

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: P558811 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-940-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558811 (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-SA3C-940-U-WR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (48) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

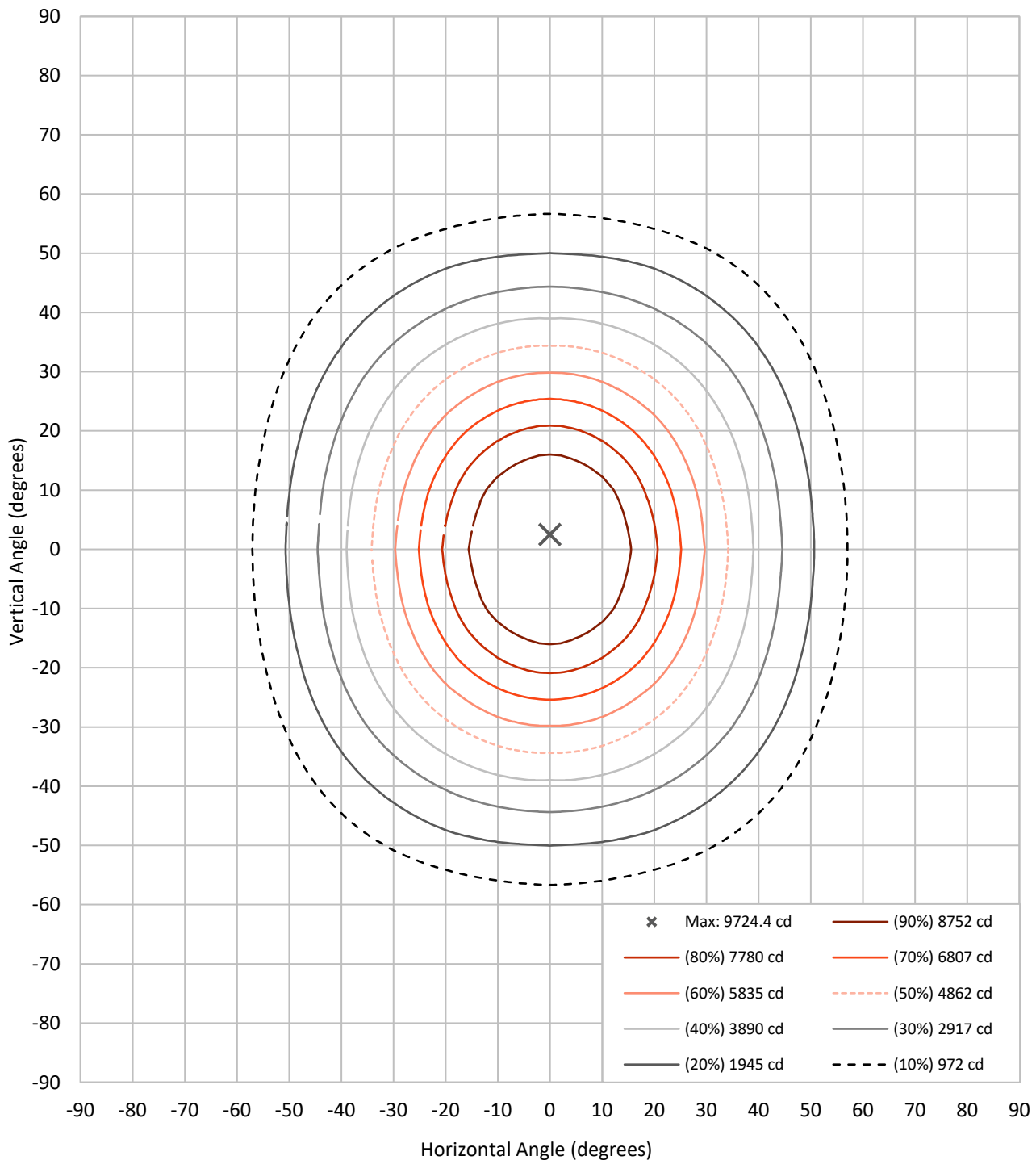
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	13161.1 lumens	Max Intensity:	9724.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	110.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	7891 lumens	Field Lumens:	12572.3 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 119
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: P558811 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





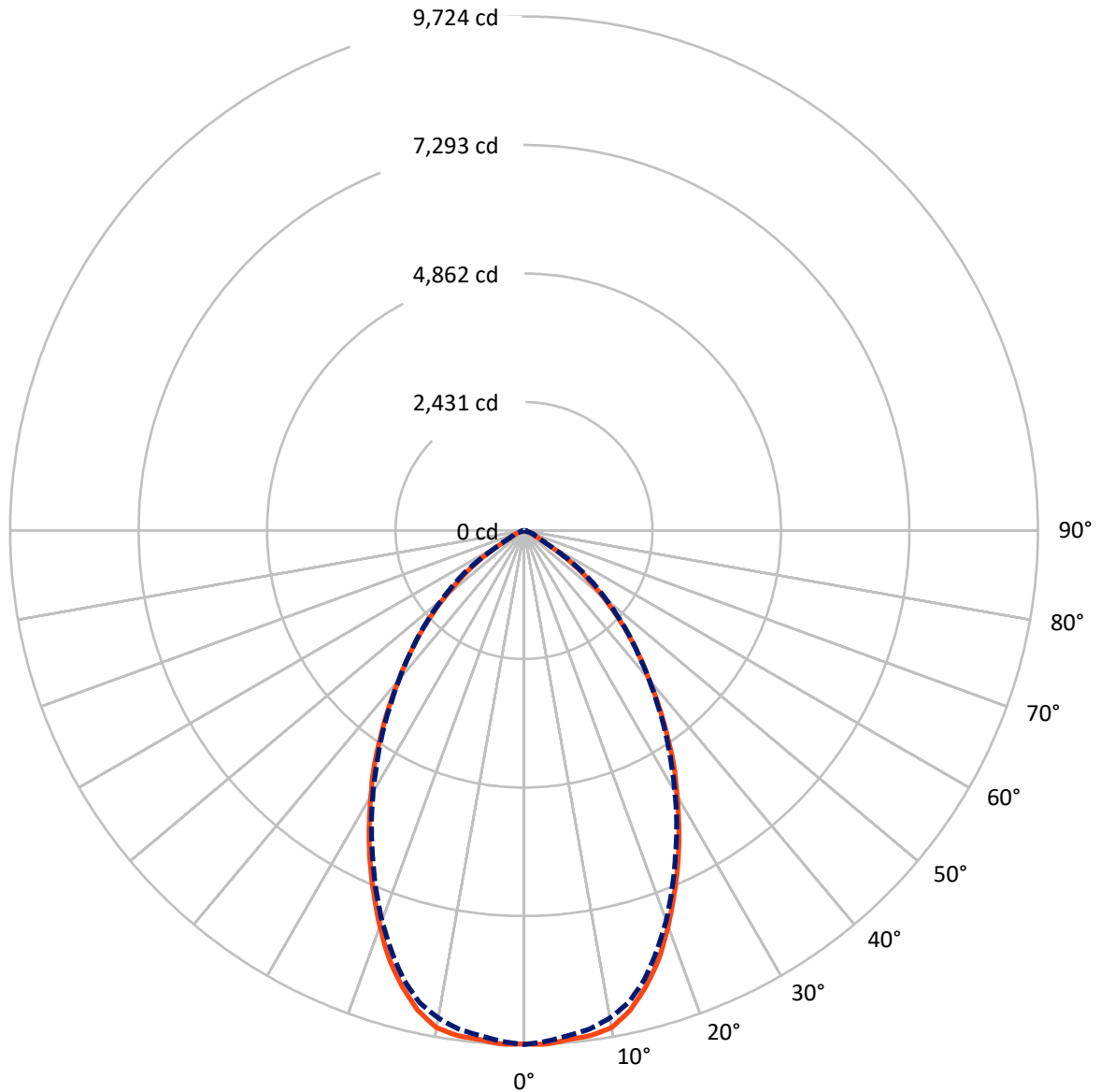
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Lumen Table

90																
80	0.1	1.3		3.2		5.5		3.9		5.5		3.2		1.3		0.1
70																
60	0.6	0.9	1.8	2.8	4.1	5.3	6.5	7.3	7.3	6.5	5.3	4.1	2.8	1.8	0.9	0.6
50		1.4	2.9	5.3	10.2	19.8	29.7	35.5	35.5	29.7	19.8	10.2	5.3	2.9	1.4	
40	1.0	1.9	4.3	12.6	33.2	55.2	73.4	83.7	83.7	73.4	55.2	33.2	12.6	4.3	1.9	1.0
30		2.3	7.4	29.1	59.6	93.0	123.2	141.3	141.3	123.2	93.0	59.6	29.1	7.4	2.3	
20	1.1	2.8	13.5	43.9	84.5	132.2	176.8	204.8	204.8	176.8	132.2	84.5	43.9	13.5	2.8	1.1
10		3.3	19.2	54.7	104.1	165.2	225.1	262.9	262.9	225.1	165.2	104.1	54.7	19.2	3.3	
0	1.2	3.6	22.4	60.5	115.2	184.6	252.8	289.0	289.0	252.8	184.6	115.2	60.5	22.4	3.6	1.2
-10		3.6	22.4	60.5	115.2	184.6	252.8	289.0	289.0	252.8	184.6	115.2	60.5	22.4	3.6	
-20	1.1	3.3	19.2	54.7	104.1	165.2	225.1	262.9	262.9	225.1	165.2	104.1	54.7	19.2	3.3	1.1
-30		2.8	13.5	43.9	84.5	132.2	176.8	204.8	204.8	176.8	132.2	84.5	43.9	13.5	2.8	
-40	1.0	2.3	7.4	29.1	59.6	93.0	123.2	141.3	141.3	123.2	93.0	59.6	29.1	7.4	2.3	1.0
-50		1.9	4.3	12.6	33.2	55.2	73.4	83.7	83.7	73.4	55.2	33.2	12.6	4.3	1.9	
-60	0.6	1.4	2.9	5.3	10.2	19.8	29.7	35.5	35.5	29.7	19.8	10.2	5.3	2.9	1.4	0.6
-70		0.9	1.8	2.8	4.1	5.3	6.5	7.3	7.3	6.5	5.3	4.1	2.8	1.8	0.9	
-80																
-90	0.1	1.3		3.2		5.5		3.9		5.5		3.2		1.3		0.1

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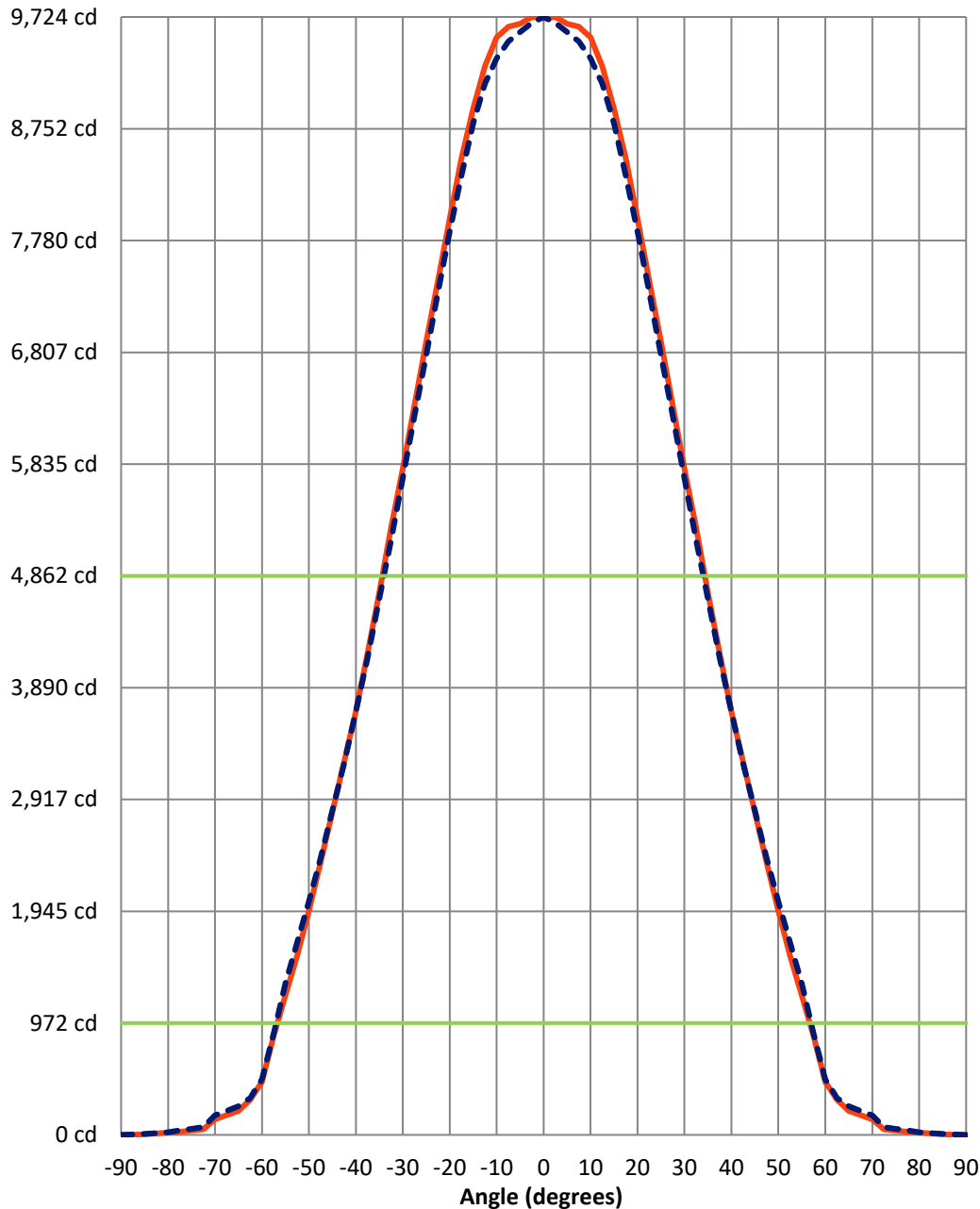
Luminous Intensity Polar Plot



— 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: 7891
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 12572.3
Efficiency: 95.5%

Spill:
Lumens: 588.8
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	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.3	1.5	1.6
85°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.3	2.6	2.9	3.2
82.5°	0.0	0.5	1.0	1.5	2.0	2.5	2.9	3.4	4.1	5.6	7.1
80°	0.0	0.7	1.3	2.0	2.6	3.3	4.1	6.1	8.1	10.2	12.3
77.5°	0.0	0.8	1.6	2.5	3.3	4.5	6.9	9.5	12.0	14.7	18.3
75°	0.0	1.0	2.0	2.9	4.0	6.5	9.6	12.8	16.2	21.7	27.1
72.5°	0.0	1.1	2.3	3.4	5.3	8.4	12.3	16.8	23.2	29.5	35.7
70°	0.0	1.3	2.6	3.9	6.6	10.2	15.1	22.9	30.1	37.3	47.5
67.5°	0.0	1.5	2.9	4.7	7.8	12.0	19.7	28.9	37.0	47.7	59.7
65°	0.0	1.6	3.2	5.4	8.9	14.3	24.0	34.7	45.3	57.6	71.3
62.5°	0.0	1.8	3.5	6.1	10.0	17.1	28.0	41.0	53.3	67.4	82.4
60°	0.0	1.9	3.8	6.7	11.0	19.7	31.7	47.3	60.9	78.0	93.5
57.5°	0.0	2.0	4.2	7.3	12.6	22.1	35.4	53.0	70.2	88.5	102.8
55°	0.0	2.2	4.5	7.9	14.0	24.2	38.7	57.4	79.9	98.5	111.3
52.5°	0.0	2.3	4.9	8.4	15.2	26.0	41.5	63.9	89.6	106.3	119.7
50°	0.0	2.4	5.2	8.9	16.3	27.7	43.8	70.0	98.4	114.0	128.5
47.5°	0.0	2.6	5.6	9.3	17.1	29.1	46.0	75.3	105.3	121.6	136.9
45°	0.0	2.7	5.9	9.8	17.8	30.2	49.7	79.7	108.3	128.5	144.7
42.5°	0.0	2.8	6.2	10.2	18.3	30.9	52.9	82.2	110.2	135.0	153.3
40°	0.0	2.9	6.5	10.6	18.6	31.2	55.3	83.2	111.4	140.4	161.9
37.5°	0.0	3.0	6.7	11.1	18.8	31.2	57.2	83.5	112.6	142.8	170.1
35°	0.0	3.1	7.0	11.6	18.7	31.9	58.4	83.0	113.7	148.0	178.3
32.5°	0.0	3.2	7.2	12.1	18.5	32.8	58.7	81.9	114.9	154.6	186.5
30°	0.0	3.3	7.5	12.5	18.0	33.2	57.6	80.7	116.0	162.6	194.2
27.5°	0.0	3.4	7.7	12.9	18.5	33.2	56.0	81.0	118.8	171.7	201.5
25°	0.0	3.4	7.9	13.2	19.0	32.8	54.0	81.0	125.0	178.9	208.4
22.5°	0.0	3.5	8.0	13.6	19.6	32.8	51.5	80.8	131.5	184.4	217.2
20°	0.0	3.6	8.2	13.9	20.0	34.3	48.7	80.3	138.2	189.4	225.0
17.5°	0.0	3.6	8.3	14.1	20.5	35.7	48.2	79.6	144.9	193.9	231.8
15°	0.0	3.7	8.5	14.4	20.9	36.8	49.1	79.2	151.5	197.8	237.7
12.5°	0.0	3.7	8.6	14.6	21.3	37.8	50.0	78.7	157.3	201.2	242.5
10°	0.0	3.7	8.6	14.7	21.6	38.6	50.8	77.1	162.1	203.8	246.2
7.5°	0.0	3.8	8.7	14.8	21.9	39.2	51.4	74.7	166.0	205.9	248.3
5°	0.0	3.8	8.8	14.9	22.2	39.7	51.9	71.5	168.7	207.5	249.4
2.5°	0.0	3.8	8.8	15.0	22.4	39.9	52.3	67.8	170.1	208.5	249.5
0°	0.0	3.8	8.8	15.0	22.5	40.0	52.5	63.8	170.0	208.8	248.8
-2.5°	0.0	3.8	8.8	15.0	22.4	39.9	52.3	67.8	170.1	208.5	249.5
-5°	0.0	3.8	8.8	14.9	22.2	39.7	51.9	71.5	168.7	207.5	249.4
-7.5°	0.0	3.8	8.7	14.8	21.9	39.2	51.4	74.7	166.0	205.9	248.3
-10°	0.0	3.7	8.6	14.7	21.6	38.6	50.8	77.1	162.1	203.8	246.2
-12.5°	0.0	3.7	8.6	14.6	21.3	37.8	50.0	78.7	157.3	201.2	242.5
-15°	0.0	3.7	8.5	14.4	20.9	36.8	49.1	79.2	151.5	197.8	237.7
-17.5°	0.0	3.6	8.3	14.1	20.5	35.7	48.2	79.6	144.9	193.9	231.8
-20°	0.0	3.6	8.2	13.9	20.0	34.3	48.7	80.3	138.2	189.4	225.0



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 CATALOG NUMBER: GFLD-SA3C-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	3.5	8.0	13.6	19.6	32.8	51.5	80.8	131.5	184.4	217.2
-25°	0.0	3.4	7.9	13.2	19.0	32.8	54.0	81.0	125.0	178.9	208.4
-27.5°	0.0	3.4	7.7	12.9	18.5	33.2	56.0	81.0	118.8	171.7	201.5
-30°	0.0	3.3	7.5	12.5	18.0	33.2	57.6	80.7	116.0	162.6	194.2
-32.5°	0.0	3.2	7.2	12.1	18.5	32.8	58.7	81.9	114.9	154.6	186.5
-35°	0.0	3.1	7.0	11.6	18.7	31.9	58.4	83.0	113.7	148.0	178.3
-37.5°	0.0	3.0	6.7	11.1	18.8	31.2	57.2	83.5	112.6	142.8	170.1
-40°	0.0	2.9	6.5	10.6	18.6	31.2	55.3	83.2	111.4	140.4	161.9
-42.5°	0.0	2.8	6.2	10.2	18.3	30.9	52.9	82.2	110.2	135.0	153.3
-45°	0.0	2.7	5.9	9.8	17.8	30.2	49.7	79.7	108.3	128.5	144.7
-47.5°	0.0	2.6	5.6	9.3	17.1	29.1	46.0	75.3	105.3	121.6	136.9
-50°	0.0	2.4	5.2	8.9	16.3	27.7	43.8	70.0	98.4	114.0	128.5
-52.5°	0.0	2.3	4.9	8.4	15.2	26.0	41.5	63.9	89.6	106.3	119.7
-55°	0.0	2.2	4.5	7.9	14.0	24.2	38.7	57.4	79.9	98.5	111.3
-57.5°	0.0	2.0	4.2	7.3	12.6	22.1	35.4	53.0	70.2	88.5	102.8
-60°	0.0	1.9	3.8	6.7	11.0	19.7	31.7	47.3	60.9	78.0	93.5
-62.5°	0.0	1.8	3.5	6.1	10.0	17.1	28.0	41.0	53.3	67.4	82.4
-65°	0.0	1.6	3.2	5.4	8.9	14.3	24.0	34.7	45.3	57.6	71.3
-67.5°	0.0	1.5	2.9	4.7	7.8	12.0	19.7	28.9	37.0	47.7	59.7
-70°	0.0	1.3	2.6	3.9	6.6	10.2	15.1	22.9	30.1	37.3	47.5
-72.5°	0.0	1.1	2.3	3.4	5.3	8.4	12.3	16.8	23.2	29.5	35.7
-75°	0.0	1.0	2.0	2.9	4.0	6.5	9.6	12.8	16.2	21.7	27.1
-77.5°	0.0	0.8	1.6	2.5	3.3	4.5	6.9	9.5	12.0	14.7	18.3
-80°	0.0	0.7	1.3	2.0	2.6	3.3	4.1	6.1	8.1	10.2	12.3
-82.5°	0.0	0.5	1.0	1.5	2.0	2.5	2.9	3.4	4.1	5.6	7.1
-85°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.3	2.6	2.9	3.2
-87.5°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.3	1.5	1.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA3C-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°	1.6	1.6	1.5	1.4	1.5	1.6	1.7	1.8	1.6	1.5	1.3
85°	3.2	3.2	3.6	3.8	4.2	4.5	4.6	4.6	5.1	5.9	6.7
82.5°	8.0	8.5	8.8	8.9	9.0	9.0	8.9	8.8	10.9	13.5	16.4
80°	13.4	13.9	16.0	18.3	19.4	19.4	18.4	16.4	19.4	24.2	30.1
77.5°	21.7	24.9	28.2	31.7	32.3	30.7	28.0	24.3	28.6	37.3	47.0
75°	31.6	35.9	40.8	44.5	44.5	41.9	38.4	37.6	44.9	55.3	64.0
72.5°	43.1	49.5	54.2	57.4	57.1	56.7	58.0	61.1	67.1	74.7	81.4
70°	57.1	63.5	67.0	68.6	69.3	72.7	77.9	81.8	86.0	93.5	100.5
67.5°	71.0	75.9	78.9	81.1	86.9	93.6	98.7	103.5	108.7	116.4	122.8
65°	83.3	88.3	92.7	99.2	107.7	114.0	120.2	126.6	135.7	144.3	149.4
62.5°	95.4	100.7	107.4	116.2	125.4	133.4	143.5	154.8	166.7	175.5	185.6
60°	104.8	112.3	121.7	132.2	143.2	156.3	169.2	182.5	194.6	206.5	221.3
57.5°	113.7	124.6	136.3	148.6	163.2	179.5	195.2	209.6	224.9	241.3	258.1
55°	123.4	137.6	150.7	165.4	183.2	203.9	221.4	238.4	256.7	284.4	308.6
52.5°	134.1	149.8	164.6	182.6	204.7	226.8	246.7	270.5	301.1	342.3	409.1
50°	144.2	161.1	178.3	201.6	225.5	248.8	277.6	310.7	372.0	448.8	583.3
47.5°	154.2	172.1	195.0	220.1	246.1	276.8	313.3	385.8	469.4	660.7	851.4
45°	164.2	185.4	210.7	239.1	270.1	308.8	384.6	474.0	701.3	921.4	1150.6
42.5°	173.9	198.8	227.6	257.9	298.4	368.4	466.1	702.3	948.3	1201.1	1421.1
40°	184.9	211.3	244.6	283.1	336.6	442.8	662.2	928.0	1205.4	1444.2	1658.3
37.5°	195.3	226.5	262.7	307.5	403.7	581.0	863.6	1158.4	1427.0	1660.4	1889.0
35°	204.8	241.2	284.4	351.6	469.5	761.5	1067.9	1367.8	1624.5	1873.6	2123.8
32.5°	216.0	255.5	305.2	409.9	620.3	935.9	1261.8	1547.6	1816.4	2082.1	2367.9
30°	228.4	273.1	334.3	465.6	769.8	1105.3	1428.2	1720.1	1998.8	2293.9	2600.0
27.5°	240.1	290.1	382.3	573.6	910.2	1263.4	1579.6	1880.0	2179.2	2493.4	2822.9
25°	250.7	306.3	427.5	692.0	1045.8	1398.4	1718.8	2024.6	2347.6	2689.1	3035.8
22.5°	262.1	322.1	468.1	799.8	1169.9	1518.5	1841.8	2165.9	2507.9	2869.8	3231.5
20°	274.4	355.8	535.0	899.3	1282.6	1627.7	1952.2	2297.4	2657.9	3032.7	3414.7
17.5°	285.6	385.5	615.0	993.8	1377.4	1722.6	2051.5	2416.4	2788.3	3180.2	3582.5
15°	295.7	411.3	685.4	1077.3	1457.8	1803.2	2148.4	2522.0	2904.2	3312.4	3730.3
12.5°	304.5	433.2	745.9	1149.5	1525.7	1872.1	2229.9	2611.1	3007.5	3427.9	3863.5
10°	312.1	450.9	796.3	1209.9	1580.9	1929.0	2295.2	2685.2	3089.8	3521.0	3970.8
7.5°	316.9	465.6	836.1	1258.2	1623.5	1973.5	2344.5	2743.6	3149.9	3593.6	4052.0
5°	320.0	477.5	864.9	1293.8	1654.5	2007.1	2380.0	2785.6	3188.5	3644.6	4106.7
2.5°	321.4	485.8	882.4	1316.6	1674.0	2030.7	2409.4	2822.4	3229.1	3680.9	4149.0
0°	321.3	490.0	888.8	1326.3	1681.4	2041.4	2423.9	2841.4	3255.2	3696.5	4177.8
-2.5°	321.4	485.8	882.4	1316.6	1674.0	2030.7	2409.4	2822.4	3229.1	3680.9	4149.0
-5°	320.0	477.5	864.9	1293.8	1654.5	2007.1	2380.0	2785.6	3188.5	3644.6	4106.7
-7.5°	316.9	465.6	836.1	1258.2	1623.5	1973.5	2344.5	2743.6	3149.9	3593.6	4052.0
-10°	312.1	450.9	796.3	1209.9	1580.9	1929.0	2295.2	2685.2	3089.8	3521.0	3970.8
-12.5°	304.5	433.2	745.9	1149.5	1525.7	1872.1	2229.9	2611.1	3007.5	3427.9	3863.5
-15°	295.7	411.3	685.4	1077.3	1457.8	1803.2	2148.4	2522.0	2904.2	3312.4	3730.3
-17.5°	285.6	385.5	615.0	993.8	1377.4	1722.6	2051.5	2416.4	2788.3	3180.2	3582.5
-20°	274.4	355.8	535.0	899.3	1282.6	1627.7	1952.2	2297.4	2657.9	3032.7	3414.7



REPORT NUMBER: P558811 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	262.1	322.1	468.1	799.8	1169.9	1518.5	1841.8	2165.9	2507.9	2869.8	3231.5
-25°	250.7	306.3	427.5	692.0	1045.8	1398.4	1718.8	2024.6	2347.6	2689.1	3035.8
-27.5°	240.1	290.1	382.3	573.6	910.2	1263.4	1579.6	1880.0	2179.2	2493.4	2822.9
-30°	228.4	273.1	334.3	465.6	769.8	1105.3	1428.2	1720.1	1998.8	2293.9	2600.0
-32.5°	216.0	255.5	305.2	409.9	620.3	935.9	1261.8	1547.6	1816.4	2082.1	2367.9
-35°	204.8	241.2	284.4	351.6	469.5	761.5	1067.9	1367.8	1624.5	1873.6	2123.8
-37.5°	195.3	226.5	262.7	307.5	403.7	581.0	863.6	1158.4	1427.0	1660.4	1889.0
-40°	184.9	211.3	244.6	283.1	336.6	442.8	662.2	928.0	1205.4	1444.2	1658.3
-42.5°	173.9	198.8	227.6	257.9	298.4	368.4	466.1	702.3	948.3	1201.1	1421.1
-45°	164.2	185.4	210.7	239.1	270.1	308.8	384.6	474.0	701.3	921.4	1150.6
-47.5°	154.2	172.1	195.0	220.1	246.1	276.8	313.3	385.8	469.4	660.7	851.4
-50°	144.2	161.1	178.3	201.6	225.5	248.8	277.6	310.7	372.0	448.8	583.3
-52.5°	134.1	149.8	164.6	182.6	204.7	226.8	246.7	270.5	301.1	342.3	409.1
-55°	123.4	137.6	150.7	165.4	183.2	203.9	221.4	238.4	256.7	284.4	308.6
-57.5°	113.7	124.6	136.3	148.6	163.2	179.5	195.2	209.6	224.9	241.3	258.1
-60°	104.8	112.3	121.7	132.2	143.2	156.3	169.2	182.5	194.6	206.5	221.3
-62.5°	95.4	100.7	107.4	116.2	125.4	133.4	143.5	154.8	166.7	175.5	185.6
-65°	83.3	88.3	92.7	99.2	107.7	114.0	120.2	126.6	135.7	144.3	149.4
-67.5°	71.0	75.9	78.9	81.1	86.9	93.6	98.7	103.5	108.7	116.4	122.8
-70°	57.1	63.5	67.0	68.6	69.3	72.7	77.9	81.8	86.0	93.5	100.5
-72.5°	43.1	49.5	54.2	57.4	57.1	56.7	58.0	61.1	67.1	74.7	81.4
-75°	31.6	35.9	40.8	44.5	44.5	41.9	38.4	37.6	44.9	55.3	64.0
-77.5°	21.7	24.9	28.2	31.7	32.3	30.7	28.0	24.3	28.6	37.3	47.0
-80°	13.4	13.9	16.0	18.3	19.4	19.4	18.4	16.4	19.4	24.2	30.1
-82.5°	8.0	8.5	8.8	8.9	9.0	9.0	8.9	8.8	10.9	13.5	16.4
-85°	3.2	3.2	3.6	3.8	4.2	4.5	4.6	4.6	5.1	5.9	6.7
-87.5°	1.6	1.6	1.5	1.4	1.5	1.6	1.7	1.8	1.6	1.5	1.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558811 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3
85°	7.7	7.5	7.3	6.9	6.4	6.6	6.8	6.9	7.1	6.6	6.1
82.5°	19.6	21.1	22.4	23.9	25.4	25.2	24.5	23.5	22.2	19.8	17.1
80°	36.7	40.2	42.5	44.3	45.8	44.4	42.3	39.8	37.0	32.9	28.4
77.5°	57.0	60.5	62.3	64.5	66.9	67.4	67.5	67.7	68.0	60.3	50.6
75°	70.9	75.4	79.2	82.5	85.4	86.9	87.9	88.8	89.7	79.6	66.2
72.5°	87.1	91.5	95.1	98.7	101.9	104.4	106.2	107.8	109.0	100.8	89.2
70°	106.1	110.5	114.6	118.4	122.0	125.3	128.3	131.1	133.6	134.0	134.6
67.5°	127.5	130.1	135.1	139.8	145.4	149.5	154.0	158.3	162.2	165.6	168.4
65°	154.1	163.5	173.1	177.7	178.1	184.1	193.4	198.6	200.1	201.3	204.3
62.5°	198.6	210.8	217.2	225.5	237.1	249.6	254.4	261.3	269.7	279.2	287.8
60°	234.0	244.3	259.8	275.5	289.5	302.2	333.0	360.4	383.9	404.0	423.5
57.5°	277.9	295.0	318.6	361.2	400.2	435.5	495.7	569.3	634.8	692.2	742.6
55°	347.9	397.7	442.5	543.1	650.6	743.7	830.8	923.9	999.7	1059.0	1113.8
52.5°	467.2	604.2	743.1	873.7	1002.2	1119.0	1223.9	1306.5	1370.9	1419.3	1465.1
50°	748.0	913.1	1082.3	1238.1	1364.2	1479.5	1588.7	1670.6	1739.1	1798.1	1850.3
47.5°	1054.1	1247.4	1407.2	1550.9	1686.9	1814.7	1934.2	2033.8	2118.2	2196.1	2260.9
45°	1358.7	1531.6	1695.5	1849.6	1997.5	2140.9	2269.4	2382.7	2494.4	2586.7	2659.7
42.5°	1616.3	1799.3	1973.6	2150.0	2315.4	2476.2	2631.4	2769.3	2887.9	2988.8	3070.0
40°	1863.5	2060.8	2267.9	2463.7	2660.1	2843.6	3015.6	3173.0	3308.1	3427.5	3528.6
37.5°	2115.1	2345.5	2573.0	2796.2	3012.6	3212.2	3409.5	3591.1	3749.4	3889.2	4006.5
35°	2380.6	2634.5	2882.1	3133.6	3369.9	3600.9	3819.0	4018.9	4194.3	4358.9	4500.3
32.5°	2646.6	2921.8	3200.5	3472.6	3734.5	3993.1	4232.3	4457.7	4664.9	4847.1	4998.2
30°	2905.6	3208.6	3506.8	3803.3	4102.1	4383.8	4648.9	4896.4	5121.3	5319.8	5491.4
27.5°	3154.2	3479.8	3799.7	4138.8	4463.5	4770.0	5057.9	5324.0	5575.1	5800.8	5995.6
25°	3384.2	3730.1	4102.9	4458.5	4805.9	5145.9	5461.4	5750.5	6037.5	6285.8	6497.3
22.5°	3601.4	3987.4	4380.0	4752.9	5136.3	5510.1	5863.3	6198.2	6504.8	6765.0	6990.5
20°	3808.0	4223.4	4627.9	5040.9	5456.0	5859.3	6248.1	6606.1	6930.0	7213.6	7467.9
17.5°	4003.2	4433.0	4862.9	5303.8	5752.2	6176.1	6588.1	6977.5	7331.2	7645.7	7932.5
15°	4172.0	4616.1	5076.4	5545.1	6014.0	6464.8	6902.0	7326.3	7724.2	8066.6	8355.7
12.5°	4315.5	4778.1	5265.0	5756.7	6251.0	6723.6	7187.0	7641.0	8063.9	8432.0	8729.0
10°	4434.4	4919.2	5427.8	5939.9	6446.9	6937.9	7419.9	7889.6	8343.9	8725.4	9030.4
7.5°	4533.6	5036.9	5557.3	6084.9	6596.5	7106.4	7609.1	8083.6	8531.1	8933.4	9246.8
5°	4607.6	5119.4	5650.8	6191.5	6710.9	7239.0	7756.6	8242.3	8685.3	9049.9	9305.7
2.5°	4662.8	5170.8	5711.5	6255.8	6782.1	7329.2	7857.9	8344.0	8797.5	9142.6	9364.1
0°	4700.3	5199.1	5766.6	6300.4	6835.4	7396.7	7919.2	8410.5	8865.6	9203.1	9431.8
-2.5°	4662.8	5170.8	5711.5	6255.8	6782.1	7329.2	7857.9	8344.0	8797.5	9142.6	9364.1
-5°	4607.6	5119.4	5650.8	6191.5	6710.9	7239.0	7756.6	8242.3	8685.3	9049.9	9305.7
-7.5°	4533.6	5036.9	5557.3	6084.9	6596.5	7106.4	7609.1	8083.6	8531.1	8933.4	9246.8
-10°	4434.4	4919.2	5427.8	5939.9	6446.9	6937.9	7419.9	7889.6	8343.9	8725.4	9030.4
-12.5°	4315.5	4778.1	5265.0	5756.7	6251.0	6723.6	7187.0	7641.0	8063.9	8432.0	8729.0
-15°	4172.0	4616.1	5076.4	5545.1	6014.0	6464.8	6902.0	7326.3	7724.2	8066.6	8355.7
-17.5°	4003.2	4433.0	4862.9	5303.8	5752.2	6176.1	6588.1	6977.5	7331.2	7645.7	7932.5
-20°	3808.0	4223.4	4627.9	5040.9	5456.0	5859.3	6248.1	6606.1	6930.0	7213.6	7467.9



REPORT NUMBER: P558811 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-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°	3601.4	3987.4	4380.0	4752.9	5136.3	5510.1	5863.3	6198.2	6504.8	6765.0	6990.5
-25°	3384.2	3730.1	4102.9	4458.5	4805.9	5145.9	5461.4	5750.5	6037.5	6285.8	6497.3
-27.5°	3154.2	3479.8	3799.7	4138.8	4463.5	4770.0	5057.9	5324.0	5575.1	5800.8	5995.6
-30°	2905.6	3208.6	3506.8	3803.3	4102.1	4383.8	4648.9	4896.4	5121.3	5319.8	5491.4
-32.5°	2646.6	2921.8	3200.5	3472.6	3734.5	3993.1	4232.3	4457.7	4664.9	4847.1	4998.2
-35°	2380.6	2634.5	2882.1	3133.6	3369.9	3600.9	3819.0	4018.9	4194.3	4358.9	4500.3
-37.5°	2115.1	2345.5	2573.0	2796.2	3012.6	3212.2	3409.5	3591.1	3749.4	3889.2	4006.5
-40°	1863.5	2060.8	2267.9	2463.7	2660.1	2843.6	3015.6	3173.0	3308.1	3427.5	3528.6
-42.5°	1616.3	1799.3	1973.6	2150.0	2315.4	2476.2	2631.4	2769.3	2887.9	2988.8	3070.0
-45°	1358.7	1531.6	1695.5	1849.6	1997.5	2140.9	2269.4	2382.7	2494.4	2586.7	2659.7
-47.5°	1054.1	1247.4	1407.2	1550.9	1686.9	1814.7	1934.2	2033.8	2118.2	2196.1	2260.9
-50°	748.0	913.1	1082.3	1238.1	1364.2	1479.5	1588.7	1670.6	1739.1	1798.1	1850.3
-52.5°	467.2	604.2	743.1	873.7	1002.2	1119.0	1223.9	1306.5	1370.9	1419.3	1465.1
-55°	347.9	397.7	442.5	543.1	650.6	743.7	830.8	923.9	999.7	1059.0	1113.8
-57.5°	277.9	295.0	318.6	361.2	400.2	435.5	495.7	569.3	634.8	692.2	742.6
-60°	234.0	244.3	259.8	275.5	289.5	302.2	333.0	360.4	383.9	404.0	423.5
-62.5°	198.6	210.8	217.2	225.5	237.1	249.6	254.4	261.3	269.7	279.2	287.8
-65°	154.1	163.5	173.1	177.7	178.1	184.1	193.4	198.6	200.1	201.3	204.3
-67.5°	127.5	130.1	135.1	139.8	145.4	149.5	154.0	158.3	162.2	165.6	168.4
-70°	106.1	110.5	114.6	118.4	122.0	125.3	128.3	131.1	133.6	134.0	134.6
-72.5°	87.1	91.5	95.1	98.7	101.9	104.4	106.2	107.8	109.0	100.8	89.2
-75°	70.9	75.4	79.2	82.5	85.4	86.9	87.9	88.8	89.7	79.6	66.2
-77.5°	57.0	60.5	62.3	64.5	66.9	67.4	67.5	67.7	68.0	60.3	50.6
-80°	36.7	40.2	42.5	44.3	45.8	44.4	42.3	39.8	37.0	32.9	28.4
-82.5°	19.6	21.1	22.4	23.9	25.4	25.2	24.5	23.5	22.2	19.8	17.1
-85°	7.7	7.5	7.3	6.9	6.4	6.6	6.8	6.9	7.1	6.6	6.1
-87.5°	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558811 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-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°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2
85°	5.6	5.0	5.0	5.0	5.0	5.0	5.6	6.1	6.6	7.1	6.9
82.5°	14.3	11.3	11.9	12.5	11.9	11.3	14.3	17.1	19.8	22.2	23.5
80°	23.7	18.8	19.4	20.0	19.4	18.8	23.7	28.4	32.9	37.0	39.8
77.5°	40.1	29.1	28.1	27.5	28.1	29.1	40.1	50.6	60.3	68.0	67.7
75°	52.4	38.3	37.4	37.5	37.4	38.3	52.4	66.2	79.6	89.7	88.8
72.5°	77.4	65.4	57.2	48.8	57.2	65.4	77.4	89.2	100.8	109.0	107.8
70°	136.0	137.7	137.0	135.0	137.0	137.7	136.0	134.6	134.0	133.6	131.1
67.5°	170.7	172.5	172.9	172.5	172.9	172.5	170.7	168.4	165.6	162.2	158.3
65°	206.3	207.5	208.4	208.8	208.4	207.5	206.3	204.3	201.3	200.1	198.6
62.5°	294.2	298.5	303.1	306.3	303.1	298.5	294.2	287.8	279.2	269.7	261.3
60°	440.5	454.5	460.7	461.3	460.7	454.5	440.5	423.5	404.0	383.9	360.4
57.5°	782.9	813.1	840.0	860.1	840.0	813.1	782.9	742.6	692.2	634.8	569.3
55°	1157.5	1189.6	1207.7	1212.6	1207.7	1189.6	1157.5	1113.8	1059.0	999.7	923.9
52.5°	1499.9	1521.2	1541.4	1558.8	1541.4	1521.2	1499.9	1465.1	1419.3	1370.9	1306.5
50°	1889.7	1913.5	1933.5	1948.9	1933.5	1913.5	1889.7	1850.3	1798.1	1739.1	1670.6
47.5°	2306.4	2335.5	2356.9	2371.4	2356.9	2335.5	2306.4	2260.9	2196.1	2118.2	2033.8
45°	2722.2	2772.0	2802.3	2807.7	2802.3	2772.0	2722.2	2659.7	2586.7	2494.4	2382.7
42.5°	3140.1	3187.9	3220.2	3244.0	3220.2	3187.9	3140.1	3070.0	2988.8	2887.9	2769.3
40°	3612.8	3672.8	3700.3	3682.7	3700.3	3672.8	3612.8	3528.6	3427.5	3308.1	3173.0
37.5°	4097.0	4158.7	4190.5	4189.0	4190.5	4158.7	4097.0	4006.5	3889.2	3749.4	3591.1
35°	4610.3	4686.8	4728.2	4717.8	4728.2	4686.8	4610.3	4500.3	4358.9	4194.3	4018.9
32.5°	5118.9	5211.3	5271.0	5280.3	5271.0	5211.3	5118.9	4998.2	4847.1	4664.9	4457.7
30°	5629.0	5729.0	5788.3	5794.1	5788.3	5729.0	5629.0	5491.4	5319.8	5121.3	4896.4
27.5°	6159.1	6270.9	6333.0	6347.9	6333.0	6270.9	6159.1	5995.6	5800.8	5575.1	5324.0
25°	6677.7	6801.8	6873.1	6900.4	6873.1	6801.8	6677.7	6497.3	6285.8	6037.5	5750.5
22.5°	7177.8	7313.9	7406.8	7430.5	7406.8	7313.9	7177.8	6990.5	6765.0	6504.8	6198.2
20°	7679.3	7839.9	7958.8	7970.5	7958.8	7839.9	7679.3	7467.9	7213.6	6930.0	6606.1
17.5°	8162.2	8336.0	8463.2	8494.3	8463.2	8336.0	8162.2	7932.5	7645.7	7331.2	6977.5
15°	8594.6	8777.0	8899.8	8926.8	8899.8	8777.0	8594.6	8355.7	8066.6	7724.2	7326.3
12.5°	8967.7	9135.8	9250.4	9294.3	9250.4	9135.8	8967.7	8729.0	8432.0	8063.9	7641.0
10°	9268.2	9398.1	9500.6	9546.8	9500.6	9398.1	9268.2	9030.4	8725.4	8343.9	7889.6
7.5°	9436.0	9542.8	9613.8	9639.4	9613.8	9542.8	9436.0	9246.8	8933.4	8531.1	8083.6
5°	9502.3	9604.8	9643.2	9665.6	9643.2	9604.8	9502.3	9305.7	9049.9	8685.3	8242.3
2.5°	9511.3	9593.4	9672.4	9724.4	9672.4	9593.4	9511.3	9364.1	9142.6	8797.5	8344.0
0°	9564.4	9644.4	9688.1	9713.1	9688.1	9644.4	9564.4	9431.8	9203.1	8865.6	8410.5
-2.5°	9511.3	9593.4	9672.4	9724.4	9672.4	9593.4	9511.3	9364.1	9142.6	8797.5	8344.0
-5°	9502.3	9604.8	9643.2	9665.6	9643.2	9604.8	9502.3	9305.7	9049.9	8685.3	8242.3
-7.5°	9436.0	9542.8	9613.8	9639.4	9613.8	9542.8	9436.0	9246.8	8933.4	8531.1	8083.6
-10°	9268.2	9398.1	9500.6	9546.8	9500.6	9398.1	9268.2	9030.4	8725.4	8343.9	7889.6
-12.5°	8967.7	9135.8	9250.4	9294.3	9250.4	9135.8	8967.7	8729.0	8432.0	8063.9	7641.0
-15°	8594.6	8777.0	8899.8	8926.8	8899.8	8777.0	8594.6	8355.7	8066.6	7724.2	7326.3
-17.5°	8162.2	8336.0	8463.2	8494.3	8463.2	8336.0	8162.2	7932.5	7645.7	7331.2	6977.5
-20°	7679.3	7839.9	7958.8	7970.5	7958.8	7839.9	7679.3	7467.9	7213.6	6930.0	6606.1



REPORT NUMBER: P558811 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-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°	7177.8	7313.9	7406.8	7430.5	7406.8	7313.9	7177.8	6990.5	6765.0	6504.8	6198.2
-25°	6677.7	6801.8	6873.1	6900.4	6873.1	6801.8	6677.7	6497.3	6285.8	6037.5	5750.5
-27.5°	6159.1	6270.9	6333.0	6347.9	6333.0	6270.9	6159.1	5995.6	5800.8	5575.1	5324.0
-30°	5629.0	5729.0	5788.3	5794.1	5788.3	5729.0	5629.0	5491.4	5319.8	5121.3	4896.4
-32.5°	5118.9	5211.3	5271.0	5280.3	5271.0	5211.3	5118.9	4998.2	4847.1	4664.9	4457.7
-35°	4610.3	4686.8	4728.2	4717.8	4728.2	4686.8	4610.3	4500.3	4358.9	4194.3	4018.9
-37.5°	4097.0	4158.7	4190.5	4189.0	4190.5	4158.7	4097.0	4006.5	3889.2	3749.4	3591.1
-40°	3612.8	3672.8	3700.3	3682.7	3700.3	3672.8	3612.8	3528.6	3427.5	3308.1	3173.0
-42.5°	3140.1	3187.9	3220.2	3244.0	3220.2	3187.9	3140.1	3070.0	2988.8	2887.9	2769.3
-45°	2722.2	2772.0	2802.3	2807.7	2802.3	2772.0	2722.2	2659.7	2586.7	2494.4	2382.7
-47.5°	2306.4	2335.5	2356.9	2371.4	2356.9	2335.5	2306.4	2260.9	2196.1	2118.2	2033.8
-50°	1889.7	1913.5	1933.5	1948.9	1933.5	1913.5	1889.7	1850.3	1798.1	1739.1	1670.6
-52.5°	1499.9	1521.2	1541.4	1558.8	1541.4	1521.2	1499.9	1465.1	1419.3	1370.9	1306.5
-55°	1157.5	1189.6	1207.7	1212.6	1207.7	1189.6	1157.5	1113.8	1059.0	999.7	923.9
-57.5°	782.9	813.1	840.0	860.1	840.0	813.1	782.9	742.6	692.2	634.8	569.3
-60°	440.5	454.5	460.7	461.3	460.7	454.5	440.5	423.5	404.0	383.9	360.4
-62.5°	294.2	298.5	303.1	306.3	303.1	298.5	294.2	287.8	279.2	269.7	261.3
-65°	206.3	207.5	208.4	208.8	208.4	207.5	206.3	204.3	201.3	200.1	198.6
-67.5°	170.7	172.5	172.9	172.5	172.9	172.5	170.7	168.4	165.6	162.2	158.3
-70°	136.0	137.7	137.0	135.0	137.0	137.7	136.0	134.6	134.0	133.6	131.1
-72.5°	77.4	65.4	57.2	48.8	57.2	65.4	77.4	89.2	100.8	109.0	107.8
-75°	52.4	38.3	37.4	37.5	37.4	38.3	52.4	66.2	79.6	89.7	88.8
-77.5°	40.1	29.1	28.1	27.5	28.1	29.1	40.1	50.6	60.3	68.0	67.7
-80°	23.7	18.8	19.4	20.0	19.4	18.8	23.7	28.4	32.9	37.0	39.8
-82.5°	14.3	11.3	11.9	12.5	11.9	11.3	14.3	17.1	19.8	22.2	23.5
-85°	5.6	5.0	5.0	5.0	5.0	5.0	5.6	6.1	6.6	7.1	6.9
-87.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.3	1.5	1.6	1.8
85°	6.8	6.6	6.4	6.9	7.3	7.5	7.7	6.7	5.9	5.1	4.6
82.5°	24.5	25.2	25.4	23.9	22.4	21.1	19.6	16.4	13.5	10.9	8.8
80°	42.3	44.4	45.8	44.3	42.5	40.2	36.7	30.1	24.2	19.4	16.4
77.5°	67.5	67.4	66.9	64.5	62.3	60.5	57.0	47.0	37.3	28.6	24.3
75°	87.9	86.9	85.4	82.5	79.2	75.4	70.9	64.0	55.3	44.9	37.6
72.5°	106.2	104.4	101.9	98.7	95.1	91.5	87.1	81.4	74.7	67.1	61.1
70°	128.3	125.3	122.0	118.4	114.6	110.5	106.1	100.5	93.5	86.0	81.8
67.5°	154.0	149.5	145.4	139.8	135.1	130.1	127.5	122.8	116.4	108.7	103.5
65°	193.4	184.1	178.1	177.7	173.1	163.5	154.1	149.4	144.3	135.7	126.6
62.5°	254.4	249.6	237.1	225.5	217.2	210.8	198.6	185.6	175.5	166.7	154.8
60°	333.0	302.2	289.5	275.5	259.8	244.3	234.0	221.3	206.5	194.6	182.5
57.5°	495.7	435.5	400.2	361.2	318.6	295.0	277.9	258.1	241.3	224.9	209.6
55°	830.8	743.7	650.6	543.1	442.5	397.7	347.9	308.6	284.4	256.7	238.4
52.5°	1223.9	1119.0	1002.2	873.7	743.1	604.2	467.2	409.1	342.3	301.1	270.5
50°	1588.7	1479.5	1364.2	1238.1	1082.3	913.1	748.0	583.3	448.8	372.0	310.7
47.5°	1934.2	1814.7	1686.9	1550.9	1407.2	1247.4	1054.1	851.4	660.7	469.4	385.8
45°	2269.4	2140.9	1997.5	1849.6	1695.5	1531.6	1358.7	1150.6	921.4	701.3	474.0
42.5°	2631.4	2476.2	2315.4	2150.0	1973.6	1799.3	1616.3	1421.1	1201.1	948.3	702.3
40°	3015.6	2843.6	2660.1	2463.7	2267.9	2060.8	1863.5	1658.3	1444.2	1205.4	928.0
37.5°	3409.5	3212.2	3012.6	2796.2	2573.0	2345.5	2115.1	1889.0	1660.4	1427.0	1158.4
35°	3819.0	3600.9	3369.9	3133.6	2882.1	2634.5	2380.6	2123.8	1873.6	1624.5	1367.8
32.5°	4232.3	3993.1	3734.5	3472.6	3200.5	2921.8	2646.6	2367.9	2082.1	1816.4	1547.6
30°	4648.9	4383.8	4102.1	3803.3	3506.8	3208.6	2905.6	2600.0	2293.9	1998.8	1720.1
27.5°	5057.9	4770.0	4463.5	4138.8	3799.7	3479.8	3154.2	2822.9	2493.4	2179.2	1880.0
25°	5461.4	5145.9	4805.9	4458.5	4102.9	3730.1	3384.2	3035.8	2689.1	2347.6	2024.6
22.5°	5863.3	5510.1	5136.3	4752.9	4380.0	3987.4	3601.4	3231.5	2869.8	2507.9	2165.9
20°	6248.1	5859.3	5456.0	5040.9	4627.9	4223.4	3808.0	3414.7	3032.7	2657.9	2297.4
17.5°	6588.1	6176.1	5752.2	5303.8	4862.9	4433.0	4003.2	3582.5	3180.2	2788.3	2416.4
15°	6902.0	6464.8	6014.0	5545.1	5076.4	4616.1	4172.0	3730.3	3312.4	2904.2	2522.0
12.5°	7187.0	6723.6	6251.0	5756.7	5265.0	4778.1	4315.5	3863.5	3427.9	3007.5	2611.1
10°	7419.9	6937.9	6446.9	5939.9	5427.8	4919.2	4434.4	3970.8	3521.0	3089.8	2685.2
7.5°	7609.1	7106.4	6596.5	6084.9	5557.3	5036.9	4533.6	4052.0	3593.6	3149.9	2743.6
5°	7756.6	7239.0	6710.9	6191.5	5650.8	5119.4	4607.6	4106.7	3644.6	3188.5	2785.6
2.5°	7857.9	7329.2	6782.1	6255.8	5711.5	5170.8	4662.8	4149.0	3680.9	3229.1	2822.4
0°	7919.2	7396.7	6835.4	6300.4	5766.6	5199.1	4700.3	4177.8	3696.5	3255.2	2841.4
-2.5°	7857.9	7329.2	6782.1	6255.8	5711.5	5170.8	4662.8	4149.0	3680.9	3229.1	2822.4
-5°	7756.6	7239.0	6710.9	6191.5	5650.8	5119.4	4607.6	4106.7	3644.6	3188.5	2785.6
-7.5°	7609.1	7106.4	6596.5	6084.9	5557.3	5036.9	4533.6	4052.0	3593.6	3149.9	2743.6
-10°	7419.9	6937.9	6446.9	5939.9	5427.8	4919.2	4434.4	3970.8	3521.0	3089.8	2685.2
-12.5°	7187.0	6723.6	6251.0	5756.7	5265.0	4778.1	4315.5	3863.5	3427.9	3007.5	2611.1
-15°	6902.0	6464.8	6014.0	5545.1	5076.4	4616.1	4172.0	3730.3	3312.4	2904.2	2522.0
-17.5°	6588.1	6176.1	5752.2	5303.8	4862.9	4433.0	4003.2	3582.5	3180.2	2788.3	2416.4
-20°	6248.1	5859.3	5456.0	5040.9	4627.9	4223.4	3808.0	3414.7	3032.7	2657.9	2297.4



REPORT NUMBER: P558811 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-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°	5863.3	5510.1	5136.3	4752.9	4380.0	3987.4	3601.4	3231.5	2869.8	2507.9	2165.9
-25°	5461.4	5145.9	4805.9	4458.5	4102.9	3730.1	3384.2	3035.8	2689.1	2347.6	2024.6
-27.5°	5057.9	4770.0	4463.5	4138.8	3799.7	3479.8	3154.2	2822.9	2493.4	2179.2	1880.0
-30°	4648.9	4383.8	4102.1	3803.3	3506.8	3208.6	2905.6	2600.0	2293.9	1998.8	1720.1
-32.5°	4232.3	3993.1	3734.5	3472.6	3200.5	2921.8	2646.6	2367.9	2082.1	1816.4	1547.6
-35°	3819.0	3600.9	3369.9	3133.6	2882.1	2634.5	2380.6	2123.8	1873.6	1624.5	1367.8
-37.5°	3409.5	3212.2	3012.6	2796.2	2573.0	2345.5	2115.1	1889.0	1660.4	1427.0	1158.4
-40°	3015.6	2843.6	2660.1	2463.7	2267.9	2060.8	1863.5	1658.3	1444.2	1205.4	928.0
-42.5°	2631.4	2476.2	2315.4	2150.0	1973.6	1799.3	1616.3	1421.1	1201.1	948.3	702.3
-45°	2269.4	2140.9	1997.5	1849.6	1695.5	1531.6	1358.7	1150.6	921.4	701.3	474.0
-47.5°	1934.2	1814.7	1686.9	1550.9	1407.2	1247.4	1054.1	851.4	660.7	469.4	385.8
-50°	1588.7	1479.5	1364.2	1238.1	1082.3	913.1	748.0	583.3	448.8	372.0	310.7
-52.5°	1223.9	1119.0	1002.2	873.7	743.1	604.2	467.2	409.1	342.3	301.1	270.5
-55°	830.8	743.7	650.6	543.1	442.5	397.7	347.9	308.6	284.4	256.7	238.4
-57.5°	495.7	435.5	400.2	361.2	318.6	295.0	277.9	258.1	241.3	224.9	209.6
-60°	333.0	302.2	289.5	275.5	259.8	244.3	234.0	221.3	206.5	194.6	182.5
-62.5°	254.4	249.6	237.1	225.5	217.2	210.8	198.6	185.6	175.5	166.7	154.8
-65°	193.4	184.1	178.1	177.7	173.1	163.5	154.1	149.4	144.3	135.7	126.6
-67.5°	154.0	149.5	145.4	139.8	135.1	130.1	127.5	122.8	116.4	108.7	103.5
-70°	128.3	125.3	122.0	118.4	114.6	110.5	106.1	100.5	93.5	86.0	81.8
-72.5°	106.2	104.4	101.9	98.7	95.1	91.5	87.1	81.4	74.7	67.1	61.1
-75°	87.9	86.9	85.4	82.5	79.2	75.4	70.9	64.0	55.3	44.9	37.6
-77.5°	67.5	67.4	66.9	64.5	62.3	60.5	57.0	47.0	37.3	28.6	24.3
-80°	42.3	44.4	45.8	44.3	42.5	40.2	36.7	30.1	24.2	19.4	16.4
-82.5°	24.5	25.2	25.4	23.9	22.4	21.1	19.6	16.4	13.5	10.9	8.8
-85°	6.8	6.6	6.4	6.9	7.3	7.5	7.7	6.7	5.9	5.1	4.6
-87.5°	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.3	1.5	1.6	1.8
-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: P558811 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.7	1.6	1.5	1.4	1.5	1.6	1.6	1.6	1.5	1.3	1.1
85°	4.6	4.5	4.2	3.8	3.6	3.2	3.2	3.2	2.9	2.6	2.3
82.5°	8.9	9.0	9.0	8.9	8.8	8.5	8.0	7.1	5.6	4.1	3.4
80°	18.4	19.4	19.4	18.3	16.0	13.9	13.4	12.3	10.2	8.1	6.1
77.5°	28.0	30.7	32.3	31.7	28.2	24.9	21.7	18.3	14.7	12.0	9.5
75°	38.4	41.9	44.5	44.5	40.8	35.9	31.6	27.1	21.7	16.2	12.8
72.5°	58.0	56.7	57.1	57.4	54.2	49.5	43.1	35.7	29.5	23.2	16.8
70°	77.9	72.7	69.3	68.6	67.0	63.5	57.1	47.5	37.3	30.1	22.9
67.5°	98.7	93.6	86.9	81.1	78.9	75.9	71.0	59.7	47.7	37.0	28.9
65°	120.2	114.0	107.7	99.2	92.7	88.3	83.3	71.3	57.6	45.3	34.7
62.5°	143.5	133.4	125.4	116.2	107.4	100.7	95.4	82.4	67.4	53.3	41.0
60°	169.2	156.3	143.2	132.2	121.7	112.3	104.8	93.5	78.0	60.9	47.3
57.5°	195.2	179.5	163.2	148.6	136.3	124.6	113.7	102.8	88.5	70.2	53.0
55°	221.4	203.9	183.2	165.4	150.7	137.6	123.4	111.3	98.5	79.9	57.4
52.5°	246.7	226.8	204.7	182.6	164.6	149.8	134.1	119.7	106.3	89.6	63.9
50°	277.6	248.8	225.5	201.6	178.3	161.1	144.2	128.5	114.0	98.4	70.0
47.5°	313.3	276.8	246.1	220.1	195.0	172.1	154.2	136.9	121.6	105.3	75.3
45°	384.6	308.8	270.1	239.1	210.7	185.4	164.2	144.7	128.5	108.3	79.7
42.5°	466.1	368.4	298.4	257.9	227.6	198.8	173.9	153.3	135.0	110.2	82.2
40°	662.2	442.8	336.6	283.1	244.6	211.3	184.9	161.9	140.4	111.4	83.2
37.5°	863.6	581.0	403.7	307.5	262.7	226.5	195.3	170.1	142.8	112.6	83.5
35°	1067.9	761.5	469.5	351.6	284.4	241.2	204.8	178.3	148.0	113.7	83.0
32.5°	1261.8	935.9	620.3	409.9	305.2	255.5	216.0	186.5	154.6	114.9	81.9
30°	1428.2	1105.3	769.8	465.6	334.3	273.1	228.4	194.2	162.6	116.0	80.7
27.5°	1579.6	1263.4	910.2	573.6	382.3	290.1	240.1	201.5	171.7	118.8	81.0
25°	1718.8	1398.4	1045.8	692.0	427.5	306.3	250.7	208.4	178.9	125.0	81.0
22.5°	1841.8	1518.5	1169.9	799.8	468.1	322.1	262.1	217.2	184.4	131.5	80.8
20°	1952.2	1627.7	1282.6	899.3	535.0	355.8	274.4	225.0	189.4	138.2	80.3
17.5°	2051.5	1722.6	1377.4	993.8	615.0	385.5	285.6	231.8	193.9	144.9	79.6
15°	2148.4	1803.2	1457.8	1077.3	685.4	411.3	295.7	237.7	197.8	151.5	79.2
12.5°	2229.9	1872.1	1525.7	1149.5	745.9	433.2	304.5	242.5	201.2	157.3	78.7
10°	2295.2	1929.0	1580.9	1209.9	796.3	450.9	312.1	246.2	203.8	162.1	77.1
7.5°	2344.5	1973.5	1623.5	1258.2	836.1	465.6	316.9	248.3	205.9	166.0	74.7
5°	2380.0	2007.1	1654.5	1293.8	864.9	477.5	320.0	249.4	207.5	168.7	71.5
2.5°	2409.4	2030.7	1674.0	1316.6	882.4	485.8	321.4	249.5	208.5	170.1	67.8
0°	2423.9	2041.4	1681.4	1326.3	888.8	490.0	321.3	248.8	208.8	170.0	63.8
-2.5°	2409.4	2030.7	1674.0	1316.6	882.4	485.8	321.4	249.5	208.5	170.1	67.8
-5°	2380.0	2007.1	1654.5	1293.8	864.9	477.5	320.0	249.4	207.5	168.7	71.5
-7.5°	2344.5	1973.5	1623.5	1258.2	836.1	465.6	316.9	248.3	205.9	166.0	74.7
-10°	2295.2	1929.0	1580.9	1209.9	796.3	450.9	312.1	246.2	203.8	162.1	77.1
-12.5°	2229.9	1872.1	1525.7	1149.5	745.9	433.2	304.5	242.5	201.2	157.3	78.7
-15°	2148.4	1803.2	1457.8	1077.3	685.4	411.3	295.7	237.7	197.8	151.5	79.2
-17.5°	2051.5	1722.6	1377.4	993.8	615.0	385.5	285.6	231.8	193.9	144.9	79.6
-20°	1952.2	1627.7	1282.6	899.3	535.0	355.8	274.4	225.0	189.4	138.2	80.3



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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°	1841.8	1518.5	1169.9	799.8	468.1	322.1	262.1	217.2	184.4	131.5	80.8
-25°	1718.8	1398.4	1045.8	692.0	427.5	306.3	250.7	208.4	178.9	125.0	81.0
-27.5°	1579.6	1263.4	910.2	573.6	382.3	290.1	240.1	201.5	171.7	118.8	81.0
-30°	1428.2	1105.3	769.8	465.6	334.3	273.1	228.4	194.2	162.6	116.0	80.7
-32.5°	1261.8	935.9	620.3	409.9	305.2	255.5	216.0	186.5	154.6	114.9	81.9
-35°	1067.9	761.5	469.5	351.6	284.4	241.2	204.8	178.3	148.0	113.7	83.0
-37.5°	863.6	581.0	403.7	307.5	262.7	226.5	195.3	170.1	142.8	112.6	83.5
-40°	662.2	442.8	336.6	283.1	244.6	211.3	184.9	161.9	140.4	111.4	83.2
-42.5°	466.1	368.4	298.4	257.9	227.6	198.8	173.9	153.3	135.0	110.2	82.2
-45°	384.6	308.8	270.1	239.1	210.7	185.4	164.2	144.7	128.5	108.3	79.7
-47.5°	313.3	276.8	246.1	220.1	195.0	172.1	154.2	136.9	121.6	105.3	75.3
-50°	277.6	248.8	225.5	201.6	178.3	161.1	144.2	128.5	114.0	98.4	70.0
-52.5°	246.7	226.8	204.7	182.6	164.6	149.8	134.1	119.7	106.3	89.6	63.9
-55°	221.4	203.9	183.2	165.4	150.7	137.6	123.4	111.3	98.5	79.9	57.4
-57.5°	195.2	179.5	163.2	148.6	136.3	124.6	113.7	102.8	88.5	70.2	53.0
-60°	169.2	156.3	143.2	132.2	121.7	112.3	104.8	93.5	78.0	60.9	47.3
-62.5°	143.5	133.4	125.4	116.2	107.4	100.7	95.4	82.4	67.4	53.3	41.0
-65°	120.2	114.0	107.7	99.2	92.7	88.3	83.3	71.3	57.6	45.3	34.7
-67.5°	98.7	93.6	86.9	81.1	78.9	75.9	71.0	59.7	47.7	37.0	28.9
-70°	77.9	72.7	69.3	68.6	67.0	63.5	57.1	47.5	37.3	30.1	22.9
-72.5°	58.0	56.7	57.1	57.4	54.2	49.5	43.1	35.7	29.5	23.2	16.8
-75°	38.4	41.9	44.5	44.5	40.8	35.9	31.6	27.1	21.7	16.2	12.8
-77.5°	28.0	30.7	32.3	31.7	28.2	24.9	21.7	18.3	14.7	12.0	9.5
-80°	18.4	19.4	19.4	18.3	16.0	13.9	13.4	12.3	10.2	8.1	6.1
-82.5°	8.9	9.0	9.0	8.9	8.8	8.5	8.0	7.1	5.6	4.1	3.4
-85°	4.6	4.5	4.2	3.8	3.6	3.2	3.2	3.2	2.9	2.6	2.3
-87.5°	1.7	1.6	1.5	1.4	1.5	1.6	1.6	1.6	1.5	1.3	1.1
-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°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
85°	2.0	1.6	1.3	1.0	0.7	0.3	0.0
82.5°	2.9	2.5	2.0	1.5	1.0	0.5	0.0
80°	4.1	3.3	2.6	2.0	1.3	0.7	0.0
77.5°	6.9	4.5	3.3	2.5	1.6	0.8	0.0
75°	9.6	6.5	4.0	2.9	2.0	1.0	0.0
72.5°	12.3	8.4	5.3	3.4	2.3	1.1	0.0
70°	15.1	10.2	6.6	3.9	2.6	1.3	0.0
67.5°	19.7	12.0	7.8	4.7	2.9	1.5	0.0
65°	24.0	14.3	8.9	5.4	3.2	1.6	0.0
62.5°	28.0	17.1	10.0	6.1	3.5	1.8	0.0
60°	31.7	19.7	11.0	6.7	3.8	1.9	0.0
57.5°	35.4	22.1	12.6	7.3	4.2	2.0	0.0
55°	38.7	24.2	14.0	7.9	4.5	2.2	0.0
52.5°	41.5	26.0	15.2	8.4	4.9	2.3	0.0
50°	43.8	27.7	16.3	8.9	5.2	2.4	0.0
47.5°	46.0	29.1	17.1	9.3	5.6	2.6	0.0
45°	49.7	30.2	17.8	9.8	5.9	2.7	0.0
42.5°	52.9	30.9	18.3	10.2	6.2	2.8	0.0
40°	55.3	31.2	18.6	10.6	6.5	2.9	0.0
37.5°	57.2	31.2	18.8	11.1	6.7	3.0	0.0
35°	58.4	31.9	18.7	11.6	7.0	3.1	0.0
32.5°	58.7	32.8	18.5	12.1	7.2	3.2	0.0
30°	57.6	33.2	18.0	12.5	7.5	3.3	0.0
27.5°	56.0	33.2	18.5	12.9	7.7	3.4	0.0
25°	54.0	32.8	19.0	13.2	7.9	3.4	0.0
22.5°	51.5	32.8	19.6	13.6	8.0	3.5	0.0
20°	48.7	34.3	20.0	13.9	8.2	3.6	0.0
17.5°	48.2	35.7	20.5	14.1	8.3	3.6	0.0
15°	49.1	36.8	20.9	14.4	8.5	3.7	0.0
12.5°	50.0	37.8	21.3	14.6	8.6	3.7	0.0
10°	50.8	38.6	21.6	14.7	8.6	3.7	0.0
7.5°	51.4	39.2	21.9	14.8	8.7	3.8	0.0
5°	51.9	39.7	22.2	14.9	8.8	3.8	0.0
2.5°	52.3	39.9	22.4	15.0	8.8	3.8	0.0
0°	52.5	40.0	22.5	15.0	8.8	3.8	0.0
-2.5°	52.3	39.9	22.4	15.0	8.8	3.8	0.0
-5°	51.9	39.7	22.2	14.9	8.8	3.8	0.0
-7.5°	51.4	39.2	21.9	14.8	8.7	3.8	0.0
-10°	50.8	38.6	21.6	14.7	8.6	3.7	0.0
-12.5°	50.0	37.8	21.3	14.6	8.6	3.7	0.0
-15°	49.1	36.8	20.9	14.4	8.5	3.7	0.0
-17.5°	48.2	35.7	20.5	14.1	8.3	3.6	0.0
-20°	48.7	34.3	20.0	13.9	8.2	3.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	51.5	32.8	19.6	13.6	8.0	3.5	0.0
-25°	54.0	32.8	19.0	13.2	7.9	3.4	0.0
-27.5°	56.0	33.2	18.5	12.9	7.7	3.4	0.0
-30°	57.6	33.2	18.0	12.5	7.5	3.3	0.0
-32.5°	58.7	32.8	18.5	12.1	7.2	3.2	0.0
-35°	58.4	31.9	18.7	11.6	7.0	3.1	0.0
-37.5°	57.2	31.2	18.8	11.1	6.7	3.0	0.0
-40°	55.3	31.2	18.6	10.6	6.5	2.9	0.0
-42.5°	52.9	30.9	18.3	10.2	6.2	2.8	0.0
-45°	49.7	30.2	17.8	9.8	5.9	2.7	0.0
-47.5°	46.0	29.1	17.1	9.3	5.6	2.6	0.0
-50°	43.8	27.7	16.3	8.9	5.2	2.4	0.0
-52.5°	41.5	26.0	15.2	8.4	4.9	2.3	0.0
-55°	38.7	24.2	14.0	7.9	4.5	2.2	0.0
-57.5°	35.4	22.1	12.6	7.3	4.2	2.0	0.0
-60°	31.7	19.7	11.0	6.7	3.8	1.9	0.0
-62.5°	28.0	17.1	10.0	6.1	3.5	1.8	0.0
-65°	24.0	14.3	8.9	5.4	3.2	1.6	0.0
-67.5°	19.7	12.0	7.8	4.7	2.9	1.5	0.0
-70°	15.1	10.2	6.6	3.9	2.6	1.3	0.0
-72.5°	12.3	8.4	5.3	3.4	2.3	1.1	0.0
-75°	9.6	6.5	4.0	2.9	2.0	1.0	0.0
-77.5°	6.9	4.5	3.3	2.5	1.6	0.8	0.0
-80°	4.1	3.3	2.6	2.0	1.3	0.7	0.0
-82.5°	2.9	2.5	2.0	1.5	1.0	0.5	0.0
-85°	2.0	1.6	1.3	1.0	0.7	0.3	0.0
-87.5°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)