

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: P558587 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-940-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558587 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1D-940-U-WR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (16) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

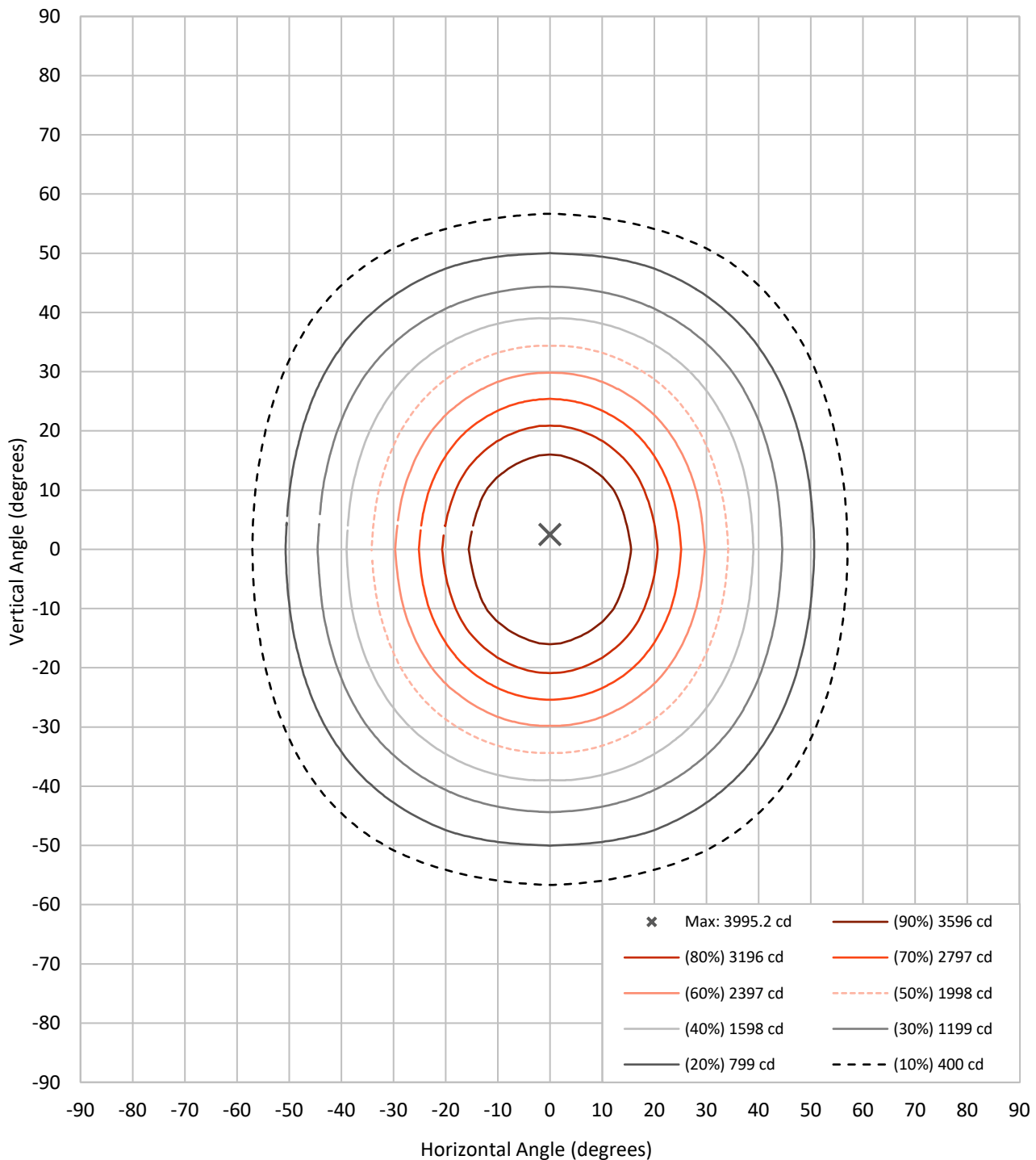
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	5407.1 lumens	Max Intensity:	3995.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	98.3 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	3241.9 lumens	Field Lumens:	5165.2 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 55
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: P558587 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





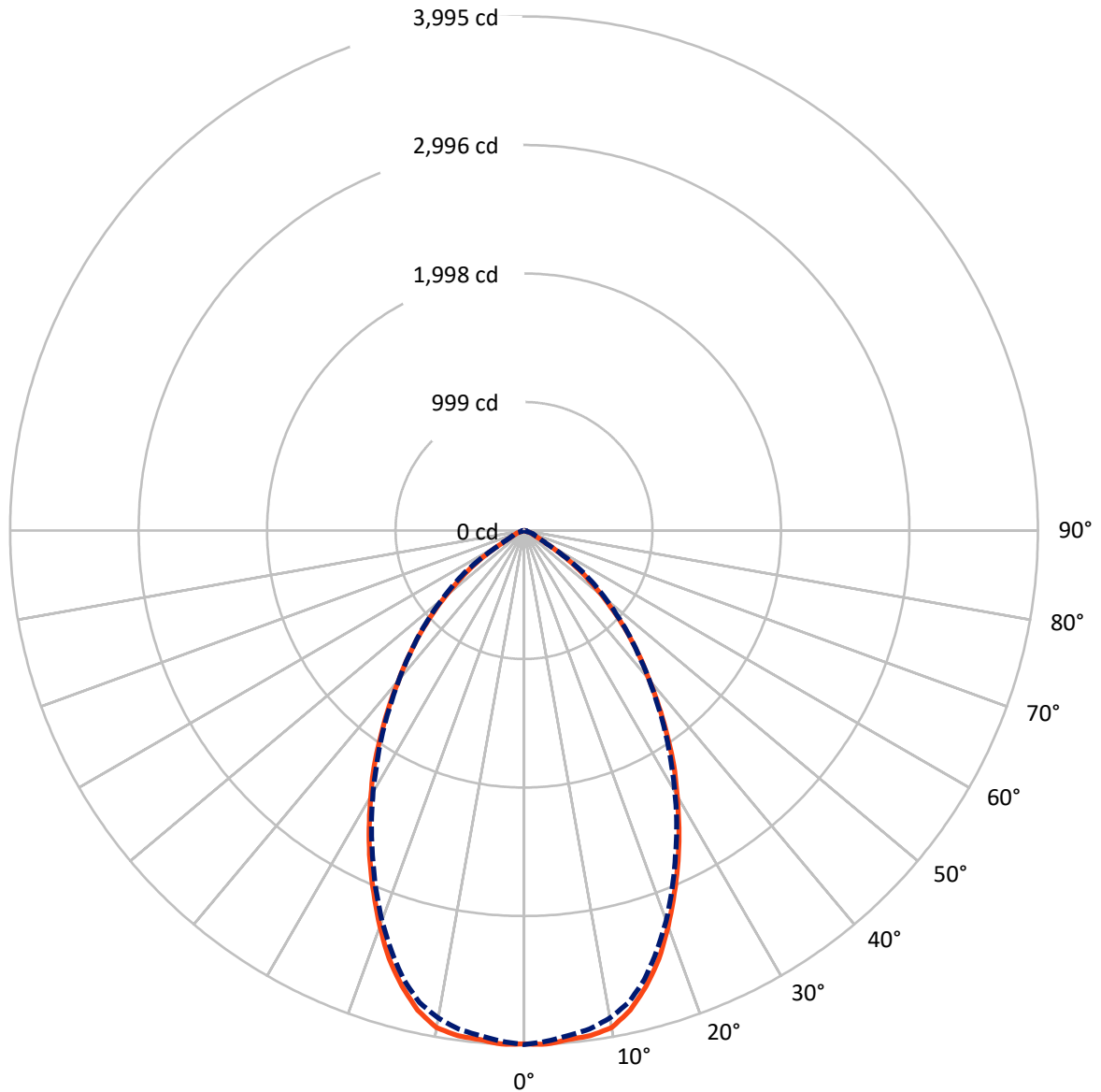
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Lumen Table

90																			
80	0.0	0.5	1.3	2.3	1.6	2.3	1.3	0.5	0.0										
70																			
60	0.2	0.4	0.7	1.1	1.7	2.2	2.7	3.0	3.0	2.7	2.2	1.7	1.1	0.7	0.4	0.2			
50		0.6	1.2	2.2	4.2	8.1	12.2	14.6	14.6	12.2	8.1	4.2	2.2	1.2	0.6				
40	0.4	0.8	1.8	5.2	13.6	22.7	30.1	34.4	34.4	30.1	22.7	13.6	5.2	1.8	0.8	0.4			
30		1.0	3.0	11.9	24.5	38.2	50.6	58.1	58.1	50.6	38.2	24.5	11.9	3.0	1.0				
20	0.5	1.2	5.5	18.1	34.7	54.3	72.6	84.1	84.1	72.6	54.3	34.7	18.1	5.5	1.2	0.5			
10		1.4	7.9	22.5	42.8	67.9	92.5	108.0	108.0	92.5	67.9	42.8	22.5	7.9	1.4				
0	0.5	1.5	9.2	24.8	47.3	75.9	103.9	118.7	118.7	103.9	75.9	47.3	24.8	9.2	1.5	0.5			
-10		1.5	9.2	24.8	47.3	75.9	103.9	118.7	118.7	103.9	75.9	47.3	24.8	9.2	1.5				
-20	0.5	1.4	7.9	22.5	42.8	67.9	92.5	108.0	108.0	92.5	67.9	42.8	22.5	7.9	1.4	0.5			
-30		1.2	5.5	18.1	34.7	54.3	72.6	84.1	84.1	72.6	54.3	34.7	18.1	5.5	1.2				
-40	0.4	1.0	3.0	11.9	24.5	38.2	50.6	58.1	58.1	50.6	38.2	24.5	11.9	3.0	1.0	0.4			
-50		0.8	1.8	5.2	13.6	22.7	30.1	34.4	34.4	30.1	22.7	13.6	5.2	1.8	0.8				
-60	0.2	0.6	1.2	2.2	4.2	8.1	12.2	14.6	14.6	12.2	8.1	4.2	2.2	1.2	0.6	0.2			
-70		0.4	0.7	1.1	1.7	2.2	2.7	3.0	3.0	2.7	2.2	1.7	1.1	0.7	0.4				
-80	0.0	0.5	1.3	2.3	1.6	2.3	1.3	0.5	0.0										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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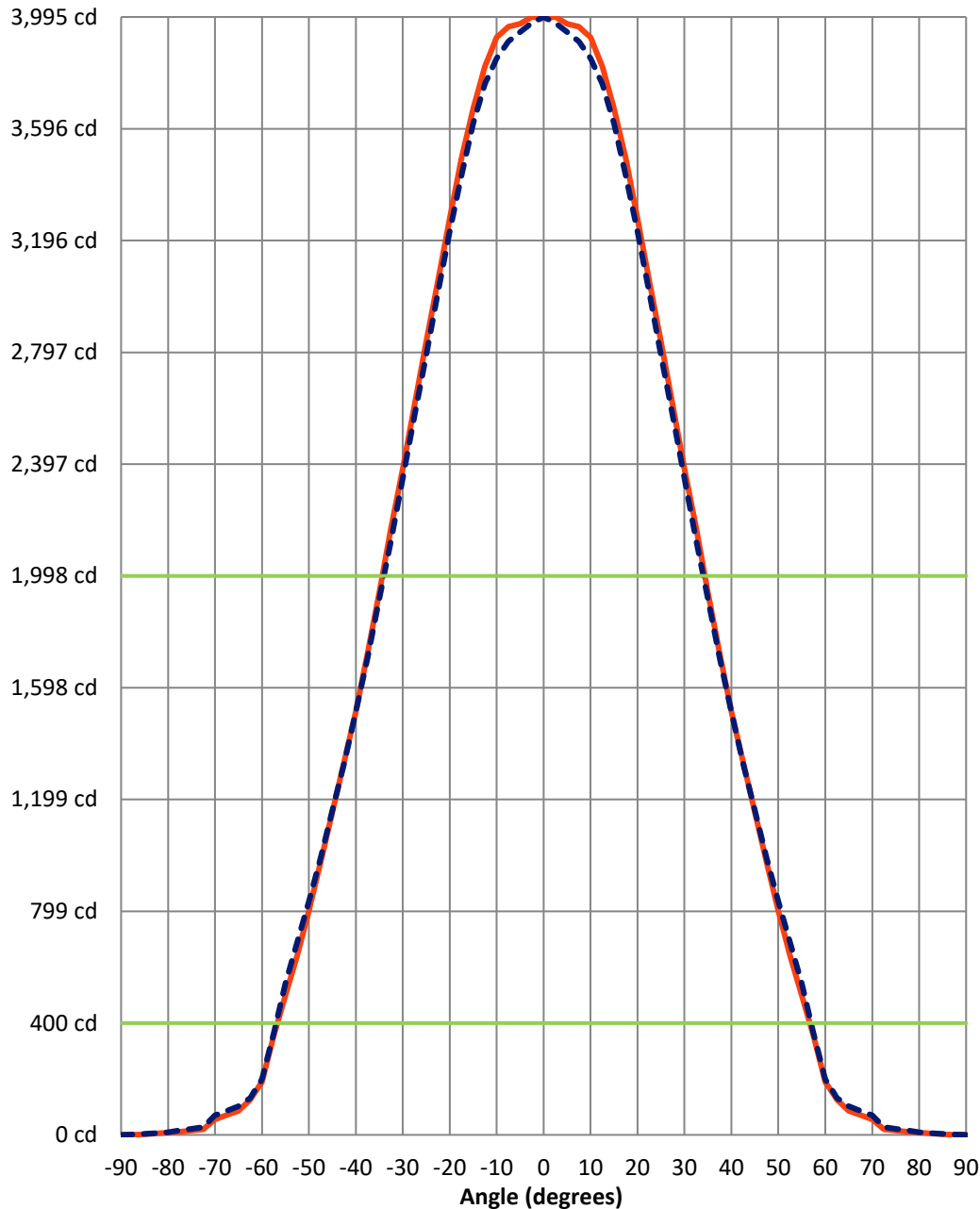
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 2.5-Deg

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Luminous Intensity Plot



Beam:
H Angle: 68°
V Angle: 68.7°
Lumens: 3241.9
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 5165.2
Efficiency: 95.5%

Spill:
Lumens: 241.9
Efficiency: 4.5%

- Vertical Distribution through 0-Deg
- - Horizontal Distribution through 2.5-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	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.6
85°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.3
82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.3	1.6	2.2	2.9
80°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	2.4	3.3	4.2	5.0
77.5°	0.0	0.3	0.6	1.0	1.3	1.8	2.8	3.9	4.9	6.0	7.5
75°	0.0	0.4	0.8	1.2	1.6	2.6	4.0	5.3	6.7	8.9	11.1
72.5°	0.0	0.5	0.9	1.3	2.1	3.4	5.1	6.9	9.6	12.1	14.7
70°	0.0	0.5	1.0	1.6	2.7	4.2	6.2	9.4	12.4	15.3	19.5
67.5°	0.0	0.6	1.1	1.9	3.2	4.9	8.1	11.9	15.2	19.6	24.6
65°	0.0	0.6	1.3	2.2	3.7	5.9	9.9	14.3	18.6	23.7	29.3
62.5°	0.0	0.7	1.4	2.5	4.1	7.1	11.5	16.9	21.9	27.7	33.9
60°	0.0	0.7	1.5	2.7	4.5	8.1	13.0	19.5	25.1	32.1	38.4
57.5°	0.0	0.8	1.7	3.0	5.2	9.1	14.5	21.8	28.9	36.4	42.2
55°	0.0	0.9	1.8	3.2	5.7	9.9	15.9	23.6	32.8	40.4	45.7
52.5°	0.0	0.9	2.0	3.4	6.3	10.7	17.1	26.3	36.8	43.6	49.1
50°	0.0	1.0	2.1	3.6	6.7	11.4	18.0	28.7	40.4	46.8	52.8
47.5°	0.0	1.0	2.2	3.8	7.1	12.0	18.9	30.9	43.2	49.9	56.2
45°	0.0	1.1	2.4	4.0	7.3	12.4	20.4	32.7	44.4	52.8	59.5
42.5°	0.0	1.1	2.5	4.2	7.5	12.7	21.7	33.7	45.2	55.5	63.0
40°	0.0	1.1	2.6	4.4	7.7	12.8	22.7	34.1	45.7	57.7	66.5
37.5°	0.0	1.2	2.7	4.6	7.7	12.8	23.5	34.3	46.2	58.7	69.9
35°	0.0	1.2	2.8	4.8	7.7	13.1	24.0	34.1	46.7	60.8	73.3
32.5°	0.0	1.3	2.9	5.0	7.6	13.4	24.1	33.6	47.2	63.5	76.6
30°	0.0	1.3	3.0	5.2	7.4	13.6	23.6	33.2	47.7	66.8	79.8
27.5°	0.0	1.3	3.1	5.3	7.6	13.6	23.0	33.3	48.8	70.5	82.8
25°	0.0	1.4	3.2	5.5	7.8	13.4	22.2	33.3	51.4	73.5	85.7
22.5°	0.0	1.4	3.3	5.6	8.0	13.4	21.2	33.2	54.0	75.8	89.3
20°	0.0	1.4	3.3	5.7	8.2	14.1	20.0	33.0	56.8	77.8	92.5
17.5°	0.0	1.4	3.4	5.8	8.4	14.6	19.8	32.7	59.6	79.7	95.3
15°	0.0	1.4	3.5	5.9	8.6	15.1	20.2	32.6	62.2	81.3	97.7
12.5°	0.0	1.5	3.5	6.0	8.7	15.5	20.6	32.3	64.6	82.7	99.7
10°	0.0	1.5	3.5	6.1	8.9	15.8	20.9	31.7	66.6	83.7	101.2
7.5°	0.0	1.5	3.6	6.1	9.0	16.1	21.1	30.7	68.2	84.6	102.0
5°	0.0	1.5	3.6	6.2	9.1	16.3	21.3	29.4	69.3	85.3	102.5
2.5°	0.0	1.5	3.6	6.2	9.1	16.4	21.5	27.9	69.8	85.7	102.5
0°	0.0	1.5	3.6	6.2	9.2	16.4	21.6	26.2	69.8	85.8	102.2
-2.5°	0.0	1.5	3.6	6.2	9.1	16.4	21.5	27.9	69.8	85.7	102.5
-5°	0.0	1.5	3.6	6.2	9.1	16.3	21.3	29.4	69.3	85.3	102.5
-7.5°	0.0	1.5	3.6	6.1	9.0	16.1	21.1	30.7	68.2	84.6	102.0
-10°	0.0	1.5	3.5	6.1	8.9	15.8	20.9	31.7	66.6	83.7	101.2
-12.5°	0.0	1.5	3.5	6.0	8.7	15.5	20.6	32.3	64.6	82.7	99.7
-15°	0.0	1.4	3.5	5.9	8.6	15.1	20.2	32.6	62.2	81.3	97.7
-17.5°	0.0	1.4	3.4	5.8	8.4	14.6	19.8	32.7	59.6	79.7	95.3
-20°	0.0	1.4	3.3	5.7	8.2	14.1	20.0	33.0	56.8	77.8	92.5



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 CATALOG NUMBER: GFLD-SA1D-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.4	3.3	5.6	8.0	13.4	21.2	33.2	54.0	75.8	89.3
-25°	0.0	1.4	3.2	5.5	7.8	13.4	22.2	33.3	51.4	73.5	85.7
-27.5°	0.0	1.3	3.1	5.3	7.6	13.6	23.0	33.3	48.8	70.5	82.8
-30°	0.0	1.3	3.0	5.2	7.4	13.6	23.6	33.2	47.7	66.8	79.8
-32.5°	0.0	1.3	2.9	5.0	7.6	13.4	24.1	33.6	47.2	63.5	76.6
-35°	0.0	1.2	2.8	4.8	7.7	13.1	24.0	34.1	46.7	60.8	73.3
-37.5°	0.0	1.2	2.7	4.6	7.7	12.8	23.5	34.3	46.2	58.7	69.9
-40°	0.0	1.1	2.6	4.4	7.7	12.8	22.7	34.1	45.7	57.7	66.5
-42.5°	0.0	1.1	2.5	4.2	7.5	12.7	21.7	33.7	45.2	55.5	63.0
-45°	0.0	1.1	2.4	4.0	7.3	12.4	20.4	32.7	44.4	52.8	59.5
-47.5°	0.0	1.0	2.2	3.8	7.1	12.0	18.9	30.9	43.2	49.9	56.2
-50°	0.0	1.0	2.1	3.6	6.7	11.4	18.0	28.7	40.4	46.8	52.8
-52.5°	0.0	0.9	2.0	3.4	6.3	10.7	17.1	26.3	36.8	43.6	49.1
-55°	0.0	0.9	1.8	3.2	5.7	9.9	15.9	23.6	32.8	40.4	45.7
-57.5°	0.0	0.8	1.7	3.0	5.2	9.1	14.5	21.8	28.9	36.4	42.2
-60°	0.0	0.7	1.5	2.7	4.5	8.1	13.0	19.5	25.1	32.1	38.4
-62.5°	0.0	0.7	1.4	2.5	4.1	7.1	11.5	16.9	21.9	27.7	33.9
-65°	0.0	0.6	1.3	2.2	3.7	5.9	9.9	14.3	18.6	23.7	29.3
-67.5°	0.0	0.6	1.1	1.9	3.2	4.9	8.1	11.9	15.2	19.6	24.6
-70°	0.0	0.5	1.0	1.6	2.7	4.2	6.2	9.4	12.4	15.3	19.5
-72.5°	0.0	0.5	0.9	1.3	2.1	3.4	5.1	6.9	9.6	12.1	14.7
-75°	0.0	0.4	0.8	1.2	1.6	2.6	4.0	5.3	6.7	8.9	11.1
-77.5°	0.0	0.3	0.6	1.0	1.3	1.8	2.8	3.9	4.9	6.0	7.5
-80°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	2.4	3.3	4.2	5.0
-82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.3	1.6	2.2	2.9
-85°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.3
-87.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA1D-940-U-WR-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.6	0.6	0.5
85°	1.3	1.3	1.4	1.5	1.7	1.8	1.9	1.9	2.1	2.4	2.7
82.5°	3.2	3.5	3.6	3.6	3.7	3.7	3.6	3.6	4.5	5.5	6.7
80°	5.5	5.7	6.5	7.5	8.0	8.0	7.6	6.7	8.0	10.0	12.3
77.5°	8.9	10.2	11.6	13.0	13.3	12.6	11.5	10.0	11.8	15.3	19.3
75°	13.0	14.7	16.8	18.3	18.3	17.2	15.7	15.5	18.5	22.7	26.3
72.5°	17.7	20.3	22.3	23.6	23.5	23.3	23.8	25.1	27.6	30.7	33.4
70°	23.5	26.1	27.5	28.2	28.4	29.9	32.0	33.6	35.4	38.4	41.3
67.5°	29.2	31.2	32.4	33.3	35.7	38.4	40.6	42.5	44.6	47.8	50.4
65°	34.3	36.3	38.1	40.7	44.3	46.8	49.3	51.9	55.7	59.2	61.4
62.5°	39.2	41.4	44.1	47.7	51.5	54.8	58.9	63.6	68.4	72.1	76.2
60°	43.1	46.2	50.0	54.3	58.8	64.2	69.5	74.9	79.9	84.8	90.9
57.5°	46.7	51.2	56.0	61.0	67.0	73.7	80.2	86.1	92.4	99.2	106.1
55°	50.7	56.5	61.9	67.9	75.2	83.8	91.0	97.9	105.5	116.9	126.8
52.5°	55.1	61.6	67.6	75.0	84.1	93.2	101.3	111.1	123.7	140.6	168.0
50°	59.2	66.2	73.3	82.8	92.6	102.2	114.0	127.6	152.8	184.4	239.6
47.5°	63.4	70.7	80.1	90.4	101.1	113.7	128.7	158.5	192.8	271.4	349.8
45°	67.5	76.2	86.5	98.2	111.0	126.9	158.0	194.7	288.1	378.6	472.7
42.5°	71.4	81.7	93.5	106.0	122.6	151.3	191.4	288.5	389.6	493.5	583.9
40°	76.0	86.8	100.5	116.3	138.3	181.9	272.0	381.3	495.2	593.3	681.3
37.5°	80.3	93.1	107.9	126.4	165.9	238.6	354.8	475.9	586.3	682.2	776.1
35°	84.2	99.1	116.9	144.5	192.9	312.9	438.7	562.0	667.4	769.8	872.6
32.5°	88.8	105.0	125.4	168.4	254.8	384.5	518.4	635.8	746.3	855.4	972.8
30°	93.9	112.2	137.4	191.3	316.2	454.1	586.8	706.7	821.2	942.4	1068.1
27.5°	98.7	119.2	157.1	235.7	373.9	519.1	648.9	772.4	895.3	1024.4	1159.7
25°	103.0	125.9	175.7	284.3	429.6	574.5	706.1	831.8	964.5	1104.8	1247.2
22.5°	107.7	132.3	192.4	328.5	480.6	623.8	756.7	889.9	1030.4	1179.0	1327.6
20°	112.7	146.2	219.8	369.4	526.9	668.7	802.1	943.9	1092.0	1245.9	1402.9
17.5°	117.3	158.4	252.6	408.2	565.8	707.7	842.9	992.7	1145.6	1306.5	1471.9
15°	121.5	169.0	281.6	442.6	598.9	740.8	882.7	1036.1	1193.2	1360.8	1532.6
12.5°	125.1	177.9	306.4	472.2	626.8	769.1	916.1	1072.7	1235.6	1408.3	1587.3
10°	128.2	185.2	327.1	497.1	649.5	792.5	943.0	1103.2	1269.4	1446.6	1631.4
7.5°	130.2	191.2	343.5	516.9	667.0	810.8	963.2	1127.2	1294.1	1476.4	1664.7
5°	131.4	196.2	355.3	531.5	679.7	824.6	977.8	1144.5	1309.9	1497.4	1687.2
2.5°	132.1	199.5	362.6	540.9	687.7	834.3	989.9	1159.6	1326.7	1512.3	1704.5
0°	132.0	201.3	365.2	544.9	690.8	838.7	995.8	1167.4	1337.4	1518.7	1716.4
-2.5°	132.1	199.5	362.6	540.9	687.7	834.3	989.9	1159.6	1326.7	1512.3	1704.5
-5°	131.4	196.2	355.3	531.5	679.7	824.6	977.8	1144.5	1309.9	1497.4	1687.2
-7.5°	130.2	191.2	343.5	516.9	667.0	810.8	963.2	1127.2	1294.1	1476.4	1664.7
-10°	128.2	185.2	327.1	497.1	649.5	792.5	943.0	1103.2	1269.4	1446.6	1631.4
-12.5°	125.1	177.9	306.4	472.2	626.8	769.1	916.1	1072.7	1235.6	1408.3	1587.3
-15°	121.5	169.0	281.6	442.6	598.9	740.8	882.7	1036.1	1193.2	1360.8	1532.6
-17.5°	117.3	158.4	252.6	408.2	565.8	707.7	842.9	992.7	1145.6	1306.5	1471.9
-20°	112.7	146.2	219.8	369.4	526.9	668.7	802.1	943.9	1092.0	1245.9	1402.9



REPORT NUMBER: P558587 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	107.7	132.3	192.4	328.5	480.6	623.8	756.7	889.9	1030.4	1179.0	1327.6
-25°	103.0	125.9	175.7	284.3	429.6	574.5	706.1	831.8	964.5	1104.8	1247.2
-27.5°	98.7	119.2	157.1	235.7	373.9	519.1	648.9	772.4	895.3	1024.4	1159.7
-30°	93.9	112.2	137.4	191.3	316.2	454.1	586.8	706.7	821.2	942.4	1068.1
-32.5°	88.8	105.0	125.4	168.4	254.8	384.5	518.4	635.8	746.3	855.4	972.8
-35°	84.2	99.1	116.9	144.5	192.9	312.9	438.7	562.0	667.4	769.8	872.6
-37.5°	80.3	93.1	107.9	126.4	165.9	238.6	354.8	475.9	586.3	682.2	776.1
-40°	76.0	86.8	100.5	116.3	138.3	181.9	272.0	381.3	495.2	593.3	681.3
-42.5°	71.4	81.7	93.5	106.0	122.6	151.3	191.4	288.5	389.6	493.5	583.9
-45°	67.5	76.2	86.5	98.2	111.0	126.9	158.0	194.7	288.1	378.6	472.7
-47.5°	63.4	70.7	80.1	90.4	101.1	113.7	128.7	158.5	192.8	271.4	349.8
-50°	59.2	66.2	73.3	82.8	92.6	102.2	114.0	127.6	152.8	184.4	239.6
-52.5°	55.1	61.6	67.6	75.0	84.1	93.2	101.3	111.1	123.7	140.6	168.0
-55°	50.7	56.5	61.9	67.9	75.2	83.8	91.0	97.9	105.5	116.9	126.8
-57.5°	46.7	51.2	56.0	61.0	67.0	73.7	80.2	86.1	92.4	99.2	106.1
-60°	43.1	46.2	50.0	54.3	58.8	64.2	69.5	74.9	79.9	84.8	90.9
-62.5°	39.2	41.4	44.1	47.7	51.5	54.8	58.9	63.6	68.4	72.1	76.2
-65°	34.3	36.3	38.1	40.7	44.3	46.8	49.3	51.9	55.7	59.2	61.4
-67.5°	29.2	31.2	32.4	33.3	35.7	38.4	40.6	42.5	44.6	47.8	50.4
-70°	23.5	26.1	27.5	28.2	28.4	29.9	32.0	33.6	35.4	38.4	41.3
-72.5°	17.7	20.3	22.3	23.6	23.5	23.3	23.8	25.1	27.6	30.7	33.4
-75°	13.0	14.7	16.8	18.3	18.3	17.2	15.7	15.5	18.5	22.7	26.3
-77.5°	8.9	10.2	11.6	13.0	13.3	12.6	11.5	10.0	11.8	15.3	19.3
-80°	5.5	5.7	6.5	7.5	8.0	8.0	7.6	6.7	8.0	10.0	12.3
-82.5°	3.2	3.5	3.6	3.6	3.7	3.7	3.6	3.6	4.5	5.5	6.7
-85°	1.3	1.3	1.4	1.5	1.7	1.8	1.9	1.9	2.1	2.4	2.7
-87.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.6	0.6	0.5
-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: P558587 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
85°	3.1	3.1	3.0	2.8	2.6	2.7	2.8	2.9	2.9	2.7	2.5
82.5°	8.0	8.6	9.2	9.8	10.5	10.4	10.1	9.7	9.2	8.1	7.0
80°	15.1	16.5	17.5	18.2	18.8	18.2	17.4	16.3	15.2	13.5	11.6
77.5°	23.4	24.8	25.6	26.5	27.5	27.7	27.7	27.8	27.9	24.8	20.8
75°	29.1	31.0	32.5	33.9	35.1	35.7	36.1	36.5	36.8	32.7	27.2
72.5°	35.8	37.6	39.0	40.5	41.9	42.9	43.6	44.3	44.8	41.4	36.6
70°	43.6	45.4	47.1	48.6	50.1	51.5	52.7	53.8	54.8	55.0	55.3
67.5°	52.4	53.4	55.5	57.4	59.7	61.4	63.2	65.0	66.7	68.0	69.2
65°	63.3	67.1	71.1	73.0	73.1	75.6	79.4	81.6	82.2	82.7	83.9
62.5°	81.6	86.6	89.2	92.6	97.3	102.5	104.5	107.3	110.8	114.7	118.2
60°	96.1	100.3	106.7	113.2	118.9	124.2	136.8	148.1	157.7	166.0	174.0
57.5°	114.1	121.2	130.9	148.4	164.4	178.9	203.7	233.9	260.8	284.4	305.1
55°	142.9	163.4	181.8	223.1	267.3	305.5	341.3	379.6	410.7	435.1	457.6
52.5°	191.9	248.2	305.3	358.9	411.7	459.7	502.8	536.8	563.2	583.1	601.9
50°	307.3	375.1	444.6	508.6	560.4	607.8	652.6	686.3	714.5	738.7	760.2
47.5°	433.1	512.4	578.1	637.1	693.0	745.5	794.6	835.6	870.3	902.3	928.9
45°	558.2	629.2	696.5	759.9	820.6	879.5	932.3	978.9	1024.8	1062.7	1092.7
42.5°	664.0	739.2	810.9	883.3	951.2	1017.3	1081.1	1137.8	1186.5	1227.9	1261.3
40°	765.6	846.7	931.7	1012.2	1092.9	1168.2	1238.9	1303.6	1359.1	1408.2	1449.7
37.5°	869.0	963.6	1057.1	1148.7	1237.7	1319.7	1400.8	1475.4	1540.4	1597.8	1646.0
35°	978.0	1082.3	1184.1	1287.4	1384.5	1479.4	1569.0	1651.1	1723.2	1790.8	1848.9
32.5°	1087.3	1200.3	1314.9	1426.7	1534.2	1640.5	1738.8	1831.4	1916.5	1991.4	2053.5
30°	1193.7	1318.2	1440.7	1562.5	1685.3	1801.1	1910.0	2011.6	2104.0	2185.6	2256.1
27.5°	1295.8	1429.6	1561.0	1700.4	1833.8	1959.7	2078.0	2187.3	2290.5	2383.2	2463.2
25°	1390.3	1532.4	1685.6	1831.7	1974.5	2114.1	2243.8	2362.5	2480.5	2582.5	2669.4
22.5°	1479.6	1638.2	1799.5	1952.7	2110.2	2263.8	2408.9	2546.5	2672.4	2779.3	2872.0
20°	1564.5	1735.1	1901.3	2071.0	2241.6	2407.2	2567.0	2714.0	2847.1	2963.6	3068.1
17.5°	1644.7	1821.2	1997.9	2179.0	2363.2	2537.4	2706.6	2866.6	3011.9	3141.2	3259.0
15°	1714.0	1896.5	2085.6	2278.1	2470.8	2656.0	2835.6	3009.9	3173.4	3314.1	3432.9
12.5°	1772.9	1963.0	2163.1	2365.1	2568.2	2762.3	2952.7	3139.3	3313.0	3464.2	3586.2
10°	1821.8	2021.0	2230.0	2440.4	2648.7	2850.4	3048.4	3241.4	3428.0	3584.8	3710.1
7.5°	1862.6	2069.4	2283.2	2499.9	2710.1	2919.6	3126.1	3321.1	3504.9	3670.2	3799.0
5°	1893.0	2103.2	2321.6	2543.7	2757.1	2974.1	3186.7	3386.2	3568.2	3718.1	3823.2
2.5°	1915.6	2124.3	2346.5	2570.1	2786.4	3011.2	3228.3	3428.0	3614.3	3756.1	3847.1
0°	1931.1	2136.0	2369.2	2588.5	2808.3	3038.9	3253.5	3455.4	3642.3	3781.0	3875.0
-2.5°	1915.6	2124.3	2346.5	2570.1	2786.4	3011.2	3228.3	3428.0	3614.3	3756.1	3847.1
-5°	1893.0	2103.2	2321.6	2543.7	2757.1	2974.1	3186.7	3386.2	3568.2	3718.1	3823.2
-7.5°	1862.6	2069.4	2283.2	2499.9	2710.1	2919.6	3126.1	3321.1	3504.9	3670.2	3799.0
-10°	1821.8	2021.0	2230.0	2440.4	2648.7	2850.4	3048.4	3241.4	3428.0	3584.8	3710.1
-12.5°	1772.9	1963.0	2163.1	2365.1	2568.2	2762.3	2952.7	3139.3	3313.0	3464.2	3586.2
-15°	1714.0	1896.5	2085.6	2278.1	2470.8	2656.0	2835.6	3009.9	3173.4	3314.1	3432.9
-17.5°	1644.7	1821.2	1997.9	2179.0	2363.2	2537.4	2706.6	2866.6	3011.9	3141.2	3259.0
-20°	1564.5	1735.1	1901.3	2071.0	2241.6	2407.2	2567.0	2714.0	2847.1	2963.6	3068.1



REPORT NUMBER: P558587 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1479.6	1638.2	1799.5	1952.7	2110.2	2263.8	2408.9	2546.5	2672.4	2779.3	2872.0
-25°	1390.3	1532.4	1685.6	1831.7	1974.5	2114.1	2243.8	2362.5	2480.5	2582.5	2669.4
-27.5°	1295.8	1429.6	1561.0	1700.4	1833.8	1959.7	2078.0	2187.3	2290.5	2383.2	2463.2
-30°	1193.7	1318.2	1440.7	1562.5	1685.3	1801.1	1910.0	2011.6	2104.0	2185.6	2256.1
-32.5°	1087.3	1200.3	1314.9	1426.7	1534.2	1640.5	1738.8	1831.4	1916.5	1991.4	2053.5
-35°	978.0	1082.3	1184.1	1287.4	1384.5	1479.4	1569.0	1651.1	1723.2	1790.8	1848.9
-37.5°	869.0	963.6	1057.1	1148.7	1237.7	1319.7	1400.8	1475.4	1540.4	1597.8	1646.0
-40°	765.6	846.7	931.7	1012.2	1092.9	1168.2	1238.9	1303.6	1359.1	1408.2	1449.7
-42.5°	664.0	739.2	810.9	883.3	951.2	1017.3	1081.1	1137.8	1186.5	1227.9	1261.3
-45°	558.2	629.2	696.5	759.9	820.6	879.5	932.3	978.9	1024.8	1062.7	1092.7
-47.5°	433.1	512.4	578.1	637.1	693.0	745.5	794.6	835.6	870.3	902.3	928.9
-50°	307.3	375.1	444.6	508.6	560.4	607.8	652.6	686.3	714.5	738.7	760.2
-52.5°	191.9	248.2	305.3	358.9	411.7	459.7	502.8	536.8	563.2	583.1	601.9
-55°	142.9	163.4	181.8	223.1	267.3	305.5	341.3	379.6	410.7	435.1	457.6
-57.5°	114.1	121.2	130.9	148.4	164.4	178.9	203.7	233.9	260.8	284.4	305.1
-60°	96.1	100.3	106.7	113.2	118.9	124.2	136.8	148.1	157.7	166.0	174.0
-62.5°	81.6	86.6	89.2	92.6	97.3	102.5	104.5	107.3	110.8	114.7	118.2
-65°	63.3	67.1	71.1	73.0	73.1	75.6	79.4	81.6	82.2	82.7	83.9
-67.5°	52.4	53.4	55.5	57.4	59.7	61.4	63.2	65.0	66.7	68.0	69.2
-70°	43.6	45.4	47.1	48.6	50.1	51.5	52.7	53.8	54.8	55.0	55.3
-72.5°	35.8	37.6	39.0	40.5	41.9	42.9	43.6	44.3	44.8	41.4	36.6
-75°	29.1	31.0	32.5	33.9	35.1	35.7	36.1	36.5	36.8	32.7	27.2
-77.5°	23.4	24.8	25.6	26.5	27.5	27.7	27.7	27.8	27.9	24.8	20.8
-80°	15.1	16.5	17.5	18.2	18.8	18.2	17.4	16.3	15.2	13.5	11.6
-82.5°	8.0	8.6	9.2	9.8	10.5	10.4	10.1	9.7	9.2	8.1	7.0
-85°	3.1	3.1	3.0	2.8	2.6	2.7	2.8	2.9	2.9	2.7	2.5
-87.5°	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-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: P558587 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
85°	2.3	2.1	2.1	2.1	2.1	2.1	2.3	2.5	2.7	2.9	2.9
82.5°	5.8	4.6	4.8	5.1	4.8	4.6	5.8	7.0	8.1	9.2	9.7
80°	9.7	7.7	7.9	8.2	7.9	7.7	9.7	11.6	13.5	15.2	16.3
77.5°	16.5	11.9	11.5	11.3	11.5	11.9	16.5	20.8	24.8	27.9	27.8
75°	21.5	15.7	15.4	15.4	15.4	15.7	21.5	27.2	32.7	36.8	36.5
72.5°	31.8	26.9	23.5	20.0	23.5	26.9	31.8	36.6	41.4	44.8	44.3
70°	55.9	56.6	56.3	55.5	56.3	56.6	55.9	55.3	55.0	54.8	53.8
67.5°	70.1	70.9	71.0	70.9	71.0	70.9	70.1	69.2	68.0	66.7	65.0
65°	84.8	85.3	85.7	85.8	85.7	85.3	84.8	83.9	82.7	82.2	81.6
62.5°	120.9	122.6	124.5	125.8	124.5	122.6	120.9	118.2	114.7	110.8	107.3
60°	180.9	186.7	189.3	189.5	189.3	186.7	180.9	174.0	166.0	157.7	148.1
57.5°	321.7	334.1	345.1	353.3	345.1	334.1	321.7	305.1	284.4	260.8	233.9
55°	475.6	488.7	496.2	498.2	496.2	488.7	475.6	457.6	435.1	410.7	379.6
52.5°	616.2	625.0	633.3	640.4	633.3	625.0	616.2	601.9	583.1	563.2	536.8
50°	776.4	786.1	794.3	800.7	794.3	786.1	776.4	760.2	738.7	714.5	686.3
47.5°	947.6	959.5	968.4	974.3	968.4	959.5	947.6	928.9	902.3	870.3	835.6
45°	1118.4	1138.9	1151.3	1153.5	1151.3	1138.9	1118.4	1092.7	1062.7	1024.8	978.9
42.5°	1290.1	1309.7	1322.9	1332.7	1322.9	1309.7	1290.1	1261.3	1227.9	1186.5	1137.8
40°	1484.3	1508.9	1520.2	1513.0	1520.2	1508.9	1484.3	1449.7	1408.2	1359.1	1303.6
37.5°	1683.2	1708.5	1721.6	1721.0	1721.6	1708.5	1683.2	1646.0	1597.8	1540.4	1475.4
35°	1894.1	1925.5	1942.5	1938.3	1942.5	1925.5	1894.1	1848.9	1790.8	1723.2	1651.1
32.5°	2103.0	2141.0	2165.6	2169.4	2165.6	2141.0	2103.0	2053.5	1991.4	1916.5	1831.4
30°	2312.6	2353.7	2378.1	2380.5	2378.1	2353.7	2312.6	2256.1	2185.6	2104.0	2011.6
27.5°	2530.4	2576.3	2601.9	2608.0	2601.9	2576.3	2530.4	2463.2	2383.2	2290.5	2187.3
25°	2743.5	2794.4	2823.7	2835.0	2823.7	2794.4	2743.5	2669.4	2582.5	2480.5	2362.5
22.5°	2948.9	3004.8	3043.0	3052.7	3043.0	3004.8	2948.9	2872.0	2779.3	2672.4	2546.5
20°	3155.0	3221.0	3269.8	3274.6	3269.8	3221.0	3155.0	3068.1	2963.6	2847.1	2714.0
17.5°	3353.4	3424.8	3477.1	3489.8	3477.1	3424.8	3353.4	3259.0	3141.2	3011.9	2866.6
15°	3531.0	3605.9	3656.4	3667.5	3656.4	3605.9	3531.0	3432.9	3314.1	3173.4	3009.9
12.5°	3684.3	3753.3	3800.4	3818.5	3800.4	3753.3	3684.3	3586.2	3464.2	3313.0	3139.3
10°	3807.8	3861.1	3903.2	3922.2	3903.2	3861.1	3807.8	3710.1	3584.8	3428.0	3241.4
7.5°	3876.7	3920.6	3949.7	3960.2	3949.7	3920.6	3876.7	3799.0	3670.2	3504.9	3321.1
5°	3903.9	3946.0	3961.8	3971.0	3961.8	3946.0	3903.9	3823.2	3718.1	3568.2	3386.2
2.5°	3907.6	3941.4	3973.8	3995.2	3973.8	3941.4	3907.6	3847.1	3756.1	3614.3	3428.0
0°	3929.4	3962.3	3980.3	3990.5	3980.3	3962.3	3929.4	3875.0	3781.0	3642.3	3455.4
-2.5°	3907.6	3941.4	3973.8	3995.2	3973.8	3941.4	3907.6	3847.1	3756.1	3614.3	3428.0
-5°	3903.9	3946.0	3961.8	3971.0	3961.8	3946.0	3903.9	3823.2	3718.1	3568.2	3386.2
-7.5°	3876.7	3920.6	3949.7	3960.2	3949.7	3920.6	3876.7	3799.0	3670.2	3504.9	3321.1
-10°	3807.8	3861.1	3903.2	3922.2	3903.2	3861.1	3807.8	3710.1	3584.8	3428.0	3241.4
-12.5°	3684.3	3753.3	3800.4	3818.5	3800.4	3753.3	3684.3	3586.2	3464.2	3313.0	3139.3
-15°	3531.0	3605.9	3656.4	3667.5	3656.4	3605.9	3531.0	3432.9	3314.1	3173.4	3009.9
-17.5°	3353.4	3424.8	3477.1	3489.8	3477.1	3424.8	3353.4	3259.0	3141.2	3011.9	2866.6
-20°	3155.0	3221.0	3269.8	3274.6	3269.8	3221.0	3155.0	3068.1	2963.6	2847.1	2714.0



REPORT NUMBER: P558587 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2948.9	3004.8	3043.0	3052.7	3043.0	3004.8	2948.9	2872.0	2779.3	2672.4	2546.5
-25°	2743.5	2794.4	2823.7	2835.0	2823.7	2794.4	2743.5	2669.4	2582.5	2480.5	2362.5
-27.5°	2530.4	2576.3	2601.9	2608.0	2601.9	2576.3	2530.4	2463.2	2383.2	2290.5	2187.3
-30°	2312.6	2353.7	2378.1	2380.5	2378.1	2353.7	2312.6	2256.1	2185.6	2104.0	2011.6
-32.5°	2103.0	2141.0	2165.6	2169.4	2165.6	2141.0	2103.0	2053.5	1991.4	1916.5	1831.4
-35°	1894.1	1925.5	1942.5	1938.3	1942.5	1925.5	1894.1	1848.9	1790.8	1723.2	1651.1
-37.5°	1683.2	1708.5	1721.6	1721.0	1721.6	1708.5	1683.2	1646.0	1597.8	1540.4	1475.4
-40°	1484.3	1508.9	1520.2	1513.0	1520.2	1508.9	1484.3	1449.7	1408.2	1359.1	1303.6
-42.5°	1290.1	1309.7	1322.9	1332.7	1322.9	1309.7	1290.1	1261.3	1227.9	1186.5	1137.8
-45°	1118.4	1138.9	1151.3	1153.5	1151.3	1138.9	1118.4	1092.7	1062.7	1024.8	978.9
-47.5°	947.6	959.5	968.4	974.3	968.4	959.5	947.6	928.9	902.3	870.3	835.6
-50°	776.4	786.1	794.3	800.7	794.3	786.1	776.4	760.2	738.7	714.5	686.3
-52.5°	616.2	625.0	633.3	640.4	633.3	625.0	616.2	601.9	583.1	563.2	536.8
-55°	475.6	488.7	496.2	498.2	496.2	488.7	475.6	457.6	435.1	410.7	379.6
-57.5°	321.7	334.1	345.1	353.3	345.1	334.1	321.7	305.1	284.4	260.8	233.9
-60°	180.9	186.7	189.3	189.5	189.3	186.7	180.9	174.0	166.0	157.7	148.1
-62.5°	120.9	122.6	124.5	125.8	124.5	122.6	120.9	118.2	114.7	110.8	107.3
-65°	84.8	85.3	85.7	85.8	85.7	85.3	84.8	83.9	82.7	82.2	81.6
-67.5°	70.1	70.9	71.0	70.9	71.0	70.9	70.1	69.2	68.0	66.7	65.0
-70°	55.9	56.6	56.3	55.5	56.3	56.6	55.9	55.3	55.0	54.8	53.8
-72.5°	31.8	26.9	23.5	20.0	23.5	26.9	31.8	36.6	41.4	44.8	44.3
-75°	21.5	15.7	15.4	15.4	15.4	15.7	21.5	27.2	32.7	36.8	36.5
-77.5°	16.5	11.9	11.5	11.3	11.5	11.9	16.5	20.8	24.8	27.9	27.8
-80°	9.7	7.7	7.9	8.2	7.9	7.7	9.7	11.6	13.5	15.2	16.3
-82.5°	5.8	4.6	4.8	5.1	4.8	4.6	5.8	7.0	8.1	9.2	9.7
-85°	2.3	2.1	2.1	2.1	2.1	2.1	2.3	2.5	2.7	2.9	2.9
-87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-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: P558587 (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°	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.6	0.6	0.7
85°	2.8	2.7	2.6	2.8	3.0	3.1	3.1	2.7	2.4	2.1	1.9
82.5°	10.1	10.4	10.5	9.8	9.2	8.6	8.0	6.7	5.5	4.5	3.6
80°	17.4	18.2	18.8	18.2	17.5	16.5	15.1	12.3	10.0	8.0	6.7
77.5°	27.7	27.7	27.5	26.5	25.6	24.8	23.4	19.3	15.3	11.8	10.0
75°	36.1	35.7	35.1	33.9	32.5	31.0	29.1	26.3	22.7	18.5	15.5
72.5°	43.6	42.9	41.9	40.5	39.0	37.6	35.8	33.4	30.7	27.6	25.1
70°	52.7	51.5	50.1	48.6	47.1	45.4	43.6	41.3	38.4	35.4	33.6
67.5°	63.2	61.4	59.7	57.4	55.5	53.4	52.4	50.4	47.8	44.6	42.5
65°	79.4	75.6	73.1	73.0	71.1	67.1	63.3	61.4	59.2	55.7	51.9
62.5°	104.5	102.5	97.3	92.6	89.2	86.6	81.6	76.2	72.1	68.4	63.6
60°	136.8	124.2	118.9	113.2	106.7	100.3	96.1	90.9	84.8	79.9	74.9
57.5°	203.7	178.9	164.4	148.4	130.9	121.2	114.1	106.1	99.2	92.4	86.1
55°	341.3	305.5	267.3	223.1	181.8	163.4	142.9	126.8	116.9	105.5	97.9
52.5°	502.8	459.7	411.7	358.9	305.3	248.2	191.9	168.0	140.6	123.7	111.1
50°	652.6	607.8	560.4	508.6	444.6	375.1	307.3	239.6	184.4	152.8	127.6
47.5°	794.6	745.5	693.0	637.1	578.1	512.4	433.1	349.8	271.4	192.8	158.5
45°	932.3	879.5	820.6	759.9	696.5	629.2	558.2	472.7	378.6	288.1	194.7
42.5°	1081.1	1017.3	951.2	883.3	810.9	739.2	664.0	583.9	493.5	389.6	288.5
40°	1238.9	1168.2	1092.9	1012.2	931.7	846.7	765.6	681.3	593.3	495.2	381.3
37.5°	1400.8	1319.7	1237.7	1148.7	1057.1	963.6	869.0	776.1	682.2	586.3	475.9
35°	1569.0	1479.4	1384.5	1287.4	1184.1	1082.3	978.0	872.6	769.8	667.4	562.0
32.5°	1738.8	1640.5	1534.2	1426.7	1314.9	1200.3	1087.3	972.8	855.4	746.3	635.8
30°	1910.0	1801.1	1685.3	1562.5	1440.7	1318.2	1193.7	1068.1	942.4	821.2	706.7
27.5°	2078.0	1959.7	1833.8	1700.4	1561.0	1429.6	1295.8	1159.7	1024.4	895.3	772.4
25°	2243.8	2114.1	1974.5	1831.7	1685.6	1532.4	1390.3	1247.2	1104.8	964.5	831.8
22.5°	2408.9	2263.8	2110.2	1952.7	1799.5	1638.2	1479.6	1327.6	1179.0	1030.4	889.9
20°	2567.0	2407.2	2241.6	2071.0	1901.3	1735.1	1564.5	1402.9	1245.9	1092.0	943.9
17.5°	2706.6	2537.4	2363.2	2179.0	1997.9	1821.2	1644.7	1471.9	1306.5	1145.6	992.7
15°	2835.6	2656.0	2470.8	2278.1	2085.6	1896.5	1714.0	1532.6	1360.8	1193.2	1036.1
12.5°	2952.7	2762.3	2568.2	2365.1	2163.1	1963.0	1772.9	1587.3	1408.3	1235.6	1072.7
10°	3048.4	2850.4	2648.7	2440.4	2230.0	2021.0	1821.8	1631.4	1446.6	1269.4	1103.2
7.5°	3126.1	2919.6	2710.1	2499.9	2283.2	2069.4	1862.6	1664.7	1476.4	1294.1	1127.2
5°	3186.7	2974.1	2757.1	2543.7	2321.6	2103.2	1893.0	1687.2	1497.4	1309.9	1144.5
2.5°	3228.3	3011.2	2786.4	2570.1	2346.5	2124.3	1915.6	1704.5	1512.3	1326.7	1159.6
0°	3253.5	3038.9	2808.3	2588.5	2369.2	2136.0	1931.1	1716.4	1518.7	1337.4	1167.4
-2.5°	3228.3	3011.2	2786.4	2570.1	2346.5	2124.3	1915.6	1704.5	1512.3	1326.7	1159.6
-5°	3186.7	2974.1	2757.1	2543.7	2321.6	2103.2	1893.0	1687.2	1497.4	1309.9	1144.5
-7.5°	3126.1	2919.6	2710.1	2499.9	2283.2	2069.4	1862.6	1664.7	1476.4	1294.1	1127.2
-10°	3048.4	2850.4	2648.7	2440.4	2230.0	2021.0	1821.8	1631.4	1446.6	1269.4	1103.2
-12.5°	2952.7	2762.3	2568.2	2365.1	2163.1	1963.0	1772.9	1587.3	1408.3	1235.6	1072.7
-15°	2835.6	2656.0	2470.8	2278.1	2085.6	1896.5	1714.0	1532.6	1360.8	1193.2	1036.1
-17.5°	2706.6	2537.4	2363.2	2179.0	1997.9	1821.2	1644.7	1471.9	1306.5	1145.6	992.7
-20°	2567.0	2407.2	2241.6	2071.0	1901.3	1735.1	1564.5	1402.9	1245.9	1092.0	943.9



REPORT NUMBER: P558587 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2408.9	2263.8	2110.2	1952.7	1799.5	1638.2	1479.6	1327.6	1179.0	1030.4	889.9
-25°	2243.8	2114.1	1974.5	1831.7	1685.6	1532.4	1390.3	1247.2	1104.8	964.5	831.8
-27.5°	2078.0	1959.7	1833.8	1700.4	1561.0	1429.6	1295.8	1159.7	1024.4	895.3	772.4
-30°	1910.0	1801.1	1685.3	1562.5	1440.7	1318.2	1193.7	1068.1	942.4	821.2	706.7
-32.5°	1738.8	1640.5	1534.2	1426.7	1314.9	1200.3	1087.3	972.8	855.4	746.3	635.8
-35°	1569.0	1479.4	1384.5	1287.4	1184.1	1082.3	978.0	872.6	769.8	667.4	562.0
-37.5°	1400.8	1319.7	1237.7	1148.7	1057.1	963.6	869.0	776.1	682.2	586.3	475.9
-40°	1238.9	1168.2	1092.9	1012.2	931.7	846.7	765.6	681.3	593.3	495.2	381.3
-42.5°	1081.1	1017.3	951.2	883.3	810.9	739.2	664.0	583.9	493.5	389.6	288.5
-45°	932.3	879.5	820.6	759.9	696.5	629.2	558.2	472.7	378.6	288.1	194.7
-47.5°	794.6	745.5	693.0	637.1	578.1	512.4	433.1	349.8	271.4	192.8	158.5
-50°	652.6	607.8	560.4	508.6	444.6	375.1	307.3	239.6	184.4	152.8	127.6
-52.5°	502.8	459.7	411.7	358.9	305.3	248.2	191.9	168.0	140.6	123.7	111.1
-55°	341.3	305.5	267.3	223.1	181.8	163.4	142.9	126.8	116.9	105.5	97.9
-57.5°	203.7	178.9	164.4	148.4	130.9	121.2	114.1	106.1	99.2	92.4	86.1
-60°	136.8	124.2	118.9	113.2	106.7	100.3	96.1	90.9	84.8	79.9	74.9
-62.5°	104.5	102.5	97.3	92.6	89.2	86.6	81.6	76.2	72.1	68.4	63.6
-65°	79.4	75.6	73.1	73.0	71.1	67.1	63.3	61.4	59.2	55.7	51.9
-67.5°	63.2	61.4	59.7	57.4	55.5	53.4	52.4	50.4	47.8	44.6	42.5
-70°	52.7	51.5	50.1	48.6	47.1	45.4	43.6	41.3	38.4	35.4	33.6
-72.5°	43.6	42.9	41.9	40.5	39.0	37.6	35.8	33.4	30.7	27.6	25.1
-75°	36.1	35.7	35.1	33.9	32.5	31.0	29.1	26.3	22.7	18.5	15.5
-77.5°	27.7	27.7	27.5	26.5	25.6	24.8	23.4	19.3	15.3	11.8	10.0
-80°	17.4	18.2	18.8	18.2	17.5	16.5	15.1	12.3	10.0	8.0	6.7
-82.5°	10.1	10.4	10.5	9.8	9.2	8.6	8.0	6.7	5.5	4.5	3.6
-85°	2.8	2.7	2.6	2.8	3.0	3.1	3.1	2.7	2.4	2.1	1.9
-87.5°	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.6	0.6	0.7
-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: P558587 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5
85°	1.9	1.8	1.7	1.5	1.4	1.3	1.3	1.3	1.1	1.0	0.9
82.5°	3.6	3.7	3.7	3.6	3.6	3.5	3.2	2.9	2.2	1.6	1.3
80°	7.6	8.0	8.0	7.5	6.5	5.7	5.5	5.0	4.2	3.3	2.4
77.5°	11.5	12.6	13.3	13.0	11.6	10.2	8.9	7.5	6.0	4.9	3.9
75°	15.7	17.2	18.3	18.3	16.8	14.7	13.0	11.1	8.9	6.7	5.3
72.5°	23.8	23.3	23.5	23.6	22.3	20.3	17.7	14.7	12.1	9.6	6.9
70°	32.0	29.9	28.4	28.2	27.5	26.1	23.5	19.5	15.3	12.4	9.4
67.5°	40.6	38.4	35.7	33.3	32.4	31.2	29.2	24.6	19.6	15.2	11.9
65°	49.3	46.8	44.3	40.7	38.1	36.3	34.3	29.3	23.7	18.6	14.3
62.5°	58.9	54.8	51.5	47.7	44.1	41.4	39.2	33.9	27.7	21.9	16.9
60°	69.5	64.2	58.8	54.3	50.0	46.2	43.1	38.4	32.1	25.1	19.5
57.5°	80.2	73.7	67.0	61.0	56.0	51.2	46.7	42.2	36.4	28.9	21.8
55°	91.0	83.8	75.2	67.9	61.9	56.5	50.7	45.7	40.4	32.8	23.6
52.5°	101.3	93.2	84.1	75.0	67.6	61.6	55.1	49.1	43.6	36.8	26.3
50°	114.0	102.2	92.6	82.8	73.3	66.2	59.2	52.8	46.8	40.4	28.7
47.5°	128.7	113.7	101.1	90.4	80.1	70.7	63.4	56.2	49.9	43.2	30.9
45°	158.0	126.9	111.0	98.2	86.5	76.2	67.5	59.5	52.8	44.4	32.7
42.5°	191.4	151.3	122.6	106.0	93.5	81.7	71.4	63.0	55.5	45.2	33.7
40°	272.0	181.9	138.3	116.3	100.5	86.8	76.0	66.5	57.7	45.7	34.1
37.5°	354.8	238.6	165.9	126.4	107.9	93.1	80.3	69.9	58.7	46.2	34.3
35°	438.7	312.9	192.9	144.5	116.9	99.1	84.2	73.3	60.8	46.7	34.1
32.5°	518.4	384.5	254.8	168.4	125.4	105.0	88.8	76.6	63.5	47.2	33.6
30°	586.8	454.1	316.2	191.3	137.4	112.2	93.9	79.8	66.8	47.7	33.2
27.5°	648.9	519.1	373.9	235.7	157.1	119.2	98.7	82.8	70.5	48.8	33.3
25°	706.1	574.5	429.6	284.3	175.7	125.9	103.0	85.7	73.5	51.4	33.3
22.5°	756.7	623.8	480.6	328.5	192.4	132.3	107.7	89.3	75.8	54.0	33.2
20°	802.1	668.7	526.9	369.4	219.8	146.2	112.7	92.5	77.8	56.8	33.0
17.5°	842.9	707.7	565.8	408.2	252.6	158.4	117.3	95.3	79.7	59.6	32.7
15°	882.7	740.8	598.9	442.6	281.6	169.0	121.5	97.7	81.3	62.2	32.6
12.5°	916.1	769.1	626.8	472.2	306.4	177.9	125.1	99.7	82.7	64.6	32.3
10°	943.0	792.5	649.5	497.1	327.1	185.2	128.2	101.2	83.7	66.6	31.7
7.5°	963.2	810.8	667.0	516.9	343.5	191.2	130.2	102.0	84.6	68.2	30.7
5°	977.8	824.6	679.7	531.5	355.3	196.2	131.4	102.5	85.3	69.3	29.4
2.5°	989.9	834.3	687.7	540.9	362.6	199.5	132.1	102.5	85.7	69.8	27.9
0°	995.8	838.7	690.8	544.9	365.2	201.3	132.0	102.2	85.8	69.8	26.2
-2.5°	989.9	834.3	687.7	540.9	362.6	199.5	132.1	102.5	85.7	69.8	27.9
-5°	977.8	824.6	679.7	531.5	355.3	196.2	131.4	102.5	85.3	69.3	29.4
-7.5°	963.2	810.8	667.0	516.9	343.5	191.2	130.2	102.0	84.6	68.2	30.7
-10°	943.0	792.5	649.5	497.1	327.1	185.2	128.2	101.2	83.7	66.6	31.7
-12.5°	916.1	769.1	626.8	472.2	306.4	177.9	125.1	99.7	82.7	64.6	32.3
-15°	882.7	740.8	598.9	442.6	281.6	169.0	121.5	97.7	81.3	62.2	32.6
-17.5°	842.9	707.7	565.8	408.2	252.6	158.4	117.3	95.3	79.7	59.6	32.7
-20°	802.1	668.7	526.9	369.4	219.8	146.2	112.7	92.5	77.8	56.8	33.0



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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°	756.7	623.8	480.6	328.5	192.4	132.3	107.7	89.3	75.8	54.0	33.2
-25°	706.1	574.5	429.6	284.3	175.7	125.9	103.0	85.7	73.5	51.4	33.3
-27.5°	648.9	519.1	373.9	235.7	157.1	119.2	98.7	82.8	70.5	48.8	33.3
-30°	586.8	454.1	316.2	191.3	137.4	112.2	93.9	79.8	66.8	47.7	33.2
-32.5°	518.4	384.5	254.8	168.4	125.4	105.0	88.8	76.6	63.5	47.2	33.6
-35°	438.7	312.9	192.9	144.5	116.9	99.1	84.2	73.3	60.8	46.7	34.1
-37.5°	354.8	238.6	165.9	126.4	107.9	93.1	80.3	69.9	58.7	46.2	34.3
-40°	272.0	181.9	138.3	116.3	100.5	86.8	76.0	66.5	57.7	45.7	34.1
-42.5°	191.4	151.3	122.6	106.0	93.5	81.7	71.4	63.0	55.5	45.2	33.7
-45°	158.0	126.9	111.0	98.2	86.5	76.2	67.5	59.5	52.8	44.4	32.7
-47.5°	128.7	113.7	101.1	90.4	80.1	70.7	63.4	56.2	49.9	43.2	30.9
-50°	114.0	102.2	92.6	82.8	73.3	66.2	59.2	52.8	46.8	40.4	28.7
-52.5°	101.3	93.2	84.1	75.0	67.6	61.6	55.1	49.1	43.6	36.8	26.3
-55°	91.0	83.8	75.2	67.9	61.9	56.5	50.7	45.7	40.4	32.8	23.6
-57.5°	80.2	73.7	67.0	61.0	56.0	51.2	46.7	42.2	36.4	28.9	21.8
-60°	69.5	64.2	58.8	54.3	50.0	46.2	43.1	38.4	32.1	25.1	19.5
-62.5°	58.9	54.8	51.5	47.7	44.1	41.4	39.2	33.9	27.7	21.9	16.9
-65°	49.3	46.8	44.3	40.7	38.1	36.3	34.3	29.3	23.7	18.6	14.3
-67.5°	40.6	38.4	35.7	33.3	32.4	31.2	29.2	24.6	19.6	15.2	11.9
-70°	32.0	29.9	28.4	28.2	27.5	26.1	23.5	19.5	15.3	12.4	9.4
-72.5°	23.8	23.3	23.5	23.6	22.3	20.3	17.7	14.7	12.1	9.6	6.9
-75°	15.7	17.2	18.3	18.3	16.8	14.7	13.0	11.1	8.9	6.7	5.3
-77.5°	11.5	12.6	13.3	13.0	11.6	10.2	8.9	7.5	6.0	4.9	3.9
-80°	7.6	8.0	8.0	7.5	6.5	5.7	5.5	5.0	4.2	3.3	2.4
-82.5°	3.6	3.7	3.7	3.6	3.6	3.5	3.2	2.9	2.2	1.6	1.3
-85°	1.9	1.8	1.7	1.5	1.4	1.3	1.3	1.3	1.1	1.0	0.9
-87.5°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5
-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°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
85°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
80°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
77.5°	2.8	1.8	1.3	1.0	0.6	0.3	0.0
75°	4.0	2.6	1.6	1.2	0.8	0.4	0.0
72.5°	5.1	3.4	2.1	1.3	0.9	0.5	0.0
70°	6.2	4.2	2.7	1.6	1.0	0.5	0.0
67.5°	8.1	4.9	3.2	1.9	1.1	0.6	0.0
65°	9.9	5.9	3.7	2.2	1.3	0.6	0.0
62.5°	11.5	7.1	4.1	2.5	1.4	0.7	0.0
60°	13.0	8.1	4.5	2.7	1.5	0.7	0.0
57.5°	14.5	9.1	5.2	3.0	1.7	0.8	0.0
55°	15.9	9.9	5.7	3.2	1.8	0.9	0.0
52.5°	17.1	10.7	6.3	3.4	2.0	0.9	0.0
50°	18.0	11.4	6.7	3.6	2.1	1.0	0.0
47.5°	18.9	12.0	7.1	3.8	2.2	1.0	0.0
45°	20.4	12.4	7.3	4.0	2.4	1.1	0.0
42.5°	21.7	12.7	7.5	4.2	2.5	1.1	0.0
40°	22.7	12.8	7.7	4.4	2.6	1.1	0.0
37.5°	23.5	12.8	7.7	4.6	2.7	1.2	0.0
35°	24.0	13.1	7.7	4.8	2.8	1.2	0.0
32.5°	24.1	13.4	7.6	5.0	2.9	1.3	0.0
30°	23.6	13.6	7.4	5.2	3.0	1.3	0.0
27.5°	23.0	13.6	7.6	5.3	3.1	1.3	0.0
25°	22.2	13.4	7.8	5.5	3.2	1.4	0.0
22.5°	21.2	13.4	8.0	5.6	3.3	1.4	0.0
20°	20.0	14.1	8.2	5.7	3.3	1.4	0.0
17.5°	19.8	14.6	8.4	5.8	3.4	1.4	0.0
15°	20.2	15.1	8.6	5.9	3.5	1.4	0.0
12.5°	20.6	15.5	8.7	6.0	3.5	1.5	0.0
10°	20.9	15.8	8.9	6.1	3.5	1.5	0.0
7.5°	21.1	16.1	9.0	6.1	3.6	1.5	0.0
5°	21.3	16.3	9.1	6.2	3.6	1.5	0.0
2.5°	21.5	16.4	9.1	6.2	3.6	1.5	0.0
0°	21.6	16.4	9.2	6.2	3.6	1.5	0.0
-2.5°	21.5	16.4	9.1	6.2	3.6	1.5	0.0
-5°	21.3	16.3	9.1	6.2	3.6	1.5	0.0
-7.5°	21.1	16.1	9.0	6.1	3.6	1.5	0.0
-10°	20.9	15.8	8.9	6.1	3.5	1.5	0.0
-12.5°	20.6	15.5	8.7	6.0	3.5	1.5	0.0
-15°	20.2	15.1	8.6	5.9	3.5	1.4	0.0
-17.5°	19.8	14.6	8.4	5.8	3.4	1.4	0.0
-20°	20.0	14.1	8.2	5.7	3.3	1.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	21.2	13.4	8.0	5.6	3.3	1.4	0.0
-25°	22.2	13.4	7.8	5.5	3.2	1.4	0.0
-27.5°	23.0	13.6	7.6	5.3	3.1	1.3	0.0
-30°	23.6	13.6	7.4	5.2	3.0	1.3	0.0
-32.5°	24.1	13.4	7.6	5.0	2.9	1.3	0.0
-35°	24.0	13.1	7.7	4.8	2.8	1.2	0.0
-37.5°	23.5	12.8	7.7	4.6	2.7	1.2	0.0
-40°	22.7	12.8	7.7	4.4	2.6	1.1	0.0
-42.5°	21.7	12.7	7.5	4.2	2.5	1.1	0.0
-45°	20.4	12.4	7.3	4.0	2.4	1.1	0.0
-47.5°	18.9	12.0	7.1	3.8	2.2	1.0	0.0
-50°	18.0	11.4	6.7	3.6	2.1	1.0	0.0
-52.5°	17.1	10.7	6.3	3.4	2.0	0.9	0.0
-55°	15.9	9.9	5.7	3.2	1.8	0.9	0.0
-57.5°	14.5	9.1	5.2	3.0	1.7	0.8	0.0
-60°	13.0	8.1	4.5	2.7	1.5	0.7	0.0
-62.5°	11.5	7.1	4.1	2.5	1.4	0.7	0.0
-65°	9.9	5.9	3.7	2.2	1.3	0.6	0.0
-67.5°	8.1	4.9	3.2	1.9	1.1	0.6	0.0
-70°	6.2	4.2	2.7	1.6	1.0	0.5	0.0
-72.5°	5.1	3.4	2.1	1.3	0.9	0.5	0.0
-75°	4.0	2.6	1.6	1.2	0.8	0.4	0.0
-77.5°	2.8	1.8	1.3	1.0	0.6	0.3	0.0
-80°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
-82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-85°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-87.5°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)