0	21.2	12.2	5.4	0.0
-55°	51.1	39.6	29.4	19.6	11.1	5.1	0.0
-57.5°	46.2	36.4	26.8	18.0	10.0	4.8	0.0
-60°	41.4	33.1	24.1	16.4	8.9	4.4	0.0
-62.5°	37.5	29.8	21.8	14.7	8.2	4.1	0.0
-65°	33.5	26.4	19.4	12.9	7.5	3.8	0.0
-67.5°	29.6	23.1	17.0	11.1	6.8	3.4	0.0
-70°	25.6	19.9	14.5	9.3	6.1	3.0	0.0
-72.5°	21.6	16.7	12.0	8.0	5.3	2.7	0.0
-75°	17.6	13.4	9.4	6.9	4.6	2.3	0.0
-77.5°	13.5	10.1	7.7	5.8	3.8	1.9	0.0
-80°	9.4	7.7	6.2	4.6	3.1	1.5	0.0
-82.5°	6.9	5.8	4.6	3.5	2.3	1.2	0.0
-85°	4.6	3.8	3.1	2.3	1.5	0.8	0.0
-87.5°	2.3	1.9	1.5	1.2	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)