

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: P559124 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-940-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559124 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-4)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA5E-940-U-MR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQUARE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (80) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

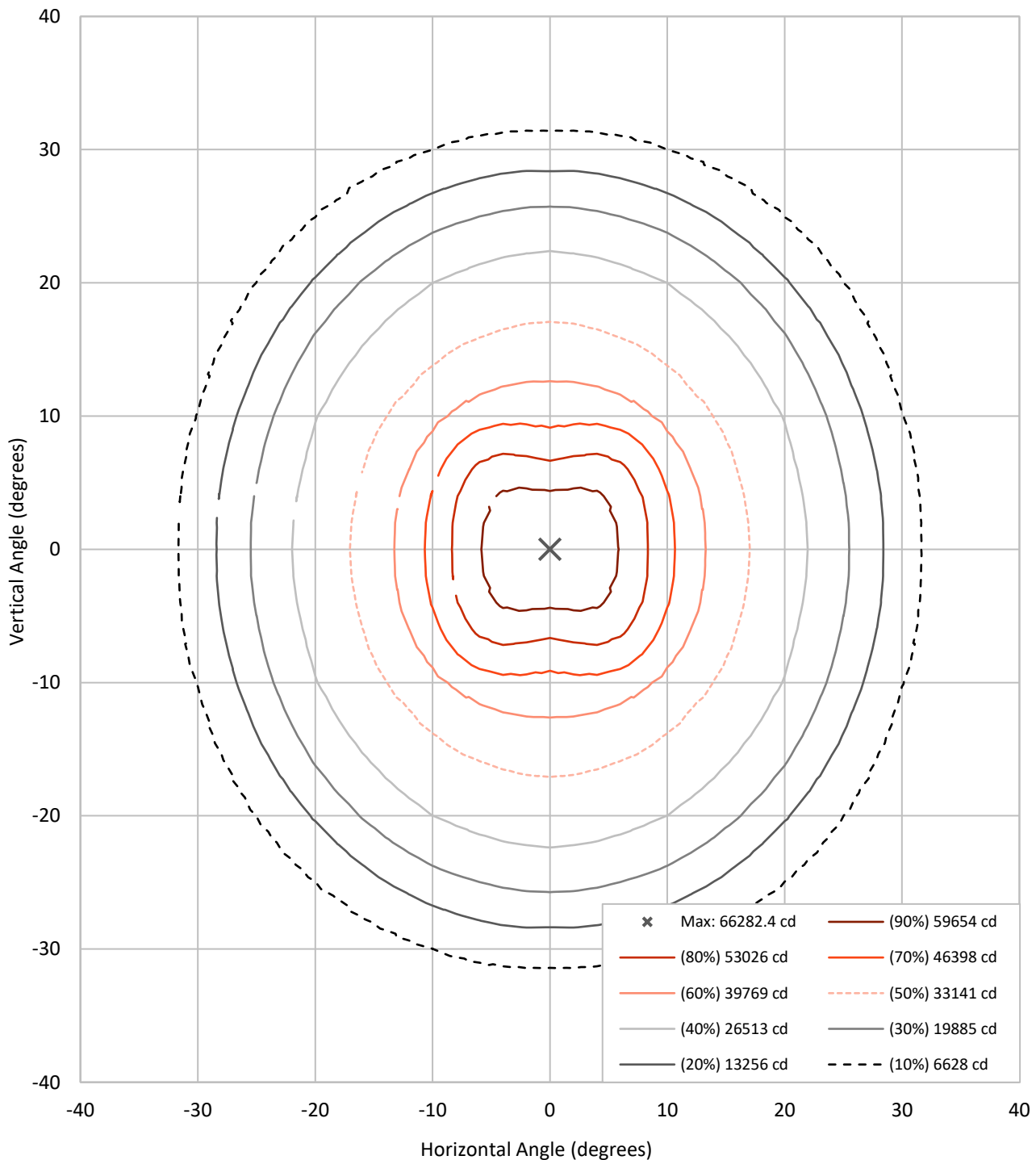
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	29321.5 lumens	Max Intensity:	66282.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	95.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	12489.1 lumens	Field Lumens:	25525.2 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 307
Input Voltage (V): 120
Input Current (A_{in}): 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





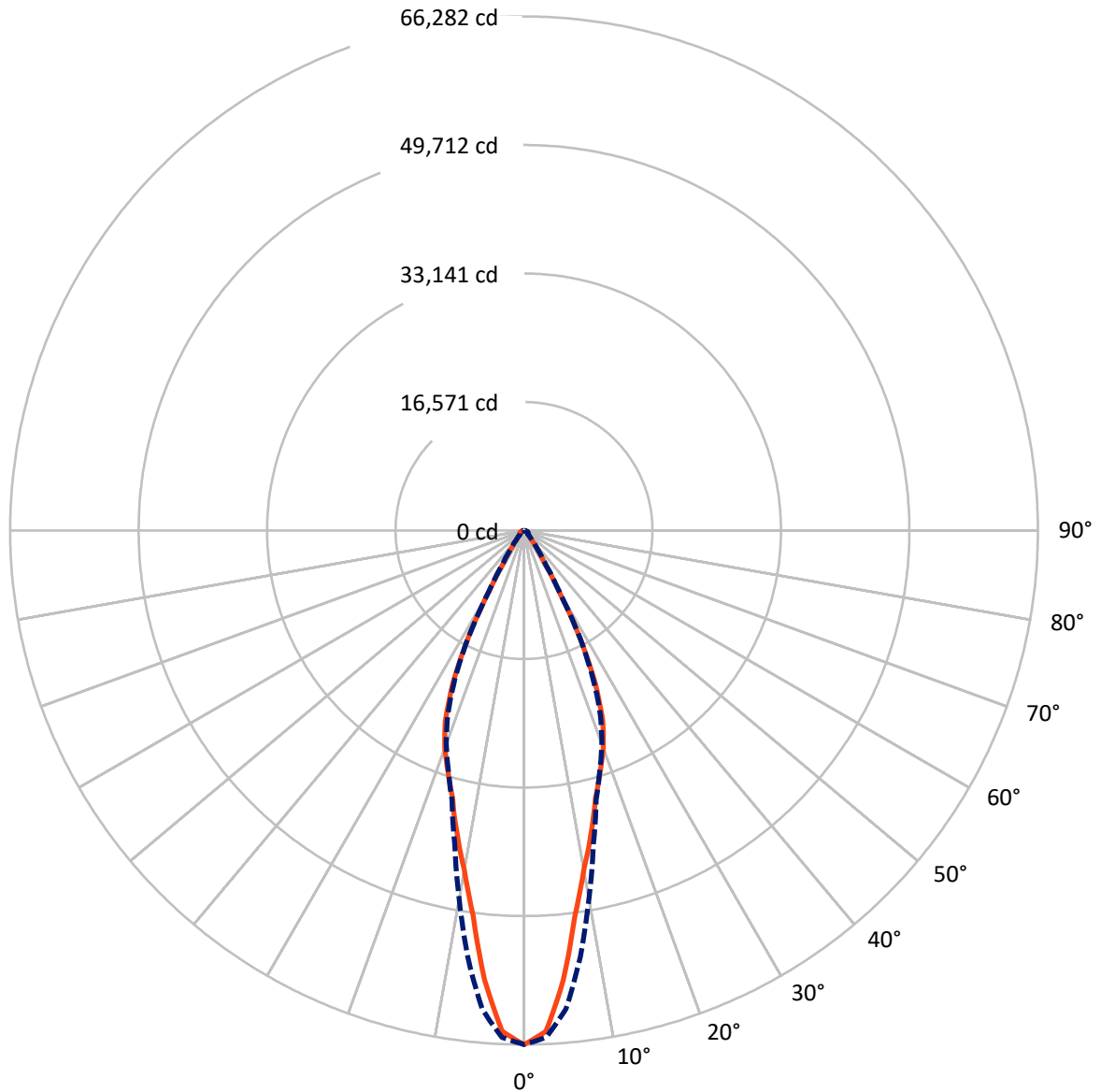
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Lumen Table

90																			
80	0.4	3.2		9.1		15.0		17.5		15.0		9.1		3.2		0.4			
70																			
60	1.5	1.7	3.8	6.4	9.5	12.2	14.3	15.5	15.5	14.3	12.2	9.5	6.4	3.8	1.7	1.5			
50		2.7	6.0	10.4	14.1	16.0	16.9	17.3	17.3	16.9	16.0	14.1	10.4	6.0	2.7				
40	2.8	3.8	8.3	12.5	14.6	18.1	23.2	26.7	26.7	23.2	18.1	14.6	12.5	8.3	3.8	2.8			
30		4.8	9.7	12.6	18.9	37.4	71.1	108.6	108.6	71.1	37.4	18.9	12.6	9.7	4.8				
20	3.8	5.6	10.0	14.1	34.4	114.1	358.8	590.7	590.7	358.8	114.1	34.4	14.1	10.0	5.6	3.8			
10		6.1	10.0	17.3	64.1	338.2	799.2	1058.4	1058.4	799.2	338.2	64.1	17.3	10.0	6.1				
0	4.2	6.4	10.0	20.0	97.4	532.7	1039.3	1640.0	1640.0	1039.3	532.7	97.4	20.0	10.0	6.4	4.2			
-10		6.4	10.0	20.0	97.4	532.7	1039.3	1640.0	1640.0	1039.3	532.7	97.4	20.0	10.0	6.4				
-20	3.8	6.1	10.0	17.3	64.1	338.2	799.2	1058.4	1058.4	799.2	338.2	64.1	17.3	10.0	6.1	3.8			
-30		5.6	10.0	14.1	34.4	114.1	358.8	590.7	590.7	358.8	114.1	34.4	14.1	10.0	5.6				
-40	2.8	4.8	9.7	12.6	18.9	37.4	71.1	108.6	108.6	71.1	37.4	18.9	12.6	9.7	4.8	2.8			
-50		3.8	8.3	12.5	14.6	18.1	23.2	26.7	26.7	23.2	18.1	14.6	12.5	8.3	3.8				
-60	1.5	2.7	6.0	10.4	14.1	16.0	16.9	17.3	17.3	16.9	16.0	14.1	10.4	6.0	2.7	1.5			
-70		1.7	3.8	6.4	9.5	12.2	14.3	15.5	15.5	14.3	12.2	9.5	6.4	3.8	1.7				
-80	0.4	3.2		9.1		15.0		17.5		15.0		9.1		3.2		0.4			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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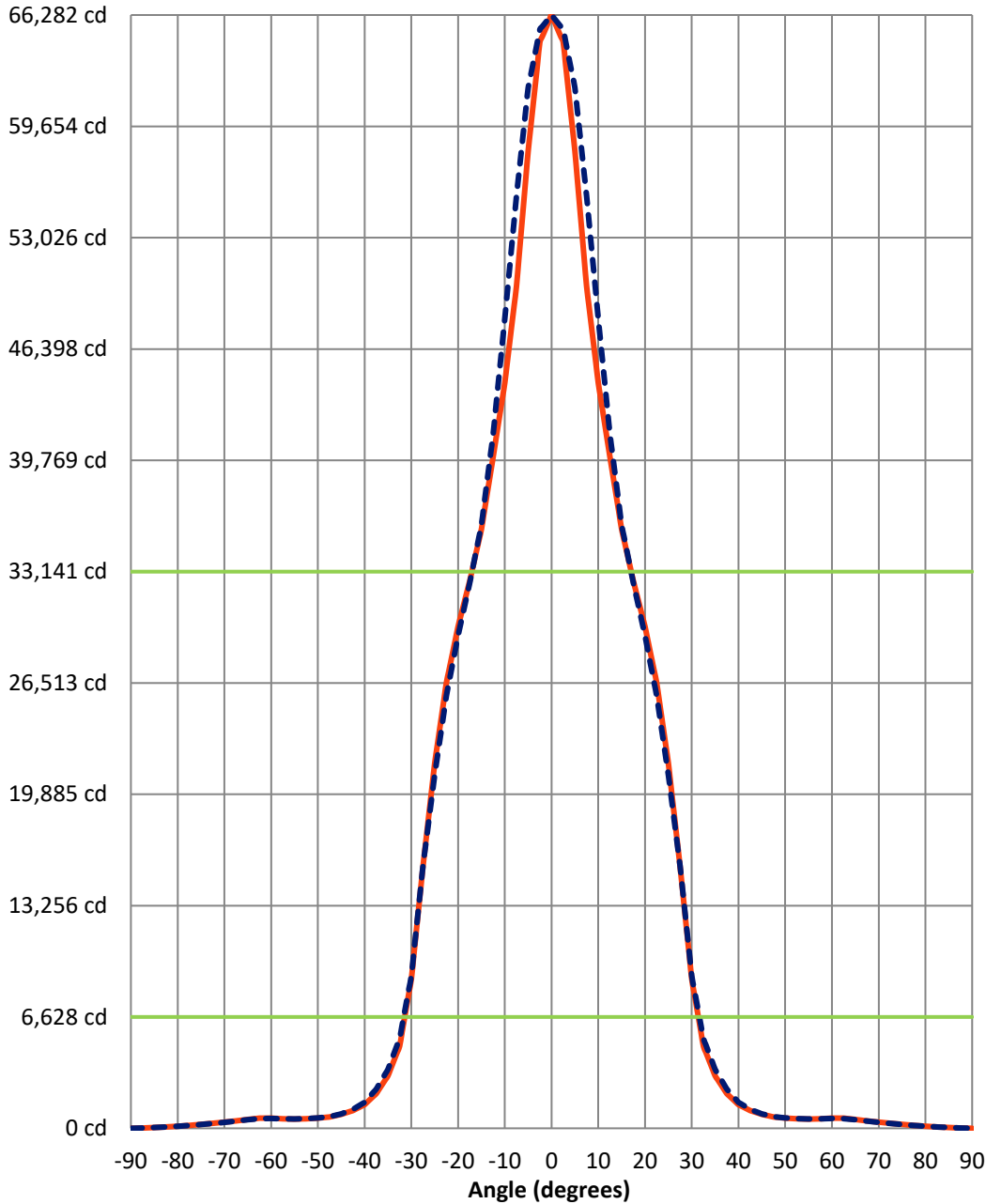
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 34°
 V Angle: 34.1°
 Lumens: 12489.1
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 25525.2
 Efficiency: 87.1%

Spill:
 Lumens: 3796.3
 Efficiency: 12.9%

- 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	0.7	1.5	2.2	2.9	3.7	4.4	5.1	5.8	6.5	7.1
85°	0.0	1.5	2.9	4.4	5.9	7.3	8.7	10.2	11.5	12.9	14.3
82.5°	0.0	2.2	4.4	6.6	8.8	10.9	13.1	15.2	17.6	21.1	24.4
80°	0.0	2.9	5.9	8.8	11.7	14.6	17.8	22.9	27.6	32.0	36.2
77.5°	0.0	3.7	7.3	10.9	14.6	19.1	25.7	31.8	37.6	43.0	48.5
75°	0.0	4.4	8.7	13.1	17.8	25.5	33.4	40.7	47.6	54.9	62.4
72.5°	0.0	5.1	10.2	15.2	22.7	31.7	41.0	49.7	58.2	67.0	76.0
70°	0.0	5.8	11.5	17.6	27.5	37.8	48.5	58.7	68.7	79.1	92.4
67.5°	0.0	6.5	12.9	21.1	32.3	43.9	56.1	67.6	79.1	94.2	109.2
65°	0.0	7.1	14.3	24.5	36.9	50.1	63.6	76.2	92.4	109.2	127.1
62.5°	0.0	7.8	15.6	27.8	41.4	56.4	71.1	86.8	105.5	124.7	147.7
60°	0.0	8.4	16.9	31.1	45.8	62.8	78.4	98.1	118.3	142.9	167.9
57.5°	0.0	9.1	19.0	34.2	50.9	69.0	87.7	109.1	133.5	160.7	188.6
55°	0.0	9.7	21.1	37.3	55.8	75.1	96.9	119.9	149.0	178.3	209.0
52.5°	0.0	10.3	23.1	40.2	60.7	81.3	106.0	132.8	164.0	195.8	228.7
50°	0.0	10.9	25.1	43.1	65.5	88.6	114.7	145.4	178.6	212.5	249.3
47.5°	0.0	11.4	27.0	46.0	70.1	95.6	123.4	157.5	192.7	228.5	269.7
45°	0.0	11.9	28.9	49.4	74.6	102.4	133.2	169.0	206.2	246.4	289.6
42.5°	0.0	12.5	30.6	52.6	78.9	108.9	142.5	180.2	219.2	263.8	310.1
40°	0.0	12.9	32.4	55.8	83.5	115.1	151.3	191.1	232.6	280.7	329.9
37.5°	0.0	13.4	34.0	58.8	88.2	121.0	159.6	201.6	246.8	296.9	348.8
35°	0.0	13.8	35.6	61.6	92.7	127.2	167.4	211.5	260.1	312.7	367.0
32.5°	0.0	14.3	37.1	64.2	96.9	133.3	174.8	220.9	272.6	327.6	384.4
30°	0.0	14.6	38.5	66.6	100.9	138.9	182.3	230.1	284.2	341.6	400.7
27.5°	0.0	15.0	39.8	68.8	104.3	144.1	189.3	239.5	295.2	354.5	415.8
25°	0.0	15.3	41.0	70.7	107.3	148.8	195.7	248.1	305.7	366.7	429.8
22.5°	0.0	15.6	42.2	72.5	110.1	153.0	201.6	255.9	315.3	378.0	443.8
20°	0.0	15.9	43.2	74.0	112.6	156.5	207.0	262.9	323.9	388.2	456.2
17.5°	0.0	16.1	44.2	75.3	114.7	159.6	211.7	269.0	331.5	397.2	467.2
15°	0.0	16.3	45.0	76.4	116.6	162.3	215.8	274.4	338.1	405.0	476.6
12.5°	0.0	16.5	45.8	77.3	118.1	164.5	219.4	279.0	343.6	411.6	484.5
10°	0.0	16.6	46.4	77.9	119.3	166.2	222.3	282.8	347.9	417.6	491.6
7.5°	0.0	16.8	46.9	78.4	120.2	167.6	224.7	285.8	351.1	422.6	498.8
5°	0.0	16.8	47.3	78.7	120.7	168.4	226.3	287.9	353.2	426.4	504.6
2.5°	0.0	16.9	47.6	78.8	121.0	168.8	227.4	289.2	354.3	428.9	508.9
0°	0.0	16.9	47.8	78.7	120.9	168.7	227.7	289.6	354.3	430.2	511.7
-2.5°	0.0	16.9	47.6	78.8	121.0	168.8	227.4	289.2	354.3	428.9	508.9
-5°	0.0	16.8	47.3	78.7	120.7	168.4	226.3	287.9	353.2	426.4	504.6
-7.5°	0.0	16.8	46.9	78.4	120.2	167.6	224.7	285.8	351.1	422.6	498.8
-10°	0.0	16.6	46.4	77.9	119.3	166.2	222.3	282.8	347.9	417.6	491.6
-12.5°	0.0	16.5	45.8	77.3	118.1	164.5	219.4	279.0	343.6	411.6	484.5
-15°	0.0	16.3	45.0	76.4	116.6	162.3	215.8	274.4	338.1	405.0	476.6
-17.5°	0.0	16.1	44.2	75.3	114.7	159.6	211.7	269.0	331.5	397.2	467.2
-20°	0.0	15.9	43.2	74.0	112.6	156.5	207.0	262.9	323.9	388.2	456.2



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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	15.6	42.2	72.5	110.1	153.0	201.6	255.9	315.3	378.0	443.8
-25°	0.0	15.3	41.0	70.7	107.3	148.8	195.7	248.1	305.7	366.7	429.8
-27.5°	0.0	15.0	39.8	68.8	104.3	144.1	189.3	239.5	295.2	354.5	415.8
-30°	0.0	14.6	38.5	66.6	100.9	138.9	182.3	230.1	284.2	341.6	400.7
-32.5°	0.0	14.3	37.1	64.2	96.9	133.3	174.8	220.9	272.6	327.6	384.4
-35°	0.0	13.8	35.6	61.6	92.7	127.2	167.4	211.5	260.1	312.7	367.0
-37.5°	0.0	13.4	34.0	58.8	88.2	121.0	159.6	201.6	246.8	296.9	348.8
-40°	0.0	12.9	32.4	55.8	83.5	115.1	151.3	191.1	232.6	280.7	329.9
-42.5°	0.0	12.5	30.6	52.6	78.9	108.9	142.5	180.2	219.2	263.8	310.1
-45°	0.0	11.9	28.9	49.4	74.6	102.4	133.2	169.0	206.2	246.4	289.6
-47.5°	0.0	11.4	27.0	46.0	70.1	95.6	123.4	157.5	192.7	228.5	269.7
-50°	0.0	10.9	25.1	43.1	65.5	88.6	114.7	145.4	178.6	212.5	249.3
-52.5°	0.0	10.3	23.1	40.2	60.7	81.3	106.0	132.8	164.0	195.8	228.7
-55°	0.0	9.7	21.1	37.3	55.8	75.1	96.9	119.9	149.0	178.3	209.0
-57.5°	0.0	9.1	19.0	34.2	50.9	69.0	87.7	109.1	133.5	160.7	188.6
-60°	0.0	8.4	16.9	31.1	45.8	62.8	78.4	98.1	118.3	142.9	167.9
-62.5°	0.0	7.8	15.6	27.8	41.4	56.4	71.1	86.8	105.5	124.7	147.7
-65°	0.0	7.1	14.3	24.5	36.9	50.1	63.6	76.2	92.4	109.2	127.1
-67.5°	0.0	6.5	12.9	21.1	32.3	43.9	56.1	67.6	79.1	94.2	109.2
-70°	0.0	5.8	11.5	17.6	27.5	37.8	48.5	58.7	68.7	79.1	92.4
-72.5°	0.0	5.1	10.2	15.2	22.7	31.7	41.0	49.7	58.2	67.0	76.0
-75°	0.0	4.4	8.7	13.1	17.8	25.5	33.4	40.7	47.6	54.9	62.4
-77.5°	0.0	3.7	7.3	10.9	14.6	19.1	25.7	31.8	37.6	43.0	48.5
-80°	0.0	2.9	5.9	8.8	11.7	14.6	17.8	22.9	27.6	32.0	36.2
-82.5°	0.0	2.2	4.4	6.6	8.8	10.9	13.1	15.2	17.6	21.1	24.4
-85°	0.0	1.5	2.9	4.4	5.9	7.3	8.7	10.2	11.5	12.9	14.3
-87.5°	0.0	0.7	1.5	2.2	2.9	3.7	4.4	5.1	5.8	6.5	7.1
-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°	7.8	8.4	9.1	9.7	10.3	10.9	11.4	11.9	12.5	12.9	13.4
85°	15.6	16.9	19.0	21.0	22.8	24.5	26.0	27.4	28.9	30.3	31.7
82.5°	27.6	30.9	34.0	37.1	39.5	41.7	43.9	46.9	50.4	53.8	57.0
80°	40.5	44.8	50.0	55.4	60.3	65.0	69.8	74.5	79.2	84.2	89.2
77.5°	55.1	61.9	68.9	76.0	82.8	90.7	98.5	106.3	113.3	119.6	125.3
75°	70.5	79.0	89.2	99.8	109.9	119.8	129.8	140.7	150.3	158.9	167.0
72.5°	87.3	99.6	112.1	124.6	138.5	152.0	165.0	177.6	189.2	199.9	210.7
70°	106.0	120.2	136.8	153.6	169.8	185.3	200.4	214.5	227.9	242.0	257.0
67.5°	125.1	144.6	163.8	182.8	201.8	219.3	235.8	254.1	272.1	289.9	306.9
65°	147.8	169.3	191.5	213.3	234.1	255.2	276.3	297.1	318.4	338.6	357.4
62.5°	170.3	195.3	220.0	244.0	268.6	292.6	317.4	341.9	365.4	390.0	413.5
60°	194.2	221.6	248.5	275.6	303.2	332.0	359.5	388.2	417.1	444.9	471.6
57.5°	217.8	247.5	277.0	307.7	339.8	371.6	404.2	436.4	469.4	501.0	528.6
55°	240.9	272.9	306.0	341.2	376.5	412.9	449.4	486.9	522.4	549.1	574.1
52.5°	264.0	298.4	336.4	374.6	414.0	454.8	497.2	533.4	563.1	585.8	591.3
50°	286.7	326.1	366.2	408.3	451.7	497.8	538.4	571.1	587.8	594.2	590.8
47.5°	310.7	353.0	396.1	441.4	490.0	534.1	572.4	589.1	597.1	588.4	577.7
45°	334.4	379.7	425.4	475.1	523.6	565.4	586.9	598.8	588.1	577.8	570.4
42.5°	357.3	405.8	455.8	507.0	552.1	581.7	595.3	588.5	579.3	571.3	574.0
40°	380.0	430.8	485.6	533.7	574.4	589.5	587.2	578.8	573.4	576.9	588.4
37.5°	401.8	457.2	513.0	559.6	581.6	587.7	577.7	572.2	576.2	589.5	614.9
35°	422.5	482.4	535.6	574.6	589.4	579.1	571.8	570.9	586.0	613.0	650.7
32.5°	443.4	506.5	556.8	581.3	583.7	572.2	566.7	579.6	603.3	639.0	702.3
30°	463.8	525.0	572.3	587.2	577.0	568.1	571.2	589.8	622.1	681.3	783.6
27.5°	482.3	541.7	577.4	584.5	571.3	563.9	577.8	605.8	652.7	731.6	877.8
25°	499.3	556.9	581.8	579.1	567.5	566.6	585.6	620.2	684.7	812.4	1012.7
22.5°	513.2	570.8	586.0	574.1	563.6	571.2	597.7	645.6	732.1	888.6	1153.4
20°	524.6	574.2	585.2	569.3	559.9	574.9	608.4	670.7	795.8	1007.9	1311.9
17.5°	534.9	577.3	581.2	566.2	562.1	580.8	619.7	693.0	852.4	1110.4	1464.1
15°	544.0	580.0	577.5	563.5	564.9	588.7	638.0	735.1	920.3	1207.0	1600.8
12.5°	551.9	582.3	573.9	561.3	566.9	595.3	653.5	773.5	987.4	1311.7	1820.1
10°	558.5	584.2	570.6	559.4	568.3	600.5	666.1	803.7	1038.9	1400.6	2004.1
7.5°	564.6	585.7	567.9	557.9	569.0	604.3	675.7	825.9	1075.7	1471.8	2141.7
5°	569.2	586.8	566.3	557.2	571.0	608.6	682.8	840.3	1098.1	1523.8	2233.8
2.5°	572.1	587.4	565.4	556.8	573.9	614.2	688.8	852.5	1118.0	1549.5	2299.4
0°	573.6	587.6	565.1	556.7	576.4	618.5	691.6	857.5	1127.4	1549.2	2339.2
-2.5°	572.1	587.4	565.4	556.8	573.9	614.2	688.8	852.5	1118.0	1549.5	2299.4
-5°	569.2	586.8	566.3	557.2	571.0	608.6	682.8	840.3	1098.1	1523.8	2233.8
-7.5°	564.6	585.7	567.9	557.9	569.0	604.3	675.7	825.9	1075.7	1471.8	2141.7
-10°	558.5	584.2	570.6	559.4	568.3	600.5	666.1	803.7	1038.9	1400.6	2004.1
-12.5°	551.9	582.3	573.9	561.3	566.9	595.3	653.5	773.5	987.4	1311.7	1820.1
-15°	544.0	580.0	577.5	563.5	564.9	588.7	638.0	735.1	920.3	1207.0	1600.8
-17.5°	534.9	577.3	581.2	566.2	562.1	580.8	619.7	693.0	852.4	1110.4	1464.1
-20°	524.6	574.2	585.2	569.3	559.9	574.9	608.4	670.7	795.8	1007.9	1311.9



REPORT NUMBER: P559124 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-940-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	513.2	570.8	586.0	574.1	563.6	571.2	597.7	645.6	732.1	888.6	1153.4
-25°	499.3	556.9	581.8	579.1	567.5	566.6	585.6	620.2	684.7	812.4	1012.7
-27.5°	482.3	541.7	577.4	584.5	571.3	563.9	577.8	605.8	652.7	731.6	877.8
-30°	463.8	525.0	572.3	587.2	577.0	568.1	571.2	589.8	622.1	681.3	783.6
-32.5°	443.4	506.5	556.8	581.3	583.7	572.2	566.7	579.6	603.3	639.0	702.3
-35°	422.5	482.4	535.6	574.6	589.4	579.1	571.8	570.9	586.0	613.0	650.7
-37.5°	401.8	457.2	513.0	559.6	581.6	587.7	577.7	572.2	576.2	589.5	614.9
-40°	380.0	430.8	485.6	533.7	574.4	589.5	587.2	578.8	573.4	576.9	588.4
-42.5°	357.3	405.8	455.8	507.0	552.1	581.7	595.3	588.5	579.3	571.3	574.0
-45°	334.4	379.7	425.4	475.1	523.6	565.4	586.9	598.8	588.1	577.8	570.4
-47.5°	310.7	353.0	396.1	441.4	490.0	534.1	572.4	589.1	597.1	588.4	577.7
-50°	286.7	326.1	366.2	408.3	451.7	497.8	538.4	571.1	587.8	594.2	590.8
-52.5°	264.0	298.4	336.4	374.6	414.0	454.8	497.2	533.4	563.1	585.8	591.3
-55°	240.9	272.9	306.0	341.2	376.5	412.9	449.4	486.9	522.4	549.1	574.1
-57.5°	217.8	247.5	277.0	307.7	339.8	371.6	404.2	436.4	469.4	501.0	528.6
-60°	194.2	221.6	248.5	275.6	303.2	332.0	359.5	388.2	417.1	444.9	471.6
-62.5°	170.3	195.3	220.0	244.0	268.6	292.6	317.4	341.9	365.4	390.0	413.5
-65°	147.8	169.3	191.5	213.3	234.1	255.2	276.3	297.1	318.4	338.6	357.4
-67.5°	125.1	144.6	163.8	182.8	201.8	219.3	235.8	254.1	272.1	289.9	306.9
-70°	106.0	120.2	136.8	153.6	169.8	185.3	200.4	214.5	227.9	242.0	257.0
-72.5°	87.3	99.6	112.1	124.6	138.5	152.0	165.0	177.6	189.2	199.9	210.7
-75°	70.5	79.0	89.2	99.8	109.9	119.8	129.8	140.7	150.3	158.9	167.0
-77.5°	55.1	61.9	68.9	76.0	82.8	90.7	98.5	106.3	113.3	119.6	125.3
-80°	40.5	44.8	50.0	55.4	60.3	65.0	69.8	74.5	79.2	84.2	89.2
-82.5°	27.6	30.9	34.0	37.1	39.5	41.7	43.9	46.9	50.4	53.8	57.0
-85°	15.6	16.9	19.0	21.0	22.8	24.5	26.0	27.4	28.9	30.3	31.7
-87.5°	7.8	8.4	9.1	9.7	10.3	10.9	11.4	11.9	12.5	12.9	13.4
-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: P559124 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-940-U-MR-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°	13.8	13.7	13.4	13.1	12.8	13.0	13.2	13.4	13.6	14.4	15.3
85°	33.0	34.5	36.0	37.6	39.2	40.3	41.3	42.1	42.9	43.6	44.1
82.5°	60.1	63.3	66.2	68.8	71.2	73.1	74.9	76.4	77.7	78.9	79.8
80°	93.7	97.9	101.6	104.9	107.8	110.3	112.4	114.2	115.5	118.3	121.0
77.5°	131.2	137.0	142.4	147.4	151.9	156.3	160.4	164.1	167.4	169.9	171.7
75°	174.6	182.0	189.4	196.3	202.5	208.9	215.1	220.8	226.0	229.4	231.9
72.5°	221.4	231.4	240.3	249.0	256.7	264.6	272.3	279.3	285.4	290.1	293.9
70°	271.3	284.2	294.8	304.6	314.3	324.1	333.6	341.9	349.1	355.0	359.8
67.5°	323.1	337.9	351.2	364.0	376.9	389.0	400.6	411.3	421.2	428.7	433.7
65°	376.0	395.1	412.5	428.4	442.7	456.3	470.8	484.1	496.1	506.0	513.6
62.5°	435.8	457.4	477.1	494.9	510.8	523.6	537.3	549.8	561.1	571.4	581.8
60°	497.0	521.1	538.5	553.5	567.3	579.6	584.3	588.9	592.7	596.1	600.2
57.5°	550.4	571.1	586.0	589.4	592.5	595.1	593.4	588.6	583.6	578.6	574.7
55°	587.7	593.5	600.1	595.0	586.8	579.1	572.4	567.6	563.3	559.3	555.9
52.5°	597.6	591.9	585.0	577.4	571.7	565.8	559.9	561.0	562.8	564.1	564.8
50°	583.0	576.4	572.6	568.3	569.1	572.0	574.4	579.9	586.9	591.7	595.9
47.5°	571.8	567.5	573.1	580.2	586.9	598.9	609.6	620.2	636.5	649.4	659.7
45°	568.7	579.4	590.4	607.9	623.2	649.8	674.8	695.7	734.5	770.1	798.0
42.5°	584.8	603.1	623.1	657.1	693.7	740.8	801.1	852.2	912.0	967.7	1008.1
40°	611.4	638.3	683.3	737.9	823.6	899.8	999.8	1085.3	1165.7	1250.9	1314.9
37.5°	649.5	699.8	784.0	882.3	1012.2	1137.0	1274.9	1408.7	1522.8	1695.4	1830.4
35°	706.2	808.1	927.6	1091.7	1261.4	1452.7	1654.3	1914.0	2142.7	2411.0	2663.2
32.5°	809.4	947.4	1134.7	1356.7	1582.3	1912.3	2223.7	2645.7	3024.9	3498.2	4007.1
30°	930.2	1136.1	1387.9	1677.7	2086.1	2540.2	3052.1	3699.4	4468.5	5384.3	6613.3
27.5°	1096.8	1361.2	1677.8	2147.7	2727.0	3335.5	4243.3	5331.2	7314.1	9042.0	11332.1
25°	1276.1	1598.9	2099.9	2731.2	3493.6	4589.4	6364.0	8628.0	11834.8	14901.1	17352.4
22.5°	1482.8	1954.5	2586.8	3372.6	4606.5	6727.9	9483.3	13470.4	17046.3	20138.9	22520.7
20°	1711.6	2303.4	3153.1	4353.8	6455.2	9562.2	13985.5	18077.4	21729.6	24392.0	26496.4
17.5°	2008.0	2781.0	3859.2	5516.1	8741.3	13529.0	18089.1	22133.6	25311.4	27650.5	29516.1
15°	2284.8	3220.7	4618.0	7444.9	11847.0	16964.1	21638.3	25246.2	27996.2	30172.8	31850.2
12.5°	2611.4	3714.7	5505.1	9111.3	14702.8	19798.1	24158.2	27527.2	30175.4	32215.7	34463.7
10°	2902.4	4246.0	6776.0	11331.9	17048.0	22025.4	26259.4	29287.1	31942.6	34601.5	37972.3
7.5°	3142.6	4692.0	7818.3	13205.5	18848.5	23672.9	27530.2	30555.4	33482.1	37033.1	41895.0
5°	3333.4	5028.3	8675.7	14619.9	20157.4	24848.7	28500.7	31567.1	34872.8	39623.2	46147.9
2.5°	3461.0	5248.7	9211.7	15474.5	20983.3	25523.1	29220.1	32228.9	35694.8	41073.3	47889.9
0°	3511.6	5350.4	9075.7	15629.4	21033.3	25742.6	29327.3	32476.3	35928.9	41315.8	48209.8
-2.5°	3461.0	5248.7	9211.7	15474.5	20983.3	25523.1	29220.1	32228.9	35694.8	41073.3	47889.9
-5°	3333.4	5028.3	8675.7	14619.9	20157.4	24848.7	28500.7	31567.1	34872.8	39623.2	46147.9
-7.5°	3142.6	4692.0	7818.3	13205.5	18848.5	23672.9	27530.2	30555.4	33482.1	37033.1	41895.0
-10°	2902.4	4246.0	6776.0	11331.9	17048.0	22025.4	26259.4	29287.1	31942.6	34601.5	37972.3
-12.5°	2611.4	3714.7	5505.1	9111.3	14702.8	19798.1	24158.2	27527.2	30175.4	32215.7	34463.7
-15°	2284.8	3220.7	4618.0	7444.9	11847.0	16964.1	21638.3	25246.2	27996.2	30172.8	31850.2
-17.5°	2008.0	2781.0	3859.2	5516.1	8741.3	13529.0	18089.1	22133.6	25311.4	27650.5	29516.1
-20°	1711.6	2303.4	3153.1	4353.8	6455.2	9562.2	13985.5	18077.4	21729.6	24392.0	26496.4



REPORT NUMBER: P559124 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-940-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1482.8	1954.5	2586.8	3372.6	4606.5	6727.9	9483.3	13470.4	17046.3	20138.9	22520.7
-25°	1276.1	1598.9	2099.9	2731.2	3493.6	4589.4	6364.0	8628.0	11834.8	14901.1	17352.4
-27.5°	1096.8	1361.2	1677.8	2147.7	2727.0	3335.5	4243.3	5331.2	7314.1	9042.0	11332.1
-30°	930.2	1136.1	1387.9	1677.7	2086.1	2540.2	3052.1	3699.4	4468.5	5384.3	6613.3
-32.5°	809.4	947.4	1134.7	1356.7	1582.3	1912.3	2223.7	2645.7	3024.9	3498.2	4007.1
-35°	706.2	808.1	927.6	1091.7	1261.4	1452.7	1654.3	1914.0	2142.7	2411.0	2663.2
-37.5°	649.5	699.8	784.0	882.3	1012.2	1137.0	1274.9	1408.7	1522.8	1695.4	1830.4
-40°	611.4	638.3	683.3	737.9	823.6	899.8	999.8	1085.3	1165.7	1250.9	1314.9
-42.5°	584.8	603.1	623.1	657.1	693.7	740.8	801.1	852.2	912.0	967.7	1008.1
-45°	568.7	579.4	590.4	607.9	623.2	649.8	674.8	695.7	734.5	770.1	798.0
-47.5°	571.8	567.5	573.1	580.2	586.9	598.9	609.6	620.2	636.5	649.4	659.7
-50°	583.0	576.4	572.6	568.3	569.1	572.0	574.4	579.9	586.9	591.7	595.9
-52.5°	597.6	591.9	585.0	577.4	571.7	565.8	559.9	561.0	562.8	564.1	564.8
-55°	587.7	593.5	600.1	595.0	586.8	579.1	572.4	567.6	563.3	559.3	555.9
-57.5°	550.4	571.1	586.0	589.4	592.5	595.1	593.4	588.6	583.6	578.6	574.7
-60°	497.0	521.1	538.5	553.5	567.3	579.6	584.3	588.9	592.7	596.1	600.2
-62.5°	435.8	457.4	477.1	494.9	510.8	523.6	537.3	549.8	561.1	571.4	581.8
-65°	376.0	395.1	412.5	428.4	442.7	456.3	470.8	484.1	496.1	506.0	513.6
-67.5°	323.1	337.9	351.2	364.0	376.9	389.0	400.6	411.3	421.2	428.7	433.7
-70°	271.3	284.2	294.8	304.6	314.3	324.1	333.6	341.9	349.1	355.0	359.8
-72.5°	221.4	231.4	240.3	249.0	256.7	264.6	272.3	279.3	285.4	290.1	293.9
-75°	174.6	182.0	189.4	196.3	202.5	208.9	215.1	220.8	226.0	229.4	231.9
-77.5°	131.2	137.0	142.4	147.4	151.9	156.3	160.4	164.1	167.4	169.9	171.7
-80°	93.7	97.9	101.6	104.9	107.8	110.3	112.4	114.2	115.5	118.3	121.0
-82.5°	60.1	63.3	66.2	68.8	71.2	73.1	74.9	76.4	77.7	78.9	79.8
-85°	33.0	34.5	36.0	37.6	39.2	40.3	41.3	42.1	42.9	43.6	44.1
-87.5°	13.8	13.7	13.4	13.1	12.8	13.0	13.2	13.4	13.6	14.4	15.3
-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: P559124 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-940-U-MR-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°	16.1	16.8	16.9	16.9	16.9	16.8	16.1	15.3	14.4	13.6	13.4
85°	44.5	44.8	46.3	47.8	46.3	44.8	44.5	44.1	43.6	42.9	42.1
82.5°	80.6	81.1	81.4	81.5	81.4	81.1	80.6	79.8	78.9	77.7	76.4
80°	123.5	125.8	125.0	123.7	125.0	125.8	123.5	121.0	118.3	115.5	114.2
77.5°	172.9	173.4	172.7	171.5	172.7	173.4	172.9	171.7	169.9	167.4	164.1
75°	233.7	234.8	235.8	236.2	235.8	234.8	233.7	231.9	229.4	226.0	220.8
72.5°	296.9	299.0	299.0	298.0	299.0	299.0	296.9	293.9	290.1	285.4	279.3
70°	363.5	366.2	367.8	368.3	367.8	366.2	363.5	359.8	355.0	349.1	341.9
67.5°	437.1	439.0	440.7	441.4	440.7	439.0	437.1	433.7	428.7	421.2	411.3
65°	520.0	524.9	526.5	525.8	526.5	524.9	520.0	513.6	506.0	496.1	484.1
62.5°	591.4	600.0	603.6	604.5	603.6	600.0	591.4	581.8	571.4	561.1	549.8
60°	603.6	606.5	607.3	607.3	607.3	606.5	603.6	600.2	596.1	592.7	588.9
57.5°	570.9	567.6	565.7	565.1	565.7	567.6	570.9	574.7	578.6	583.6	588.6
55°	552.8	549.9	548.6	548.3	548.6	549.9	552.8	555.9	559.3	563.3	567.6
52.5°	565.1	564.7	565.8	567.9	565.8	564.7	565.1	564.8	564.1	562.8	561.0
50°	599.6	602.1	604.8	607.3	604.8	602.1	599.6	595.9	591.7	586.9	579.9
47.5°	667.2	671.1	673.4	674.8	673.4	671.1	667.2	659.7	649.4	636.5	620.2
45°	816.2	826.0	830.7	832.2	830.7	826.0	816.2	798.0	770.1	734.5	695.7
42.5°	1034.9	1049.6	1055.9	1057.1	1055.9	1049.6	1034.9	1008.1	967.7	912.0	852.2
40°	1360.8	1387.0	1399.6	1408.6	1399.6	1387.0	1360.8	1314.9	1250.9	1165.7	1085.3
37.5°	1931.5	1997.1	2034.3	2066.5	2034.3	1997.1	1931.5	1830.4	1695.4	1522.8	1408.7
35°	2868.4	3018.7	3107.2	3126.5	3107.2	3018.7	2868.4	2663.2	2411.0	2142.7	1914.0
32.5°	4398.9	4693.8	4870.1	4892.1	4870.1	4693.8	4398.9	4007.1	3498.2	3024.9	2645.7
30°	7567.2	8393.4	8959.6	8881.7	8959.6	8393.4	7567.2	6613.3	5384.3	4468.5	3699.4
27.5°	13208.2	14706.4	15679.5	15598.5	15679.5	14706.4	13208.2	11332.1	9042.0	7314.1	5331.2
25°	19237.0	20616.0	21430.0	21730.5	21430.0	20616.0	19237.0	17352.4	14901.1	11834.8	8628.0
22.5°	24160.2	25393.0	26097.1	26518.6	26097.1	25393.0	24160.2	22520.7	20138.9	17046.3	13470.4
20°	27932.3	29001.5	29607.1	29867.2	29607.1	29001.5	27932.3	26496.4	24392.0	21729.6	18077.4
17.5°	30834.3	31729.3	32415.0	32591.6	32415.0	31729.3	30834.3	29516.1	27650.5	25311.4	22133.6
15°	33401.2	34557.3	35365.9	35667.4	35365.9	34557.3	33401.2	31850.2	30172.8	27996.2	25246.2
12.5°	36638.0	38648.4	39717.1	39963.5	39717.1	38648.4	36638.0	34463.7	32215.7	30175.4	27527.2
10°	41422.3	44512.4	44862.5	44383.2	44862.5	44512.4	41422.3	37972.3	34601.5	31942.6	29287.1
7.5°	48390.1	52510.5	51619.5	50135.7	51619.5	52510.5	48390.1	41895.0	37033.1	33482.1	30555.4
5°	53376.4	59097.0	59274.7	58185.2	59274.7	59097.0	53376.4	46147.9	39623.2	34872.8	31567.1
2.5°	55361.4	61250.3	64181.2	64661.6	64181.2	61250.3	55361.4	47889.9	41073.3	35694.8	32228.9
0°	55510.0	61944.2	65419.3	66282.4	65419.3	61944.2	55510.0	48209.8	41315.8	35928.9	32476.3
-2.5°	55361.4	61250.3	64181.2	64661.6	64181.2	61250.3	55361.4	47889.9	41073.3	35694.8	32228.9
-5°	53376.4	59097.0	59274.7	58185.2	59274.7	59097.0	53376.4	46147.9	39623.2	34872.8	31567.1
-7.5°	48390.1	52510.5	51619.5	50135.7	51619.5	52510.5	48390.1	41895.0	37033.1	33482.1	30555.4
-10°	41422.3	44512.4	44862.5	44383.2	44862.5	44512.4	41422.3	37972.3	34601.5	31942.6	29287.1
-12.5°	36638.0	38648.4	39717.1	39963.5	39717.1	38648.4	36638.0	34463.7	32215.7	30175.4	27527.2
-15°	33401.2	34557.3	35365.9	35667.4	35365.9	34557.3	33401.2	31850.2	30172.8	27996.2	25246.2
-17.5°	30834.3	31729.3	32415.0	32591.6	32415.0	31729.3	30834.3	29516.1	27650.5	25311.4	22133.6
-20°	27932.3	29001.5	29607.1	29867.2	29607.1	29001.5	27932.3	26496.4	24392.0	21729.6	18077.4



REPORT NUMBER: P559124 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-940-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	24160.2	25393.0	26097.1	26518.6	26097.1	25393.0	24160.2	22520.7	20138.9	17046.3	13470.4
-25°	19237.0	20616.0	21430.0	21730.5	21430.0	20616.0	19237.0	17352.4	14901.1	11834.8	8628.0
-27.5°	13208.2	14706.4	15679.5	15598.5	15679.5	14706.4	13208.2	11332.1	9042.0	7314.1	5331.2
-30°	7567.2	8393.4	8959.6	8881.7	8959.6	8393.4	7567.2	6613.3	5384.3	4468.5	3699.4
-32.5°	4398.9	4693.8	4870.1	4892.1	4870.1	4693.8	4398.9	4007.1	3498.2	3024.9	2645.7
-35°	2868.4	3018.7	3107.2	3126.5	3107.2	3018.7	2868.4	2663.2	2411.0	2142.7	1914.0
-37.5°	1931.5	1997.1	2034.3	2066.5	2034.3	1997.1	1931.5	1830.4	1695.4	1522.8	1408.7
-40°	1360.8	1387.0	1399.6	1408.6	1399.6	1387.0	1360.8	1314.9	1250.9	1165.7	1085.3
-42.5°	1034.9	1049.6	1055.9	1057.1	1055.9	1049.6	1034.9	1008.1	967.7	912.0	852.2
-45°	816.2	826.0	830.7	832.2	830.7	826.0	816.2	798.0	770.1	734.5	695.7
-47.5°	667.2	671.1	673.4	674.8	673.4	671.1	667.2	659.7	649.4	636.5	620.2
-50°	599.6	602.1	604.8	607.3	604.8	602.1	599.6	595.9	591.7	586.9	579.9
-52.5°	565.1	564.7	565.8	567.9	565.8	564.7	565.1	564.8	564.1	562.8	561.0
-55°	552.8	549.9	548.6	548.3	548.6	549.9	552.8	555.9	559.3	563.3	567.6
-57.5°	570.9	567.6	565.7	565.1	565.7	567.6	570.9	574.7	578.6	583.6	588.6
-60°	603.6	606.5	607.3	607.3	607.3	606.5	603.6	600.2	596.1	592.7	588.9
-62.5°	591.4	600.0	603.6	604.5	603.6	600.0	591.4	581.8	571.4	561.1	549.8
-65°	520.0	524.9	526.5	525.8	526.5	524.9	520.0	513.6	506.0	496.1	484.1
-67.5°	437.1	439.0	440.7	441.4	440.7	439.0	437.1	433.7	428.7	421.2	411.3
-70°	363.5	366.2	367.8	368.3	367.8	366.2	363.5	359.8	355.0	349.1	341.9
-72.5°	296.9	299.0	299.0	298.0	299.0	299.0	296.9	293.9	290.1	285.4	279.3
-75°	233.7	234.8	235.8	236.2	235.8	234.8	233.7	231.9	229.4	226.0	220.8
-77.5°	172.9	173.4	172.7	171.5	172.7	173.4	172.9	171.7	169.9	167.4	164.1
-80°	123.5	125.8	125.0	123.7	125.0	125.8	123.5	121.0	118.3	115.5	114.2
-82.5°	80.6	81.1	81.4	81.5	81.4	81.1	80.6	79.8	78.9	77.7	76.4
-85°	44.5	44.8	46.3	47.8	46.3	44.8	44.5	44.1	43.6	42.9	42.1
-87.5°	16.1	16.8	16.9	16.9	16.9	16.8	16.1	15.3	14.4	13.6	13.4
-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: P559124 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-940-U-MR-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°	13.2	13.0	12.8	13.1	13.4	13.7	13.8	13.4	12.9	12.5	11.9
85°	41.3	40.3	39.2	37.6	36.0	34.5	33.0	31.7	30.3	28.9	27.4
82.5°	74.9	73.1	71.2	68.8	66.2	63.3	60.1	57.0	53.8	50.4	46.9
80°	112.4	110.3	107.8	104.9	101.6	97.9	93.7	89.2	84.2	79.2	74.5
77.5°	160.4	156.3	151.9	147.4	142.4	137.0	131.2	125.3	119.6	113.3	106.3
75°	215.1	208.9	202.5	196.3	189.4	182.0	174.6	167.0	158.9	150.3	140.7
72.5°	272.3	264.6	256.7	249.0	240.3	231.4	221.4	210.7	199.9	189.2	177.6
70°	333.6	324.1	314.3	304.6	294.8	284.2	271.3	257.0	242.0	227.9	214.5
67.5°	400.6	389.0	376.9	364.0	351.2	337.9	323.1	306.9	289.9	272.1	254.1
65°	470.8	456.3	442.7	428.4	412.5	395.1	376.0	357.4	338.6	318.4	297.1
62.5°	537.3	523.6	510.8	494.9	477.1	457.4	435.8	413.5	390.0	365.4	341.9
60°	584.3	579.6	567.3	553.5	538.5	521.1	497.0	471.6	444.9	417.1	388.2
57.5°	593.4	595.1	592.5	589.4	586.0	571.1	550.4	528.6	501.0	469.4	436.4
55°	572.4	579.1	586.8	595.0	600.1	593.5	587.7	574.1	549.1	522.4	486.9
52.5°	559.9	565.8	571.7	577.4	585.0	591.9	597.6	591.3	585.8	563.1	533.4
50°	574.4	572.0	569.1	568.3	572.6	576.4	583.0	590.8	594.2	587.8	571.1
47.5°	609.6	598.9	586.9	580.2	573.1	567.5	571.8	577.7	588.4	597.1	589.1
45°	674.8	649.8	623.2	607.9	590.4	579.4	568.7	570.4	577.8	588.1	598.8
42.5°	801.1	740.8	693.7	657.1	623.1	603.1	584.8	574.0	571.3	579.3	588.5
40°	999.8	899.8	823.6	737.9	683.3	638.3	611.4	588.4	576.9	573.4	578.8
37.5°	1274.9	1137.0	1012.2	882.3	784.0	699.8	649.5	614.9	589.5	576.2	572.2
35°	1654.3	1452.7	1261.4	1091.7	927.6	808.1	706.2	650.7	613.0	586.0	570.9
32.5°	2223.7	1912.3	1582.3	1356.7	1134.7	947.4	809.4	702.3	639.0	603.3	579.6
30°	3052.1	2540.2	2086.1	1677.7	1387.9	1136.1	930.2	783.6	681.3	622.1	589.8
27.5°	4243.3	3335.5	2727.0	2147.7	1677.8	1361.2	1096.8	877.8	731.6	652.7	605.8
25°	6364.0	4589.4	3493.6	2731.2	2099.9	1598.9	1276.1	1012.7	812.4	684.7	620.2
22.5°	9483.3	6727.9	4606.5	3372.6	2586.8	1954.5	1482.8	1153.4	888.6	732.1	645.6
20°	13985.5	9562.2	6455.2	4353.8	3153.1	2303.4	1711.6	1311.9	1007.9	795.8	670.7
17.5°	18089.1	13529.0	8741.3	5516.1	3859.2	2781.0	2008.0	1464.1	1110.4	852.4	693.0
15°	21638.3	16964.1	11847.0	7444.9	4618.0	3220.7	2284.8	1600.8	1207.0	920.3	735.1
12.5°	24158.2	19798.1	14702.8	9111.3	5505.1	3714.7	2611.4	1820.1	1311.7	987.4	773.5
10°	26259.4	22025.4	17048.0	11331.9	6776.0	4246.0	2902.4	2004.1	1400.6	1038.9	803.7
7.5°	27530.2	23672.9	18848.5	13205.5	7818.3	4692.0	3142.6	2141.7	1471.8	1075.7	825.9
5°	28500.7	24848.7	20157.4	14619.9	8675.7	5028.3	3333.4	2233.8	1523.8	1098.1	840.3
2.5°	29220.1	25523.1	20983.3	15474.5	9211.7	5248.7	3461.0	2299.4	1549.5	1118.0	852.5
0°	29327.3	25742.6	21033.3	15629.4	9075.7	5350.4	3511.6	2339.2	1549.2	1127.4	857.5
-2.5°	29220.1	25523.1	20983.3	15474.5	9211.7	5248.7	3461.0	2299.4	1549.5	1118.0	852.5
-5°	28500.7	24848.7	20157.4	14619.9	8675.7	5028.3	3333.4	2233.8	1523.8	1098.1	840.3
-7.5°	27530.2	23672.9	18848.5	13205.5	7818.3	4692.0	3142.6	2141.7	1471.8	1075.7	825.9
-10°	26259.4	22025.4	17048.0	11331.9	6776.0	4246.0	2902.4	2004.1	1400.6	1038.9	803.7
-12.5°	24158.2	19798.1	14702.8	9111.3	5505.1	3714.7	2611.4	1820.1	1311.7	987.4	773.5
-15°	21638.3	16964.1	11847.0	7444.9	4618.0	3220.7	2284.8	1600.8	1207.0	920.3	735.1
-17.5°	18089.1	13529.0	8741.3	5516.1	3859.2	2781.0	2008.0	1464.1	1110.4	852.4	693.0
-20°	13985.5	9562.2	6455.2	4353.8	3153.1	2303.4	1711.6	1311.9	1007.9	795.8	670.7



REPORT NUMBER: P559124 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-940-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9483.3	6727.9	4606.5	3372.6	2586.8	1954.5	1482.8	1153.4	888.6	732.1	645.6
-25°	6364.0	4589.4	3493.6	2731.2	2099.9	1598.9	1276.1	1012.7	812.4	684.7	620.2
-27.5°	4243.3	3335.5	2727.0	2147.7	1677.8	1361.2	1096.8	877.8	731.6	652.7	605.8
-30°	3052.1	2540.2	2086.1	1677.7	1387.9	1136.1	930.2	783.6	681.3	622.1	589.8
-32.5°	2223.7	1912.3	1582.3	1356.7	1134.7	947.4	809.4	702.3	639.0	603.3	579.6
-35°	1654.3	1452.7	1261.4	1091.7	927.6	808.1	706.2	650.7	613.0	586.0	570.9
-37.5°	1274.9	1137.0	1012.2	882.3	784.0	699.8	649.5	614.9	589.5	576.2	572.2
-40°	999.8	899.8	823.6	737.9	683.3	638.3	611.4	588.4	576.9	573.4	578.8
-42.5°	801.1	740.8	693.7	657.1	623.1	603.1	584.8	574.0	571.3	579.3	588.5
-45°	674.8	649.8	623.2	607.9	590.4	579.4	568.7	570.4	577.8	588.1	598.8
-47.5°	609.6	598.9	586.9	580.2	573.1	567.5	571.8	577.7	588.4	597.1	589.1
-50°	574.4	572.0	569.1	568.3	572.6	576.4	583.0	590.8	594.2	587.8	571.1
-52.5°	559.9	565.8	571.7	577.4	585.0	591.9	597.6	591.3	585.8	563.1	533.4
-55°	572.4	579.1	586.8	595.0	600.1	593.5	587.7	574.1	549.1	522.4	486.9
-57.5°	593.4	595.1	592.5	589.4	586.0	571.1	550.4	528.6	501.0	469.4	436.4
-60°	584.3	579.6	567.3	553.5	538.5	521.1	497.0	471.6	444.9	417.1	388.2
-62.5°	537.3	523.6	510.8	494.9	477.1	457.4	435.8	413.5	390.0	365.4	341.9
-65°	470.8	456.3	442.7	428.4	412.5	395.1	376.0	357.4	338.6	318.4	297.1
-67.5°	400.6	389.0	376.9	364.0	351.2	337.9	323.1	306.9	289.9	272.1	254.1
-70°	333.6	324.1	314.3	304.6	294.8	284.2	271.3	257.0	242.0	227.9	214.5
-72.5°	272.3	264.6	256.7	249.0	240.3	231.4	221.4	210.7	199.9	189.2	177.6
-75°	215.1	208.9	202.5	196.3	189.4	182.0	174.6	167.0	158.9	150.3	140.7
-77.5°	160.4	156.3	151.9	147.4	142.4	137.0	131.2	125.3	119.6	113.3	106.3
-80°	112.4	110.3	107.8	104.9	101.6	97.9	93.7	89.2	84.2	79.2	74.5
-82.5°	74.9	73.1	71.2	68.8	66.2	63.3	60.1	57.0	53.8	50.4	46.9
-85°	41.3	40.3	39.2	37.6	36.0	34.5	33.0	31.7	30.3	28.9	27.4
-87.5°	13.2	13.0	12.8	13.1	13.4	13.7	13.8	13.4	12.9	12.5	11.9
-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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 CATALOG NUMBER: GFLD-SA5E-940-U-MR-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°	11.4	10.9	10.3	9.7	9.1	8.4	7.8	7.1	6.5	5.8	5.1
85°	26.0	24.5	22.8	21.0	19.0	16.9	15.6	14.3	12.9	11.5	10.2
82.5°	43.9	41.7	39.5	37.1	34.0	30.9	27.6	24.4	21.1	17.6	15.2
80°	69.8	65.0	60.3	55.4	50.0	44.8	40.5	36.2	32.0	27.6	22.9
77.5°	98.5	90.7	82.8	76.0	68.9	61.9	55.1	48.5	43.0	37.6	31.8
75°	129.8	119.8	109.9	99.8	89.2	79.0	70.5	62.4	54.9	47.6	40.7
72.5°	165.0	152.0	138.5	124.6	112.1	99.6	87.3	76.0	67.0	58.2	49.7
70°	200.4	185.3	169.8	153.6	136.8	120.2	106.0	92.4	79.1	68.7	58.7
67.5°	235.8	219.3	201.8	182.8	163.8	144.6	125.1	109.2	94.2	79.1	67.6
65°	276.3	255.2	234.1	213.3	191.5	169.3	147.8	127.1	109.2	92.4	76.2
62.5°	317.4	292.6	268.6	244.0	220.0	195.3	170.3	147.7	124.7	105.5	86.8
60°	359.5	332.0	303.2	275.6	248.5	221.6	194.2	167.9	142.9	118.3	98.1
57.5°	404.2	371.6	339.8	307.7	277.0	247.5	217.8	188.6	160.7	133.5	109.1
55°	449.4	412.9	376.5	341.2	306.0	272.9	240.9	209.0	178.3	149.0	119.9
52.5°	497.2	454.8	414.0	374.6	336.4	298.4	264.0	228.7	195.8	164.0	132.8
50°	538.4	497.8	451.7	408.3	366.2	326.1	286.7	249.3	212.5	178.6	145.4
47.5°	572.4	534.1	490.0	441.4	396.1	353.0	310.7	269.7	228.5	192.7	157.5
45°	586.9	565.4	523.6	475.1	425.4	379.7	334.4	289.6	246.4	206.2	169.0
42.5°	595.3	581.7	552.1	507.0	455.8	405.8	357.3	310.1	263.8	219.2	180.2
40°	587.2	589.5	574.4	533.7	485.6	430.8	380.0	329.9	280.7	232.6	191.1
37.5°	577.7	587.7	581.6	559.6	513.0	457.2	401.8	348.8	296.9	246.8	201.6
35°	571.8	579.1	589.4	574.6	535.6	482.4	422.5	367.0	312.7	260.1	211.5
32.5°	566.7	572.2	583.7	581.3	556.8	506.5	443.4	384.4	327.6	272.6	220.9
30°	571.2	568.1	577.0	587.2	572.3	525.0	463.8	400.7	341.6	284.2	230.1
27.5°	577.8	563.9	571.3	584.5	577.4	541.7	482.3	415.8	354.5	295.2	239.5
25°	585.6	566.6	567.5	579.1	581.8	556.9	499.3	429.8	366.7	305.7	248.1
22.5°	597.7	571.2	563.6	574.1	586.0	570.8	513.2	443.8	378.0	315.3	255.9
20°	608.4	574.9	559.9	569.3	585.2	574.2	524.6	456.2	388.2	323.9	262.9
17.5°	619.7	580.8	562.1	566.2	581.2	577.3	534.9	467.2	397.2	331.5	269.0
15°	638.0	588.7	564.9	563.5	577.5	580.0	544.0	476.6	405.0	338.1	274.4
12.5°	653.5	595.3	566.9	561.3	573.9	582.3	551.9	484.5	411.6	343.6	279.0
10°	666.1	600.5	568.3	559.4	570.6	584.2	558.5	491.6	417.6	347.9	282.8
7.5°	675.7	604.3	569.0	557.9	567.9	585.7	564.6	498.8	422.6	351.1	285.8
5°	682.8	608.6	571.0	557.2	566.3	586.8	569.2	504.6	426.4	353.2	287.9
2.5°	688.8	614.2	573.9	556.8	565.4	587.4	572.1	508.9	428.9	354.3	289.2
0°	691.6	618.5	576.4	556.7	565.1	587.6	573.6	511.7	430.2	354.3	289.6
-2.5°	688.8	614.2	573.9	556.8	565.4	587.4	572.1	508.9	428.9	354.3	289.2
-5°	682.8	608.6	571.0	557.2	566.3	586.8	569.2	504.6	426.4	353.2	287.9
-7.5°	675.7	604.3	569.0	557.9	567.9	585.7	564.6	498.8	422.6	351.1	285.8
-10°	666.1	600.5	568.3	559.4	570.6	584.2	558.5	491.6	417.6	347.9	282.8
-12.5°	653.5	595.3	566.9	561.3	573.9	582.3	551.9	484.5	411.6	343.6	279.0
-15°	638.0	588.7	564.9	563.5	577.5	580.0	544.0	476.6	405.0	338.1	274.4
-17.5°	619.7	580.8	562.1	566.2	581.2	577.3	534.9	467.2	397.2	331.5	269.0
-20°	608.4	574.9	559.9	569.3	585.2	574.2	524.6	456.2	388.2	323.9	262.9



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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°	597.7	571.2	563.6	574.1	586.0	570.8	513.2	443.8	378.0	315.3	255.9
-25°	585.6	566.6	567.5	579.1	581.8	556.9	499.3	429.8	366.7	305.7	248.1
-27.5°	577.8	563.9	571.3	584.5	577.4	541.7	482.3	415.8	354.5	295.2	239.5
-30°	571.2	568.1	577.0	587.2	572.3	525.0	463.8	400.7	341.6	284.2	230.1
-32.5°	566.7	572.2	583.7	581.3	556.8	506.5	443.4	384.4	327.6	272.6	220.9
-35°	571.8	579.1	589.4	574.6	535.6	482.4	422.5	367.0	312.7	260.1	211.5
-37.5°	577.7	587.7	581.6	559.6	513.0	457.2	401.8	348.8	296.9	246.8	201.6
-40°	587.2	589.5	574.4	533.7	485.6	430.8	380.0	329.9	280.7	232.6	191.1
-42.5°	595.3	581.7	552.1	507.0	455.8	405.8	357.3	310.1	263.8	219.2	180.2
-45°	586.9	565.4	523.6	475.1	425.4	379.7	334.4	289.6	246.4	206.2	169.0
-47.5°	572.4	534.1	490.0	441.4	396.1	353.0	310.7	269.7	228.5	192.7	157.5
-50°	538.4	497.8	451.7	408.3	366.2	326.1	286.7	249.3	212.5	178.6	145.4
-52.5°	497.2	454.8	414.0	374.6	336.4	298.4	264.0	228.7	195.8	164.0	132.8
-55°	449.4	412.9	376.5	341.2	306.0	272.9	240.9	209.0	178.3	149.0	119.9
-57.5°	404.2	371.6	339.8	307.7	277.0	247.5	217.8	188.6	160.7	133.5	109.1
-60°	359.5	332.0	303.2	275.6	248.5	221.6	194.2	167.9	142.9	118.3	98.1
-62.5°	317.4	292.6	268.6	244.0	220.0	195.3	170.3	147.7	124.7	105.5	86.8
-65°	276.3	255.2	234.1	213.3	191.5	169.3	147.8	127.1	109.2	92.4	76.2
-67.5°	235.8	219.3	201.8	182.8	163.8	144.6	125.1	109.2	94.2	79.1	67.6
-70°	200.4	185.3	169.8	153.6	136.8	120.2	106.0	92.4	79.1	68.7	58.7
-72.5°	165.0	152.0	138.5	124.6	112.1	99.6	87.3	76.0	67.0	58.2	49.7
-75°	129.8	119.8	109.9	99.8	89.2	79.0	70.5	62.4	54.9	47.6	40.7
-77.5°	98.5	90.7	82.8	76.0	68.9	61.9	55.1	48.5	43.0	37.6	31.8
-80°	69.8	65.0	60.3	55.4	50.0	44.8	40.5	36.2	32.0	27.6	22.9
-82.5°	43.9	41.7	39.5	37.1	34.0	30.9	27.6	24.4	21.1	17.6	15.2
-85°	26.0	24.5	22.8	21.0	19.0	16.9	15.6	14.3	12.9	11.5	10.2
-87.5°	11.4	10.9	10.3	9.7	9.1	8.4	7.8	7.1	6.5	5.8	5.1
-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°	4.4	3.7	2.9	2.2	1.5	0.7	0.0
85°	8.7	7.3	5.9	4.4	2.9	1.5	0.0
82.5°	13.1	10.9	8.8	6.6	4.4	2.2	0.0
80°	17.8	14.6	11.7	8.8	5.9	2.9	0.0
77.5°	25.7	19.1	14.6	10.9	7.3	3.7	0.0
75°	33.4	25.5	17.8	13.1	8.7	4.4	0.0
72.5°	41.0	31.7	22.7	15.2	10.2	5.1	0.0
70°	48.5	37.8	27.5	17.6	11.5	5.8	0.0
67.5°	56.1	43.9	32.3	21.1	12.9	6.5	0.0
65°	63.6	50.1	36.9	24.5	14.3	7.1	0.0
62.5°	71.1	56.4	41.4	27.8	15.6	7.8	0.0
60°	78.4	62.8	45.8	31.1	16.9	8.4	0.0
57.5°	87.7	69.0	50.9	34.2	19.0	9.1	0.0
55°	96.9	75.1	55.8	37.3	21.1	9.7	0.0
52.5°	106.0	81.3	60.7	40.2	23.1	10.3	0.0
50°	114.7	88.6	65.5	43.1	25.1	10.9	0.0
47.5°	123.4	95.6	70.1	46.0	27.0	11.4	0.0
45°	133.2	102.4	74.6	49.4	28.9	11.9	0.0
42.5°	142.5	108.9	78.9	52.6	30.6	12.5	0.0
40°	151.3	115.1	83.5	55.8	32.4	12.9	0.0
37.5°	159.6	121.0	88.2	58.8	34.0	13.4	0.0
35°	167.4	127.2	92.7	61.6	35.6	13.8	0.0
32.5°	174.8	133.3	96.9	64.2	37.1	14.3	0.0
30°	182.3	138.9	100.9	66.6	38.5	14.6	0.0
27.5°	189.3	144.1	104.3	68.8	39.8	15.0	0.0
25°	195.7	148.8	107.3	70.7	41.0	15.3	0.0
22.5°	201.6	153.0	110.1	72.5	42.2	15.6	0.0
20°	207.0	156.5	112.6	74.0	43.2	15.9	0.0
17.5°	211.7	159.6	114.7	75.3	44.2	16.1	0.0
15°	215.8	162.3	116.6	76.4	45.0	16.3	0.0
12.5°	219.4	164.5	118.1	77.3	45.8	16.5	0.0
10°	222.3	166.2	119.3	77.9	46.4	16.6	0.0
7.5°	224.7	167.6	120.2	78.4	46.9	16.8	0.0
5°	226.3	168.4	120.7	78.7	47.3	16.8	0.0
2.5°	227.4	168.8	121.0	78.8	47.6	16.9	0.0
0°	227.7	168.7	120.9	78.7	47.8	16.9	0.0
-2.5°	227.4	168.8	121.0	78.8	47.6	16.9	0.0
-5°	226.3	168.4	120.7	78.7	47.3	16.8	0.0
-7.5°	224.7	167.6	120.2	78.4	46.9	16.8	0.0
-10°	222.3	166.2	119.3	77.9	46.4	16.6	0.0
-12.5°	219.4	164.5	118.1	77.3	45.8	16.5	0.0
-15°	215.8	162.3	116.6	76.4	45.0	16.3	0.0
-17.5°	211.7	159.6	114.7	75.3	44.2	16.1	0.0
-20°	207.0	156.5	112.6	74.0	43.2	15.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	201.6	153.0	110.1	72.5	42.2	15.6	0.0
-25°	195.7	148.8	107.3	70.7	41.0	15.3	0.0
-27.5°	189.3	144.1	104.3	68.8	39.8	15.0	0.0
-30°	182.3	138.9	100.9	66.6	38.5	14.6	0.0
-32.5°	174.8	133.3	96.9	64.2	37.1	14.3	0.0
-35°	167.4	127.2	92.7	61.6	35.6	13.8	0.0
-37.5°	159.6	121.0	88.2	58.8	34.0	13.4	0.0
-40°	151.3	115.1	83.5	55.8	32.4	12.9	0.0
-42.5°	142.5	108.9	78.9	52.6	30.6	12.5	0.0
-45°	133.2	102.4	74.6	49.4	28.9	11.9	0.0
-47.5°	123.4	95.6	70.1	46.0	27.0	11.4	0.0
-50°	114.7	88.6	65.5	43.1	25.1	10.9	0.0
-52.5°	106.0	81.3	60.7	40.2	23.1	10.3	0.0
-55°	96.9	75.1	55.8	37.3	21.1	9.7	0.0
-57.5°	87.7	69.0	50.9	34.2	19.0	9.1	0.0
-60°	78.4	62.8	45.8	31.1	16.9	8.4	0.0
-62.5°	71.1	56.4	41.4	27.8	15.6	7.8	0.0
-65°	63.6	50.1	36.9	24.5	14.3	7.1	0.0
-67.5°	56.1	43.9	32.3	21.1	12.9	6.5	0.0
-70°	48.5	37.8	27.5	17.6	11.5	5.8	0.0
-72.5°	41.0	31.7	22.7	15.2	10.2	5.1	0.0
-75°	33.4	25.5	17.8	13.1	8.7	4.4	0.0
-77.5°	25.7	19.1	14.6	10.9	7.3	3.7	0.0
-80°	17.8	14.6	11.7	8.8	5.9	2.9	0.0
-82.5°	13.1	10.9	8.8	6.6	4.4	2.2	0.0
-85°	8.7	7.3	5.9	4.4	2.9	1.5	0.0
-87.5°	4.4	3.7	2.9	2.2	1.5	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)