

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: P558533 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-930-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558533 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1C-930-U-MWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (16) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

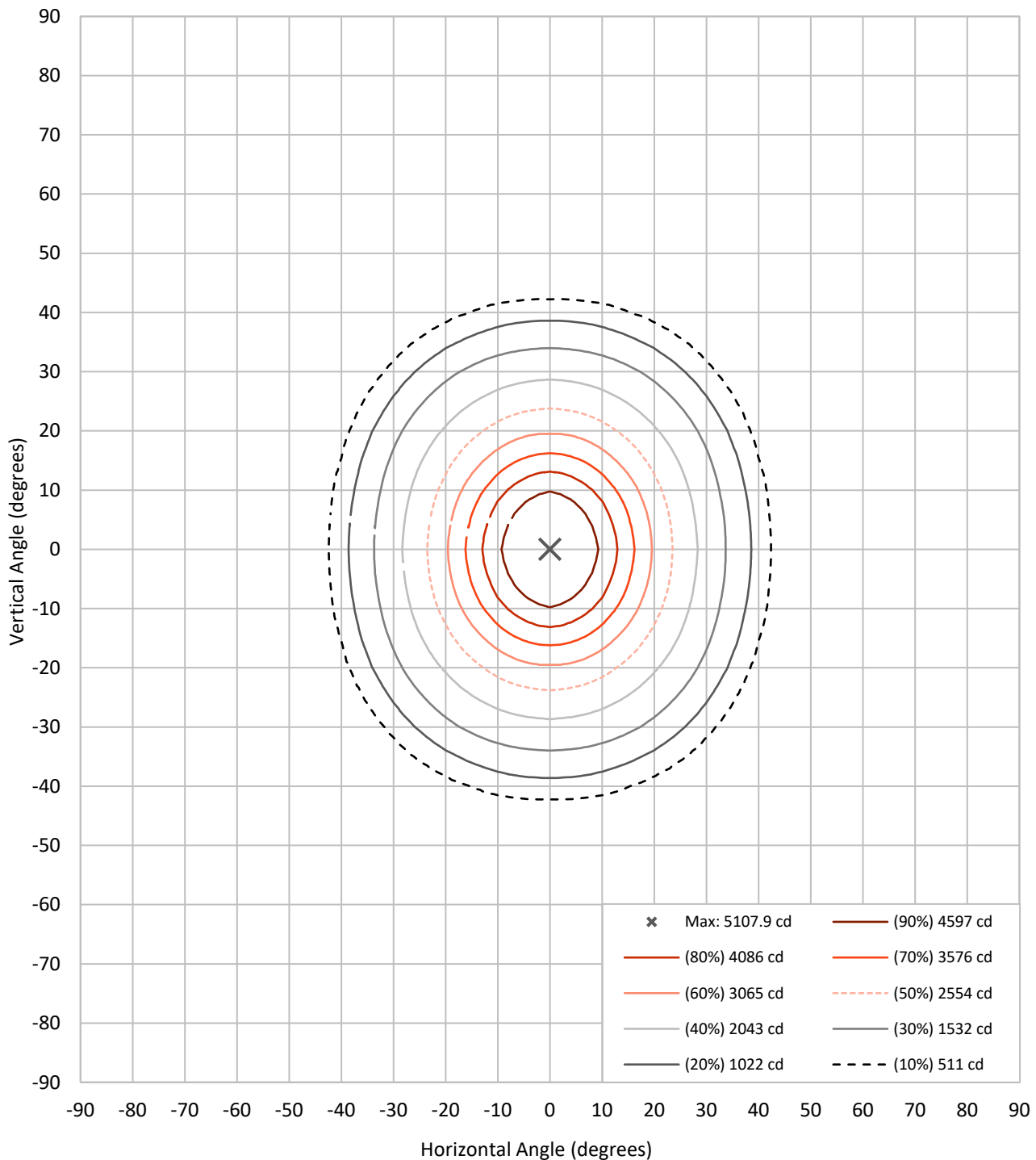
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	3976.2 lumens	Max Intensity:	5107.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	90.4 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	1876.2 lumens	Field Lumens:	3610.4 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 44
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



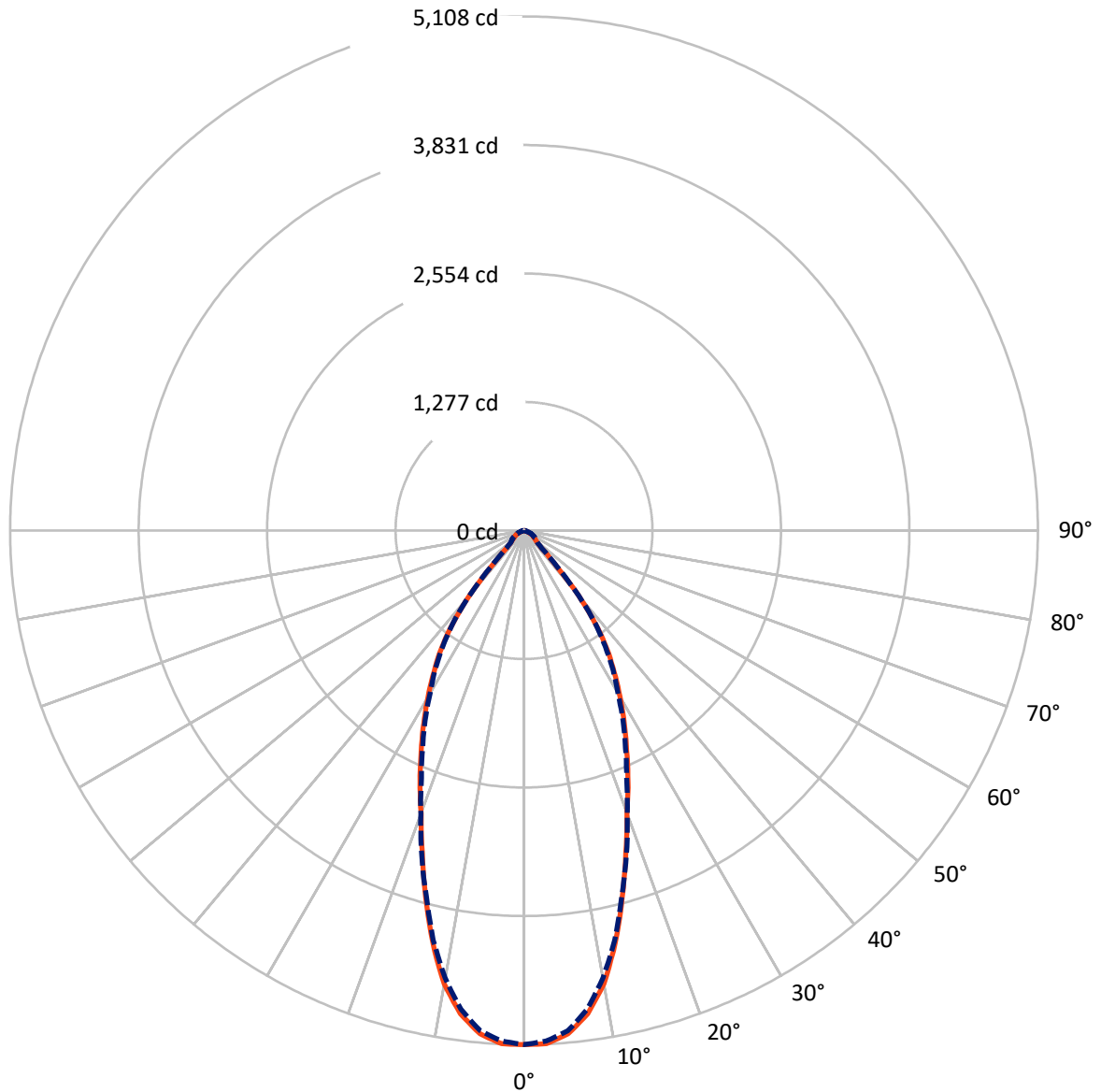
REPORT NUMBER: P558533 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-930-U-MWR-XX

Iso-Candela Plot



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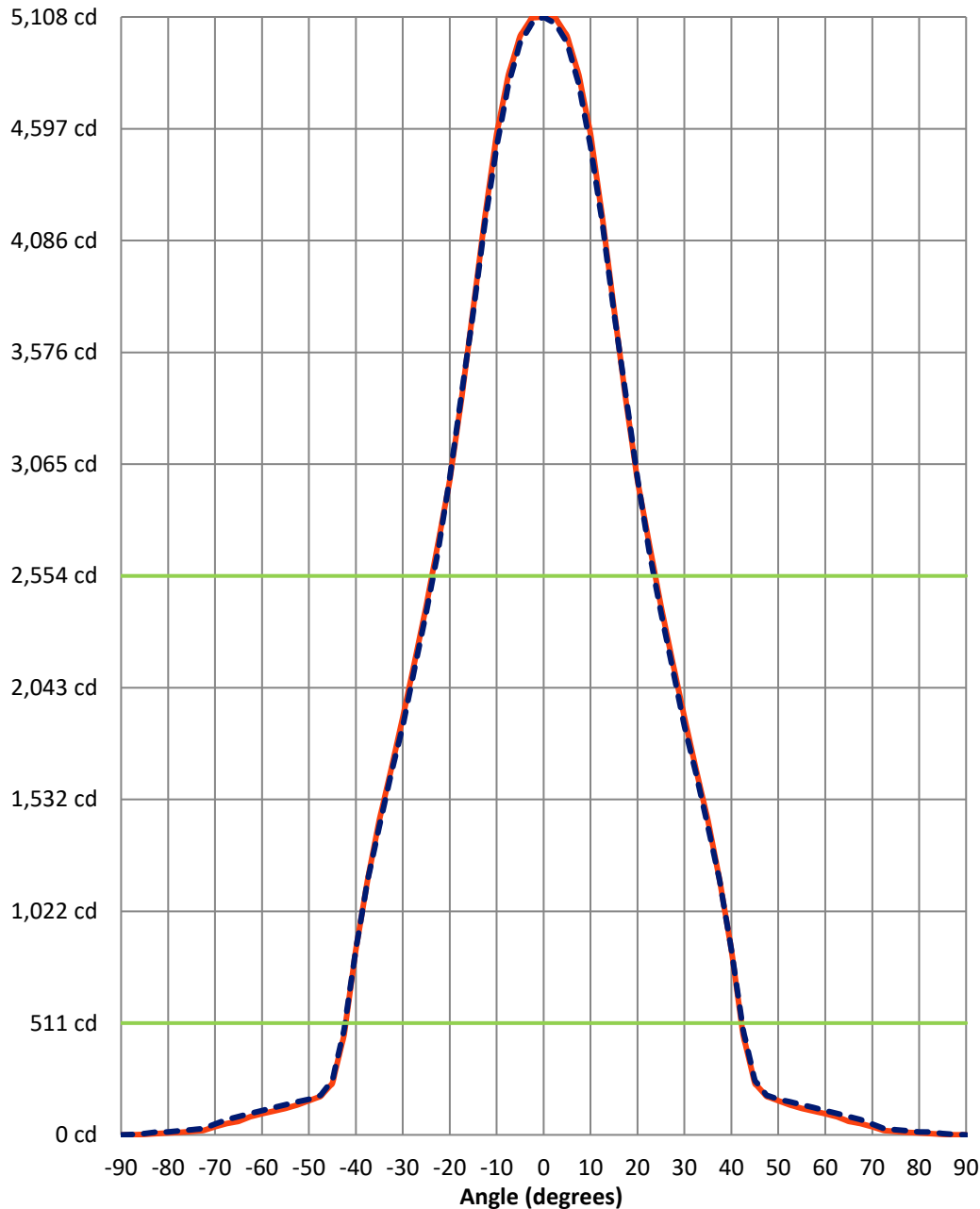
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 47°
 V Angle: 47.6°
 Lumens: 1876.2
 Efficiency: 47.2%

Field:
 H Angle: 84.6°
 V Angle: 84.3°
 Lumens: 3610.4
 Efficiency: 90.8%

Spill:
 Lumens: 365.8
 Efficiency: 9.2%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.7	0.8	0.9	0.9	1.0
85°	0.0	0.2	0.3	0.5	0.8	1.1	1.4	1.6	1.7	1.8	1.9
82.5°	0.0	0.2	0.5	0.8	1.2	1.6	2.1	2.3	2.6	3.1	3.5
80°	0.0	0.3	0.7	1.1	1.6	2.1	2.9	3.8	4.5	5.1	5.5
77.5°	0.0	0.4	0.8	1.4	2.0	2.9	4.5	5.6	6.5	7.1	7.6
75°	0.0	0.5	1.0	1.6	2.4	4.2	6.1	7.4	8.4	9.5	10.3
72.5°	0.0	0.6	1.1	1.9	3.3	5.4	7.7	9.4	10.9	12.1	12.9
70°	0.0	0.6	1.3	2.2	4.2	6.6	9.2	11.7	13.3	14.7	16.8
67.5°	0.0	0.7	1.5	2.8	5.1	7.7	11.0	14.0	15.8	18.0	20.8
65°	0.0	0.8	1.6	3.4	5.9	8.9	12.8	16.3	18.4	21.2	24.5
62.5°	0.0	0.9	1.8	3.9	6.7	10.2	14.5	18.3	20.9	24.2	28.0
60°	0.0	0.9	1.9	4.4	7.5	11.5	16.1	20.2	23.2	27.3	31.4
57.5°	0.0	1.0	2.2	5.0	8.3	12.6	17.1	21.9	25.9	30.4	34.3
55°	0.0	1.1	2.6	5.5	9.2	13.8	18.0	23.1	28.5	33.2	37.1
52.5°	0.0	1.2	2.9	5.9	9.9	14.7	18.8	24.7	31.1	35.7	39.7
50°	0.0	1.2	3.2	6.3	10.7	15.2	19.5	26.3	33.6	38.0	42.7
47.5°	0.0	1.3	3.5	6.8	11.4	15.5	20.0	27.6	35.6	40.3	45.6
45°	0.0	1.3	3.8	7.2	12.0	15.8	21.0	28.8	36.7	42.8	48.5
42.5°	0.0	1.4	4.0	7.7	12.5	16.0	21.8	29.6	37.5	45.3	51.3
40°	0.0	1.5	4.3	8.1	12.8	16.1	22.5	30.2	38.2	47.4	54.1
37.5°	0.0	1.5	4.5	8.6	12.9	16.1	23.0	30.5	39.0	48.5	56.7
35°	0.0	1.6	4.7	9.0	12.8	16.3	23.4	30.7	39.6	50.0	59.3
32.5°	0.0	1.6	4.9	9.4	12.8	16.5	23.6	30.8	40.2	51.9	61.6
30°	0.0	1.6	5.1	9.8	12.6	16.7	23.6	30.8	40.6	54.1	63.9
27.5°	0.0	1.7	5.3	10.2	12.8	16.7	23.4	31.0	41.4	56.6	66.1
25°	0.0	1.7	5.4	10.6	12.9	16.7	23.2	31.1	43.1	58.6	68.3
22.5°	0.0	1.8	5.6	11.0	13.0	16.7	22.8	31.1	44.8	60.3	71.0
20°	0.0	1.8	5.7	11.3	13.1	17.1	22.3	30.9	46.6	61.9	73.4
17.5°	0.0	1.8	5.8	11.6	13.2	17.5	22.4	30.6	48.3	63.4	75.6
15°	0.0	1.8	5.9	11.9	13.3	17.9	22.7	30.5	50.0	64.7	77.5
12.5°	0.0	1.9	6.0	12.2	13.3	18.2	23.0	30.6	51.1	65.9	79.2
10°	0.0	1.9	6.0	12.4	13.4	18.4	23.2	30.6	51.6	66.8	80.6
7.5°	0.0	1.9	6.1	12.6	13.4	18.6	23.3	30.3	51.7	67.8	81.8
5°	0.0	1.9	6.1	12.8	13.4	18.7	23.4	29.9	51.3	68.7	82.7
2.5°	0.0	1.9	6.1	12.9	13.4	18.8	23.4	29.4	50.6	69.4	83.3
0°	0.0	1.9	6.1	13.0	13.4	18.8	23.4	28.8	49.5	69.8	83.6
-2.5°	0.0	1.9	6.1	12.9	13.4	18.8	23.4	29.4	50.6	69.4	83.3
-5°	0.0	1.9	6.1	12.8	13.4	18.7	23.4	29.9	51.3	68.7	82.7
-7.5°	0.0	1.9	6.1	12.6	13.4	18.6	23.3	30.3	51.7	67.8	81.8
-10°	0.0	1.9	6.0	12.4	13.4	18.4	23.2	30.6	51.6	66.8	80.6
-12.5°	0.0	1.9	6.0	12.2	13.3	18.2	23.0	30.6	51.1	65.9	79.2
-15°	0.0	1.8	5.9	11.9	13.3	17.9	22.7	30.5	50.0	64.7	77.5
-17.5°	0.0	1.8	5.8	11.6	13.2	17.5	22.4	30.6	48.3	63.4	75.6
-20°	0.0	1.8	5.7	11.3	13.1	17.1	22.3	30.9	46.6	61.9	73.4



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 CATALOG NUMBER: GFLD-SA1C-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.8	5.6	11.0	13.0	16.7	22.8	31.1	44.8	60.3	71.0
-25°	0.0	1.7	5.4	10.6	12.9	16.7	23.2	31.1	43.1	58.6	68.3
-27.5°	0.0	1.7	5.3	10.2	12.8	16.7	23.4	31.0	41.4	56.6	66.1
-30°	0.0	1.6	5.1	9.8	12.6	16.7	23.6	30.8	40.6	54.1	63.9
-32.5°	0.0	1.6	4.9	9.4	12.8	16.5	23.6	30.8	40.2	51.9	61.6
-35°	0.0	1.6	4.7	9.0	12.8	16.3	23.4	30.7	39.6	50.0	59.3
-37.5°	0.0	1.5	4.5	8.6	12.9	16.1	23.0	30.5	39.0	48.5	56.7
-40°	0.0	1.5	4.3	8.1	12.8	16.1	22.5	30.2	38.2	47.4	54.1
-42.5°	0.0	1.4	4.0	7.7	12.5	16.0	21.8	29.6	37.5	45.3	51.3
-45°	0.0	1.3	3.8	7.2	12.0	15.8	21.0	28.8	36.7	42.8	48.5
-47.5°	0.0	1.3	3.5	6.8	11.4	15.5	20.0	27.6	35.6	40.3	45.6
-50°	0.0	1.2	3.2	6.3	10.7	15.2	19.5	26.3	33.6	38.0	42.7
-52.5°	0.0	1.2	2.9	5.9	9.9	14.7	18.8	24.7	31.1	35.7	39.7
-55°	0.0	1.1	2.6	5.5	9.2	13.8	18.0	23.1	28.5	33.2	37.1
-57.5°	0.0	1.0	2.2	5.0	8.3	12.6	17.1	21.9	25.9	30.4	34.3
-60°	0.0	0.9	1.9	4.4	7.5	11.5	16.1	20.2	23.2	27.3	31.4
-62.5°	0.0	0.9	1.8	3.9	6.7	10.2	14.5	18.3	20.9	24.2	28.0
-65°	0.0	0.8	1.6	3.4	5.9	8.9	12.8	16.3	18.4	21.2	24.5
-67.5°	0.0	0.7	1.5	2.8	5.1	7.7	11.0	14.0	15.8	18.0	20.8
-70°	0.0	0.6	1.3	2.2	4.2	6.6	9.2	11.7	13.3	14.7	16.8
-72.5°	0.0	0.6	1.1	1.9	3.3	5.4	7.7	9.4	10.9	12.1	12.9
-75°	0.0	0.5	1.0	1.6	2.4	4.2	6.1	7.4	8.4	9.5	10.3
-77.5°	0.0	0.4	0.8	1.4	2.0	2.9	4.5	5.6	6.5	7.1	7.6
-80°	0.0	0.3	0.7	1.1	1.6	2.1	2.9	3.8	4.5	5.1	5.5
-82.5°	0.0	0.2	0.5	0.8	1.2	1.6	2.1	2.3	2.6	3.1	3.5
-85°	0.0	0.2	0.3	0.5	0.8	1.1	1.4	1.6	1.7	1.8	1.9
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.7	0.8	0.9	0.9	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558533 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.0	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.6	0.6	0.6
85°	1.9	1.9	2.0	2.2	2.2	2.2	2.2	2.1	2.4	2.7	3.1
82.5°	3.9	4.2	4.5	4.8	4.8	4.7	4.5	4.4	5.1	5.9	6.8
80°	6.0	6.5	7.2	8.0	8.2	8.2	7.9	7.5	8.4	9.8	11.3
77.5°	8.6	9.6	10.7	11.8	12.0	11.8	11.3	10.5	11.7	13.9	16.3
75°	11.4	12.7	14.4	15.7	16.0	15.5	14.8	14.1	15.5	18.2	20.8
72.5°	14.9	17.0	18.7	19.9	19.9	19.5	19.1	18.8	20.4	23.6	26.3
70°	19.3	21.5	22.8	23.5	23.6	23.9	25.0	26.0	27.6	30.4	32.6
67.5°	23.8	25.5	26.6	27.4	29.1	30.7	32.2	33.7	35.5	37.8	39.5
65°	27.7	29.4	31.0	33.0	35.4	37.3	39.3	41.4	43.9	46.1	47.7
62.5°	31.5	33.4	35.6	38.2	41.0	43.6	46.5	49.5	52.4	54.9	57.7
60°	34.7	37.3	40.2	43.3	46.7	50.6	54.1	57.6	60.8	63.9	67.8
57.5°	37.8	41.2	44.7	48.5	52.9	57.7	61.8	65.6	69.6	74.2	78.0
55°	41.0	45.3	49.3	53.9	59.2	64.8	69.4	73.7	78.7	84.1	88.4
52.5°	44.4	49.1	53.9	59.4	65.7	71.4	76.2	81.6	87.6	93.5	98.4
50°	47.7	53.0	58.5	65.5	71.8	77.2	83.1	89.6	95.9	102.0	107.8
47.5°	51.1	56.7	64.0	71.2	77.0	83.4	90.3	97.0	103.6	110.0	116.1
45°	54.4	61.1	69.2	75.9	82.5	89.7	96.9	103.9	110.9	117.6	124.3
42.5°	57.6	65.3	73.5	80.5	88.1	95.7	103.2	110.6	118.0	125.2	132.3
40°	61.1	69.2	77.8	85.5	93.4	101.3	109.2	117.0	124.8	132.4	140.0
37.5°	64.3	73.3	82.2	90.3	98.3	106.6	114.9	123.2	131.4	139.4	148.0
35°	67.2	77.3	86.3	94.8	103.3	111.7	120.5	129.2	137.8	146.5	157.4
32.5°	70.4	81.4	90.2	99.2	108.0	116.6	125.7	135.0	144.1	154.2	170.0
30°	74.0	84.9	94.0	103.4	112.4	121.5	130.9	140.6	150.2	165.9	202.3
27.5°	77.5	88.0	97.6	107.2	116.5	125.9	135.8	145.8	159.2	183.4	242.4
25°	80.8	91.0	101.0	110.8	120.3	130.1	140.3	150.7	168.9	217.7	348.1
22.5°	83.6	93.9	104.3	114.0	123.8	133.9	144.5	158.3	186.4	252.4	465.8
20°	85.9	96.7	107.3	117.4	127.0	137.3	148.3	165.5	213.0	351.4	606.8
17.5°	88.1	99.3	110.1	120.6	130.7	140.8	152.1	171.7	236.9	437.5	748.5
15°	90.1	101.5	112.7	123.6	134.1	144.6	158.1	189.4	285.3	522.9	874.8
12.5°	91.9	103.5	115.0	126.4	137.1	148.0	163.5	207.0	344.6	623.2	961.0
10°	93.5	105.2	117.1	129.0	139.8	151.0	168.0	221.4	393.3	705.6	1030.2
7.5°	95.0	106.9	119.0	131.2	142.1	153.5	171.7	232.7	431.0	767.8	1085.5
5°	96.2	108.4	121.3	133.7	145.0	156.3	174.9	240.8	457.4	809.6	1125.7
2.5°	97.1	109.8	123.3	135.9	148.2	159.7	178.5	246.8	474.5	836.2	1151.5
0°	97.8	110.8	125.0	137.7	151.1	162.6	181.4	249.6	480.9	845.9	1161.2
-2.5°	97.1	109.8	123.3	135.9	148.2	159.7	178.5	246.8	474.5	836.2	1151.5
-5°	96.2	108.4	121.3	133.7	145.0	156.3	174.9	240.8	457.4	809.6	1125.7
-7.5°	95.0	106.9	119.0	131.2	142.1	153.5	171.7	232.7	431.0	767.8	1085.5
-10°	93.5	105.2	117.1	129.0	139.8	151.0	168.0	221.4	393.3	705.6	1030.2
-12.5°	91.9	103.5	115.0	126.4	137.1	148.0	163.5	207.0	344.6	623.2	961.0
-15°	90.1	101.5	112.7	123.6	134.1	144.6	158.1	189.4	285.3	522.9	874.8
-17.5°	88.1	99.3	110.1	120.6	130.7	140.8	152.1	171.7	236.9	437.5	748.5
-20°	85.9	96.7	107.3	117.4	127.0	137.3	148.3	165.5	213.0	351.4	606.8



REPORT NUMBER: P558533 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	83.6	93.9	104.3	114.0	123.8	133.9	144.5	158.3	186.4	252.4	465.8
-25°	80.8	91.0	101.0	110.8	120.3	130.1	140.3	150.7	168.9	217.7	348.1
-27.5°	77.5	88.0	97.6	107.2	116.5	125.9	135.8	145.8	159.2	183.4	242.4
-30°	74.0	84.9	94.0	103.4	112.4	121.5	130.9	140.6	150.2	165.9	202.3
-32.5°	70.4	81.4	90.2	99.2	108.0	116.6	125.7	135.0	144.1	154.2	170.0
-35°	67.2	77.3	86.3	94.8	103.3	111.7	120.5	129.2	137.8	146.5	157.4
-37.5°	64.3	73.3	82.2	90.3	98.3	106.6	114.9	123.2	131.4	139.4	148.0
-40°	61.1	69.2	77.8	85.5	93.4	101.3	109.2	117.0	124.8	132.4	140.0
-42.5°	57.6	65.3	73.5	80.5	88.1	95.7	103.2	110.6	118.0	125.2	132.3
-45°	54.4	61.1	69.2	75.9	82.5	89.7	96.9	103.9	110.9	117.6	124.3
-47.5°	51.1	56.7	64.0	71.2	77.0	83.4	90.3	97.0	103.6	110.0	116.1
-50°	47.7	53.0	58.5	65.5	71.8	77.2	83.1	89.6	95.9	102.0	107.8
-52.5°	44.4	49.1	53.9	59.4	65.7	71.4	76.2	81.6	87.6	93.5	98.4
-55°	41.0	45.3	49.3	53.9	59.2	64.8	69.4	73.7	78.7	84.1	88.4
-57.5°	37.8	41.2	44.7	48.5	52.9	57.7	61.8	65.6	69.6	74.2	78.0
-60°	34.7	37.3	40.2	43.3	46.7	50.6	54.1	57.6	60.8	63.9	67.8
-62.5°	31.5	33.4	35.6	38.2	41.0	43.6	46.5	49.5	52.4	54.9	57.7
-65°	27.7	29.4	31.0	33.0	35.4	37.3	39.3	41.4	43.9	46.1	47.7
-67.5°	23.8	25.5	26.6	27.4	29.1	30.7	32.2	33.7	35.5	37.8	39.5
-70°	19.3	21.5	22.8	23.5	23.6	23.9	25.0	26.0	27.6	30.4	32.6
-72.5°	14.9	17.0	18.7	19.9	19.9	19.5	19.1	18.8	20.4	23.6	26.3
-75°	11.4	12.7	14.4	15.7	16.0	15.5	14.8	14.1	15.5	18.2	20.8
-77.5°	8.6	9.6	10.7	11.8	12.0	11.8	11.3	10.5	11.7	13.9	16.3
-80°	6.0	6.5	7.2	8.0	8.2	8.2	7.9	7.5	8.4	9.8	11.3
-82.5°	3.9	4.2	4.5	4.8	4.8	4.7	4.5	4.4	5.1	5.9	6.8
-85°	1.9	1.9	2.0	2.2	2.2	2.2	2.2	2.1	2.4	2.7	3.1
-87.5°	1.0	1.0	0.9	0.9	0.8	0.7	0.7	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: P558533 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-U-MWR-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°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.7	0.6
85°	3.5	3.4	3.2	3.0	2.7	2.8	3.0	3.2	3.3	3.1	2.8
82.5°	7.7	7.8	7.8	7.8	7.8	8.1	8.5	8.7	9.0	8.3	7.5
80°	13.0	13.6	14.0	14.3	14.6	14.6	14.4	14.1	13.6	12.5	11.2
77.5°	18.8	19.8	20.3	20.8	21.3	21.4	21.6	21.7	21.9	19.8	17.2
75°	23.3	24.8	25.6	26.4	27.1	27.6	27.8	27.9	28.0	25.5	22.4
72.5°	28.5	29.9	30.9	31.9	32.8	33.4	33.7	34.0	34.2	32.1	29.0
70°	34.2	35.3	36.5	37.7	38.8	39.6	40.1	40.5	40.8	40.6	40.4
67.5°	40.8	41.8	43.3	44.5	45.6	46.4	47.3	48.0	48.5	49.1	49.7
65°	49.2	51.6	53.7	54.8	55.0	56.2	58.1	59.4	60.0	60.5	61.1
62.5°	60.9	63.8	65.3	67.2	69.6	71.8	72.6	73.7	75.1	76.7	78.6
60°	70.9	73.3	75.8	78.3	80.5	82.3	84.3	86.3	88.0	89.7	91.3
57.5°	81.2	83.7	86.2	89.2	91.3	92.5	94.5	96.8	98.6	100.0	102.2
55°	91.8	95.1	98.5	101.2	103.2	104.5	106.0	108.2	109.5	110.0	112.5
52.5°	102.4	106.4	110.6	113.8	115.8	117.8	119.5	121.5	122.9	123.6	126.0
50°	112.3	117.1	121.7	125.8	128.6	131.8	135.5	137.2	138.4	139.7	142.4
47.5°	121.7	127.0	132.0	136.7	140.7	144.2	147.3	150.4	154.8	158.4	161.8
45°	130.7	136.4	141.8	147.0	151.4	158.5	165.2	171.0	186.3	199.1	209.0
42.5°	139.2	146.1	152.2	160.8	170.2	186.5	211.7	235.1	280.2	338.3	386.8
40°	148.1	157.0	167.9	184.7	216.6	249.3	347.2	434.4	520.1	617.7	701.3
37.5°	158.5	171.8	203.9	241.9	344.0	456.9	595.6	731.7	850.2	951.7	1036.4
35°	172.2	213.4	273.2	411.8	562.6	747.8	907.6	1035.7	1152.8	1246.8	1317.5
32.5°	212.6	288.0	446.2	636.7	844.2	1023.0	1178.7	1301.3	1408.2	1492.4	1557.9
30°	271.8	445.0	659.8	888.0	1094.6	1265.4	1409.3	1526.1	1621.5	1707.2	1779.2
27.5°	412.4	635.2	887.7	1120.5	1308.4	1468.3	1597.4	1713.1	1818.3	1908.6	1993.6
25°	566.2	842.1	1096.7	1308.6	1484.0	1634.0	1770.1	1896.7	2014.5	2120.1	2219.0
22.5°	750.9	1026.1	1269.4	1465.6	1635.5	1789.6	1934.2	2075.1	2212.1	2341.0	2460.7
20°	918.2	1188.2	1400.5	1596.3	1772.9	1933.5	2092.8	2257.1	2415.2	2570.4	2714.6
17.5°	1048.6	1299.8	1512.9	1711.4	1891.1	2073.0	2255.3	2443.9	2634.7	2815.0	2987.4
15°	1157.4	1392.8	1608.8	1807.2	2004.8	2205.5	2409.2	2631.5	2858.3	3074.1	3293.9
12.5°	1234.5	1470.4	1689.4	1888.5	2110.1	2327.9	2565.0	2818.3	3080.3	3331.6	3601.7
10°	1296.6	1532.4	1749.4	1964.2	2198.7	2440.2	2706.1	2985.1	3297.7	3595.4	3886.4
7.5°	1349.8	1584.1	1797.7	2025.9	2272.4	2537.9	2827.1	3142.5	3480.8	3812.1	4158.4
5°	1388.8	1619.3	1835.3	2076.5	2329.1	2609.2	2920.4	3257.4	3620.3	3983.2	4325.6
2.5°	1409.4	1639.3	1858.6	2107.8	2362.3	2652.5	2976.5	3333.8	3717.0	4113.0	4450.7
0°	1408.9	1647.8	1867.5	2129.1	2386.7	2665.5	3000.7	3382.6	3756.5	4168.0	4514.7
-2.5°	1409.4	1639.3	1858.6	2107.8	2362.3	2652.5	2976.5	3333.8	3717.0	4113.0	4450.7
-5°	1388.8	1619.3	1835.3	2076.5	2329.1	2609.2	2920.4	3257.4	3620.3	3983.2	4325.6
-7.5°	1349.8	1584.1	1797.7	2025.9	2272.4	2537.9	2827.1	3142.5	3480.8	3812.1	4158.4
-10°	1296.6	1532.4	1749.4	1964.2	2198.7	2440.2	2706.1	2985.1	3297.7	3595.4	3886.4
-12.5°	1234.5	1470.4	1689.4	1888.5	2110.1	2327.9	2565.0	2818.3	3080.3	3331.6	3601.7
-15°	1157.4	1392.8	1608.8	1807.2	2004.8	2205.5	2409.2	2631.5	2858.3	3074.1	3293.9
-17.5°	1048.6	1299.8	1512.9	1711.4	1891.1	2073.0	2255.3	2443.9	2634.7	2815.0	2987.4
-20°	918.2	1188.2	1400.5	1596.3	1772.9	1933.5	2092.8	2257.1	2415.2	2570.4	2714.6



REPORT NUMBER: P558533 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	750.9	1026.1	1269.4	1465.6	1635.5	1789.6	1934.2	2075.1	2212.1	2341.0	2460.7
-25°	566.2	842.1	1096.7	1308.6	1484.0	1634.0	1770.1	1896.7	2014.5	2120.1	2219.0
-27.5°	412.4	635.2	887.7	1120.5	1308.4	1468.3	1597.4	1713.1	1818.3	1908.6	1993.6
-30°	271.8	445.0	659.8	888.0	1094.6	1265.4	1409.3	1526.1	1621.5	1707.2	1779.2
-32.5°	212.6	288.0	446.2	636.7	844.2	1023.0	1178.7	1301.3	1408.2	1492.4	1557.9
-35°	172.2	213.4	273.2	411.8	562.6	747.8	907.6	1035.7	1152.8	1246.8	1317.5
-37.5°	158.5	171.8	203.9	241.9	344.0	456.9	595.6	731.7	850.2	951.7	1036.4
-40°	148.1	157.0	167.9	184.7	216.6	249.3	347.2	434.4	520.1	617.7	701.3
-42.5°	139.2	146.1	152.2	160.8	170.2	186.5	211.7	235.1	280.2	338.3	386.8
-45°	130.7	136.4	141.8	147.0	151.4	158.5	165.2	171.0	186.3	199.1	209.0
-47.5°	121.7	127.0	132.0	136.7	140.7	144.2	147.3	150.4	154.8	158.4	161.8
-50°	112.3	117.1	121.7	125.8	128.6	131.8	135.5	137.2	138.4	139.7	142.4
-52.5°	102.4	106.4	110.6	113.8	115.8	117.8	119.5	121.5	122.9	123.6	126.0
-55°	91.8	95.1	98.5	101.2	103.2	104.5	106.0	108.2	109.5	110.0	112.5
-57.5°	81.2	83.7	86.2	89.2	91.3	92.5	94.5	96.8	98.6	100.0	102.2
-60°	70.9	73.3	75.8	78.3	80.5	82.3	84.3	86.3	88.0	89.7	91.3
-62.5°	60.9	63.8	65.3	67.2	69.6	71.8	72.6	73.7	75.1	76.7	78.6
-65°	49.2	51.6	53.7	54.8	55.0	56.2	58.1	59.4	60.0	60.5	61.1
-67.5°	40.8	41.8	43.3	44.5	45.6	46.4	47.3	48.0	48.5	49.1	49.7
-70°	34.2	35.3	36.5	37.7	38.8	39.6	40.1	40.5	40.8	40.6	40.4
-72.5°	28.5	29.9	30.9	31.9	32.8	33.4	33.7	34.0	34.2	32.1	29.0
-75°	23.3	24.8	25.6	26.4	27.1	27.6	27.8	27.9	28.0	25.5	22.4
-77.5°	18.8	19.8	20.3	20.8	21.3	21.4	21.6	21.7	21.9	19.8	17.2
-80°	13.0	13.6	14.0	14.3	14.6	14.6	14.4	14.1	13.6	12.5	11.2
-82.5°	7.7	7.8	7.8	7.8	7.8	8.1	8.5	8.7	9.0	8.3	7.5
-85°	3.5	3.4	3.2	3.0	2.7	2.8	3.0	3.2	3.3	3.1	2.8
-87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	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: P558533 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-U-MWR-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	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.7	0.8	0.8
85°	2.6	2.3	2.3	2.3	2.3	2.3	2.6	2.8	3.1	3.3	3.2
82.5°	6.7	5.8	5.8	5.8	5.8	5.8	6.7	7.5	8.3	9.0	8.7
80°	9.8	8.4	8.6	8.8	8.6	8.4	9.8	11.2	12.5	13.6	14.1
77.5°	14.5	11.6	11.5	11.5	11.5	11.6	14.5	17.2	19.8	21.9	21.7
75°	19.2	15.8	15.7	15.7	15.7	15.8	19.2	22.4	25.5	28.0	27.9
72.5°	25.9	22.7	21.3	19.9	21.3	22.7	25.9	29.0	32.1	34.2	34.0
70°	40.4	40.5	39.1	37.2	39.1	40.5	40.4	40.4	40.6	40.8	40.5
67.5°	50.2	50.6	51.3	51.8	51.3	50.6	50.2	49.7	49.1	48.5	48.0
65°	61.4	61.4	61.6	61.7	61.6	61.4	61.4	61.1	60.5	60.0	59.4
62.5°	80.2	81.4	82.3	82.8	82.3	81.4	80.2	78.6	76.7	75.1	73.7
60°	92.6	93.6	95.1	96.6	95.1	93.6	92.6	91.3	89.7	88.0	86.3
57.5°	104.2	106.0	107.4	108.5	107.4	106.0	104.2	102.2	100.0	98.6	96.8
55°	114.9	117.0	119.0	120.8	119.0	117.0	114.9	112.5	110.0	109.5	108.2
52.5°	128.3	130.0	132.9	136.5	132.9	130.0	128.3	126.0	123.6	122.9	121.5
50°	145.5	148.1	151.7	156.1	151.7	148.1	145.5	142.4	139.7	138.4	137.2
47.5°	165.4	168.0	171.5	176.0	171.5	168.0	165.4	161.8	158.4	154.8	150.4
45°	217.9	224.0	229.6	235.8	229.6	224.0	217.9	209.0	199.1	186.3	171.0
42.5°	425.8	452.7	464.3	457.5	464.3	452.7	425.8	386.8	338.3	280.2	235.1
40°	765.0	809.7	836.0	845.2	836.0	809.7	765.0	701.3	617.7	520.1	434.4
37.5°	1098.2	1139.4	1161.6	1164.2	1161.6	1139.4	1098.2	1036.4	951.7	850.2	731.7
35°	1368.6	1402.5	1422.6	1437.6	1422.6	1402.5	1368.6	1317.5	1246.8	1152.8	1035.7
32.5°	1611.3	1650.0	1672.3	1667.3	1672.3	1650.0	1611.3	1557.9	1492.4	1408.2	1301.3
30°	1838.1	1880.4	1906.7	1907.4	1906.7	1880.4	1838.1	1779.2	1707.2	1621.5	1526.1
27.5°	2062.3	2109.8	2137.2	2158.6	2137.2	2109.8	2062.3	1993.6	1908.6	1818.3	1713.1
25°	2301.6	2360.7	2395.8	2417.0	2395.8	2360.7	2301.6	2219.0	2120.1	2014.5	1896.7
22.5°	2559.5	2632.7	2680.8	2700.8	2680.8	2632.7	2559.5	2460.7	2341.0	2212.1	2075.1
20°	2840.0	2930.7	2992.2	2990.3	2992.2	2930.7	2840.0	2714.6	2570.4	2415.2	2257.1
17.5°	3153.0	3270.1	3349.3	3360.8	3349.3	3270.1	3153.0	2987.4	2815.0	2634.7	2443.9
15°	3488.6	3639.5	3742.0	3773.8	3742.0	3639.5	3488.6	3293.9	3074.1	2858.3	2631.5
12.5°	3832.5	4012.0	4148.6	4194.1	4148.6	4012.0	3832.5	3601.7	3331.6	3080.3	2818.3
10°	4160.2	4359.0	4507.3	4572.9	4507.3	4359.0	4160.2	3886.4	3595.4	3297.7	2985.1
7.5°	4434.1	4636.1	4788.9	4842.9	4788.9	4636.1	4434.1	4158.4	3812.1	3480.8	3142.5
5°	4614.6	4835.3	4954.1	5020.8	4954.1	4835.3	4614.6	4325.6	3983.2	3620.3	3257.4
2.5°	4735.2	4922.3	5042.6	5104.1	5042.6	4922.3	4735.2	4450.7	4113.0	3717.0	3333.8
0°	4799.2	4989.8	5078.0	5107.9	5078.0	4989.8	4799.2	4514.7	4168.0	3756.5	3382.6
-2.5°	4735.2	4922.3	5042.6	5104.1	5042.6	4922.3	4735.2	4450.7	4113.0	3717.0	3333.8
-5°	4614.6	4835.3	4954.1	5020.8	4954.1	4835.3	4614.6	4325.6	3983.2	3620.3	3257.4
-7.5°	4434.1	4636.1	4788.9	4842.9	4788.9	4636.1	4434.1	4158.4	3812.1	3480.8	3142.5
-10°	4160.2	4359.0	4507.3	4572.9	4507.3	4359.0	4160.2	3886.4	3595.4	3297.7	2985.1
-12.5°	3832.5	4012.0	4148.6	4194.1	4148.6	4012.0	3832.5	3601.7	3331.6	3080.3	2818.3
-15°	3488.6	3639.5	3742.0	3773.8	3742.0	3639.5	3488.6	3293.9	3074.1	2858.3	2631.5
-17.5°	3153.0	3270.1	3349.3	3360.8	3349.3	3270.1	3153.0	2987.4	2815.0	2634.7	2443.9
-20°	2840.0	2930.7	2992.2	2990.3	2992.2	2930.7	2840.0	2714.6	2570.4	2415.2	2257.1



REPORT NUMBER: P558533 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2559.5	2632.7	2680.8	2700.8	2680.8	2632.7	2559.5	2460.7	2341.0	2212.1	2075.1
-25°	2301.6	2360.7	2395.8	2417.0	2395.8	2360.7	2301.6	2219.0	2120.1	2014.5	1896.7
-27.5°	2062.3	2109.8	2137.2	2158.6	2137.2	2109.8	2062.3	1993.6	1908.6	1818.3	1713.1
-30°	1838.1	1880.4	1906.7	1907.4	1906.7	1880.4	1838.1	1779.2	1707.2	1621.5	1526.1
-32.5°	1611.3	1650.0	1672.3	1667.3	1672.3	1650.0	1611.3	1557.9	1492.4	1408.2	1301.3
-35°	1368.6	1402.5	1422.6	1437.6	1422.6	1402.5	1368.6	1317.5	1246.8	1152.8	1035.7
-37.5°	1098.2	1139.4	1161.6	1164.2	1161.6	1139.4	1098.2	1036.4	951.7	850.2	731.7
-40°	765.0	809.7	836.0	845.2	836.0	809.7	765.0	701.3	617.7	520.1	434.4
-42.5°	425.8	452.7	464.3	457.5	464.3	452.7	425.8	386.8	338.3	280.2	235.1
-45°	217.9	224.0	229.6	235.8	229.6	224.0	217.9	209.0	199.1	186.3	171.0
-47.5°	165.4	168.0	171.5	176.0	171.5	168.0	165.4	161.8	158.4	154.8	150.4
-50°	145.5	148.1	151.7	156.1	151.7	148.1	145.5	142.4	139.7	138.4	137.2
-52.5°	128.3	130.0	132.9	136.5	132.9	130.0	128.3	126.0	123.6	122.9	121.5
-55°	114.9	117.0	119.0	120.8	119.0	117.0	114.9	112.5	110.0	109.5	108.2
-57.5°	104.2	106.0	107.4	108.5	107.4	106.0	104.2	102.2	100.0	98.6	96.8
-60°	92.6	93.6	95.1	96.6	95.1	93.6	92.6	91.3	89.7	88.0	86.3
-62.5°	80.2	81.4	82.3	82.8	82.3	81.4	80.2	78.6	76.7	75.1	73.7
-65°	61.4	61.4	61.6	61.7	61.6	61.4	61.4	61.1	60.5	60.0	59.4
-67.5°	50.2	50.6	51.3	51.8	51.3	50.6	50.2	49.7	49.1	48.5	48.0
-70°	40.4	40.5	39.1	37.2	39.1	40.5	40.4	40.4	40.6	40.8	40.5
-72.5°	25.9	22.7	21.3	19.9	21.3	22.7	25.9	29.0	32.1	34.2	34.0
-75°	19.2	15.8	15.7	15.7	15.7	15.8	19.2	22.4	25.5	28.0	27.9
-77.5°	14.5	11.6	11.5	11.5	11.5	11.6	14.5	17.2	19.8	21.9	21.7
-80°	9.8	8.4	8.6	8.8	8.6	8.4	9.8	11.2	12.5	13.6	14.1
-82.5°	6.7	5.8	5.8	5.8	5.8	5.8	6.7	7.5	8.3	9.0	8.7
-85°	2.6	2.3	2.3	2.3	2.3	2.3	2.6	2.8	3.1	3.3	3.2
-87.5°	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.7	0.8	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: P558533 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
85°	3.0	2.8	2.7	3.0	3.2	3.4	3.5	3.1	2.7	2.4	2.1
82.5°	8.5	8.1	7.8	7.8	7.8	7.8	7.7	6.8	5.9	5.1	4.4
80°	14.4	14.6	14.6	14.3	14.0	13.6	13.0	11.3	9.8	8.4	7.5
77.5°	21.6	21.4	21.3	20.8	20.3	19.8	18.8	16.3	13.9	11.7	10.5
75°	27.8	27.6	27.1	26.4	25.6	24.8	23.3	20.8	18.2	15.5	14.1
72.5°	33.7	33.4	32.8	31.9	30.9	29.9	28.5	26.3	23.6	20.4	18.8
70°	40.1	39.6	38.8	37.7	36.5	35.3	34.2	32.6	30.4	27.6	26.0
67.5°	47.3	46.4	45.6	44.5	43.3	41.8	40.8	39.5	37.8	35.5	33.7
65°	58.1	56.2	55.0	54.8	53.7	51.6	49.2	47.7	46.1	43.9	41.4
62.5°	72.6	71.8	69.6	67.2	65.3	63.8	60.9	57.7	54.9	52.4	49.5
60°	84.3	82.3	80.5	78.3	75.8	73.3	70.9	67.8	63.9	60.8	57.6
57.5°	94.5	92.5	91.3	89.2	86.2	83.7	81.2	78.0	74.2	69.6	65.6
55°	106.0	104.5	103.2	101.2	98.5	95.1	91.8	88.4	84.1	78.7	73.7
52.5°	119.5	117.8	115.8	113.8	110.6	106.4	102.4	98.4	93.5	87.6	81.6
50°	135.5	131.8	128.6	125.8	121.7	117.1	112.3	107.8	102.0	95.9	89.6
47.5°	147.3	144.2	140.7	136.7	132.0	127.0	121.7	116.1	110.0	103.6	97.0
45°	165.2	158.5	151.4	147.0	141.8	136.4	130.7	124.3	117.6	110.9	103.9
42.5°	211.7	186.5	170.2	160.8	152.2	146.1	139.2	132.3	125.2	118.0	110.6
40°	347.2	249.3	216.6	184.7	167.9	157.0	148.1	140.0	132.4	124.8	117.0
37.5°	595.6	456.9	344.0	241.9	203.9	171.8	158.5	148.0	139.4	131.4	123.2
35°	907.6	747.8	562.6	411.8	273.2	213.4	172.2	157.4	146.5	137.8	129.2
32.5°	1178.7	1023.0	844.2	636.7	446.2	288.0	212.6	170.0	154.2	144.1	135.0
30°	1409.3	1265.4	1094.6	888.0	659.8	445.0	271.8	202.3	165.9	150.2	140.6
27.5°	1597.4	1468.3	1308.4	1120.5	887.7	635.2	412.4	242.4	183.4	159.2	145.8
25°	1770.1	1634.0	1484.0	1308.6	1096.7	842.1	566.2	348.1	217.7	168.9	150.7
22.5°	1934.2	1789.6	1635.5	1465.6	1269.4	1026.1	750.9	465.8	252.4	186.4	158.3
20°	2092.8	1933.5	1772.9	1596.3	1400.5	1188.2	918.2	606.8	351.4	213.0	165.5
17.5°	2255.3	2073.0	1891.1	1711.4	1512.9	1299.8	1048.6	748.5	437.5	236.9	171.7
15°	2409.2	2205.5	2004.8	1807.2	1608.8	1392.8	1157.4	874.8	522.9	285.3	189.4
12.5°	2565.0	2327.9	2110.1	1888.5	1689.4	1470.4	1234.5	961.0	623.2	344.6	207.0
10°	2706.1	2440.2	2198.7	1964.2	1749.4	1532.4	1296.6	1030.2	705.6	393.3	221.4
7.5°	2827.1	2537.9	2272.4	2025.9	1797.7	1584.1	1349.8	1085.5	767.8	431.0	232.7
5°	2920.4	2609.2	2329.1	2076.5	1835.3	1619.3	1388.8	1125.7	809.6	457.4	240.8
2.5°	2976.5	2652.5	2362.3	2107.8	1858.6	1639.3	1409.4	1151.5	836.2	474.5	246.8
0°	3000.7	2665.5	2386.7	2129.1	1867.5	1647.8	1408.9	1161.2	845.9	480.9	249.6
-2.5°	2976.5	2652.5	2362.3	2107.8	1858.6	1639.3	1409.4	1151.5	836.2	474.5	246.8
-5°	2920.4	2609.2	2329.1	2076.5	1835.3	1619.3	1388.8	1125.7	809.6	457.4	240.8
-7.5°	2827.1	2537.9	2272.4	2025.9	1797.7	1584.1	1349.8	1085.5	767.8	431.0	232.7
-10°	2706.1	2440.2	2198.7	1964.2	1749.4	1532.4	1296.6	1030.2	705.6	393.3	221.4
-12.5°	2565.0	2327.9	2110.1	1888.5	1689.4	1470.4	1234.5	961.0	623.2	344.6	207.0
-15°	2409.2	2205.5	2004.8	1807.2	1608.8	1392.8	1157.4	874.8	522.9	285.3	189.4
-17.5°	2255.3	2073.0	1891.1	1711.4	1512.9	1299.8	1048.6	748.5	437.5	236.9	171.7
-20°	2092.8	1933.5	1772.9	1596.3	1400.5	1188.2	918.2	606.8	351.4	213.0	165.5



REPORT NUMBER: P558533 (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°	1934.2	1789.6	1635.5	1465.6	1269.4	1026.1	750.9	465.8	252.4	186.4	158.3
-25°	1770.1	1634.0	1484.0	1308.6	1096.7	842.1	566.2	348.1	217.7	168.9	150.7
-27.5°	1597.4	1468.3	1308.4	1120.5	887.7	635.2	412.4	242.4	183.4	159.2	145.8
-30°	1409.3	1265.4	1094.6	888.0	659.8	445.0	271.8	202.3	165.9	150.2	140.6
-32.5°	1178.7	1023.0	844.2	636.7	446.2	288.0	212.6	170.0	154.2	144.1	135.0
-35°	907.6	747.8	562.6	411.8	273.2	213.4	172.2	157.4	146.5	137.8	129.2
-37.5°	595.6	456.9	344.0	241.9	203.9	171.8	158.5	148.0	139.4	131.4	123.2
-40°	347.2	249.3	216.6	184.7	167.9	157.0	148.1	140.0	132.4	124.8	117.0
-42.5°	211.7	186.5	170.2	160.8	152.2	146.1	139.2	132.3	125.2	118.0	110.6
-45°	165.2	158.5	151.4	147.0	141.8	136.4	130.7	124.3	117.6	110.9	103.9
-47.5°	147.3	144.2	140.7	136.7	132.0	127.0	121.7	116.1	110.0	103.6	97.0
-50°	135.5	131.8	128.6	125.8	121.7	117.1	112.3	107.8	102.0	95.9	89.6
-52.5°	119.5	117.8	115.8	113.8	110.6	106.4	102.4	98.4	93.5	87.6	81.6
-55°	106.0	104.5	103.2	101.2	98.5	95.1	91.8	88.4	84.1	78.7	73.7
-57.5°	94.5	92.5	91.3	89.2	86.2	83.7	81.2	78.0	74.2	69.6	65.6
-60°	84.3	82.3	80.5	78.3	75.8	73.3	70.9	67.8	63.9	60.8	57.6
-62.5°	72.6	71.8	69.6	67.2	65.3	63.8	60.9	57.7	54.9	52.4	49.5
-65°	58.1	56.2	55.0	54.8	53.7	51.6	49.2	47.7	46.1	43.9	41.4
-67.5°	47.3	46.4	45.6	44.5	43.3	41.8	40.8	39.5	37.8	35.5	33.7
-70°	40.1	39.6	38.8	37.7	36.5	35.3	34.2	32.6	30.4	27.6	26.0
-72.5°	33.7	33.4	32.8	31.9	30.9	29.9	28.5	26.3	23.6	20.4	18.8
-75°	27.8	27.6	27.1	26.4	25.6	24.8	23.3	20.8	18.2	15.5	14.1
-77.5°	21.6	21.4	21.3	20.8	20.3	19.8	18.8	16.3	13.9	11.7	10.5
-80°	14.4	14.6	14.6	14.3	14.0	13.6	13.0	11.3	9.8	8.4	7.5
-82.5°	8.5	8.1	7.8	7.8	7.8	7.8	7.7	6.8	5.9	5.1	4.4
-85°	3.0	2.8	2.7	3.0	3.2	3.4	3.5	3.1	2.7	2.4	2.1
-87.5°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	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: P558533 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-U-MWR-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	0.7	0.8	0.9	0.9	1.0	1.0	1.0	0.9	0.9	0.8
85°	2.2	2.2	2.2	2.2	2.0	1.9	1.9	1.9	1.8	1.7	1.6
82.5°	4.5	4.7	4.8	4.8	4.5	4.2	3.9	3.5	3.1	2.6	2.3
80°	7.9	8.2	8.2	8.0	7.2	6.5	6.0	5.5	5.1	4.5	3.8
77.5°	11.3	11.8	12.0	11.8	10.7	9.6	8.6	7.6	7.1	6.5	5.6
75°	14.8	15.5	16.0	15.7	14.4	12.7	11.4	10.3	9.5	8.4	7.4
72.5°	19.1	19.5	19.9	19.9	18.7	17.0	14.9	12.9	12.1	10.9	9.4
70°	25.0	23.9	23.6	23.5	22.8	21.5	19.3	16.8	14.7	13.3	11.7
67.5°	32.2	30.7	29.1	27.4	26.6	25.5	23.8	20.8	18.0	15.8	14.0
65°	39.3	37.3	35.4	33.0	31.0	29.4	27.7	24.5	21.2	18.4	16.3
62.5°	46.5	43.6	41.0	38.2	35.6	33.4	31.5	28.0	24.2	20.9	18.3
60°	54.1	50.6	46.7	43.3	40.2	37.3	34.7	31.4	27.3	23.2	20.2
57.5°	61.8	57.7	52.9	48.5	44.7	41.2	37.8	34.3	30.4	25.9	21.9
55°	69.4	64.8	59.2	53.9	49.3	45.3	41.0	37.1	33.2	28.5	23.1
52.5°	76.2	71.4	65.7	59.4	53.9	49.1	44.4	39.7	35.7	31.1	24.7
50°	83.1	77.2	71.8	65.5	58.5	53.0	47.7	42.7	38.0	33.6	26.3
47.5°	90.3	83.4	77.0	71.2	64.0	56.7	51.1	45.6	40.3	35.6	27.6
45°	96.9	89.7	82.5	75.9	69.2	61.1	54.4	48.5	42.8	36.7	28.8
42.5°	103.2	95.7	88.1	80.5	73.5	65.3	57.6	51.3	45.3	37.5	29.6
40°	109.2	101.3	93.4	85.5	77.8	69.2	61.1	54.1	47.4	38.2	30.2
37.5°	114.9	106.6	98.3	90.3	82.2	73.3	64.3	56.7	48.5	39.0	30.5
35°	120.5	111.7	103.3	94.8	86.3	77.3	67.2	59.3	50.0	39.6	30.7
32.5°	125.7	116.6	108.0	99.2	90.2	81.4	70.4	61.6	51.9	40.2	30.8
30°	130.9	121.5	112.4	103.4	94.0	84.9	74.0	63.9	54.1	40.6	30.8
27.5°	135.8	125.9	116.5	107.2	97.6	88.0	77.5	66.1	56.6	41.4	31.0
25°	140.3	130.1	120.3	110.8	101.0	91.0	80.8	68.3	58.6	43.1	31.1
22.5°	144.5	133.9	123.8	114.0	104.3	93.9	83.6	71.0	60.3	44.8	31.1
20°	148.3	137.3	127.0	117.4	107.3	96.7	85.9	73.4	61.9	46.6	30.9
17.5°	152.1	140.8	130.7	120.6	110.1	99.3	88.1	75.6	63.4	48.3	30.6
15°	158.1	144.6	134.1	123.6	112.7	101.5	90.1	77.5	64.7	50.0	30.5
12.5°	163.5	148.0	137.1	126.4	115.0	103.5	91.9	79.2	65.9	51.1	30.6
10°	168.0	151.0	139.8	129.0	117.1	105.2	93.5	80.6	66.8	51.6	30.6
7.5°	171.7	153.5	142.1	131.2	119.0	106.9	95.0	81.8	67.8	51.7	30.3
5°	174.9	156.3	145.0	133.7	121.3	108.4	96.2	82.7	68.7	51.3	29.9
2.5°	178.5	159.7	148.2	135.9	123.3	109.8	97.1	83.3	69.4	50.6	29.4
0°	181.4	162.6	151.1	137.7	125.0	110.8	97.8	83.6	69.8	49.5	28.8
-2.5°	178.5	159.7	148.2	135.9	123.3	109.8	97.1	83.3	69.4	50.6	29.4
-5°	174.9	156.3	145.0	133.7	121.3	108.4	96.2	82.7	68.7	51.3	29.9
-7.5°	171.7	153.5	142.1	131.2	119.0	106.9	95.0	81.8	67.8	51.7	30.3
-10°	168.0	151.0	139.8	129.0	117.1	105.2	93.5	80.6	66.8	51.6	30.6
-12.5°	163.5	148.0	137.1	126.4	115.0	103.5	91.9	79.2	65.9	51.1	30.6
-15°	158.1	144.6	134.1	123.6	112.7	101.5	90.1	77.5	64.7	50.0	30.5
-17.5°	152.1	140.8	130.7	120.6	110.1	99.3	88.1	75.6	63.4	48.3	30.6
-20°	148.3	137.3	127.0	117.4	107.3	96.7	85.9	73.4	61.9	46.6	30.9



REPORT NUMBER: P558533 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	144.5	133.9	123.8	114.0	104.3	93.9	83.6	71.0	60.3	44.8	31.1
-25°	140.3	130.1	120.3	110.8	101.0	91.0	80.8	68.3	58.6	43.1	31.1
-27.5°	135.8	125.9	116.5	107.2	97.6	88.0	77.5	66.1	56.6	41.4	31.0
-30°	130.9	121.5	112.4	103.4	94.0	84.9	74.0	63.9	54.1	40.6	30.8
-32.5°	125.7	116.6	108.0	99.2	90.2	81.4	70.4	61.6	51.9	40.2	30.8
-35°	120.5	111.7	103.3	94.8	86.3	77.3	67.2	59.3	50.0	39.6	30.7
-37.5°	114.9	106.6	98.3	90.3	82.2	73.3	64.3	56.7	48.5	39.0	30.5
-40°	109.2	101.3	93.4	85.5	77.8	69.2	61.1	54.1	47.4	38.2	30.2
-42.5°	103.2	95.7	88.1	80.5	73.5	65.3	57.6	51.3	45.3	37.5	29.6
-45°	96.9	89.7	82.5	75.9	69.2	61.1	54.4	48.5	42.8	36.7	28.8
-47.5°	90.3	83.4	77.0	71.2	64.0	56.7	51.1	45.6	40.3	35.6	27.6
-50°	83.1	77.2	71.8	65.5	58.5	53.0	47.7	42.7	38.0	33.6	26.3
-52.5°	76.2	71.4	65.7	59.4	53.9	49.1	44.4	39.7	35.7	31.1	24.7
-55°	69.4	64.8	59.2	53.9	49.3	45.3	41.0	37.1	33.2	28.5	23.1
-57.5°	61.8	57.7	52.9	48.5	44.7	41.2	37.8	34.3	30.4	25.9	21.9
-60°	54.1	50.6	46.7	43.3	40.2	37.3	34.7	31.4	27.3	23.2	20.2
-62.5°	46.5	43.6	41.0	38.2	35.6	33.4	31.5	28.0	24.2	20.9	18.3
-65°	39.3	37.3	35.4	33.0	31.0	29.4	27.7	24.5	21.2	18.4	16.3
-67.5°	32.2	30.7	29.1	27.4	26.6	25.5	23.8	20.8	18.0	15.8	14.0
-70°	25.0	23.9	23.6	23.5	22.8	21.5	19.3	16.8	14.7	13.3	11.7
-72.5°	19.1	19.5	19.9	19.9	18.7	17.0	14.9	12.9	12.1	10.9	9.4
-75°	14.8	15.5	16.0	15.7	14.4	12.7	11.4	10.3	9.5	8.4	7.4
-77.5°	11.3	11.8	12.0	11.8	10.7	9.6	8.6	7.6	7.1	6.5	5.6
-80°	7.9	8.2	8.2	8.0	7.2	6.5	6.0	5.5	5.1	4.5	3.8
-82.5°	4.5	4.7	4.8	4.8	4.5	4.2	3.9	3.5	3.1	2.6	2.3
-85°	2.2	2.2	2.2	2.2	2.0	1.9	1.9	1.9	1.8	1.7	1.6
-87.5°	0.7	0.7	0.8	0.9	0.9	1.0	1.0	1.0	0.9	0.9	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



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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°	0.7	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.4	1.1	0.8	0.5	0.3	0.2	0.0
82.5°	2.1	1.6	1.2	0.8	0.5	0.2	0.0
80°	2.9	2.1	1.6	1.1	0.7	0.3	0.0
77.5°	4.5	2.9	2.0	1.4	0.8	0.4	0.0
75°	6.1	4.2	2.4	1.6	1.0	0.5	0.0
72.5°	7.7	5.4	3.3	1.9	1.1	0.6	0.0
70°	9.2	6.6	4.2	2.2	1.3	0.6	0.0
67.5°	11.0	7.7	5.1	2.8	1.5	0.7	0.0
65°	12.8	8.9	5.9	3.4	1.6	0.8	0.0
62.5°	14.5	10.2	6.7	3.9	1.8	0.9	0.0
60°	16.1	11.5	7.5	4.4	1.9	0.9	0.0
57.5°	17.1	12.6	8.3	5.0	2.2	1.0	0.0
55°	18.0	13.8	9.2	5.5	2.6	1.1	0.0
52.5°	18.8	14.7	9.9	5.9	2.9	1.2	0.0
50°	19.5	15.2	10.7	6.3	3.2	1.2	0.0
47.5°	20.0	15.5	11.4	6.8	3.5	1.3	0.0
45°	21.0	15.8	12.0	7.2	3.8	1.3	0.0
42.5°	21.8	16.0	12.5	7.7	4.0	1.4	0.0
40°	22.5	16.1	12.8	8.1	4.3	1.5	0.0
37.5°	23.0	16.1	12.9	8.6	4.5	1.5	0.0
35°	23.4	16.3	12.8	9.0	4.7	1.6	0.0
32.5°	23.6	16.5	12.8	9.4	4.9	1.6	0.0
30°	23.6	16.7	12.6	9.8	5.1	1.6	0.0
27.5°	23.4	16.7	12.8	10.2	5.3	1.7	0.0
25°	23.2	16.7	12.9	10.6	5.4	1.7	0.0
22.5°	22.8	16.7	13.0	11.0	5.6	1.8	0.0
20°	22.3	17.1	13.1	11.3	5.7	1.8	0.0
17.5°	22.4	17.5	13.2	11.6	5.8	1.8	0.0
15°	22.7	17.9	13.3	11.9	5.9	1.8	0.0
12.5°	23.0	18.2	13.3	12.2	6.0	1.9	0.0
10°	23.2	18.4	13.4	12.4	6.0	1.9	0.0
7.5°	23.3	18.6	13.4	12.6	6.1	1.9	0.0
5°	23.4	18.7	13.4	12.8	6.1	1.9	0.0
2.5°	23.4	18.8	13.4	12.9	6.1	1.9	0.0
0°	23.4	18.8	13.4	13.0	6.1	1.9	0.0
-2.5°	23.4	18.8	13.4	12.9	6.1	1.9	0.0
-5°	23.4	18.7	13.4	12.8	6.1	1.9	0.0
-7.5°	23.3	18.6	13.4	12.6	6.1	1.9	0.0
-10°	23.2	18.4	13.4	12.4	6.0	1.9	0.0
-12.5°	23.0	18.2	13.3	12.2	6.0	1.9	0.0
-15°	22.7	17.9	13.3	11.9	5.9	1.8	0.0
-17.5°	22.4	17.5	13.2	11.6	5.8	1.8	0.0
-20°	22.3	17.1	13.1	11.3	5.7	1.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	22.8	16.7	13.0	11.0	5.6	1.8	0.0
-25°	23.2	16.7	12.9	10.6	5.4	1.7	0.0
-27.5°	23.4	16.7	12.8	10.2	5.3	1.7	0.0
-30°	23.6	16.7	12.6	9.8	5.1	1.6	0.0
-32.5°	23.6	16.5	12.8	9.4	4.9	1.6	0.0
-35°	23.4	16.3	12.8	9.0	4.7	1.6	0.0
-37.5°	23.0	16.1	12.9	8.6	4.5	1.5	0.0
-40°	22.5	16.1	12.8	8.1	4.3	1.5	0.0
-42.5°	21.8	16.0	12.5	7.7	4.0	1.4	0.0
-45°	21.0	15.8	12.0	7.2	3.8	1.3	0.0
-47.5°	20.0	15.5	11.4	6.8	3.5	1.3	0.0
-50°	19.5	15.2	10.7	6.3	3.2	1.2	0.0
-52.5°	18.8	14.7	9.9	5.9	2.9	1.2	0.0
-55°	18.0	13.8	9.2	5.5	2.6	1.1	0.0
-57.5°	17.1	12.6	8.3	5.0	2.2	1.0	0.0
-60°	16.1	11.5	7.5	4.4	1.9	0.9	0.0
-62.5°	14.5	10.2	6.7	3.9	1.8	0.9	0.0
-65°	12.8	8.9	5.9	3.4	1.6	0.8	0.0
-67.5°	11.0	7.7	5.1	2.8	1.5	0.7	0.0
-70°	9.2	6.6	4.2	2.2	1.3	0.6	0.0
-72.5°	7.7	5.4	3.3	1.9	1.1	0.6	0.0
-75°	6.1	4.2	2.4	1.6	1.0	0.5	0.0
-77.5°	4.5	2.9	2.0	1.4	0.8	0.4	0.0
-80°	2.9	2.1	1.6	1.1	0.7	0.3	0.0
-82.5°	2.1	1.6	1.2	0.8	0.5	0.2	0.0
-85°	1.4	1.1	0.8	0.5	0.3	0.2	0.0
-87.5°	0.7	0.5	0.4	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)