

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: P558486 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-940-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558486 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1A-940-U-NAT-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (16) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

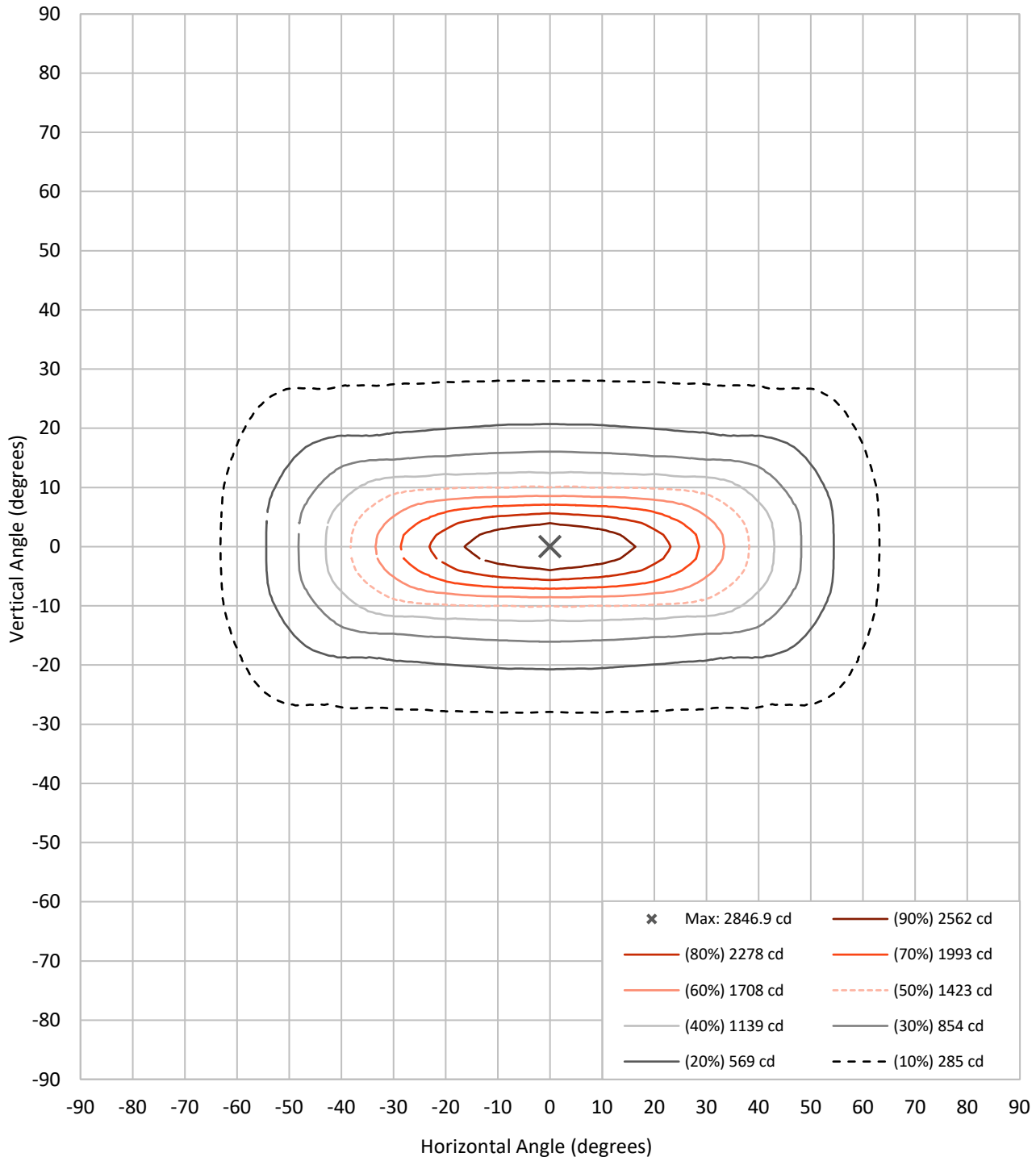
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	2038.9 lumens	Max Intensity:	2846.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	113.3 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	815.8 lumens	Field Lumens:	1671.1 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 18
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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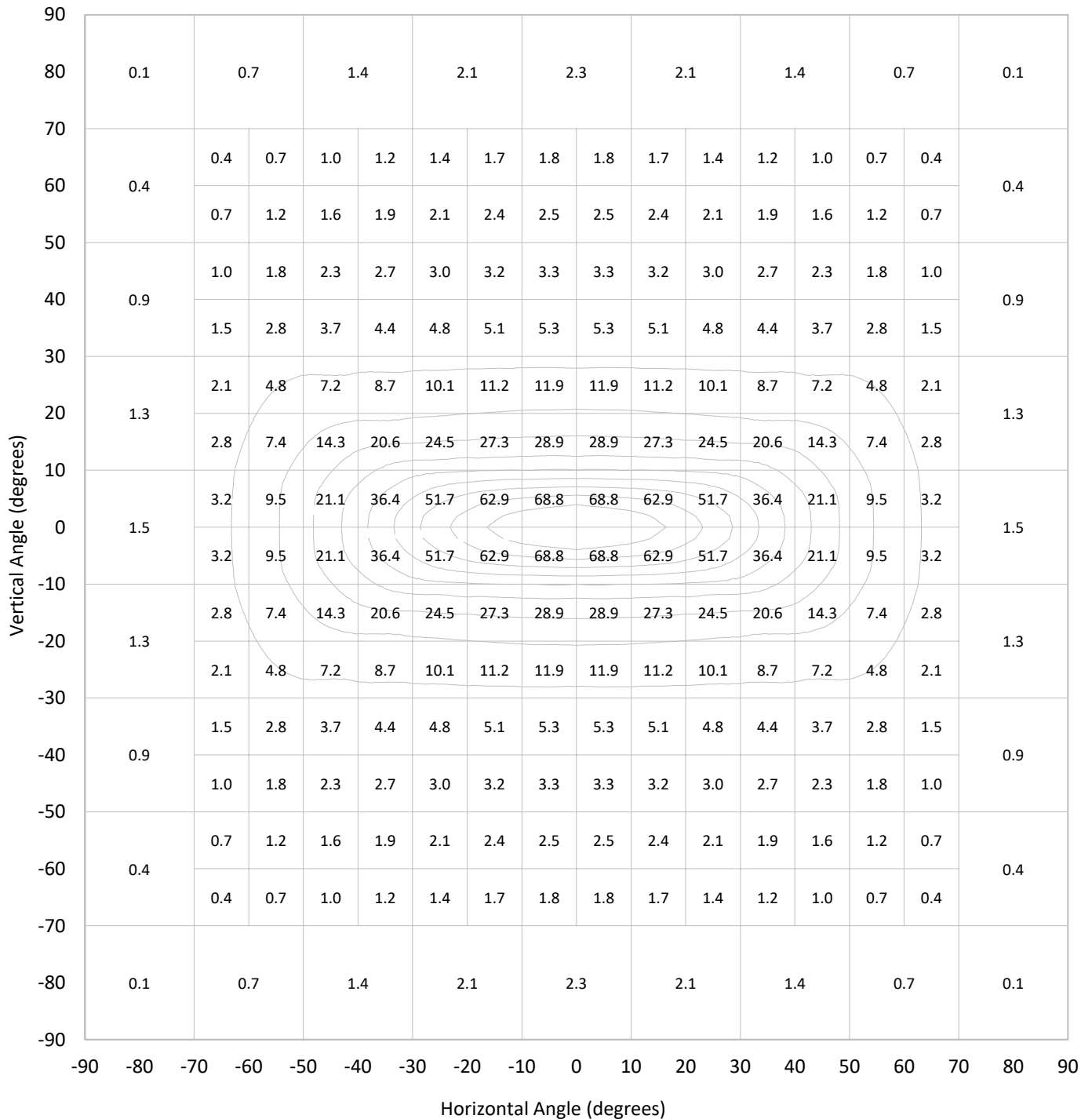
Iso-Candela Plot





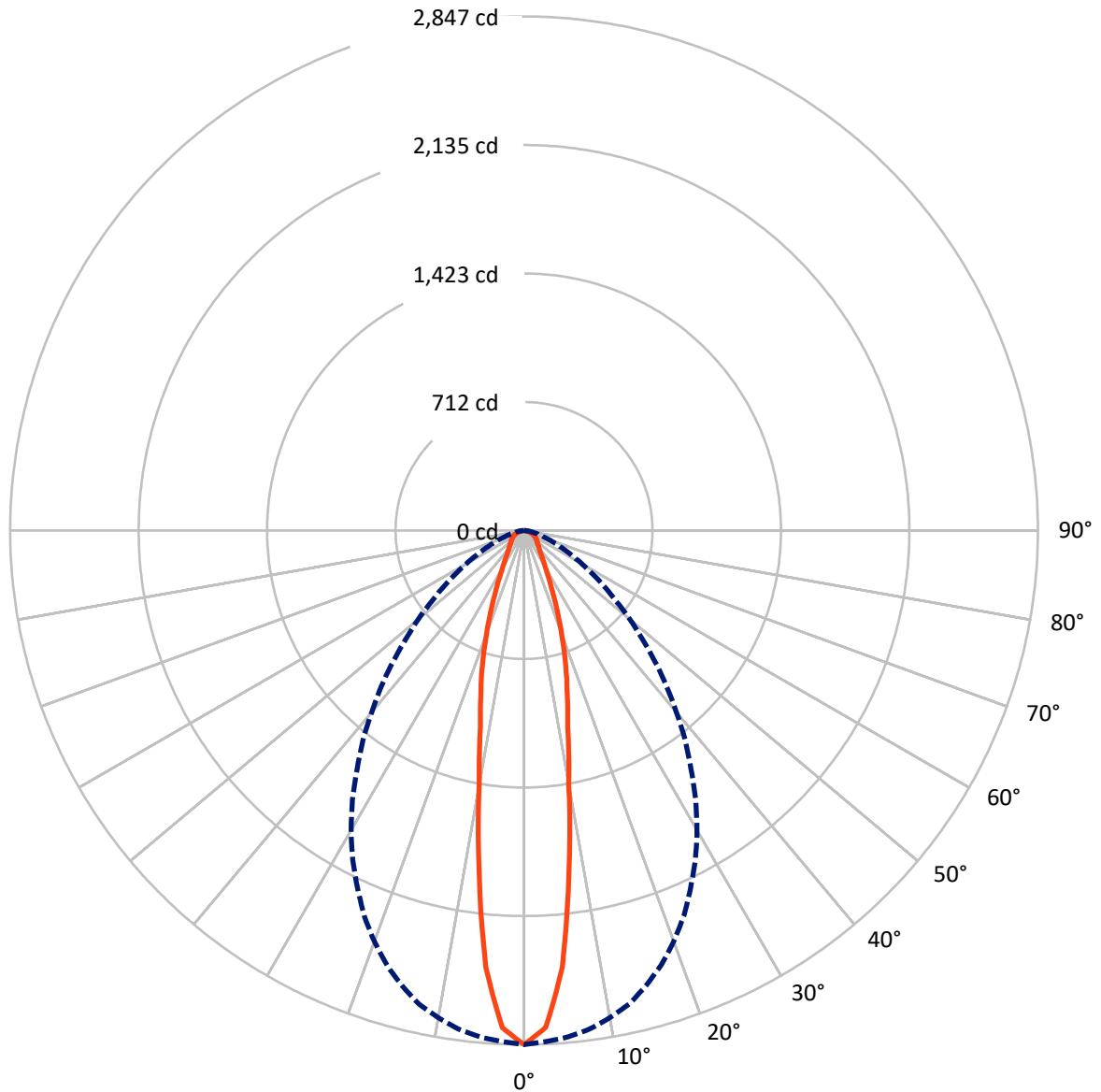
REPORT NUMBER: P558486 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P558486 (CONVERTED FROM TYPE C PHOTOMETRY)
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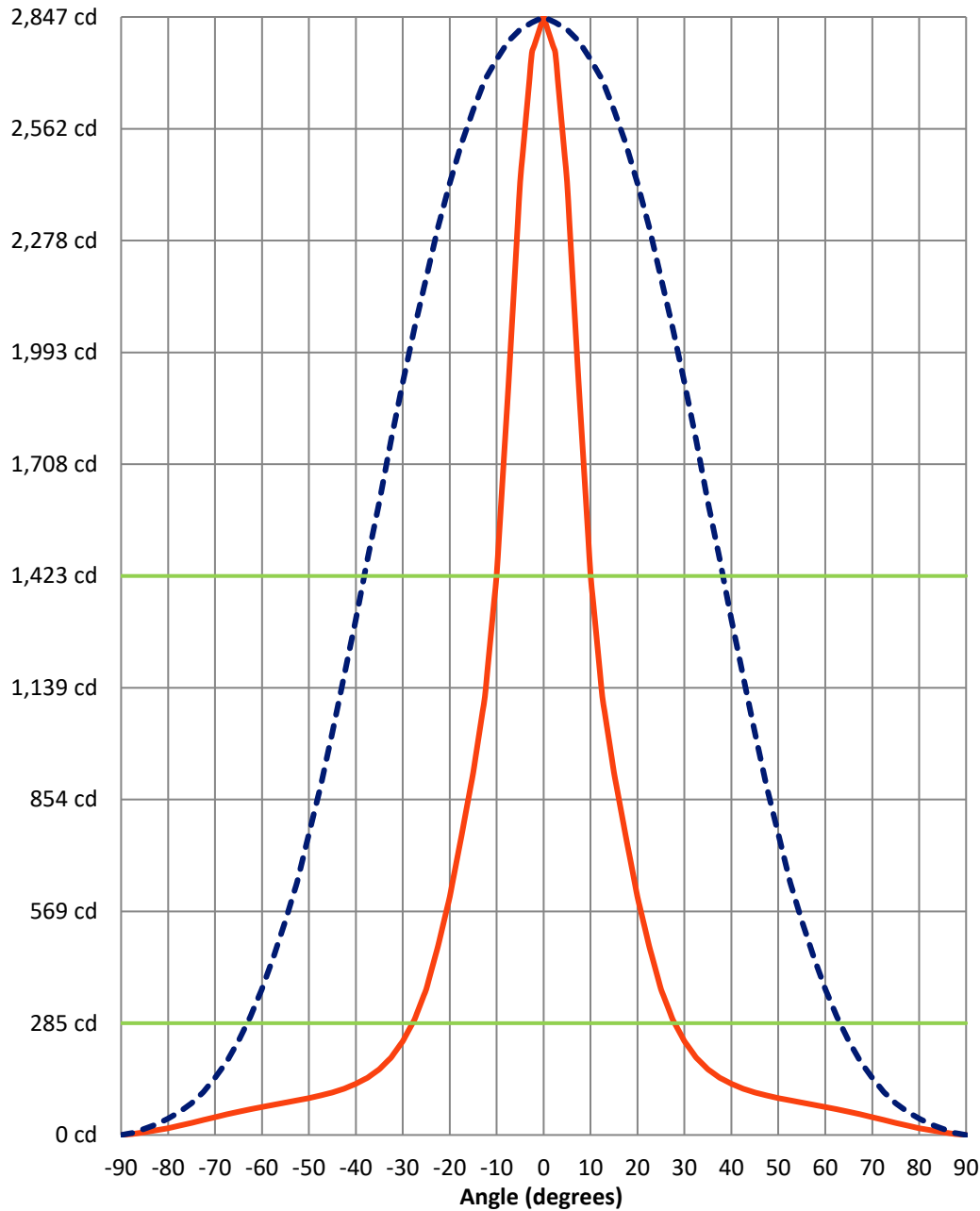
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 76.4°
 V Angle: 20°
 Lumens: 815.8
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 1671.1
 Efficiency: 82.0%

Spill:
 Lumens: 367.8
 Efficiency: 18.0%

- 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	0.2	0.5	0.7	0.9	1.0	1.1	1.3	1.4	1.6	1.7
85°	0.0	0.5	0.9	1.3	1.7	2.0	2.3	2.6	2.9	3.1	3.4
82.5°	0.0	0.7	1.4	2.0	2.5	3.0	3.4	3.9	4.4	5.2	6.0
80°	0.0	0.9	1.9	2.7	3.4	4.0	4.7	6.0	7.1	8.2	9.2
77.5°	0.0	1.2	2.3	3.3	4.2	5.3	6.9	8.4	9.9	11.2	12.4
75°	0.0	1.4	2.8	4.0	5.2	7.2	9.1	10.9	12.6	14.4	15.8
72.5°	0.0	1.6	3.2	4.7	6.8	9.1	11.3	13.5	15.7	17.6	19.3
70°	0.0	1.8	3.7	5.4	8.3	11.0	13.5	16.3	18.8	21.0	23.1
67.5°	0.0	2.1	4.1	6.6	9.8	12.9	16.0	19.1	21.9	24.7	27.0
65°	0.0	2.3	4.6	7.8	11.4	14.9	18.6	21.9	25.4	28.5	31.3
62.5°	0.0	2.5	5.0	8.9	12.8	17.0	21.1	25.0	29.0	32.5	36.1
60°	0.0	2.7	5.4	10.0	14.3	19.2	23.6	28.3	32.6	37.0	40.9
57.5°	0.0	2.9	6.1	11.1	16.1	21.3	26.4	31.6	36.7	41.6	46.2
55°	0.0	3.1	6.9	12.2	17.8	23.4	29.3	34.9	40.8	46.3	51.7
52.5°	0.0	3.3	7.6	13.3	19.5	25.6	32.1	38.6	45.0	51.6	57.4
50°	0.0	3.5	8.2	14.3	21.1	27.9	34.8	42.3	49.3	57.0	64.1
47.5°	0.0	3.6	8.9	15.4	22.8	30.2	37.6	46.0	54.3	62.5	71.2
45°	0.0	3.8	9.5	16.6	24.4	32.4	40.9	49.8	59.4	69.2	78.5
42.5°	0.0	4.0	10.1	17.7	25.9	34.6	44.1	54.0	64.5	76.0	86.9
40°	0.0	4.1	10.7	18.8	27.5	36.7	47.3	58.4	69.9	83.0	95.7
37.5°	0.0	4.3	11.3	19.8	29.1	38.7	50.4	62.7	76.1	90.4	104.8
35°	0.0	4.4	11.8	20.8	30.7	41.0	53.5	67.0	82.2	98.5	114.7
32.5°	0.0	4.6	12.3	21.7	32.2	43.5	56.7	71.2	88.3	106.7	125.5
30°	0.0	4.7	12.8	22.5	33.6	45.8	60.1	75.5	94.3	115.0	136.6
27.5°	0.0	4.8	13.3	23.2	34.8	48.1	63.4	80.5	100.6	123.3	147.9
25°	0.0	4.9	13.7	23.9	35.9	50.3	66.5	85.2	107.4	132.4	159.3
22.5°	0.0	5.0	14.1	24.5	36.9	52.2	69.5	89.8	114.1	141.7	171.9
20°	0.0	5.1	14.4	25.0	37.8	53.7	72.4	94.2	120.6	151.0	184.3
17.5°	0.0	5.1	14.7	25.5	38.6	55.0	74.6	98.4	126.9	160.0	196.5
15°	0.0	5.2	15.0	25.9	39.4	56.1	76.2	101.7	132.9	168.8	208.4
12.5°	0.0	5.3	15.3	26.2	40.0	57.1	77.5	103.9	137.2	177.1	219.9
10°	0.0	5.3	15.5	26.5	40.6	57.8	78.7	105.7	140.0	181.1	228.9
7.5°	0.0	5.4	15.6	26.7	41.1	58.4	79.6	107.1	142.2	183.7	232.9
5°	0.0	5.4	15.8	26.8	41.4	58.8	80.2	108.1	143.9	185.5	236.1
2.5°	0.0	5.4	15.8	26.9	41.7	59.0	80.6	108.7	145.0	186.5	238.2
0°	0.0	5.4	15.9	26.9	41.8	59.1	80.8	109.0	145.6	186.8	239.4
-2.5°	0.0	5.4	15.8	26.9	41.7	59.0	80.6	108.7	145.0	186.5	238.2
-5°	0.0	5.4	15.8	26.8	41.4	58.8	80.2	108.1	143.9	185.5	236.1
-7.5°	0.0	5.4	15.6	26.7	41.1	58.4	79.6	107.1	142.2	183.7	232.9
-10°	0.0	5.3	15.5	26.5	40.6	57.8	78.7	105.7	140.0	181.1	228.9
-12.5°	0.0	5.3	15.3	26.2	40.0	57.1	77.5	103.9	137.2	177.1	219.9
-15°	0.0	5.2	15.0	25.9	39.4	56.1	76.2	101.7	132.9	168.8	208.4
-17.5°	0.0	5.1	14.7	25.5	38.6	55.0	74.6	98.4	126.9	160.0	196.5
-20°	0.0	5.1	14.4	25.0	37.8	53.7	72.4	94.2	120.6	151.0	184.3



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 CATALOG NUMBER: GFLD-SA1A-940-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.0	14.1	24.5	36.9	52.2	69.5	89.8	114.1	141.7	171.9
-25°	0.0	4.9	13.7	23.9	35.9	50.3	66.5	85.2	107.4	132.4	159.3
-27.5°	0.0	4.8	13.3	23.2	34.8	48.1	63.4	80.5	100.6	123.3	147.9
-30°	0.0	4.7	12.8	22.5	33.6	45.8	60.1	75.5	94.3	115.0	136.6
-32.5°	0.0	4.6	12.3	21.7	32.2	43.5	56.7	71.2	88.3	106.7	125.5
-35°	0.0	4.4	11.8	20.8	30.7	41.0	53.5	67.0	82.2	98.5	114.7
-37.5°	0.0	4.3	11.3	19.8	29.1	38.7	50.4	62.7	76.1	90.4	104.8
-40°	0.0	4.1	10.7	18.8	27.5	36.7	47.3	58.4	69.9	83.0	95.7
-42.5°	0.0	4.0	10.1	17.7	25.9	34.6	44.1	54.0	64.5	76.0	86.9
-45°	0.0	3.8	9.5	16.6	24.4	32.4	40.9	49.8	59.4	69.2	78.5
-47.5°	0.0	3.6	8.9	15.4	22.8	30.2	37.6	46.0	54.3	62.5	71.2
-50°	0.0	3.5	8.2	14.3	21.1	27.9	34.8	42.3	49.3	57.0	64.1
-52.5°	0.0	3.3	7.6	13.3	19.5	25.6	32.1	38.6	45.0	51.6	57.4
-55°	0.0	3.1	6.9	12.2	17.8	23.4	29.3	34.9	40.8	46.3	51.7
-57.5°	0.0	2.9	6.1	11.1	16.1	21.3	26.4	31.6	36.7	41.6	46.2
-60°	0.0	2.7	5.4	10.0	14.3	19.2	23.6	28.3	32.6	37.0	40.9
-62.5°	0.0	2.5	5.0	8.9	12.8	17.0	21.1	25.0	29.0	32.5	36.1
-65°	0.0	2.3	4.6	7.8	11.4	14.9	18.6	21.9	25.4	28.5	31.3
-67.5°	0.0	2.1	4.1	6.6	9.8	12.9	16.0	19.1	21.9	24.7	27.0
-70°	0.0	1.8	3.7	5.4	8.3	11.0	13.5	16.3	18.8	21.0	23.1
-72.5°	0.0	1.6	3.2	4.7	6.8	9.1	11.3	13.5	15.7	17.6	19.3
-75°	0.0	1.4	2.8	4.0	5.2	7.2	9.1	10.9	12.6	14.4	15.8
-77.5°	0.0	1.2	2.3	3.3	4.2	5.3	6.9	8.4	9.9	11.2	12.4
-80°	0.0	0.9	1.9	2.7	3.4	4.0	4.7	6.0	7.1	8.2	9.2
-82.5°	0.0	0.7	1.4	2.0	2.5	3.0	3.4	3.9	4.4	5.2	6.0
-85°	0.0	0.5	0.9	1.3	1.7	2.0	2.3	2.6	2.9	3.1	3.4
-87.5°	0.0	0.2	0.5	0.7	0.9	1.0	1.1	1.3	1.4	1.6	1.7
-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-SA1A-940-U-NAT-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°	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.5	2.7	2.8	2.9
85°	3.6	3.9	4.3	4.7	5.0	5.2	5.5	5.7	5.9	6.0	6.1
82.5°	6.7	7.2	7.7	8.0	8.4	8.7	9.0	9.3	9.5	9.8	10.0
80°	9.9	10.6	11.2	11.8	12.3	12.8	13.0	13.1	13.5	13.9	14.4
77.5°	13.5	14.4	15.3	16.0	16.6	17.1	17.5	17.7	18.3	18.9	19.4
75°	17.1	18.3	19.5	20.5	21.3	21.9	22.4	22.7	23.4	24.2	24.8
72.5°	20.9	22.5	23.9	25.1	26.2	27.0	27.7	28.1	28.7	29.6	30.4
70°	25.0	26.8	28.7	30.2	31.3	32.3	33.1	33.7	34.3	35.2	35.9
67.5°	29.1	31.7	33.8	35.4	36.7	37.9	38.8	39.4	39.7	40.6	41.5
65°	34.0	36.8	39.1	40.9	42.2	43.7	44.7	45.2	45.4	46.5	47.5
62.5°	39.0	42.1	44.6	46.7	48.4	49.8	51.0	51.6	51.8	52.5	53.6
60°	44.4	47.5	50.5	53.0	54.8	56.3	57.6	58.2	58.4	58.7	60.0
57.5°	49.9	53.3	56.8	59.6	61.8	63.0	64.3	65.1	65.4	65.2	66.6
55°	56.0	59.5	63.4	66.8	69.0	70.1	71.4	72.5	72.9	72.6	73.4
52.5°	62.8	66.3	70.5	74.2	76.7	78.0	78.9	80.2	80.8	80.6	80.4
50°	70.0	74.4	77.9	82.1	85.1	86.8	86.9	88.5	89.3	89.0	87.9
47.5°	78.2	83.1	85.8	90.5	94.5	96.5	96.6	97.3	98.2	98.5	97.5
45°	87.0	93.0	95.9	100.1	104.5	107.0	107.7	106.6	108.3	108.8	108.3
42.5°	96.2	103.9	108.5	110.2	115.3	118.8	120.1	119.3	119.2	120.4	120.4
40°	107.0	115.8	122.6	124.4	127.0	131.7	134.6	134.4	131.2	133.5	134.1
37.5°	118.4	129.9	138.3	142.0	140.1	146.4	150.5	152.2	150.2	148.0	150.5
35°	130.4	145.0	156.3	162.6	162.9	162.8	169.2	172.7	172.9	168.9	169.8
32.5°	143.9	161.0	176.0	186.2	190.9	188.0	189.7	197.0	200.5	199.0	193.2
30°	158.4	179.3	197.7	212.2	222.6	225.7	218.7	224.4	232.3	235.5	233.0
27.5°	173.0	198.8	222.1	242.2	258.3	268.6	268.8	260.0	269.0	276.7	279.6
25°	187.9	218.3	247.9	275.2	299.6	317.2	325.3	326.3	313.7	325.2	335.8
22.5°	203.8	238.3	273.5	310.3	344.4	370.2	389.9	401.8	401.4	389.4	398.7
20°	220.6	260.2	301.1	344.8	391.3	426.8	459.7	484.9	500.1	505.1	495.3
17.5°	237.3	282.2	330.1	382.1	435.9	485.1	534.5	574.7	606.5	632.6	642.0
15°	253.8	304.1	359.2	419.7	481.8	543.5	607.0	668.5	722.7	770.4	798.8
12.5°	270.0	325.8	388.1	457.1	528.4	602.7	678.4	753.3	831.3	908.8	967.7
10°	285.6	346.9	416.3	493.9	575.0	661.8	749.7	838.6	933.4	1024.7	1112.7
7.5°	292.2	360.7	440.7	529.5	620.7	720.0	819.9	923.1	1033.8	1140.5	1247.9
5°	296.3	366.1	447.5	540.0	641.5	758.0	877.1	1005.0	1131.4	1254.2	1380.7
2.5°	299.1	369.8	452.1	544.2	644.6	764.2	884.8	1017.7	1159.5	1301.4	1452.0
0°	300.4	371.8	454.4	545.4	644.2	766.2	887.8	1024.9	1168.6	1312.9	1467.1
-2.5°	299.1	369.8	452.1	544.2	644.6	764.2	884.8	1017.7	1159.5	1301.4	1452.0
-5°	296.3	366.1	447.5	540.0	641.5	758.0	877.1	1005.0	1131.4	1254.2	1380.7
-7.5°	292.2	360.7	440.7	529.5	620.7	720.0	819.9	923.1	1033.8	1140.5	1247.9
-10°	285.6	346.9	416.3	493.9	575.0	661.8	749.7	838.6	933.4	1024.7	1112.7
-12.5°	270.0	325.8	388.1	457.1	528.4	602.7	678.4	753.3	831.3	908.8	967.7
-15°	253.8	304.1	359.2	419.7	481.8	543.5	607.0	668.5	722.7	770.4	798.8
-17.5°	237.3	282.2	330.1	382.1	435.9	485.1	534.5	574.7	606.5	632.6	642.0
-20°	220.6	260.2	301.1	344.8	391.3	426.8	459.7	484.9	500.1	505.1	495.3



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 CATALOG NUMBER: GFLD-SA1A-940-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	203.8	238.3	273.5	310.3	344.4	370.2	389.9	401.8	401.4	389.4	398.7
-25°	187.9	218.3	247.9	275.2	299.6	317.2	325.3	326.3	313.7	325.2	335.8
-27.5°	173.0	198.8	222.1	242.2	258.3	268.6	268.8	260.0	269.0	276.7	279.6
-30°	158.4	179.3	197.7	212.2	222.6	225.7	218.7	224.4	232.3	235.5	233.0
-32.5°	143.9	161.0	176.0	186.2	190.9	188.0	189.7	197.0	200.5	199.0	193.2
-35°	130.4	145.0	156.3	162.6	162.9	162.8	169.2	172.7	172.9	168.9	169.8
-37.5°	118.4	129.9	138.3	142.0	140.1	146.4	150.5	152.2	150.2	148.0	150.5
-40°	107.0	115.8	122.6	124.4	127.0	131.7	134.6	134.4	131.2	133.5	134.1
-42.5°	96.2	103.9	108.5	110.2	115.3	118.8	120.1	119.3	119.2	120.4	120.4
-45°	87.0	93.0	95.9	100.1	104.5	107.0	107.7	106.6	108.3	108.8	108.3
-47.5°	78.2	83.1	85.8	90.5	94.5	96.5	96.6	97.3	98.2	98.5	97.5
-50°	70.0	74.4	77.9	82.1	85.1	86.8	86.9	88.5	89.3	89.0	87.9
-52.5°	62.8	66.3	70.5	74.2	76.7	78.0	78.9	80.2	80.8	80.6	80.4
-55°	56.0	59.5	63.4	66.8	69.0	70.1	71.4	72.5	72.9	72.6	73.4
-57.5°	49.9	53.3	56.8	59.6	61.8	63.0	64.3	65.1	65.4	65.2	66.6
-60°	44.4	47.5	50.5	53.0	54.8	56.3	57.6	58.2	58.4	58.7	60.0
-62.5°	39.0	42.1	44.6	46.7	48.4	49.8	51.0	51.6	51.8	52.5	53.6
-65°	34.0	36.8	39.1	40.9	42.2	43.7	44.7	45.2	45.4	46.5	47.5
-67.5°	29.1	31.7	33.8	35.4	36.7	37.9	38.8	39.4	39.7	40.6	41.5
-70°	25.0	26.8	28.7	30.2	31.3	32.3	33.1	33.7	34.3	35.2	35.9
-72.5°	20.9	22.5	23.9	25.1	26.2	27.0	27.7	28.1	28.7	29.6	30.4
-75°	17.1	18.3	19.5	20.5	21.3	21.9	22.4	22.7	23.4	24.2	24.8
-77.5°	13.5	14.4	15.3	16.0	16.6	17.1	17.5	17.7	18.3	18.9	19.4
-80°	9.9	10.6	11.2	11.8	12.3	12.8	13.0	13.1	13.5	13.9	14.4
-82.5°	6.7	7.2	7.7	8.0	8.4	8.7	9.0	9.3	9.5	9.8	10.0
-85°	3.6	3.9	4.3	4.7	5.0	5.2	5.5	5.7	5.9	6.0	6.1
-87.5°	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.5	2.7	2.8	2.9
-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: P558486 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-940-U-NAT-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°	2.9	2.9	2.8	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6
85°	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.0	7.0
82.5°	10.1	10.5	10.8	11.1	11.4	11.6	11.7	11.8	11.8	11.9	12.0
80°	14.7	15.2	15.7	16.1	16.4	16.6	16.8	16.9	17.1	17.2	17.2
77.5°	19.9	20.4	21.0	21.4	21.9	22.2	22.5	22.8	23.0	23.2	23.5
75°	25.4	26.0	26.7	27.3	27.8	28.3	28.9	29.4	29.8	30.2	30.5
72.5°	31.0	31.6	32.4	33.2	33.9	34.6	35.3	36.0	36.5	37.0	37.5
70°	36.5	37.1	38.1	39.1	40.0	40.9	41.8	42.6	43.3	44.0	44.6
67.5°	42.2	42.8	44.1	45.3	46.3	47.2	48.3	49.2	50.0	50.7	51.3
65°	48.3	48.8	50.2	51.5	52.5	53.5	54.6	55.6	56.5	57.2	57.9
62.5°	54.5	55.1	56.2	57.5	58.5	59.4	60.7	61.8	62.8	63.6	64.2
60°	60.9	61.4	62.3	63.6	64.8	65.8	66.9	68.0	68.9	69.7	70.4
57.5°	67.5	68.0	68.4	69.8	70.9	71.8	72.8	73.9	74.8	75.5	76.2
55°	74.3	74.7	74.6	75.8	76.9	77.6	78.3	79.5	80.3	81.0	81.7
52.5°	81.3	81.7	81.4	82.0	83.1	83.8	84.1	85.3	86.2	86.8	87.4
50°	89.0	89.4	89.1	88.8	89.9	90.6	90.8	91.8	92.6	93.1	93.5
47.5°	97.5	97.9	97.7	96.5	97.5	98.3	98.3	98.8	99.6	100.0	100.3
45°	106.7	107.5	107.4	106.5	106.3	107.2	107.1	106.8	107.8	108.3	108.4
42.5°	118.7	118.4	118.7	118.2	116.7	117.7	117.8	116.5	117.8	118.3	118.0
40°	133.4	130.7	132.2	132.0	130.6	130.4	131.1	130.1	130.3	131.1	130.5
37.5°	150.9	149.0	148.2	148.9	148.5	146.6	148.1	147.8	146.6	147.9	147.4
35°	172.5	171.9	167.6	170.2	170.8	169.1	169.6	170.3	167.8	169.8	169.6
32.5°	197.8	199.0	198.0	196.4	199.0	199.3	196.4	199.8	198.4	198.9	200.3
30°	226.3	232.8	236.0	233.2	234.7	237.8	236.4	238.8	239.9	238.1	241.5
27.5°	276.2	273.9	281.6	284.8	281.3	286.8	290.9	289.1	295.0	291.5	296.5
25°	339.6	336.2	338.2	349.2	351.6	348.8	360.2	361.6	366.3	366.8	370.3
22.5°	414.1	422.4	421.4	424.7	438.5	443.1	447.4	458.3	455.8	465.7	467.5
20°	497.4	518.1	532.4	535.4	541.3	557.2	564.5	573.1	578.9	588.3	596.2
17.5°	638.3	627.7	655.7	673.3	682.5	685.8	705.0	711.2	725.6	733.8	741.9
15°	819.2	825.5	812.8	829.6	857.9	867.5	856.5	882.2	889.4	903.2	905.7
12.5°	1012.7	1044.0	1059.3	1063.5	1048.6	1089.0	1105.1	1084.8	1107.8	1103.6	1122.6
10°	1197.2	1273.2	1318.8	1350.8	1370.3	1382.0	1393.6	1414.6	1414.9	1430.5	1421.4
7.5°	1348.7	1445.1	1537.2	1626.6	1698.1	1738.2	1769.6	1799.8	1840.1	1859.4	1871.9
5°	1496.9	1608.1	1718.4	1826.7	1924.8	2019.2	2111.7	2191.9	2234.5	2284.2	2328.5
2.5°	1592.8	1733.5	1874.2	2013.7	2127.1	2231.1	2327.4	2416.8	2495.3	2567.8	2629.1
0°	1611.5	1769.0	1915.8	2055.0	2182.6	2311.1	2423.2	2524.3	2609.8	2686.9	2738.9
-2.5°	1592.8	1733.5	1874.2	2013.7	2127.1	2231.1	2327.4	2416.8	2495.3	2567.8	2629.1
-5°	1496.9	1608.1	1718.4	1826.7	1924.8	2019.2	2111.7	2191.9	2234.5	2284.2	2328.5
-7.5°	1348.7	1445.1	1537.2	1626.6	1698.1	1738.2	1769.6	1799.8	1840.1	1859.4	1871.9
-10°	1197.2	1273.2	1318.8	1350.8	1370.3	1382.0	1393.6	1414.6	1414.9	1430.5	1421.4
-12.5°	1012.7	1044.0	1059.3	1063.5	1048.6	1089.0	1105.1	1084.8	1107.8	1103.6	1122.6
-15°	819.2	825.5	812.8	829.6	857.9	867.5	856.5	882.2	889.4	903.2	905.7
-17.5°	638.3	627.7	655.7	673.3	682.5	685.8	705.0	711.2	725.6	733.8	741.9
-20°	497.4	518.1	532.4	535.4	541.3	557.2	564.5	573.1	578.9	588.3	596.2



REPORT NUMBER: P558486 (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°
-22.5°	414.1	422.4	421.4	424.7	438.5	443.1	447.4	458.3	455.8	465.7	467.5
-25°	339.6	336.2	338.2	349.2	351.6	348.8	360.2	361.6	366.3	366.8	370.3
-27.5°	276.2	273.9	281.6	284.8	281.3	286.8	290.9	289.1	295.0	291.5	296.5
-30°	226.3	232.8	236.0	233.2	234.7	237.8	236.4	238.8	239.9	238.1	241.5
-32.5°	197.8	199.0	198.0	196.4	199.0	199.3	196.4	199.8	198.4	198.9	200.3
-35°	172.5	171.9	167.6	170.2	170.8	169.1	169.6	170.3	167.8	169.8	169.6
-37.5°	150.9	149.0	148.2	148.9	148.5	146.6	148.1	147.8	146.6	147.9	147.4
-40°	133.4	130.7	132.2	132.0	130.6	130.4	131.1	130.1	130.3	131.1	130.5
-42.5°	118.7	118.4	118.7	118.2	116.7	117.7	117.8	116.5	117.8	118.3	118.0
-45°	106.7	107.5	107.4	106.5	106.3	107.2	107.1	106.8	107.8	108.3	108.4
-47.5°	97.5	97.9	97.7	96.5	97.5	98.3	98.3	98.8	99.6	100.0	100.3
-50°	89.0	89.4	89.1	88.8	89.9	90.6	90.8	91.8	92.6	93.1	93.5
-52.5°	81.3	81.7	81.4	82.0	83.1	83.8	84.1	85.3	86.2	86.8	87.4
-55°	74.3	74.7	74.6	75.8	76.9	77.6	78.3	79.5	80.3	81.0	81.7
-57.5°	67.5	68.0	68.4	69.8	70.9	71.8	72.8	73.9	74.8	75.5	76.2
-60°	60.9	61.4	62.3	63.6	64.8	65.8	66.9	68.0	68.9	69.7	70.4
-62.5°	54.5	55.1	56.2	57.5	58.5	59.4	60.7	61.8	62.8	63.6	64.2
-65°	48.3	48.8	50.2	51.5	52.5	53.5	54.6	55.6	56.5	57.2	57.9
-67.5°	42.2	42.8	44.1	45.3	46.3	47.2	48.3	49.2	50.0	50.7	51.3
-70°	36.5	37.1	38.1	39.1	40.0	40.9	41.8	42.6	43.3	44.0	44.6
-72.5°	31.0	31.6	32.4	33.2	33.9	34.6	35.3	36.0	36.5	37.0	37.5
-75°	25.4	26.0	26.7	27.3	27.8	28.3	28.9	29.4	29.8	30.2	30.5
-77.5°	19.9	20.4	21.0	21.4	21.9	22.2	22.5	22.8	23.0	23.2	23.5
-80°	14.7	15.2	15.7	16.1	16.4	16.6	16.8	16.9	17.1	17.2	17.2
-82.5°	10.1	10.5	10.8	11.1	11.4	11.6	11.7	11.8	11.8	11.9	12.0
-85°	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.0	7.0
-87.5°	2.9	2.9	2.8	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6
-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: P558486 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
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°	2.5	2.5	2.6	2.7	2.6	2.5	2.5	2.6	2.6	2.6	2.6
85°	6.9	6.9	7.0	7.1	7.0	6.9	6.9	7.0	7.0	7.0	6.9
82.5°	12.0	12.0	12.1	12.1	12.1	12.0	12.0	12.0	11.9	11.8	11.8
80°	17.2	17.2	17.2	17.1	17.2	17.2	17.2	17.2	17.2	17.1	16.9
77.5°	23.7	23.9	24.0	24.0	24.0	23.9	23.7	23.5	23.2	23.0	22.8
75°	30.6	30.7	30.8	30.7	30.8	30.7	30.6	30.5	30.2	29.8	29.4
72.5°	37.9	38.2	38.3	38.2	38.3	38.2	37.9	37.5	37.0	36.5	36.0
70°	45.1	45.5	45.5	45.3	45.5	45.5	45.1	44.6	44.0	43.3	42.6
67.5°	51.8	52.1	52.4	52.6	52.4	52.1	51.8	51.3	50.7	50.0	49.2
65°	58.4	58.8	59.0	59.1	59.0	58.8	58.4	57.9	57.2	56.5	55.6
62.5°	64.8	65.1	65.3	65.4	65.3	65.1	64.8	64.2	63.6	62.8	61.8
60°	71.0	71.4	71.4	71.2	71.4	71.4	71.0	70.4	69.7	68.9	68.0
57.5°	76.8	77.2	77.2	76.9	77.2	77.2	76.8	76.2	75.5	74.8	73.9
55°	82.1	82.4	82.5	82.5	82.5	82.4	82.1	81.7	81.0	80.3	79.5
52.5°	87.9	88.1	88.2	88.2	88.2	88.1	87.9	87.4	86.8	86.2	85.3
50°	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.5	93.1	92.6	91.8
47.5°	100.6	100.7	100.7	100.7	100.7	100.7	100.6	100.3	100.0	99.6	98.8
45°	108.7	108.4	108.2	108.2	108.2	108.4	108.7	108.4	108.3	107.8	106.8
42.5°	118.3	118.0	117.7	117.8	117.7	118.0	118.3	118.0	118.3	117.8	116.5
40°	131.0	131.0	130.5	130.4	130.5	131.0	131.0	130.5	131.1	130.3	130.1
37.5°	147.5	147.2	146.3	145.8	146.3	147.2	147.5	147.4	147.9	146.6	147.8
35°	169.0	168.7	167.3	167.3	167.3	168.7	169.0	169.6	169.8	167.8	170.3
32.5°	199.6	199.7	197.5	197.0	197.5	199.7	199.6	200.3	198.9	198.4	199.8
30°	239.4	240.3	237.7	238.8	237.7	240.3	239.4	241.5	238.1	239.9	238.8
27.5°	296.4	298.1	295.8	293.9	295.8	298.1	296.4	296.5	291.5	295.0	289.1
25°	374.9	376.1	373.5	371.2	373.5	376.1	374.9	370.3	366.8	366.3	361.6
22.5°	477.1	477.0	476.9	480.5	476.9	477.0	477.1	467.5	465.7	455.8	458.3
20°	601.4	598.4	602.9	605.8	602.9	598.4	601.4	596.2	588.3	578.9	573.1
17.5°	743.8	749.4	753.8	761.0	753.8	749.4	743.8	741.9	733.8	725.6	711.2
15°	911.7	920.3	924.6	922.3	924.6	920.3	911.7	905.7	903.2	889.4	882.2
12.5°	1123.3	1133.4	1125.9	1116.6	1125.9	1133.4	1123.3	1122.6	1103.6	1107.8	1084.8
10°	1421.6	1443.4	1444.6	1426.4	1444.6	1443.4	1421.6	1421.4	1430.5	1414.9	1414.6
7.5°	1879.2	1889.8	1906.0	1906.8	1906.0	1889.8	1879.2	1871.9	1859.4	1840.1	1799.8
5°	2348.6	2376.9	2395.2	2426.8	2395.2	2376.9	2348.6	2328.5	2284.2	2234.5	2191.9
2.5°	2668.7	2705.3	2719.3	2755.2	2719.3	2705.3	2668.7	2629.1	2567.8	2495.3	2416.8
0°	2785.3	2814.9	2832.7	2846.9	2832.7	2814.9	2785.3	2738.9	2686.9	2609.8	2524.3
-2.5°	2668.7	2705.3	2719.3	2755.2	2719.3	2705.3	2668.7	2629.1	2567.8	2495.3	2416.8
-5°	2348.6	2376.9	2395.2	2426.8	2395.2	2376.9	2348.6	2328.5	2284.2	2234.5	2191.9
-7.5°	1879.2	1889.8	1906.0	1906.8	1906.0	1889.8	1879.2	1871.9	1859.4	1840.1	1799.8
-10°	1421.6	1443.4	1444.6	1426.4	1444.6	1443.4	1421.6	1421.4	1430.5	1414.9	1414.6
-12.5°	1123.3	1133.4	1125.9	1116.6	1125.9	1133.4	1123.3	1122.6	1103.6	1107.8	1084.8
-15°	911.7	920.3	924.6	922.3	924.6	920.3	911.7	905.7	903.2	889.4	882.2
-17.5°	743.8	749.4	753.8	761.0	753.8	749.4	743.8	741.9	733.8	725.6	711.2
-20°	601.4	598.4	602.9	605.8	602.9	598.4	601.4	596.2	588.3	578.9	573.1



REPORT NUMBER: P558486 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-940-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	477.1	477.0	476.9	480.5	476.9	477.0	477.1	467.5	465.7	455.8	458.3
-25°	374.9	376.1	373.5	371.2	373.5	376.1	374.9	370.3	366.8	366.3	361.6
-27.5°	296.4	298.1	295.8	293.9	295.8	298.1	296.4	296.5	291.5	295.0	289.1
-30°	239.4	240.3	237.7	238.8	237.7	240.3	239.4	241.5	238.1	239.9	238.8
-32.5°	199.6	199.7	197.5	197.0	197.5	199.7	199.6	200.3	198.9	198.4	199.8
-35°	169.0	168.7	167.3	167.3	167.3	168.7	169.0	169.6	169.8	167.8	170.3
-37.5°	147.5	147.2	146.3	145.8	146.3	147.2	147.5	147.4	147.9	146.6	147.8
-40°	131.0	131.0	130.5	130.4	130.5	131.0	131.0	130.5	131.1	130.3	130.1
-42.5°	118.3	118.0	117.7	117.8	117.7	118.0	118.3	118.0	118.3	117.8	116.5
-45°	108.7	108.4	108.2	108.2	108.2	108.4	108.7	108.4	108.3	107.8	106.8
-47.5°	100.6	100.7	100.7	100.7	100.7	100.7	100.6	100.3	100.0	99.6	98.8
-50°	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.5	93.1	92.6	91.8
-52.5°	87.9	88.1	88.2	88.2	88.2	88.1	87.9	87.4	86.8	86.2	85.3
-55°	82.1	82.4	82.5	82.5	82.5	82.4	82.1	81.7	81.0	80.3	79.5
-57.5°	76.8	77.2	77.2	76.9	77.2	77.2	76.8	76.2	75.5	74.8	73.9
-60°	71.0	71.4	71.4	71.2	71.4	71.4	71.0	70.4	69.7	68.9	68.0
-62.5°	64.8	65.1	65.3	65.4	65.3	65.1	64.8	64.2	63.6	62.8	61.8
-65°	58.4	58.8	59.0	59.1	59.0	58.8	58.4	57.9	57.2	56.5	55.6
-67.5°	51.8	52.1	52.4	52.6	52.4	52.1	51.8	51.3	50.7	50.0	49.2
-70°	45.1	45.5	45.5	45.3	45.5	45.5	45.1	44.6	44.0	43.3	42.6
-72.5°	37.9	38.2	38.3	38.2	38.3	38.2	37.9	37.5	37.0	36.5	36.0
-75°	30.6	30.7	30.8	30.7	30.8	30.7	30.6	30.5	30.2	29.8	29.4
-77.5°	23.7	23.9	24.0	24.0	24.0	23.9	23.7	23.5	23.2	23.0	22.8
-80°	17.2	17.2	17.2	17.1	17.2	17.2	17.2	17.2	17.2	17.1	16.9
-82.5°	12.0	12.0	12.1	12.1	12.1	12.0	12.0	12.0	11.9	11.8	11.8
-85°	6.9	6.9	7.0	7.1	7.0	6.9	6.9	7.0	7.0	7.0	6.9
-87.5°	2.5	2.5	2.6	2.7	2.6	2.5	2.5	2.6	2.6	2.6	2.6
-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: P558486 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-940-U-NAT-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°	2.6	2.6	2.6	2.7	2.8	2.9	2.9	2.9	2.8	2.7	2.5
85°	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.7
82.5°	11.7	11.6	11.4	11.1	10.8	10.5	10.1	10.0	9.8	9.5	9.3
80°	16.8	16.6	16.4	16.1	15.7	15.2	14.7	14.4	13.9	13.5	13.1
77.5°	22.5	22.2	21.9	21.4	21.0	20.4	19.9	19.4	18.9	18.3	17.7
75°	28.9	28.3	27.8	27.3	26.7	26.0	25.4	24.8	24.2	23.4	22.7
72.5°	35.3	34.6	33.9	33.2	32.4	31.6	31.0	30.4	29.6	28.7	28.1
70°	41.8	40.9	40.0	39.1	38.1	37.1	36.5	35.9	35.2	34.3	33.7
67.5°	48.3	47.2	46.3	45.3	44.1	42.8	42.2	41.5	40.6	39.7	39.4
65°	54.6	53.5	52.5	51.5	50.2	48.8	48.3	47.5	46.5	45.4	45.2
62.5°	60.7	59.4	58.5	57.5	56.2	55.1	54.5	53.6	52.5	51.8	51.6
60°	66.9	65.8	64.8	63.6	62.3	61.4	60.9	60.0	58.7	58.4	58.2
57.5°	72.8	71.8	70.9	69.8	68.4	68.0	67.5	66.6	65.2	65.4	65.1
55°	78.3	77.6	76.9	75.8	74.6	74.7	74.3	73.4	72.6	72.9	72.5
52.5°	84.1	83.8	83.1	82.0	81.4	81.7	81.3	80.4	80.6	80.8	80.2
50°	90.8	90.6	89.9	88.8	89.1	89.4	89.0	87.9	89.0	89.3	88.5
47.5°	98.3	98.3	97.5	96.5	97.7	97.9	97.5	97.5	98.5	98.2	97.3
45°	107.1	107.2	106.3	106.5	107.4	107.5	106.7	108.3	108.8	108.3	106.6
42.5°	117.8	117.7	116.7	118.2	118.7	118.4	118.7	120.4	120.4	119.2	119.3
40°	131.1	130.4	130.6	132.0	132.2	130.7	133.4	134.1	133.5	131.2	134.4
37.5°	148.1	146.6	148.5	148.9	148.2	149.0	150.9	150.5	148.0	150.2	152.2
35°	169.6	169.1	170.8	170.2	167.6	171.9	172.5	169.8	168.9	172.9	172.7
32.5°	196.4	199.3	199.0	196.4	198.0	199.0	197.8	193.2	199.0	200.5	197.0
30°	236.4	237.8	234.7	233.2	236.0	232.8	226.3	233.0	235.5	232.3	224.4
27.5°	290.9	286.8	281.3	284.8	281.6	273.9	276.2	279.6	276.7	269.0	260.0
25°	360.2	348.8	351.6	349.2	338.2	336.2	339.6	335.8	325.2	313.7	326.3
22.5°	447.4	443.1	438.5	424.7	421.4	422.4	414.1	398.7	389.4	401.4	401.8
20°	564.5	557.2	541.3	535.4	532.4	518.1	497.4	495.3	505.1	500.1	484.9
17.5°	705.0	685.8	682.5	673.3	655.7	627.7	638.3	642.0	632.6	606.5	574.7
15°	856.5	867.5	857.9	829.6	812.8	825.5	819.2	798.8	770.4	722.7	668.5
12.5°	1105.1	1089.0	1048.6	1063.5	1059.3	1044.0	1012.7	967.7	908.8	831.3	753.3
10°	1393.6	1382.0	1370.3	1350.8	1318.8	1273.2	1197.2	1112.7	1024.7	933.4	838.6
7.5°	1769.6	1738.2	1698.1	1626.6	1537.2	1445.1	1348.7	1247.9	1140.5	1033.8	923.1
5°	2111.7	2019.2	1924.8	1826.7	1718.4	1608.1	1496.9	1380.7	1254.2	1131.4	1005.0
2.5°	2327.4	2231.1	2127.1	2013.7	1874.2	1733.5	1592.8	1452.0	1301.4	1159.5	1017.7
0°	2423.2	2311.1	2182.6	2055.0	1915.8	1769.0	1611.5	1467.1	1312.9	1168.6	1024.9
-2.5°	2327.4	2231.1	2127.1	2013.7	1874.2	1733.5	1592.8	1452.0	1301.4	1159.5	1017.7
-5°	2111.7	2019.2	1924.8	1826.7	1718.4	1608.1	1496.9	1380.7	1254.2	1131.4	1005.0
-7.5°	1769.6	1738.2	1698.1	1626.6	1537.2	1445.1	1348.7	1247.9	1140.5	1033.8	923.1
-10°	1393.6	1382.0	1370.3	1350.8	1318.8	1273.2	1197.2	1112.7	1024.7	933.4	838.6
-12.5°	1105.1	1089.0	1048.6	1063.5	1059.3	1044.0	1012.7	967.7	908.8	831.3	753.3
-15°	856.5	867.5	857.9	829.6	812.8	825.5	819.2	798.8	770.4	722.7	668.5
-17.5°	705.0	685.8	682.5	673.3	655.7	627.7	638.3	642.0	632.6	606.5	574.7
-20°	564.5	557.2	541.3	535.4	532.4	518.1	497.4	495.3	505.1	500.1	484.9



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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°	447.4	443.1	438.5	424.7	421.4	422.4	414.1	398.7	389.4	401.4	401.8
-25°	360.2	348.8	351.6	349.2	338.2	336.2	339.6	335.8	325.2	313.7	326.3
-27.5°	290.9	286.8	281.3	284.8	281.6	273.9	276.2	279.6	276.7	269.0	260.0
-30°	236.4	237.8	234.7	233.2	236.0	232.8	226.3	233.0	235.5	232.3	224.4
-32.5°	196.4	199.3	199.0	196.4	198.0	199.0	197.8	193.2	199.0	200.5	197.0
-35°	169.6	169.1	170.8	170.2	167.6	171.9	172.5	169.8	168.9	172.9	172.7
-37.5°	148.1	146.6	148.5	148.9	148.2	149.0	150.9	150.5	148.0	150.2	152.2
-40°	131.1	130.4	130.6	132.0	132.2	130.7	133.4	134.1	133.5	131.2	134.4
-42.5°	117.8	117.7	116.7	118.2	118.7	118.4	118.7	120.4	120.4	119.2	119.3
-45°	107.1	107.2	106.3	106.5	107.4	107.5	106.7	108.3	108.8	108.3	106.6
-47.5°	98.3	98.3	97.5	96.5	97.7	97.9	97.5	97.5	98.5	98.2	97.3
-50°	90.8	90.6	89.9	88.8	89.1	89.4	89.0	87.9	89.0	89.3	88.5
-52.5°	84.1	83.8	83.1	82.0	81.4	81.7	81.3	80.4	80.6	80.8	80.2
-55°	78.3	77.6	76.9	75.8	74.6	74.7	74.3	73.4	72.6	72.9	72.5
-57.5°	72.8	71.8	70.9	69.8	68.4	68.0	67.5	66.6	65.2	65.4	65.1
-60°	66.9	65.8	64.8	63.6	62.3	61.4	60.9	60.0	58.7	58.4	58.2
-62.5°	60.7	59.4	58.5	57.5	56.2	55.1	54.5	53.6	52.5	51.8	51.6
-65°	54.6	53.5	52.5	51.5	50.2	48.8	48.3	47.5	46.5	45.4	45.2
-67.5°	48.3	47.2	46.3	45.3	44.1	42.8	42.2	41.5	40.6	39.7	39.4
-70°	41.8	40.9	40.0	39.1	38.1	37.1	36.5	35.9	35.2	34.3	33.7
-72.5°	35.3	34.6	33.9	33.2	32.4	31.6	31.0	30.4	29.6	28.7	28.1
-75°	28.9	28.3	27.8	27.3	26.7	26.0	25.4	24.8	24.2	23.4	22.7
-77.5°	22.5	22.2	21.9	21.4	21.0	20.4	19.9	19.4	18.9	18.3	17.7
-80°	16.8	16.6	16.4	16.1	15.7	15.2	14.7	14.4	13.9	13.5	13.1
-82.5°	11.7	11.6	11.4	11.1	10.8	10.5	10.1	10.0	9.8	9.5	9.3
-85°	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.7
-87.5°	2.6	2.6	2.6	2.7	2.8	2.9	2.9	2.9	2.8	2.7	2.5
-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):

	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°	2.5	2.4	2.3	2.2	2.1	1.9	1.8	1.7	1.6	1.4	1.3
85°	5.5	5.2	5.0	4.7	4.3	3.9	3.6	3.4	3.1	2.9	2.6
82.5°	9.0	8.7	8.4	8.0	7.7	7.2	6.7	6.0	5.2	4.4	3.9
80°	13.0	12.8	12.3	11.8	11.2	10.6	9.9	9.2	8.2	7.1	6.0
77.5°	17.5	17.1	16.6	16.0	15.3	14.4	13.5	12.4	11.2	9.9	8.4
75°	22.4	21.9	21.3	20.5	19.5	18.3	17.1	15.8	14.4	12.6	10.9
72.5°	27.7	27.0	26.2	25.1	23.9	22.5	20.9	19.3	17.6	15.7	13.5
70°	33.1	32.3	31.3	30.2	28.7	26.8	25.0	23.1	21.0	18.8	16.3
67.5°	38.8	37.9	36.7	35.4	33.8	31.7	29.1	27.0	24.7	21.9	19.1
65°	44.7	43.7	42.2	40.9	39.1	36.8	34.0	31.3	28.5	25.4	21.9
62.5°	51.0	49.8	48.4	46.7	44.6	42.1	39.0	36.1	32.5	29.0	25.0
60°	57.6	56.3	54.8	53.0	50.5	47.5	44.4	40.9	37.0	32.6	28.3
57.5°	64.3	63.0	61.8	59.6	56.8	53.3	49.9	46.2	41.6	36.7	31.6
55°	71.4	70.1	69.0	66.8	63.4	59.5	56.0	51.7	46.3	40.8	34.9
52.5°	78.9	78.0	76.7	74.2	70.5	66.3	62.8	57.4	51.6	45.0	38.6
50°	86.9	86.8	85.1	82.1	77.9	74.4	70.0	64.1	57.0	49.3	42.3
47.5°	96.6	96.5	94.5	90.5	85.8	83.1	78.2	71.2	62.5	54.3	46.0
45°	107.7	107.0	104.5	100.1	95.9	93.0	87.0	78.5	69.2	59.4	49.8
42.5°	120.1	118.8	115.3	110.2	108.5	103.9	96.2	86.9	76.0	64.5	54.0
40°	134.6	131.7	127.0	124.4	122.6	115.8	107.0	95.7	83.0	69.9	58.4
37.5°	150.5	146.4	140.1	142.0	138.3	129.9	118.4	104.8	90.4	76.1	62.7
35°	169.2	162.8	162.9	162.6	156.3	145.0	130.4	114.7	98.5	82.2	67.0
32.5°	189.7	188.0	190.9	186.2	176.0	161.0	143.9	125.5	106.7	88.3	71.2
30°	218.7	225.7	222.6	212.2	197.7	179.3	158.4	136.6	115.0	94.3	75.5
27.5°	268.8	268.6	258.3	242.2	222.1	198.8	173.0	147.9	123.3	100.6	80.5
25°	325.3	317.2	299.6	275.2	247.9	218.3	187.9	159.3	132.4	107.4	85.2
22.5°	389.9	370.2	344.4	310.3	273.5	238.3	203.8	171.9	141.7	114.1	89.8
20°	459.7	426.8	391.3	344.8	301.1	260.2	220.6	184.3	151.0	120.6	94.2
17.5°	534.5	485.1	435.9	382.1	330.1	282.2	237.3	196.5	160.0	126.9	98.4
15°	607.0	543.5	481.8	419.7	359.2	304.1	253.8	208.4	168.8	132.9	101.7
12.5°	678.4	602.7	528.4	457.1	388.1	325.8	270.0	219.9	177.1	137.2	103.9
10°	749.7	661.8	575.0	493.9	416.3	346.9	285.6	228.9	181.1	140.0	105.7
7.5°	819.9	720.0	620.7	529.5	440.7	360.7	292.2	232.9	183.7	142.2	107.1
5°	877.1	758.0	641.5	540.0	447.5	366.1	296.3	236.1	185.5	143.9	108.1
2.5°	884.8	764.2	644.6	544.2	452.1	369.8	299.1	238.2	186.5	145.0	108.7
0°	887.8	766.2	644.2	545.4	454.4	371.8	300.4	239.4	186.8	145.6	109.0
-2.5°	884.8	764.2	644.6	544.2	452.1	369.8	299.1	238.2	186.5	145.0	108.7
-5°	877.1	758.0	641.5	540.0	447.5	366.1	296.3	236.1	185.5	143.9	108.1
-7.5°	819.9	720.0	620.7	529.5	440.7	360.7	292.2	232.9	183.7	142.2	107.1
-10°	749.7	661.8	575.0	493.9	416.3	346.9	285.6	228.9	181.1	140.0	105.7
-12.5°	678.4	602.7	528.4	457.1	388.1	325.8	270.0	219.9	177.1	137.2	103.9
-15°	607.0	543.5	481.8	419.7	359.2	304.1	253.8	208.4	168.8	132.9	101.7
-17.5°	534.5	485.1	435.9	382.1	330.1	282.2	237.3	196.5	160.0	126.9	98.4
-20°	459.7	426.8	391.3	344.8	301.1	260.2	220.6	184.3	151.0	120.6	94.2



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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°	389.9	370.2	344.4	310.3	273.5	238.3	203.8	171.9	141.7	114.1	89.8
-25°	325.3	317.2	299.6	275.2	247.9	218.3	187.9	159.3	132.4	107.4	85.2
-27.5°	268.8	268.6	258.3	242.2	222.1	198.8	173.0	147.9	123.3	100.6	80.5
-30°	218.7	225.7	222.6	212.2	197.7	179.3	158.4	136.6	115.0	94.3	75.5
-32.5°	189.7	188.0	190.9	186.2	176.0	161.0	143.9	125.5	106.7	88.3	71.2
-35°	169.2	162.8	162.9	162.6	156.3	145.0	130.4	114.7	98.5	82.2	67.0
-37.5°	150.5	146.4	140.1	142.0	138.3	129.9	118.4	104.8	90.4	76.1	62.7
-40°	134.6	131.7	127.0	124.4	122.6	115.8	107.0	95.7	83.0	69.9	58.4
-42.5°	120.1	118.8	115.3	110.2	108.5	103.9	96.2	86.9	76.0	64.5	54.0
-45°	107.7	107.0	104.5	100.1	95.9	93.0	87.0	78.5	69.2	59.4	49.8
-47.5°	96.6	96.5	94.5	90.5	85.8	83.1	78.2	71.2	62.5	54.3	46.0
-50°	86.9	86.8	85.1	82.1	77.9	74.4	70.0	64.1	57.0	49.3	42.3
-52.5°	78.9	78.0	76.7	74.2	70.5	66.3	62.8	57.4	51.6	45.0	38.6
-55°	71.4	70.1	69.0	66.8	63.4	59.5	56.0	51.7	46.3	40.8	34.9
-57.5°	64.3	63.0	61.8	59.6	56.8	53.3	49.9	46.2	41.6	36.7	31.6
-60°	57.6	56.3	54.8	53.0	50.5	47.5	44.4	40.9	37.0	32.6	28.3
-62.5°	51.0	49.8	48.4	46.7	44.6	42.1	39.0	36.1	32.5	29.0	25.0
-65°	44.7	43.7	42.2	40.9	39.1	36.8	34.0	31.3	28.5	25.4	21.9
-67.5°	38.8	37.9	36.7	35.4	33.8	31.7	29.1	27.0	24.7	21.9	19.1
-70°	33.1	32.3	31.3	30.2	28.7	26.8	25.0	23.1	21.0	18.8	16.3
-72.5°	27.7	27.0	26.2	25.1	23.9	22.5	20.9	19.3	17.6	15.7	13.5
-75°	22.4	21.9	21.3	20.5	19.5	18.3	17.1	15.8	14.4	12.6	10.9
-77.5°	17.5	17.1	16.6	16.0	15.3	14.4	13.5	12.4	11.2	9.9	8.4
-80°	13.0	12.8	12.3	11.8	11.2	10.6	9.9	9.2	8.2	7.1	6.0
-82.5°	9.0	8.7	8.4	8.0	7.7	7.2	6.7	6.0	5.2	4.4	3.9
-85°	5.5	5.2	5.0	4.7	4.3	3.9	3.6	3.4	3.1	2.9	2.6
-87.5°	2.5	2.4	2.3	2.2	2.1	1.9	1.8	1.7	1.6	1.4	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



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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°	1.1	1.0	0.9	0.7	0.5	0.2	0.0
85°	2.3	2.0	1.7	1.3	0.9	0.5	0.0
82.5°	3.4	3.0	2.5	2.0	1.4	0.7	0.0
80°	4.7	4.0	3.4	2.7	1.9	0.9	0.0
77.5°	6.9	5.3	4.2	3.3	2.3	1.2	0.0
75°	9.1	7.2	5.2	4.0	2.8	1.4	0.0
72.5°	11.3	9.1	6.8	4.7	3.2	1.6	0.0
70°	13.5	11.0	8.3	5.4	3.7	1.8	0.0
67.5°	16.0	12.9	9.8	6.6	4.1	2.1	0.0
65°	18.6	14.9	11.4	7.8	4.6	2.3	0.0
62.5°	21.1	17.0	12.8	8.9	5.0	2.5	0.0
60°	23.6	19.2	14.3	10.0	5.4	2.7	0.0
57.5°	26.4	21.3	16.1	11.1	6.1	2.9	0.0
55°	29.3	23.4	17.8	12.2	6.9	3.1	0.0
52.5°	32.1	25.6	19.5	13.3	7.6	3.3	0.0
50°	34.8	27.9	21.1	14.3	8.2	3.5	0.0
47.5°	37.6	30.2	22.8	15.4	8.9	3.6	0.0
45°	40.9	32.4	24.4	16.6	9.5	3.8	0.0
42.5°	44.1	34.6	25.9	17.7	10.1	4.0	0.0
40°	47.3	36.7	27.5	18.8	10.7	4.1	0.0
37.5°	50.4	38.7	29.1	19.8	11.3	4.3	0.0
35°	53.5	41.0	30.7	20.8	11.8	4.4	0.0
32.5°	56.7	43.5	32.2	21.7	12.3	4.6	0.0
30°	60.1	45.8	33.6	22.5	12.8	4.7	0.0
27.5°	63.4	48.1	34.8	23.2	13.3	4.8	0.0
25°	66.5	50.3	35.9	23.9	13.7	4.9	0.0
22.5°	69.5	52.2	36.9	24.5	14.1	5.0	0.0
20°	72.4	53.7	37.8	25.0	14.4	5.1	0.0
17.5°	74.6	55.0	38.6	25.5	14.7	5.1	0.0
15°	76.2	56.1	39.4	25.9	15.0	5.2	0.0
12.5°	77.5	57.1	40.0	26.2	15.3	5.3	0.0
10°	78.7	57.8	40.6	26.5	15.5	5.3	0.0
7.5°	79.6	58.4	41.1	26.7	15.6	5.4	0.0
5°	80.2	58.8	41.4	26.8	15.8	5.4	0.0
2.5°	80.6	59.0	41.7	26.9	15.8	5.4	0.0
0°	80.8	59.1	41.8	26.9	15.9	5.4	0.0
-2.5°	80.6	59.0	41.7	26.9	15.8	5.4	0.0
-5°	80.2	58.8	41.4	26.8	15.8	5.4	0.0
-7.5°	79.6	58.4	41.1	26.7	15.6	5.4	0.0
-10°	78.7	57.8	40.6	26.5	15.5	5.3	0.0
-12.5°	77.5	57.1	40.0	26.2	15.3	5.3	0.0
-15°	76.2	56.1	39.4	25.9	15.0	5.2	0.0
-17.5°	74.6	55.0	38.6	25.5	14.7	5.1	0.0
-20°	72.4	53.7	37.8	25.0	14.4	5.1	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	69.5	52.2	36.9	24.5	14.1	5.0	0.0
-25°	66.5	50.3	35.9	23.9	13.7	4.9	0.0
-27.5°	63.4	48.1	34.8	23.2	13.3	4.8	0.0
-30°	60.1	45.8	33.6	22.5	12.8	4.7	0.0
-32.5°	56.7	43.5	32.2	21.7	12.3	4.6	0.0
-35°	53.5	41.0	30.7	20.8	11.8	4.4	0.0
-37.5°	50.4	38.7	29.1	19.8	11.3	4.3	0.0
-40°	47.3	36.7	27.5	18.8	10.7	4.1	0.0
-42.5°	44.1	34.6	25.9	17.7	10.1	4.0	0.0
-45°	40.9	32.4	24.4	16.6	9.5	3.8	0.0
-47.5°	37.6	30.2	22.8	15.4	8.9	3.6	0.0
-50°	34.8	27.9	21.1	14.3	8.2	3.5	0.0
-52.5°	32.1	25.6	19.5	13.3	7.6	3.3	0.0
-55°	29.3	23.4	17.8	12.2	6.9	3.1	0.0
-57.5°	26.4	21.3	16.1	11.1	6.1	2.9	0.0
-60°	23.6	19.2	14.3	10.0	5.4	2.7	0.0
-62.5°	21.1	17.0	12.8	8.9	5.0	2.5	0.0
-65°	18.6	14.9	11.4	7.8	4.6	2.3	0.0
-67.5°	16.0	12.9	9.8	6.6	4.1	2.1	0.0
-70°	13.5	11.0	8.3	5.4	3.7	1.8	0.0
-72.5°	11.3	9.1	6.8	4.7	3.2	1.6	0.0
-75°	9.1	7.2	5.2	4.0	2.8	1.4	0.0
-77.5°	6.9	5.3	4.2	3.3	2.3	1.2	0.0
-80°	4.7	4.0	3.4	2.7	1.9	0.9	0.0
-82.5°	3.4	3.0	2.5	2.0	1.4	0.7	0.0
-85°	2.3	2.0	1.7	1.3	0.9	0.5	0.0
-87.5°	1.1	1.0	0.9	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)