

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: P558619 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-940-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558619 (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-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

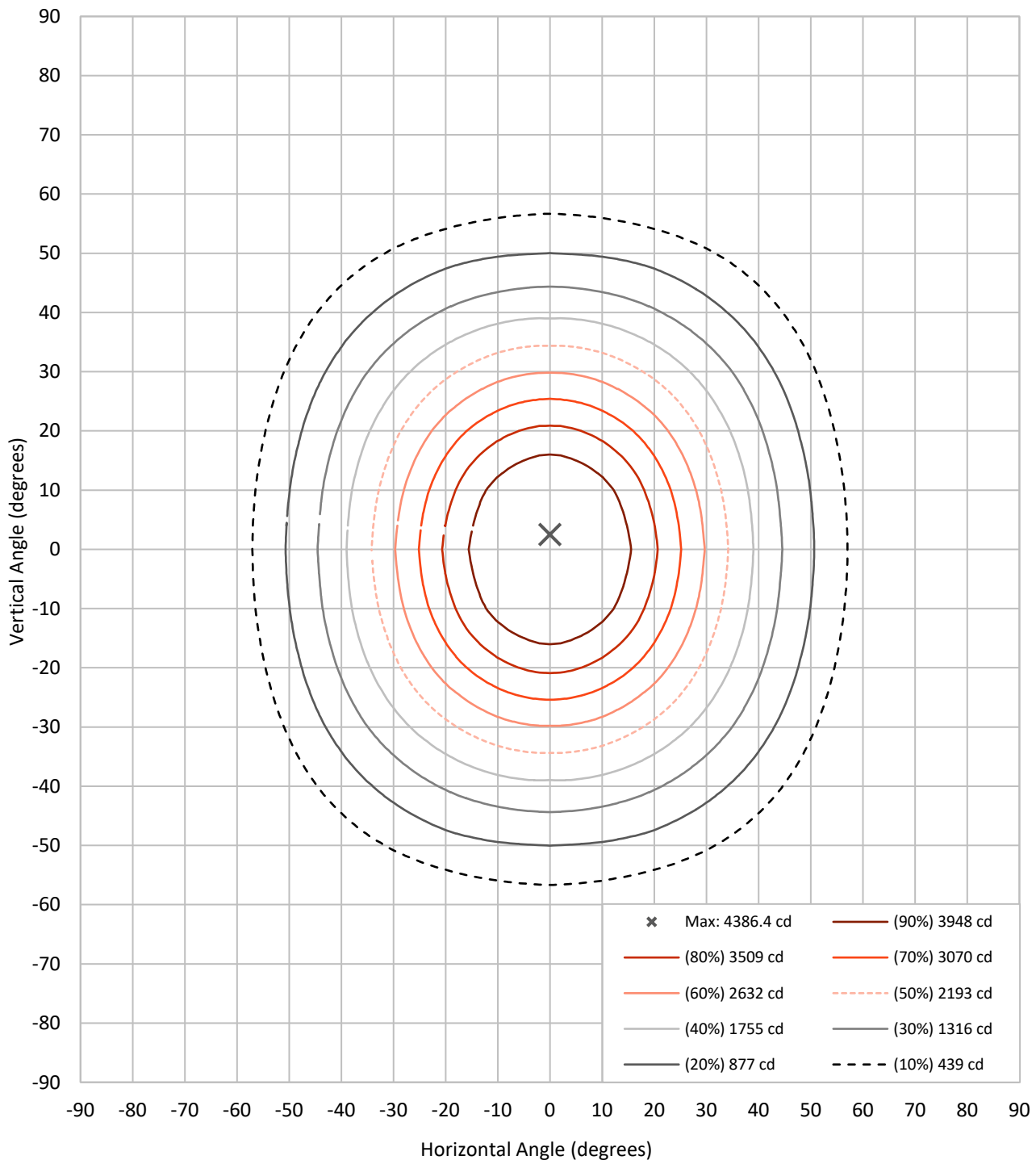
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	5936.6 lumens	Max Intensity:	4386.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	92.8 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	3559.4 lumens	Field Lumens:	5671.1 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



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Iso-Candela Plot





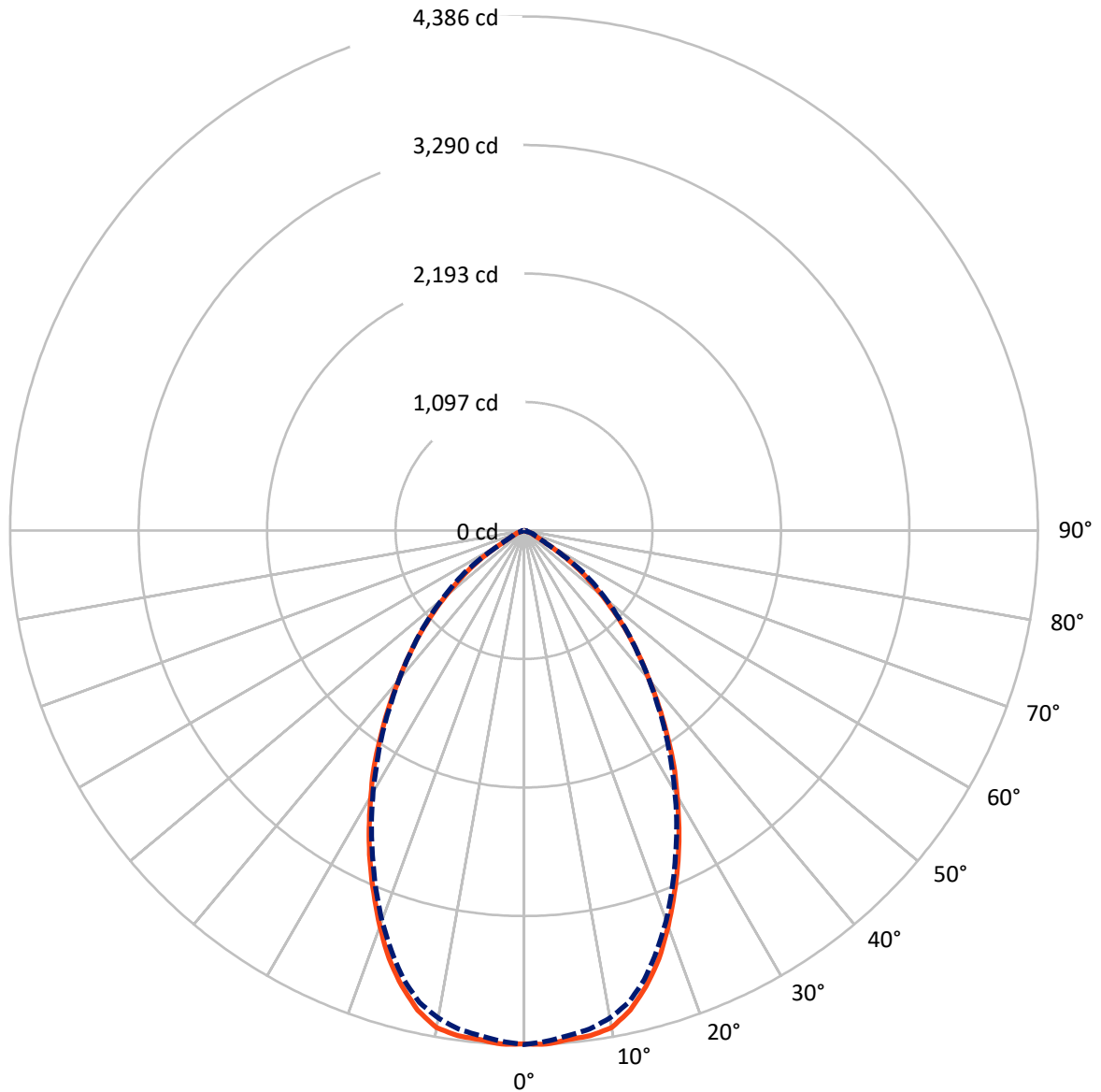
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Lumen Table

90																			
80	0.1	0.6		1.4		2.5		1.7		2.5		1.4		0.6		0.1			
70																			
60	0.3	0.4	0.8	1.3	1.8	2.4	2.9	3.3	3.3	2.9	2.4	1.8	1.3	0.8	0.4	0.3			
50		0.6	1.3	2.4	4.6	8.9	13.4	16.0	16.0	13.4	8.9	4.6	2.4	1.3	0.6				
40	0.5	0.9	1.9	5.7	15.0	24.9	33.1	37.7	37.7	33.1	24.9	15.0	5.7	1.9	0.9	0.5			
30		1.1	3.3	13.1	26.9	42.0	55.6	63.8	63.8	55.6	42.0	26.9	13.1	3.3	1.1				
20	0.5	1.3	6.1	19.8	38.1	59.6	79.7	92.4	92.4	79.7	59.6	38.1	19.8	6.1	1.3	0.5			
10		1.5	8.7	24.7	47.0	74.5	101.5	118.6	118.6	101.5	74.5	47.0	24.7	8.7	1.5				
0	0.5	1.6	10.1	27.3	52.0	83.3	114.0	130.4	130.4	114.0	83.3	52.0	27.3	10.1	1.6	0.5			
-10		1.6	10.1	27.3	52.0	83.3	114.0	130.4	130.4	114.0	83.3	52.0	27.3	10.1	1.6				
-20	0.5	1.5	8.7	24.7	47.0	74.5	101.5	118.6	118.6	101.5	74.5	47.0	24.7	8.7	1.5	0.5			
-30		1.3	6.1	19.8	38.1	59.6	79.7	92.4	92.4	79.7	59.6	38.1	19.8	6.1	1.3				
-40	0.5	1.1	3.3	13.1	26.9	42.0	55.6	63.8	63.8	55.6	42.0	26.9	13.1	3.3	1.1	0.5			
-50		0.9	1.9	5.7	15.0	24.9	33.1	37.7	37.7	33.1	24.9	15.0	5.7	1.9	0.9				
-60	0.3	0.6	1.3	2.4	4.6	8.9	13.4	16.0	16.0	13.4	8.9	4.6	2.4	1.3	0.6	0.3			
-70		0.4	0.8	1.3	1.8	2.4	2.9	3.3	3.3	2.9	2.4	1.8	1.3	0.8	0.4				
-80	0.1	0.6		1.4		2.5		1.7		2.5		1.4		0.6		0.1			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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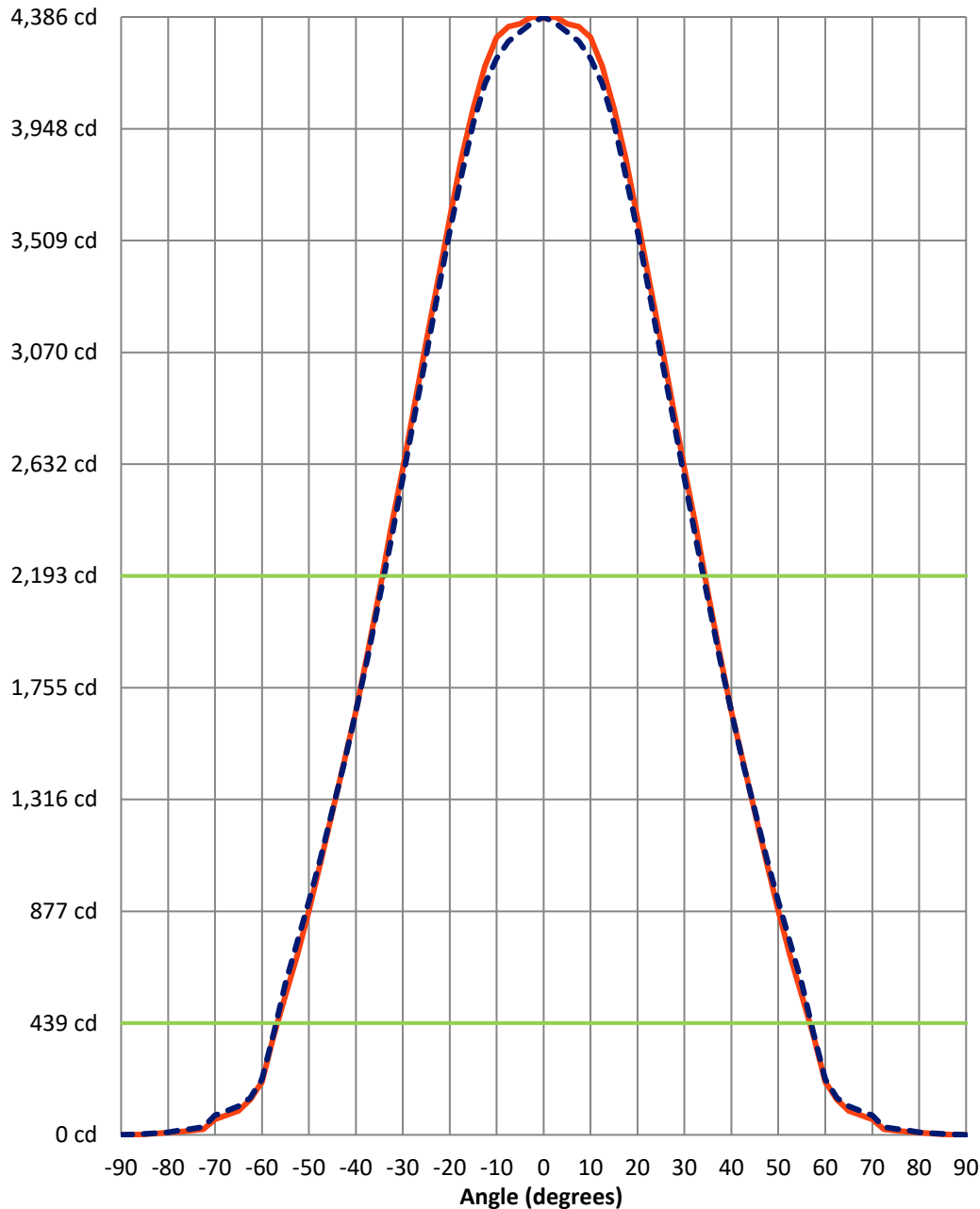
Luminous Intensity Polar Plot



— 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: 3559.4
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 5671.1
Efficiency: 95.5%

Spill:
Lumens: 265.6
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	0.4	0.4	0.5	0.6	0.7	0.7
85°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.3	1.4
82.5°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.8	2.5	3.2
80°	0.0	0.3	0.6	0.9	1.2	1.5	1.9	2.7	3.6	4.6	5.5
77.5°	0.0	0.4	0.7	1.1	1.5	2.0	3.1	4.3	5.4	6.6	8.2
75°	0.0	0.4	0.9	1.3	1.8	2.9	4.4	5.8	7.3	9.8	12.2
72.5°	0.0	0.5	1.0	1.5	2.4	3.8	5.6	7.6	10.5	13.3	16.1
70°	0.0	0.6	1.2	1.8	3.0	4.6	6.8	10.3	13.6	16.8	21.4
67.5°	0.0	0.7	1.3	2.1	3.5	5.4	8.9	13.0	16.7	21.5	27.0
65°	0.0	0.7	1.4	2.4	4.0	6.5	10.9	15.7	20.5	26.0	32.2
62.5°	0.0	0.8	1.6	2.7	4.5	7.7	12.7	18.5	24.1	30.4	37.2
60°	0.0	0.8	1.7	3.0	4.9	8.9	14.3	21.4	27.5	35.2	42.2
57.5°	0.0	0.9	1.9	3.3	5.6	10.0	16.0	23.9	31.7	39.9	46.4
55°	0.0	1.0	2.0	3.5	6.3	10.9	17.5	25.9	36.1	44.4	50.2
52.5°	0.0	1.0	2.2	3.7	6.8	11.8	18.7	28.8	40.4	47.9	54.0
50°	0.0	1.1	2.3	3.9	7.3	12.5	19.8	31.6	44.4	51.4	58.0
47.5°	0.0	1.1	2.5	4.1	7.7	13.2	20.8	33.9	47.5	54.9	61.8
45°	0.0	1.2	2.6	4.4	8.1	13.6	22.4	35.9	48.8	58.0	65.3
42.5°	0.0	1.3	2.7	4.5	8.3	13.9	23.8	37.1	49.7	60.9	69.1
40°	0.0	1.3	2.9	4.8	8.4	14.1	24.9	37.5	50.3	63.3	73.0
37.5°	0.0	1.3	3.0	5.0	8.5	14.1	25.8	37.6	50.8	64.4	76.7
35°	0.0	1.4	3.1	5.2	8.5	14.4	26.3	37.4	51.3	66.7	80.4
32.5°	0.0	1.4	3.2	5.4	8.3	14.8	26.4	36.9	51.8	69.7	84.1
30°	0.0	1.5	3.3	5.6	8.1	15.0	25.9	36.4	52.3	73.3	87.6
27.5°	0.0	1.5	3.4	5.8	8.3	15.0	25.2	36.5	53.6	77.4	90.9
25°	0.0	1.5	3.5	6.0	8.6	14.8	24.3	36.5	56.4	80.7	94.0
22.5°	0.0	1.6	3.6	6.1	8.8	14.8	23.2	36.4	59.3	83.1	98.0
20°	0.0	1.6	3.6	6.3	9.0	15.5	21.9	36.2	62.3	85.4	101.5
17.5°	0.0	1.6	3.7	6.4	9.2	16.1	21.7	35.9	65.3	87.4	104.6
15°	0.0	1.6	3.7	6.5	9.4	16.6	22.1	35.7	68.3	89.2	107.2
12.5°	0.0	1.7	3.8	6.6	9.6	17.0	22.5	35.5	70.9	90.8	109.4
10°	0.0	1.7	3.8	6.7	9.7	17.4	22.9	34.8	73.1	91.9	111.1
7.5°	0.0	1.7	3.9	6.7	9.9	17.6	23.2	33.7	74.9	92.9	112.0
5°	0.0	1.7	3.9	6.8	10.0	17.8	23.4	32.3	76.1	93.6	112.5
2.5°	0.0	1.7	3.9	6.8	10.0	18.0	23.6	30.6	76.7	94.0	112.5
0°	0.0	1.7	3.9	6.8	10.1	18.0	23.7	28.8	76.7	94.2	112.2
-2.5°	0.0	1.7	3.9	6.8	10.0	18.0	23.6	30.6	76.7	94.0	112.5
-5°	0.0	1.7	3.9	6.8	10.0	17.8	23.4	32.3	76.1	93.6	112.5
-7.5°	0.0	1.7	3.9	6.7	9.9	17.6	23.2	33.7	74.9	92.9	112.0
-10°	0.0	1.7	3.8	6.7	9.7	17.4	22.9	34.8	73.1	91.9	111.1
-12.5°	0.0	1.7	3.8	6.6	9.6	17.0	22.5	35.5	70.9	90.8	109.4
-15°	0.0	1.6	3.7	6.5	9.4	16.6	22.1	35.7	68.3	89.2	107.2
-17.5°	0.0	1.6	3.7	6.4	9.2	16.1	21.7	35.9	65.3	87.4	104.6
-20°	0.0	1.6	3.6	6.3	9.0	15.5	21.9	36.2	62.3	85.4	101.5



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 CATALOG NUMBER: GFLD-SA1E-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	1.6	3.6	6.1	8.8	14.8	23.2	36.4	59.3	83.1	98.0
-25°	0.0	1.5	3.5	6.0	8.6	14.8	24.3	36.5	56.4	80.7	94.0
-27.5°	0.0	1.5	3.4	5.8	8.3	15.0	25.2	36.5	53.6	77.4	90.9
-30°	0.0	1.5	3.3	5.6	8.1	15.0	25.9	36.4	52.3	73.3	87.6
-32.5°	0.0	1.4	3.2	5.4	8.3	14.8	26.4	36.9	51.8	69.7	84.1
-35°	0.0	1.4	3.1	5.2	8.5	14.4	26.3	37.4	51.3	66.7	80.4
-37.5°	0.0	1.3	3.0	5.0	8.5	14.1	25.8	37.6	50.8	64.4	76.7
-40°	0.0	1.3	2.9	4.8	8.4	14.1	24.9	37.5	50.3	63.3	73.0
-42.5°	0.0	1.3	2.7	4.5	8.3	13.9	23.8	37.1	49.7	60.9	69.1
-45°	0.0	1.2	2.6	4.4	8.1	13.6	22.4	35.9	48.8	58.0	65.3
-47.5°	0.0	1.1	2.5	4.1	7.7	13.2	20.8	33.9	47.5	54.9	61.8
-50°	0.0	1.1	2.3	3.9	7.3	12.5	19.8	31.6	44.4	51.4	58.0
-52.5°	0.0	1.0	2.2	3.7	6.8	11.8	18.7	28.8	40.4	47.9	54.0
-55°	0.0	1.0	2.0	3.5	6.3	10.9	17.5	25.9	36.1	44.4	50.2
-57.5°	0.0	0.9	1.9	3.3	5.6	10.0	16.0	23.9	31.7	39.9	46.4
-60°	0.0	0.8	1.7	3.0	4.9	8.9	14.3	21.4	27.5	35.2	42.2
-62.5°	0.0	0.8	1.6	2.7	4.5	7.7	12.7	18.5	24.1	30.4	37.2
-65°	0.0	0.7	1.4	2.4	4.0	6.5	10.9	15.7	20.5	26.0	32.2
-67.5°	0.0	0.7	1.3	2.1	3.5	5.4	8.9	13.0	16.7	21.5	27.0
-70°	0.0	0.6	1.2	1.8	3.0	4.6	6.8	10.3	13.6	16.8	21.4
-72.5°	0.0	0.5	1.0	1.5	2.4	3.8	5.6	7.6	10.5	13.3	16.1
-75°	0.0	0.4	0.9	1.3	1.8	2.9	4.4	5.8	7.3	9.8	12.2
-77.5°	0.0	0.4	0.7	1.1	1.5	2.0	3.1	4.3	5.4	6.6	8.2
-80°	0.0	0.3	0.6	0.9	1.2	1.5	1.9	2.7	3.6	4.6	5.5
-82.5°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.8	2.5	3.2
-85°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.3	1.4
-87.5°	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.6	0.7	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-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°	0.7	0.7	0.7	0.6	0.7	0.7	0.7	0.8	0.7	0.7	0.6
85°	1.4	1.4	1.6	1.7	1.9	2.0	2.1	2.1	2.3	2.6	3.0
82.5°	3.6	3.8	4.0	4.0	4.1	4.1	4.0	4.0	4.9	6.1	7.4
80°	6.0	6.2	7.2	8.2	8.8	8.8	8.3	7.4	8.7	10.9	13.6
77.5°	9.8	11.2	12.7	14.3	14.6	13.9	12.6	11.0	12.9	16.8	21.2
75°	14.2	16.2	18.4	20.1	20.1	18.9	17.3	17.0	20.3	25.0	28.8
72.5°	19.4	22.3	24.5	25.9	25.8	25.6	26.2	27.6	30.3	33.7	36.7
70°	25.8	28.6	30.2	31.0	31.2	32.8	35.1	36.9	38.8	42.2	45.3
67.5°	32.0	34.2	35.6	36.6	39.2	42.2	44.5	46.7	49.0	52.5	55.4
65°	37.6	39.8	41.8	44.8	48.6	51.4	54.2	57.1	61.2	65.1	67.4
62.5°	43.0	45.4	48.4	52.4	56.6	60.2	64.7	69.8	75.2	79.2	83.7
60°	47.3	50.7	54.9	59.6	64.6	70.5	76.3	82.3	87.8	93.1	99.8
57.5°	51.3	56.2	61.5	67.0	73.6	81.0	88.1	94.5	101.4	108.8	116.4
55°	55.7	62.1	67.9	74.6	82.6	92.0	99.9	107.5	115.7	128.3	139.2
52.5°	60.5	67.6	74.2	82.3	92.3	102.3	111.3	122.0	135.8	154.4	184.5
50°	65.0	72.6	80.4	90.9	101.7	112.2	125.2	140.2	167.8	202.5	263.1
47.5°	69.5	77.6	87.9	99.3	111.0	124.9	141.3	174.0	211.7	298.0	384.0
45°	74.0	83.6	95.0	107.9	121.9	139.3	173.5	213.8	316.3	415.6	519.0
42.5°	78.4	89.6	102.7	116.4	134.6	166.2	210.2	316.8	427.7	541.8	641.0
40°	83.4	95.3	110.4	127.7	151.8	199.7	298.7	418.6	543.7	651.4	748.0
37.5°	88.1	102.1	118.5	138.7	182.1	262.0	389.5	522.6	643.7	748.9	852.1
35°	92.4	108.8	128.3	158.6	211.8	343.5	481.7	617.0	732.7	845.1	957.9
32.5°	97.4	115.2	137.7	184.9	279.8	422.2	569.2	698.1	819.3	939.1	1068.1
30°	103.0	123.2	150.8	210.0	347.2	498.6	644.2	775.9	901.6	1034.7	1172.8
27.5°	108.3	130.9	172.5	258.7	410.6	569.9	712.5	848.0	983.0	1124.7	1273.4
25°	113.1	138.2	192.8	312.1	471.7	630.8	775.3	913.2	1058.9	1213.0	1369.4
22.5°	118.2	145.3	211.1	360.7	527.7	684.9	830.8	977.0	1131.2	1294.5	1457.6
20°	123.8	160.5	241.3	405.7	578.5	734.2	880.6	1036.3	1198.9	1368.0	1540.3
17.5°	128.8	173.9	277.4	448.3	621.3	777.0	925.4	1090.0	1257.7	1434.5	1616.0
15°	133.4	185.6	309.2	485.9	657.6	813.4	969.1	1137.6	1310.0	1494.1	1682.6
12.5°	137.4	195.4	336.5	518.5	688.2	844.5	1005.9	1177.8	1356.6	1546.2	1742.7
10°	140.8	203.4	359.2	545.7	713.1	870.1	1035.3	1211.2	1393.7	1588.2	1791.1
7.5°	142.9	210.0	377.2	567.5	732.3	890.2	1057.6	1237.6	1420.8	1621.0	1827.8
5°	144.3	215.4	390.1	583.6	746.3	905.3	1073.6	1256.5	1438.3	1644.0	1852.4
2.5°	145.0	219.1	398.0	593.9	755.1	916.0	1086.9	1273.1	1456.6	1660.4	1871.5
0°	144.9	221.0	400.9	598.3	758.4	920.8	1093.4	1281.7	1468.3	1667.4	1884.5
-2.5°	145.0	219.1	398.0	593.9	755.1	916.0	1086.9	1273.1	1456.6	1660.4	1871.5
-5°	144.3	215.4	390.1	583.6	746.3	905.3	1073.6	1256.5	1438.3	1644.0	1852.4
-7.5°	142.9	210.0	377.2	567.5	732.3	890.2	1057.6	1237.6	1420.8	1621.0	1827.8
-10°	140.8	203.4	359.2	545.7	713.1	870.1	1035.3	1211.2	1393.7	1588.2	1791.1
-12.5°	137.4	195.4	336.5	518.5	688.2	844.5	1005.9	1177.8	1356.6	1546.2	1742.7
-15°	133.4	185.6	309.2	485.9	657.6	813.4	969.1	1137.6	1310.0	1494.1	1682.6
-17.5°	128.8	173.9	277.4	448.3	621.3	777.0	925.4	1090.0	1257.7	1434.5	1616.0
-20°	123.8	160.5	241.3	405.7	578.5	734.2	880.6	1036.3	1198.9	1368.0	1540.3



REPORT NUMBER: P558619 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	118.2	145.3	211.1	360.7	527.7	684.9	830.8	977.0	1131.2	1294.5	1457.6
-25°	113.1	138.2	192.8	312.1	471.7	630.8	775.3	913.2	1058.9	1213.0	1369.4
-27.5°	108.3	130.9	172.5	258.7	410.6	569.9	712.5	848.0	983.0	1124.7	1273.4
-30°	103.0	123.2	150.8	210.0	347.2	498.6	644.2	775.9	901.6	1034.7	1172.8
-32.5°	97.4	115.2	137.7	184.9	279.8	422.2	569.2	698.1	819.3	939.1	1068.1
-35°	92.4	108.8	128.3	158.6	211.8	343.5	481.7	617.0	732.7	845.1	957.9
-37.5°	88.1	102.1	118.5	138.7	182.1	262.0	389.5	522.6	643.7	748.9	852.1
-40°	83.4	95.3	110.4	127.7	151.8	199.7	298.7	418.6	543.7	651.4	748.0
-42.5°	78.4	89.6	102.7	116.4	134.6	166.2	210.2	316.8	427.7	541.8	641.0
-45°	74.0	83.6	95.0	107.9	121.9	139.3	173.5	213.8	316.3	415.6	519.0
-47.5°	69.5	77.6	87.9	99.3	111.0	124.9	141.3	174.0	211.7	298.0	384.0
-50°	65.0	72.6	80.4	90.9	101.7	112.2	125.2	140.2	167.8	202.5	263.1
-52.5°	60.5	67.6	74.2	82.3	92.3	102.3	111.3	122.0	135.8	154.4	184.5
-55°	55.7	62.1	67.9	74.6	82.6	92.0	99.9	107.5	115.7	128.3	139.2
-57.5°	51.3	56.2	61.5	67.0	73.6	81.0	88.1	94.5	101.4	108.8	116.4
-60°	47.3	50.7	54.9	59.6	64.6	70.5	76.3	82.3	87.8	93.1	99.8
-62.5°	43.0	45.4	48.4	52.4	56.6	60.2	64.7	69.8	75.2	79.2	83.7
-65°	37.6	39.8	41.8	44.8	48.6	51.4	54.2	57.1	61.2	65.1	67.4
-67.5°	32.0	34.2	35.6	36.6	39.2	42.2	44.5	46.7	49.0	52.5	55.4
-70°	25.8	28.6	30.2	31.0	31.2	32.8	35.1	36.9	38.8	42.2	45.3
-72.5°	19.4	22.3	24.5	25.9	25.8	25.6	26.2	27.6	30.3	33.7	36.7
-75°	14.2	16.2	18.4	20.1	20.1	18.9	17.3	17.0	20.3	25.0	28.8
-77.5°	9.8	11.2	12.7	14.3	14.6	13.9	12.6	11.0	12.9	16.8	21.2
-80°	6.0	6.2	7.2	8.2	8.8	8.8	8.3	7.4	8.7	10.9	13.6
-82.5°	3.6	3.8	4.0	4.0	4.1	4.1	4.0	4.0	4.9	6.1	7.4
-85°	1.4	1.4	1.6	1.7	1.9	2.0	2.1	2.1	2.3	2.6	3.0
-87.5°	0.7	0.7	0.7	0.6	0.7	0.7	0.7	0.8	0.7	0.7	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



REPORT NUMBER: P558619 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
85°	3.5	3.4	3.3	3.1	2.9	3.0	3.1	3.1	3.2	3.0	2.8
82.5°	8.8	9.5	10.1	10.8	11.5	11.4	11.1	10.6	10.0	8.9	7.7
80°	16.5	18.1	19.1	20.0	20.6	20.0	19.0	17.9	16.7	14.8	12.8
77.5°	25.7	27.3	28.1	29.0	30.1	30.3	30.4	30.5	30.7	27.2	22.8
75°	32.0	34.0	35.7	37.2	38.5	39.2	39.6	40.1	40.5	35.9	29.9
72.5°	39.3	41.3	42.9	44.5	46.0	47.1	47.9	48.6	49.2	45.4	40.2
70°	47.8	49.8	51.7	53.3	55.0	56.5	57.8	59.1	60.2	60.4	60.7
67.5°	57.5	58.7	60.9	63.0	65.5	67.4	69.5	71.4	73.2	74.7	76.0
65°	69.5	73.7	78.0	80.2	80.3	83.0	87.2	89.6	90.3	90.8	92.1
62.5°	89.5	95.1	98.0	101.8	107.0	112.6	114.8	117.9	121.7	126.0	129.8
60°	105.5	110.2	117.2	124.3	130.6	136.3	150.2	162.6	173.2	182.3	191.0
57.5°	125.3	133.1	143.7	163.0	180.5	196.4	223.6	256.8	286.4	312.2	335.0
55°	156.9	179.4	199.7	245.0	293.5	335.4	374.7	416.7	450.9	477.7	502.4
52.5°	210.8	272.6	335.2	394.1	452.0	504.8	552.1	589.3	618.4	640.2	660.9
50°	337.4	411.9	488.2	558.4	615.4	667.3	716.6	753.5	784.5	811.1	834.6
47.5°	475.5	562.6	634.7	699.6	760.9	818.6	872.5	917.4	955.5	990.6	1019.8
45°	612.9	690.8	764.8	834.3	901.0	965.7	1023.7	1074.8	1125.2	1166.8	1199.7
42.5°	729.0	811.6	890.3	969.8	1044.4	1116.9	1187.0	1249.2	1302.7	1348.2	1384.8
40°	840.5	929.6	1023.0	1111.3	1199.9	1282.7	1360.2	1431.2	1492.2	1546.1	1591.6
37.5°	954.0	1058.0	1160.6	1261.3	1358.9	1448.9	1537.9	1619.8	1691.2	1754.3	1807.2
35°	1073.8	1188.4	1300.0	1413.5	1520.1	1624.3	1722.7	1812.8	1891.9	1966.2	2030.0
32.5°	1193.8	1317.9	1443.7	1566.4	1684.5	1801.2	1909.1	2010.7	2104.3	2186.4	2254.6
30°	1310.7	1447.3	1581.9	1715.6	1850.4	1977.4	2097.0	2208.6	2310.1	2399.6	2477.0
27.5°	1422.8	1569.7	1714.0	1866.9	2013.4	2151.6	2281.5	2401.5	2514.8	2616.5	2704.4
25°	1526.5	1682.5	1850.8	2011.1	2167.9	2321.2	2463.5	2593.8	2723.3	2835.3	2930.8
22.5°	1624.5	1798.6	1975.7	2144.0	2316.9	2485.5	2644.7	2795.9	2934.1	3051.5	3153.2
20°	1717.7	1905.1	2087.6	2273.8	2461.1	2643.0	2818.4	2979.8	3126.0	3253.9	3368.6
17.5°	1805.7	1999.6	2193.5	2392.4	2594.7	2785.9	2971.7	3147.4	3306.9	3448.8	3578.2
15°	1881.8	2082.2	2289.8	2501.2	2712.8	2916.1	3113.4	3304.7	3484.2	3638.6	3769.1
12.5°	1946.6	2155.3	2374.9	2596.7	2819.7	3032.9	3241.9	3446.7	3637.4	3803.4	3937.4
10°	2000.2	2219.0	2448.4	2679.4	2908.1	3129.5	3346.9	3558.8	3763.7	3935.8	4073.4
7.5°	2045.0	2272.1	2506.8	2744.8	2975.5	3205.5	3432.2	3646.3	3848.1	4029.6	4171.0
5°	2078.4	2309.3	2548.9	2792.8	3027.1	3265.3	3498.8	3717.8	3917.7	4082.2	4197.6
2.5°	2103.2	2332.4	2576.3	2821.8	3059.2	3306.1	3544.5	3763.7	3968.3	4124.0	4223.9
0°	2120.2	2345.2	2601.2	2841.9	3083.3	3336.5	3572.2	3793.8	3999.0	4151.3	4254.5
-2.5°	2103.2	2332.4	2576.3	2821.8	3059.2	3306.1	3544.5	3763.7	3968.3	4124.0	4223.9
-5°	2078.4	2309.3	2548.9	2792.8	3027.1	3265.3	3498.8	3717.8	3917.7	4082.2	4197.6
-7.5°	2045.0	2272.1	2506.8	2744.8	2975.5	3205.5	3432.2	3646.3	3848.1	4029.6	4171.0
-10°	2000.2	2219.0	2448.4	2679.4	2908.1	3129.5	3346.9	3558.8	3763.7	3935.8	4073.4
-12.5°	1946.6	2155.3	2374.9	2596.7	2819.7	3032.9	3241.9	3446.7	3637.4	3803.4	3937.4
-15°	1881.8	2082.2	2289.8	2501.2	2712.8	2916.1	3113.4	3304.7	3484.2	3638.6	3769.1
-17.5°	1805.7	1999.6	2193.5	2392.4	2594.7	2785.9	2971.7	3147.4	3306.9	3448.8	3578.2
-20°	1717.7	1905.1	2087.6	2273.8	2461.1	2643.0	2818.4	2979.8	3126.0	3253.9	3368.6



REPORT NUMBER: P558619 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-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°	1624.5	1798.6	1975.7	2144.0	2316.9	2485.5	2644.7	2795.9	2934.1	3051.5	3153.2
-25°	1526.5	1682.5	1850.8	2011.1	2167.9	2321.2	2463.5	2593.8	2723.3	2835.3	2930.8
-27.5°	1422.8	1569.7	1714.0	1866.9	2013.4	2151.6	2281.5	2401.5	2514.8	2616.5	2704.4
-30°	1310.7	1447.3	1581.9	1715.6	1850.4	1977.4	2097.0	2208.6	2310.1	2399.6	2477.0
-32.5°	1193.8	1317.9	1443.7	1566.4	1684.5	1801.2	1909.1	2010.7	2104.3	2186.4	2254.6
-35°	1073.8	1188.4	1300.0	1413.5	1520.1	1624.3	1722.7	1812.8	1891.9	1966.2	2030.0
-37.5°	954.0	1058.0	1160.6	1261.3	1358.9	1448.9	1537.9	1619.8	1691.2	1754.3	1807.2
-40°	840.5	929.6	1023.0	1111.3	1199.9	1282.7	1360.2	1431.2	1492.2	1546.1	1591.6
-42.5°	729.0	811.6	890.3	969.8	1044.4	1116.9	1187.0	1249.2	1302.7	1348.2	1384.8
-45°	612.9	690.8	764.8	834.3	901.0	965.7	1023.7	1074.8	1125.2	1166.8	1199.7
-47.5°	475.5	562.6	634.7	699.6	760.9	818.6	872.5	917.4	955.5	990.6	1019.8
-50°	337.4	411.9	488.2	558.4	615.4	667.3	716.6	753.5	784.5	811.1	834.6
-52.5°	210.8	272.6	335.2	394.1	452.0	504.8	552.1	589.3	618.4	640.2	660.9
-55°	156.9	179.4	199.7	245.0	293.5	335.4	374.7	416.7	450.9	477.7	502.4
-57.5°	125.3	133.1	143.7	163.0	180.5	196.4	223.6	256.8	286.4	312.2	335.0
-60°	105.5	110.2	117.2	124.3	130.6	136.3	150.2	162.6	173.2	182.3	191.0
-62.5°	89.5	95.1	98.0	101.8	107.0	112.6	114.8	117.9	121.7	126.0	129.8
-65°	69.5	73.7	78.0	80.2	80.3	83.0	87.2	89.6	90.3	90.8	92.1
-67.5°	57.5	58.7	60.9	63.0	65.5	67.4	69.5	71.4	73.2	74.7	76.0
-70°	47.8	49.8	51.7	53.3	55.0	56.5	57.8	59.1	60.2	60.4	60.7
-72.5°	39.3	41.3	42.9	44.5	46.0	47.1	47.9	48.6	49.2	45.4	40.2
-75°	32.0	34.0	35.7	37.2	38.5	39.2	39.6	40.1	40.5	35.9	29.9
-77.5°	25.7	27.3	28.1	29.0	30.1	30.3	30.4	30.5	30.7	27.2	22.8
-80°	16.5	18.1	19.1	20.0	20.6	20.0	19.0	17.9	16.7	14.8	12.8
-82.5°	8.8	9.5	10.1	10.8	11.5	11.4	11.1	10.6	10.0	8.9	7.7
-85°	3.5	3.4	3.3	3.1	2.9	3.0	3.1	3.1	3.2	3.0	2.8
-87.5°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	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



REPORT NUMBER: P558619 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
85°	2.5	2.3	2.3	2.3	2.3	2.3	2.5	2.8	3.0	3.2	3.1
82.5°	6.4	5.1	5.3	5.6	5.3	5.1	6.4	7.7	8.9	10.0	10.6
80°	10.7	8.5	8.7	9.0	8.7	8.5	10.7	12.8	14.8	16.7	17.9
77.5°	18.1	13.2	12.7	12.4	12.7	13.2	18.1	22.8	27.2	30.7	30.5
75°	23.6	17.3	16.9	16.9	16.9	17.3	23.6	29.9	35.9	40.5	40.1
72.5°	34.9	29.5	25.8	22.0	25.8	29.5	34.9	40.2	45.4	49.2	48.6
70°	61.4	62.2	61.8	60.9	61.8	62.2	61.4	60.7	60.4	60.2	59.1
67.5°	77.0	77.8	78.0	77.8	78.0	77.8	77.0	76.0	74.7	73.2	71.4
65°	93.1	93.6	94.0	94.2	94.0	93.6	93.1	92.1	90.8	90.3	89.6
62.5°	132.8	134.7	136.8	138.2	136.8	134.7	132.8	129.8	126.0	121.7	117.9
60°	198.7	205.0	207.8	208.1	207.8	205.0	198.7	191.0	182.3	173.2	162.6
57.5°	353.2	366.8	378.9	387.9	378.9	366.8	353.2	335.0	312.2	286.4	256.8
55°	522.1	536.6	544.8	547.0	544.8	536.6	522.1	502.4	477.7	450.9	416.7
52.5°	676.6	686.2	695.3	703.2	695.3	686.2	676.6	660.9	640.2	618.4	589.3
50°	852.4	863.1	872.1	879.1	872.1	863.1	852.4	834.6	811.1	784.5	753.5
47.5°	1040.4	1053.5	1063.2	1069.7	1063.2	1053.5	1040.4	1019.8	990.6	955.5	917.4
45°	1227.9	1250.4	1264.1	1266.5	1264.1	1250.4	1227.9	1199.7	1166.8	1125.2	1074.8
42.5°	1416.4	1438.0	1452.5	1463.3	1452.5	1438.0	1416.4	1384.8	1348.2	1302.7	1249.2
40°	1629.7	1656.7	1669.1	1661.2	1669.1	1656.7	1629.7	1591.6	1546.1	1492.2	1431.2
37.5°	1848.0	1875.9	1890.2	1889.6	1890.2	1875.9	1848.0	1807.2	1754.3	1691.2	1619.8
35°	2079.6	2114.1	2132.8	2128.1	2132.8	2114.1	2079.6	2030.0	1966.2	1891.9	1812.8
32.5°	2309.0	2350.7	2377.6	2381.8	2377.6	2350.7	2309.0	2254.6	2186.4	2104.3	2010.7
30°	2539.1	2584.2	2611.0	2613.6	2611.0	2584.2	2539.1	2477.0	2399.6	2310.1	2208.6
27.5°	2778.2	2828.7	2856.7	2863.4	2856.7	2828.7	2778.2	2704.4	2616.5	2514.8	2401.5
25°	3012.1	3068.1	3100.3	3112.6	3100.3	3068.1	3012.1	2930.8	2835.3	2723.3	2593.8
22.5°	3237.7	3299.1	3341.0	3351.7	3341.0	3299.1	3237.7	3153.2	3051.5	2934.1	2795.9
20°	3463.9	3536.4	3590.0	3595.3	3590.0	3536.4	3463.9	3368.6	3253.9	3126.0	2979.8
17.5°	3681.8	3760.2	3817.5	3831.6	3817.5	3760.2	3681.8	3578.2	3448.8	3306.9	3147.4
15°	3876.8	3959.1	4014.5	4026.7	4014.5	3959.1	3876.8	3769.1	3638.6	3484.2	3304.7
12.5°	4045.1	4120.9	4172.6	4192.4	4172.6	4120.9	4045.1	3937.4	3803.4	3637.4	3446.7
10°	4180.7	4239.2	4285.4	4306.3	4285.4	4239.2	4180.7	4073.4	3935.8	3763.7	3558.8
7.5°	4256.3	4304.5	4336.5	4348.1	4336.5	4304.5	4256.3	4171.0	4029.6	3848.1	3646.3
5°	4286.2	4332.5	4349.8	4359.9	4349.8	4332.5	4286.2	4197.6	4082.2	3917.7	3717.8
2.5°	4290.3	4327.3	4363.0	4386.4	4363.0	4327.3	4290.3	4223.9	4124.0	3968.3	3763.7
0°	4314.2	4350.3	4370.1	4381.3	4370.1	4350.3	4314.2	4254.5	4151.3	3999.0	3793.8
-2.5°	4290.3	4327.3	4363.0	4386.4	4363.0	4327.3	4290.3	4223.9	4124.0	3968.3	3763.7
-5°	4286.2	4332.5	4349.8	4359.9	4349.8	4332.5	4286.2	4197.6	4082.2	3917.7	3717.8
-7.5°	4256.3	4304.5	4336.5	4348.1	4336.5	4304.5	4256.3	4171.0	4029.6	3848.1	3646.3
-10°	4180.7	4239.2	4285.4	4306.3	4285.4	4239.2	4180.7	4073.4	3935.8	3763.7	3558.8
-12.5°	4045.1	4120.9	4172.6	4192.4	4172.6	4120.9	4045.1	3937.4	3803.4	3637.4	3446.7
-15°	3876.8	3959.1	4014.5	4026.7	4014.5	3959.1	3876.8	3769.1	3638.6	3484.2	3304.7
-17.5°	3681.8	3760.2	3817.5	3831.6	3817.5	3760.2	3681.8	3578.2	3448.8	3306.9	3147.4
-20°	3463.9	3536.4	3590.0	3595.3	3590.0	3536.4	3463.9	3368.6	3253.9	3126.0	2979.8



REPORT NUMBER: P558619 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-940-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°	3237.7	3299.1	3341.0	3351.7	3341.0	3299.1	3237.7	3153.2	3051.5	2934.1	2795.9
-25°	3012.1	3068.1	3100.3	3112.6	3100.3	3068.1	3012.1	2930.8	2835.3	2723.3	2593.8
-27.5°	2778.2	2828.7	2856.7	2863.4	2856.7	2828.7	2778.2	2704.4	2616.5	2514.8	2401.5
-30°	2539.1	2584.2	2611.0	2613.6	2611.0	2584.2	2539.1	2477.0	2399.6	2310.1	2208.6
-32.5°	2309.0	2350.7	2377.6	2381.8	2377.6	2350.7	2309.0	2254.6	2186.4	2104.3	2010.7
-35°	2079.6	2114.1	2132.8	2128.1	2132.8	2114.1	2079.6	2030.0	1966.2	1891.9	1812.8
-37.5°	1848.0	1875.9	1890.2	1889.6	1890.2	1875.9	1848.0	1807.2	1754.3	1691.2	1619.8
-40°	1629.7	1656.7	1669.1	1661.2	1669.1	1656.7	1629.7	1591.6	1546.1	1492.2	1431.2
-42.5°	1416.4	1438.0	1452.5	1463.3	1452.5	1438.0	1416.4	1384.8	1348.2	1302.7	1249.2
-45°	1227.9	1250.4	1264.1	1266.5	1264.1	1250.4	1227.9	1199.7	1166.8	1125.2	1074.8
-47.5°	1040.4	1053.5	1063.2	1069.7	1063.2	1053.5	1040.4	1019.8	990.6	955.5	917.4
-50°	852.4	863.1	872.1	879.1	872.1	863.1	852.4	834.6	811.1	784.5	753.5
-52.5°	676.6	686.2	695.3	703.2	695.3	686.2	676.6	660.9	640.2	618.4	589.3
-55°	522.1	536.6	544.8	547.0	544.8	536.6	522.1	502.4	477.7	450.9	416.7
-57.5°	353.2	366.8	378.9	387.9	378.9	366.8	353.2	335.0	312.2	286.4	256.8
-60°	198.7	205.0	207.8	208.1	207.8	205.0	198.7	191.0	182.3	173.2	162.6
-62.5°	132.8	134.7	136.8	138.2	136.8	134.7	132.8	129.8	126.0	121.7	117.9
-65°	93.1	93.6	94.0	94.2	94.0	93.6	93.1	92.1	90.8	90.3	89.6
-67.5°	77.0	77.8	78.0	77.8	78.0	77.8	77.0	76.0	74.7	73.2	71.4
-70°	61.4	62.2	61.8	60.9	61.8	62.2	61.4	60.7	60.4	60.2	59.1
-72.5°	34.9	29.5	25.8	22.0	25.8	29.5	34.9	40.2	45.4	49.2	48.6
-75°	23.6	17.3	16.9	16.9	16.9	17.3	23.6	29.9	35.9	40.5	40.1
-77.5°	18.1	13.2	12.7	12.4	12.7	13.2	18.1	22.8	27.2	30.7	30.5
-80°	10.7	8.5	8.7	9.0	8.7	8.5	10.7	12.8	14.8	16.7	17.9
-82.5°	6.4	5.1	5.3	5.6	5.3	5.1	6.4	7.7	8.9	10.0	10.6
-85°	2.5	2.3	2.3	2.3	2.3	2.3	2.5	2.8	3.0	3.2	3.1
-87.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	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):

	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°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.7	0.7	0.8
85°	3.1	3.0	2.9	3.1	3.3	3.4	3.5	3.0	2.6	2.3	2.1
82.5°	11.1	11.4	11.5	10.8	10.1	9.5	8.8	7.4	6.1	4.9	4.0
80°	19.0	20.0	20.6	20.0	19.1	18.1	16.5	13.6	10.9	8.7	7.4
77.5°	30.4	30.3	30.1	29.0	28.1	27.3	25.7	21.2	16.8	12.9	11.0
75°	39.6	39.2	38.5	37.2	35.7	34.0	32.0	28.8	25.0	20.3	17.0
72.5°	47.9	47.1	46.0	44.5	42.9	41.3	39.3	36.7	33.7	30.3	27.6
70°	57.8	56.5	55.0	53.3	51.7	49.8	47.8	45.3	42.2	38.8	36.9
67.5°	69.5	67.4	65.5	63.0	60.9	58.7	57.5	55.4	52.5	49.0	46.7
65°	87.2	83.0	80.3	80.2	78.0	73.7	69.5	67.4	65.1	61.2	57.1
62.5°	114.8	112.6	107.0	101.8	98.0	95.1	89.5	83.7	79.2	75.2	69.8
60°	150.2	136.3	130.6	124.3	117.2	110.2	105.5	99.8	93.1	87.8	82.3
57.5°	223.6	196.4	180.5	163.0	143.7	133.1	125.3	116.4	108.8	101.4	94.5
55°	374.7	335.4	293.5	245.0	199.7	179.4	156.9	139.2	128.3	115.7	107.5
52.5°	552.1	504.8	452.0	394.1	335.2	272.6	210.8	184.5	154.4	135.8	122.0
50°	716.6	667.3	615.4	558.4	488.2	411.9	337.4	263.1	202.5	167.8	140.2
47.5°	872.5	818.6	760.9	699.6	634.7	562.6	475.5	384.0	298.0	211.7	174.0
45°	1023.7	965.7	901.0	834.3	764.8	690.8	612.9	519.0	415.6	316.3	213.8
42.5°	1187.0	1116.9	1044.4	969.8	890.3	811.6	729.0	641.0	541.8	427.7	316.8
40°	1360.2	1282.7	1199.9	1111.3	1023.0	929.6	840.5	748.0	651.4	543.7	418.6
37.5°	1537.9	1448.9	1358.9	1261.3	1160.6	1058.0	954.0	852.1	748.9	643.7	522.6
35°	1722.7	1624.3	1520.1	1413.5	1300.0	1188.4	1073.8	957.9	845.1	732.7	617.0
32.5°	1909.1	1801.2	1684.5	1566.4	1443.7	1317.9	1193.8	1068.1	939.1	819.3	698.1
30°	2097.0	1977.4	1850.4	1715.6	1581.9	1447.3	1310.7	1172.8	1034.7	901.6	775.9
27.5°	2281.5	2151.6	2013.4	1866.9	1714.0	1569.7	1422.8	1273.4	1124.7	983.0	848.0
25°	2463.5	2321.2	2167.9	2011.1	1850.8	1682.5	1526.5	1369.4	1213.0	1058.9	913.2
22.5°	2644.7	2485.5	2316.9	2144.0	1975.7	1798.6	1624.5	1457.6	1294.5	1131.2	977.0
20°	2818.4	2643.0	2461.1	2273.8	2087.6	1905.1	1717.7	1540.3	1368.0	1198.9	1036.3
17.5°	2971.7	2785.9	2594.7	2392.4	2193.5	1999.6	1805.7	1616.0	1434.5	1257.7	1090.0
15°	3113.4	2916.1	2712.8	2501.2	2289.8	2082.2	1881.8	1682.6	1494.1	1310.0	1137.6
12.5°	3241.9	3032.9	2819.7	2596.7	2374.9	2155.3	1946.6	1742.7	1546.2	1356.6	1177.8
10°	3346.9	3129.5	2908.1	2679.4	2448.4	2219.0	2000.2	1791.1	1588.2	1393.7	1211.2
7.5°	3432.2	3205.5	2975.5	2744.8	2506.8	2272.1	2045.0	1827.8	1621.0	1420.8	1237.6
5°	3498.8	3265.3	3027.1	2792.8	2548.9	2309.3	2078.4	1852.4	1644.0	1438.3	1256.5
2.5°	3544.5	3306.1	3059.2	2821.8	2576.3	2332.4	2103.2	1871.5	1660.4	1456.6	1273.1
0°	3572.2	3336.5	3083.3	2841.9	2601.2	2345.2	2120.2	1884.5	1667.4	1468.3	1281.7
-2.5°	3544.5	3306.1	3059.2	2821.8	2576.3	2332.4	2103.2	1871.5	1660.4	1456.6	1273.1
-5°	3498.8	3265.3	3027.1	2792.8	2548.9	2309.3	2078.4	1852.4	1644.0	1438.3	1256.5
-7.5°	3432.2	3205.5	2975.5	2744.8	2506.8	2272.1	2045.0	1827.8	1621.0	1420.8	1237.6
-10°	3346.9	3129.5	2908.1	2679.4	2448.4	2219.0	2000.2	1791.1	1588.2	1393.7	1211.2
-12.5°	3241.9	3032.9	2819.7	2596.7	2374.9	2155.3	1946.6	1742.7	1546.2	1356.6	1177.8
-15°	3113.4	2916.1	2712.8	2501.2	2289.8	2082.2	1881.8	1682.6	1494.1	1310.0	1137.6
-17.5°	2971.7	2785.9	2594.7	2392.4	2193.5	1999.6	1805.7	1616.0	1434.5	1257.7	1090.0
-20°	2818.4	2643.0	2461.1	2273.8	2087.6	1905.1	1717.7	1540.3	1368.0	1198.9	1036.3



REPORT NUMBER: P558619 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-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°	2644.7	2485.5	2316.9	2144.0	1975.7	1798.6	1624.5	1457.6	1294.5	1131.2	977.0
-25°	2463.5	2321.2	2167.9	2011.1	1850.8	1682.5	1526.5	1369.4	1213.0	1058.9	913.2
-27.5°	2281.5	2151.6	2013.4	1866.9	1714.0	1569.7	1422.8	1273.4	1124.7	983.0	848.0
-30°	2097.0	1977.4	1850.4	1715.6	1581.9	1447.3	1310.7	1172.8	1034.7	901.6	775.9
-32.5°	1909.1	1801.2	1684.5	1566.4	1443.7	1317.9	1193.8	1068.1	939.1	819.3	698.1
-35°	1722.7	1624.3	1520.1	1413.5	1300.0	1188.4	1073.8	957.9	845.1	732.7	617.0
-37.5°	1537.9	1448.9	1358.9	1261.3	1160.6	1058.0	954.0	852.1	748.9	643.7	522.6
-40°	1360.2	1282.7	1199.9	1111.3	1023.0	929.6	840.5	748.0	651.4	543.7	418.6
-42.5°	1187.0	1116.9	1044.4	969.8	890.3	811.6	729.0	641.0	541.8	427.7	316.8
-45°	1023.7	965.7	901.0	834.3	764.8	690.8	612.9	519.0	415.6	316.3	213.8
-47.5°	872.5	818.6	760.9	699.6	634.7	562.6	475.5	384.0	298.0	211.7	174.0
-50°	716.6	667.3	615.4	558.4	488.2	411.9	337.4	263.1	202.5	167.8	140.2
-52.5°	552.1	504.8	452.0	394.1	335.2	272.6	210.8	184.5	154.4	135.8	122.0
-55°	374.7	335.4	293.5	245.0	199.7	179.4	156.9	139.2	128.3	115.7	107.5
-57.5°	223.6	196.4	180.5	163.0	143.7	133.1	125.3	116.4	108.8	101.4	94.5
-60°	150.2	136.3	130.6	124.3	117.2	110.2	105.5	99.8	93.1	87.8	82.3
-62.5°	114.8	112.6	107.0	101.8	98.0	95.1	89.5	83.7	79.2	75.2	69.8
-65°	87.2	83.0	80.3	80.2	78.0	73.7	69.5	67.4	65.1	61.2	57.1
-67.5°	69.5	67.4	65.5	63.0	60.9	58.7	57.5	55.4	52.5	49.0	46.7
-70°	57.8	56.5	55.0	53.3	51.7	49.8	47.8	45.3	42.2	38.8	36.9
-72.5°	47.9	47.1	46.0	44.5	42.9	41.3	39.3	36.7	33.7	30.3	27.6
-75°	39.6	39.2	38.5	37.2	35.7	34.0	32.0	28.8	25.0	20.3	17.0
-77.5°	30.4	30.3	30.1	29.0	28.1	27.3	25.7	21.2	16.8	12.9	11.0
-80°	19.0	20.0	20.6	20.0	19.1	18.1	16.5	13.6	10.9	8.7	7.4
-82.5°	11.1	11.4	11.5	10.8	10.1	9.5	8.8	7.4	6.1	4.9	4.0
-85°	3.1	3.0	2.9	3.1	3.3	3.4	3.5	3.0	2.6	2.3	2.1
-87.5°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.7	0.7	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558619 (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°	0.7	0.7	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.6	0.5
85°	2.1	2.0	1.9	1.7	1.6	1.4	1.4	1.4	1.3	1.2	1.0
82.5°	4.0	4.1	4.1	4.0	4.0	3.8	3.6	3.2	2.5	1.8	1.5
80°	8.3	8.8	8.8	8.2	7.2	6.2	6.0	5.5	4.6	3.6	2.7
77.5°	12.6	13.9	14.6	14.3	12.7	11.2	9.8	8.2	6.6	5.4	4.3
75°	17.3	18.9	20.1	20.1	18.4	16.2	14.2	12.2	9.8	7.3	5.8
72.5°	26.2	25.6	25.8	25.9	24.5	22.3	19.4	16.1	13.3	10.5	7.6
70°	35.1	32.8	31.2	31.0	30.2	28.6	25.8	21.4	16.8	13.6	10.3
67.5°	44.5	42.2	39.2	36.6	35.6	34.2	32.0	27.0	21.5	16.7	13.0
65°	54.2	51.4	48.6	44.8	41.8	39.8	37.6	32.2	26.0	20.5	15.7
62.5°	64.7	60.2	56.6	52.4	48.4	45.4	43.0	37.2	30.4	24.1	18.5
60°	76.3	70.5	64.6	59.6	54.9	50.7	47.3	42.2	35.2	27.5	21.4
57.5°	88.1	81.0	73.6	67.0	61.5	56.2	51.3	46.4	39.9	31.7	23.9
55°	99.9	92.0	82.6	74.6	67.9	62.1	55.7	50.2	44.4	36.1	25.9
52.5°	111.3	102.3	92.3	82.3	74.2	67.6	60.5	54.0	47.9	40.4	28.8
50°	125.2	112.2	101.7	90.9	80.4	72.6	65.0	58.0	51.4	44.4	31.6
47.5°	141.3	124.9	111.0	99.3	87.9	77.6	69.5	61.8	54.9	47.5	33.9
45°	173.5	139.3	121.9	107.9	95.0	83.6	74.0	65.3	58.0	48.8	35.9
42.5°	210.2	166.2	134.6	116.4	102.7	89.6	78.4	69.1	60.9	49.7	37.1
40°	298.7	199.7	151.8	127.7	110.4	95.3	83.4	73.0	63.3	50.3	37.5
37.5°	389.5	262.0	182.1	138.7	118.5	102.1	88.1	76.7	64.4	50.8	37.6
35°	481.7	343.5	211.8	158.6	128.3	108.8	92.4	80.4	66.7	51.3	37.4
32.5°	569.2	422.2	279.8	184.9	137.7	115.2	97.4	84.1	69.7	51.8	36.9
30°	644.2	498.6	347.2	210.0	150.8	123.2	103.0	87.6	73.3	52.3	36.4
27.5°	712.5	569.9	410.6	258.7	172.5	130.9	108.3	90.9	77.4	53.6	36.5
25°	775.3	630.8	471.7	312.1	192.8	138.2	113.1	94.0	80.7	56.4	36.5
22.5°	830.8	684.9	527.7	360.7	211.1	145.3	118.2	98.0	83.1	59.3	36.4
20°	880.6	734.2	578.5	405.7	241.3	160.5	123.8	101.5	85.4	62.3	36.2
17.5°	925.4	777.0	621.3	448.3	277.4	173.9	128.8	104.6	87.4	65.3	35.9
15°	969.1	813.4	657.6	485.9	309.2	185.6	133.4	107.2	89.2	68.3	35.7
12.5°	1005.9	844.5	688.2	518.5	336.5	195.4	137.4	109.4	90.8	70.9	35.5
10°	1035.3	870.1	713.1	545.7	359.2	203.4	140.8	111.1	91.9	73.1	34.8
7.5°	1057.6	890.2	732.3	567.5	377.2	210.0	142.9	112.0	92.9	74.9	33.7
5°	1073.6	905.3	746.3	583.6	390.1	215.4	144.3	112.5	93.6	76.1	32.3
2.5°	1086.9	916.0	755.1	593.9	398.0	219.1	145.0	112.5	94.0	76.7	30.6
0°	1093.4	920.8	758.4	598.3	400.9	221.0	144.9	112.2	94.2	76.7	28.8
-2.5°	1086.9	916.0	755.1	593.9	398.0	219.1	145.0	112.5	94.0	76.7	30.6
-5°	1073.6	905.3	746.3	583.6	390.1	215.4	144.3	112.5	93.6	76.1	32.3
-7.5°	1057.6	890.2	732.3	567.5	377.2	210.0	142.9	112.0	92.9	74.9	33.7
-10°	1035.3	870.1	713.1	545.7	359.2	203.4	140.8	111.1	91.9	73.1	34.8
-12.5°	1005.9	844.5	688.2	518.5	336.5	195.4	137.4	109.4	90.8	70.9	35.5
-15°	969.1	813.4	657.6	485.9	309.2	185.6	133.4	107.2	89.2	68.3	35.7
-17.5°	925.4	777.0	621.3	448.3	277.4	173.9	128.8	104.6	87.4	65.3	35.9
-20°	880.6	734.2	578.5	405.7	241.3	160.5	123.8	101.5	85.4	62.3	36.2



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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°	830.8	684.9	527.7	360.7	211.1	145.3	118.2	98.0	83.1	59.3	36.4
-25°	775.3	630.8	471.7	312.1	192.8	138.2	113.1	94.0	80.7	56.4	36.5
-27.5°	712.5	569.9	410.6	258.7	172.5	130.9	108.3	90.9	77.4	53.6	36.5
-30°	644.2	498.6	347.2	210.0	150.8	123.2	103.0	87.6	73.3	52.3	36.4
-32.5°	569.2	422.2	279.8	184.9	137.7	115.2	97.4	84.1	69.7	51.8	36.9
-35°	481.7	343.5	211.8	158.6	128.3	108.8	92.4	80.4	66.7	51.3	37.4
-37.5°	389.5	262.0	182.1	138.7	118.5	102.1	88.1	76.7	64.4	50.8	37.6
-40°	298.7	199.7	151.8	127.7	110.4	95.3	83.4	73.0	63.3	50.3	37.5
-42.5°	210.2	166.2	134.6	116.4	102.7	89.6	78.4	69.1	60.9	49.7	37.1
-45°	173.5	139.3	121.9	107.9	95.0	83.6	74.0	65.3	58.0	48.8	35.9
-47.5°	141.3	124.9	111.0	99.3	87.9	77.6	69.5	61.8	54.9	47.5	33.9
-50°	125.2	112.2	101.7	90.9	80.4	72.6	65.0	58.0	51.4	44.4	31.6
-52.5°	111.3	102.3	92.3	82.3	74.2	67.6	60.5	54.0	47.9	40.4	28.8
-55°	99.9	92.0	82.6	74.6	67.9	62.1	55.7	50.2	44.4	36.1	25.9
-57.5°	88.1	81.0	73.6	67.0	61.5	56.2	51.3	46.4	39.9	31.7	23.9
-60°	76.3	70.5	64.6	59.6	54.9	50.7	47.3	42.2	35.2	27.5	21.4
-62.5°	64.7	60.2	56.6	52.4	48.4	45.4	43.0	37.2	30.4	24.1	18.5
-65°	54.2	51.4	48.6	44.8	41.8	39.8	37.6	32.2	26.0	20.5	15.7
-67.5°	44.5	42.2	39.2	36.6	35.6	34.2	32.0	27.0	21.5	16.7	13.0
-70°	35.1	32.8	31.2	31.0	30.2	28.6	25.8	21.4	16.8	13.6	10.3
-72.5°	26.2	25.6	25.8	25.9	24.5	22.3	19.4	16.1	13.3	10.5	7.6
-75°	17.3	18.9	20.1	20.1	18.4	16.2	14.2	12.2	9.8	7.3	5.8
-77.5°	12.6	13.9	14.6	14.3	12.7	11.2	9.8	8.2	6.6	5.4	4.3
-80°	8.3	8.8	8.8	8.2	7.2	6.2	6.0	5.5	4.6	3.6	2.7
-82.5°	4.0	4.1	4.1	4.0	4.0	3.8	3.6	3.2	2.5	1.8	1.5
-85°	2.1	2.0	1.9	1.7	1.6	1.4	1.4	1.4	1.3	1.2	1.0
-87.5°	0.7	0.7	0.7	0.6	0.7	0.7	0.7	0.7	0.7	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



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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	0.4	0.3	0.2	0.1	0.1	0.0
85°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
82.5°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
80°	1.9	1.5	1.2	0.9	0.6	0.3	0.0
77.5°	3.1	2.0	1.5	1.1	0.7	0.4	0.0
75°	4.4	2.9	1.8	1.3	0.9	0.4	0.0
72.5°	5.6	3.8	2.4	1.5	1.0	0.5	0.0
70°	6.8	4.6	3.0	1.8	1.2	0.6	0.0
67.5°	8.9	5.4	3.5	2.1	1.3	0.7	0.0
65°	10.9	6.5	4.0	2.4	1.4	0.7	0.0
62.5°	12.7	7.7	4.5	2.7	1.6	0.8	0.0
60°	14.3	8.9	4.9	3.0	1.7	0.8	0.0
57.5°	16.0	10.0	5.6	3.3	1.9	0.9	0.0
55°	17.5	10.9	6.3	3.5	2.0	1.0	0.0
52.5°	18.7	11.8	6.8	3.7	2.2	1.0	0.0
50°	19.8	12.5	7.3	3.9	2.3	1.1	0.0
47.5°	20.8	13.2	7.7	4.1	2.5	1.1	0.0
45°	22.4	13.6	8.1	4.4	2.6	1.2	0.0
42.5°	23.8	13.9	8.3	4.5	2.7	1.3	0.0
40°	24.9	14.1	8.4	4.8	2.9	1.3	0.0
37.5°	25.8	14.1	8.5	5.0	3.0	1.3	0.0
35°	26.3	14.4	8.5	5.2	3.1	1.4	0.0
32.5°	26.4	14.8	8.3	5.4	3.2	1.4	0.0
30°	25.9	15.0	8.1	5.6	3.3	1.5	0.0
27.5°	25.2	15.0	8.3	5.8	3.4	1.5	0.0
25°	24.3	14.8	8.6	6.0	3.5	1.5	0.0
22.5°	23.2	14.8	8.8	6.1	3.6	1.6	0.0
20°	21.9	15.5	9.0	6.3	3.6	1.6	0.0
17.5°	21.7	16.1	9.2	6.4	3.7	1.6	0.0
15°	22.1	16.6	9.4	6.5	3.7	1.6	0.0
12.5°	22.5	17.0	9.6	6.6	3.8	1.7	0.0
10°	22.9	17.4	9.7	6.7	3.8	1.7	0.0
7.5°	23.2	17.6	9.9	6.7	3.9	1.7	0.0
5°	23.4	17.8	10.0	6.8	3.9	1.7	0.0
2.5°	23.6	18.0	10.0	6.8	3.9	1.7	0.0
0°	23.7	18.0	10.1	6.8	3.9	1.7	0.0
-2.5°	23.6	18.0	10.0	6.8	3.9	1.7	0.0
-5°	23.4	17.8	10.0	6.8	3.9	1.7	0.0
-7.5°	23.2	17.6	9.9	6.7	3.9	1.7	0.0
-10°	22.9	17.4	9.7	6.7	3.8	1.7	0.0
-12.5°	22.5	17.0	9.6	6.6	3.8	1.7	0.0
-15°	22.1	16.6	9.4	6.5	3.7	1.6	0.0
-17.5°	21.7	16.1	9.2	6.4	3.7	1.6	0.0
-20°	21.9	15.5	9.0	6.3	3.6	1.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	23.2	14.8	8.8	6.1	3.6	1.6	0.0
-25°	24.3	14.8	8.6	6.0	3.5	1.5	0.0
-27.5°	25.2	15.0	8.3	5.8	3.4	1.5	0.0
-30°	25.9	15.0	8.1	5.6	3.3	1.5	0.0
-32.5°	26.4	14.8	8.3	5.4	3.2	1.4	0.0
-35°	26.3	14.4	8.5	5.2	3.1	1.4	0.0
-37.5°	25.8	14.1	8.5	5.0	3.0	1.3	0.0
-40°	24.9	14.1	8.4	4.8	2.9	1.3	0.0
-42.5°	23.8	13.9	8.3	4.5	2.7	1.3	0.0
-45°	22.4	13.6	8.1	4.4	2.6	1.2	0.0
-47.5°	20.8	13.2	7.7	4.1	2.5	1.1	0.0
-50°	19.8	12.5	7.3	3.9	2.3	1.1	0.0
-52.5°	18.7	11.8	6.8	3.7	2.2	1.0	0.0
-55°	17.5	10.9	6.3	3.5	2.0	1.0	0.0
-57.5°	16.0	10.0	5.6	3.3	1.9	0.9	0.0
-60°	14.3	8.9	4.9	3.0	1.7	0.8	0.0
-62.5°	12.7	7.7	4.5	2.7	1.6	0.8	0.0
-65°	10.9	6.5	4.0	2.4	1.4	0.7	0.0
-67.5°	8.9	5.4	3.5	2.1	1.3	0.7	0.0
-70°	6.8	4.6	3.0	1.8	1.2	0.6	0.0
-72.5°	5.6	3.8	2.4	1.5	1.0	0.5	0.0
-75°	4.4	2.9	1.8	1.3	0.9	0.4	0.0
-77.5°	3.1	2.0	1.5	1.1	0.7	0.4	0.0
-80°	1.9	1.5	1.2	0.9	0.6	0.3	0.0
-82.5°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
-85°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
-87.5°	0.4	0.4	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)