

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: P561374 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-AMB-U-NAT-BK**

Issue Date: 7/30/2021

Test Information

Test Method: LM-79-08
Report Number: P561374 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2107-305-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/30/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA2B-AMB-U-NAT-BK
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (32) 1549K CCT, -21.5 CRI LEDS
Ballast/Driver: -

Summary

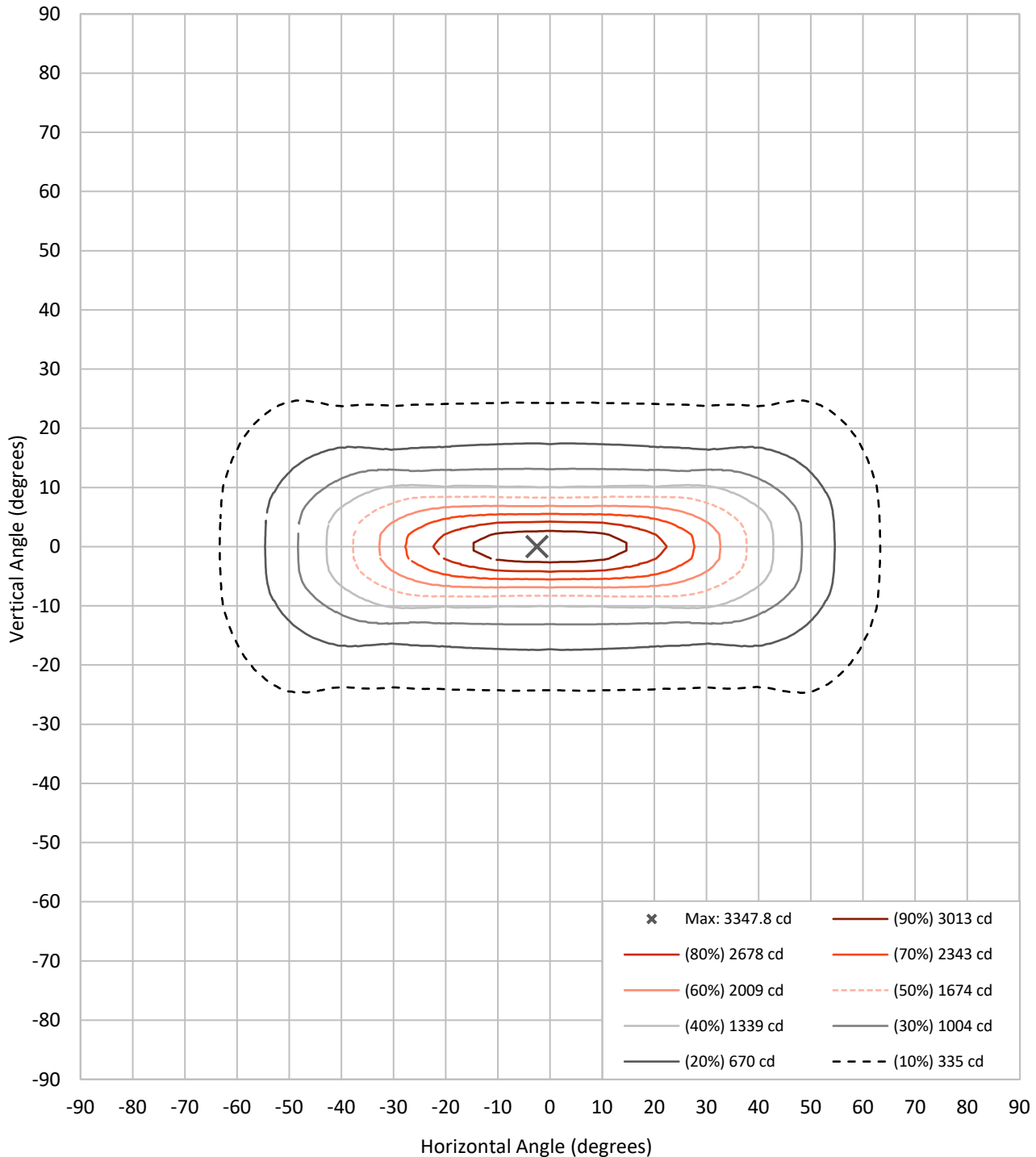
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	2100.4 lumens	Max Intensity:	3347.8 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	49.8 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	75.5°H x 16.6°V	Field Angle (10%):	126.6°H x 48.5°V
Beam Lumens:	740.9 lumens	Field Lumens:	1692 lumens
Beam Efficiency:	35.3%	Field Efficiency:	80.6%

Input Watts (W): 42.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





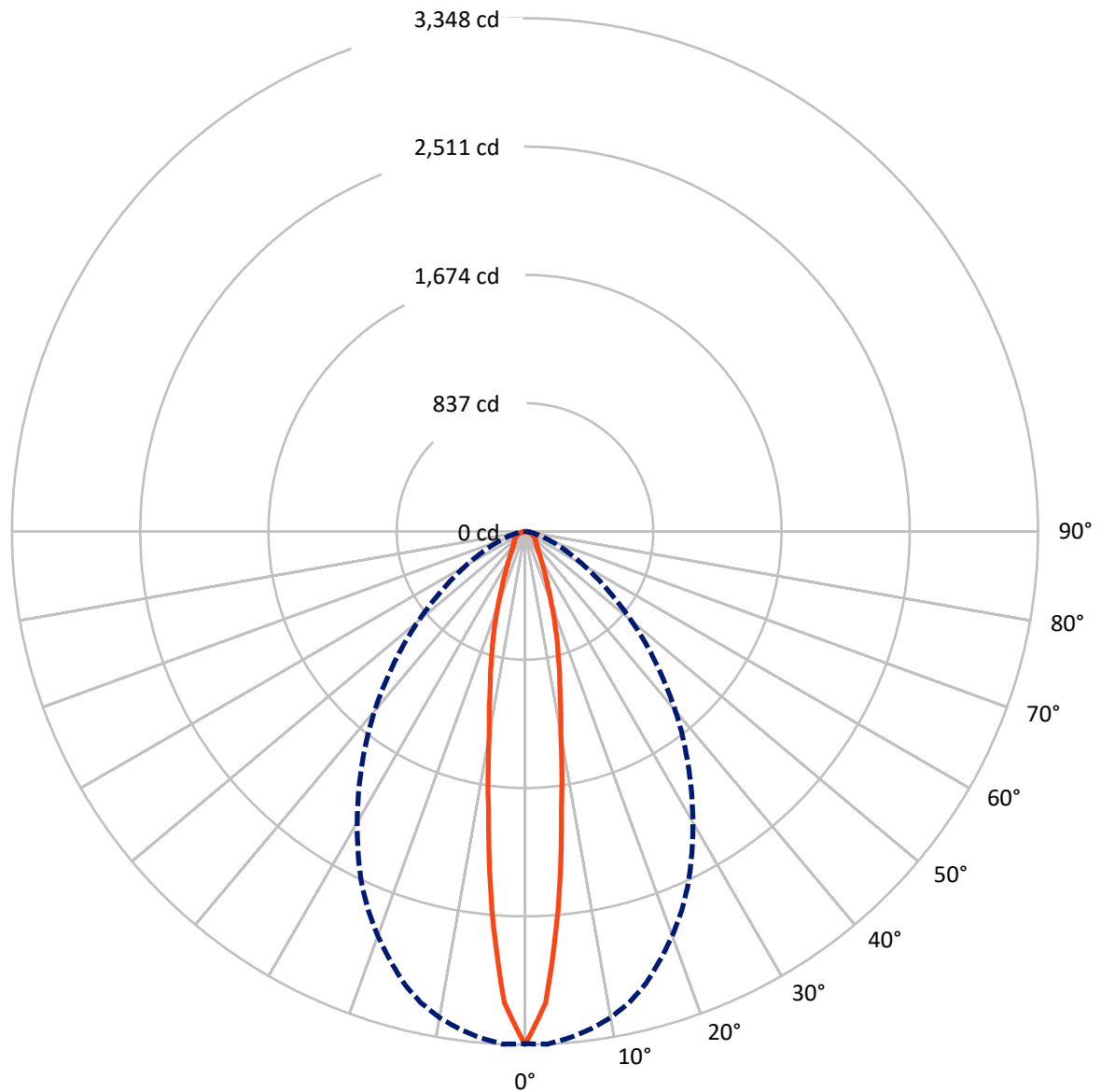
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Lumen Table

90	0.1	0.8	1.5	2.1	2.3	2.1	1.5	0.8	0.1										
80	0.1	0.8	1.5	2.1	2.3	2.1	1.5	0.8	0.1										
70	0.5	0.4	0.8	1.0	1.2	1.5	1.7	1.8	1.8	1.7	1.5	1.2	1.0	0.8	0.4	0.5			
60		0.7	1.2	1.6	1.8	2.1	2.3	2.4	2.4	2.3	2.1	1.8	1.6	1.2	0.7				
50	1.0	1.1	1.8	2.3	2.6	2.8	3.0	3.1	3.1	3.0	2.8	2.6	2.3	1.8	1.1	1.0			
40		1.6	2.9	3.6	4.1	4.4	4.6	4.7	4.7	4.6	4.4	4.1	3.6	2.9	1.6				
30	1.6	2.4	5.1	7.0	7.9	8.8	9.5	9.9	9.9	9.5	8.8	7.9	7.0	5.1	2.4	1.6			
20		3.2	8.3	15.0	20.4	23.1	25.2	26.3	26.3	25.2	23.1	20.4	15.0	8.3	3.2				
10	1.8	3.8	11.3	24.4	41.1	57.3	68.4	73.5	73.5	68.4	57.3	41.1	24.4	11.3	3.8	1.8			
0		3.8	11.3	24.4	41.1	57.3	68.4	73.5	73.5	68.4	57.3	41.1	24.4	11.3	3.8				
-10	1.6	3.2	8.3	15.0	20.4	23.1	25.2	26.3	26.3	25.2	23.1	20.4	15.0	8.3	3.2	1.6			
-20		2.4	5.1	7.0	7.9	8.8	9.5	9.9	9.9	9.5	8.8	7.9	7.0	5.1	2.4				
-30	1.0	1.6	2.9	3.6	4.1	4.4	4.6	4.7	4.7	4.6	4.4	4.1	3.6	2.9	1.6	1.0			
-40		1.1	1.8	2.3	2.6	2.8	3.0	3.1	3.1	3.0	2.8	2.6	2.3	1.8	1.1				
-50	0.5	0.7	1.2	1.6	1.8	2.1	2.3	2.4	2.4	2.3	2.1	1.8	1.6	1.2	0.7	0.5			
-60		0.4	0.8	1.0	1.2	1.5	1.7	1.8	1.8	1.7	1.5	1.2	1.0	0.8	0.4				
-70	0.1	0.8	1.5	2.1	2.3	2.1	1.5	0.8	0.1						0.1				
-80		0.1	0.8	1.5	2.1	2.3	2.1	1.5	0.8	0.1									
-90	0.1	0.8	1.5	2.1	2.3	2.1	1.5	0.8	0.1						0.1				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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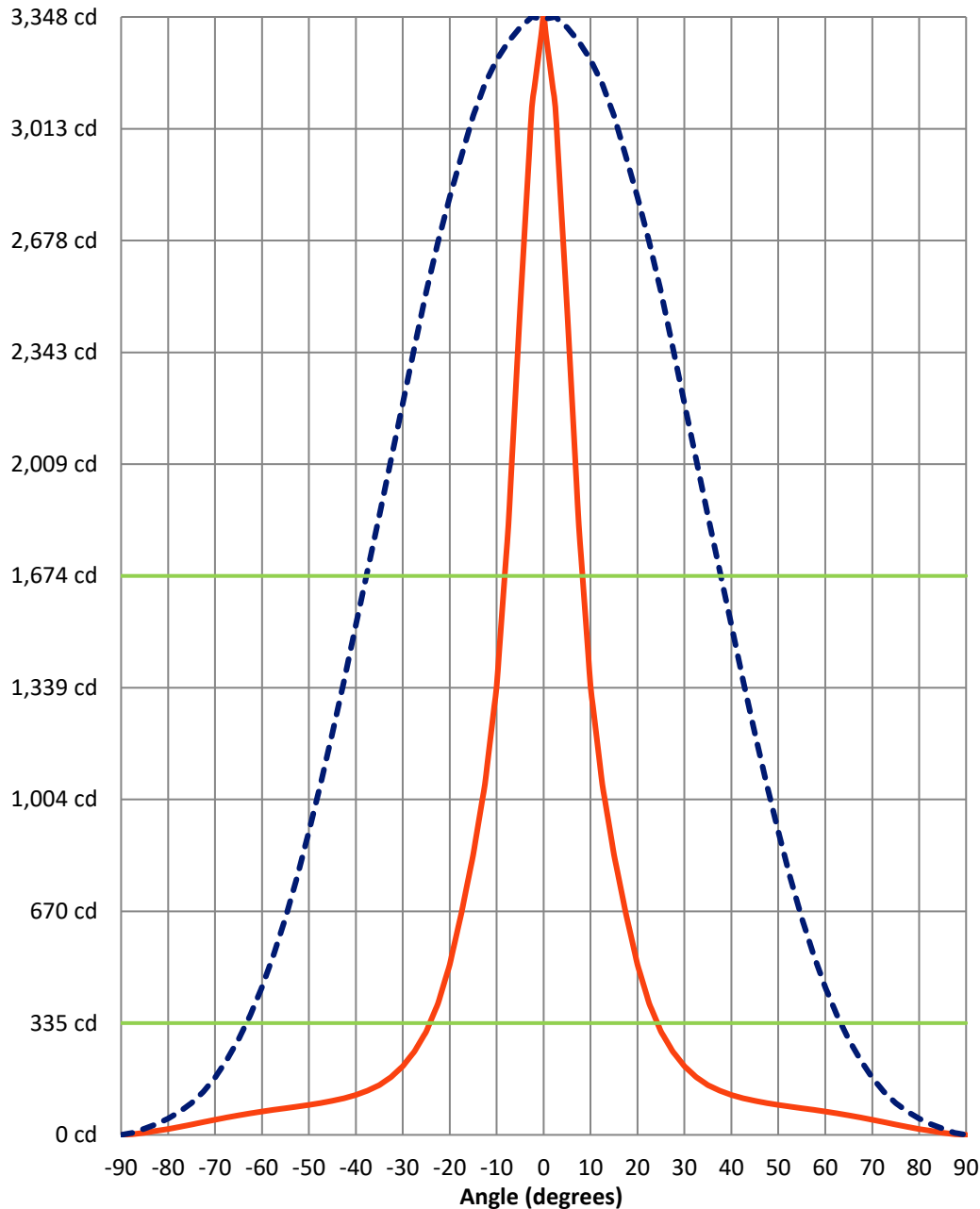
Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 75.5°
 V Angle: 16.6°
 Lumens: 740.9
 Efficiency: 35.3%

Field:
 H Angle: 126.6°
 V Angle: 48.5°
 Lumens: 1692
 Efficiency: 80.6%

Spill:
 Lumens: 408.4
 Efficiency: 19.4%

— Vertical Distribution through -2.5-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	0.3	0.5	0.8	1.0	1.2	1.4	1.6	1.8	1.9	2.1
85°	0.0	0.5	1.1	1.6	2.1	2.5	2.9	3.3	3.6	3.9	4.1
82.5°	0.0	0.8	1.6	2.4	3.1	3.7	4.3	4.9	5.5	6.2	6.9
80°	0.0	1.1	2.2	3.2	4.1	5.0	5.9	7.2	8.3	9.3	10.1
77.5°	0.0	1.4	2.7	4.0	5.1	6.5	8.2	9.7	11.1	12.3	13.5
75°	0.0	1.6	3.3	4.8	6.3	8.6	10.5	12.3	14.0	15.8	17.4
72.5°	0.0	1.9	3.8	5.5	8.1	10.7	12.9	15.1	17.5	19.5	21.3
70°	0.0	2.2	4.3	6.4	9.8	12.7	15.3	18.2	20.9	23.3	25.5
67.5°	0.0	2.4	4.8	7.8	11.6	14.8	18.1	21.4	24.4	27.4	29.8
65°	0.0	2.7	5.3	9.2	13.3	17.1	21.0	24.5	28.3	31.6	34.4
62.5°	0.0	2.9	5.8	10.5	15.0	19.6	23.8	28.0	32.3	36.0	39.6
60°	0.0	3.1	6.3	11.8	16.7	22.0	26.7	31.7	36.3	41.0	45.0
57.5°	0.0	3.4	7.2	13.2	18.7	24.5	30.0	35.4	40.9	46.1	50.6
55°	0.0	3.6	8.0	14.5	20.7	26.9	33.3	39.1	45.5	51.3	56.5
52.5°	0.0	3.8	8.9	15.7	22.7	29.3	36.6	43.4	50.2	57.0	62.6
50°	0.0	4.0	9.7	17.0	24.6	32.1	39.9	47.7	55.1	62.9	69.7
47.5°	0.0	4.3	10.5	18.2	26.5	34.9	43.2	52.0	60.5	68.8	77.2
45°	0.0	4.5	11.3	19.6	28.3	37.6	47.0	56.4	66.2	76.0	85.0
42.5°	0.0	4.6	12.0	21.0	30.1	40.3	50.7	61.1	72.0	83.3	94.2
40°	0.0	4.8	12.7	22.2	32.0	42.9	54.4	66.2	78.2	90.9	104.0
37.5°	0.0	5.0	13.4	23.4	34.0	45.5	58.0	71.3	85.3	99.5	114.2
35°	0.0	5.2	14.0	24.5	36.0	48.2	61.5	76.3	92.6	109.2	125.1
32.5°	0.0	5.3	14.6	25.5	37.9	51.0	65.2	81.3	99.9	119.1	137.5
30°	0.0	5.5	15.2	26.5	39.7	53.8	69.3	86.6	107.3	129.1	150.7
27.5°	0.0	5.6	15.7	27.3	41.1	56.4	73.2	92.6	115.1	139.3	164.4
25°	0.0	5.7	16.2	28.1	42.4	58.9	77.0	98.5	123.5	150.4	178.8
22.5°	0.0	5.8	16.7	28.9	43.6	61.2	80.7	104.3	131.8	162.0	194.9
20°	0.0	5.9	17.1	29.5	44.7	62.8	84.3	110.0	139.9	173.8	211.3
17.5°	0.0	6.0	17.4	30.1	45.7	64.3	87.0	115.5	147.8	185.5	227.7
15°	0.0	6.1	17.8	30.6	46.5	65.6	89.0	119.8	155.4	197.0	243.9
12.5°	0.0	6.2	18.1	31.0	47.2	66.8	90.8	122.4	160.8	208.3	260.0
10°	0.0	6.2	18.3	31.4	47.8	67.7	92.3	124.6	164.1	213.9	272.4
7.5°	0.0	6.2	18.5	31.7	48.2	68.5	93.5	126.4	166.8	217.9	277.5
5°	0.0	6.3	18.6	31.8	48.5	69.0	94.4	127.7	169.0	220.9	281.4
2.5°	0.0	6.3	18.7	32.0	48.7	69.4	95.1	128.5	170.5	223.1	284.1
0°	0.0	6.3	18.8	32.0	48.8	69.6	95.4	128.8	171.3	224.3	285.5
-2.5°	0.0	6.3	18.7	32.0	48.7	69.4	95.1	128.5	170.5	223.1	284.1
-5°	0.0	6.3	18.6	31.8	48.5	69.0	94.4	127.7	169.0	220.9	281.4
-7.5°	0.0	6.2	18.5	31.7	48.2	68.5	93.5	126.4	166.8	217.9	277.5
-10°	0.0	6.2	18.3	31.4	47.8	67.7	92.3	124.6	164.1	213.9	272.4
-12.5°	0.0	6.2	18.1	31.0	47.2	66.8	90.8	122.4	160.8	208.3	260.0
-15°	0.0	6.1	17.8	30.6	46.5	65.6	89.0	119.8	155.4	197.0	243.9
-17.5°	0.0	6.0	17.4	30.1	45.7	64.3	87.0	115.5	147.8	185.5	227.7
-20°	0.0	5.9	17.1	29.5	44.7	62.8	84.3	110.0	139.9	173.8	211.3



REPORT NUMBER: P561374 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-AMB-U-NAT-BK

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.8	16.7	28.9	43.6	61.2	80.7	104.3	131.8	162.0	194.9
-25°	0.0	5.7	16.2	28.1	42.4	58.9	77.0	98.5	123.5	150.4	178.8
-27.5°	0.0	5.6	15.7	27.3	41.1	56.4	73.2	92.6	115.1	139.3	164.4
-30°	0.0	5.5	15.2	26.5	39.7	53.8	69.3	86.6	107.3	129.1	150.7
-32.5°	0.0	5.3	14.6	25.5	37.9	51.0	65.2	81.3	99.9	119.1	137.5
-35°	0.0	5.2	14.0	24.5	36.0	48.2	61.5	76.3	92.6	109.2	125.1
-37.5°	0.0	5.0	13.4	23.4	34.0	45.5	58.0	71.3	85.3	99.5	114.2
-40°	0.0	4.8	12.7	22.2	32.0	42.9	54.4	66.2	78.2	90.9	104.0
-42.5°	0.0	4.6	12.0	21.0	30.1	40.3	50.7	61.1	72.0	83.3	94.2
-45°	0.0	4.5	11.3	19.6	28.3	37.6	47.0	56.4	66.2	76.0	85.0
-47.5°	0.0	4.3	10.5	18.2	26.5	34.9	43.2	52.0	60.5	68.8	77.2
-50°	0.0	4.0	9.7	17.0	24.6	32.1	39.9	47.7	55.1	62.9	69.7
-52.5°	0.0	3.8	8.9	15.7	22.7	29.3	36.6	43.4	50.2	57.0	62.6
-55°	0.0	3.6	8.0	14.5	20.7	26.9	33.3	39.1	45.5	51.3	56.5
-57.5°	0.0	3.4	7.2	13.2	18.7	24.5	30.0	35.4	40.9	46.1	50.6
-60°	0.0	3.1	6.3	11.8	16.7	22.0	26.7	31.7	36.3	41.0	45.0
-62.5°	0.0	2.9	5.8	10.5	15.0	19.6	23.8	28.0	32.3	36.0	39.6
-65°	0.0	2.7	5.3	9.2	13.3	17.1	21.0	24.5	28.3	31.6	34.4
-67.5°	0.0	2.4	4.8	7.8	11.6	14.8	18.1	21.4	24.4	27.4	29.8
-70°	0.0	2.2	4.3	6.4	9.8	12.7	15.3	18.2	20.9	23.3	25.5
-72.5°	0.0	1.9	3.8	5.5	8.1	10.7	12.9	15.1	17.5	19.5	21.3
-75°	0.0	1.6	3.3	4.8	6.3	8.6	10.5	12.3	14.0	15.8	17.4
-77.5°	0.0	1.4	2.7	4.0	5.1	6.5	8.2	9.7	11.1	12.3	13.5
-80°	0.0	1.1	2.2	3.2	4.1	5.0	5.9	7.2	8.3	9.3	10.1
-82.5°	0.0	0.8	1.6	2.4	3.1	3.7	4.3	4.9	5.5	6.2	6.9
-85°	0.0	0.5	1.1	1.6	2.1	2.5	2.9	3.3	3.6	3.9	4.1
-87.5°	0.0	0.3	0.5	0.8	1.0	1.2	1.4	1.6	1.8	1.9	2.1
-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):

	-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°	2.2	2.3	2.4	2.4	2.6	2.7	2.8	3.0	3.0	3.0	2.9
85°	4.4	4.6	4.9	5.1	5.5	5.8	6.0	6.2	6.4	6.5	6.6
82.5°	7.5	8.0	8.4	8.7	9.1	9.4	9.6	9.9	10.2	10.5	10.7
80°	10.9	11.5	12.2	12.7	13.3	13.8	14.1	14.3	14.7	15.1	15.5
77.5°	14.7	15.7	16.5	17.2	17.8	18.4	18.9	19.2	19.8	20.4	21.0
75°	18.8	19.9	21.0	22.0	22.8	23.5	24.0	24.3	24.8	25.6	26.2
72.5°	22.9	24.5	25.8	26.9	27.9	28.7	29.3	29.5	30.0	30.9	31.5
70°	27.3	29.1	30.9	32.3	33.3	34.2	34.9	35.2	35.5	36.3	37.1
67.5°	31.8	34.4	36.4	37.9	39.1	40.2	40.8	41.0	41.1	42.1	42.9
65°	37.1	39.8	42.0	43.8	45.1	46.1	46.7	47.0	46.9	47.8	48.7
62.5°	42.5	45.4	47.9	49.8	51.0	51.9	52.7	53.1	53.0	53.6	54.4
60°	48.2	51.1	53.8	55.9	57.1	58.1	59.1	59.6	59.4	59.4	60.3
57.5°	54.1	56.9	60.0	62.3	63.9	64.6	65.9	66.4	66.2	65.4	66.4
55°	60.4	63.0	66.5	69.3	71.1	71.9	72.9	73.5	73.2	72.4	72.8
52.5°	67.5	69.9	73.6	76.8	79.0	79.9	80.3	81.1	81.1	80.2	79.6
50°	75.0	78.4	80.9	84.9	87.4	88.5	88.2	89.2	89.2	88.3	86.8
47.5°	83.7	87.6	89.0	93.4	96.4	97.9	97.8	97.5	97.6	97.2	95.8
45°	93.2	98.2	99.8	102.5	106.1	108.2	108.2	106.0	107.0	106.9	105.7
42.5°	103.4	109.9	112.8	112.0	116.7	119.4	119.7	117.9	117.0	117.5	116.8
40°	114.8	122.5	127.5	126.9	128.0	131.6	133.3	132.2	128.2	129.5	129.3
37.5°	127.0	137.5	144.2	145.8	140.4	145.4	148.3	149.3	146.1	142.7	144.0
35°	139.8	153.6	163.6	167.8	164.6	160.9	166.4	168.8	167.0	161.4	160.9
32.5°	154.3	171.0	184.9	193.1	194.2	186.7	186.5	191.0	191.9	188.5	181.0
30°	170.9	191.0	208.5	221.0	228.1	226.7	214.6	215.8	220.2	221.2	217.1
27.5°	189.2	212.4	234.9	253.3	266.2	271.7	266.5	248.5	253.2	258.3	259.2
25°	208.4	237.3	263.1	288.9	309.5	322.8	325.9	317.3	295.4	301.8	308.9
22.5°	229.0	263.3	296.0	326.9	356.2	379.3	393.4	397.3	388.2	362.8	364.9
20°	251.0	291.8	332.0	371.5	406.8	440.4	467.0	486.5	493.6	486.2	461.1
17.5°	273.2	321.1	370.1	419.8	467.2	510.0	546.6	583.5	608.8	623.1	621.9
15°	295.6	350.8	409.0	469.8	530.9	588.7	641.7	691.0	734.7	773.1	798.1
12.5°	317.8	380.5	448.2	520.8	596.5	670.1	742.6	811.9	875.6	935.9	990.3
10°	339.5	409.9	487.3	572.2	663.1	753.0	845.8	935.9	1022.6	1106.9	1187.2
7.5°	347.9	428.7	521.2	623.1	729.5	836.2	949.6	1061.2	1170.9	1279.4	1384.6
5°	352.9	435.2	530.0	638.5	761.4	891.5	1035.5	1184.8	1318.0	1450.7	1580.9
2.5°	356.3	439.8	536.2	645.5	769.0	902.2	1046.1	1197.0	1353.0	1516.2	1679.7
0°	358.0	442.2	539.7	649.1	772.4	908.2	1050.9	1202.8	1360.2	1526.6	1690.3
-2.5°	356.3	439.8	536.2	645.5	769.0	902.2	1046.1	1197.0	1353.0	1516.2	1679.7
-5°	352.9	435.2	530.0	638.5	761.4	891.5	1035.5	1184.8	1318.0	1450.7	1580.9
-7.5°	347.9	428.7	521.2	623.1	729.5	836.2	949.6	1061.2	1170.9	1279.4	1384.6
-10°	339.5	409.9	487.3	572.2	663.1	753.0	845.8	935.9	1022.6	1106.9	1187.2
-12.5°	317.8	380.5	448.2	520.8	596.5	670.1	742.6	811.9	875.6	935.9	990.3
-15°	295.6	350.8	409.0	469.8	530.9	588.7	641.7	691.0	734.7	773.1	798.1
-17.5°	273.2	321.1	370.1	419.8	467.2	510.0	546.6	583.5	608.8	623.1	621.9
-20°	251.0	291.8	332.0	371.5	406.8	440.4	467.0	486.5	493.6	486.2	461.1



REPORT NUMBER: P561374 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-AMB-U-NAT-BK

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	229.0	263.3	296.0	326.9	356.2	379.3	393.4	397.3	388.2	362.8	364.9
-25°	208.4	237.3	263.1	288.9	309.5	322.8	325.9	317.3	295.4	301.8	308.9
-27.5°	189.2	212.4	234.9	253.3	266.2	271.7	266.5	248.5	253.2	258.3	259.2
-30°	170.9	191.0	208.5	221.0	228.1	226.7	214.6	215.8	220.2	221.2	217.1
-32.5°	154.3	171.0	184.9	193.1	194.2	186.7	186.5	191.0	191.9	188.5	181.0
-35°	139.8	153.6	163.6	167.8	164.6	160.9	166.4	168.8	167.0	161.4	160.9
-37.5°	127.0	137.5	144.2	145.8	140.4	145.4	148.3	149.3	146.1	142.7	144.0
-40°	114.8	122.5	127.5	126.9	128.0	131.6	133.3	132.2	128.2	129.5	129.3
-42.5°	103.4	109.9	112.8	112.0	116.7	119.4	119.7	117.9	117.0	117.5	116.8
-45°	93.2	98.2	99.8	102.5	106.1	108.2	108.2	106.0	107.0	106.9	105.7
-47.5°	83.7	87.6	89.0	93.4	96.4	97.9	97.8	97.5	97.6	97.2	95.8
-50°	75.0	78.4	80.9	84.9	87.4	88.5	88.2	89.2	89.2	88.3	86.8
-52.5°	67.5	69.9	73.6	76.8	79.0	79.9	80.3	81.1	81.1	80.2	79.6
-55°	60.4	63.0	66.5	69.3	71.1	71.9	72.9	73.5	73.2	72.4	72.8
-57.5°	54.1	56.9	60.0	62.3	63.9	64.6	65.9	66.4	66.2	65.4	66.4
-60°	48.2	51.1	53.8	55.9	57.1	58.1	59.1	59.6	59.4	59.4	60.3
-62.5°	42.5	45.4	47.9	49.8	51.0	51.9	52.7	53.1	53.0	53.6	54.4
-65°	37.1	39.8	42.0	43.8	45.1	46.1	46.7	47.0	46.9	47.8	48.7
-67.5°	31.8	34.4	36.4	37.9	39.1	40.2	40.8	41.0	41.1	42.1	42.9
-70°	27.3	29.1	30.9	32.3	33.3	34.2	34.9	35.2	35.5	36.3	37.1
-72.5°	22.9	24.5	25.8	26.9	27.9	28.7	29.3	29.5	30.0	30.9	31.5
-75°	18.8	19.9	21.0	22.0	22.8	23.5	24.0	24.3	24.8	25.6	26.2
-77.5°	14.7	15.7	16.5	17.2	17.8	18.4	18.9	19.2	19.8	20.4	21.0
-80°	10.9	11.5	12.2	12.7	13.3	13.8	14.1	14.3	14.7	15.1	15.5
-82.5°	7.5	8.0	8.4	8.7	9.1	9.4	9.6	9.9	10.2	10.5	10.7
-85°	4.4	4.6	4.9	5.1	5.5	5.8	6.0	6.2	6.4	6.5	6.6
-87.5°	2.2	2.3	2.4	2.4	2.6	2.7	2.8	3.0	3.0	3.0	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: P561374 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-AMB-U-NAT-BK

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	2.8	2.7	2.6	2.5	2.6	2.6	2.7	2.7	2.6	2.4
85°	6.6	6.7	6.7	6.8	6.8	6.8	6.8	6.8	6.7	6.6	6.5
82.5°	10.9	11.2	11.5	11.9	12.2	12.2	12.2	12.1	12.0	12.1	12.2
80°	15.9	16.4	16.8	17.2	17.4	17.5	17.5	17.4	17.4	17.4	17.4
77.5°	21.5	21.9	22.3	22.6	22.9	23.2	23.5	23.7	23.9	24.1	24.2
75°	26.7	27.3	27.8	28.3	28.8	29.4	29.8	30.3	30.6	30.9	31.0
72.5°	32.0	32.5	33.4	34.2	34.9	35.5	36.1	36.7	37.3	37.7	37.9
70°	37.6	38.2	39.2	40.0	40.8	41.6	42.5	43.3	44.0	44.5	44.8
67.5°	43.5	44.1	45.2	46.2	47.0	47.9	49.0	49.9	50.7	51.2	51.6
65°	49.4	49.6	50.8	52.0	53.1	54.1	55.2	56.1	56.9	57.5	57.9
62.5°	54.9	55.2	56.4	57.8	58.9	59.8	60.9	61.9	62.9	63.7	64.1
60°	61.0	61.4	62.1	63.2	64.2	64.9	66.1	67.2	68.1	68.8	69.3
57.5°	67.1	67.3	67.4	68.7	69.6	70.2	71.1	72.3	73.2	74.0	74.5
55°	73.5	73.7	73.4	74.4	75.3	76.0	76.8	77.7	78.5	79.0	79.4
52.5°	80.3	80.4	79.7	80.0	81.0	81.6	81.9	82.9	83.7	84.2	84.6
50°	87.5	87.4	86.7	86.0	87.1	87.7	87.8	88.6	89.2	89.4	89.5
47.5°	95.2	95.1	94.5	93.0	93.9	94.5	94.3	94.4	95.1	95.4	95.6
45°	103.6	104.0	103.4	102.2	101.8	102.3	102.1	101.7	102.5	102.7	102.5
42.5°	114.7	113.9	113.6	112.7	110.9	111.4	111.3	110.3	111.0	111.1	110.7
40°	128.0	124.8	125.4	124.6	122.7	122.0	122.4	121.3	121.3	121.8	121.1
37.5°	143.4	140.6	139.3	139.3	137.8	135.3	136.3	135.8	134.7	135.3	134.4
35°	162.0	160.9	156.4	157.3	156.6	154.1	154.0	154.1	151.3	152.4	151.7
32.5°	184.5	184.9	182.2	179.5	180.7	179.5	176.0	177.9	175.7	175.4	175.7
30°	210.1	213.3	214.4	210.8	210.5	211.1	208.5	209.1	209.1	207.1	208.7
27.5°	253.2	247.8	252.6	253.3	247.8	249.9	252.4	248.6	252.7	249.0	252.3
25°	309.1	302.3	298.8	306.1	305.6	302.2	309.2	307.4	309.9	309.4	310.4
22.5°	375.8	379.0	371.7	369.9	381.7	382.7	380.4	388.5	384.3	391.6	389.2
20°	451.3	466.5	475.2	473.1	473.2	484.8	486.3	493.1	497.1	501.0	503.4
17.5°	601.7	569.9	594.8	609.7	610.6	610.1	628.0	630.6	640.1	645.3	651.9
15°	807.0	796.1	763.5	766.5	792.2	799.9	787.0	810.0	815.1	826.9	826.6
12.5°	1031.2	1054.5	1057.9	1037.8	995.8	1033.4	1049.3	1027.6	1047.9	1040.4	1052.2
10°	1262.2	1329.6	1373.1	1395.4	1396.0	1376.6	1354.8	1384.1	1372.8	1376.3	1357.2
7.5°	1484.8	1579.5	1667.8	1749.6	1811.8	1838.8	1848.6	1845.1	1847.1	1857.9	1839.8
5°	1705.9	1825.1	1936.3	2042.0	2140.0	2233.4	2322.5	2396.0	2419.4	2441.5	2468.6
2.5°	1842.9	2005.9	2163.2	2317.6	2446.8	2558.7	2664.3	2760.2	2846.2	2933.2	3015.0
0°	1853.9	2022.5	2190.3	2359.5	2524.6	2673.6	2808.1	2931.3	3051.8	3147.2	3219.6
-2.5°	1842.9	2005.9	2163.2	2317.6	2446.8	2558.7	2664.3	2760.2	2846.2	2933.2	3015.0
-5°	1705.9	1825.1	1936.3	2042.0	2140.0	2233.4	2322.5	2396.0	2419.4	2441.5	2468.6
-7.5°	1484.8	1579.5	1667.8	1749.6	1811.8	1838.8	1848.6	1845.1	1847.1	1857.9	1839.8
-10°	1262.2	1329.6	1373.1	1395.4	1396.0	1376.6	1354.8	1384.1	1372.8	1376.3	1357.2
-12.5°	1031.2	1054.5	1057.9	1037.8	995.8	1033.4	1049.3	1027.6	1047.9	1040.4	1052.2
-15°	807.0	796.1	763.5	766.5	792.2	799.9	787.0	810.0	815.1	826.9	826.6
-17.5°	601.7	569.9	594.8	609.7	610.6	610.1	628.0	630.6	640.1	645.3	651.9
-20°	451.3	466.5	475.2	473.1	473.2	484.8	486.3	493.1	497.1	501.0	503.4



REPORT NUMBER: P561374 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-AMB-U-NAT-BK

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	375.8	379.0	371.7	369.9	381.7	382.7	380.4	388.5	384.3	391.6	389.2
-25°	309.1	302.3	298.8	306.1	305.6	302.2	309.2	307.4	309.9	309.4	310.4
-27.5°	253.2	247.8	252.6	253.3	247.8	249.9	252.4	248.6	252.7	249.0	252.3
-30°	210.1	213.3	214.4	210.8	210.5	211.1	208.5	209.1	209.1	207.1	208.7
-32.5°	184.5	184.9	182.2	179.5	180.7	179.5	176.0	177.9	175.7	175.4	175.7
-35°	162.0	160.9	156.4	157.3	156.6	154.1	154.0	154.1	151.3	152.4	151.7
-37.5°	143.4	140.6	139.3	139.3	137.8	135.3	136.3	135.8	134.7	135.3	134.4
-40°	128.0	124.8	125.4	124.6	122.7	122.0	122.4	121.3	121.3	121.8	121.1
-42.5°	114.7	113.9	113.6	112.7	110.9	111.4	111.3	110.3	111.0	111.1	110.7
-45°	103.6	104.0	103.4	102.2	101.8	102.3	102.1	101.7	102.5	102.7	102.5
-47.5°	95.2	95.1	94.5	93.0	93.9	94.5	94.3	94.4	95.1	95.4	95.6
-50°	87.5	87.4	86.7	86.0	87.1	87.7	87.8	88.6	89.2	89.4	89.5
-52.5°	80.3	80.4	79.7	80.0	81.0	81.6	81.9	82.9	83.7	84.2	84.6
-55°	73.5	73.7	73.4	74.4	75.3	76.0	76.8	77.7	78.5	79.0	79.4
-57.5°	67.1	67.3	67.4	68.7	69.6	70.2	71.1	72.3	73.2	74.0	74.5
-60°	61.0	61.4	62.1	63.2	64.2	64.9	66.1	67.2	68.1	68.8	69.3
-62.5°	54.9	55.2	56.4	57.8	58.9	59.8	60.9	61.9	62.9	63.7	64.1
-65°	49.4	49.6	50.8	52.0	53.1	54.1	55.2	56.1	56.9	57.5	57.9
-67.5°	43.5	44.1	45.2	46.2	47.0	47.9	49.0	49.9	50.7	51.2	51.6
-70°	37.6	38.2	39.2	40.0	40.8	41.6	42.5	43.3	44.0	44.5	44.8
-72.5°	32.0	32.5	33.4	34.2	34.9	35.5	36.1	36.7	37.3	37.7	37.9
-75°	26.7	27.3	27.8	28.3	28.8	29.4	29.8	30.3	30.6	30.9	31.0
-77.5°	21.5	21.9	22.3	22.6	22.9	23.2	23.5	23.7	23.9	24.1	24.2
-80°	15.9	16.4	16.8	17.2	17.4	17.5	17.5	17.4	17.4	17.4	17.4
-82.5°	10.9	11.2	11.5	11.9	12.2	12.2	12.2	12.1	12.0	12.1	12.2
-85°	6.6	6.7	6.7	6.8	6.8	6.8	6.8	6.8	6.7	6.6	6.5
-87.5°	2.9	2.8	2.7	2.6	2.5	2.6	2.6	2.7	2.7	2.6	2.4
-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: P561374 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-AMB-U-NAT-BK

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°	2.3	2.1	2.1	2.1	2.1	2.1	2.3	2.4	2.6	2.7	2.7
85°	6.4	6.3	6.3	6.3	6.3	6.3	6.4	6.5	6.6	6.7	6.8
82.5°	12.3	12.4	12.1	11.8	12.1	12.4	12.3	12.2	12.1	12.0	12.1
80°	17.4	17.3	17.4	17.4	17.4	17.3	17.4	17.4	17.4	17.4	17.4
77.5°	24.3	24.3	24.0	23.7	24.0	24.3	24.3	24.2	24.1	23.9	23.7
75°	31.1	31.2	30.9	30.6	30.9	31.2	31.1	31.0	30.9	30.6	30.3
72.5°	38.1	38.1	38.2	38.3	38.2	38.1	38.1	37.9	37.7	37.3	36.7
70°	45.0	45.1	45.2	45.3	45.2	45.1	45.0	44.8	44.5	44.0	43.3
67.5°	51.9	52.0	52.1	52.2	52.1	52.0	51.9	51.6	51.2	50.7	49.9
65°	58.2	58.3	58.4	58.5	58.4	58.3	58.2	57.9	57.5	56.9	56.1
62.5°	64.4	64.6	64.4	64.1	64.4	64.6	64.4	64.1	63.7	62.9	61.9
60°	69.7	70.0	69.9	69.6	69.9	70.0	69.7	69.3	68.8	68.1	67.2
57.5°	74.8	75.0	75.1	75.2	75.1	75.0	74.8	74.5	74.0	73.2	72.3
55°	79.7	79.9	79.8	79.4	79.8	79.9	79.7	79.4	79.0	78.5	77.7
52.5°	84.8	84.8	84.7	84.3	84.7	84.8	84.8	84.6	84.2	83.7	82.9
50°	89.7	89.7	89.7	89.8	89.7	89.7	89.7	89.5	89.4	89.2	88.6
47.5°	95.7	95.4	95.3	95.4	95.3	95.4	95.7	95.6	95.4	95.1	94.4
45°	102.6	102.4	102.0	101.7	102.0	102.4	102.6	102.5	102.7	102.5	101.7
42.5°	110.7	110.2	109.6	109.3	109.6	110.2	110.7	110.7	111.1	111.0	110.3
40°	121.0	120.3	119.5	119.8	119.5	120.3	121.0	121.1	121.8	121.3	121.3
37.5°	134.1	133.5	132.5	132.3	132.5	133.5	134.1	134.4	135.3	134.7	135.8
35°	150.9	150.4	149.0	148.3	149.0	150.4	150.9	151.7	152.4	151.3	154.1
32.5°	174.3	174.6	173.1	171.3	173.1	174.6	174.3	175.7	175.4	175.7	177.9
30°	206.5	207.5	205.6	204.8	205.6	207.5	206.5	208.7	207.1	209.1	209.1
27.5°	250.9	251.8	250.1	250.0	250.1	251.8	250.9	252.3	249.0	252.7	248.6
25°	311.5	311.2	309.4	307.8	309.4	311.2	311.5	310.4	309.4	309.9	307.4
22.5°	395.5	394.1	393.2	393.5	393.2	394.1	395.5	389.2	391.6	384.3	388.5
20°	510.0	507.5	509.7	504.9	509.7	507.5	510.0	503.4	501.0	497.1	493.1
17.5°	656.3	659.3	664.6	654.0	664.6	659.3	656.3	651.9	645.3	640.1	630.6
15°	835.0	838.4	838.9	825.3	838.9	838.4	835.0	826.6	826.9	815.1	810.0
12.5°	1050.2	1053.3	1050.1	1052.3	1050.1	1053.3	1050.2	1052.2	1040.4	1047.9	1027.6
10°	1349.2	1360.7	1343.4	1346.9	1343.4	1360.7	1349.2	1357.2	1376.3	1372.8	1384.1
7.5°	1829.2	1825.4	1825.3	1827.5	1825.3	1825.4	1829.2	1839.8	1857.9	1847.1	1845.1
5°	2474.2	2469.3	2475.4	2492.6	2475.4	2469.3	2474.2	2468.6	2441.5	2419.4	2396.0
2.5°	3052.0	3082.8	3078.0	3102.6	3078.0	3082.8	3052.0	3015.0	2933.2	2846.2	2760.2
0°	3274.0	3316.5	3347.8	3341.5	3347.8	3316.5	3274.0	3219.6	3147.2	3051.8	2931.3
-2.5°	3052.0	3082.8	3078.0	3102.6	3078.0	3082.8	3052.0	3015.0	2933.2	2846.2	2760.2
-5°	2474.2	2469.3	2475.4	2492.6	2475.4	2469.3	2474.2	2468.6	2441.5	2419.4	2396.0
-7.5°	1829.2	1825.4	1825.3	1827.5	1825.3	1825.4	1829.2	1839.8	1857.9	1847.1	1845.1
-10°	1349.2	1360.7	1343.4	1346.9	1343.4	1360.7	1349.2	1357.2	1376.3	1372.8	1384.1
-12.5°	1050.2	1053.3	1050.1	1052.3	1050.1	1053.3	1050.2	1052.2	1040.4	1047.9	1027.6
-15°	835.0	838.4	838.9	825.3	838.9	838.4	835.0	826.6	826.9	815.1	810.0
-17.5°	656.3	659.3	664.6	654.0	664.6	659.3	656.3	651.9	645.3	640.1	630.6
-20°	510.0	507.5	509.7	504.9	509.7	507.5	510.0	503.4	501.0	497.1	493.1



REPORT NUMBER: P561374 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-AMB-U-NAT-BK

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	395.5	394.1	393.2	393.5	393.2	394.1	395.5	389.2	391.6	384.3	388.5
-25°	311.5	311.2	309.4	307.8	309.4	311.2	311.5	310.4	309.4	309.9	307.4
-27.5°	250.9	251.8	250.1	250.0	250.1	251.8	250.9	252.3	249.0	252.7	248.6
-30°	206.5	207.5	205.6	204.8	205.6	207.5	206.5	208.7	207.1	209.1	209.1
-32.5°	174.3	174.6	173.1	171.3	173.1	174.6	174.3	175.7	175.4	175.7	177.9
-35°	150.9	150.4	149.0	148.3	149.0	150.4	150.9	151.7	152.4	151.3	154.1
-37.5°	134.1	133.5	132.5	132.3	132.5	133.5	134.1	134.4	135.3	134.7	135.8
-40°	121.0	120.3	119.5	119.8	119.5	120.3	121.0	121.1	121.8	121.3	121.3
-42.5°	110.7	110.2	109.6	109.3	109.6	110.2	110.7	110.7	111.1	111.0	110.3
-45°	102.6	102.4	102.0	101.7	102.0	102.4	102.6	102.5	102.7	102.5	101.7
-47.5°	95.7	95.4	95.3	95.4	95.3	95.4	95.7	95.6	95.4	95.1	94.4
-50°	89.7	89.7	89.7	89.8	89.7	89.7	89.7	89.5	89.4	89.2	88.6
-52.5°	84.8	84.8	84.7	84.3	84.7	84.8	84.8	84.6	84.2	83.7	82.9
-55°	79.7	79.9	79.8	79.4	79.8	79.9	79.7	79.4	79.0	78.5	77.7
-57.5°	74.8	75.0	75.1	75.2	75.1	75.0	74.8	74.5	74.0	73.2	72.3
-60°	69.7	70.0	69.9	69.6	69.9	70.0	69.7	69.3	68.8	68.1	67.2
-62.5°	64.4	64.6	64.4	64.1	64.4	64.6	64.4	64.1	63.7	62.9	61.9
-65°	58.2	58.3	58.4	58.5	58.4	58.3	58.2	57.9	57.5	56.9	56.1
-67.5°	51.9	52.0	52.1	52.2	52.1	52.0	51.9	51.6	51.2	50.7	49.9
-70°	45.0	45.1	45.2	45.3	45.2	45.1	45.0	44.8	44.5	44.0	43.3
-72.5°	38.1	38.1	38.2	38.3	38.2	38.1	38.1	37.9	37.7	37.3	36.7
-75°	31.1	31.2	30.9	30.6	30.9	31.2	31.1	31.0	30.9	30.6	30.3
-77.5°	24.3	24.3	24.0	23.7	24.0	24.3	24.3	24.2	24.1	23.9	23.7
-80°	17.4	17.3	17.4	17.4	17.4	17.3	17.4	17.4	17.4	17.4	17.4
-82.5°	12.3	12.4	12.1	11.8	12.1	12.4	12.3	12.2	12.1	12.0	12.1
-85°	6.4	6.3	6.3	6.3	6.3	6.3	6.4	6.5	6.6	6.7	6.8
-87.5°	2.3	2.1	2.1	2.1	2.1	2.1	2.3	2.4	2.6	2.7	2.7
-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: P561374 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-AMB-U-NAT-BK

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	2.5	2.6	2.7	2.8	2.9	2.9	3.0	3.0	3.0
85°	6.8	6.8	6.8	6.8	6.7	6.7	6.6	6.6	6.5	6.4	6.2
82.5°	12.2	12.2	12.2	11.9	11.5	11.2	10.9	10.7	10.5	10.2	9.9
80°	17.5	17.5	17.4	17.2	16.8	16.4	15.9	15.5	15.1	14.7	14.3
77.5°	23.5	23.2	22.9	22.6	22.3	21.9	21.5	21.0	20.4	19.8	19.2
75°	29.8	29.4	28.8	28.3	27.8	27.3	26.7	26.2	25.6	24.8	24.3
72.5°	36.1	35.5	34.9	34.2	33.4	32.5	32.0	31.5	30.9	30.0	29.5
70°	42.5	41.6	40.8	40.0	39.2	38.2	37.6	37.1	36.3	35.5	35.2
67.5°	49.0	47.9	47.0	46.2	45.2	44.1	43.5	42.9	42.1	41.1	41.0
65°	55.2	54.1	53.1	52.0	50.8	49.6	49.4	48.7	47.8	46.9	47.0
62.5°	60.9	59.8	58.9	57.8	56.4	55.2	54.9	54.4	53.6	53.0	53.1
60°	66.1	64.9	64.2	63.2	62.1	61.4	61.0	60.3	59.4	59.4	59.6
57.5°	71.1	70.2	69.6	68.7	67.4	67.3	67.1	66.4	65.4	66.2	66.4
55°	76.8	76.0	75.3	74.4	73.4	73.7	73.5	72.8	72.4	73.2	73.5
52.5°	81.9	81.6	81.0	80.0	79.7	80.4	80.3	79.6	80.2	81.1	81.1
50°	87.8	87.7	87.1	86.0	86.7	87.4	87.5	86.8	88.3	89.2	89.2
47.5°	94.3	94.5	93.9	93.0	94.5	95.1	95.2	95.8	97.2	97.6	97.5
45°	102.1	102.3	101.8	102.2	103.4	104.0	103.6	105.7	106.9	107.0	106.0
42.5°	111.3	111.4	110.9	112.7	113.6	113.9	114.7	116.8	117.5	117.0	117.9
40°	122.4	122.0	122.7	124.6	125.4	124.8	128.0	129.3	129.5	128.2	132.2
37.5°	136.3	135.3	137.8	139.3	139.3	140.6	143.4	144.0	142.7	146.1	149.3
35°	154.0	154.1	156.6	157.3	156.4	160.9	162.0	160.9	161.4	167.0	168.8
32.5°	176.0	179.5	180.7	179.5	182.2	184.9	184.5	181.0	188.5	191.9	191.0
30°	208.5	211.1	210.5	210.8	214.4	213.3	210.1	217.1	221.2	220.2	215.8
27.5°	252.4	249.9	247.8	253.3	252.6	247.8	253.2	259.2	258.3	253.2	248.5
25°	309.2	302.2	305.6	306.1	298.8	302.3	309.1	308.9	301.8	295.4	317.3
22.5°	380.4	382.7	381.7	369.9	371.7	379.0	375.8	364.9	362.8	388.2	397.3
20°	486.3	484.8	473.2	473.1	475.2	466.5	451.3	461.1	486.2	493.6	486.5
17.5°	628.0	610.1	610.6	609.7	594.8	569.9	601.7	621.9	623.1	608.8	583.5
15°	787.0	799.9	792.2	766.5	763.5	796.1	807.0	798.1	773.1	734.7	691.0
12.5°	1049.3	1033.4	995.8	1037.8	1057.9	1054.5	1031.2	990.3	935.9	875.6	811.9
10°	1354.8	1376.6	1396.0	1395.4	1373.1	1329.6	1262.2	1187.2	1106.9	1022.6	935.9
7.5°	1848.6	1838.8	1811.8	1749.6	1667.8	1579.5	1484.8	1384.6	1279.4	1170.9	1061.2
5°	2322.5	2233.4	2140.0	2042.0	1936.3	1825.1	1705.9	1580.9	1450.7	1318.0	1184.8
2.5°	2664.3	2558.7	2446.8	2317.6	2163.2	2005.9	1842.9	1679.7	1516.2	1353.0	1197.0
0°	2808.1	2673.6	2524.6	2359.5	2190.3	2022.5	1853.9	1690.3	1526.6	1360.2	1202.8
-2.5°	2664.3	2558.7	2446.8	2317.6	2163.2	2005.9	1842.9	1679.7	1516.2	1353.0	1197.0
-5°	2322.5	2233.4	2140.0	2042.0	1936.3	1825.1	1705.9	1580.9	1450.7	1318.0	1184.8
-7.5°	1848.6	1838.8	1811.8	1749.6	1667.8	1579.5	1484.8	1384.6	1279.4	1170.9	1061.2
-10°	1354.8	1376.6	1396.0	1395.4	1373.1	1329.6	1262.2	1187.2	1106.9	1022.6	935.9
-12.5°	1049.3	1033.4	995.8	1037.8	1057.9	1054.5	1031.2	990.3	935.9	875.6	811.9
-15°	787.0	799.9	792.2	766.5	763.5	796.1	807.0	798.1	773.1	734.7	691.0
-17.5°	628.0	610.1	610.6	609.7	594.8	569.9	601.7	621.9	623.1	608.8	583.5
-20°	486.3	484.8	473.2	473.1	475.2	466.5	451.3	461.1	486.2	493.6	486.5



REPORT NUMBER: P561374 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-AMB-U-NAT-BK

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	380.4	382.7	381.7	369.9	371.7	379.0	375.8	364.9	362.8	388.2	397.3
-25°	309.2	302.2	305.6	306.1	298.8	302.3	309.1	308.9	301.8	295.4	317.3
-27.5°	252.4	249.9	247.8	253.3	252.6	247.8	253.2	259.2	258.3	253.2	248.5
-30°	208.5	211.1	210.5	210.8	214.4	213.3	210.1	217.1	221.2	220.2	215.8
-32.5°	176.0	179.5	180.7	179.5	182.2	184.9	184.5	181.0	188.5	191.9	191.0
-35°	154.0	154.1	156.6	157.3	156.4	160.9	162.0	160.9	161.4	167.0	168.8
-37.5°	136.3	135.3	137.8	139.3	139.3	140.6	143.4	144.0	142.7	146.1	149.3
-40°	122.4	122.0	122.7	124.6	125.4	124.8	128.0	129.3	129.5	128.2	132.2
-42.5°	111.3	111.4	110.9	112.7	113.6	113.9	114.7	116.8	117.5	117.0	117.9
-45°	102.1	102.3	101.8	102.2	103.4	104.0	103.6	105.7	106.9	107.0	106.0
-47.5°	94.3	94.5	93.9	93.0	94.5	95.1	95.2	95.8	97.2	97.6	97.5
-50°	87.8	87.7	87.1	86.0	86.7	87.4	87.5	86.8	88.3	89.2	89.2
-52.5°	81.9	81.6	81.0	80.0	79.7	80.4	80.3	79.6	80.2	81.1	81.1
-55°	76.8	76.0	75.3	74.4	73.4	73.7	73.5	72.8	72.4	73.2	73.5
-57.5°	71.1	70.2	69.6	68.7	67.4	67.3	67.1	66.4	65.4	66.2	66.4
-60°	66.1	64.9	64.2	63.2	62.1	61.4	61.0	60.3	59.4	59.4	59.6
-62.5°	60.9	59.8	58.9	57.8	56.4	55.2	54.9	54.4	53.6	53.0	53.1
-65°	55.2	54.1	53.1	52.0	50.8	49.6	49.4	48.7	47.8	46.9	47.0
-67.5°	49.0	47.9	47.0	46.2	45.2	44.1	43.5	42.9	42.1	41.1	41.0
-70°	42.5	41.6	40.8	40.0	39.2	38.2	37.6	37.1	36.3	35.5	35.2
-72.5°	36.1	35.5	34.9	34.2	33.4	32.5	32.0	31.5	30.9	30.0	29.5
-75°	29.8	29.4	28.8	28.3	27.8	27.3	26.7	26.2	25.6	24.8	24.3
-77.5°	23.5	23.2	22.9	22.6	22.3	21.9	21.5	21.0	20.4	19.8	19.2
-80°	17.5	17.5	17.4	17.2	16.8	16.4	15.9	15.5	15.1	14.7	14.3
-82.5°	12.2	12.2	12.2	11.9	11.5	11.2	10.9	10.7	10.5	10.2	9.9
-85°	6.8	6.8	6.8	6.8	6.7	6.7	6.6	6.6	6.5	6.4	6.2
-87.5°	2.6	2.6	2.5	2.6	2.7	2.8	2.9	2.9	3.0	3.0	3.0
-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: P561374 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-AMB-U-NAT-BK

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°	2.8	2.7	2.6	2.4	2.4	2.3	2.2	2.1	1.9	1.8	1.6
85°	6.0	5.8	5.5	5.1	4.9	4.6	4.4	4.1	3.9	3.6	3.3
82.5°	9.6	9.4	9.1	8.7	8.4	8.0	7.5	6.9	6.2	5.5	4.9
80°	14.1	13.8	13.3	12.7	12.2	11.5	10.9	10.1	9.3	8.3	7.2
77.5°	18.9	18.4	17.8	17.2	16.5	15.7	14.7	13.5	12.3	11.1	9.7
75°	24.0	23.5	22.8	22.0	21.0	19.9	18.8	17.4	15.8	14.0	12.3
72.5°	29.3	28.7	27.9	26.9	25.8	24.5	22.9	21.3	19.5	17.5	15.1
70°	34.9	34.2	33.3	32.3	30.9	29.1	27.3	25.5	23.3	20.9	18.2
67.5°	40.8	40.2	39.1	37.9	36.4	34.4	31.8	29.8	27.4	24.4	21.4
65°	46.7	46.1	45.1	43.8	42.0	39.8	37.1	34.4	31.6	28.3	24.5
62.5°	52.7	51.9	51.0	49.8	47.9	45.4	42.5	39.6	36.0	32.3	28.0
60°	59.1	58.1	57.1	55.9	53.8	51.1	48.2	45.0	41.0	36.3	31.7
57.5°	65.9	64.6	63.9	62.3	60.0	56.9	54.1	50.6	46.1	40.9	35.4
55°	72.9	71.9	71.1	69.3	66.5	63.0	60.4	56.5	51.3	45.5	39.1
52.5°	80.3	79.9	79.0	76.8	73.6	69.9	67.5	62.6	57.0	50.2	43.4
50°	88.2	88.5	87.4	84.9	80.9	78.4	75.0	69.7	62.9	55.1	47.7
47.5°	97.8	97.9	96.4	93.4	89.0	87.6	83.7	77.2	68.8	60.5	52.0
45°	108.2	108.2	106.1	102.5	99.8	98.2	93.2	85.0	76.0	66.2	56.4
42.5°	119.7	119.4	116.7	112.0	112.8	109.9	103.4	94.2	83.3	72.0	61.1
40°	133.3	131.6	128.0	126.9	127.5	122.5	114.8	104.0	90.9	78.2	66.2
37.5°	148.3	145.4	140.4	145.8	144.2	137.5	127.0	114.2	99.5	85.3	71.3
35°	166.4	160.9	164.6	167.8	163.6	153.6	139.8	125.1	109.2	92.6	76.3
32.5°	186.5	186.7	194.2	193.1	184.9	171.0	154.3	137.5	119.1	99.9	81.3
30°	214.6	226.7	228.1	221.0	208.5	191.0	170.9	150.7	129.1	107.3	86.6
27.5°	266.5	271.7	266.2	253.3	234.9	212.4	189.2	164.4	139.3	115.1	92.6
25°	325.9	322.8	309.5	288.9	263.1	237.3	208.4	178.8	150.4	123.5	98.5
22.5°	393.4	379.3	356.2	326.9	296.0	263.3	229.0	194.9	162.0	131.8	104.3
20°	467.0	440.4	406.8	371.5	332.0	291.8	251.0	211.3	173.8	139.9	110.0
17.5°	546.6	510.0	467.2	419.8	370.1	321.1	273.2	227.7	185.5	147.8	115.5
15°	641.7	588.7	530.9	469.8	409.0	350.8	295.6	243.9	197.0	155.4	119.8
12.5°	742.6	670.1	596.5	520.8	448.2	380.5	317.8	260.0	208.3	160.8	122.4
10°	845.8	753.0	663.1	572.2	487.3	409.9	339.5	272.4	213.9	164.1	124.6
7.5°	949.6	836.2	729.5	623.1	521.2	428.7	347.9	277.5	217.9	166.8	126.4
5°	1035.5	891.5	761.4	638.5	530.0	435.2	352.9	281.4	220.9	169.0	127.7
2.5°	1046.1	902.2	769.0	645.5	536.2	439.8	356.3	284.1	223.1	170.5	128.5
0°	1050.9	908.2	772.4	649.1	539.7	442.2	358.0	285.5	224.3	171.3	128.8
-2.5°	1046.1	902.2	769.0	645.5	536.2	439.8	356.3	284.1	223.1	170.5	128.5
-5°	1035.5	891.5	761.4	638.5	530.0	435.2	352.9	281.4	220.9	169.0	127.7
-7.5°	949.6	836.2	729.5	623.1	521.2	428.7	347.9	277.5	217.9	166.8	126.4
-10°	845.8	753.0	663.1	572.2	487.3	409.9	339.5	272.4	213.9	164.1	124.6
-12.5°	742.6	670.1	596.5	520.8	448.2	380.5	317.8	260.0	208.3	160.8	122.4
-15°	641.7	588.7	530.9	469.8	409.0	350.8	295.6	243.9	197.0	155.4	119.8
-17.5°	546.6	510.0	467.2	419.8	370.1	321.1	273.2	227.7	185.5	147.8	115.5
-20°	467.0	440.4	406.8	371.5	332.0	291.8	251.0	211.3	173.8	139.9	110.0



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	393.4	379.3	356.2	326.9	296.0	263.3	229.0	194.9	162.0	131.8	104.3
-25°	325.9	322.8	309.5	288.9	263.1	237.3	208.4	178.8	150.4	123.5	98.5
-27.5°	266.5	271.7	266.2	253.3	234.9	212.4	189.2	164.4	139.3	115.1	92.6
-30°	214.6	226.7	228.1	221.0	208.5	191.0	170.9	150.7	129.1	107.3	86.6
-32.5°	186.5	186.7	194.2	193.1	184.9	171.0	154.3	137.5	119.1	99.9	81.3
-35°	166.4	160.9	164.6	167.8	163.6	153.6	139.8	125.1	109.2	92.6	76.3
-37.5°	148.3	145.4	140.4	145.8	144.2	137.5	127.0	114.2	99.5	85.3	71.3
-40°	133.3	131.6	128.0	126.9	127.5	122.5	114.8	104.0	90.9	78.2	66.2
-42.5°	119.7	119.4	116.7	112.0	112.8	109.9	103.4	94.2	83.3	72.0	61.1
-45°	108.2	108.2	106.1	102.5	99.8	98.2	93.2	85.0	76.0	66.2	56.4
-47.5°	97.8	97.9	96.4	93.4	89.0	87.6	83.7	77.2	68.8	60.5	52.0
-50°	88.2	88.5	87.4	84.9	80.9	78.4	75.0	69.7	62.9	55.1	47.7
-52.5°	80.3	79.9	79.0	76.8	73.6	69.9	67.5	62.6	57.0	50.2	43.4
-55°	72.9	71.9	71.1	69.3	66.5	63.0	60.4	56.5	51.3	45.5	39.1
-57.5°	65.9	64.6	63.9	62.3	60.0	56.9	54.1	50.6	46.1	40.9	35.4
-60°	59.1	58.1	57.1	55.9	53.8	51.1	48.2	45.0	41.0	36.3	31.7
-62.5°	52.7	51.9	51.0	49.8	47.9	45.4	42.5	39.6	36.0	32.3	28.0
-65°	46.7	46.1	45.1	43.8	42.0	39.8	37.1	34.4	31.6	28.3	24.5
-67.5°	40.8	40.2	39.1	37.9	36.4	34.4	31.8	29.8	27.4	24.4	21.4
-70°	34.9	34.2	33.3	32.3	30.9	29.1	27.3	25.5	23.3	20.9	18.2
-72.5°	29.3	28.7	27.9	26.9	25.8	24.5	22.9	21.3	19.5	17.5	15.1
-75°	24.0	23.5	22.8	22.0	21.0	19.9	18.8	17.4	15.8	14.0	12.3
-77.5°	18.9	18.4	17.8	17.2	16.5	15.7	14.7	13.5	12.3	11.1	9.7
-80°	14.1	13.8	13.3	12.7	12.2	11.5	10.9	10.1	9.3	8.3	7.2
-82.5°	9.6	9.4	9.1	8.7	8.4	8.0	7.5	6.9	6.2	5.5	4.9
-85°	6.0	5.8	5.5	5.1	4.9	4.6	4.4	4.1	3.9	3.6	3.3
-87.5°	2.8	2.7	2.6	2.4	2.4	2.3	2.2	2.1	1.9	1.8	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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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°	1.4	1.2	1.0	0.8	0.5	0.3	0.0
85°	2.9	2.5	2.1	1.6	1.1	0.5	0.0
82.5°	4.3	3.7	3.1	2.4	1.6	0.8	0.0
80°	5.9	5.0	4.1	3.2	2.2	1.1	0.0
77.5°	8.2	6.5	5.1	4.0	2.7	1.4	0.0
75°	10.5	8.6	6.3	4.8	3.3	1.6	0.0
72.5°	12.9	10.7	8.1	5.5	3.8	1.9	0.0
70°	15.3	12.7	9.8	6.4	4.3	2.2	0.0
67.5°	18.1	14.8	11.6	7.8	4.8	2.4	0.0
65°	21.0	17.1	13.3	9.2	5.3	2.7	0.0
62.5°	23.8	19.6	15.0	10.5	5.8	2.9	0.0
60°	26.7	22.0	16.7	11.8	6.3	3.1	0.0
57.5°	30.0	24.5	18.7	13.2	7.2	3.4	0.0
55°	33.3	26.9	20.7	14.5	8.0	3.6	0.0
52.5°	36.6	29.3	22.7	15.7	8.9	3.8	0.0
50°	39.9	32.1	24.6	17.0	9.7	4.0	0.0
47.5°	43.2	34.9	26.5	18.2	10.5	4.3	0.0
45°	47.0	37.6	28.3	19.6	11.3	4.5	0.0
42.5°	50.7	40.3	30.1	21.0	12.0	4.6	0.0
40°	54.4	42.9	32.0	22.2	12.7	4.8	0.0
37.5°	58.0	45.5	34.0	23.4	13.4	5.0	0.0
35°	61.5	48.2	36.0	24.5	14.0	5.2	0.0
32.5°	65.2	51.0	37.9	25.5	14.6	5.3	0.0
30°	69.3	53.8	39.7	26.5	15.2	5.5	0.0
27.5°	73.2	56.4	41.1	27.3	15.7	5.6	0.0
25°	77.0	58.9	42.4	28.1	16.2	5.7	0.0
22.5°	80.7	61.2	43.6	28.9	16.7	5.8	0.0
20°	84.3	62.8	44.7	29.5	17.1	5.9	0.0
17.5°	87.0	64.3	45.7	30.1	17.4	6.0	0.0
15°	89.0	65.6	46.5	30.6	17.8	6.1	0.0
12.5°	90.8	66.8	47.2	31.0	18.1	6.2	0.0
10°	92.3	67.7	47.8	31.4	18.3	6.2	0.0
7.5°	93.5	68.5	48.2	31.7	18.5	6.2	0.0
5°	94.4	69.0	48.5	31.8	18.6	6.3	0.0
2.5°	95.1	69.4	48.7	32.0	18.7	6.3	0.0
0°	95.4	69.6	48.8	32.0	18.8	6.3	0.0
-2.5°	95.1	69.4	48.7	32.0	18.7	6.3	0.0
-5°	94.4	69.0	48.5	31.8	18.6	6.3	0.0
-7.5°	93.5	68.5	48.2	31.7	18.5	6.2	0.0
-10°	92.3	67.7	47.8	31.4	18.3	6.2	0.0
-12.5°	90.8	66.8	47.2	31.0	18.1	6.2	0.0
-15°	89.0	65.6	46.5	30.6	17.8	6.1	0.0
-17.5°	87.0	64.3	45.7	30.1	17.4	6.0	0.0
-20°	84.3	62.8	44.7	29.5	17.1	5.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	80.7	61.2	43.6	28.9	16.7	5.8	0.0
-25°	77.0	58.9	42.4	28.1	16.2	5.7	0.0
-27.5°	73.2	56.4	41.1	27.3	15.7	5.6	0.0
-30°	69.3	53.8	39.7	26.5	15.2	5.5	0.0
-32.5°	65.2	51.0	37.9	25.5	14.6	5.3	0.0
-35°	61.5	48.2	36.0	24.5	14.0	5.2	0.0
-37.5°	58.0	45.5	34.0	23.4	13.4	5.0	0.0
-40°	54.4	42.9	32.0	22.2	12.7	4.8	0.0
-42.5°	50.7	40.3	30.1	21.0	12.0	4.6	0.0
-45°	47.0	37.6	28.3	19.6	11.3	4.5	0.0
-47.5°	43.2	34.9	26.5	18.2	10.5	4.3	0.0
-50°	39.9	32.1	24.6	17.0	9.7	4.0	0.0
-52.5°	36.6	29.3	22.7	15.7	8.9	3.8	0.0
-55°	33.3	26.9	20.7	14.5	8.0	3.6	0.0
-57.5°	30.0	24.5	18.7	13.2	7.2	3.4	0.0
-60°	26.7	22.0	16.7	11.8	6.3	3.1	0.0
-62.5°	23.8	19.6	15.0	10.5	5.8	2.9	0.0
-65°	21.0	17.1	13.3	9.2	5.3	2.7	0.0
-67.5°	18.1	14.8	11.6	7.8	4.8	2.4	0.0
-70°	15.3	12.7	9.8	6.4	4.3	2.2	0.0
-72.5°	12.9	10.7	8.1	5.5	3.8	1.9	0.0
-75°	10.5	8.6	6.3	4.8	3.3	1.6	0.0
-77.5°	8.2	6.5	5.1	4.0	2.7	1.4	0.0
-80°	5.9	5.0	4.1	3.2	2.2	1.1	0.0
-82.5°	4.3	3.7	3.1	2.4	1.6	0.8	0.0
-85°	2.9	2.5	2.1	1.6	1.1	0.5	0.0
-87.5°	1.4	1.2	1.0	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)