

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: P558873 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-940-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558873 (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-SA3E-940-U-TSB-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, TIGHT SPOT BAFFLE N1
Light Source: (48) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

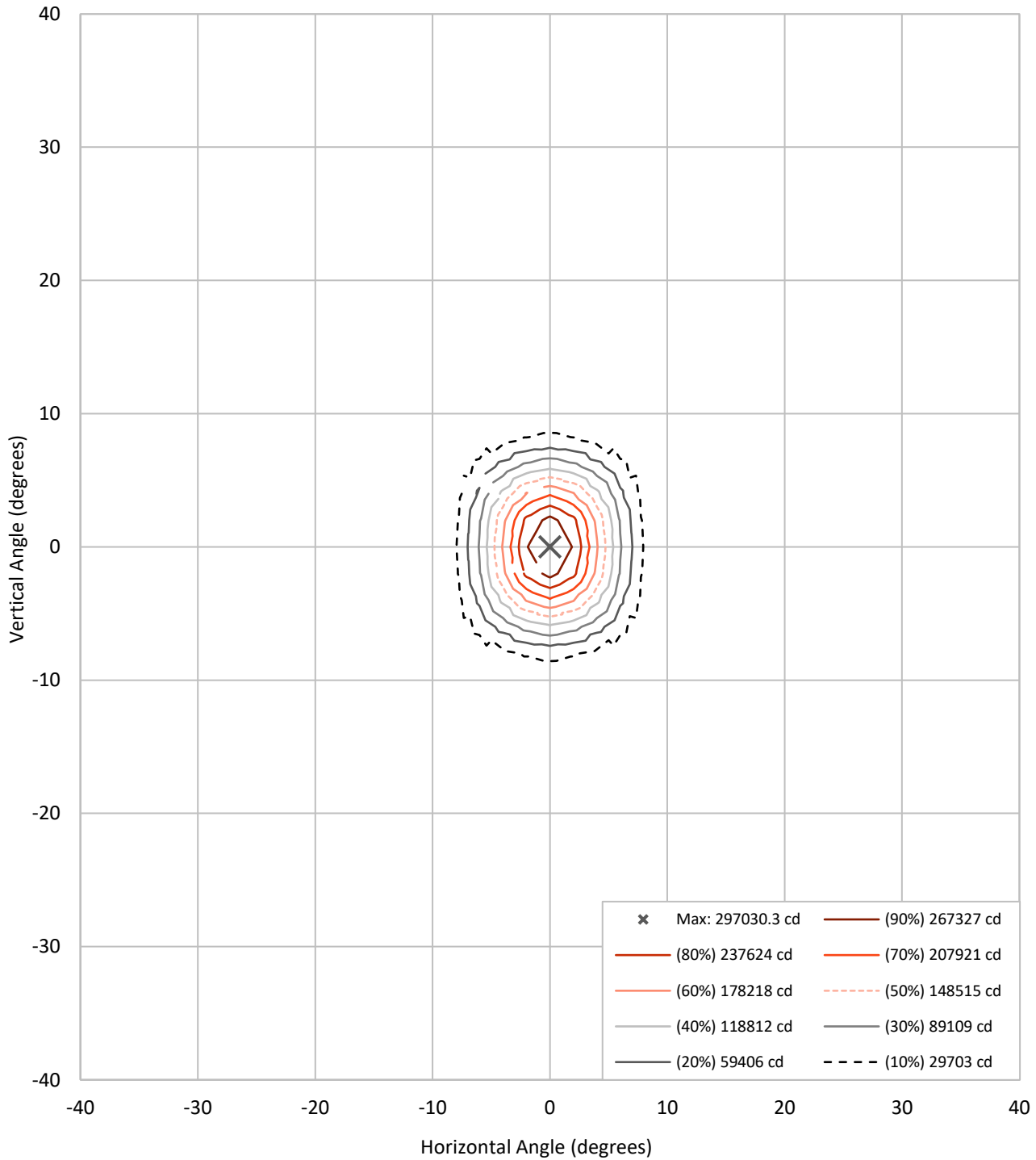
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	11567 lumens	Max Intensity:	297030.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	63.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	4957.8 lumens	Field Lumens:	8544.7 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

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



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Iso-Candela Plot





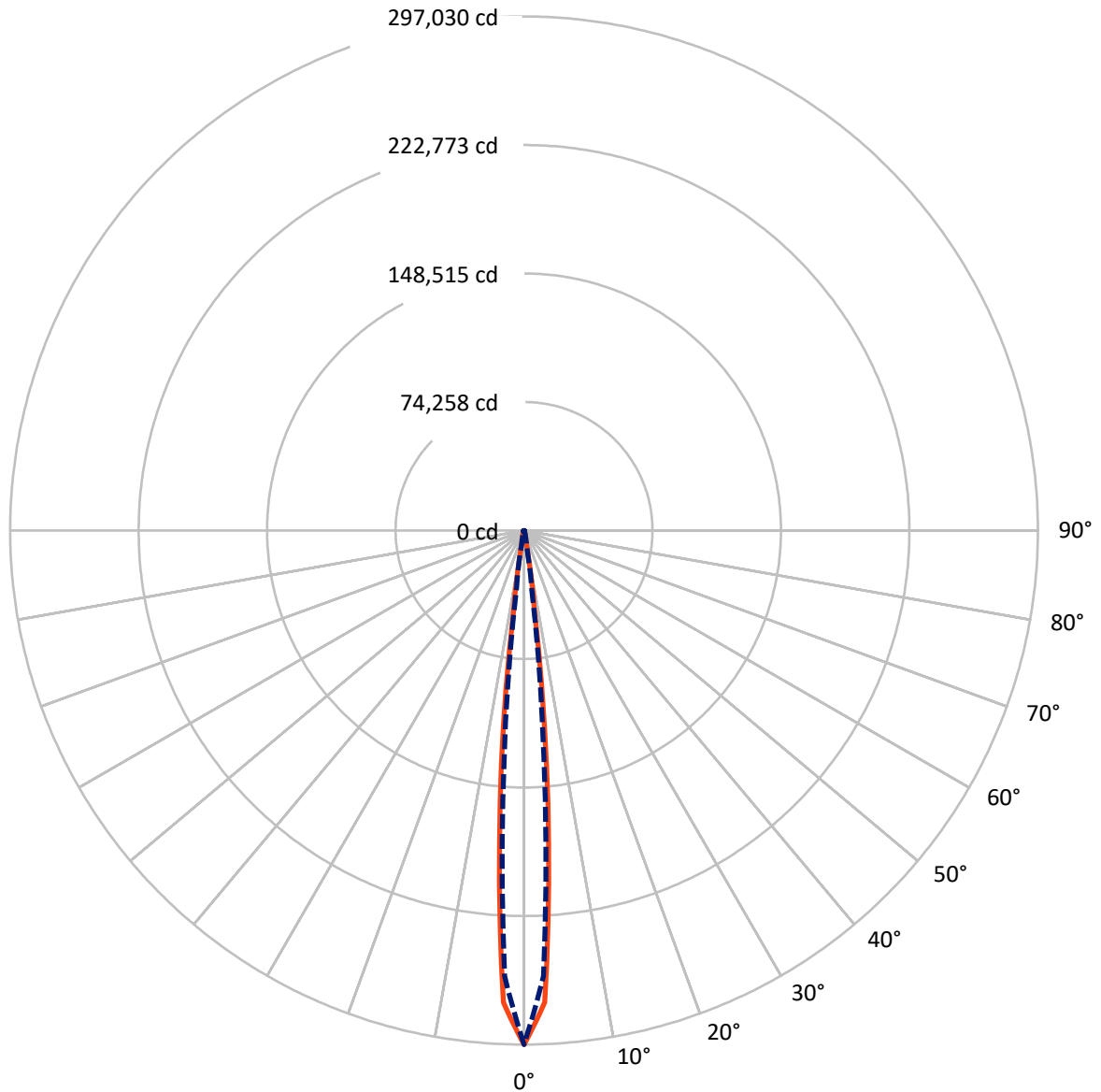
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Lumen Table

90	0.0	0.3	1.2	2.8	4.8	2.8	1.2	0.3	0.0							
80	0.0	0.3	1.2	2.8	4.8	2.8	1.2	0.3	0.0							
70	0.2	0.2	0.6	1.3	2.0	2.5	4.1	7.2	7.2	4.1	2.5	2.0	1.3	0.6	0.2	0.2
60		0.5	1.1	2.4	3.8	5.1	6.9	9.3	9.3	6.9	5.1	3.8	2.4	1.1	0.5	
50	0.6	0.8	1.8	3.7	6.5	9.8	12.6	15.0	15.0	12.6	9.8	6.5	3.7	1.8	0.8	0.6
40		1.3	2.6	5.6	10.2	13.7	15.5	16.4	16.4	15.5	13.7	10.2	5.6	2.6	1.3	
30	1.2	1.9	3.6	8.0	12.5	14.9	20.3	26.7	26.7	20.3	14.9	12.5	8.0	3.6	1.9	1.2
20		2.5	4.9	10.1	13.8	19.6	39.7	79.4	79.4	39.7	19.6	13.8	10.1	4.9	2.5	
10	1.3	2.8	5.9	11.2	14.3	25.1	78.6	2324.0	2324.0	78.6	25.1	14.3	11.2	5.9	2.8	1.3
0		2.8	5.9	11.2	14.3	25.1	78.6	2324.0	2324.0	78.6	25.1	14.3	11.2	5.9	2.8	
-10	1.2	2.5	4.9	10.1	13.8	19.6	39.7	79.4	79.4	39.7	19.6	13.8	10.1	4.9	2.5	1.2
-20		1.9	3.6	8.0	12.5	14.9	20.3	26.7	26.7	20.3	14.9	12.5	8.0	3.6	1.9	
-30	0.6	1.3	2.6	5.6	10.2	13.7	15.5	16.4	16.4	15.5	13.7	10.2	5.6	2.6	1.3	0.6
-40		0.8	1.8	3.7	6.5	9.8	12.6	15.0	15.0	12.6	9.8	6.5	3.7	1.8	0.8	
-50	0.2	0.5	1.1	2.4	3.8	5.1	6.9	9.3	9.3	6.9	5.1	3.8	2.4	1.1	0.5	0.2
-60		0.2	0.6	1.3	2.0	2.5	4.1	7.2	7.2	4.1	2.5	2.0	1.3	0.6	0.2	
-70	0.0	0.3	1.2	2.8	4.8	2.8	1.2	0.3	0.0							
-80		0.0	0.3	1.2	2.8	4.8	2.8	1.2	0.3	0.0						
-90	0.0	0.3	1.2	2.8	4.8	2.8	1.2	0.3	0.0							

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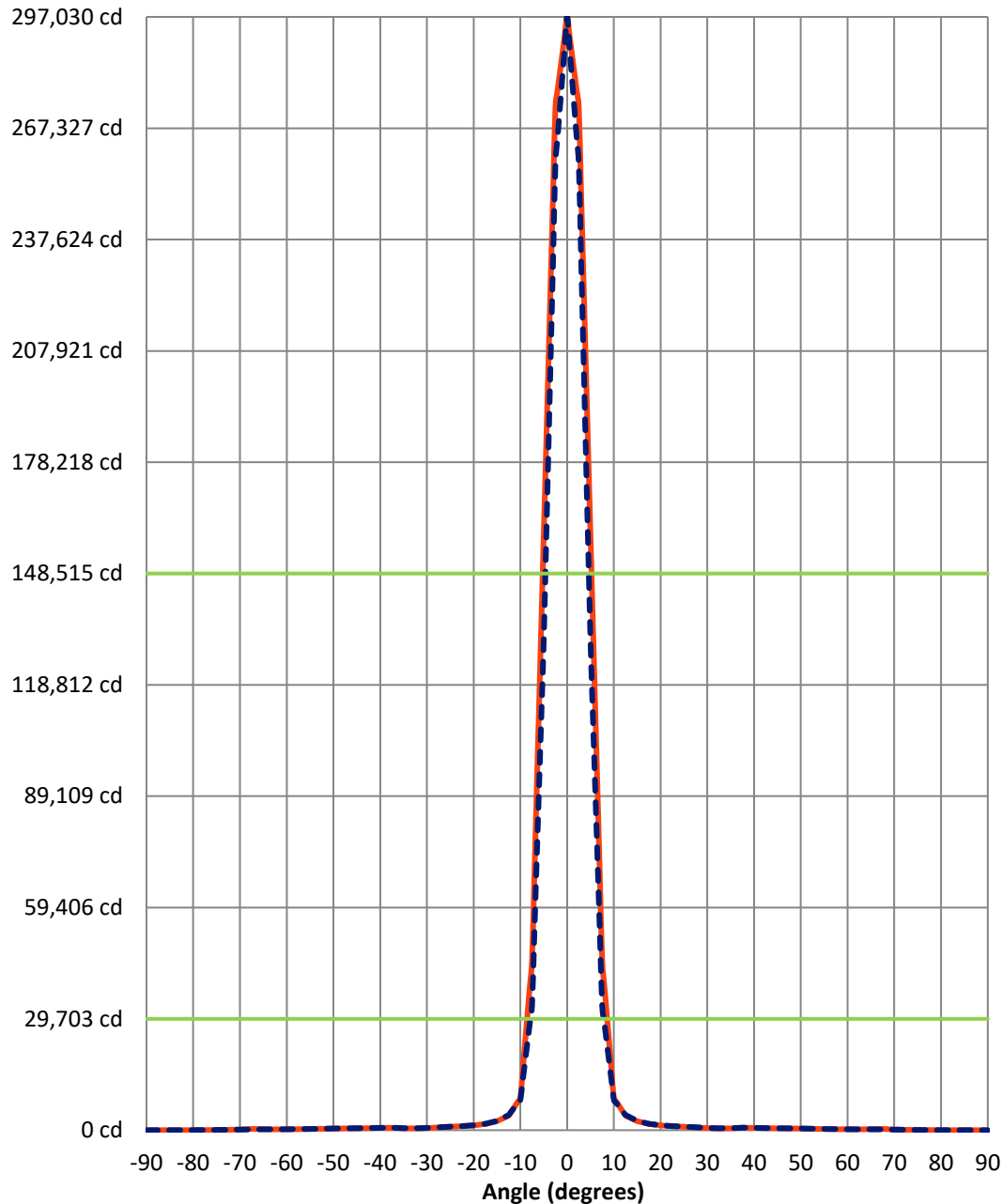
Luminous Intensity Polar Plot



— 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: 4957.8
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 8544.7
Efficiency: 73.9%

Spill:
Lumens: 3022.3
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	1.2	1.3	1.4
85°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.0	2.3	2.6	2.9
82.5°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.4	3.4	3.4
80°	0.0	0.6	1.2	1.8	2.3	2.9	3.4	3.4	3.4	3.4	3.4
77.5°	0.0	0.7	1.5	2.2	2.9	3.4	3.4	3.4	3.4	3.4	3.7
75°	0.0	0.9	1.8	2.6	3.4	3.4	3.4	3.4	3.5	4.5	5.2
72.5°	0.0	1.0	2.0	3.1	3.4	3.4	3.4	3.8	5.0	5.9	6.7
70°	0.0	1.2	2.3	3.4	3.4	3.4	3.6	5.1	6.4	7.5	9.3
67.5°	0.0	1.3	2.6	3.4	3.4	3.4	4.8	6.5	7.9	10.2	12.1
65°	0.0	1.4	2.9	3.4	3.4	4.0	6.1	7.9	10.4	12.9	15.5
62.5°	0.0	1.6	3.1	3.4	3.4	5.1	7.3	9.9	13.0	16.0	19.9
60°	0.0	1.7	3.4	3.4	3.4	6.2	8.6	12.2	15.6	20.2	24.4
57.5°	0.0	1.8	3.4	3.4	4.3	7.3	10.8	14.6	19.2	24.5	29.5
55°	0.0	1.9	3.4	3.4	5.2	8.3	13.1	17.1	23.2	29.0	34.9
52.5°	0.0	2.1	3.5	3.4	6.0	9.6	15.5	20.9	27.1	34.2	40.5
50°	0.0	2.2	3.5	3.4	6.9	11.7	17.9	24.9	31.3	39.5	47.3
47.5°	0.0	2.3	3.6	3.6	7.8	13.9	20.6	29.1	36.2	44.9	54.5
45°	0.0	2.4	3.6	4.2	8.6	16.0	24.4	33.5	42.0	51.6	61.8
42.5°	0.0	2.5	3.7	4.8	9.4	18.1	28.2	38.5	48.0	58.5	70.6
40°	0.0	2.6	3.7	5.4	10.7	20.3	32.1	43.9	54.7	65.7	79.8
37.5°	0.0	2.7	3.8	6.0	12.3	22.4	36.0	49.4	62.2	74.7	89.3
35°	0.0	2.8	3.9	6.5	13.9	25.2	40.0	55.1	69.9	85.2	98.5
32.5°	0.0	2.9	3.9	6.9	15.5	28.3	44.1	60.8	77.6	96.0	110.2
30°	0.0	2.9	4.0	7.3	17.1	31.4	48.7	66.7	85.4	107.3	123.2
27.5°	0.0	3.0	4.1	7.7	18.1	34.4	53.3	73.1	93.8	118.8	137.7
25°	0.0	3.1	4.2	7.9	18.8	37.3	57.8	79.4	103.3	130.8	153.2
22.5°	0.0	3.1	4.3	8.2	19.5	39.6	62.2	85.6	112.7	143.5	166.4
20°	0.0	3.2	4.4	8.4	19.9	40.4	66.5	91.7	122.2	156.7	179.4
17.5°	0.0	3.2	4.5	8.5	20.2	40.9	68.7	97.5	131.4	170.2	192.1
15°	0.0	3.3	4.6	8.6	20.3	41.2	69.5	101.7	140.5	183.9	204.6
12.5°	0.0	3.3	4.7	8.6	20.3	41.1	70.0	103.9	146.3	197.6	216.8
10°	0.0	3.3	4.8	8.7	20.2	40.8	70.2	105.9	149.3	202.9	225.4
7.5°	0.0	3.4	4.9	8.6	20.0	40.2	70.1	107.5	151.5	206.0	227.0
5°	0.0	3.4	4.9	8.6	19.6	39.4	69.6	108.7	153.0	208.2	228.2
2.5°	0.0	3.4	5.0	8.5	19.1	38.4	68.8	109.5	153.8	209.3	229.2
0°	0.0	3.4	5.1	8.4	18.6	37.2	67.6	109.8	153.8	209.5	229.8
-2.5°	0.0	3.4	5.0	8.5	19.1	38.4	68.8	109.5	153.8	209.3	229.2
-5°	0.0	3.4	4.9	8.6	19.6	39.4	69.6	108.7	153.0	208.2	228.2
-7.5°	0.0	3.4	4.9	8.6	20.0	40.2	70.1	107.5	151.5	206.0	227.0
-10°	0.0	3.3	4.8	8.7	20.2	40.8	70.2	105.9	149.3	202.9	225.4
-12.5°	0.0	3.3	4.7	8.6	20.3	41.1	70.0	103.9	146.3	197.6	216.8
-15°	0.0	3.3	4.6	8.6	20.3	41.2	69.5	101.7	140.5	183.9	204.6
-17.5°	0.0	3.2	4.5	8.5	20.2	40.9	68.7	97.5	131.4	170.2	192.1
-20°	0.0	3.2	4.4	8.4	19.9	40.4	66.5	91.7	122.2	156.7	179.4



REPORT NUMBER: P558873 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-940-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	3.1	4.3	8.2	19.5	39.6	62.2	85.6	112.7	143.5	166.4
-25°	0.0	3.1	4.2	7.9	18.8	37.3	57.8	79.4	103.3	130.8	153.2
-27.5°	0.0	3.0	4.1	7.7	18.1	34.4	53.3	73.1	93.8	118.8	137.7
-30°	0.0	2.9	4.0	7.3	17.1	31.4	48.7	66.7	85.4	107.3	123.2
-32.5°	0.0	2.9	3.9	6.9	15.5	28.3	44.1	60.8	77.6	96.0	110.2
-35°	0.0	2.8	3.9	6.5	13.9	25.2	40.0	55.1	69.9	85.2	98.5
-37.5°	0.0	2.7	3.8	6.0	12.3	22.4	36.0	49.4	62.2	74.7	89.3
-40°	0.0	2.6	3.7	5.4	10.7	20.3	32.1	43.9	54.7	65.7	79.8
-42.5°	0.0	2.5	3.7	4.8	9.4	18.1	28.2	38.5	48.0	58.5	70.6
-45°	0.0	2.4	3.6	4.2	8.6	16.0	24.4	33.5	42.0	51.6	61.8
-47.5°	0.0	2.3	3.6	3.6	7.8	13.9	20.6	29.1	36.2	44.9	54.5
-50°	0.0	2.2	3.5	3.4	6.9	11.7	17.9	24.9	31.3	39.5	47.3
-52.5°	0.0	2.1	3.5	3.4	6.0	9.6	15.5	20.9	27.1	34.2	40.5
-55°	0.0	1.9	3.4	3.4	5.2	8.3	13.1	17.1	23.2	29.0	34.9
-57.5°	0.0	1.8	3.4	3.4	4.3	7.3	10.8	14.6	19.2	24.5	29.5
-60°	0.0	1.7	3.4	3.4	3.4	6.2	8.6	12.2	15.6	20.2	24.4
-62.5°	0.0	1.6	3.1	3.4	3.4	5.1	7.3	9.9	13.0	16.0	19.9
-65°	0.0	1.4	2.9	3.4	3.4	4.0	6.1	7.9	10.4	12.9	15.5
-67.5°	0.0	1.3	2.6	3.4	3.4	3.4	4.8	6.5	7.9	10.2	12.1
-70°	0.0	1.2	2.3	3.4	3.4	3.4	3.6	5.1	6.4	7.5	9.3
-72.5°	0.0	1.0	2.0	3.1	3.4	3.4	3.4	3.8	5.0	5.9	6.7
-75°	0.0	0.9	1.8	2.6	3.4	3.4	3.4	3.4	3.5	4.5	5.2
-77.5°	0.0	0.7	1.5	2.2	2.9	3.4	3.4	3.4	3.4	3.4	3.7
-80°	0.0	0.6	1.2	1.8	2.3	2.9	3.4	3.4	3.4	3.4	3.4
-82.5°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.4	3.4	3.4
-85°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.0	2.3	2.6	2.9
-87.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.2	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-SA3E-940-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°	1.4	1.3	1.1	1.0	1.0	1.1	1.1	1.2	1.3	1.3	1.3
85°	2.8	2.6	2.2	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7
82.5°	3.2	3.0	2.9	2.9	3.1	3.3	3.5	3.8	4.1	4.4	4.7
80°	3.3	3.4	3.9	4.4	4.9	5.3	5.8	6.2	6.6	7.2	8.1
77.5°	4.4	5.0	5.7	6.3	7.0	8.3	9.4	10.4	11.5	12.9	14.3
75°	5.9	6.7	8.3	10.2	11.9	13.2	14.4	16.2	18.5	21.0	23.3
72.5°	8.1	10.2	12.4	14.8	17.6	20.0	22.3	24.5	28.1	32.1	35.1
70°	11.2	13.6	17.1	21.0	24.6	27.8	32.4	37.9	43.4	46.3	48.0
67.5°	14.3	18.4	22.7	27.3	32.3	37.6	44.0	49.9	55.6	57.9	60.0
65°	18.7	23.3	28.5	34.2	40.0	46.3	52.8	59.5	65.4	68.4	71.8
62.5°	23.1	28.5	34.6	40.9	47.4	54.2	62.1	68.8	73.8	79.9	87.1
60°	28.3	33.8	40.6	47.7	55.1	64.6	72.5	79.9	86.8	93.7	104.5
57.5°	33.9	39.1	46.8	55.1	65.2	76.1	85.1	93.2	102.6	112.5	123.4
55°	39.9	44.7	53.3	63.5	75.2	88.1	98.7	109.8	120.7	129.5	139.1
52.5°	46.8	51.2	60.2	72.0	85.6	100.1	114.2	125.7	135.8	145.5	156.4
50°	54.1	59.6	66.9	81.1	96.2	112.7	128.7	140.1	151.6	163.1	175.4
47.5°	62.5	68.6	74.8	90.1	107.2	124.1	140.6	155.4	168.1	183.3	197.4
45°	71.7	78.9	85.5	99.7	117.3	134.5	152.8	170.6	188.5	206.4	228.9
42.5°	81.4	89.3	97.7	108.7	126.3	145.3	165.0	188.6	211.3	236.3	265.5
40°	90.9	99.6	109.7	119.6	135.2	156.3	180.4	206.8	238.9	271.3	306.6
37.5°	100.1	110.2	121.0	131.3	145.0	168.8	195.3	229.2	267.8	308.6	353.6
35°	109.2	120.3	131.3	143.5	158.9	182.0	214.7	253.0	299.3	351.0	392.2
32.5°	118.0	130.0	141.2	155.8	174.9	198.6	233.4	281.6	335.1	387.5	415.0
30°	129.1	138.7	151.0	167.5	190.5	220.7	258.4	310.4	371.2	406.9	432.5
27.5°	143.9	147.4	161.2	180.5	206.5	242.4	289.3	343.4	393.6	425.0	448.0
25°	158.5	162.1	170.8	193.7	225.8	268.1	320.8	382.4	412.2	438.7	465.3
22.5°	172.4	176.2	187.2	206.1	244.4	294.2	355.5	409.4	437.8	454.8	483.5
20°	185.5	191.4	204.9	226.8	263.5	318.9	389.1	434.4	461.5	481.8	508.3
17.5°	198.2	206.2	222.8	249.4	290.3	346.7	419.8	459.3	485.8	505.4	538.2
15°	210.4	220.6	240.0	270.6	315.4	376.5	440.2	479.8	508.2	527.6	565.9
12.5°	222.2	234.7	256.4	290.3	337.9	402.5	457.5	493.0	521.4	550.9	590.6
10°	233.7	248.3	272.1	308.5	358.1	424.8	472.0	503.7	532.0	569.5	610.9
7.5°	235.4	255.2	284.9	325.3	376.0	443.8	483.9	511.9	542.7	586.6	629.3
5°	235.5	254.7	285.9	329.7	384.5	454.9	492.2	518.2	553.0	601.8	645.7
2.5°	235.3	253.5	286.2	331.1	386.7	456.1	493.4	519.8	559.0	616.7	660.8
0°	234.9	251.8	285.6	331.2	387.0	454.5	493.4	520.4	562.7	630.3	674.2
-2.5°	235.3	253.5	286.2	331.1	386.7	456.1	493.4	519.8	559.0	616.7	660.8
-5°	235.5	254.7	285.9	329.7	384.5	454.9	492.2	518.2	553.0	601.8	645.7
-7.5°	235.4	255.2	284.9	325.3	376.0	443.8	483.9	511.9	542.7	586.6	629.3
-10°	233.7	248.3	272.1	308.5	358.1	424.8	472.0	503.7	532.0	569.5	610.9
-12.5°	222.2	234.7	256.4	290.3	337.9	402.5	457.5	493.0	521.4	550.9	590.6
-15°	210.4	220.6	240.0	270.6	315.4	376.5	440.2	479.8	508.2	527.6	565.9
-17.5°	198.2	206.2	222.8	249.4	290.3	346.7	419.8	459.3	485.8	505.4	538.2
-20°	185.5	191.4	204.9	226.8	263.5	318.9	389.1	434.4	461.5	481.8	508.3



REPORT NUMBER: P558873 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-940-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°	172.4	176.2	187.2	206.1	244.4	294.2	355.5	409.4	437.8	454.8	483.5
-25°	158.5	162.1	170.8	193.7	225.8	268.1	320.8	382.4	412.2	438.7	465.3
-27.5°	143.9	147.4	161.2	180.5	206.5	242.4	289.3	343.4	393.6	425.0	448.0
-30°	129.1	138.7	151.0	167.5	190.5	220.7	258.4	310.4	371.2	406.9	432.5
-32.5°	118.0	130.0	141.2	155.8	174.9	198.6	233.4	281.6	335.1	387.5	415.0
-35°	109.2	120.3	131.3	143.5	158.9	182.0	214.7	253.0	299.3	351.0	392.2
-37.5°	100.1	110.2	121.0	131.3	145.0	168.8	195.3	229.2	267.8	308.6	353.6
-40°	90.9	99.6	109.7	119.6	135.2	156.3	180.4	206.8	238.9	271.3	306.6
-42.5°	81.4	89.3	97.7	108.7	126.3	145.3	165.0	188.6	211.3	236.3	265.5
-45°	71.7	78.9	85.5	99.7	117.3	134.5	152.8	170.6	188.5	206.4	228.9
-47.5°	62.5	68.6	74.8	90.1	107.2	124.1	140.6	155.4	168.1	183.3	197.4
-50°	54.1	59.6	66.9	81.1	96.2	112.7	128.7	140.1	151.6	163.1	175.4
-52.5°	46.8	51.2	60.2	72.0	85.6	100.1	114.2	125.7	135.8	145.5	156.4
-55°	39.9	44.7	53.3	63.5	75.2	88.1	98.7	109.8	120.7	129.5	139.1
-57.5°	33.9	39.1	46.8	55.1	65.2	76.1	85.1	93.2	102.6	112.5	123.4
-60°	28.3	33.8	40.6	47.7	55.1	64.6	72.5	79.9	86.8	93.7	104.5
-62.5°	23.1	28.5	34.6	40.9	47.4	54.2	62.1	68.8	73.8	79.9	87.1
-65°	18.7	23.3	28.5	34.2	40.0	46.3	52.8	59.5	65.4	68.4	71.8
-67.5°	14.3	18.4	22.7	27.3	32.3	37.6	44.0	49.9	55.6	57.9	60.0
-70°	11.2	13.6	17.1	21.0	24.6	27.8	32.4	37.9	43.4	46.3	48.0
-72.5°	8.1	10.2	12.4	14.8	17.6	20.0	22.3	24.5	28.1	32.1	35.1
-75°	5.9	6.7	8.3	10.2	11.9	13.2	14.4	16.2	18.5	21.0	23.3
-77.5°	4.4	5.0	5.7	6.3	7.0	8.3	9.4	10.4	11.5	12.9	14.3
-80°	3.3	3.4	3.9	4.4	4.9	5.3	5.8	6.2	6.6	7.2	8.1
-82.5°	3.2	3.0	2.9	2.9	3.1	3.3	3.5	3.8	4.1	4.4	4.7
-85°	2.8	2.6	2.2	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7
-87.5°	1.4	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: P558873 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-940-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°	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2	3.3	3.3	3.3
82.5°	4.9	5.2	5.4	5.6	5.8	6.0	6.2	6.3	6.5	6.6	6.6
80°	9.1	9.8	10.3	10.7	11.0	12.2	13.7	15.3	16.9	17.5	17.9
77.5°	16.1	17.3	18.0	18.6	19.0	21.6	25.0	28.6	32.2	34.1	35.7
75°	25.6	27.1	28.0	28.6	29.0	33.1	39.1	45.4	51.9	55.3	57.7
72.5°	37.1	38.3	39.2	40.0	40.5	46.5	57.3	69.0	81.5	89.2	94.7
70°	49.5	50.8	51.9	52.8	53.4	60.6	76.3	92.7	109.7	126.7	144.8
67.5°	62.5	65.3	66.8	67.6	68.5	74.6	91.3	106.8	121.1	151.8	200.1
65°	76.7	83.2	85.9	87.5	88.1	90.9	105.2	118.1	129.7	153.6	190.5
62.5°	94.9	103.5	107.4	109.2	110.2	110.4	122.1	132.9	142.9	157.8	181.2
60°	114.5	123.7	128.6	129.9	130.8	131.2	140.5	151.2	161.1	173.3	195.1
57.5°	132.4	141.1	148.3	151.2	153.4	155.0	163.2	175.8	187.5	199.7	223.2
55°	149.5	160.1	170.1	175.6	180.8	185.4	193.4	209.3	224.4	238.6	263.0
52.5°	168.2	181.7	195.1	205.1	214.9	223.5	232.2	252.7	272.8	291.9	315.6
50°	190.5	207.1	226.6	243.0	257.1	270.9	283.3	307.7	335.0	361.0	385.9
47.5°	218.7	240.7	265.5	288.9	308.0	329.5	349.0	374.0	398.1	422.2	442.9
45°	253.3	283.8	312.5	343.5	370.7	384.9	396.2	411.8	436.6	460.3	479.6
42.5°	297.7	333.1	368.4	391.5	409.0	420.5	428.7	436.9	462.9	485.8	504.5
40°	347.0	382.6	404.3	423.3	435.4	445.7	458.6	471.3	491.7	515.1	535.9
37.5°	389.8	412.6	431.7	446.6	461.2	474.9	493.5	511.7	531.2	557.5	576.8
35°	416.1	436.2	455.6	474.2	493.0	514.0	537.2	564.1	587.9	566.2	534.9
32.5°	436.2	456.8	480.2	508.9	534.9	563.5	592.6	545.9	498.0	479.3	483.1
30°	453.7	477.6	509.9	547.4	583.4	570.5	506.7	484.4	491.0	504.1	529.3
27.5°	472.5	502.2	541.6	587.7	559.3	488.7	492.5	505.4	549.1	586.2	642.6
25°	494.6	530.6	579.4	558.0	493.3	500.0	532.7	582.1	665.5	743.2	811.2
22.5°	521.3	567.1	573.6	493.4	502.1	545.0	611.4	718.4	819.7	913.7	983.8
20°	548.4	601.3	520.0	503.0	540.6	617.1	740.5	863.3	976.4	1060.4	1130.6
17.5°	580.9	562.2	504.7	522.8	598.8	730.8	869.7	1000.0	1106.6	1251.9	1375.5
15°	609.3	524.6	514.0	573.5	687.9	836.5	987.4	1104.4	1297.0	1505.2	1715.7
12.5°	593.0	511.3	530.5	618.7	769.0	929.6	1063.1	1248.3	1503.1	1807.1	2264.1
10°	568.9	518.8	565.7	681.1	838.5	995.0	1133.6	1376.3	1712.6	2271.1	2990.7
7.5°	550.2	522.0	589.0	729.0	890.2	1034.4	1219.2	1513.5	1982.3	2748.5	4280.5
5°	536.0	521.9	599.7	756.8	920.8	1061.6	1272.0	1613.3	2246.5	3338.2	5956.2
2.5°	529.7	519.1	602.6	771.7	935.8	1076.8	1304.8	1685.0	2413.3	3886.1	7832.0
0°	534.0	513.7	601.5	777.3	944.6	1074.7	1309.6	1706.6	2463.6	4088.4	8083.7
-2.5°	529.7	519.1	602.6	771.7	935.8	1076.8	1304.8	1685.0	2413.3	3886.1	7832.0
-5°	536.0	521.9	599.7	756.8	920.8	1061.6	1272.0	1613.3	2246.5	3338.2	5956.2
-7.5°	550.2	522.0	589.0	729.0	890.2	1034.4	1219.2	1513.5	1982.3	2748.5	4280.5
-10°	568.9	518.8	565.7	681.1	838.5	995.0	1133.6	1376.3	1712.6	2271.1	2990.7
-12.5°	593.0	511.3	530.5	618.7	769.0	929.6	1063.1	1248.3	1503.1	1807.1	2264.1
-15°	609.3	524.6	514.0	573.5	687.9	836.5	987.4	1104.4	1297.0	1505.2	1715.7
-17.5°	580.9	562.2	504.7	522.8	598.8	730.8	869.7	1000.0	1106.6	1251.9	1375.5
-20°	548.4	601.3	520.0	503.0	540.6	617.1	740.5	863.3	976.4	1060.4	1130.6



REPORT NUMBER: P558873 (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°	521.3	567.1	573.6	493.4	502.1	545.0	611.4	718.4	819.7	913.7	983.8
-25°	494.6	530.6	579.4	558.0	493.3	500.0	532.7	582.1	665.5	743.2	811.2
-27.5°	472.5	502.2	541.6	587.7	559.3	488.7	492.5	505.4	549.1	586.2	642.6
-30°	453.7	477.6	509.9	547.4	583.4	570.5	506.7	484.4	491.0	504.1	529.3
-32.5°	436.2	456.8	480.2	508.9	534.9	563.5	592.6	545.9	498.0	479.3	483.1
-35°	416.1	436.2	455.6	474.2	493.0	514.0	537.2	564.1	587.9	566.2	534.9
-37.5°	389.8	412.6	431.7	446.6	461.2	474.9	493.5	511.7	531.2	557.5	576.8
-40°	347.0	382.6	404.3	423.3	435.4	445.7	458.6	471.3	491.7	515.1	535.9
-42.5°	297.7	333.1	368.4	391.5	409.0	420.5	428.7	436.9	462.9	485.8	504.5
-45°	253.3	283.8	312.5	343.5	370.7	384.9	396.2	411.8	436.6	460.3	479.6
-47.5°	218.7	240.7	265.5	288.9	308.0	329.5	349.0	374.0	398.1	422.2	442.9
-50°	190.5	207.1	226.6	243.0	257.1	270.9	283.3	307.7	335.0	361.0	385.9
-52.5°	168.2	181.7	195.1	205.1	214.9	223.5	232.2	252.7	272.8	291.9	315.6
-55°	149.5	160.1	170.1	175.6	180.8	185.4	193.4	209.3	224.4	238.6	263.0
-57.5°	132.4	141.1	148.3	151.2	153.4	155.0	163.2	175.8	187.5	199.7	223.2
-60°	114.5	123.7	128.6	129.9	130.8	131.2	140.5	151.2	161.1	173.3	195.1
-62.5°	94.9	103.5	107.4	109.2	110.2	110.4	122.1	132.9	142.9	157.8	181.2
-65°	76.7	83.2	85.9	87.5	88.1	90.9	105.2	118.1	129.7	153.6	190.5
-67.5°	62.5	65.3	66.8	67.6	68.5	74.6	91.3	106.8	121.1	151.8	200.1
-70°	49.5	50.8	51.9	52.8	53.4	60.6	76.3	92.7	109.7	126.7	144.8
-72.5°	37.1	38.3	39.2	40.0	40.5	46.5	57.3	69.0	81.5	89.2	94.7
-75°	25.6	27.1	28.0	28.6	29.0	33.1	39.1	45.4	51.9	55.3	57.7
-77.5°	16.1	17.3	18.0	18.6	19.0	21.6	25.0	28.6	32.2	34.1	35.7
-80°	9.1	9.8	10.3	10.7	11.0	12.2	13.7	15.3	16.9	17.5	17.9
-82.5°	4.9	5.2	5.4	5.6	5.8	6.0	6.2	6.3	6.5	6.6	6.6
-85°	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2	3.3	3.3	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: P558873 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-940-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°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.2
82.5°	6.7	6.8	6.8	6.8	6.8	6.8	6.7	6.6	6.6	6.5	6.3
80°	18.2	18.4	17.7	16.9	17.7	18.4	18.2	17.9	17.5	16.9	15.3
77.5°	37.1	38.5	37.1	35.5	37.1	38.5	37.1	35.7	34.1	32.2	28.6
75°	59.9	61.9	60.7	59.1	60.7	61.9	59.9	57.7	55.3	51.9	45.4
72.5°	100.0	105.0	103.8	101.4	103.8	105.0	100.0	94.7	89.2	81.5	69.0
70°	163.8	183.0	182.2	177.4	182.2	183.0	163.8	144.8	126.7	109.7	92.7
67.5°	252.5	307.0	324.3	332.9	324.3	307.0	252.5	200.1	151.8	121.1	106.8
65°	224.9	257.8	270.8	280.5	270.8	257.8	224.9	190.5	153.6	129.7	118.1
62.5°	202.2	221.7	225.9	226.4	225.9	221.7	202.2	181.2	157.8	142.9	132.9
60°	216.4	237.2	240.3	236.6	240.3	237.2	216.4	195.1	173.3	161.1	151.2
57.5°	245.8	267.5	271.5	267.0	271.5	267.5	245.8	223.2	199.7	187.5	175.8
55°	286.5	308.4	315.7	314.3	315.7	308.4	286.5	263.0	238.6	224.4	209.3
52.5°	338.3	358.6	366.9	366.7	366.9	358.6	338.3	315.6	291.9	272.8	252.7
50°	407.7	425.8	434.8	436.0	434.8	425.8	407.7	385.9	361.0	335.0	307.7
47.5°	457.6	469.5	475.7	476.5	475.7	469.5	457.6	442.9	422.2	398.1	374.0
45°	488.2	494.6	499.5	503.5	499.5	494.6	488.2	479.6	460.3	436.6	411.8
42.5°	517.0	530.3	540.2	542.4	540.2	530.3	517.0	504.5	485.8	462.9	436.9
40°	555.6	573.9	591.6	610.0	591.6	573.9	555.6	535.9	515.1	491.7	471.3
37.5°	596.8	617.3	634.3	643.8	634.3	617.3	596.8	576.8	557.5	531.2	511.7
35°	512.9	499.4	491.4	488.3	491.4	499.4	512.9	534.9	566.2	587.9	564.1
32.5°	485.4	486.4	484.8	481.6	484.8	486.4	485.4	483.1	479.3	498.0	545.9
30°	548.1	557.0	558.1	557.6	558.1	557.0	548.1	529.3	504.1	491.0	484.4
27.5°	684.3	707.1	714.2	728.3	714.2	707.1	684.3	642.6	586.2	549.1	505.4
25°	863.8	898.3	914.8	920.9	914.8	898.3	863.8	811.2	743.2	665.5	582.1
22.5°	1023.4	1049.7	1065.1	1078.1	1065.1	1049.7	1023.4	983.8	913.7	819.7	718.4
20°	1212.5	1260.5	1282.6	1284.2	1282.6	1260.5	1212.5	1130.6	1060.4	976.4	863.3
17.5°	1507.7	1601.2	1647.9	1661.0	1647.9	1601.2	1507.7	1375.5	1251.9	1106.6	1000.0
15°	1973.5	2212.0	2334.7	2392.7	2334.7	2212.0	1973.5	1715.7	1505.2	1297.0	1104.4
12.5°	2733.3	3271.0	3705.8	3869.5	3705.8	3271.0	2733.3	2264.1	1807.1	1503.1	1248.3
10°	4238.7	5844.5	7720.5	8595.7	7720.5	5844.5	4238.7	2990.7	2271.1	1712.6	1376.3
7.5°	8200.2	19039.3	36901.4	45422.1	36901.4	19039.3	8200.2	4280.5	2748.5	1982.3	1513.5
5°	17478.9	75433.6	135092.2	158677.3	135092.2	75433.6	17478.9	5956.2	3338.2	2246.5	1613.3
2.5°	27840.2	123721.0	233441.6	272961.6	233441.6	123721.0	27840.2	7832.0	3886.1	2413.3	1685.0
0°	33263.5	130379.1	257597.6	297030.3	257597.6	130379.1	33263.5	8083.7	4088.4	2463.6	1706.6
-2.5°	27840.2	123721.0	233441.6	272961.5	233441.6	123721.0	27840.2	7832.0	3886.1	2413.3	1685.0
-5°	17478.9	75433.6	135092.2	158677.3	135092.2	75433.6	17478.9	5956.2	3338.2	2246.5	1613.3
-7.5°	8200.2	19039.3	36901.4	45422.1	36901.4	19039.3	8200.2	4280.5	2748.5	1982.3	1513.5
-10°	4238.7	5844.5	7720.5	8595.7	7720.5	5844.5	4238.7	2990.7	2271.1	1712.6	1376.3
-12.5°	2733.3	3271.0	3705.8	3869.5	3705.8	3271.0	2733.3	2264.1	1807.1	1503.1	1248.3
-15°	1973.5	2212.0	2334.7	2392.7	2334.7	2212.0	1973.5	1715.7	1505.2	1297.0	1104.4
-17.5°	1507.7	1601.2	1647.9	1661.0	1647.9	1601.2	1507.7	1375.5	1251.9	1106.6	1000.0
-20°	1212.5	1260.5	1282.6	1284.2	1282.6	1260.5	1212.5	1130.6	1060.4	976.4	863.3



REPORT NUMBER: P558873 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-940-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°	1023.4	1049.7	1065.1	1078.1	1065.1	1049.7	1023.4	983.8	913.7	819.7	718.4
-25°	863.8	898.3	914.8	920.9	914.8	898.3	863.8	811.2	743.2	665.5	582.1
-27.5°	684.3	707.1	714.2	728.3	714.2	707.1	684.3	642.6	586.2	549.1	505.4
-30°	548.1	557.0	558.1	557.6	558.1	557.0	548.1	529.3	504.1	491.0	484.4
-32.5°	485.4	486.4	484.8	481.6	484.8	486.4	485.4	483.1	479.3	498.0	545.9
-35°	512.9	499.4	491.4	488.3	491.4	499.4	512.9	534.9	566.2	587.9	564.1
-37.5°	596.8	617.3	634.3	643.8	634.3	617.3	596.8	576.8	557.5	531.2	511.7
-40°	555.6	573.9	591.6	610.0	591.6	573.9	555.6	535.9	515.1	491.7	471.3
-42.5°	517.0	530.3	540.2	542.4	540.2	530.3	517.0	504.5	485.8	462.9	436.9
-45°	488.2	494.6	499.5	503.5	499.5	494.6	488.2	479.6	460.3	436.6	411.8
-47.5°	457.6	469.5	475.7	476.5	475.7	469.5	457.6	442.9	422.2	398.1	374.0
-50°	407.7	425.8	434.8	436.0	434.8	425.8	407.7	385.9	361.0	335.0	307.7
-52.5°	338.3	358.6	366.9	366.7	366.9	358.6	338.3	315.6	291.9	272.8	252.7
-55°	286.5	308.4	315.7	314.3	315.7	308.4	286.5	263.0	238.6	224.4	209.3
-57.5°	245.8	267.5	271.5	267.0	271.5	267.5	245.8	223.2	199.7	187.5	175.8
-60°	216.4	237.2	240.3	236.6	240.3	237.2	216.4	195.1	173.3	161.1	151.2
-62.5°	202.2	221.7	225.9	226.4	225.9	221.7	202.2	181.2	157.8	142.9	132.9
-65°	224.9	257.8	270.8	280.5	270.8	257.8	224.9	190.5	153.6	129.7	118.1
-67.5°	252.5	307.0	324.3	332.9	324.3	307.0	252.5	200.1	151.8	121.1	106.8
-70°	163.8	183.0	182.2	177.4	182.2	183.0	163.8	144.8	126.7	109.7	92.7
-72.5°	100.0	105.0	103.8	101.4	103.8	105.0	100.0	94.7	89.2	81.5	69.0
-75°	59.9	61.9	60.7	59.1	60.7	61.9	59.9	57.7	55.3	51.9	45.4
-77.5°	37.1	38.5	37.1	35.5	37.1	38.5	37.1	35.7	34.1	32.2	28.6
-80°	18.2	18.4	17.7	16.9	17.7	18.4	18.2	17.9	17.5	16.9	15.3
-82.5°	6.7	6.8	6.8	6.8	6.8	6.8	6.7	6.6	6.6	6.5	6.3
-85°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	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: P558873 (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°
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°	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4
82.5°	6.2	6.0	5.8	5.6	5.4	5.2	4.9	4.7	4.4	4.1	3.8
80°	13.7	12.2	11.0	10.7	10.3	9.8	9.1	8.1	7.2	6.6	6.2
77.5°	25.0	21.6	19.0	18.6	18.0	17.3	16.1	14.3	12.9	11.5	10.4
75°	39.1	33.1	29.0	28.6	28.0	27.1	25.6	23.3	21.0	18.5	16.2
72.5°	57.3	46.5	40.5	40.0	39.2	38.3	37.1	35.1	32.1	28.1	24.5
70°	76.3	60.6	53.4	52.8	51.9	50.8	49.5	48.0	46.3	43.4	37.9
67.5°	91.3	74.6	68.5	67.6	66.8	65.3	62.5	60.0	57.9	55.6	49.9
65°	105.2	90.9	88.1	87.5	85.9	83.2	76.7	71.8	68.4	65.4	59.5
62.5°	122.1	110.4	110.2	109.2	107.4	103.5	94.9	87.1	79.9	73.8	68.8
60°	140.5	131.2	130.8	129.9	128.6	123.7	114.5	104.5	93.7	86.8	79.9
57.5°	163.2	155.0	153.4	151.2	148.3	141.1	132.4	123.4	112.5	102.6	93.2
55°	193.4	185.4	180.8	175.6	170.1	160.1	149.5	139.1	129.5	120.7	109.8
52.5°	232.2	223.5	214.9	205.1	195.1	181.7	168.2	156.4	145.5	135.8	125.7
50°	283.3	270.9	257.1	243.0	226.6	207.1	190.5	175.4	163.1	151.6	140.1
47.5°	349.0	329.5	308.0	288.9	265.5	240.7	218.7	197.4	183.3	168.1	155.4
45°	396.2	384.9	370.7	343.5	312.5	283.8	253.3	228.9	206.4	188.5	170.6
42.5°	428.7	420.5	409.0	391.5	368.4	333.1	297.7	265.5	236.3	211.3	188.6
40°	458.6	445.7	435.4	423.3	404.3	382.6	347.0	306.6	271.3	238.9	206.8
37.5°	493.5	474.9	461.2	446.6	431.7	412.6	389.8	353.6	308.6	267.8	229.2
35°	537.2	514.0	493.0	474.2	455.6	436.2	416.1	392.2	351.0	299.3	253.0
32.5°	592.6	563.5	534.9	508.9	480.2	456.8	436.2	415.0	387.5	335.1	281.6
30°	506.7	570.5	583.4	547.4	509.9	477.6	453.7	432.5	406.9	371.2	310.4
27.5°	492.5	488.7	559.3	587.7	541.6	502.2	472.5	448.0	425.0	393.6	343.4
25°	532.7	500.0	493.3	558.0	579.4	530.6	494.6	465.3	438.7	412.2	382.4
22.5°	611.4	545.0	502.1	493.4	573.6	567.1	521.3	483.5	454.8	437.8	409.4
20°	740.5	617.1	540.6	503.0	520.0	601.3	548.4	508.3	481.8	461.5	434.4
17.5°	869.7	730.8	598.8	522.8	504.7	562.2	580.9	538.2	505.4	485.8	459.3
15°	987.4	836.5	687.9	573.5	514.0	524.6	609.3	565.9	527.6	508.2	479.8
12.5°	1063.1	929.6	769.0	618.7	530.5	511.3	593.0	590.6	550.9	521.4	493.0
10°	1133.6	995.0	838.5	681.1	565.7	518.8	568.9	610.9	569.5	532.0	503.7
7.5°	1219.2	1034.4	890.2	729.0	589.0	522.0	550.2	629.3	586.6	542.7	511.9
5°	1272.0	1061.6	920.8	756.8	599.7	521.9	536.0	645.7	601.8	553.0	518.2
2.5°	1304.8	1076.8	935.8	771.7	602.6	519.1	529.7	660.8	616.7	559.0	519.8
0°	1309.6	1074.7	944.6	777.3	601.5	513.7	534.0	674.2	630.3	562.7	520.4
-2.5°	1304.8	1076.8	935.8	771.7	602.6	519.1	529.7	660.8	616.7	559.0	519.8
-5°	1272.0	1061.6	920.8	756.8	599.7	521.9	536.0	645.7	601.8	553.0	518.2
-7.5°	1219.2	1034.4	890.2	729.0	589.0	522.0	550.2	629.3	586.6	542.7	511.9
-10°	1133.6	995.0	838.5	681.1	565.7	518.8	568.9	610.9	569.5	532.0	503.7
-12.5°	1063.1	929.6	769.0	618.7	530.5	511.3	593.0	590.6	550.9	521.4	493.0
-15°	987.4	836.5	687.9	573.5	514.0	524.6	609.3	565.9	527.6	508.2	479.8
-17.5°	869.7	730.8	598.8	522.8	504.7	562.2	580.9	538.2	505.4	485.8	459.3
-20°	740.5	617.1	540.6	503.0	520.0	601.3	548.4	508.3	481.8	461.5	434.4



REPORT NUMBER: P558873 (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°	611.4	545.0	502.1	493.4	573.6	567.1	521.3	483.5	454.8	437.8	409.4
-25°	532.7	500.0	493.3	558.0	579.4	530.6	494.6	465.3	438.7	412.2	382.4
-27.5°	492.5	488.7	559.3	587.7	541.6	502.2	472.5	448.0	425.0	393.6	343.4
-30°	506.7	570.5	583.4	547.4	509.9	477.6	453.7	432.5	406.9	371.2	310.4
-32.5°	592.6	563.5	534.9	508.9	480.2	456.8	436.2	415.0	387.5	335.1	281.6
-35°	537.2	514.0	493.0	474.2	455.6	436.2	416.1	392.2	351.0	299.3	253.0
-37.5°	493.5	474.9	461.2	446.6	431.7	412.6	389.8	353.6	308.6	267.8	229.2
-40°	458.6	445.7	435.4	423.3	404.3	382.6	347.0	306.6	271.3	238.9	206.8
-42.5°	428.7	420.5	409.0	391.5	368.4	333.1	297.7	265.5	236.3	211.3	188.6
-45°	396.2	384.9	370.7	343.5	312.5	283.8	253.3	228.9	206.4	188.5	170.6
-47.5°	349.0	329.5	308.0	288.9	265.5	240.7	218.7	197.4	183.3	168.1	155.4
-50°	283.3	270.9	257.1	243.0	226.6	207.1	190.5	175.4	163.1	151.6	140.1
-52.5°	232.2	223.5	214.9	205.1	195.1	181.7	168.2	156.4	145.5	135.8	125.7
-55°	193.4	185.4	180.8	175.6	170.1	160.1	149.5	139.1	129.5	120.7	109.8
-57.5°	163.2	155.0	153.4	151.2	148.3	141.1	132.4	123.4	112.5	102.6	93.2
-60°	140.5	131.2	130.8	129.9	128.6	123.7	114.5	104.5	93.7	86.8	79.9
-62.5°	122.1	110.4	110.2	109.2	107.4	103.5	94.9	87.1	79.9	73.8	68.8
-65°	105.2	90.9	88.1	87.5	85.9	83.2	76.7	71.8	68.4	65.4	59.5
-67.5°	91.3	74.6	68.5	67.6	66.8	65.3	62.5	60.0	57.9	55.6	49.9
-70°	76.3	60.6	53.4	52.8	51.9	50.8	49.5	48.0	46.3	43.4	37.9
-72.5°	57.3	46.5	40.5	40.0	39.2	38.3	37.1	35.1	32.1	28.1	24.5
-75°	39.1	33.1	29.0	28.6	28.0	27.1	25.6	23.3	21.0	18.5	16.2
-77.5°	25.0	21.6	19.0	18.6	18.0	17.3	16.1	14.3	12.9	11.5	10.4
-80°	13.7	12.2	11.0	10.7	10.3	9.8	9.1	8.1	7.2	6.6	6.2
-82.5°	6.2	6.0	5.8	5.6	5.4	5.2	4.9	4.7	4.4	4.1	3.8
-85°	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.7	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: P558873 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	1.4	1.4	1.3	1.2	1.0
85°	2.3	2.2	2.1	2.0	2.2	2.6	2.8	2.9	2.6	2.3	2.0
82.5°	3.5	3.3	3.1	2.9	2.9	3.0	3.2	3.4	3.4	3.4	3.1
80°	5.8	5.3	4.9	4.4	3.9	3.4	3.3	3.4	3.4	3.4	3.4
77.5°	9.4	8.3	7.0	6.3	5.7	5.0	4.4	3.7	3.4	3.4	3.4
75°	14.4	13.2	11.9	10.2	8.3	6.7	5.9	5.2	4.5	3.5	3.4
72.5°	22.3	20.0	17.6	14.8	12.4	10.2	8.1	6.7	5.9	5.0	3.8
70°	32.4	27.8	24.6	21.0	17.1	13.6	11.2	9.3	7.5	6.4	5.1
67.5°	44.0	37.6	32.3	27.3	22.7	18.4	14.3	12.1	10.2	7.9	6.5
65°	52.8	46.3	40.0	34.2	28.5	23.3	18.7	15.5	12.9	10.4	7.9
62.5°	62.1	54.2	47.4	40.9	34.6	28.5	23.1	19.9	16.0	13.0	9.9
60°	72.5	64.6	55.1	47.7	40.6	33.8	28.3	24.4	20.2	15.6	12.2
57.5°	85.1	76.1	65.2	55.1	46.8	39.1	33.9	29.5	24.5	19.2	14.6
55°	98.7	88.1	75.2	63.5	53.3	44.7	39.9	34.9	29.0	23.2	17.1
52.5°	114.2	100.1	85.6	72.0	60.2	51.2	46.8	40.5	34.2	27.1	20.9
50°	128.7	112.7	96.2	81.1	66.9	59.6	54.1	47.3	39.5	31.3	24.9
47.5°	140.6	124.1	107.2	90.1	74.8	68.6	62.5	54.5	44.9	36.2	29.1
45°	152.8	134.5	117.3	99.7	85.5	78.9	71.7	61.8	51.6	42.0	33.5
42.5°	165.0	145.3	126.3	108.7	97.7	89.3	81.4	70.6	58.5	48.0	38.5
40°	180.4	156.3	135.2	119.6	109.7	99.6	90.9	79.8	65.7	54.7	43.9
37.5°	195.3	168.8	145.0	131.3	121.0	110.2	100.1	89.3	74.7	62.2	49.4
35°	214.7	182.0	158.9	143.5	131.3	120.3	109.2	98.5	85.2	69.9	55.1
32.5°	233.4	198.6	174.9	155.8	141.2	130.0	118.0	110.2	96.0	77.6	60.8
30°	258.4	220.7	190.5	167.5	151.0	138.7	129.1	123.2	107.3	85.4	66.7
27.5°	289.3	242.4	206.5	180.5	161.2	147.4	143.9	137.7	118.8	93.8	73.1
25°	320.8	268.1	225.8	193.7	170.8	162.1	158.5	153.2	130.8	103.3	79.4
22.5°	355.5	294.2	244.4	206.1	187.2	176.2	172.4	166.4	143.5	112.7	85.6
20°	389.1	318.9	263.5	226.8	204.9	191.4	185.5	179.4	156.7	122.2	91.7
17.5°	419.8	346.7	290.3	249.4	222.8	206.2	198.2	192.1	170.2	131.4	97.5
15°	440.2	376.5	315.4	270.6	240.0	220.6	210.4	204.6	183.9	140.5	101.7
12.5°	457.5	402.5	337.9	290.3	256.4	234.7	222.2	216.8	197.6	146.3	103.9
10°	472.0	424.8	358.1	308.5	272.1	248.3	233.7	225.4	202.9	149.3	105.9
7.5°	483.9	443.8	376.0	325.3	284.9	255.2	235.4	227.0	206.0	151.5	107.5
5°	492.2	454.9	384.5	329.7	285.9	254.7	235.5	228.2	208.2	153.0	108.7
2.5°	493.4	456.1	386.7	331.1	286.2	253.5	235.3	229.2	209.3	153.8	109.5
0°	493.4	454.5	387.0	331.2	285.6	251.8	234.9	229.8	209.5	153.8	109.8
-2.5°	493.4	456.1	386.7	331.1	286.2	253.5	235.3	229.2	209.3	153.8	109.5
-5°	492.2	454.9	384.5	329.7	285.9	254.7	235.5	228.2	208.2	153.0	108.7
-7.5°	483.9	443.8	376.0	325.3	284.9	255.2	235.4	227.0	206.0	151.5	107.5
-10°	472.0	424.8	358.1	308.5	272.1	248.3	233.7	225.4	202.9	149.3	105.9
-12.5°	457.5	402.5	337.9	290.3	256.4	234.7	222.2	216.8	197.6	146.3	103.9
-15°	440.2	376.5	315.4	270.6	240.0	220.6	210.4	204.6	183.9	140.5	101.7
-17.5°	419.8	346.7	290.3	249.4	222.8	206.2	198.2	192.1	170.2	131.4	97.5
-20°	389.1	318.9	263.5	226.8	204.9	191.4	185.5	179.4	156.7	122.2	91.7



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 CATALOG NUMBER: GFLD-SA3E-940-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°	355.5	294.2	244.4	206.1	187.2	176.2	172.4	166.4	143.5	112.7	85.6
-25°	320.8	268.1	225.8	193.7	170.8	162.1	158.5	153.2	130.8	103.3	79.4
-27.5°	289.3	242.4	206.5	180.5	161.2	147.4	143.9	137.7	118.8	93.8	73.1
-30°	258.4	220.7	190.5	167.5	151.0	138.7	129.1	123.2	107.3	85.4	66.7
-32.5°	233.4	198.6	174.9	155.8	141.2	130.0	118.0	110.2	96.0	77.6	60.8
-35°	214.7	182.0	158.9	143.5	131.3	120.3	109.2	98.5	85.2	69.9	55.1
-37.5°	195.3	168.8	145.0	131.3	121.0	110.2	100.1	89.3	74.7	62.2	49.4
-40°	180.4	156.3	135.2	119.6	109.7	99.6	90.9	79.8	65.7	54.7	43.9
-42.5°	165.0	145.3	126.3	108.7	97.7	89.3	81.4	70.6	58.5	48.0	38.5
-45°	152.8	134.5	117.3	99.7	85.5	78.9	71.7	61.8	51.6	42.0	33.5
-47.5°	140.6	124.1	107.2	90.1	74.8	68.6	62.5	54.5	44.9	36.2	29.1
-50°	128.7	112.7	96.2	81.1	66.9	59.6	54.1	47.3	39.5	31.3	24.9
-52.5°	114.2	100.1	85.6	72.0	60.2	51.2	46.8	40.5	34.2	27.1	20.9
-55°	98.7	88.1	75.2	63.5	53.3	44.7	39.9	34.9	29.0	23.2	17.1
-57.5°	85.1	76.1	65.2	55.1	46.8	39.1	33.9	29.5	24.5	19.2	14.6
-60°	72.5	64.6	55.1	47.7	40.6	33.8	28.3	24.4	20.2	15.6	12.2
-62.5°	62.1	54.2	47.4	40.9	34.6	28.5	23.1	19.9	16.0	13.0	9.9
-65°	52.8	46.3	40.0	34.2	28.5	23.3	18.7	15.5	12.9	10.4	7.9
-67.5°	44.0	37.6	32.3	27.3	22.7	18.4	14.3	12.1	10.2	7.9	6.5
-70°	32.4	27.8	24.6	21.0	17.1	13.6	11.2	9.3	7.5	6.4	5.1
-72.5°	22.3	20.0	17.6	14.8	12.4	10.2	8.1	6.7	5.9	5.0	3.8
-75°	14.4	13.2	11.9	10.2	8.3	6.7	5.9	5.2	4.5	3.5	3.4
-77.5°	9.4	8.3	7.0	6.3	5.7	5.0	4.4	3.7	3.4	3.4	3.4
-80°	5.8	5.3	4.9	4.4	3.9	3.4	3.3	3.4	3.4	3.4	3.4
-82.5°	3.5	3.3	3.1	2.9	2.9	3.0	3.2	3.4	3.4	3.4	3.1
-85°	2.3	2.2	2.1	2.0	2.2	2.6	2.8	2.9	2.6	2.3	2.0
-87.5°	1.1	1.1	1.0	1.0	1.1	1.3	1.4	1.4	1.3	1.2	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°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
82.5°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
80°	3.4	2.9	2.3	1.8	1.2	0.6	0.0
77.5°	3.4	3.4	2.9	2.2	1.5	0.7	0.0
75°	3.4	3.4	3.4	2.6	1.8	0.9	0.0
72.5°	3.4	3.4	3.4	3.1	2.0	1.0	0.0
70°	3.6	3.4	3.4	3.4	2.3	1.2	0.0
67.5°	4.8	3.4	3.4	3.4	2.6	1.3	0.0
65°	6.1	4.0	3.4	3.4	2.9	1.4	0.0
62.5°	7.3	5.1	3.4	3.4	3.1	1.6	0.0
60°	8.6	6.2	3.4	3.4	3.4	1.7	0.0
57.5°	10.8	7.3	4.3	3.4	3.4	1.8	0.0
55°	13.1	8.3	5.2	3.4	3.4	1.9	0.0
52.5°	15.5	9.6	6.0	3.4	3.5	2.1	0.0
50°	17.9	11.7	6.9	3.4	3.5	2.2	0.0
47.5°	20.6	13.9	7.8	3.6	3.6	2.3	0.0
45°	24.4	16.0	8.6	4.2	3.6	2.4	0.0
42.5°	28.2	18.1	9.4	4.8	3.7	2.5	0.0
40°	32.1	20.3	10.7	5.4	3.7	2.6	0.0
37.5°	36.0	22.4	12.3	6.0	3.8	2.7	0.0
35°	40.0	25.2	13.9	6.5	3.9	2.8	0.0
32.5°	44.1	28.3	15.5	6.9	3.9	2.9	0.0
30°	48.7	31.4	17.1	7.3	4.0	2.9	0.0
27.5°	53.3	34.4	18.1	7.7	4.1	3.0	0.0
25°	57.8	37.3	18.8	7.9	4.2	3.1	0.0
22.5°	62.2	39.6	19.5	8.2	4.3	3.1	0.0
20°	66.5	40.4	19.9	8.4	4.4	3.2	0.0
17.5°	68.7	40.9	20.2	8.5	4.5	3.2	0.0
15°	69.5	41.2	20.3	8.6	4.6	3.3	0.0
12.5°	70.0	41.1	20.3	8.6	4.7	3.3	0.0
10°	70.2	40.8	20.2	8.7	4.8	3.3	0.0
7.5°	70.1	40.2	20.0	8.6	4.9	3.4	0.0
5°	69.6	39.4	19.6	8.6	4.9	3.4	0.0
2.5°	68.8	38.4	19.1	8.5	5.0	3.4	0.0
0°	67.6	37.2	18.6	8.4	5.1	3.4	0.0
-2.5°	68.8	38.4	19.1	8.5	5.0	3.4	0.0
-5°	69.6	39.4	19.6	8.6	4.9	3.4	0.0
-7.5°	70.1	40.2	20.0	8.6	4.9	3.4	0.0
-10°	70.2	40.8	20.2	8.7	4.8	3.3	0.0
-12.5°	70.0	41.1	20.3	8.6	4.7	3.3	0.0
-15°	69.5	41.2	20.3	8.6	4.6	3.3	0.0
-17.5°	68.7	40.9	20.2	8.5	4.5	3.2	0.0
-20°	66.5	40.4	19.9	8.4	4.4	3.2	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	62.2	39.6	19.5	8.2	4.3	3.1	0.0
-25°	57.8	37.3	18.8	7.9	4.2	3.1	0.0
-27.5°	53.3	34.4	18.1	7.7	4.1	3.0	0.0
-30°	48.7	31.4	17.1	7.3	4.0	2.9	0.0
-32.5°	44.1	28.3	15.5	6.9	3.9	2.9	0.0
-35°	40.0	25.2	13.9	6.5	3.9	2.8	0.0
-37.5°	36.0	22.4	12.3	6.0	3.8	2.7	0.0
-40°	32.1	20.3	10.7	5.4	3.7	2.6	0.0
-42.5°	28.2	18.1	9.4	4.8	3.7	2.5	0.0
-45°	24.4	16.0	8.6	4.2	3.6	2.4	0.0
-47.5°	20.6	13.9	7.8	3.6	3.6	2.3	0.0
-50°	17.9	11.7	6.9	3.4	3.5	2.2	0.0
-52.5°	15.5	9.6	6.0	3.4	3.5	2.1	0.0
-55°	13.1	8.3	5.2	3.4	3.4	1.9	0.0
-57.5°	10.8	7.3	4.3	3.4	3.4	1.8	0.0
-60°	8.6	6.2	3.4	3.4	3.4	1.7	0.0
-62.5°	7.3	5.1	3.4	3.4	3.1	1.6	0.0
-65°	6.1	4.0	3.4	3.4	2.9	1.4	0.0
-67.5°	4.8	3.4	3.4	3.4	2.6	1.3	0.0
-70°	3.6	3.4	3.4	3.4	2.3	1.2	0.0
-72.5°	3.4	3.4	3.4	3.1	2.0	1.0	0.0
-75°	3.4	3.4	3.4	2.6	1.8	0.9	0.0
-77.5°	3.4	3.4	2.9	2.2	1.5	0.7	0.0
-80°	3.4	2.9	2.3	1.8	1.2	0.6	0.0
-82.5°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
-85°	1.8	1.5	1.2	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)