

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: P559013 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-930-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559013 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA5B-930-U-MWR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (80) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

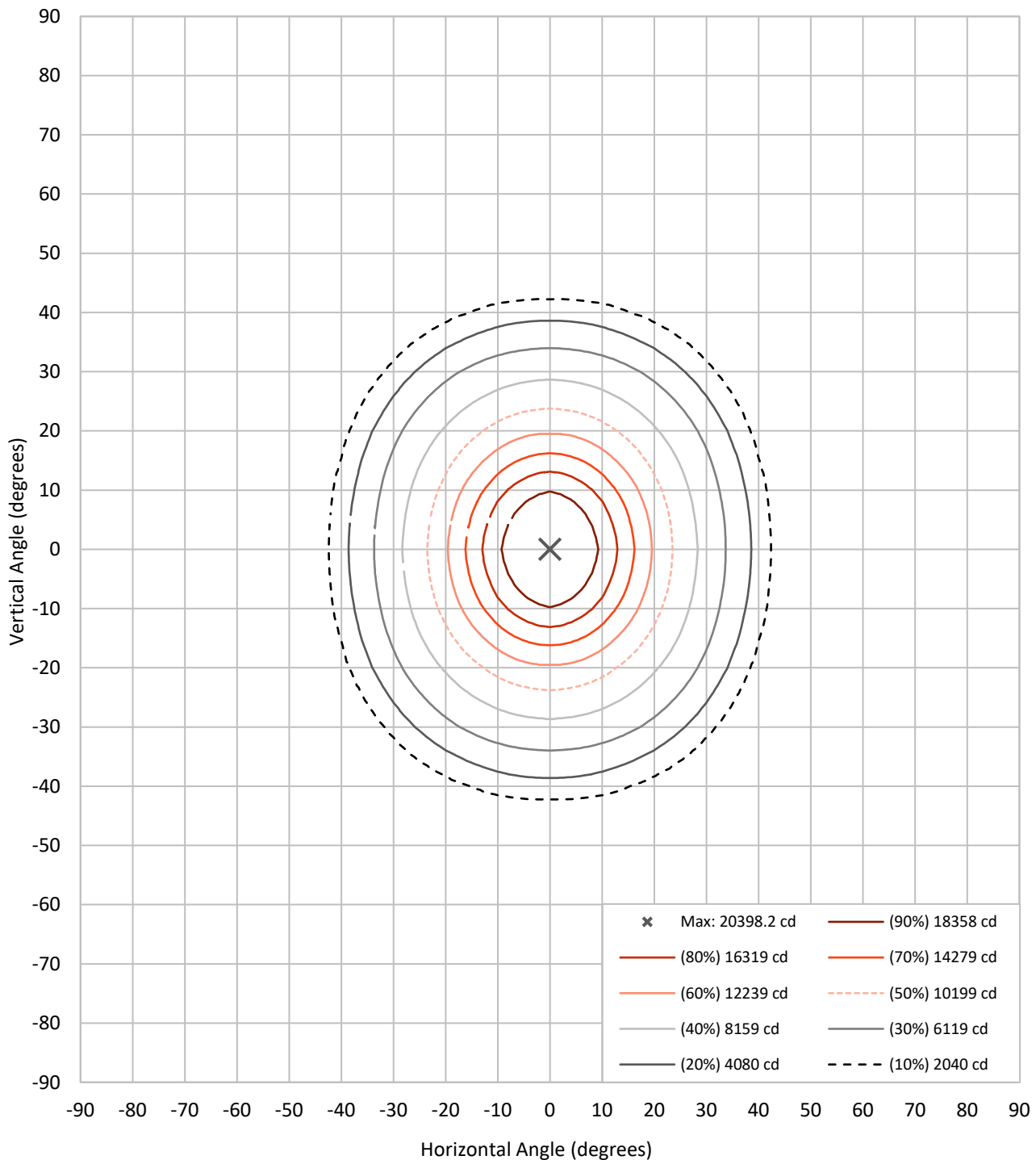
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	15878.9 lumens	Max Intensity:	20398.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	103.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	7492.7 lumens	Field Lumens:	14418 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 154
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





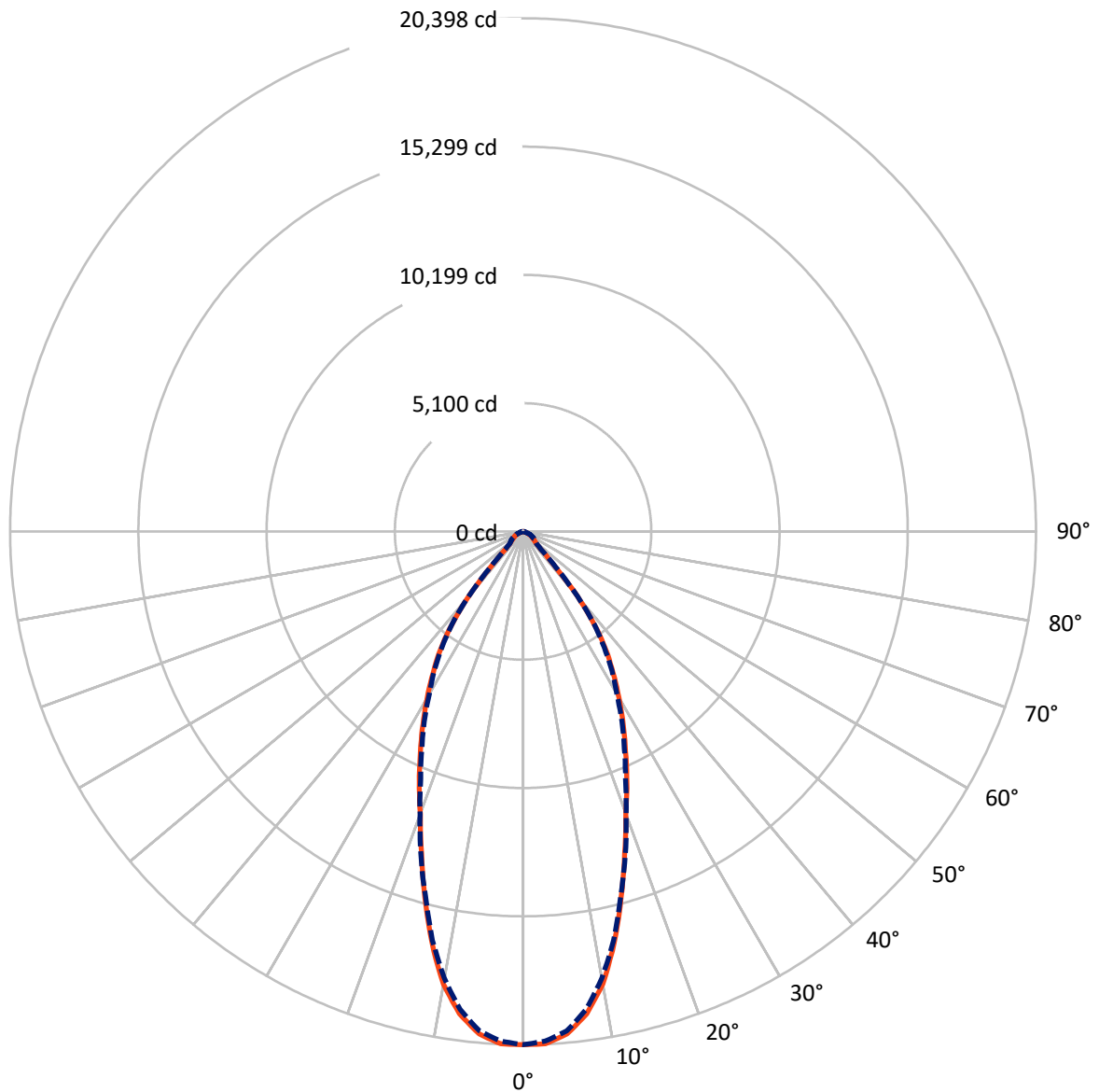
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Lumen Table

90																
80	0.3	1.9		4.4		7.2		5.6		7.2		4.4		1.9		0.3
70																
60	1.1	1.3	2.3	3.6	5.1	6.3	7.3	7.9	7.9	7.3	6.3	5.1	3.6	2.3	1.3	1.1
50		1.9	3.8	6.4	9.1	11.4	13.0	14.4	14.4	13.0	11.4	9.1	6.4	3.8	1.9	
40	1.7	2.5	5.3	8.9	13.0	17.8	28.2	39.5	39.5	28.2	17.8	13.0	8.9	5.3	2.5	1.7
30		3.1	6.6	11.1	20.9	66.9	130.3	166.0	166.0	130.3	66.9	20.9	11.1	6.6	3.1	
20	1.9	3.6	7.8	14.0	61.2	159.9	235.9	285.6	285.6	235.9	159.9	61.2	14.0	7.8	3.6	1.9
10		4.0	8.6	21.4	111.3	220.6	335.2	436.4	436.4	335.2	220.6	111.3	21.4	8.6	4.0	
0	1.9	4.3	9.3	29.5	135.5	257.5	421.7	570.3	570.3	421.7	257.5	135.5	29.5	9.3	4.3	1.9
-10		4.3	9.3	29.5	135.5	257.5	421.7	570.3	570.3	421.7	257.5	135.5	29.5	9.3	4.3	
-20	1.9	4.0	8.6	21.4	111.3	220.6	335.2	436.4	436.4	335.2	220.6	111.3	21.4	8.6	4.0	1.9
-30		3.6	7.8	14.0	61.2	159.9	235.9	285.6	285.6	235.9	159.9	61.2	14.0	7.8	3.6	
-40	1.7	3.1	6.6	11.1	20.9	66.9	130.3	166.0	166.0	130.3	66.9	20.9	11.1	6.6	3.1	1.7
-50		2.5	5.3	8.9	13.0	17.8	28.2	39.5	39.5	28.2	17.8	13.0	8.9	5.3	2.5	
-60	1.1	1.9	3.8	6.4	9.1	11.4	13.0	14.4	14.4	13.0	11.4	9.1	6.4	3.8	1.9	1.1
-70		1.3	2.3	3.6	5.1	6.3	7.3	7.9	7.9	7.3	6.3	5.1	3.6	2.3	1.3	
-80																
-90	0.3	1.9		4.4		7.2		5.6		7.2		4.4		1.9		0.3

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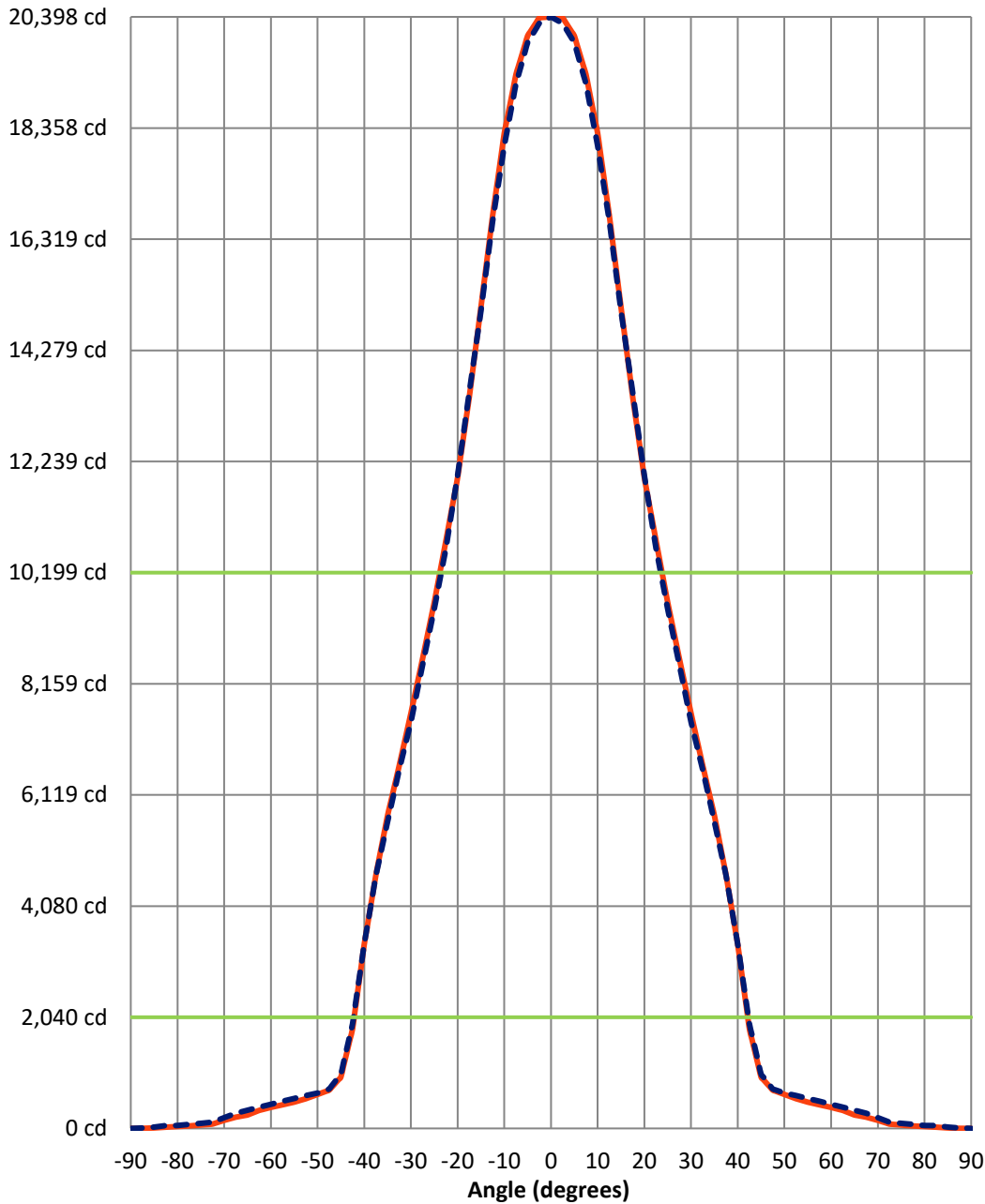
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 47°
V Angle: 47.6°
Lumens: 7492.7
Efficiency: 47.2%

Field:
H Angle: 84.6°
V Angle: 84.3°
Lumens: 14418
Efficiency: 90.8%

Spill:
Lumens: 1460.9
Efficiency: 9.2%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.3	0.7	1.1	1.6	2.2	2.8	3.1	3.4	3.7	3.9
85°	0.0	0.7	1.3	2.2	3.2	4.3	5.5	6.2	6.8	7.3	7.8
82.5°	0.0	1.0	2.0	3.3	4.8	6.4	8.3	9.3	10.5	12.6	14.1
80°	0.0	1.3	2.7	4.4	6.3	8.5	11.4	15.2	18.1	20.4	22.0
77.5°	0.0	1.7	3.3	5.4	7.9	11.6	17.9	22.4	25.8	28.3	30.6
75°	0.0	2.0	4.0	6.5	9.8	16.6	24.3	29.7	33.7	37.9	41.1
72.5°	0.0	2.3	4.6	7.5	13.4	21.5	30.6	37.5	43.4	48.2	51.8
70°	0.0	2.6	5.3	8.8	16.9	26.2	36.8	46.6	53.3	58.7	67.1
67.5°	0.0	2.9	5.9	11.2	20.3	30.8	44.1	55.7	63.1	71.8	82.9
65°	0.0	3.3	6.5	13.5	23.6	35.7	51.0	64.8	73.5	84.5	97.8
62.5°	0.0	3.6	7.1	15.7	26.8	40.9	57.7	73.0	83.4	96.7	111.6
60°	0.0	3.8	7.7	17.8	29.8	45.8	64.0	80.6	92.7	109.1	125.2
57.5°	0.0	4.1	9.0	19.9	33.3	50.4	68.3	87.2	103.2	121.2	137.1
55°	0.0	4.4	10.3	21.8	36.6	54.8	71.9	92.1	113.9	132.7	148.0
52.5°	0.0	4.7	11.6	23.7	39.7	58.6	75.0	98.7	124.3	142.4	158.8
50°	0.0	4.9	12.8	25.4	42.6	60.5	77.6	104.9	134.0	151.9	170.7
47.5°	0.0	5.2	14.0	27.1	45.3	62.0	80.0	110.3	142.2	161.2	182.3
45°	0.0	5.4	15.1	28.9	47.8	63.1	83.9	115.0	146.4	171.2	193.5
42.5°	0.0	5.7	16.1	30.6	50.0	63.8	87.1	118.2	149.7	180.8	204.9
40°	0.0	5.9	17.1	32.4	51.2	64.2	89.8	120.4	152.5	189.3	215.9
37.5°	0.0	6.1	18.1	34.2	51.3	64.2	91.9	121.9	155.7	193.4	226.5
35°	0.0	6.3	19.0	36.0	51.2	65.0	93.4	122.7	158.3	199.6	236.7
32.5°	0.0	6.5	19.8	37.7	50.9	66.0	94.1	122.9	160.4	207.2	245.9
30°	0.0	6.7	20.5	39.3	50.4	66.6	94.0	122.9	162.1	215.9	255.0
27.5°	0.0	6.8	21.2	40.9	51.0	66.8	93.5	123.8	165.2	225.8	264.0
25°	0.0	7.0	21.9	42.5	51.6	66.6	92.4	124.1	171.9	234.0	272.7
22.5°	0.0	7.1	22.4	43.9	52.0	66.7	91.0	123.9	178.8	240.8	283.5
20°	0.0	7.2	22.9	45.3	52.5	68.5	89.0	123.3	185.9	247.1	293.3
17.5°	0.0	7.3	23.4	46.5	52.8	70.0	89.2	122.1	192.8	253.0	302.0
15°	0.0	7.4	23.7	47.7	53.1	71.3	90.5	121.8	199.5	258.3	309.7
12.5°	0.0	7.5	24.0	48.8	53.3	72.4	91.6	122.3	204.1	263.1	316.2
10°	0.0	7.6	24.2	49.7	53.4	73.3	92.4	122.0	206.0	267.0	321.9
7.5°	0.0	7.6	24.4	50.5	53.5	74.1	93.0	121.0	206.2	270.9	326.6
5°	0.0	7.7	24.5	51.2	53.6	74.6	93.4	119.5	204.8	274.3	330.1
2.5°	0.0	7.7	24.5	51.7	53.6	74.9	93.5	117.4	201.9	277.1	332.5
0°	0.0	7.7	24.5	52.1	53.6	75.0	93.4	114.9	197.6	278.7	333.8
-2.5°	0.0	7.7	24.5	51.7	53.6	74.9	93.5	117.4	201.9	277.1	332.5
-5°	0.0	7.7	24.5	51.2	53.6	74.6	93.4	119.5	204.8	274.3	330.1
-7.5°	0.0	7.6	24.4	50.5	53.5	74.1	93.0	121.0	206.2	270.9	326.6
-10°	0.0	7.6	24.2	49.7	53.4	73.3	92.4	122.0	206.0	267.0	321.9
-12.5°	0.0	7.5	24.0	48.8	53.3	72.4	91.6	122.3	204.1	263.1	316.2
-15°	0.0	7.4	23.7	47.7	53.1	71.3	90.5	121.8	199.5	258.3	309.7
-17.5°	0.0	7.3	23.4	46.5	52.8	70.0	89.2	122.1	192.8	253.0	302.0
-20°	0.0	7.2	22.9	45.3	52.5	68.5	89.0	123.3	185.9	247.1	293.3



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	7.1	22.4	43.9	52.0	66.7	91.0	123.9	178.8	240.8	283.5
-25°	0.0	7.0	21.9	42.5	51.6	66.6	92.4	124.1	171.9	234.0	272.7
-27.5°	0.0	6.8	21.2	40.9	51.0	66.8	93.5	123.8	165.2	225.8	264.0
-30°	0.0	6.7	20.5	39.3	50.4	66.6	94.0	122.9	162.1	215.9	255.0
-32.5°	0.0	6.5	19.8	37.7	50.9	66.0	94.1	122.9	160.4	207.2	245.9
-35°	0.0	6.3	19.0	36.0	51.2	65.0	93.4	122.7	158.3	199.6	236.7
-37.5°	0.0	6.1	18.1	34.2	51.3	64.2	91.9	121.9	155.7	193.4	226.5
-40°	0.0	5.9	17.1	32.4	51.2	64.2	89.8	120.4	152.5	189.3	215.9
-42.5°	0.0	5.7	16.1	30.6	50.0	63.8	87.1	118.2	149.7	180.8	204.9
-45°	0.0	5.4	15.1	28.9	47.8	63.1	83.9	115.0	146.4	171.2	193.5
-47.5°	0.0	5.2	14.0	27.1	45.3	62.0	80.0	110.3	142.2	161.2	182.3
-50°	0.0	4.9	12.8	25.4	42.6	60.5	77.6	104.9	134.0	151.9	170.7
-52.5°	0.0	4.7	11.6	23.7	39.7	58.6	75.0	98.7	124.3	142.4	158.8
-55°	0.0	4.4	10.3	21.8	36.6	54.8	71.9	92.1	113.9	132.7	148.0
-57.5°	0.0	4.1	9.0	19.9	33.3	50.4	68.3	87.2	103.2	121.2	137.1
-60°	0.0	3.8	7.7	17.8	29.8	45.8	64.0	80.6	92.7	109.1	125.2
-62.5°	0.0	3.6	7.1	15.7	26.8	40.9	57.7	73.0	83.4	96.7	111.6
-65°	0.0	3.3	6.5	13.5	23.6	35.7	51.0	64.8	73.5	84.5	97.8
-67.5°	0.0	2.9	5.9	11.2	20.3	30.8	44.1	55.7	63.1	71.8	82.9
-70°	0.0	2.6	5.3	8.8	16.9	26.2	36.8	46.6	53.3	58.7	67.1
-72.5°	0.0	2.3	4.6	7.5	13.4	21.5	30.6	37.5	43.4	48.2	51.8
-75°	0.0	2.0	4.0	6.5	9.8	16.6	24.3	29.7	33.7	37.9	41.1
-77.5°	0.0	1.7	3.3	5.4	7.9	11.6	17.9	22.4	25.8	28.3	30.6
-80°	0.0	1.3	2.7	4.4	6.3	8.5	11.4	15.2	18.1	20.4	22.0
-82.5°	0.0	1.0	2.0	3.3	4.8	6.4	8.3	9.3	10.5	12.6	14.1
-85°	0.0	0.7	1.3	2.2	3.2	4.3	5.5	6.2	6.8	7.3	7.8
-87.5°	0.0	0.3	0.7	1.1	1.6	2.2	2.8	3.1	3.4	3.7	3.9
-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°	3.9	3.8	3.7	3.5	3.3	3.0	2.6	2.2	2.3	2.4	2.5
85°	7.8	7.7	8.3	8.8	9.0	9.0	8.7	8.2	9.4	10.8	12.2
82.5°	15.5	16.9	18.1	19.4	19.4	19.0	18.3	17.6	20.2	23.5	27.1
80°	24.0	26.0	29.0	32.1	32.9	32.6	31.6	29.9	33.6	39.1	45.2
77.5°	34.3	38.4	42.6	46.8	47.9	47.0	45.0	41.9	46.6	55.4	65.1
75°	45.5	50.8	57.4	62.6	63.8	61.9	58.9	56.1	61.9	72.8	83.3
72.5°	59.5	68.0	74.6	79.2	79.6	77.9	76.4	75.0	81.3	94.3	105.1
70°	77.2	85.8	91.0	93.8	94.4	95.5	99.8	103.9	110.3	121.4	130.2
67.5°	94.8	101.7	106.3	109.7	116.3	122.5	128.5	134.7	141.8	151.2	157.9
65°	110.5	117.5	123.6	131.6	141.2	148.8	156.8	165.5	175.3	184.2	190.6
62.5°	126.0	133.5	142.1	152.6	163.7	173.9	185.8	197.8	209.5	219.6	230.6
60°	138.7	148.8	160.3	172.9	186.4	201.8	216.0	230.0	242.8	255.3	270.8
57.5°	150.9	164.5	178.6	193.7	211.3	230.1	246.8	262.2	278.2	296.4	311.6
55°	163.6	180.8	196.9	215.2	236.1	258.9	277.2	294.4	314.2	336.0	353.0
52.5°	177.4	196.4	215.2	237.2	262.5	285.2	304.3	325.8	349.8	373.4	393.2
50°	190.7	211.7	233.5	261.4	286.6	308.2	331.9	357.9	383.0	407.3	430.6
47.5°	204.1	226.5	255.6	284.1	307.7	333.0	360.6	387.4	413.7	439.1	463.5
45°	217.3	243.8	276.1	303.2	329.4	358.5	387.1	415.1	442.8	469.8	496.4
42.5°	230.0	260.9	293.4	321.8	351.9	382.2	412.1	441.8	471.1	499.9	528.3
40°	243.9	276.4	310.6	341.6	373.0	404.7	436.2	467.5	498.4	528.9	559.1
37.5°	256.7	292.5	328.1	360.5	392.9	426.0	459.0	492.2	524.8	556.6	590.9
35°	268.1	308.7	344.7	378.7	412.6	446.2	481.2	516.0	550.3	584.9	628.7
32.5°	281.0	325.1	360.3	396.2	431.3	465.9	502.2	539.1	575.6	616.1	679.0
30°	295.5	338.8	375.2	412.9	448.9	485.3	522.8	561.3	599.7	662.6	807.8
27.5°	309.5	351.3	389.7	428.3	465.3	503.1	542.4	582.2	635.8	732.4	968.1
25°	322.6	363.4	403.2	442.3	480.5	519.7	560.3	601.8	674.5	869.6	1390.3
22.5°	333.6	375.1	416.5	455.1	494.3	534.8	577.0	632.0	744.3	1008.2	1860.1
20°	343.0	386.2	428.5	468.7	507.2	548.2	592.2	660.8	850.5	1403.6	2423.1
17.5°	351.7	396.2	439.6	481.5	522.0	562.2	607.3	685.7	946.1	1747.3	2989.2
15°	359.7	405.3	449.9	493.6	535.5	577.4	631.3	756.4	1139.4	2088.5	3493.4
12.5°	366.9	413.2	459.3	504.8	547.6	590.9	652.7	826.6	1376.2	2488.8	3837.6
10°	373.2	420.0	467.7	515.0	558.3	602.8	670.9	884.3	1570.9	2818.0	4114.2
7.5°	379.1	426.6	475.5	524.0	567.6	613.0	685.7	929.3	1721.2	3065.9	4334.9
5°	384.0	433.0	484.6	533.9	579.2	624.1	698.4	961.6	1826.8	3233.0	4495.6
2.5°	387.9	438.4	492.6	542.6	592.0	637.5	713.0	985.5	1895.0	3339.4	4598.4
0°	390.5	442.6	499.2	549.8	603.4	649.3	724.4	996.9	1920.4	3378.3	4637.1
-2.5°	387.9	438.4	492.6	542.6	592.0	637.5	713.0	985.5	1895.0	3339.4	4598.4
-5°	384.0	433.0	484.6	533.9	579.2	624.1	698.4	961.6	1826.8	3233.0	4495.6
-7.5°	379.1	426.6	475.5	524.0	567.6	613.0	685.7	929.3	1721.2	3065.9	4334.9
-10°	373.2	420.0	467.7	515.0	558.3	602.8	670.9	884.3	1570.9	2818.0	4114.2
-12.5°	366.9	413.2	459.3	504.8	547.6	590.9	652.7	826.6	1376.2	2488.8	3837.6
-15°	359.7	405.3	449.9	493.6	535.5	577.4	631.3	756.4	1139.4	2088.5	3493.4
-17.5°	351.7	396.2	439.6	481.5	522.0	562.2	607.3	685.7	946.1	1747.3	2989.2
-20°	343.0	386.2	428.5	468.7	507.2	548.2	592.2	660.8	850.5	1403.6	2423.1



REPORT NUMBER: P559013 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	333.6	375.1	416.5	455.1	494.3	534.8	577.0	632.0	744.3	1008.2	1860.1
-25°	322.6	363.4	403.2	442.3	480.5	519.7	560.3	601.8	674.5	869.6	1390.3
-27.5°	309.5	351.3	389.7	428.3	465.3	503.1	542.4	582.2	635.8	732.4	968.1
-30°	295.5	338.8	375.2	412.9	448.9	485.3	522.8	561.3	599.7	662.6	807.8
-32.5°	281.0	325.1	360.3	396.2	431.3	465.9	502.2	539.1	575.6	616.1	679.0
-35°	268.1	308.7	344.7	378.7	412.6	446.2	481.2	516.0	550.3	584.9	628.7
-37.5°	256.7	292.5	328.1	360.5	392.9	426.0	459.0	492.2	524.8	556.6	590.9
-40°	243.9	276.4	310.6	341.6	373.0	404.7	436.2	467.5	498.4	528.9	559.1
-42.5°	230.0	260.9	293.4	321.8	351.9	382.2	412.1	441.8	471.1	499.9	528.3
-45°	217.3	243.8	276.1	303.2	329.4	358.5	387.1	415.1	442.8	469.8	496.4
-47.5°	204.1	226.5	255.6	284.1	307.7	333.0	360.6	387.4	413.7	439.1	463.5
-50°	190.7	211.7	233.5	261.4	286.6	308.2	331.9	357.9	383.0	407.3	430.6
-52.5°	177.4	196.4	215.2	237.2	262.5	285.2	304.3	325.8	349.8	373.4	393.2
-55°	163.6	180.8	196.9	215.2	236.1	258.9	277.2	294.4	314.2	336.0	353.0
-57.5°	150.9	164.5	178.6	193.7	211.3	230.1	246.8	262.2	278.2	296.4	311.6
-60°	138.7	148.8	160.3	172.9	186.4	201.8	216.0	230.0	242.8	255.3	270.8
-62.5°	126.0	133.5	142.1	152.6	163.7	173.9	185.8	197.8	209.5	219.6	230.6
-65°	110.5	117.5	123.6	131.6	141.2	148.8	156.8	165.5	175.3	184.2	190.6
-67.5°	94.8	101.7	106.3	109.7	116.3	122.5	128.5	134.7	141.8	151.2	157.9
-70°	77.2	85.8	91.0	93.8	94.4	95.5	99.8	103.9	110.3	121.4	130.2
-72.5°	59.5	68.0	74.6	79.2	79.6	77.9	76.4	75.0	81.3	94.3	105.1
-75°	45.5	50.8	57.4	62.6	63.8	61.9	58.9	56.1	61.9	72.8	83.3
-77.5°	34.3	38.4	42.6	46.8	47.9	47.0	45.0	41.9	46.6	55.4	65.1
-80°	24.0	26.0	29.0	32.1	32.9	32.6	31.6	29.9	33.6	39.1	45.2
-82.5°	15.5	16.9	18.1	19.4	19.4	19.0	18.3	17.6	20.2	23.5	27.1
-85°	7.8	7.7	8.3	8.8	9.0	9.0	8.7	8.2	9.4	10.8	12.2
-87.5°	3.9	3.8	3.7	3.5	3.3	3.0	2.6	2.2	2.3	2.4	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



REPORT NUMBER: P559013 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3.0	3.0	2.6	2.3
85°	13.8	13.4	12.7	11.7	10.6	11.2	11.8	12.5	13.1	12.2	11.2
82.5°	30.9	31.3	31.3	31.2	31.1	32.4	33.7	34.8	35.8	33.1	29.9
80°	52.0	54.5	56.0	57.3	58.4	58.5	57.7	56.3	54.4	49.8	44.6
77.5°	75.2	79.1	81.0	83.0	85.0	85.7	86.2	86.7	87.3	79.2	68.8
75°	93.3	99.1	102.4	105.6	108.4	110.1	111.0	111.6	111.9	102.1	89.6
72.5°	113.8	119.5	123.5	127.4	131.0	133.3	134.7	135.7	136.4	127.9	115.9
70°	136.4	140.9	145.7	150.5	154.9	157.9	159.9	161.5	162.7	161.9	161.3
67.5°	163.1	167.1	173.0	177.5	182.2	185.5	188.9	191.6	193.7	195.9	198.5
65°	196.7	206.1	214.7	219.1	219.7	224.4	232.2	237.2	239.7	241.7	244.2
62.5°	243.3	254.8	260.9	268.2	277.7	286.5	289.8	294.4	299.7	306.3	313.8
60°	283.3	292.8	302.6	312.7	321.4	328.6	336.5	344.4	351.5	358.0	364.4
57.5°	324.1	334.5	344.5	356.4	364.7	369.5	377.2	386.6	393.9	399.5	408.1
55°	366.5	380.0	393.5	404.2	412.0	417.2	423.0	432.0	437.4	439.5	449.4
52.5°	409.1	425.0	441.8	454.3	462.6	470.3	477.4	485.4	490.8	493.4	503.1
50°	448.5	467.5	486.2	502.5	513.5	526.4	540.9	548.0	552.7	557.8	568.6
47.5°	486.0	507.2	527.2	545.7	561.6	576.0	588.5	600.6	618.3	632.4	646.3
45°	522.2	544.8	566.4	587.1	604.9	633.1	659.9	682.8	743.9	795.3	834.5
42.5°	556.2	583.4	607.8	642.3	679.9	745.0	845.5	938.7	1119.0	1351.1	1544.9
40°	591.6	626.9	670.6	737.8	864.9	995.6	1386.5	1734.7	2077.2	2466.8	2800.6
37.5°	632.9	686.1	814.1	966.0	1373.7	1824.6	2378.5	2922.2	3395.6	3800.6	4138.8
35°	687.7	852.1	1091.2	1644.6	2246.9	2986.3	3624.7	4135.9	4603.6	4978.9	5261.4
32.5°	849.0	1149.9	1781.6	2542.6	3371.1	4085.5	4707.2	5196.7	5623.4	5959.7	6221.6
30°	1085.2	1776.9	2634.8	3546.2	4371.5	5053.5	5627.9	6094.6	6475.4	6817.7	7105.0
27.5°	1646.7	2536.7	3545.0	4474.6	5225.2	5863.7	6379.1	6841.3	7261.2	7621.6	7961.4
25°	2261.0	3362.8	4379.8	5225.9	5926.4	6525.5	7069.0	7574.6	8044.7	8466.5	8861.7
22.5°	2998.8	4097.6	5069.6	5852.7	6531.5	7146.9	7724.2	8286.9	8834.1	9348.9	9827.0
20°	3666.8	4745.3	5592.8	6374.8	7080.1	7721.4	8357.6	9013.5	9644.9	10265.0	10840.8
17.5°	4187.3	5190.6	6041.5	6834.2	7552.0	8278.3	9006.5	9759.8	10521.4	11241.5	11930.2
15°	4622.0	5562.1	6424.4	7217.1	8006.3	8807.6	9621.1	10508.5	11414.5	12276.4	13154.3
12.5°	4930.2	5872.2	6746.4	7541.7	8426.6	9296.5	10243.4	11254.7	12301.0	13305.0	14383.3
10°	5177.9	6119.5	6986.4	7844.0	8780.4	9744.9	10807.0	11920.9	13169.5	14358.2	15520.0
7.5°	5390.4	6325.9	7179.2	8090.3	9074.8	10134.9	11290.0	12549.5	13900.6	15223.3	16606.3
5°	5545.9	6466.5	7329.0	8292.4	9301.1	10419.8	11662.6	13008.4	14457.3	15906.7	17274.4
2.5°	5628.2	6546.7	7422.1	8417.7	9433.9	10592.5	11886.8	13313.2	14843.7	16425.2	17773.6
0°	5626.4	6580.4	7457.9	8502.3	9531.4	10644.7	11983.2	13508.4	15001.6	16644.8	18029.1
-2.5°	5628.2	6546.7	7422.1	8417.7	9433.9	10592.5	11886.8	13313.2	14843.7	16425.2	17773.6
-5°	5545.9	6466.5	7329.0	8292.4	9301.1	10419.8	11662.6	13008.4	14457.3	15906.7	17274.4
-7.5°	5390.4	6325.9	7179.2	8090.3	9074.8	10134.9	11290.0	12549.5	13900.6	15223.3	16606.3
-10°	5177.9	6119.5	6986.4	7844.0	8780.4	9744.9	10807.0	11920.9	13169.5	14358.2	15520.0
-12.5°	4930.2	5872.2	6746.4	7541.7	8426.6	9296.5	10243.4	11254.7	12301.0	13305.0	14383.3
-15°	4622.0	5562.1	6424.4	7217.1	8006.3	8807.6	9621.1	10508.5	11414.5	12276.4	13154.3
-17.5°	4187.3	5190.6	6041.5	6834.2	7552.0	8278.3	9006.5	9759.8	10521.4	11241.5	11930.2
-20°	3666.8	4745.3	5592.8	6374.8	7080.1	7721.4	8357.6	9013.5	9644.9	10265.0	10840.8



REPORT NUMBER: P559013 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2998.8	4097.6	5069.6	5852.7	6531.5	7146.9	7724.2	8286.9	8834.1	9348.9	9827.0
-25°	2261.0	3362.8	4379.8	5225.9	5926.4	6525.5	7069.0	7574.6	8044.7	8466.5	8861.7
-27.5°	1646.7	2536.7	3545.0	4474.6	5225.2	5863.7	6379.1	6841.3	7261.2	7621.6	7961.4
-30°	1085.2	1776.9	2634.8	3546.2	4371.5	5053.5	5627.9	6094.6	6475.4	6817.7	7105.0
-32.5°	849.0	1149.9	1781.6	2542.6	3371.1	4085.5	4707.2	5196.7	5623.4	5959.7	6221.6
-35°	687.7	852.1	1091.2	1644.6	2246.9	2986.3	3624.7	4135.9	4603.6	4978.9	5261.4
-37.5°	632.9	686.1	814.1	966.0	1373.7	1824.6	2378.5	2922.2	3395.6	3800.6	4138.8
-40°	591.6	626.9	670.6	737.8	864.9	995.6	1386.5	1734.7	2077.2	2466.8	2800.6
-42.5°	556.2	583.4	607.8	642.3	679.9	745.0	845.5	938.7	1119.0	1351.1	1544.9
-45°	522.2	544.8	566.4	587.1	604.9	633.1	659.9	682.8	743.9	795.3	834.5
-47.5°	486.0	507.2	527.2	545.7	561.6	576.0	588.5	600.6	618.3	632.4	646.3
-50°	448.5	467.5	486.2	502.5	513.5	526.4	540.9	548.0	552.7	557.8	568.6
-52.5°	409.1	425.0	441.8	454.3	462.6	470.3	477.4	485.4	490.8	493.4	503.1
-55°	366.5	380.0	393.5	404.2	412.0	417.2	423.0	432.0	437.4	439.5	449.4
-57.5°	324.1	334.5	344.5	356.4	364.7	369.5	377.2	386.6	393.9	399.5	408.1
-60°	283.3	292.8	302.6	312.7	321.4	328.6	336.5	344.4	351.5	358.0	364.4
-62.5°	243.3	254.8	260.9	268.2	277.7	286.5	289.8	294.4	299.7	306.3	313.8
-65°	196.7	206.1	214.7	219.1	219.7	224.4	232.2	237.2	239.7	241.7	244.2
-67.5°	163.1	167.1	173.0	177.5	182.2	185.5	188.9	191.6	193.7	195.9	198.5
-70°	136.4	140.9	145.7	150.5	154.9	157.9	159.9	161.5	162.7	161.9	161.3
-72.5°	113.8	119.5	123.5	127.4	131.0	133.3	134.7	135.7	136.4	127.9	115.9
-75°	93.3	99.1	102.4	105.6	108.4	110.1	111.0	111.6	111.9	102.1	89.6
-77.5°	75.2	79.1	81.0	83.0	85.0	85.7	86.2	86.7	87.3	79.2	68.8
-80°	52.0	54.5	56.0	57.3	58.4	58.5	57.7	56.3	54.4	49.8	44.6
-82.5°	30.9	31.3	31.3	31.2	31.1	32.4	33.7	34.8	35.8	33.1	29.9
-85°	13.8	13.4	12.7	11.7	10.6	11.2	11.8	12.5	13.1	12.2	11.2
-87.5°	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3.0	3.0	2.6	2.3
-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: P559013 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.9	1.5	1.5	1.5	1.5	1.5	1.9	2.3	2.6	3.0	3.0
85°	10.2	9.1	9.2	9.2	9.2	9.1	10.2	11.2	12.2	13.1	12.5
82.5°	26.5	22.9	23.0	23.0	23.0	22.9	26.5	29.9	33.1	35.8	34.8
80°	39.3	33.7	34.4	35.2	34.4	33.7	39.3	44.6	49.8	54.4	56.3
77.5°	57.8	46.2	45.8	45.9	45.8	46.2	57.8	68.8	79.2	87.3	86.7
75°	76.6	63.3	62.7	62.8	62.7	63.3	76.6	89.6	102.1	111.9	111.6
72.5°	103.6	90.9	85.1	79.6	85.1	90.9	103.6	115.9	127.9	136.4	135.7
70°	161.4	161.8	156.1	148.5	156.1	161.8	161.4	161.3	161.9	162.7	161.5
67.5°	200.6	202.3	204.6	206.7	204.6	202.3	200.6	198.5	195.9	193.7	191.6
65°	245.4	245.3	246.2	246.6	246.2	245.3	245.4	244.2	241.7	239.7	237.2
62.5°	320.2	325.4	329.0	330.8	329.0	325.4	320.2	313.8	306.3	299.7	294.4
60°	369.7	374.0	380.0	385.9	380.0	374.0	369.7	364.4	358.0	351.5	344.4
57.5°	416.1	423.3	429.1	433.4	429.1	423.3	416.1	408.1	399.5	393.9	386.6
55°	458.8	467.2	475.2	482.4	475.2	467.2	458.8	449.4	439.5	437.4	432.0
52.5°	512.5	519.3	530.7	545.2	530.7	519.3	512.5	503.1	493.4	490.8	485.4
50°	581.1	591.5	605.9	623.3	605.9	591.5	581.1	568.6	557.8	552.7	548.0
47.5°	660.5	670.9	684.7	702.9	684.7	670.9	660.5	646.3	632.4	618.3	600.6
45°	870.3	894.7	917.1	941.8	917.1	894.7	870.3	834.5	795.3	743.9	682.8
42.5°	1700.2	1807.6	1854.0	1827.0	1854.0	1807.6	1700.2	1544.9	1351.1	1119.0	938.7
40°	3055.1	3233.6	3338.7	3375.2	3338.7	3233.6	3055.1	2800.6	2466.8	2077.2	1734.7
37.5°	4385.9	4550.2	4638.9	4649.3	4638.9	4550.2	4385.9	4138.8	3800.6	3395.6	2922.2
35°	5465.4	5600.7	5680.9	5741.2	5680.9	5600.7	5465.4	5261.4	4978.9	4603.6	4135.9
32.5°	6434.9	6589.2	6678.3	6658.5	6678.3	6589.2	6434.9	6221.6	5959.7	5623.4	5196.7
30°	7340.6	7509.3	7614.1	7617.2	7614.1	7509.3	7340.6	7105.0	6817.7	6475.4	6094.6
27.5°	8236.0	8425.4	8534.7	8620.2	8534.7	8425.4	8236.0	7961.4	7621.6	7261.2	6841.3
25°	9191.2	9427.3	9567.5	9652.4	9567.5	9427.3	9191.2	8861.7	8466.5	8044.7	7574.6
22.5°	10221.2	10513.6	10705.8	10785.6	10705.8	10513.6	10221.2	9827.0	9348.9	8834.1	8286.9
20°	11341.5	11703.9	11949.3	11941.8	11949.3	11703.9	11341.5	10840.8	10265.0	9644.9	9013.5
17.5°	12591.5	13059.0	13375.4	13421.2	13375.4	13059.0	12591.5	11930.2	11241.5	10521.4	9759.8
15°	13931.7	14534.4	14943.6	15070.5	14943.6	14534.4	13931.7	13154.3	12276.4	11414.5	10508.5
12.5°	15305.1	16022.0	16567.5	16748.9	16567.5	16022.0	15305.1	14383.3	13305.0	12301.0	11254.7
10°	16613.6	17407.7	17999.8	18261.9	17999.8	17407.7	16613.6	15520.0	14358.2	13169.5	11920.9
7.5°	17707.5	18514.3	19124.3	19340.0	19124.3	18514.3	17707.5	16606.3	15223.3	13900.6	12549.5
5°	18428.2	19309.6	19783.9	20050.6	19783.9	19309.6	18428.2	17274.4	15906.7	14457.3	13008.4
2.5°	18909.6	19657.1	20137.4	20382.9	20137.4	19657.1	18909.6	17773.6	16425.2	14843.7	13313.2
0°	19165.4	19926.5	20278.8	20398.2	20278.8	19926.5	19165.4	18029.1	16644.8	15001.6	13508.4
-2.5°	18909.6	19657.1	20137.4	20382.9	20137.4	19657.1	18909.6	17773.6	16425.2	14843.7	13313.2
-5°	18428.2	19309.6	19783.9	20050.6	19783.9	19309.6	18428.2	17274.4	15906.7	14457.3	13008.4
-7.5°	17707.5	18514.3	19124.3	19340.0	19124.3	18514.3	17707.5	16606.3	15223.3	13900.6	12549.5
-10°	16613.6	17407.7	17999.8	18261.9	17999.8	17407.7	16613.6	15520.0	14358.2	13169.5	11920.9
-12.5°	15305.1	16022.0	16567.5	16748.9	16567.5	16022.0	15305.1	14383.3	13305.0	12301.0	11254.7
-15°	13931.7	14534.4	14943.6	15070.5	14943.6	14534.4	13931.7	13154.3	12276.4	11414.5	10508.5
-17.5°	12591.5	13059.0	13375.4	13421.2	13375.4	13059.0	12591.5	11930.2	11241.5	10521.4	9759.8
-20°	11341.5	11703.9	11949.3	11941.8	11949.3	11703.9	11341.5	10840.8	10265.0	9644.9	9013.5



REPORT NUMBER: P559013 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	10221.2	10513.6	10705.8	10785.6	10705.8	10513.6	10221.2	9827.0	9348.9	8834.1	8286.9
-25°	9191.2	9427.3	9567.5	9652.4	9567.5	9427.3	9191.2	8861.7	8466.5	8044.7	7574.6
-27.5°	8236.0	8425.4	8534.7	8620.2	8534.7	8425.4	8236.0	7961.4	7621.6	7261.2	6841.3
-30°	7340.6	7509.3	7614.1	7617.2	7614.1	7509.3	7340.6	7105.0	6817.7	6475.4	6094.6
-32.5°	6434.9	6589.2	6678.3	6658.5	6678.3	6589.2	6434.9	6221.6	5959.7	5623.4	5196.7
-35°	5465.4	5600.7	5680.9	5741.2	5680.9	5600.7	5465.4	5261.4	4978.9	4603.6	4135.9
-37.5°	4385.9	4550.2	4638.9	4649.3	4638.9	4550.2	4385.9	4138.8	3800.6	3395.6	2922.2
-40°	3055.1	3233.6	3338.7	3375.2	3338.7	3233.6	3055.1	2800.6	2466.8	2077.2	1734.7
-42.5°	1700.2	1807.6	1854.0	1827.0	1854.0	1807.6	1700.2	1544.9	1351.1	1119.0	938.7
-45°	870.3	894.7	917.1	941.8	917.1	894.7	870.3	834.5	795.3	743.9	682.8
-47.5°	660.5	670.9	684.7	702.9	684.7	670.9	660.5	646.3	632.4	618.3	600.6
-50°	581.1	591.5	605.9	623.3	605.9	591.5	581.1	568.6	557.8	552.7	548.0
-52.5°	512.5	519.3	530.7	545.2	530.7	519.3	512.5	503.1	493.4	490.8	485.4
-55°	458.8	467.2	475.2	482.4	475.2	467.2	458.8	449.4	439.5	437.4	432.0
-57.5°	416.1	423.3	429.1	433.4	429.1	423.3	416.1	408.1	399.5	393.9	386.6
-60°	369.7	374.0	380.0	385.9	380.0	374.0	369.7	364.4	358.0	351.5	344.4
-62.5°	320.2	325.4	329.0	330.8	329.0	325.4	320.2	313.8	306.3	299.7	294.4
-65°	245.4	245.3	246.2	246.6	246.2	245.3	245.4	244.2	241.7	239.7	237.2
-67.5°	200.6	202.3	204.6	206.7	204.6	202.3	200.6	198.5	195.9	193.7	191.6
-70°	161.4	161.8	156.1	148.5	156.1	161.8	161.4	161.3	161.9	162.7	161.5
-72.5°	103.6	90.9	85.1	79.6	85.1	90.9	103.6	115.9	127.9	136.4	135.7
-75°	76.6	63.3	62.7	62.8	62.7	63.3	76.6	89.6	102.1	111.9	111.6
-77.5°	57.8	46.2	45.8	45.9	45.8	46.2	57.8	68.8	79.2	87.3	86.7
-80°	39.3	33.7	34.4	35.2	34.4	33.7	39.3	44.6	49.8	54.4	56.3
-82.5°	26.5	22.9	23.0	23.0	23.0	22.9	26.5	29.9	33.1	35.8	34.8
-85°	10.2	9.1	9.2	9.2	9.2	9.1	10.2	11.2	12.2	13.1	12.5
-87.5°	1.9	1.5	1.5	1.5	1.5	1.5	1.9	2.3	2.6	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: P559013 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
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	2.7	2.6	2.5	2.5	2.4	2.3	2.2
85°	11.8	11.2	10.6	11.7	12.7	13.4	13.8	12.2	10.8	9.4	8.2
82.5°	33.7	32.4	31.1	31.2	31.3	31.3	30.9	27.1	23.5	20.2	17.6
80°	57.7	58.5	58.4	57.3	56.0	54.5	52.0	45.2	39.1	33.6	29.9
77.5°	86.2	85.7	85.0	83.0	81.0	79.1	75.2	65.1	55.4	46.6	41.9
75°	111.0	110.1	108.4	105.6	102.4	99.1	93.3	83.3	72.8	61.9	56.1
72.5°	134.7	133.3	131.0	127.4	123.5	119.5	113.8	105.1	94.3	81.3	75.0
70°	159.9	157.9	154.9	150.5	145.7	140.9	136.4	130.2	121.4	110.3	103.9
67.5°	188.9	185.5	182.2	177.5	173.0	167.1	163.1	157.9	151.2	141.8	134.7
65°	232.2	224.4	219.7	219.1	214.7	206.1	196.7	190.6	184.2	175.3	165.5
62.5°	289.8	286.5	277.7	268.2	260.9	254.8	243.3	230.6	219.6	209.5	197.8
60°	336.5	328.6	321.4	312.7	302.6	292.8	283.3	270.8	255.3	242.8	230.0
57.5°	377.2	369.5	364.7	356.4	344.5	334.5	324.1	311.6	296.4	278.2	262.2
55°	423.0	417.2	412.0	404.2	393.5	380.0	366.5	353.0	336.0	314.2	294.4
52.5°	477.4	470.3	462.6	454.3	441.8	425.0	409.1	393.2	373.4	349.8	325.8
50°	540.9	526.4	513.5	502.5	486.2	467.5	448.5	430.6	407.3	383.0	357.9
47.5°	588.5	576.0	561.6	545.7	527.2	507.2	486.0	463.5	439.1	413.7	387.4
45°	659.9	633.1	604.9	587.1	566.4	544.8	522.2	496.4	469.8	442.8	415.1
42.5°	845.5	745.0	679.9	642.3	607.8	583.4	556.2	528.3	499.9	471.1	441.8
40°	1386.5	995.6	864.9	737.8	670.6	626.9	591.6	559.1	528.9	498.4	467.5
37.5°	2378.5	1824.6	1373.7	966.0	814.1	686.1	632.9	590.9	556.6	524.8	492.2
35°	3624.7	2986.3	2246.9	1644.6	1091.2	852.1	687.7	628.7	584.9	550.3	516.0
32.5°	4707.2	4085.5	3371.1	2542.6	1781.6	1149.9	849.0	679.0	616.1	575.6	539.1
30°	5627.9	5053.5	4371.5	3546.2	2634.8	1776.9	1085.2	807.8	662.6	599.7	561.3
27.5°	6379.1	5863.7	5225.2	4474.6	3545.0	2536.7	1646.7	968.1	732.4	635.8	582.2
25°	7069.0	6525.5	5926.4	5225.9	4379.8	3362.8	2261.0	1390.3	869.6	674.5	601.8
22.5°	7724.2	7146.9	6531.5	5852.7	5069.6	4097.6	2998.8	1860.1	1008.2	744.3	632.0
20°	8357.6	7721.4	7080.1	6374.8	5592.8	4745.3	3666.8	2423.1	1403.6	850.5	660.8
17.5°	9006.5	8278.3	7552.0	6834.2	6041.5	5190.6	4187.3	2989.2	1747.3	946.1	685.7
15°	9621.1	8807.6	8006.3	7217.1	6424.4	5562.1	4622.0	3493.4	2088.5	1139.4	756.4
12.5°	10243.4	9296.5	8426.6	7541.7	6746.4	5872.2	4930.2	3837.6	2488.8	1376.2	826.6
10°	10807.0	9744.9	8780.4	7844.0	6986.4	6119.5	5177.9	4114.2	2818.0	1570.9	884.3
7.5°	11290.0	10134.9	9074.8	8090.3	7179.2	6325.9	5390.4	4334.9	3065.9	1721.2	929.3
5°	11662.6	10419.8	9301.1	8292.4	7329.0	6466.5	5545.9	4495.6	3233.0	1826.8	961.6
2.5°	11886.8	10592.5	9433.9	8417.7	7422.1	6546.7	5628.2	4598.4	3339.4	1895.0	985.5
0°	11983.2	10644.7	9531.4	8502.3	7457.9	6580.4	5626.4	4637.1	3378.3	1920.4	996.9
-2.5°	11886.8	10592.5	9433.9	8417.7	7422.1	6546.7	5628.2	4598.4	3339.4	1895.0	985.5
-5°	11662.6	10419.8	9301.1	8292.4	7329.0	6466.5	5545.9	4495.6	3233.0	1826.8	961.6
-7.5°	11290.0	10134.9	9074.8	8090.3	7179.2	6325.9	5390.4	4334.9	3065.9	1721.2	929.3
-10°	10807.0	9744.9	8780.4	7844.0	6986.4	6119.5	5177.9	4114.2	2818.0	1570.9	884.3
-12.5°	10243.4	9296.5	8426.6	7541.7	6746.4	5872.2	4930.2	3837.6	2488.8	1376.2	826.6
-15°	9621.1	8807.6	8006.3	7217.1	6424.4	5562.1	4622.0	3493.4	2088.5	1139.4	756.4
-17.5°	9006.5	8278.3	7552.0	6834.2	6041.5	5190.6	4187.3	2989.2	1747.3	946.1	685.7
-20°	8357.6	7721.4	7080.1	6374.8	5592.8	4745.3	3666.8	2423.1	1403.6	850.5	660.8



REPORT NUMBER: P559013 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7724.2	7146.9	6531.5	5852.7	5069.6	4097.6	2998.8	1860.1	1008.2	744.3	632.0
-25°	7069.0	6525.5	5926.4	5225.9	4379.8	3362.8	2261.0	1390.3	869.6	674.5	601.8
-27.5°	6379.1	5863.7	5225.2	4474.6	3545.0	2536.7	1646.7	968.1	732.4	635.8	582.2
-30°	5627.9	5053.5	4371.5	3546.2	2634.8	1776.9	1085.2	807.8	662.6	599.7	561.3
-32.5°	4707.2	4085.5	3371.1	2542.6	1781.6	1149.9	849.0	679.0	616.1	575.6	539.1
-35°	3624.7	2986.3	2246.9	1644.6	1091.2	852.1	687.7	628.7	584.9	550.3	516.0
-37.5°	2378.5	1824.6	1373.7	966.0	814.1	686.1	632.9	590.9	556.6	524.8	492.2
-40°	1386.5	995.6	864.9	737.8	670.6	626.9	591.6	559.1	528.9	498.4	467.5
-42.5°	845.5	745.0	679.9	642.3	607.8	583.4	556.2	528.3	499.9	471.1	441.8
-45°	659.9	633.1	604.9	587.1	566.4	544.8	522.2	496.4	469.8	442.8	415.1
-47.5°	588.5	576.0	561.6	545.7	527.2	507.2	486.0	463.5	439.1	413.7	387.4
-50°	540.9	526.4	513.5	502.5	486.2	467.5	448.5	430.6	407.3	383.0	357.9
-52.5°	477.4	470.3	462.6	454.3	441.8	425.0	409.1	393.2	373.4	349.8	325.8
-55°	423.0	417.2	412.0	404.2	393.5	380.0	366.5	353.0	336.0	314.2	294.4
-57.5°	377.2	369.5	364.7	356.4	344.5	334.5	324.1	311.6	296.4	278.2	262.2
-60°	336.5	328.6	321.4	312.7	302.6	292.8	283.3	270.8	255.3	242.8	230.0
-62.5°	289.8	286.5	277.7	268.2	260.9	254.8	243.3	230.6	219.6	209.5	197.8
-65°	232.2	224.4	219.7	219.1	214.7	206.1	196.7	190.6	184.2	175.3	165.5
-67.5°	188.9	185.5	182.2	177.5	173.0	167.1	163.1	157.9	151.2	141.8	134.7
-70°	159.9	157.9	154.9	150.5	145.7	140.9	136.4	130.2	121.4	110.3	103.9
-72.5°	134.7	133.3	131.0	127.4	123.5	119.5	113.8	105.1	94.3	81.3	75.0
-75°	111.0	110.1	108.4	105.6	102.4	99.1	93.3	83.3	72.8	61.9	56.1
-77.5°	86.2	85.7	85.0	83.0	81.0	79.1	75.2	65.1	55.4	46.6	41.9
-80°	57.7	58.5	58.4	57.3	56.0	54.5	52.0	45.2	39.1	33.6	29.9
-82.5°	33.7	32.4	31.1	31.2	31.3	31.3	30.9	27.1	23.5	20.2	17.6
-85°	11.8	11.2	10.6	11.7	12.7	13.4	13.8	12.2	10.8	9.4	8.2
-87.5°	2.9	2.9	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2
-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: P559013 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.6	3.0	3.3	3.5	3.7	3.8	3.9	3.9	3.7	3.4	3.1
85°	8.7	9.0	9.0	8.8	8.3	7.7	7.8	7.8	7.3	6.8	6.2
82.5°	18.3	19.0	19.4	19.4	18.1	16.9	15.5	14.1	12.6	10.5	9.3
80°	31.6	32.6	32.9	32.1	29.0	26.0	24.0	22.0	20.4	18.1	15.2
77.5°	45.0	47.0	47.9	46.8	42.6	38.4	34.3	30.6	28.3	25.8	22.4
75°	58.9	61.9	63.8	62.6	57.4	50.8	45.5	41.1	37.9	33.7	29.7
72.5°	76.4	77.9	79.6	79.2	74.6	68.0	59.5	51.8	48.2	43.4	37.5
70°	99.8	95.5	94.4	93.8	91.0	85.8	77.2	67.1	58.7	53.3	46.6
67.5°	128.5	122.5	116.3	109.7	106.3	101.7	94.8	82.9	71.8	63.1	55.7
65°	156.8	148.8	141.2	131.6	123.6	117.5	110.5	97.8	84.5	73.5	64.8
62.5°	185.8	173.9	163.7	152.6	142.1	133.5	126.0	111.6	96.7	83.4	73.0
60°	216.0	201.8	186.4	172.9	160.3	148.8	138.7	125.2	109.1	92.7	80.6
57.5°	246.8	230.1	211.3	193.7	178.6	164.5	150.9	137.1	121.2	103.2	87.2
55°	277.2	258.9	236.1	215.2	196.9	180.8	163.6	148.0	132.7	113.9	92.1
52.5°	304.3	285.2	262.5	237.2	215.2	196.4	177.4	158.8	142.4	124.3	98.7
50°	331.9	308.2	286.6	261.4	233.5	211.7	190.7	170.7	151.9	134.0	104.9
47.5°	360.6	333.0	307.7	284.1	255.6	226.5	204.1	182.3	161.2	142.2	110.3
45°	387.1	358.5	329.4	303.2	276.1	243.8	217.3	193.5	171.2	146.4	115.0
42.5°	412.1	382.2	351.9	321.8	293.4	260.9	230.0	204.9	180.8	149.7	118.2
40°	436.2	404.7	373.0	341.6	310.6	276.4	243.9	215.9	189.3	152.5	120.4
37.5°	459.0	426.0	392.9	360.5	328.1	292.5	256.7	226.5	193.4	155.7	121.9
35°	481.2	446.2	412.6	378.7	344.7	308.7	268.1	236.7	199.6	158.3	122.7
32.5°	502.2	465.9	431.3	396.2	360.3	325.1	281.0	245.9	207.2	160.4	122.9
30°	522.8	485.3	448.9	412.9	375.2	338.8	295.5	255.0	215.9	162.1	122.9
27.5°	542.4	503.1	465.3	428.3	389.7	351.3	309.5	264.0	225.8	165.2	123.8
25°	560.3	519.7	480.5	442.3	403.2	363.4	322.6	272.7	234.0	171.9	124.1
22.5°	577.0	534.8	494.3	455.1	416.5	375.1	333.6	283.5	240.8	178.8	123.9
20°	592.2	548.2	507.2	468.7	428.5	386.2	343.0	293.3	247.1	185.9	123.3
17.5°	607.3	562.2	522.0	481.5	439.6	396.2	351.7	302.0	253.0	192.8	122.1
15°	631.3	577.4	535.5	493.6	449.9	405.3	359.7	309.7	258.3	199.5	121.8
12.5°	652.7	590.9	547.6	504.8	459.3	413.2	366.9	316.2	263.1	204.1	122.3
10°	670.9	602.8	558.3	515.0	467.7	420.0	373.2	321.9	267.0	206.0	122.0
7.5°	685.7	613.0	567.6	524.0	475.5	426.6	379.1	326.6	270.9	206.2	121.0
5°	698.4	624.1	579.2	533.9	484.6	433.0	384.0	330.1	274.3	204.8	119.5
2.5°	713.0	637.5	592.0	542.6	492.6	438.4	387.9	332.5	277.1	201.9	117.4
0°	724.4	649.3	603.4	549.8	499.2	442.6	390.5	333.8	278.7	197.6	114.9
-2.5°	713.0	637.5	592.0	542.6	492.6	438.4	387.9	332.5	277.1	201.9	117.4
-5°	698.4	624.1	579.2	533.9	484.6	433.0	384.0	330.1	274.3	204.8	119.5
-7.5°	685.7	613.0	567.6	524.0	475.5	426.6	379.1	326.6	270.9	206.2	121.0
-10°	670.9	602.8	558.3	515.0	467.7	420.0	373.2	321.9	267.0	206.0	122.0
-12.5°	652.7	590.9	547.6	504.8	459.3	413.2	366.9	316.2	263.1	204.1	122.3
-15°	631.3	577.4	535.5	493.6	449.9	405.3	359.7	309.7	258.3	199.5	121.8
-17.5°	607.3	562.2	522.0	481.5	439.6	396.2	351.7	302.0	253.0	192.8	122.1
-20°	592.2	548.2	507.2	468.7	428.5	386.2	343.0	293.3	247.1	185.9	123.3



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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°	577.0	534.8	494.3	455.1	416.5	375.1	333.6	283.5	240.8	178.8	123.9
-25°	560.3	519.7	480.5	442.3	403.2	363.4	322.6	272.7	234.0	171.9	124.1
-27.5°	542.4	503.1	465.3	428.3	389.7	351.3	309.5	264.0	225.8	165.2	123.8
-30°	522.8	485.3	448.9	412.9	375.2	338.8	295.5	255.0	215.9	162.1	122.9
-32.5°	502.2	465.9	431.3	396.2	360.3	325.1	281.0	245.9	207.2	160.4	122.9
-35°	481.2	446.2	412.6	378.7	344.7	308.7	268.1	236.7	199.6	158.3	122.7
-37.5°	459.0	426.0	392.9	360.5	328.1	292.5	256.7	226.5	193.4	155.7	121.9
-40°	436.2	404.7	373.0	341.6	310.6	276.4	243.9	215.9	189.3	152.5	120.4
-42.5°	412.1	382.2	351.9	321.8	293.4	260.9	230.0	204.9	180.8	149.7	118.2
-45°	387.1	358.5	329.4	303.2	276.1	243.8	217.3	193.5	171.2	146.4	115.0
-47.5°	360.6	333.0	307.7	284.1	255.6	226.5	204.1	182.3	161.2	142.2	110.3
-50°	331.9	308.2	286.6	261.4	233.5	211.7	190.7	170.7	151.9	134.0	104.9
-52.5°	304.3	285.2	262.5	237.2	215.2	196.4	177.4	158.8	142.4	124.3	98.7
-55°	277.2	258.9	236.1	215.2	196.9	180.8	163.6	148.0	132.7	113.9	92.1
-57.5°	246.8	230.1	211.3	193.7	178.6	164.5	150.9	137.1	121.2	103.2	87.2
-60°	216.0	201.8	186.4	172.9	160.3	148.8	138.7	125.2	109.1	92.7	80.6
-62.5°	185.8	173.9	163.7	152.6	142.1	133.5	126.0	111.6	96.7	83.4	73.0
-65°	156.8	148.8	141.2	131.6	123.6	117.5	110.5	97.8	84.5	73.5	64.8
-67.5°	128.5	122.5	116.3	109.7	106.3	101.7	94.8	82.9	71.8	63.1	55.7
-70°	99.8	95.5	94.4	93.8	91.0	85.8	77.2	67.1	58.7	53.3	46.6
-72.5°	76.4	77.9	79.6	79.2	74.6	68.0	59.5	51.8	48.2	43.4	37.5
-75°	58.9	61.9	63.8	62.6	57.4	50.8	45.5	41.1	37.9	33.7	29.7
-77.5°	45.0	47.0	47.9	46.8	42.6	38.4	34.3	30.6	28.3	25.8	22.4
-80°	31.6	32.6	32.9	32.1	29.0	26.0	24.0	22.0	20.4	18.1	15.2
-82.5°	18.3	19.0	19.4	19.4	18.1	16.9	15.5	14.1	12.6	10.5	9.3
-85°	8.7	9.0	9.0	8.8	8.3	7.7	7.8	7.8	7.3	6.8	6.2
-87.5°	2.6	3.0	3.3	3.5	3.7	3.8	3.9	3.9	3.7	3.4	3.1
-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°	2.8	2.2	1.6	1.1	0.7	0.3	0.0
85°	5.5	4.3	3.2	2.2	1.3	0.7	0.0
82.5°	8.3	6.4	4.8	3.3	2.0	1.0	0.0
80°	11.4	8.5	6.3	4.4	2.7	1.3	0.0
77.5°	17.9	11.6	7.9	5.4	3.3	1.7	0.0
75°	24.3	16.6	9.8	6.5	4.0	2.0	0.0
72.5°	30.6	21.5	13.4	7.5	4.6	2.3	0.0
70°	36.8	26.2	16.9	8.8	5.3	2.6	0.0
67.5°	44.1	30.8	20.3	11.2	5.9	2.9	0.0
65°	51.0	35.7	23.6	13.5	6.5	3.3	0.0
62.5°	57.7	40.9	26.8	15.7	7.1	3.6	0.0
60°	64.0	45.8	29.8	17.8	7.7	3.8	0.0
57.5°	68.3	50.4	33.3	19.9	9.0	4.1	0.0
55°	71.9	54.8	36.6	21.8	10.3	4.4	0.0
52.5°	75.0	58.6	39.7	23.7	11.6	4.7	0.0
50°	77.6	60.5	42.6	25.4	12.8	4.9	0.0
47.5°	80.0	62.0	45.3	27.1	14.0	5.2	0.0
45°	83.9	63.1	47.8	28.9	15.1	5.4	0.0
42.5°	87.1	63.8	50.0	30.6	16.1	5.7	0.0
40°	89.8	64.2	51.2	32.4	17.1	5.9	0.0
37.5°	91.9	64.2	51.3	34.2	18.1	6.1	0.0
35°	93.4	65.0	51.2	36.0	19.0	6.3	0.0
32.5°	94.1	66.0	50.9	37.7	19.8	6.5	0.0
30°	94.0	66.6	50.4	39.3	20.5	6.7	0.0
27.5°	93.5	66.8	51.0	40.9	21.2	6.8	0.0
25°	92.4	66.6	51.6	42.5	21.9	7.0	0.0
22.5°	91.0	66.7	52.0	43.9	22.4	7.1	0.0
20°	89.0	68.5	52.5	45.3	22.9	7.2	0.0
17.5°	89.2	70.0	52.8	46.5	23.4	7.3	0.0
15°	90.5	71.3	53.1	47.7	23.7	7.4	0.0
12.5°	91.6	72.4	53.3	48.8	24.0	7.5	0.0
10°	92.4	73.3	53.4	49.7	24.2	7.6	0.0
7.5°	93.0	74.1	53.5	50.5	24.4	7.6	0.0
5°	93.4	74.6	53.6	51.2	24.5	7.7	0.0
2.5°	93.5	74.9	53.6	51.7	24.5	7.7	0.0
0°	93.4	75.0	53.6	52.1	24.5	7.7	0.0
-2.5°	93.5	74.9	53.6	51.7	24.5	7.7	0.0
-5°	93.4	74.6	53.6	51.2	24.5	7.7	0.0
-7.5°	93.0	74.1	53.5	50.5	24.4	7.6	0.0
-10°	92.4	73.3	53.4	49.7	24.2	7.6	0.0
-12.5°	91.6	72.4	53.3	48.8	24.0	7.5	0.0
-15°	90.5	71.3	53.1	47.7	23.7	7.4	0.0
-17.5°	89.2	70.0	52.8	46.5	23.4	7.3	0.0
-20°	89.0	68.5	52.5	45.3	22.9	7.2	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	91.0	66.7	52.0	43.9	22.4	7.1	0.0
-25°	92.4	66.6	51.6	42.5	21.9	7.0	0.0
-27.5°	93.5	66.8	51.0	40.9	21.2	6.8	0.0
-30°	94.0	66.6	50.4	39.3	20.5	6.7	0.0
-32.5°	94.1	66.0	50.9	37.7	19.8	6.5	0.0
-35°	93.4	65.0	51.2	36.0	19.0	6.3	0.0
-37.5°	91.9	64.2	51.3	34.2	18.1	6.1	0.0
-40°	89.8	64.2	51.2	32.4	17.1	5.9	0.0
-42.5°	87.1	63.8	50.0	30.6	16.1	5.7	0.0
-45°	83.9	63.1	47.8	28.9	15.1	5.4	0.0
-47.5°	80.0	62.0	45.3	27.1	14.0	5.2	0.0
-50°	77.6	60.5	42.6	25.4	12.8	4.9	0.0
-52.5°	75.0	58.6	39.7	23.7	11.6	4.7	0.0
-55°	71.9	54.8	36.6	21.8	10.3	4.4	0.0
-57.5°	68.3	50.4	33.3	19.9	9.0	4.1	0.0
-60°	64.0	45.8	29.8	17.8	7.7	3.8	0.0
-62.5°	57.7	40.9	26.8	15.7	7.1	3.6	0.0
-65°	51.0	35.7	23.6	13.5	6.5	3.3	0.0
-67.5°	44.1	30.8	20.3	11.2	5.9	2.9	0.0
-70°	36.8	26.2	16.9	8.8	5.3	2.6	0.0
-72.5°	30.6	21.5	13.4	7.5	4.6	2.3	0.0
-75°	24.3	16.6	9.8	6.5	4.0	2.0	0.0
-77.5°	17.9	11.6	7.9	5.4	3.3	1.7	0.0
-80°	11.4	8.5	6.3	4.4	2.7	1.3	0.0
-82.5°	8.3	6.4	4.8	3.3	2.0	1.0	0.0
-85°	5.5	4.3	3.2	2.2	1.3	0.7	0.0
-87.5°	2.8	2.2	1.6	1.1	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)