

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: P558595 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-927-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558595 (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-SA1E-927-U-WR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (16) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

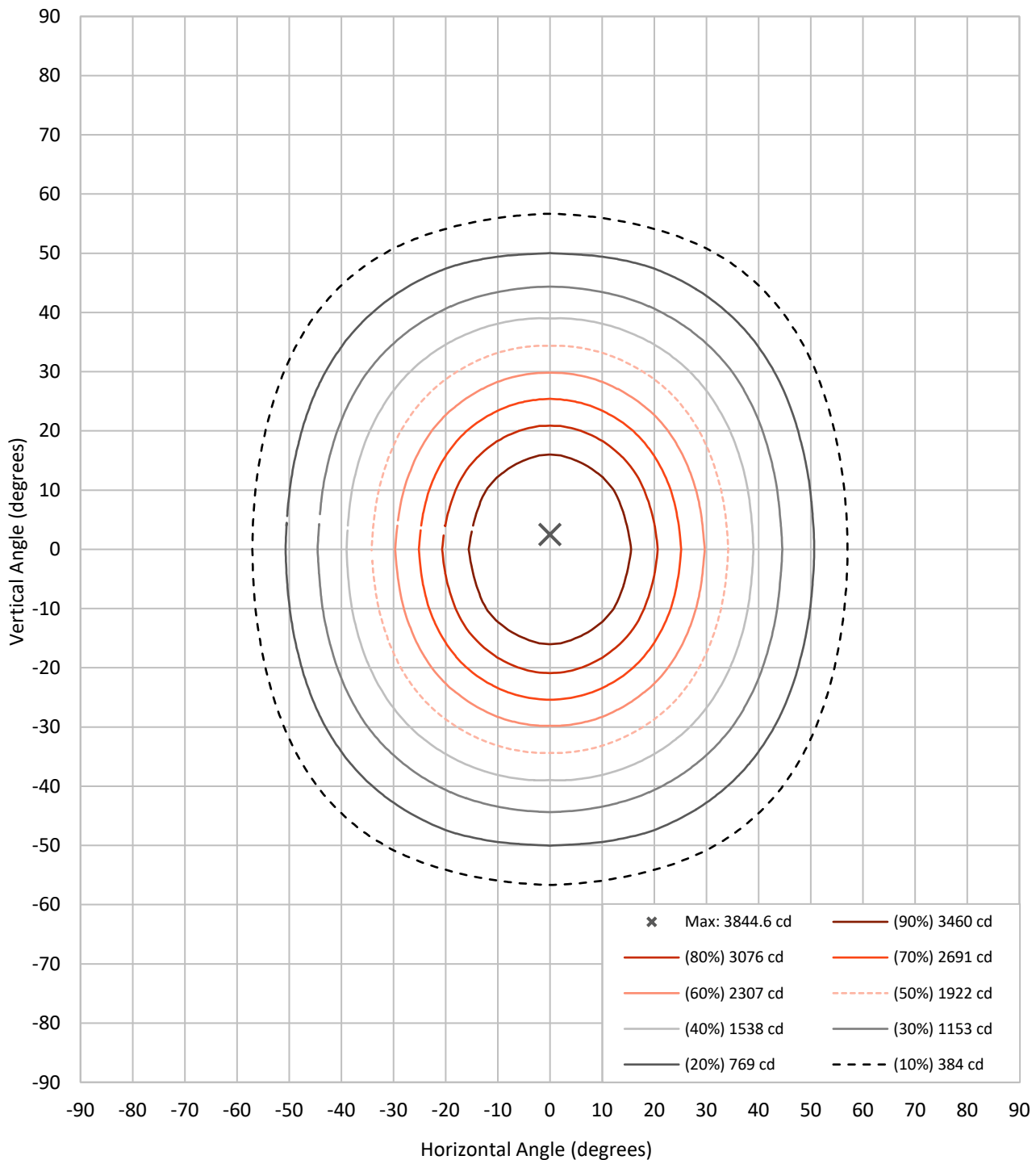
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	5203.3 lumens	Max Intensity:	3844.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	81.3 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	3119.7 lumens	Field Lumens:	4970.5 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 64
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: P558595 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





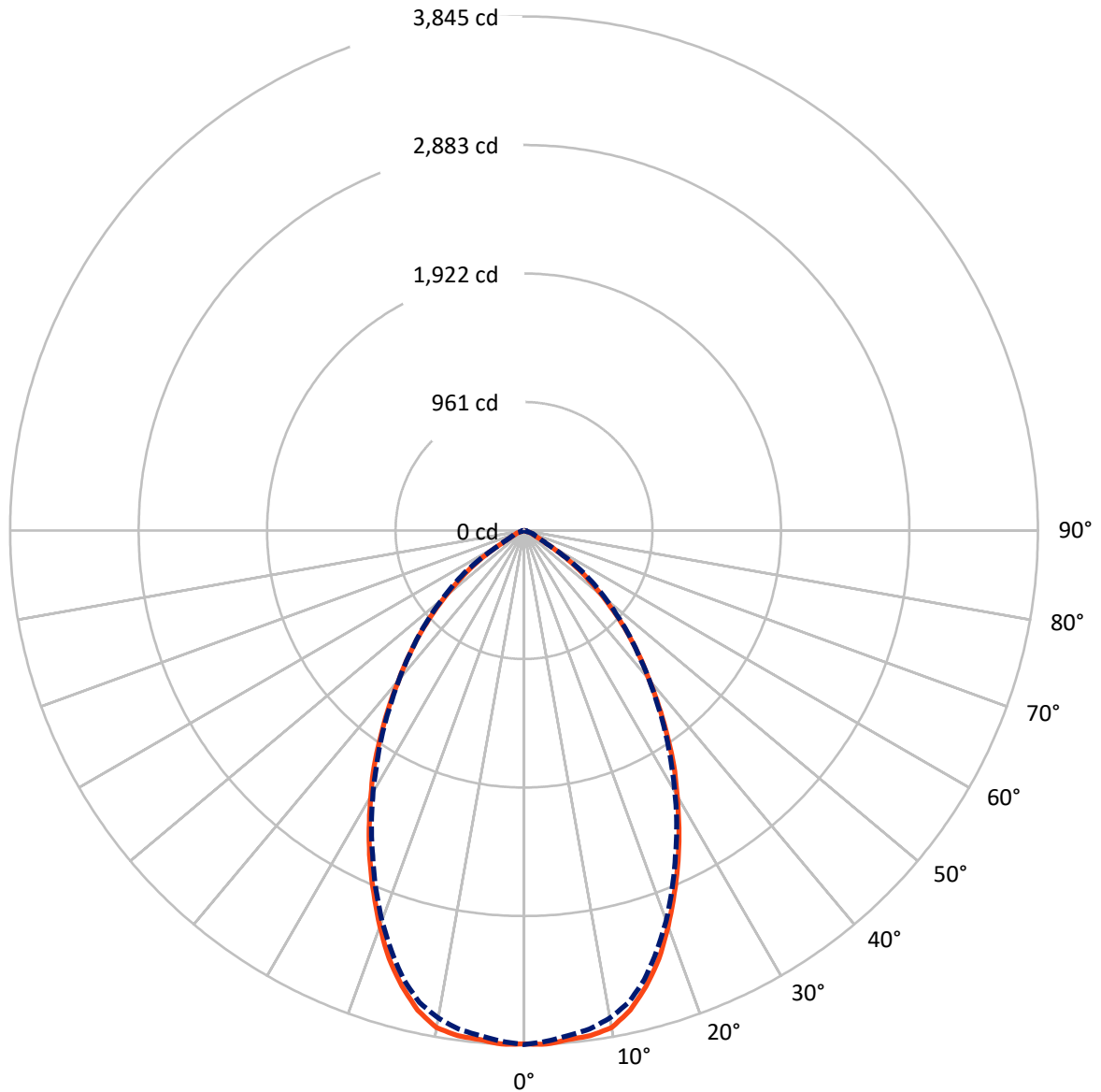
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Lumen Table

90																
80	0.0	0.5		1.3		2.2		1.5		2.2		1.3		0.5		0.0
70																
60	0.2	0.4	0.7	1.1	1.6	2.1	2.6	2.9	2.9	2.6	2.1	1.6	1.1	0.7	0.4	0.2
50		0.6	1.2	2.1	4.0	7.8	11.7	14.0	14.0	11.7	7.8	4.0	2.1	1.2	0.6	
40	0.4	0.8	1.7	5.0	13.1	21.8	29.0	33.1	33.1	29.0	21.8	13.1	5.0	1.7	0.8	0.4
30		0.9	2.9	11.5	23.5	36.8	48.7	55.9	55.9	48.7	36.8	23.5	11.5	2.9	0.9	
20	0.4	1.1	5.3	17.4	33.4	52.3	69.9	81.0	81.0	69.9	52.3	33.4	17.4	5.3	1.1	0.4
10		1.3	7.6	21.6	41.2	65.3	89.0	103.9	103.9	89.0	65.3	41.2	21.6	7.6	1.3	
0	0.5	1.4	8.9	23.9	45.5	73.0	99.9	114.3	114.3	99.9	73.0	45.5	23.9	8.9	1.4	0.5
-10		1.4	8.9	23.9	45.5	73.0	99.9	114.3	114.3	99.9	73.0	45.5	23.9	8.9	1.4	
-20	0.4	1.3	7.6	21.6	41.2	65.3	89.0	103.9	103.9	89.0	65.3	41.2	21.6	7.6	1.3	0.4
-30		1.1	5.3	17.4	33.4	52.3	69.9	81.0	81.0	69.9	52.3	33.4	17.4	5.3	1.1	
-40	0.4	0.9	2.9	11.5	23.5	36.8	48.7	55.9	55.9	48.7	36.8	23.5	11.5	2.9	0.9	0.4
-50		0.8	1.7	5.0	13.1	21.8	29.0	33.1	33.1	29.0	21.8	13.1	5.0	1.7	0.8	
-60	0.2	0.6	1.2	2.1	4.0	7.8	11.7	14.0	14.0	11.7	7.8	4.0	2.1	1.2	0.6	0.2
-70		0.4	0.7	1.1	1.6	2.1	2.6	2.9	2.9	2.6	2.1	1.6	1.1	0.7	0.4	
-80																
-90	0.0	0.5		1.3		2.2		1.5		2.2		1.3		0.5		0.0
Horizontal Angle (degrees)																

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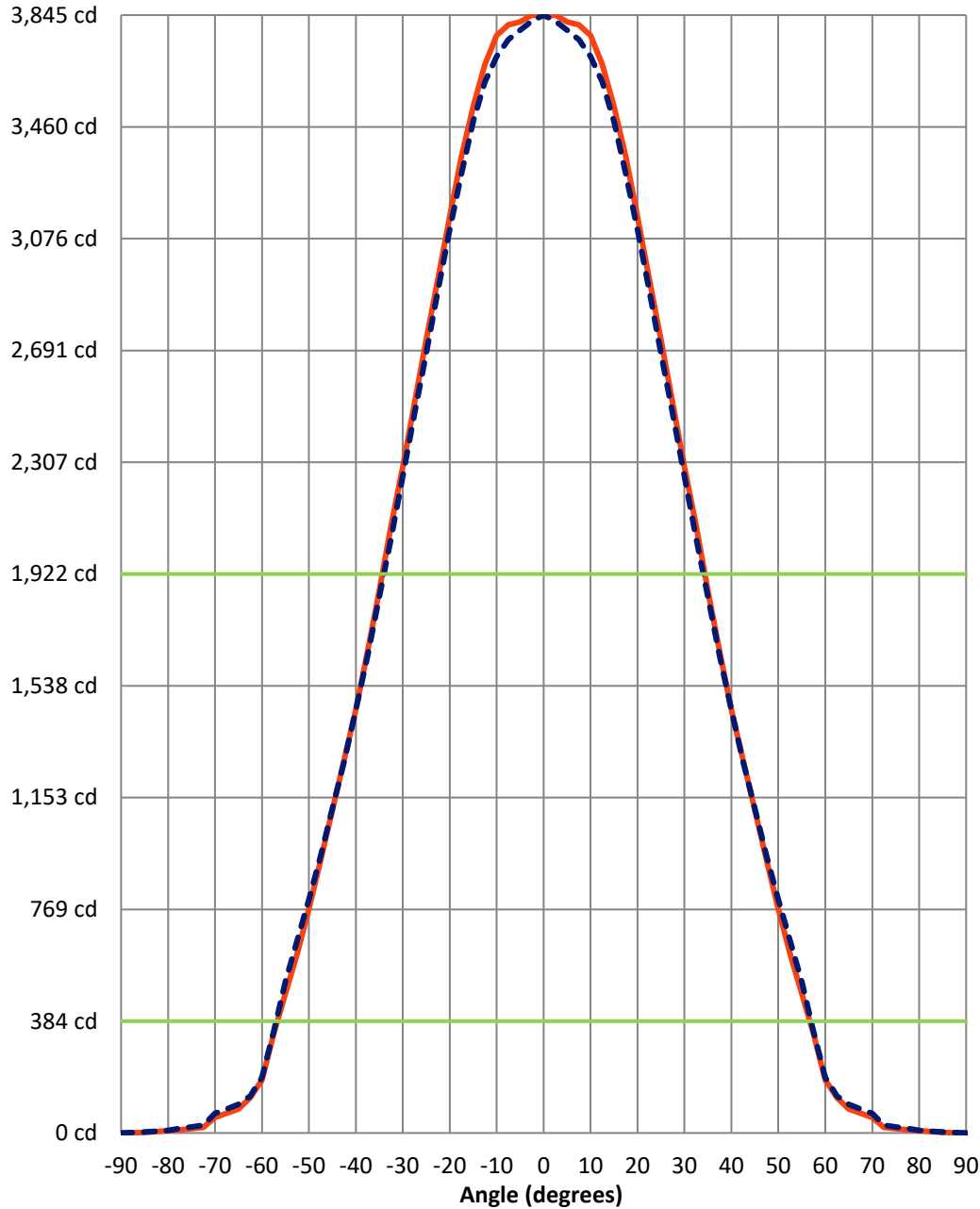
Luminous Intensity Polar Plot



— 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: 3119.7
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 4970.5
Efficiency: 95.5%

Spill:
Lumens: 232.8
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	2.8
80°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	2.4	3.2	4.0	4.8
77.5°	0.0	0.3	0.6	1.0	1.3	1.8	2.7	3.7	4.7	5.8	7.2
75°	0.0	0.4	0.8	1.2	1.6	2.6	3.8	5.0	6.4	8.5	10.7
72.5°	0.0	0.5	0.9	1.3	2.1	3.3	4.8	6.6	9.1	11.6	14.1
70°	0.0	0.5	1.0	1.6	2.6	4.0	5.9	9.0	11.9	14.7	18.8
67.5°	0.0	0.6	1.1	1.9	3.1	4.7	7.8	11.4	14.6	18.8	23.6
65°	0.0	0.6	1.3	2.1	3.5	5.6	9.5	13.7	17.9	22.8	28.2
62.5°	0.0	0.7	1.4	2.4	4.0	6.8	11.0	16.2	21.1	26.7	32.6
60°	0.0	0.7	1.5	2.7	4.4	7.8	12.5	18.7	24.1	30.8	36.9
57.5°	0.0	0.8	1.6	2.9	5.0	8.7	13.9	20.9	27.7	35.0	40.6
55°	0.0	0.9	1.8	3.1	5.5	9.5	15.2	22.7	31.6	38.9	44.0
52.5°	0.0	0.9	1.9	3.3	6.0	10.2	16.4	25.2	35.4	42.0	47.3
50°	0.0	1.0	2.1	3.5	6.4	10.9	17.3	27.7	38.9	45.0	50.8
47.5°	0.0	1.0	2.2	3.7	6.7	11.5	18.2	29.8	41.6	48.1	54.1
45°	0.0	1.1	2.3	3.9	7.0	11.9	19.7	31.5	42.8	50.8	57.2
42.5°	0.0	1.1	2.4	4.0	7.2	12.2	20.9	32.5	43.6	53.3	60.6
40°	0.0	1.1	2.6	4.2	7.3	12.3	21.9	32.9	44.0	55.5	64.0
37.5°	0.0	1.2	2.7	4.4	7.4	12.3	22.6	33.0	44.5	56.4	67.3
35°	0.0	1.2	2.8	4.6	7.4	12.6	23.1	32.8	45.0	58.5	70.5
32.5°	0.0	1.3	2.9	4.8	7.3	12.9	23.2	32.4	45.4	61.1	73.7
30°	0.0	1.3	3.0	4.9	7.1	13.1	22.8	31.9	45.8	64.3	76.8
27.5°	0.0	1.3	3.0	5.1	7.3	13.1	22.1	32.0	47.0	67.9	79.6
25°	0.0	1.4	3.1	5.2	7.5	13.0	21.3	32.0	49.4	70.7	82.3
22.5°	0.0	1.4	3.2	5.3	7.7	12.9	20.4	32.0	52.0	72.9	85.8
20°	0.0	1.4	3.3	5.5	7.9	13.6	19.3	31.8	54.6	74.9	88.9
17.5°	0.0	1.4	3.3	5.6	8.1	14.1	19.1	31.5	57.3	76.6	91.6
15°	0.0	1.4	3.4	5.7	8.3	14.5	19.4	31.3	59.9	78.2	93.9
12.5°	0.0	1.5	3.4	5.7	8.4	14.9	19.8	31.1	62.2	79.5	95.8
10°	0.0	1.5	3.4	5.8	8.6	15.3	20.1	30.5	64.1	80.5	97.3
7.5°	0.0	1.5	3.5	5.8	8.7	15.5	20.3	29.5	65.6	81.4	98.2
5°	0.0	1.5	3.5	5.9	8.8	15.7	20.6	28.3	66.7	82.0	98.6
2.5°	0.0	1.5	3.5	5.9	8.8	15.8	20.7	26.8	67.2	82.4	98.7
0°	0.0	1.5	3.5	5.9	8.9	15.8	20.8	25.2	67.2	82.5	98.4
-2.5°	0.0	1.5	3.5	5.9	8.8	15.8	20.7	26.8	67.2	82.4	98.7
-5°	0.0	1.5	3.5	5.9	8.8	15.7	20.6	28.3	66.7	82.0	98.6
-7.5°	0.0	1.5	3.5	5.8	8.7	15.5	20.3	29.5	65.6	81.4	98.2
-10°	0.0	1.5	3.4	5.8	8.6	15.3	20.1	30.5	64.1	80.5	97.3
-12.5°	0.0	1.5	3.4	5.7	8.4	14.9	19.8	31.1	62.2	79.5	95.8
-15°	0.0	1.4	3.4	5.7	8.3	14.5	19.4	31.3	59.9	78.2	93.9
-17.5°	0.0	1.4	3.3	5.6	8.1	14.1	19.1	31.5	57.3	76.6	91.6
-20°	0.0	1.4	3.3	5.5	7.9	13.6	19.3	31.8	54.6	74.9	88.9



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 CATALOG NUMBER: GFLD-SA1E-927-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	3.2	5.3	7.7	12.9	20.4	32.0	52.0	72.9	85.8
-25°	0.0	1.4	3.1	5.2	7.5	13.0	21.3	32.0	49.4	70.7	82.3
-27.5°	0.0	1.3	3.0	5.1	7.3	13.1	22.1	32.0	47.0	67.9	79.6
-30°	0.0	1.3	3.0	4.9	7.1	13.1	22.8	31.9	45.8	64.3	76.8
-32.5°	0.0	1.3	2.9	4.8	7.3	12.9	23.2	32.4	45.4	61.1	73.7
-35°	0.0	1.2	2.8	4.6	7.4	12.6	23.1	32.8	45.0	58.5	70.5
-37.5°	0.0	1.2	2.7	4.4	7.4	12.3	22.6	33.0	44.5	56.4	67.3
-40°	0.0	1.1	2.6	4.2	7.3	12.3	21.9	32.9	44.0	55.5	64.0
-42.5°	0.0	1.1	2.4	4.0	7.2	12.2	20.9	32.5	43.6	53.3	60.6
-45°	0.0	1.1	2.3	3.9	7.0	11.9	19.7	31.5	42.8	50.8	57.2
-47.5°	0.0	1.0	2.2	3.7	6.7	11.5	18.2	29.8	41.6	48.1	54.1
-50°	0.0	1.0	2.1	3.5	6.4	10.9	17.3	27.7	38.9	45.0	50.8
-52.5°	0.0	0.9	1.9	3.3	6.0	10.2	16.4	25.2	35.4	42.0	47.3
-55°	0.0	0.9	1.8	3.1	5.5	9.5	15.2	22.7	31.6	38.9	44.0
-57.5°	0.0	0.8	1.6	2.9	5.0	8.7	13.9	20.9	27.7	35.0	40.6
-60°	0.0	0.7	1.5	2.7	4.4	7.8	12.5	18.7	24.1	30.8	36.9
-62.5°	0.0	0.7	1.4	2.4	4.0	6.8	11.0	16.2	21.1	26.7	32.6
-65°	0.0	0.6	1.3	2.1	3.5	5.6	9.5	13.7	17.9	22.8	28.2
-67.5°	0.0	0.6	1.1	1.9	3.1	4.7	7.8	11.4	14.6	18.8	23.6
-70°	0.0	0.5	1.0	1.6	2.6	4.0	5.9	9.0	11.9	14.7	18.8
-72.5°	0.0	0.5	0.9	1.3	2.1	3.3	4.8	6.6	9.1	11.6	14.1
-75°	0.0	0.4	0.8	1.2	1.6	2.6	3.8	5.0	6.4	8.5	10.7
-77.5°	0.0	0.3	0.6	1.0	1.3	1.8	2.7	3.7	4.7	5.8	7.2
-80°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	2.4	3.2	4.0	4.8
-82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.3	1.6	2.2	2.8
-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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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	1.8	1.8	2.0	2.3	2.6
82.5°	3.1	3.3	3.5	3.5	3.5	3.5	3.5	3.5	4.3	5.3	6.5
80°	5.2	5.4	6.3	7.2	7.6	7.6	7.2	6.5	7.7	9.6	11.9
77.5°	8.5	9.8	11.1	12.5	12.7	12.1	11.1	9.6	11.3	14.7	18.6
75°	12.4	14.2	16.1	17.6	17.6	16.5	15.2	14.9	17.8	21.9	25.3
72.5°	17.0	19.5	21.4	22.7	22.6	22.4	22.9	24.2	26.5	29.6	32.2
70°	22.6	25.1	26.5	27.1	27.4	28.8	30.8	32.3	34.0	37.0	39.8
67.5°	28.1	30.0	31.2	32.1	34.4	37.0	39.0	40.9	43.0	46.0	48.5
65°	32.9	34.9	36.6	39.2	42.6	45.1	47.5	50.0	53.6	57.0	59.0
62.5°	37.7	39.8	42.5	45.9	49.6	52.8	56.7	61.2	65.9	69.4	73.4
60°	41.4	44.4	48.1	52.3	56.6	61.8	66.9	72.1	76.9	81.6	87.5
57.5°	45.0	49.3	53.9	58.8	64.5	71.0	77.2	82.8	88.9	95.4	102.0
55°	48.8	54.4	59.6	65.4	72.4	80.6	87.5	94.2	101.5	112.4	122.0
52.5°	53.0	59.2	65.1	72.2	80.9	89.7	97.5	106.9	119.0	135.3	161.8
50°	57.0	63.7	70.5	79.7	89.1	98.3	109.7	122.8	147.1	177.5	230.6
47.5°	61.0	68.1	77.1	87.0	97.3	109.4	123.9	152.5	185.6	261.2	336.6
45°	64.9	73.3	83.3	94.5	106.8	122.1	152.0	187.4	277.3	364.3	454.9
42.5°	68.8	78.6	90.0	102.0	118.0	145.6	184.3	277.7	374.9	474.8	561.9
40°	73.1	83.5	96.7	111.9	133.1	175.0	261.8	366.9	476.5	570.9	655.6
37.5°	77.2	89.5	103.9	121.5	159.6	229.7	341.4	458.0	564.2	656.4	746.9
35°	81.0	95.3	112.4	139.0	185.6	301.0	422.2	540.8	642.2	740.8	839.7
32.5°	85.4	101.0	120.7	162.1	245.2	370.0	498.9	611.8	718.1	823.2	936.2
30°	90.3	108.0	132.1	184.1	304.3	437.0	564.7	680.0	790.2	906.9	1027.9
27.5°	94.9	114.7	151.2	226.8	359.8	499.5	624.5	743.2	861.5	985.7	1116.0
25°	99.1	121.1	169.0	273.6	413.5	552.9	679.5	800.4	928.1	1063.1	1200.2
22.5°	103.6	127.3	185.1	316.2	462.5	600.3	728.1	856.3	991.5	1134.6	1277.6
20°	108.4	140.7	211.5	355.5	507.1	643.5	771.8	908.3	1050.8	1199.0	1350.0
17.5°	112.9	152.4	243.1	392.9	544.5	681.0	811.1	955.3	1102.4	1257.3	1416.4
15°	116.9	162.6	271.0	425.9	576.3	712.9	849.4	997.1	1148.2	1309.5	1474.8
12.5°	120.4	171.3	294.9	454.5	603.2	740.1	881.6	1032.3	1189.0	1355.2	1527.4
10°	123.4	178.3	314.8	478.3	625.0	762.6	907.4	1061.6	1221.5	1392.0	1569.9
7.5°	125.3	184.1	330.6	497.4	641.8	780.2	926.9	1084.7	1245.3	1420.7	1602.0
5°	126.5	188.8	341.9	511.5	654.1	793.5	941.0	1101.3	1260.6	1440.9	1623.6
2.5°	127.1	192.0	348.9	520.5	661.8	802.8	952.6	1115.9	1276.7	1455.2	1640.3
0°	127.0	193.7	351.4	524.4	664.7	807.1	958.3	1123.4	1287.0	1461.4	1651.7
-2.5°	127.1	192.0	348.9	520.5	661.8	802.8	952.6	1115.9	1276.7	1455.2	1640.3
-5°	126.5	188.8	341.9	511.5	654.1	793.5	941.0	1101.3	1260.6	1440.9	1623.6
-7.5°	125.3	184.1	330.6	497.4	641.8	780.2	926.9	1084.7	1245.3	1420.7	1602.0
-10°	123.4	178.3	314.8	478.3	625.0	762.6	907.4	1061.6	1221.5	1392.0	1569.9
-12.5°	120.4	171.3	294.9	454.5	603.2	740.1	881.6	1032.3	1189.0	1355.2	1527.4
-15°	116.9	162.6	271.0	425.9	576.3	712.9	849.4	997.1	1148.2	1309.5	1474.8
-17.5°	112.9	152.4	243.1	392.9	544.5	681.0	811.1	955.3	1102.4	1257.3	1416.4
-20°	108.4	140.7	211.5	355.5	507.1	643.5	771.8	908.3	1050.8	1199.0	1350.0



REPORT NUMBER: P558595 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-927-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°	103.6	127.3	185.1	316.2	462.5	600.3	728.1	856.3	991.5	1134.6	1277.6
-25°	99.1	121.1	169.0	273.6	413.5	552.9	679.5	800.4	928.1	1063.1	1200.2
-27.5°	94.9	114.7	151.2	226.8	359.8	499.5	624.5	743.2	861.5	985.7	1116.0
-30°	90.3	108.0	132.1	184.1	304.3	437.0	564.7	680.0	790.2	906.9	1027.9
-32.5°	85.4	101.0	120.7	162.1	245.2	370.0	498.9	611.8	718.1	823.2	936.2
-35°	81.0	95.3	112.4	139.0	185.6	301.0	422.2	540.8	642.2	740.8	839.7
-37.5°	77.2	89.5	103.9	121.5	159.6	229.7	341.4	458.0	564.2	656.4	746.9
-40°	73.1	83.5	96.7	111.9	133.1	175.0	261.8	366.9	476.5	570.9	655.6
-42.5°	68.8	78.6	90.0	102.0	118.0	145.6	184.3	277.7	374.9	474.8	561.9
-45°	64.9	73.3	83.3	94.5	106.8	122.1	152.0	187.4	277.3	364.3	454.9
-47.5°	61.0	68.1	77.1	87.0	97.3	109.4	123.9	152.5	185.6	261.2	336.6
-50°	57.0	63.7	70.5	79.7	89.1	98.3	109.7	122.8	147.1	177.5	230.6
-52.5°	53.0	59.2	65.1	72.2	80.9	89.7	97.5	106.9	119.0	135.3	161.8
-55°	48.8	54.4	59.6	65.4	72.4	80.6	87.5	94.2	101.5	112.4	122.0
-57.5°	45.0	49.3	53.9	58.8	64.5	71.0	77.2	82.8	88.9	95.4	102.0
-60°	41.4	44.4	48.1	52.3	56.6	61.8	66.9	72.1	76.9	81.6	87.5
-62.5°	37.7	39.8	42.5	45.9	49.6	52.8	56.7	61.2	65.9	69.4	73.4
-65°	32.9	34.9	36.6	39.2	42.6	45.1	47.5	50.0	53.6	57.0	59.0
-67.5°	28.1	30.0	31.2	32.1	34.4	37.0	39.0	40.9	43.0	46.0	48.5
-70°	22.6	25.1	26.5	27.1	27.4	28.8	30.8	32.3	34.0	37.0	39.8
-72.5°	17.0	19.5	21.4	22.7	22.6	22.4	22.9	24.2	26.5	29.6	32.2
-75°	12.4	14.2	16.1	17.6	17.6	16.5	15.2	14.9	17.8	21.9	25.3
-77.5°	8.5	9.8	11.1	12.5	12.7	12.1	11.1	9.6	11.3	14.7	18.6
-80°	5.2	5.4	6.3	7.2	7.6	7.6	7.2	6.5	7.7	9.6	11.9
-82.5°	3.1	3.3	3.5	3.5	3.5	3.5	3.5	3.5	4.3	5.3	6.5
-85°	1.3	1.3	1.4	1.5	1.7	1.8	1.8	1.8	2.0	2.3	2.6
-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: P558595 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-927-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°	3.0	2.9	2.9	2.7	2.5	2.6	2.7	2.8	2.8	2.6	2.4
82.5°	7.7	8.3	8.9	9.4	10.0	9.9	9.7	9.3	8.8	7.8	6.7
80°	14.5	15.9	16.8	17.5	18.1	17.6	16.7	15.7	14.6	13.0	11.2
77.5°	22.5	23.9	24.6	25.5	26.4	26.6	26.7	26.8	26.9	23.9	20.0
75°	28.0	29.8	31.3	32.6	33.8	34.4	34.8	35.1	35.5	31.5	26.2
72.5°	34.5	36.2	37.6	39.1	40.3	41.3	42.0	42.6	43.1	39.9	35.3
70°	42.0	43.7	45.3	46.8	48.2	49.5	50.7	51.8	52.8	53.0	53.2
67.5°	50.4	51.4	53.4	55.2	57.4	59.0	60.9	62.6	64.1	65.5	66.6
65°	60.9	64.6	68.4	70.3	70.4	72.8	76.5	78.5	79.1	79.6	80.7
62.5°	78.5	83.4	85.9	89.2	93.7	98.7	100.6	103.3	106.6	110.4	113.8
60°	92.5	96.6	102.7	108.9	114.5	119.5	131.7	142.5	151.7	159.7	167.4
57.5°	109.9	116.6	126.0	142.8	158.2	172.1	196.0	225.0	251.0	273.6	293.6
55°	137.5	157.2	175.0	214.7	257.2	294.0	328.5	365.3	395.2	418.6	440.3
52.5°	184.7	238.9	293.8	345.4	396.2	442.5	483.9	516.6	542.0	561.1	579.3
50°	295.7	361.0	427.9	489.5	539.4	584.9	628.1	660.5	687.6	710.9	731.6
47.5°	416.7	493.2	556.4	613.2	666.9	717.5	764.7	804.1	837.5	868.2	893.9
45°	537.2	605.5	670.3	731.3	789.7	846.4	897.2	942.0	986.2	1022.7	1051.5
42.5°	639.0	711.4	780.3	850.0	915.4	979.0	1040.4	1094.9	1141.8	1181.7	1213.8
40°	736.8	814.8	896.6	974.0	1051.7	1124.3	1192.2	1254.5	1307.9	1355.1	1395.1
37.5°	836.2	927.3	1017.2	1105.5	1191.1	1270.0	1348.0	1419.8	1482.4	1537.6	1584.0
35°	941.2	1041.6	1139.4	1238.8	1332.3	1423.6	1509.8	1588.9	1658.2	1723.3	1779.2
32.5°	1046.3	1155.1	1265.3	1372.9	1476.4	1578.7	1673.3	1762.4	1844.3	1916.3	1976.0
30°	1148.7	1268.5	1386.4	1503.6	1621.8	1733.2	1837.9	1935.8	2024.7	2103.1	2171.0
27.5°	1247.0	1375.8	1502.2	1636.3	1764.7	1885.8	1999.7	2104.9	2204.1	2293.4	2370.4
25°	1337.9	1474.7	1622.1	1762.7	1900.1	2034.5	2159.2	2273.5	2386.9	2485.1	2568.7
22.5°	1423.8	1576.4	1731.7	1879.1	2030.7	2178.4	2318.0	2450.5	2571.7	2674.6	2763.8
20°	1505.5	1669.8	1829.7	1992.9	2157.1	2316.5	2470.2	2611.8	2739.8	2851.9	2952.5
17.5°	1582.7	1752.6	1922.6	2096.9	2274.2	2441.8	2604.6	2758.6	2898.4	3022.8	3136.1
15°	1649.4	1825.0	2007.0	2192.3	2377.7	2555.9	2728.7	2896.5	3053.8	3189.1	3303.5
12.5°	1706.1	1889.0	2081.6	2276.0	2471.3	2658.2	2841.4	3020.9	3188.1	3333.6	3451.0
10°	1753.1	1944.8	2145.9	2348.4	2548.8	2742.9	2933.5	3119.2	3298.8	3449.6	3570.2
7.5°	1792.3	1991.4	2197.1	2405.7	2607.9	2809.5	3008.3	3195.9	3372.8	3531.9	3655.8
5°	1821.6	2024.0	2234.1	2447.8	2653.2	2862.0	3066.6	3258.6	3433.7	3577.9	3679.1
2.5°	1843.4	2044.3	2258.0	2473.3	2681.3	2897.6	3106.6	3298.8	3478.1	3614.6	3702.1
0°	1858.3	2055.5	2279.9	2490.9	2702.4	2924.3	3130.9	3325.1	3505.0	3638.5	3728.9
-2.5°	1843.4	2044.3	2258.0	2473.3	2681.3	2897.6	3106.6	3298.8	3478.1	3614.6	3702.1
-5°	1821.6	2024.0	2234.1	2447.8	2653.2	2862.0	3066.6	3258.6	3433.7	3577.9	3679.1
-7.5°	1792.3	1991.4	2197.1	2405.7	2607.9	2809.5	3008.3	3195.9	3372.8	3531.9	3655.8
-10°	1753.1	1944.8	2145.9	2348.4	2548.8	2742.9	2933.5	3119.2	3298.8	3449.6	3570.2
-12.5°	1706.1	1889.0	2081.6	2276.0	2471.3	2658.2	2841.4	3020.9	3188.1	3333.6	3451.0
-15°	1649.4	1825.0	2007.0	2192.3	2377.7	2555.9	2728.7	2896.5	3053.8	3189.1	3303.5
-17.5°	1582.7	1752.6	1922.6	2096.9	2274.2	2441.8	2604.6	2758.6	2898.4	3022.8	3136.1
-20°	1505.5	1669.8	1829.7	1992.9	2157.1	2316.5	2470.2	2611.8	2739.8	2851.9	2952.5



REPORT NUMBER: P558595 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1423.8	1576.4	1731.7	1879.1	2030.7	2178.4	2318.0	2450.5	2571.7	2674.6	2763.8
-25°	1337.9	1474.7	1622.1	1762.7	1900.1	2034.5	2159.2	2273.5	2386.9	2485.1	2568.7
-27.5°	1247.0	1375.8	1502.2	1636.3	1764.7	1885.8	1999.7	2104.9	2204.1	2293.4	2370.4
-30°	1148.7	1268.5	1386.4	1503.6	1621.8	1733.2	1837.9	1935.8	2024.7	2103.1	2171.0
-32.5°	1046.3	1155.1	1265.3	1372.9	1476.4	1578.7	1673.3	1762.4	1844.3	1916.3	1976.0
-35°	941.2	1041.6	1139.4	1238.8	1332.3	1423.6	1509.8	1588.9	1658.2	1723.3	1779.2
-37.5°	836.2	927.3	1017.2	1105.5	1191.1	1270.0	1348.0	1419.8	1482.4	1537.6	1584.0
-40°	736.8	814.8	896.6	974.0	1051.7	1124.3	1192.2	1254.5	1307.9	1355.1	1395.1
-42.5°	639.0	711.4	780.3	850.0	915.4	979.0	1040.4	1094.9	1141.8	1181.7	1213.8
-45°	537.2	605.5	670.3	731.3	789.7	846.4	897.2	942.0	986.2	1022.7	1051.5
-47.5°	416.7	493.2	556.4	613.2	666.9	717.5	764.7	804.1	837.5	868.2	893.9
-50°	295.7	361.0	427.9	489.5	539.4	584.9	628.1	660.5	687.6	710.9	731.6
-52.5°	184.7	238.9	293.8	345.4	396.2	442.5	483.9	516.6	542.0	561.1	579.3
-55°	137.5	157.2	175.0	214.7	257.2	294.0	328.5	365.3	395.2	418.6	440.3
-57.5°	109.9	116.6	126.0	142.8	158.2	172.1	196.0	225.0	251.0	273.6	293.6
-60°	92.5	96.6	102.7	108.9	114.5	119.5	131.7	142.5	151.7	159.7	167.4
-62.5°	78.5	83.4	85.9	89.2	93.7	98.7	100.6	103.3	106.6	110.4	113.8
-65°	60.9	64.6	68.4	70.3	70.4	72.8	76.5	78.5	79.1	79.6	80.7
-67.5°	50.4	51.4	53.4	55.2	57.4	59.0	60.9	62.6	64.1	65.5	66.6
-70°	42.0	43.7	45.3	46.8	48.2	49.5	50.7	51.8	52.8	53.0	53.2
-72.5°	34.5	36.2	37.6	39.1	40.3	41.3	42.0	42.6	43.1	43.9	45.3
-75°	28.0	29.8	31.3	32.6	33.8	34.4	34.8	35.1	35.5	31.5	26.2
-77.5°	22.5	23.9	24.6	25.5	26.4	26.6	26.7	26.8	26.9	23.9	20.0
-80°	14.5	15.9	16.8	17.5	18.1	17.6	16.7	15.7	14.6	13.0	11.2
-82.5°	7.7	8.3	8.9	9.4	10.0	9.9	9.7	9.3	8.8	7.8	6.7
-85°	3.0	2.9	2.9	2.7	2.5	2.6	2.7	2.8	2.8	2.6	2.4
-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: P558595 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-927-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°	2.2	2.0	2.0	2.0	2.0	2.0	2.2	2.4	2.6	2.8	2.8
82.5°	5.6	4.4	4.6	4.9	4.6	4.4	5.6	6.7	7.8	8.8	9.3
80°	9.3	7.4	7.6	7.9	7.6	7.4	9.3	11.2	13.0	14.6	15.7
77.5°	15.9	11.5	11.1	10.9	11.1	11.5	15.9	20.0	23.9	26.9	26.8
75°	20.7	15.1	14.8	14.8	14.8	15.1	20.7	26.2	31.5	35.5	35.1
72.5°	30.6	25.9	22.6	19.3	22.6	25.9	30.6	35.3	39.9	43.1	42.6
70°	53.8	54.5	54.2	53.4	54.2	54.5	53.8	53.2	53.0	52.8	51.8
67.5°	67.5	68.2	68.3	68.2	68.3	68.2	67.5	66.6	65.5	64.1	62.6
65°	81.5	82.0	82.4	82.5	82.4	82.0	81.5	80.7	79.6	79.1	78.5
62.5°	116.3	118.0	119.8	121.1	119.8	118.0	116.3	113.8	110.4	106.6	103.3
60°	174.1	179.7	182.2	182.4	182.2	179.7	174.1	167.4	159.7	151.7	142.5
57.5°	309.5	321.4	332.0	340.0	332.0	321.4	309.5	293.6	273.6	251.0	225.0
55°	457.6	470.3	477.5	479.4	477.5	470.3	457.6	440.3	418.6	395.2	365.3
52.5°	593.0	601.4	609.4	616.3	609.4	601.4	593.0	579.3	561.1	542.0	516.6
50°	747.1	756.5	764.5	770.5	764.5	756.5	747.1	731.6	710.9	687.6	660.5
47.5°	911.9	923.4	931.8	937.5	931.8	923.4	911.9	893.9	868.2	837.5	804.1
45°	1076.2	1096.0	1107.9	1110.0	1107.9	1096.0	1076.2	1051.5	1022.7	986.2	942.0
42.5°	1241.5	1260.4	1273.1	1282.5	1273.1	1260.4	1241.5	1213.8	1181.7	1141.8	1094.9
40°	1428.4	1452.1	1462.9	1456.0	1462.9	1452.1	1428.4	1395.1	1355.1	1307.9	1254.5
37.5°	1619.8	1644.2	1656.8	1656.1	1656.8	1644.2	1619.8	1584.0	1537.6	1482.4	1419.8
35°	1822.7	1853.0	1869.4	1865.2	1869.4	1853.0	1822.7	1779.2	1723.3	1658.2	1588.9
32.5°	2023.8	2060.3	2084.0	2087.6	2084.0	2060.3	2023.8	1976.0	1916.3	1844.3	1762.4
30°	2225.5	2265.0	2288.5	2290.7	2288.5	2265.0	2225.5	2171.0	2103.1	2024.7	1935.8
27.5°	2435.0	2479.2	2503.8	2509.7	2503.8	2479.2	2435.0	2370.4	2293.4	2204.1	2104.9
25°	2640.1	2689.1	2717.3	2728.1	2717.3	2689.1	2640.1	2568.7	2485.1	2386.9	2273.5
22.5°	2837.8	2891.5	2928.3	2937.7	2928.3	2891.5	2837.8	2763.8	2674.6	2571.7	2450.5
20°	3036.0	3099.5	3146.5	3151.2	3146.5	3099.5	3036.0	2952.5	2851.9	2739.8	2611.8
17.5°	3227.0	3295.7	3346.0	3358.3	3346.0	3295.7	3227.0	3136.1	3022.8	2898.4	2758.6
15°	3397.9	3470.0	3518.6	3529.3	3518.6	3470.0	3397.9	3303.5	3189.1	3053.8	2896.5
12.5°	3545.4	3611.9	3657.2	3674.6	3657.2	3611.9	3545.4	3451.0	3333.6	3188.1	3020.9
10°	3664.2	3715.6	3756.1	3774.4	3756.1	3715.6	3664.2	3570.2	3449.6	3298.8	3119.2
7.5°	3730.5	3772.8	3800.9	3811.0	3800.9	3772.8	3730.5	3655.8	3531.9	3372.8	3195.9
5°	3756.8	3797.3	3812.5	3821.3	3812.5	3797.3	3756.8	3679.1	3577.9	3433.7	3258.6
2.5°	3760.3	3792.7	3824.0	3844.6	3824.0	3792.7	3760.3	3702.1	3614.6	3478.1	3298.8
0°	3781.3	3812.9	3830.2	3840.1	3830.2	3812.9	3781.3	3728.9	3638.5	3505.0	3325.1
-2.5°	3760.3	3792.7	3824.0	3844.6	3824.0	3792.7	3760.3	3702.1	3614.6	3478.1	3298.8
-5°	3756.8	3797.3	3812.5	3821.3	3812.5	3797.3	3756.8	3679.1	3577.9	3433.7	3258.6
-7.5°	3730.5	3772.8	3800.9	3811.0	3800.9	3772.8	3730.5	3655.8	3531.9	3372.8	3195.9
-10°	3664.2	3715.6	3756.1	3774.4	3756.1	3715.6	3664.2	3570.2	3449.6	3298.8	3119.2
-12.5°	3545.4	3611.9	3657.2	3674.6	3657.2	3611.9	3545.4	3451.0	3333.6	3188.1	3020.9
-15°	3397.9	3470.0	3518.6	3529.3	3518.6	3470.0	3397.9	3303.5	3189.1	3053.8	2896.5
-17.5°	3227.0	3295.7	3346.0	3358.3	3346.0	3295.7	3227.0	3136.1	3022.8	2898.4	2758.6
-20°	3036.0	3099.5	3146.5	3151.2	3146.5	3099.5	3036.0	2952.5	2851.9	2739.8	2611.8



REPORT NUMBER: P558595 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2837.8	2891.5	2928.3	2937.7	2928.3	2891.5	2837.8	2763.8	2674.6	2571.7	2450.5
-25°	2640.1	2689.1	2717.3	2728.1	2717.3	2689.1	2640.1	2568.7	2485.1	2386.9	2273.5
-27.5°	2435.0	2479.2	2503.8	2509.7	2503.8	2479.2	2435.0	2370.4	2293.4	2204.1	2104.9
-30°	2225.5	2265.0	2288.5	2290.7	2288.5	2265.0	2225.5	2171.0	2103.1	2024.7	1935.8
-32.5°	2023.8	2060.3	2084.0	2087.6	2084.0	2060.3	2023.8	1976.0	1916.3	1844.3	1762.4
-35°	1822.7	1853.0	1869.4	1865.2	1869.4	1853.0	1822.7	1779.2	1723.3	1658.2	1588.9
-37.5°	1619.8	1644.2	1656.8	1656.1	1656.8	1644.2	1619.8	1584.0	1537.6	1482.4	1419.8
-40°	1428.4	1452.1	1462.9	1456.0	1462.9	1452.1	1428.4	1395.1	1355.1	1307.9	1254.5
-42.5°	1241.5	1260.4	1273.1	1282.5	1273.1	1260.4	1241.5	1213.8	1181.7	1141.8	1094.9
-45°	1076.2	1096.0	1107.9	1110.0	1107.9	1096.0	1076.2	1051.5	1022.7	986.2	942.0
-47.5°	911.9	923.4	931.8	937.5	931.8	923.4	911.9	893.9	868.2	837.5	804.1
-50°	747.1	756.5	764.5	770.5	764.5	756.5	747.1	731.6	710.9	687.6	660.5
-52.5°	593.0	601.4	609.4	616.3	609.4	601.4	593.0	579.3	561.1	542.0	516.6
-55°	457.6	470.3	477.5	479.4	477.5	470.3	457.6	440.3	418.6	395.2	365.3
-57.5°	309.5	321.4	332.0	340.0	332.0	321.4	309.5	293.6	273.6	251.0	225.0
-60°	174.1	179.7	182.2	182.4	182.2	179.7	174.1	167.4	159.7	151.7	142.5
-62.5°	116.3	118.0	119.8	121.1	119.8	118.0	116.3	113.8	110.4	106.6	103.3
-65°	81.5	82.0	82.4	82.5	82.4	82.0	81.5	80.7	79.6	79.1	78.5
-67.5°	67.5	68.2	68.3	68.2	68.3	68.2	67.5	66.6	65.5	64.1	62.6
-70°	53.8	54.5	54.2	53.4	54.2	54.5	53.8	53.2	53.0	52.8	51.8
-72.5°	30.6	25.9	22.6	19.3	22.6	25.9	30.6	35.3	39.9	43.1	42.6
-75°	20.7	15.1	14.8	14.8	14.8	15.1	20.7	26.2	31.5	35.5	35.1
-77.5°	15.9	11.5	11.1	10.9	11.1	11.5	15.9	20.0	23.9	26.9	26.8
-80°	9.3	7.4	7.6	7.9	7.6	7.4	9.3	11.2	13.0	14.6	15.7
-82.5°	5.6	4.4	4.6	4.9	4.6	4.4	5.6	6.7	7.8	8.8	9.3
-85°	2.2	2.0	2.0	2.0	2.0	2.0	2.2	2.4	2.6	2.8	2.8
-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



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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°	2.7	2.6	2.5	2.7	2.9	2.9	3.0	2.6	2.3	2.0	1.8
82.5°	9.7	9.9	10.0	9.4	8.9	8.3	7.7	6.5	5.3	4.3	3.5
80°	16.7	17.6	18.1	17.5	16.8	15.9	14.5	11.9	9.6	7.7	6.5
77.5°	26.7	26.6	26.4	25.5	24.6	23.9	22.5	18.6	14.7	11.3	9.6
75°	34.8	34.4	33.8	32.6	31.3	29.8	28.0	25.3	21.9	17.8	14.9
72.5°	42.0	41.3	40.3	39.1	37.6	36.2	34.5	32.2	29.6	26.5	24.2
70°	50.7	49.5	48.2	46.8	45.3	43.7	42.0	39.8	37.0	34.0	32.3
67.5°	60.9	59.0	57.4	55.2	53.4	51.4	50.4	48.5	46.0	43.0	40.9
65°	76.5	72.8	70.4	70.3	68.4	64.6	60.9	59.0	57.0	53.6	50.0
62.5°	100.6	98.7	93.7	89.2	85.9	83.4	78.5	73.4	69.4	65.9	61.2
60°	131.7	119.5	114.5	108.9	102.7	96.6	92.5	87.5	81.6	76.9	72.1
57.5°	196.0	172.1	158.2	142.8	126.0	116.6	109.9	102.0	95.4	88.9	82.8
55°	328.5	294.0	257.2	214.7	175.0	157.2	137.5	122.0	112.4	101.5	94.2
52.5°	483.9	442.5	396.2	345.4	293.8	238.9	184.7	161.8	135.3	119.0	106.9
50°	628.1	584.9	539.4	489.5	427.9	361.0	295.7	230.6	177.5	147.1	122.8
47.5°	764.7	717.5	666.9	613.2	556.4	493.2	416.7	336.6	261.2	185.6	152.5
45°	897.2	846.4	789.7	731.3	670.3	605.5	537.2	454.9	364.3	277.3	187.4
42.5°	1040.4	979.0	915.4	850.0	780.3	711.4	639.0	561.9	474.8	374.9	277.7
40°	1192.2	1124.3	1051.7	974.0	896.6	814.8	736.8	655.6	570.9	476.5	366.9
37.5°	1348.0	1270.0	1191.1	1105.5	1017.2	927.3	836.2	746.9	656.4	564.2	458.0
35°	1509.8	1423.6	1332.3	1238.8	1139.4	1041.6	941.2	839.7	740.8	642.2	540.8
32.5°	1673.3	1578.7	1476.4	1372.9	1265.3	1155.1	1046.3	936.2	823.2	718.1	611.8
30°	1837.9	1733.2	1621.8	1503.6	1386.4	1268.5	1148.7	1027.9	906.9	790.2	680.0
27.5°	1999.7	1885.8	1764.7	1636.3	1502.2	1375.8	1247.0	1116.0	985.7	861.5	743.2
25°	2159.2	2034.5	1900.1	1762.7	1622.1	1474.7	1337.9	1200.2	1063.1	928.1	800.4
22.5°	2318.0	2178.4	2030.7	1879.1	1731.7	1576.4	1423.8	1277.6	1134.6	991.5	856.3
20°	2470.2	2316.5	2157.1	1992.9	1829.7	1669.8	1505.5	1350.0	1199.0	1050.8	908.3
17.5°	2604.6	2441.8	2274.2	2096.9	1922.6	1752.6	1582.7	1416.4	1257.3	1102.4	955.3
15°	2728.7	2555.9	2377.7	2192.3	2007.0	1825.0	1649.4	1474.8	1309.5	1148.2	997.1
12.5°	2841.4	2658.2	2471.3	2276.0	2081.6	1889.0	1706.1	1527.4	1355.2	1189.0	1032.3
10°	2933.5	2742.9	2548.8	2348.4	2145.9	1944.8	1753.1	1569.9	1392.0	1221.5	1061.6
7.5°	3008.3	2809.5	2607.9	2405.7	2197.1	1991.4	1792.3	1602.0	1420.7	1245.3	1084.7
5°	3066.6	2862.0	2653.2	2447.8	2234.1	2024.0	1821.6	1623.6	1440.9	1260.6	1101.3
2.5°	3106.6	2897.6	2681.3	2473.3	2258.0	2044.3	1843.4	1640.3	1455.2	1276.7	1115.9
0°	3130.9	2924.3	2702.4	2490.9	2279.9	2055.5	1858.3	1651.7	1461.4	1287.0	1123.4
-2.5°	3106.6	2897.6	2681.3	2473.3	2258.0	2044.3	1843.4	1640.3	1455.2	1276.7	1115.9
-5°	3066.6	2862.0	2653.2	2447.8	2234.1	2024.0	1821.6	1623.6	1440.9	1260.6	1101.3
-7.5°	3008.3	2809.5	2607.9	2405.7	2197.1	1991.4	1792.3	1602.0	1420.7	1245.3	1084.7
-10°	2933.5	2742.9	2548.8	2348.4	2145.9	1944.8	1753.1	1569.9	1392.0	1221.5	1061.6
-12.5°	2841.4	2658.2	2471.3	2276.0	2081.6	1889.0	1706.1	1527.4	1355.2	1189.0	1032.3
-15°	2728.7	2555.9	2377.7	2192.3	2007.0	1825.0	1649.4	1474.8	1309.5	1148.2	997.1
-17.5°	2604.6	2441.8	2274.2	2096.9	1922.6	1752.6	1582.7	1416.4	1257.3	1102.4	955.3
-20°	2470.2	2316.5	2157.1	1992.9	1829.7	1669.8	1505.5	1350.0	1199.0	1050.8	908.3



REPORT NUMBER: P558595 (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°	2318.0	2178.4	2030.7	1879.1	1731.7	1576.4	1423.8	1277.6	1134.6	991.5	856.3
-25°	2159.2	2034.5	1900.1	1762.7	1622.1	1474.7	1337.9	1200.2	1063.1	928.1	800.4
-27.5°	1999.7	1885.8	1764.7	1636.3	1502.2	1375.8	1247.0	1116.0	985.7	861.5	743.2
-30°	1837.9	1733.2	1621.8	1503.6	1386.4	1268.5	1148.7	1027.9	906.9	790.2	680.0
-32.5°	1673.3	1578.7	1476.4	1372.9	1265.3	1155.1	1046.3	936.2	823.2	718.1	611.8
-35°	1509.8	1423.6	1332.3	1238.8	1139.4	1041.6	941.2	839.7	740.8	642.2	540.8
-37.5°	1348.0	1270.0	1191.1	1105.5	1017.2	927.3	836.2	746.9	656.4	564.2	458.0
-40°	1192.2	1124.3	1051.7	974.0	896.6	814.8	736.8	655.6	570.9	476.5	366.9
-42.5°	1040.4	979.0	915.4	850.0	780.3	711.4	639.0	561.9	474.8	374.9	277.7
-45°	897.2	846.4	789.7	731.3	670.3	605.5	537.2	454.9	364.3	277.3	187.4
-47.5°	764.7	717.5	666.9	613.2	556.4	493.2	416.7	336.6	261.2	185.6	152.5
-50°	628.1	584.9	539.4	489.5	427.9	361.0	295.7	230.6	177.5	147.1	122.8
-52.5°	483.9	442.5	396.2	345.4	293.8	238.9	184.7	161.8	135.3	119.0	106.9
-55°	328.5	294.0	257.2	214.7	175.0	157.2	137.5	122.0	112.4	101.5	94.2
-57.5°	196.0	172.1	158.2	142.8	126.0	116.6	109.9	102.0	95.4	88.9	82.8
-60°	131.7	119.5	114.5	108.9	102.7	96.6	92.5	87.5	81.6	76.9	72.1
-62.5°	100.6	98.7	93.7	89.2	85.9	83.4	78.5	73.4	69.4	65.9	61.2
-65°	76.5	72.8	70.4	70.3	68.4	64.6	60.9	59.0	57.0	53.6	50.0
-67.5°	60.9	59.0	57.4	55.2	53.4	51.4	50.4	48.5	46.0	43.0	40.9
-70°	50.7	49.5	48.2	46.8	45.3	43.7	42.0	39.8	37.0	34.0	32.3
-72.5°	42.0	41.3	40.3	39.1	37.6	36.2	34.5	32.2	29.6	26.5	24.2
-75°	34.8	34.4	33.8	32.6	31.3	29.8	28.0	25.3	21.9	17.8	14.9
-77.5°	26.7	26.6	26.4	25.5	24.6	23.9	22.5	18.6	14.7	11.3	9.6
-80°	16.7	17.6	18.1	17.5	16.8	15.9	14.5	11.9	9.6	7.7	6.5
-82.5°	9.7	9.9	10.0	9.4	8.9	8.3	7.7	6.5	5.3	4.3	3.5
-85°	2.7	2.6	2.5	2.7	2.9	2.9	3.0	2.6	2.3	2.0	1.8
-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



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 CATALOG NUMBER: GFLD-SA1E-927-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°	1.8	1.8	1.7	1.5	1.4	1.3	1.3	1.3	1.1	1.0	0.9
82.5°	3.5	3.5	3.5	3.5	3.5	3.3	3.1	2.8	2.2	1.6	1.3
80°	7.2	7.6	7.6	7.2	6.3	5.4	5.2	4.8	4.0	3.2	2.4
77.5°	11.1	12.1	12.7	12.5	11.1	9.8	8.5	7.2	5.8	4.7	3.7
75°	15.2	16.5	17.6	17.6	16.1	14.2	12.4	10.7	8.5	6.4	5.0
72.5°	22.9	22.4	22.6	22.7	21.4	19.5	17.0	14.1	11.6	9.1	6.6
70°	30.8	28.8	27.4	27.1	26.5	25.1	22.6	18.8	14.7	11.9	9.0
67.5°	39.0	37.0	34.4	32.1	31.2	30.0	28.1	23.6	18.8	14.6	11.4
65°	47.5	45.1	42.6	39.2	36.6	34.9	32.9	28.2	22.8	17.9	13.7
62.5°	56.7	52.8	49.6	45.9	42.5	39.8	37.7	32.6	26.7	21.1	16.2
60°	66.9	61.8	56.6	52.3	48.1	44.4	41.4	36.9	30.8	24.1	18.7
57.5°	77.2	71.0	64.5	58.8	53.9	49.3	45.0	40.6	35.0	27.7	20.9
55°	87.5	80.6	72.4	65.4	59.6	54.4	48.8	44.0	38.9	31.6	22.7
52.5°	97.5	89.7	80.9	72.2	65.1	59.2	53.0	47.3	42.0	35.4	25.2
50°	109.7	98.3	89.1	79.7	70.5	63.7	57.0	50.8	45.0	38.9	27.7
47.5°	123.9	109.4	97.3	87.0	77.1	68.1	61.0	54.1	48.1	41.6	29.8
45°	152.0	122.1	106.8	94.5	83.3	73.3	64.9	57.2	50.8	42.8	31.5
42.5°	184.3	145.6	118.0	102.0	90.0	78.6	68.8	60.6	53.3	43.6	32.5
40°	261.8	175.0	133.1	111.9	96.7	83.5	73.1	64.0	55.5	44.0	32.9
37.5°	341.4	229.7	159.6	121.5	103.9	89.5	77.2	67.3	56.4	44.5	33.0
35°	422.2	301.0	185.6	139.0	112.4	95.3	81.0	70.5	58.5	45.0	32.8
32.5°	498.9	370.0	245.2	162.1	120.7	101.0	85.4	73.7	61.1	45.4	32.4
30°	564.7	437.0	304.3	184.1	132.1	108.0	90.3	76.8	64.3	45.8	31.9
27.5°	624.5	499.5	359.8	226.8	151.2	114.7	94.9	79.6	67.9	47.0	32.0
25°	679.5	552.9	413.5	273.6	169.0	121.1	99.1	82.3	70.7	49.4	32.0
22.5°	728.1	600.3	462.5	316.2	185.1	127.3	103.6	85.8	72.9	52.0	32.0
20°	771.8	643.5	507.1	355.5	211.5	140.7	108.4	88.9	74.9	54.6	31.8
17.5°	811.1	681.0	544.5	392.9	243.1	152.4	112.9	91.6	76.6	57.3	31.5
15°	849.4	712.9	576.3	425.9	271.0	162.6	116.9	93.9	78.2	59.9	31.3
12.5°	881.6	740.1	603.2	454.5	294.9	171.3	120.4	95.8	79.5	62.2	31.1
10°	907.4	762.6	625.0	478.3	314.8	178.3	123.4	97.3	80.5	64.1	30.5
7.5°	926.9	780.2	641.8	497.4	330.6	184.1	125.3	98.2	81.4	65.6	29.5
5°	941.0	793.5	654.1	511.5	341.9	188.8	126.5	98.6	82.0	66.7	28.3
2.5°	952.6	802.8	661.8	520.5	348.9	192.0	127.1	98.7	82.4	67.2	26.8
0°	958.3	807.1	664.7	524.4	351.4	193.7	127.0	98.4	82.5	67.2	25.2
-2.5°	952.6	802.8	661.8	520.5	348.9	192.0	127.1	98.7	82.4	67.2	26.8
-5°	941.0	793.5	654.1	511.5	341.9	188.8	126.5	98.6	82.0	66.7	28.3
-7.5°	926.9	780.2	641.8	497.4	330.6	184.1	125.3	98.2	81.4	65.6	29.5
-10°	907.4	762.6	625.0	478.3	314.8	178.3	123.4	97.3	80.5	64.1	30.5
-12.5°	881.6	740.1	603.2	454.5	294.9	171.3	120.4	95.8	79.5	62.2	31.1
-15°	849.4	712.9	576.3	425.9	271.0	162.6	116.9	93.9	78.2	59.9	31.3
-17.5°	811.1	681.0	544.5	392.9	243.1	152.4	112.9	91.6	76.6	57.3	31.5
-20°	771.8	643.5	507.1	355.5	211.5	140.7	108.4	88.9	74.9	54.6	31.8



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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°	728.1	600.3	462.5	316.2	185.1	127.3	103.6	85.8	72.9	52.0	32.0
-25°	679.5	552.9	413.5	273.6	169.0	121.1	99.1	82.3	70.7	49.4	32.0
-27.5°	624.5	499.5	359.8	226.8	151.2	114.7	94.9	79.6	67.9	47.0	32.0
-30°	564.7	437.0	304.3	184.1	132.1	108.0	90.3	76.8	64.3	45.8	31.9
-32.5°	498.9	370.0	245.2	162.1	120.7	101.0	85.4	73.7	61.1	45.4	32.4
-35°	422.2	301.0	185.6	139.0	112.4	95.3	81.0	70.5	58.5	45.0	32.8
-37.5°	341.4	229.7	159.6	121.5	103.9	89.5	77.2	67.3	56.4	44.5	33.0
-40°	261.8	175.0	133.1	111.9	96.7	83.5	73.1	64.0	55.5	44.0	32.9
-42.5°	184.3	145.6	118.0	102.0	90.0	78.6	68.8	60.6	53.3	43.6	32.5
-45°	152.0	122.1	106.8	94.5	83.3	73.3	64.9	57.2	50.8	42.8	31.5
-47.5°	123.9	109.4	97.3	87.0	77.1	68.1	61.0	54.1	48.1	41.6	29.8
-50°	109.7	98.3	89.1	79.7	70.5	63.7	57.0	50.8	45.0	38.9	27.7
-52.5°	97.5	89.7	80.9	72.2	65.1	59.2	53.0	47.3	42.0	35.4	25.2
-55°	87.5	80.6	72.4	65.4	59.6	54.4	48.8	44.0	38.9	31.6	22.7
-57.5°	77.2	71.0	64.5	58.8	53.9	49.3	45.0	40.6	35.0	27.7	20.9
-60°	66.9	61.8	56.6	52.3	48.1	44.4	41.4	36.9	30.8	24.1	18.7
-62.5°	56.7	52.8	49.6	45.9	42.5	39.8	37.7	32.6	26.7	21.1	16.2
-65°	47.5	45.1	42.6	39.2	36.6	34.9	32.9	28.2	22.8	17.9	13.7
-67.5°	39.0	37.0	34.4	32.1	31.2	30.0	28.1	23.6	18.8	14.6	11.4
-70°	30.8	28.8	27.4	27.1	26.5	25.1	22.6	18.8	14.7	11.9	9.0
-72.5°	22.9	22.4	22.6	22.7	21.4	19.5	17.0	14.1	11.6	9.1	6.6
-75°	15.2	16.5	17.6	17.6	16.1	14.2	12.4	10.7	8.5	6.4	5.0
-77.5°	11.1	12.1	12.7	12.5	11.1	9.8	8.5	7.2	5.8	4.7	3.7
-80°	7.2	7.6	7.6	7.2	6.3	5.4	5.2	4.8	4.0	3.2	2.4
-82.5°	3.5	3.5	3.5	3.5	3.5	3.3	3.1	2.8	2.2	1.6	1.3
-85°	1.8	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°	2.7	1.8	1.3	1.0	0.6	0.3	0.0
75°	3.8	2.6	1.6	1.2	0.8	0.4	0.0
72.5°	4.8	3.3	2.1	1.3	0.9	0.5	0.0
70°	5.9	4.0	2.6	1.6	1.0	0.5	0.0
67.5°	7.8	4.7	3.1	1.9	1.1	0.6	0.0
65°	9.5	5.6	3.5	2.1	1.3	0.6	0.0
62.5°	11.0	6.8	4.0	2.4	1.4	0.7	0.0
60°	12.5	7.8	4.4	2.7	1.5	0.7	0.0
57.5°	13.9	8.7	5.0	2.9	1.6	0.8	0.0
55°	15.2	9.5	5.5	3.1	1.8	0.9	0.0
52.5°	16.4	10.2	6.0	3.3	1.9	0.9	0.0
50°	17.3	10.9	6.4	3.5	2.1	1.0	0.0
47.5°	18.2	11.5	6.7	3.7	2.2	1.0	0.0
45°	19.7	11.9	7.0	3.9	2.3	1.1	0.0
42.5°	20.9	12.2	7.2	4.0	2.4	1.1	0.0
40°	21.9	12.3	7.3	4.2	2.6	1.1	0.0
37.5°	22.6	12.3	7.4	4.4	2.7	1.2	0.0
35°	23.1	12.6	7.4	4.6	2.8	1.2	0.0
32.5°	23.2	12.9	7.3	4.8	2.9	1.3	0.0
30°	22.8	13.1	7.1	4.9	3.0	1.3	0.0
27.5°	22.1	13.1	7.3	5.1	3.0	1.3	0.0
25°	21.3	13.0	7.5	5.2	3.1	1.4	0.0
22.5°	20.4	12.9	7.7	5.3	3.2	1.4	0.0
20°	19.3	13.6	7.9	5.5	3.3	1.4	0.0
17.5°	19.1	14.1	8.1	5.6	3.3	1.4	0.0
15°	19.4	14.5	8.3	5.7	3.4	1.4	0.0
12.5°	19.8	14.9	8.4	5.7	3.4	1.5	0.0
10°	20.1	15.3	8.6	5.8	3.4	1.5	0.0
7.5°	20.3	15.5	8.7	5.8	3.5	1.5	0.0
5°	20.6	15.7	8.8	5.9	3.5	1.5	0.0
2.5°	20.7	15.8	8.8	5.9	3.5	1.5	0.0
0°	20.8	15.8	8.9	5.9	3.5	1.5	0.0
-2.5°	20.7	15.8	8.8	5.9	3.5	1.5	0.0
-5°	20.6	15.7	8.8	5.9	3.5	1.5	0.0
-7.5°	20.3	15.5	8.7	5.8	3.5	1.5	0.0
-10°	20.1	15.3	8.6	5.8	3.4	1.5	0.0
-12.5°	19.8	14.9	8.4	5.7	3.4	1.5	0.0
-15°	19.4	14.5	8.3	5.7	3.4	1.4	0.0
-17.5°	19.1	14.1	8.1	5.6	3.3	1.4	0.0
-20°	19.3	13.6	7.9	5.5	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°	20.4	12.9	7.7	5.3	3.2	1.4	0.0
-25°	21.3	13.0	7.5	5.2	3.1	1.4	0.0
-27.5°	22.1	13.1	7.3	5.1	3.0	1.3	0.0
-30°	22.8	13.1	7.1	4.9	3.0	1.3	0.0
-32.5°	23.2	12.9	7.3	4.8	2.9	1.3	0.0
-35°	23.1	12.6	7.4	4.6	2.8	1.2	0.0
-37.5°	22.6	12.3	7.4	4.4	2.7	1.2	0.0
-40°	21.9	12.3	7.3	4.2	2.6	1.1	0.0
-42.5°	20.9	12.2	7.2	4.0	2.4	1.1	0.0
-45°	19.7	11.9	7.0	3.9	2.3	1.1	0.0
-47.5°	18.2	11.5	6.7	3.7	2.2	1.0	0.0
-50°	17.3	10.9	6.4	3.5	2.1	1.0	0.0
-52.5°	16.4	10.2	6.0	3.3	1.9	0.9	0.0
-55°	15.2	9.5	5.5	3.1	1.8	0.9	0.0
-57.5°	13.9	8.7	5.0	2.9	1.6	0.8	0.0
-60°	12.5	7.8	4.4	2.7	1.5	0.7	0.0
-62.5°	11.0	6.8	4.0	2.4	1.4	0.7	0.0
-65°	9.5	5.6	3.5	2.1	1.3	0.6	0.0
-67.5°	7.8	4.7	3.1	1.9	1.1	0.6	0.0
-70°	5.9	4.0	2.6	1.6	1.0	0.5	0.0
-72.5°	4.8	3.3	2.1	1.3	0.9	0.5	0.0
-75°	3.8	2.6	1.6	1.2	0.8	0.4	0.0
-77.5°	2.7	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)