

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: P559196 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-927-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559196 (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-SA6D-927-U-MR-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (96) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

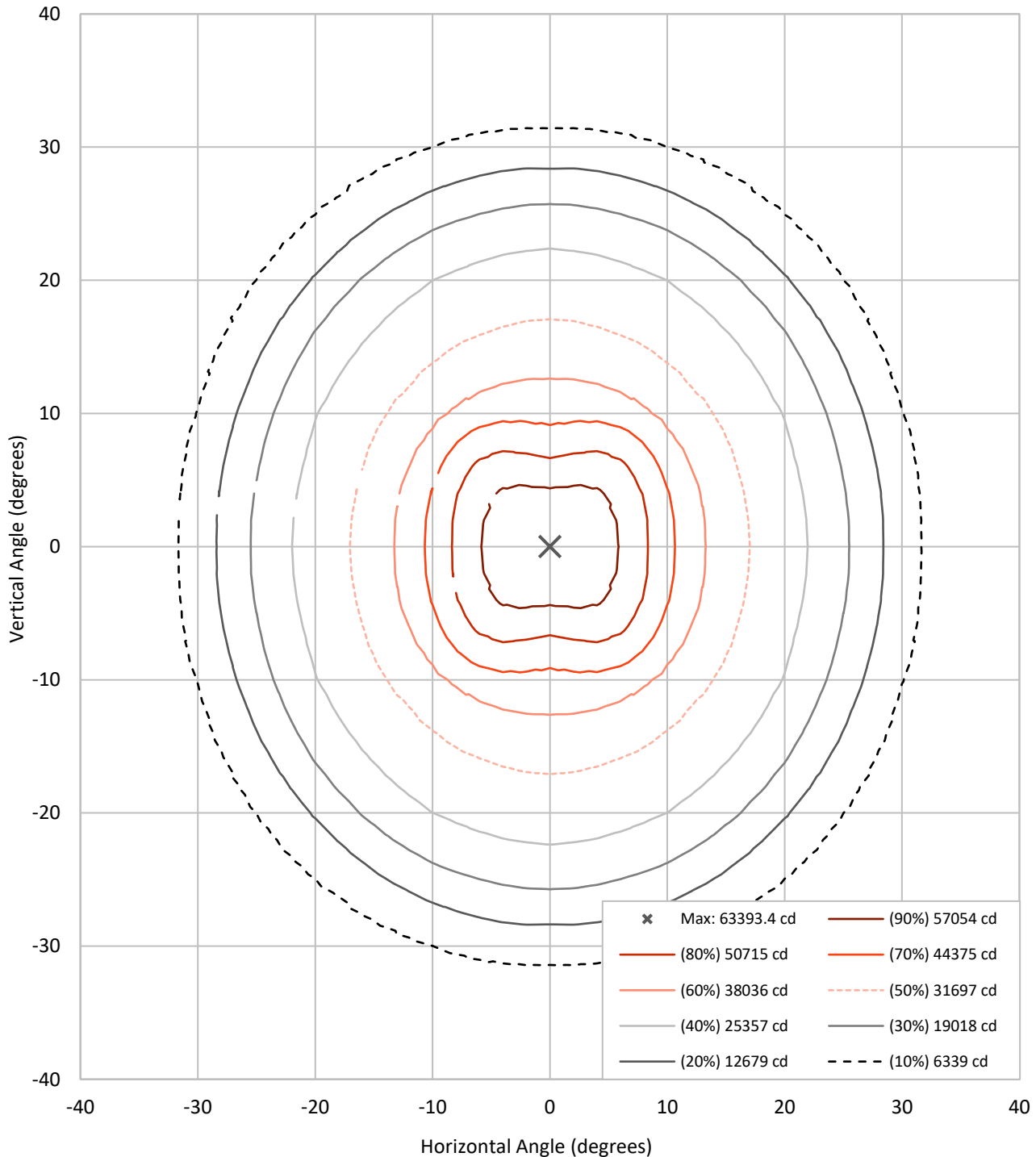
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	28043.5 lumens	Max Intensity:	63393.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	87.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	11944.8 lumens	Field Lumens:	24412.7 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 319
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





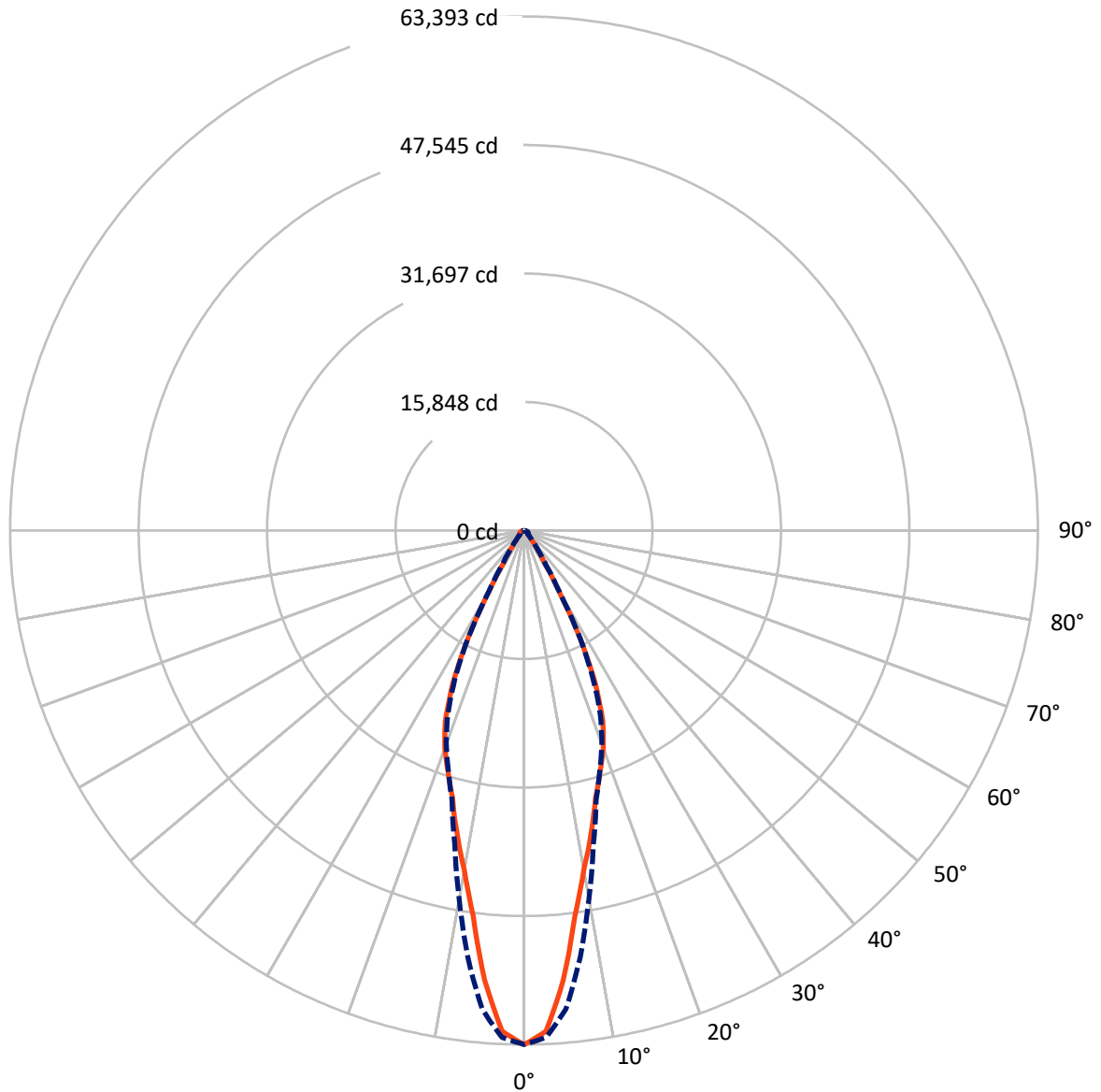
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Lumen Table

90																			
80	0.4	3.1		8.7		14.3		16.7		14.3		8.7		3.1		0.4			
70																			
60	1.4	1.6	3.6	6.2	9.1	11.7	13.7	14.8	14.8	13.7	11.7	9.1	6.2	3.6	1.6	1.4			
50		2.6	5.8	9.9	13.5	15.3	16.2	16.6	16.6	16.2	15.3	13.5	9.9	5.8	2.6				
40	2.7	3.6	7.9	11.9	13.9	17.3	22.2	25.5	25.5	22.2	17.3	13.9	11.9	7.9	3.6	2.7			
30		4.6	9.3	12.0	18.1	35.7	68.0	103.8	103.8	68.0	35.7	18.1	12.0	9.3	4.6				
20	3.6	5.4	9.6	13.4	32.9	109.1	343.2	564.9	564.9	343.2	109.1	32.9	13.4	9.6	5.4	3.6			
10		5.9	9.6	16.6	61.3	323.4	764.3	1012.3	1012.3	764.3	323.4	61.3	16.6	9.6	5.9				
0	4.0	6.1	9.6	19.1	93.2	509.5	994.0	1568.6	1568.6	994.0	509.5	93.2	19.1	9.6	6.1	4.0			
-10		6.1	9.6	19.1	93.2	509.5	994.0	1568.6	1568.6	994.0	509.5	93.2	19.1	9.6	6.1				
-20	3.6	5.9	9.6	16.6	61.3	323.4	764.3	1012.3	1012.3	764.3	323.4	61.3	16.6	9.6	5.9	3.6			
-30		5.4	9.6	13.4	32.9	109.1	343.2	564.9	564.9	343.2	109.1	32.9	13.4	9.6	5.4				
-40	2.7	4.6	9.3	12.0	18.1	35.7	68.0	103.8	103.8	68.0	35.7	18.1	12.0	9.3	4.6	2.7			
-50		3.6	7.9	11.9	13.9	17.3	22.2	25.5	25.5	22.2	17.3	13.9	11.9	7.9	3.6				
-60	1.4	2.6	5.8	9.9	13.5	15.3	16.2	16.6	16.6	16.2	15.3	13.5	9.9	5.8	2.6	1.4			
-70		1.6	3.6	6.2	9.1	11.7	13.7	14.8	14.8	13.7	11.7	9.1	6.2	3.6	1.6				
-80																			
-90	0.4	3.1		8.7		14.3		16.7		14.3		8.7		3.1		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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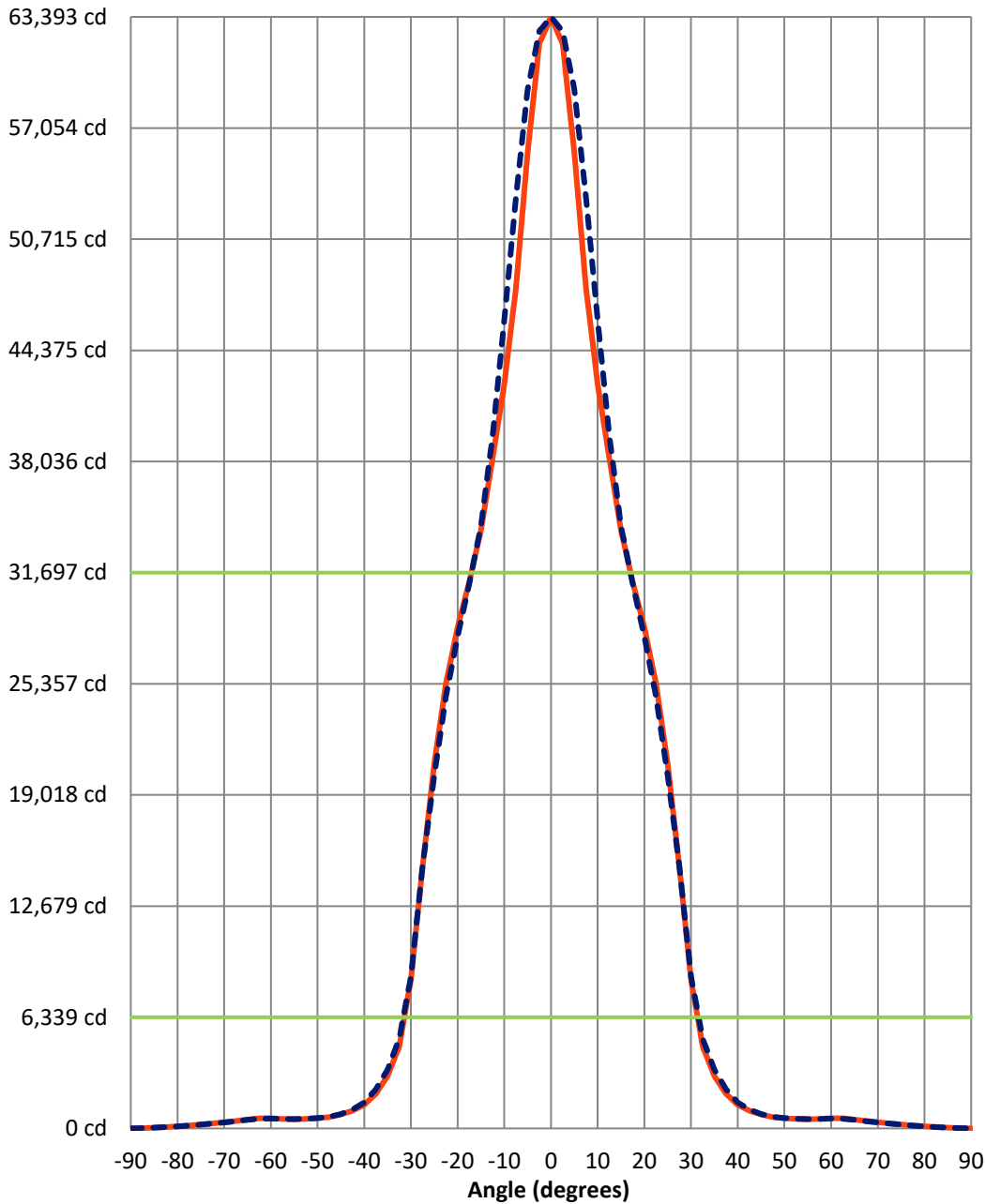
Luminous Intensity Polar Plot



— 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: 11944.8
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 24412.7
 Efficiency: 87.1%

Spill:
 Lumens: 3630.9
 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	1.4	2.1	2.8	3.5	4.2	4.8	5.5	6.2	6.8
85°	0.0	1.4	2.8	4.2	5.6	7.0	8.3	9.7	11.0	12.3	13.6
82.5°	0.0	2.1	4.2	6.3	8.4	10.4	12.5	14.5	16.8	20.1	23.2
80°	0.0	2.8	5.6	8.4	11.1	13.9	17.0	21.8	26.4	30.6	34.5
77.5°	0.0	3.5	7.0	10.4	13.9	18.2	24.5	30.4	35.9	41.0	46.3
75°	0.0	4.2	8.3	12.5	17.0	24.3	31.9	38.9	45.5	52.5	59.6
72.5°	0.0	4.8	9.7	14.5	21.6	30.3	39.2	47.5	55.7	64.1	72.8
70°	0.0	5.5	11.0	16.7	26.3	36.2	46.4	56.1	65.7	75.6	88.4
67.5°	0.0	6.2	12.3	20.1	30.8	41.9	53.7	64.6	75.6	90.1	104.4
65°	0.0	6.8	13.6	23.4	35.2	47.9	60.9	72.9	88.4	104.4	121.5
62.5°	0.0	7.4	14.9	26.6	39.6	54.0	68.0	83.1	100.9	119.2	141.2
60°	0.0	8.0	16.1	29.7	43.8	60.0	75.0	93.8	113.1	136.7	160.5
57.5°	0.0	8.6	18.1	32.7	48.6	66.0	83.9	104.3	127.6	153.7	180.3
55°	0.0	9.2	20.1	35.6	53.4	71.8	92.7	114.6	142.4	170.5	199.9
52.5°	0.0	9.8	22.0	38.5	58.1	77.8	101.3	126.9	156.8	187.2	218.7
50°	0.0	10.3	23.9	41.2	62.6	84.8	109.7	139.0	170.8	203.2	238.4
47.5°	0.0	10.9	25.8	44.0	67.1	91.5	118.0	150.6	184.3	218.5	257.9
45°	0.0	11.4	27.5	47.2	71.4	98.0	127.4	161.6	197.2	235.6	277.0
42.5°	0.0	11.9	29.3	50.3	75.5	104.2	136.3	172.3	209.7	252.3	296.6
40°	0.0	12.3	30.9	53.4	79.9	110.1	144.7	182.8	222.4	268.5	315.5
37.5°	0.0	12.8	32.5	56.3	84.4	115.8	152.7	192.8	236.0	284.0	333.6
35°	0.0	13.2	34.0	59.0	88.7	121.7	160.1	202.3	248.8	299.1	351.0
32.5°	0.0	13.6	35.4	61.5	92.7	127.5	167.2	211.3	260.8	313.3	367.6
30°	0.0	13.9	36.8	63.7	96.5	132.9	174.3	220.1	271.9	326.7	383.2
27.5°	0.0	14.3	38.0	65.8	99.7	137.8	181.0	229.1	282.4	339.0	397.6
25°	0.0	14.6	39.2	67.7	102.7	142.3	187.2	237.3	292.4	350.7	411.0
22.5°	0.0	14.9	40.3	69.3	105.3	146.3	192.8	244.8	301.5	361.5	424.4
20°	0.0	15.1	41.3	70.8	107.7	149.7	197.9	251.5	309.7	371.2	436.3
17.5°	0.0	15.4	42.2	72.1	109.7	152.6	202.5	257.3	317.0	379.9	446.8
15°	0.0	15.6	43.0	73.1	111.5	155.2	206.4	262.4	323.3	387.3	455.8
12.5°	0.0	15.7	43.7	73.9	112.9	157.3	209.8	266.9	328.6	393.6	463.3
10°	0.0	15.9	44.3	74.6	114.1	159.0	212.7	270.5	332.7	399.4	470.1
7.5°	0.0	16.0	44.8	75.0	114.9	160.2	214.9	273.3	335.8	404.1	477.0
5°	0.0	16.0	45.2	75.3	115.5	161.0	216.5	275.4	337.8	407.7	482.6
2.5°	0.0	16.1	45.5	75.4	115.7	161.4	217.5	276.6	338.8	410.2	486.7
0°	0.0	16.1	45.7	75.3	115.6	161.3	217.8	277.0	338.8	411.4	489.4
-2.5°	0.0	16.1	45.5	75.4	115.7	161.4	217.5	276.6	338.8	410.2	486.7
-5°	0.0	16.0	45.2	75.3	115.5	161.0	216.5	275.4	337.8	407.7	482.6
-7.5°	0.0	16.0	44.8	75.0	114.9	160.2	214.9	273.3	335.8	404.1	477.0
-10°	0.0	15.9	44.3	74.6	114.1	159.0	212.7	270.5	332.7	399.4	470.1
-12.5°	0.0	15.7	43.7	73.9	112.9	157.3	209.8	266.9	328.6	393.6	463.3
-15°	0.0	15.6	43.0	73.1	111.5	155.2	206.4	262.4	323.3	387.3	455.8
-17.5°	0.0	15.4	42.2	72.1	109.7	152.6	202.5	257.3	317.0	379.9	446.8
-20°	0.0	15.1	41.3	70.8	107.7	149.7	197.9	251.5	309.7	371.2	436.3



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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	14.9	40.3	69.3	105.3	146.3	192.8	244.8	301.5	361.5	424.4
-25°	0.0	14.6	39.2	67.7	102.7	142.3	187.2	237.3	292.4	350.7	411.0
-27.5°	0.0	14.3	38.0	65.8	99.7	137.8	181.0	229.1	282.4	339.0	397.6
-30°	0.0	13.9	36.8	63.7	96.5	132.9	174.3	220.1	271.9	326.7	383.2
-32.5°	0.0	13.6	35.4	61.5	92.7	127.5	167.2	211.3	260.8	313.3	367.6
-35°	0.0	13.2	34.0	59.0	88.7	121.7	160.1	202.3	248.8	299.1	351.0
-37.5°	0.0	12.8	32.5	56.3	84.4	115.8	152.7	192.8	236.0	284.0	333.6
-40°	0.0	12.3	30.9	53.4	79.9	110.1	144.7	182.8	222.4	268.5	315.5
-42.5°	0.0	11.9	29.3	50.3	75.5	104.2	136.3	172.3	209.7	252.3	296.6
-45°	0.0	11.4	27.5	47.2	71.4	98.0	127.4	161.6	197.2	235.6	277.0
-47.5°	0.0	10.9	25.8	44.0	67.1	91.5	118.0	150.6	184.3	218.5	257.9
-50°	0.0	10.3	23.9	41.2	62.6	84.8	109.7	139.0	170.8	203.2	238.4
-52.5°	0.0	9.8	22.0	38.5	58.1	77.8	101.3	126.9	156.8	187.2	218.7
-55°	0.0	9.2	20.1	35.6	53.4	71.8	92.7	114.6	142.4	170.5	199.9
-57.5°	0.0	8.6	18.1	32.7	48.6	66.0	83.9	104.3	127.6	153.7	180.3
-60°	0.0	8.0	16.1	29.7	43.8	60.0	75.0	93.8	113.1	136.7	160.5
-62.5°	0.0	7.4	14.9	26.6	39.6	54.0	68.0	83.1	100.9	119.2	141.2
-65°	0.0	6.8	13.6	23.4	35.2	47.9	60.9	72.9	88.4	104.4	121.5
-67.5°	0.0	6.2	12.3	20.1	30.8	41.9	53.7	64.6	75.6	90.1	104.4
-70°	0.0	5.5	11.0	16.7	26.3	36.2	46.4	56.1	65.7	75.6	88.4
-72.5°	0.0	4.8	9.7	14.5	21.6	30.3	39.2	47.5	55.7	64.1	72.8
-75°	0.0	4.2	8.3	12.5	17.0	24.3	31.9	38.9	45.5	52.5	59.6
-77.5°	0.0	3.5	7.0	10.4	13.9	18.2	24.5	30.4	35.9	41.0	46.3
-80°	0.0	2.8	5.6	8.4	11.1	13.9	17.0	21.8	26.4	30.6	34.5
-82.5°	0.0	2.1	4.2	6.3	8.4	10.4	12.5	14.5	16.8	20.1	23.2
-85°	0.0	1.4	2.8	4.2	5.6	7.0	8.3	9.7	11.0	12.3	13.6
-87.5°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.8	5.5	6.2	6.8
-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°	7.4	8.0	8.6	9.2	9.8	10.3	10.9	11.4	11.9	12.3	12.8
85°	14.9	16.1	18.1	20.0	21.8	23.4	24.8	26.1	27.6	29.0	30.3
82.5°	26.4	29.5	32.5	35.4	37.7	39.8	41.9	44.8	48.2	51.4	54.5
80°	38.7	42.8	47.8	53.0	57.6	62.2	66.7	71.3	75.8	80.6	85.3
77.5°	52.7	59.2	65.9	72.7	79.2	86.8	94.3	101.7	108.4	114.4	119.9
75°	67.4	75.6	85.4	95.5	105.2	114.6	124.2	134.6	143.7	152.0	159.7
72.5°	83.5	95.3	107.2	119.2	132.5	145.4	157.8	169.9	180.9	191.2	201.5
70°	101.3	114.9	130.8	147.0	162.4	177.2	191.6	205.2	218.0	231.4	245.9
67.5°	119.6	138.3	156.7	174.9	193.1	209.8	225.5	243.0	260.3	277.2	293.5
65°	141.4	162.0	183.2	204.0	223.9	244.1	264.3	284.2	304.5	323.9	341.9
62.5°	162.8	186.8	210.4	233.4	256.9	279.9	303.6	327.0	349.6	373.1	395.6
60°	185.7	211.9	237.7	263.6	290.0	317.5	343.9	371.3	399.0	425.5	451.1
57.5°	208.3	236.7	264.9	294.3	325.0	355.4	386.6	417.4	449.0	479.3	505.7
55°	230.4	261.0	292.7	326.3	360.1	395.0	429.8	465.7	499.7	525.2	549.1
52.5°	252.5	285.4	321.7	358.3	395.9	435.0	475.5	510.2	538.5	560.3	565.5
50°	274.2	311.9	350.3	390.4	432.0	476.2	515.0	546.2	562.2	568.4	565.1
47.5°	297.2	337.6	378.8	422.1	468.6	510.8	547.4	563.4	571.1	562.7	552.5
45°	319.9	363.1	406.8	454.4	500.8	540.7	561.3	572.7	562.5	552.6	545.5
42.5°	341.7	388.1	435.9	484.8	528.1	556.3	569.3	562.8	554.0	546.4	549.0
40°	363.4	412.0	464.4	510.5	549.4	563.8	561.6	553.6	548.5	551.8	562.8
37.5°	384.2	437.2	490.7	535.3	556.3	562.1	552.5	547.3	551.1	563.9	588.1
35°	404.0	461.3	512.3	549.7	563.7	553.9	546.9	546.1	560.5	586.3	622.3
32.5°	424.0	484.4	532.6	556.0	558.3	547.3	542.0	554.4	577.0	611.1	671.7
30°	443.5	502.1	547.5	561.7	551.9	543.4	546.3	564.1	595.0	651.6	749.5
27.5°	461.3	518.1	552.2	559.0	546.4	539.3	552.6	579.4	624.2	699.7	839.6
25°	477.5	532.6	556.5	553.9	542.8	541.9	560.0	593.1	654.9	777.0	968.5
22.5°	490.9	546.0	560.5	549.1	539.1	546.3	571.6	617.5	700.2	849.9	1103.1
20°	501.8	549.3	559.7	544.6	535.5	549.8	581.9	641.5	761.1	963.9	1254.7
17.5°	511.6	552.2	555.9	541.6	537.6	555.4	592.7	662.8	815.2	1062.0	1400.3
15°	520.3	554.8	552.3	539.0	540.2	563.0	610.2	703.1	880.2	1154.4	1531.1
12.5°	527.9	557.0	548.9	536.8	542.2	569.3	625.0	739.7	944.3	1254.5	1740.8
10°	534.2	558.8	545.8	535.0	543.5	574.3	637.1	768.7	993.7	1339.5	1916.7
7.5°	540.0	560.2	543.2	533.6	544.2	578.0	646.3	789.9	1028.8	1407.7	2048.4
5°	544.4	561.2	541.7	532.9	546.2	582.0	653.1	803.7	1050.2	1457.4	2136.5
2.5°	547.2	561.8	540.8	532.5	548.9	587.5	658.8	815.3	1069.2	1482.0	2199.2
0°	548.6	562.0	540.5	532.4	551.2	591.6	661.5	820.1	1078.3	1481.6	2237.3
-2.5°	547.2	561.8	540.8	532.5	548.9	587.5	658.8	815.3	1069.2	1482.0	2199.2
-5°	544.4	561.2	541.7	532.9	546.2	582.0	653.1	803.7	1050.2	1457.4	2136.5
-7.5°	540.0	560.2	543.2	533.6	544.2	578.0	646.3	789.9	1028.8	1407.7	2048.4
-10°	534.2	558.8	545.8	535.0	543.5	574.3	637.1	768.7	993.7	1339.5	1916.7
-12.5°	527.9	557.0	548.9	536.8	542.2	569.3	625.0	739.7	944.3	1254.5	1740.8
-15°	520.3	554.8	552.3	539.0	540.2	563.0	610.2	703.1	880.2	1154.4	1531.1
-17.5°	511.6	552.2	555.9	541.6	537.6	555.4	592.7	662.8	815.2	1062.0	1400.3
-20°	501.8	549.3	559.7	544.6	535.5	549.8	581.9	641.5	761.1	963.9	1254.7



REPORT NUMBER: P559196 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-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°	490.9	546.0	560.5	549.1	539.1	546.3	571.6	617.5	700.2	849.9	1103.1
-25°	477.5	532.6	556.5	553.9	542.8	541.9	560.0	593.1	654.9	777.0	968.5
-27.5°	461.3	518.1	552.2	559.0	546.4	539.3	552.6	579.4	624.2	699.7	839.6
-30°	443.5	502.1	547.5	561.7	551.9	543.4	546.3	564.1	595.0	651.6	749.5
-32.5°	424.0	484.4	532.6	556.0	558.3	547.3	542.0	554.4	577.0	611.1	671.7
-35°	404.0	461.3	512.3	549.7	563.7	553.9	546.9	546.1	560.5	586.3	622.3
-37.5°	384.2	437.2	490.7	535.3	556.3	562.1	552.5	547.3	551.1	563.9	588.1
-40°	363.4	412.0	464.4	510.5	549.4	563.8	561.6	553.6	548.5	551.8	562.8
-42.5°	341.7	388.1	435.9	484.8	528.1	556.3	569.3	562.8	554.0	546.4	549.0
-45°	319.9	363.1	406.8	454.4	500.8	540.7	561.3	572.7	562.5	552.6	545.5
-47.5°	297.2	337.6	378.8	422.1	468.6	510.8	547.4	563.4	571.1	562.7	552.5
-50°	274.2	311.9	350.3	390.4	432.0	476.2	515.0	546.2	562.2	568.4	565.1
-52.5°	252.5	285.4	321.7	358.3	395.9	435.0	475.5	510.2	538.5	560.3	565.5
-55°	230.4	261.0	292.7	326.3	360.1	395.0	429.8	465.7	499.7	525.2	549.1
-57.5°	208.3	236.7	264.9	294.3	325.0	355.4	386.6	417.4	449.0	479.3	505.7
-60°	185.7	211.9	237.7	263.6	290.0	317.5	343.9	371.3	399.0	425.5	451.1
-62.5°	162.8	186.8	210.4	233.4	256.9	279.9	303.6	327.0	349.6	373.1	395.6
-65°	141.4	162.0	183.2	204.0	223.9	244.1	264.3	284.2	304.5	323.9	341.9
-67.5°	119.6	138.3	156.7	174.9	193.1	209.8	225.5	243.0	260.3	277.2	293.5
-70°	101.3	114.9	130.8	147.0	162.4	177.2	191.6	205.2	218.0	231.4	245.9
-72.5°	83.5	95.3	107.2	119.2	132.5	145.4	157.8	169.9	180.9	191.2	201.5
-75°	67.4	75.6	85.4	95.5	105.2	114.6	124.2	134.6	143.7	152.0	159.7
-77.5°	52.7	59.2	65.9	72.7	79.2	86.8	94.3	101.7	108.4	114.4	119.9
-80°	38.7	42.8	47.8	53.0	57.6	62.2	66.7	71.3	75.8	80.6	85.3
-82.5°	26.4	29.5	32.5	35.4	37.7	39.8	41.9	44.8	48.2	51.4	54.5
-85°	14.9	16.1	18.1	20.0	21.8	23.4	24.8	26.1	27.6	29.0	30.3
-87.5°	7.4	8.0	8.6	9.2	9.8	10.3	10.9	11.4	11.9	12.3	12.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559196 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-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°	13.2	13.0	12.8	12.5	12.1	12.4	12.6	12.8	12.9	13.7	14.5
85°	31.5	32.9	34.4	35.9	37.4	38.5	39.4	40.3	41.0	41.6	42.1
82.5°	57.5	60.5	63.3	65.8	68.1	70.0	71.6	73.1	74.4	75.5	76.4
80°	89.7	93.6	97.2	100.4	103.1	105.5	107.5	109.2	110.5	113.1	115.7
77.5°	125.5	131.1	136.2	141.0	145.3	149.5	153.4	156.9	160.1	162.5	164.3
75°	167.0	174.1	181.2	187.7	193.7	199.8	205.8	211.2	216.1	219.4	221.8
72.5°	211.7	221.3	229.9	238.2	245.5	253.0	260.4	267.1	273.0	277.5	281.1
70°	259.5	271.8	282.0	291.3	300.6	310.0	319.1	327.1	333.9	339.5	344.1
67.5°	309.0	323.2	335.9	348.2	360.6	372.1	383.2	393.5	402.9	410.1	414.8
65°	359.7	377.9	394.6	409.7	423.4	436.5	450.3	463.0	474.5	483.9	491.2
62.5°	416.9	437.5	456.4	473.4	488.6	500.8	513.9	525.8	536.6	546.5	556.4
60°	475.4	498.4	515.1	529.4	542.6	554.3	558.8	563.2	566.8	570.1	574.0
57.5°	526.5	546.2	560.5	563.7	566.6	569.2	567.6	563.0	558.2	553.4	549.6
55°	562.1	567.6	573.9	569.0	561.2	553.9	547.4	542.9	538.7	534.9	531.6
52.5°	571.5	566.1	559.4	552.2	546.8	541.2	535.5	536.5	538.2	539.5	540.3
50°	557.6	551.2	547.7	543.6	544.3	547.1	549.3	554.6	561.3	566.0	569.9
47.5°	546.9	542.8	548.1	554.9	561.2	572.8	583.1	593.2	608.7	621.1	631.0
45°	544.0	554.1	564.7	581.3	596.0	621.4	645.4	665.4	702.5	736.5	763.2
42.5°	559.3	576.8	595.9	628.4	663.5	708.5	766.2	815.0	872.2	925.5	964.2
40°	584.7	610.4	653.5	705.8	787.7	860.6	956.2	1038.0	1114.9	1196.3	1257.6
37.5°	621.1	669.3	749.9	843.8	968.1	1087.4	1219.3	1347.3	1456.4	1621.4	1750.6
35°	675.4	772.9	887.2	1044.2	1206.5	1389.4	1582.2	1830.5	2049.3	2305.9	2547.1
32.5°	774.1	906.1	1085.3	1297.6	1513.3	1829.0	2126.8	2530.4	2893.1	3345.7	3832.5
30°	889.7	1086.6	1327.4	1604.5	1995.2	2429.5	2919.1	3538.2	4273.7	5149.6	6325.0
27.5°	1049.0	1301.8	1604.7	2054.0	2608.2	3190.2	4058.3	5098.9	6995.3	8647.9	10838.2
25°	1220.4	1529.2	2008.3	2612.1	3341.4	4389.3	6086.7	8251.9	11319.0	14251.6	16596.1
22.5°	1418.1	1869.3	2474.0	3225.5	4405.7	6434.7	9070.0	12883.3	16303.3	19261.1	21539.1
20°	1637.0	2202.9	3015.7	4164.0	6173.9	9145.5	13376.0	17289.5	20782.6	23328.8	25341.5
17.5°	1920.5	2659.8	3691.0	5275.6	8360.3	12939.4	17300.7	21168.9	24208.2	26445.3	28229.6
15°	2185.2	3080.3	4416.8	7120.5	11330.7	16224.7	20695.1	24145.8	26775.9	28857.7	30461.9
12.5°	2497.6	3552.7	5265.1	8714.2	14061.9	18935.2	23105.2	26327.4	28860.2	30811.6	32961.6
10°	2775.9	4060.9	6480.6	10838.0	16304.9	21065.3	25114.9	28010.6	30550.4	33093.4	36317.3
7.5°	3005.6	4487.5	7477.5	12629.9	18027.0	22641.0	26330.3	29223.6	32022.8	35419.0	40069.0
5°	3188.1	4809.1	8297.5	13982.7	19278.9	23765.7	27258.5	30191.3	33352.9	37896.1	44136.4
2.5°	3310.1	5019.9	8810.2	14800.1	20068.7	24410.7	27946.5	30824.1	34139.0	39283.0	45802.6
0°	3358.6	5117.2	8680.1	14948.2	20116.5	24620.6	28049.1	31060.8	34362.9	39515.0	46108.5
-2.5°	3310.1	5019.9	8810.2	14800.1	20068.7	24410.7	27946.5	30824.1	34139.0	39283.0	45802.6
-5°	3188.1	4809.1	8297.5	13982.7	19278.9	23765.7	27258.5	30191.3	33352.9	37896.1	44136.4
-7.5°	3005.6	4487.5	7477.5	12629.9	18027.0	22641.0	26330.3	29223.6	32022.8	35419.0	40069.0
-10°	2775.9	4060.9	6480.6	10838.0	16304.9	21065.3	25114.9	28010.6	30550.4	33093.4	36317.3
-12.5°	2497.6	3552.7	5265.1	8714.2	14061.9	18935.2	23105.2	26327.4	28860.2	30811.6	32961.6
-15°	2185.2	3080.3	4416.8	7120.5	11330.7	16224.7	20695.1	24145.8	26775.9	28857.7	30461.9
-17.5°	1920.5	2659.8	3691.0	5275.6	8360.3	12939.4	17300.7	21168.9	24208.2	26445.3	28229.6
-20°	1637.0	2202.9	3015.7	4164.0	6173.9	9145.5	13376.0	17289.5	20782.6	23328.8	25341.5



REPORT NUMBER: P559196 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1418.1	1869.3	2474.0	3225.5	4405.7	6434.7	9070.0	12883.3	16303.3	19261.1	21539.1
-25°	1220.4	1529.2	2008.3	2612.1	3341.4	4389.3	6086.7	8251.9	11319.0	14251.6	16596.1
-27.5°	1049.0	1301.8	1604.7	2054.0	2608.2	3190.2	4058.3	5098.9	6995.3	8647.9	10838.2
-30°	889.7	1086.6	1327.4	1604.5	1995.2	2429.5	2919.1	3538.2	4273.7	5149.6	6325.0
-32.5°	774.1	906.1	1085.3	1297.6	1513.3	1829.0	2126.8	2530.4	2893.1	3345.7	3832.5
-35°	675.4	772.9	887.2	1044.2	1206.5	1389.4	1582.2	1830.5	2049.3	2305.9	2547.1
-37.5°	621.1	669.3	749.9	843.8	968.1	1087.4	1219.3	1347.3	1456.4	1621.4	1750.6
-40°	584.7	610.4	653.5	705.8	787.7	860.6	956.2	1038.0	1114.9	1196.3	1257.6
-42.5°	559.3	576.8	595.9	628.4	663.5	708.5	766.2	815.0	872.2	925.5	964.2
-45°	544.0	554.1	564.7	581.3	596.0	621.4	645.4	665.4	702.5	736.5	763.2
-47.5°	546.9	542.8	548.1	554.9	561.2	572.8	583.1	593.2	608.7	621.1	631.0
-50°	557.6	551.2	547.7	543.6	544.3	547.1	549.3	554.6	561.3	566.0	569.9
-52.5°	571.5	566.1	559.4	552.2	546.8	541.2	535.5	536.5	538.2	539.5	540.3
-55°	562.1	567.6	573.9	569.0	561.2	553.9	547.4	542.9	538.7	534.9	531.6
-57.5°	526.5	546.2	560.5	563.7	566.6	569.2	567.6	563.0	558.2	553.4	549.6
-60°	475.4	498.4	515.1	529.4	542.6	554.3	558.8	563.2	566.8	570.1	574.0
-62.5°	416.9	437.5	456.4	473.4	488.6	500.8	513.9	525.8	536.6	546.5	556.4
-65°	359.7	377.9	394.6	409.7	423.4	436.5	450.3	463.0	474.5	483.9	491.2
-67.5°	309.0	323.2	335.9	348.2	360.6	372.1	383.2	393.5	402.9	410.1	414.8
-70°	259.5	271.8	282.0	291.3	300.6	310.0	319.1	327.1	333.9	339.5	344.1
-72.5°	211.7	221.3	229.9	238.2	245.5	253.0	260.4	267.1	273.0	277.5	281.1
-75°	167.0	174.1	181.2	187.7	193.7	199.8	205.8	211.2	216.1	219.4	221.8
-77.5°	125.5	131.1	136.2	141.0	145.3	149.5	153.4	156.9	160.1	162.5	164.3
-80°	89.7	93.6	97.2	100.4	103.1	105.5	107.5	109.2	110.5	113.1	115.7
-82.5°	57.5	60.5	63.3	65.8	68.1	70.0	71.6	73.1	74.4	75.5	76.4
-85°	31.5	32.9	34.4	35.9	37.4	38.5	39.4	40.3	41.0	41.6	42.1
-87.5°	13.2	13.0	12.8	12.5	12.1	12.4	12.6	12.8	12.9	13.7	14.5
-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: P559196 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-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°	15.3	16.0	16.1	16.1	16.1	16.0	15.3	14.5	13.7	12.9	12.8
85°	42.5	42.8	44.3	45.7	44.3	42.8	42.5	42.1	41.6	41.0	40.3
82.5°	77.1	77.6	77.9	78.0	77.9	77.6	77.1	76.4	75.5	74.4	73.1
80°	118.2	120.3	119.5	118.3	119.5	120.3	118.2	115.7	113.1	110.5	109.2
77.5°	165.3	165.8	165.2	164.0	165.2	165.8	165.3	164.3	162.5	160.1	156.9
75°	223.5	224.6	225.5	225.9	225.5	224.6	223.5	221.8	219.4	216.1	211.2
72.5°	283.9	286.0	286.0	285.0	286.0	286.0	283.9	281.1	277.5	273.0	267.1
70°	347.7	350.2	351.8	352.3	351.8	350.2	347.7	344.1	339.5	333.9	327.1
67.5°	418.1	419.9	421.6	422.2	421.6	419.9	418.1	414.8	410.1	402.9	393.5
65°	497.3	502.0	503.5	502.8	503.5	502.0	497.3	491.2	483.9	474.5	463.0
62.5°	565.6	573.8	577.3	578.1	577.3	573.8	565.6	556.4	546.5	536.6	525.8
60°	577.2	580.0	580.8	580.8	580.8	580.0	577.2	574.0	570.1	566.8	563.2
57.5°	546.1	542.9	541.1	540.5	541.1	542.9	546.1	549.6	553.4	558.2	563.0
55°	528.6	525.9	524.6	524.4	524.6	525.9	528.6	531.6	534.9	538.7	542.9
52.5°	540.5	540.1	541.2	543.2	541.2	540.1	540.5	540.3	539.5	538.2	536.5
50°	573.4	575.8	578.4	580.8	578.4	575.8	573.4	569.9	566.0	561.3	554.6
47.5°	638.1	641.8	644.1	645.4	644.1	641.8	638.1	631.0	621.1	608.7	593.2
45°	780.7	790.0	794.5	795.9	794.5	790.0	780.7	763.2	736.5	702.5	665.4
42.5°	989.7	1003.8	1009.9	1011.1	1009.9	1003.8	989.7	964.2	925.5	872.2	815.0
40°	1301.5	1326.5	1338.6	1347.2	1338.6	1326.5	1301.5	1257.6	1196.3	1114.9	1038.0
37.5°	1847.3	1910.1	1945.7	1976.4	1945.7	1910.1	1847.3	1750.6	1621.4	1456.4	1347.3
35°	2743.4	2887.1	2971.8	2990.2	2971.8	2887.1	2743.4	2547.1	2305.9	2049.3	1830.5
32.5°	4207.2	4489.2	4657.8	4678.9	4657.8	4489.2	4207.2	3832.5	3345.7	2893.1	2530.4
30°	7237.5	8027.6	8569.1	8494.6	8569.1	8027.6	7237.5	6325.0	5149.6	4273.7	3538.2
27.5°	12632.5	14065.3	14996.1	14918.6	14996.1	14065.3	12632.5	10838.2	8647.9	6995.3	5098.9
25°	18398.5	19717.4	20495.9	20783.4	20495.9	19717.4	18398.5	16596.1	14251.6	11319.0	8251.9
22.5°	23107.1	24286.2	24959.7	25362.8	24959.7	24286.2	23107.1	21539.1	19261.1	16303.3	12883.3
20°	26714.8	27737.4	28316.7	28565.4	28316.7	27737.4	26714.8	25341.5	23328.8	20782.6	17289.5
17.5°	29490.3	30346.3	31002.2	31171.0	31002.2	30346.3	29490.3	28229.6	26445.3	24208.2	21168.9
15°	31945.3	33051.1	33824.4	34112.8	33824.4	33051.1	31945.3	30461.9	28857.7	26775.9	24145.8
12.5°	35041.1	36963.8	37985.9	38221.6	37985.9	36963.8	35041.1	32961.6	30811.6	28860.2	26327.4
10°	39616.8	42572.3	42907.2	42448.7	42907.2	42572.3	39616.8	36317.3	33093.4	30550.4	28010.6
7.5°	46281.0	50221.7	49369.6	47950.5	49369.6	50221.7	46281.0	40069.0	35419.0	32022.8	29223.6
5°	51049.9	56521.2	56691.1	55649.1	56691.1	56521.2	51049.9	44136.4	37896.1	33352.9	30191.3
2.5°	52948.4	58580.6	61383.8	61843.3	61383.8	58580.6	52948.4	45802.6	39283.0	34139.0	30824.1
0°	53090.5	59244.3	62567.9	63393.4	62567.9	59244.3	53090.5	46108.5	39515.0	34362.9	31060.8
-2.5°	52948.4	58580.6	61383.8	61843.3	61383.8	58580.6	52948.4	45802.6	39283.0	34139.0	30824.1
-5°	51049.9	56521.2	56691.1	55649.1	56691.1	56521.2	51049.9	44136.4	37896.1	33352.9	30191.3
-7.5°	46281.0	50221.7	49369.6	47950.5	49369.6	50221.7	46281.0	40069.0	35419.0	32022.8	29223.6
-10°	39616.8	42572.3	42907.2	42448.7	42907.2	42572.3	39616.8	36317.3	33093.4	30550.4	28010.6
-12.5°	35041.1	36963.8	37985.9	38221.6	37985.9	36963.8	35041.1	32961.6	30811.6	28860.2	26327.4
-15°	31945.3	33051.1	33824.4	34112.8	33824.4	33051.1	31945.3	30461.9	28857.7	26775.9	24145.8
-17.5°	29490.3	30346.3	31002.2	31171.0	31002.2	30346.3	29490.3	28229.6	26445.3	24208.2	21168.9
-20°	26714.8	27737.4	28316.7	28565.4	28316.7	27737.4	26714.8	25341.5	23328.8	20782.6	17289.5



REPORT NUMBER: P559196 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-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°	23107.1	24286.2	24959.7	25362.8	24959.7	24286.2	23107.1	21539.1	19261.1	16303.3	12883.3
-25°	18398.5	19717.4	20495.9	20783.4	20495.9	19717.4	18398.5	16596.1	14251.6	11319.0	8251.9
-27.5°	12632.5	14065.3	14996.1	14918.6	14996.1	14065.3	12632.5	10838.2	8647.9	6995.3	5098.9
-30°	7237.5	8027.6	8569.1	8494.6	8569.1	8027.6	7237.5	6325.0	5149.6	4273.7	3538.2
-32.5°	4207.2	4489.2	4657.8	4678.9	4657.8	4489.2	4207.2	3832.5	3345.7	2893.1	2530.4
-35°	2743.4	2887.1	2971.8	2990.2	2971.8	2887.1	2743.4	2547.1	2305.9	2049.3	1830.5
-37.5°	1847.3	1910.1	1945.7	1976.4	1945.7	1910.1	1847.3	1750.6	1621.4	1456.4	1347.3
-40°	1301.5	1326.5	1338.6	1347.2	1338.6	1326.5	1301.5	1257.6	1196.3	1114.9	1038.0
-42.5°	989.7	1003.8	1009.9	1011.1	1009.9	1003.8	989.7	964.2	925.5	872.2	815.0
-45°	780.7	790.0	794.5	795.9	794.5	790.0	780.7	763.2	736.5	702.5	665.4
-47.5°	638.1	641.8	644.1	645.4	644.1	641.8	638.1	631.0	621.1	608.7	593.2
-50°	573.4	575.8	578.4	580.8	578.4	575.8	573.4	569.9	566.0	561.3	554.6
-52.5°	540.5	540.1	541.2	543.2	541.2	540.1	540.5	540.3	539.5	538.2	536.5
-55°	528.6	525.9	524.6	524.4	524.6	525.9	528.6	531.6	534.9	538.7	542.9
-57.5°	546.1	542.9	541.1	540.5	541.1	542.9	546.1	549.6	553.4	558.2	563.0
-60°	577.2	580.0	580.8	580.8	580.8	580.0	577.2	574.0	570.1	566.8	563.2
-62.5°	565.6	573.8	577.3	578.1	577.3	573.8	565.6	556.4	546.5	536.6	525.8
-65°	497.3	502.0	503.5	502.8	503.5	502.0	497.3	491.2	483.9	474.5	463.0
-67.5°	418.1	419.9	421.6	422.2	421.6	419.9	418.1	414.8	410.1	402.9	393.5
-70°	347.7	350.2	351.8	352.3	351.8	350.2	347.7	344.1	339.5	333.9	327.1
-72.5°	283.9	286.0	286.0	285.0	286.0	286.0	283.9	281.1	277.5	273.0	267.1
-75°	223.5	224.6	225.5	225.9	225.5	224.6	223.5	221.8	219.4	216.1	211.2
-77.5°	165.3	165.8	165.2	164.0	165.2	165.8	165.3	164.3	162.5	160.1	156.9
-80°	118.2	120.3	119.5	118.3	119.5	120.3	118.2	115.7	113.1	110.5	109.2
-82.5°	77.1	77.6	77.9	78.0	77.9	77.6	77.1	76.4	75.5	74.4	73.1
-85°	42.5	42.8	44.3	45.7	44.3	42.8	42.5	42.1	41.6	41.0	40.3
-87.5°	15.3	16.0	16.1	16.1	16.1	16.0	15.3	14.5	13.7	12.9	12.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559196 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-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°	12.6	12.4	12.1	12.5	12.8	13.0	13.2	12.8	12.3	11.9	11.4
85°	39.4	38.5	37.4	35.9	34.4	32.9	31.5	30.3	29.0	27.6	26.1
82.5°	71.6	70.0	68.1	65.8	63.3	60.5	57.5	54.5	51.4	48.2	44.8
80°	107.5	105.5	103.1	100.4	97.2	93.6	89.7	85.3	80.6	75.8	71.3
77.5°	153.4	149.5	145.3	141.0	136.2	131.1	125.5	119.9	114.4	108.4	101.7
75°	205.8	199.8	193.7	187.7	181.2	174.1	167.0	159.7	152.0	143.7	134.6
72.5°	260.4	253.0	245.5	238.2	229.9	221.3	211.7	201.5	191.2	180.9	169.9
70°	319.1	310.0	300.6	291.3	282.0	271.8	259.5	245.9	231.4	218.0	205.2
67.5°	383.2	372.1	360.6	348.2	335.9	323.2	309.0	293.5	277.2	260.3	243.0
65°	450.3	436.5	423.4	409.7	394.6	377.9	359.7	341.9	323.9	304.5	284.2
62.5°	513.9	500.8	488.6	473.4	456.4	437.5	416.9	395.6	373.1	349.6	327.0
60°	558.8	554.3	542.6	529.4	515.1	498.4	475.4	451.1	425.5	399.0	371.3
57.5°	567.6	569.2	566.6	563.7	560.5	546.2	526.5	505.7	479.3	449.0	417.4
55°	547.4	553.9	561.2	569.0	573.9	567.6	562.1	549.1	525.2	499.7	465.7
52.5°	535.5	541.2	546.8	552.2	559.4	566.1	571.5	565.5	560.3	538.5	510.2
50°	549.3	547.1	544.3	543.6	547.7	551.2	557.6	565.1	568.4	562.2	546.2
47.5°	583.1	572.8	561.2	554.9	548.1	542.8	546.9	552.5	562.7	571.1	563.4
45°	645.4	621.4	596.0	581.3	564.7	554.1	544.0	545.5	552.6	562.5	572.7
42.5°	766.2	708.5	663.5	628.4	595.9	576.8	559.3	549.0	546.4	554.0	562.8
40°	956.2	860.6	787.7	705.8	653.5	610.4	584.7	562.8	551.8	548.5	553.6
37.5°	1219.3	1087.4	968.1	843.8	749.9	669.3	621.1	588.1	563.9	551.1	547.3
35°	1582.2	1389.4	1206.5	1044.2	887.2	772.9	675.4	622.3	586.3	560.5	546.1
32.5°	2126.8	1829.0	1513.3	1297.6	1085.3	906.1	774.1	671.7	611.1	577.0	554.4
30°	2919.1	2429.5	1995.2	1604.5	1327.4	1086.6	889.7	749.5	651.6	595.0	564.1
27.5°	4058.3	3190.2	2608.2	2054.0	1604.7	1301.8	1049.0	839.6	699.7	624.2	579.4
25°	6086.7	4389.3	3341.4	2612.1	2008.3	1529.2	1220.4	968.5	777.0	654.9	593.1
22.5°	9070.0	6434.7	4405.7	3225.5	2474.0	1869.3	1418.1	1103.1	849.9	700.2	617.5
20°	13376.0	9145.5	6173.9	4164.0	3015.7	2202.9	1637.0	1254.7	963.9	761.1	641.5
17.5°	17300.7	12939.4	8360.3	5275.6	3691.0	2659.8	1920.5	1400.3	1062.0	815.2	662.8
15°	20695.1	16224.7	11330.7	7120.5	4416.8	3080.3	2185.2	1531.1	1154.4	880.2	703.1
12.5°	23105.2	18935.2	14061.9	8714.2	5265.1	3552.7	2497.6	1740.8	1254.5	944.3	739.7
10°	25114.9	21065.3	16304.9	10838.0	6480.6	4060.9	2775.9	1916.7	1339.5	993.7	768.7
7.5°	26330.3	22641.0	18027.0	12629.9	7477.5	4487.5	3005.6	2048.4	1407.7	1028.8	789.9
5°	27258.5	23765.7	19278.9	13982.7	8297.5	4809.1	3188.1	2136.5	1457.4	1050.2	803.7
2.5°	27946.5	24410.7	20068.7	14800.1	8810.2	5019.9	3310.1	2199.2	1482.0	1069.2	815.3
0°	28049.1	24620.6	20116.5	14948.2	8680.1	5117.2	3358.6	2237.3	1481.6	1078.3	820.1
-2.5°	27946.5	24410.7	20068.7	14800.1	8810.2	5019.9	3310.1	2199.2	1482.0	1069.2	815.3
-5°	27258.5	23765.7	19278.9	13982.7	8297.5	4809.1	3188.1	2136.5	1457.4	1050.2	803.7
-7.5°	26330.3	22641.0	18027.0	12629.9	7477.5	4487.5	3005.6	2048.4	1407.7	1028.8	789.9
-10°	25114.9	21065.3	16304.9	10838.0	6480.6	4060.9	2775.9	1916.7	1339.5	993.7	768.7
-12.5°	23105.2	18935.2	14061.9	8714.2	5265.1	3552.7	2497.6	1740.8	1254.5	944.3	739.7
-15°	20695.1	16224.7	11330.7	7120.5	4416.8	3080.3	2185.2	1531.1	1154.4	880.2	703.1
-17.5°	17300.7	12939.4	8360.3	5275.6	3691.0	2659.8	1920.5	1400.3	1062.0	815.2	662.8
-20°	13376.0	9145.5	6173.9	4164.0	3015.7	2202.9	1637.0	1254.7	963.9	761.1	641.5



REPORT NUMBER: P559196 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9070.0	6434.7	4405.7	3225.5	2474.0	1869.3	1418.1	1103.1	849.9	700.2	617.5
-25°	6086.7	4389.3	3341.4	2612.1	2008.3	1529.2	1220.4	968.5	777.0	654.9	593.1
-27.5°	4058.3	3190.2	2608.2	2054.0	1604.7	1301.8	1049.0	839.6	699.7	624.2	579.4
-30°	2919.1	2429.5	1995.2	1604.5	1327.4	1086.6	889.7	749.5	651.6	595.0	564.1
-32.5°	2126.8	1829.0	1513.3	1297.6	1085.3	906.1	774.1	671.7	611.1	577.0	554.4
-35°	1582.2	1389.4	1206.5	1044.2	887.2	772.9	675.4	622.3	586.3	560.5	546.1
-37.5°	1219.3	1087.4	968.1	843.8	749.9	669.3	621.1	588.1	563.9	551.1	547.3
-40°	956.2	860.6	787.7	705.8	653.5	610.4	584.7	562.8	551.8	548.5	553.6
-42.5°	766.2	708.5	663.5	628.4	595.9	576.8	559.3	549.0	546.4	554.0	562.8
-45°	645.4	621.4	596.0	581.3	564.7	554.1	544.0	545.5	552.6	562.5	572.7
-47.5°	583.1	572.8	561.2	554.9	548.1	542.8	546.9	552.5	562.7	571.1	563.4
-50°	549.3	547.1	544.3	543.6	547.7	551.2	557.6	565.1	568.4	562.2	546.2
-52.5°	535.5	541.2	546.8	552.2	559.4	566.1	571.5	565.5	560.3	538.5	510.2
-55°	547.4	553.9	561.2	569.0	573.9	567.6	562.1	549.1	525.2	499.7	465.7
-57.5°	567.6	569.2	566.6	563.7	560.5	546.2	526.5	505.7	479.3	449.0	417.4
-60°	558.8	554.3	542.6	529.4	515.1	498.4	475.4	451.1	425.5	399.0	371.3
-62.5°	513.9	500.8	488.6	473.4	456.4	437.5	416.9	395.6	373.1	349.6	327.0
-65°	450.3	436.5	423.4	409.7	394.6	377.9	359.7	341.9	323.9	304.5	284.2
-67.5°	383.2	372.1	360.6	348.2	335.9	323.2	309.0	293.5	277.2	260.3	243.0
-70°	319.1	310.0	300.6	291.3	282.0	271.8	259.5	245.9	231.4	218.0	205.2
-72.5°	260.4	253.0	245.5	238.2	229.9	221.3	211.7	201.5	191.2	180.9	169.9
-75°	205.8	199.8	193.7	187.7	181.2	174.1	167.0	159.7	152.0	143.7	134.6
-77.5°	153.4	149.5	145.3	141.0	136.2	131.1	125.5	119.9	114.4	108.4	101.7
-80°	107.5	105.5	103.1	100.4	97.2	93.6	89.7	85.3	80.6	75.8	71.3
-82.5°	71.6	70.0	68.1	65.8	63.3	60.5	57.5	54.5	51.4	48.2	44.8
-85°	39.4	38.5	37.4	35.9	34.4	32.9	31.5	30.3	29.0	27.6	26.1
-87.5°	12.6	12.4	12.1	12.5	12.8	13.0	13.2	12.8	12.3	11.9	11.4
-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: P559196 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-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°	10.9	10.3	9.8	9.2	8.6	8.0	7.4	6.8	6.2	5.5	4.8
85°	24.8	23.4	21.8	20.0	18.1	16.1	14.9	13.6	12.3	11.0	9.7
82.5°	41.9	39.8	37.7	35.4	32.5	29.5	26.4	23.2	20.1	16.8	14.5
80°	66.7	62.2	57.6	53.0	47.8	42.8	38.7	34.5	30.6	26.4	21.8
77.5°	94.3	86.8	79.2	72.7	65.9	59.2	52.7	46.3	41.0	35.9	30.4
75°	124.2	114.6	105.2	95.5	85.4	75.6	67.4	59.6	52.5	45.5	38.9
72.5°	157.8	145.4	132.5	119.2	107.2	95.3	83.5	72.8	64.1	55.7	47.5
70°	191.6	177.2	162.4	147.0	130.8	114.9	101.3	88.4	75.6	65.7	56.1
67.5°	225.5	209.8	193.1	174.9	156.7	138.3	119.6	104.4	90.1	75.6	64.6
65°	264.3	244.1	223.9	204.0	183.2	162.0	141.4	121.5	104.4	88.4	72.9
62.5°	303.6	279.9	256.9	233.4	210.4	186.8	162.8	141.2	119.2	100.9	83.1
60°	343.9	317.5	290.0	263.6	237.7	211.9	185.7	160.5	136.7	113.1	93.8
57.5°	386.6	355.4	325.0	294.3	264.9	236.7	208.3	180.3	153.7	127.6	104.3
55°	429.8	395.0	360.1	326.3	292.7	261.0	230.4	199.9	170.5	142.4	114.6
52.5°	475.5	435.0	395.9	358.3	321.7	285.4	252.5	218.7	187.2	156.8	126.9
50°	515.0	476.2	432.0	390.4	350.3	311.9	274.2	238.4	203.2	170.8	139.0
47.5°	547.4	510.8	468.6	422.1	378.8	337.6	297.2	257.9	218.5	184.3	150.6
45°	561.3	540.7	500.8	454.4	406.8	363.1	319.9	277.0	235.6	197.2	161.6
42.5°	569.3	556.3	528.1	484.8	435.9	388.1	341.7	296.6	252.3	209.7	172.3
40°	561.6	563.8	549.4	510.5	464.4	412.0	363.4	315.5	268.5	222.4	182.8
37.5°	552.5	562.1	556.3	535.3	490.7	437.2	384.2	333.6	284.0	236.0	192.8
35°	546.9	553.9	563.7	549.7	512.3	461.3	404.0	351.0	299.1	248.8	202.3
32.5°	542.0	547.3	558.3	556.0	532.6	484.4	424.0	367.6	313.3	260.8	211.3
30°	546.3	543.4	551.9	561.7	547.5	502.1	443.5	383.2	326.7	271.9	220.1
27.5°	552.6	539.3	546.4	559.0	552.2	518.1	461.3	397.6	339.0	282.4	229.1
25°	560.0	541.9	542.8	553.9	556.5	532.6	477.5	411.0	350.7	292.4	237.3
22.5°	571.6	546.3	539.1	549.1	560.5	546.0	490.9	424.4	361.5	301.5	244.8
20°	581.9	549.8	535.5	544.6	559.7	549.3	501.8	436.3	371.2	309.7	251.5
17.5°	592.7	555.4	537.6	541.6	555.9	552.2	511.6	446.8	379.9	317.0	257.3
15°	610.2	563.0	540.2	539.0	552.3	554.8	520.3	455.8	387.3	323.3	262.4
12.5°	625.0	569.3	542.2	536.8	548.9	557.0	527.9	463.3	393.6	328.6	266.9
10°	637.1	574.3	543.5	535.0	545.8	558.8	534.2	470.1	399.4	332.7	270.5
7.5°	646.3	578.0	544.2	533.6	543.2	560.2	540.0	477.0	404.1	335.8	273.3
5°	653.1	582.0	546.2	532.9	541.7	561.2	544.4	482.6	407.7	337.8	275.4
2.5°	658.8	587.5	548.9	532.5	540.8	561.8	547.2	486.7	410.2	338.8	276.6
0°	661.5	591.6	551.2	532.4	540.5	562.0	548.6	489.4	411.4	338.8	277.0
-2.5°	658.8	587.5	548.9	532.5	540.8	561.8	547.2	486.7	410.2	338.8	276.6
-5°	653.1	582.0	546.2	532.9	541.7	561.2	544.4	482.6	407.7	337.8	275.4
-7.5°	646.3	578.0	544.2	533.6	543.2	560.2	540.0	477.0	404.1	335.8	273.3
-10°	637.1	574.3	543.5	535.0	545.8	558.8	534.2	470.1	399.4	332.7	270.5
-12.5°	625.0	569.3	542.2	536.8	548.9	557.0	527.9	463.3	393.6	328.6	266.9
-15°	610.2	563.0	540.2	539.0	552.3	554.8	520.3	455.8	387.3	323.3	262.4
-17.5°	592.7	555.4	537.6	541.6	555.9	552.2	511.6	446.8	379.9	317.0	257.3
-20°	581.9	549.8	535.5	544.6	559.7	549.3	501.8	436.3	371.2	309.7	251.5



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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°	571.6	546.3	539.1	549.1	560.5	546.0	490.9	424.4	361.5	301.5	244.8
-25°	560.0	541.9	542.8	553.9	556.5	532.6	477.5	411.0	350.7	292.4	237.3
-27.5°	552.6	539.3	546.4	559.0	552.2	518.1	461.3	397.6	339.0	282.4	229.1
-30°	546.3	543.4	551.9	561.7	547.5	502.1	443.5	383.2	326.7	271.9	220.1
-32.5°	542.0	547.3	558.3	556.0	532.6	484.4	424.0	367.6	313.3	260.8	211.3
-35°	546.9	553.9	563.7	549.7	512.3	461.3	404.0	351.0	299.1	248.8	202.3
-37.5°	552.5	562.1	556.3	535.3	490.7	437.2	384.2	333.6	284.0	236.0	192.8
-40°	561.6	563.8	549.4	510.5	464.4	412.0	363.4	315.5	268.5	222.4	182.8
-42.5°	569.3	556.3	528.1	484.8	435.9	388.1	341.7	296.6	252.3	209.7	172.3
-45°	561.3	540.7	500.8	454.4	406.8	363.1	319.9	277.0	235.6	197.2	161.6
-47.5°	547.4	510.8	468.6	422.1	378.8	337.6	297.2	257.9	218.5	184.3	150.6
-50°	515.0	476.2	432.0	390.4	350.3	311.9	274.2	238.4	203.2	170.8	139.0
-52.5°	475.5	435.0	395.9	358.3	321.7	285.4	252.5	218.7	187.2	156.8	126.9
-55°	429.8	395.0	360.1	326.3	292.7	261.0	230.4	199.9	170.5	142.4	114.6
-57.5°	386.6	355.4	325.0	294.3	264.9	236.7	208.3	180.3	153.7	127.6	104.3
-60°	343.9	317.5	290.0	263.6	237.7	211.9	185.7	160.5	136.7	113.1	93.8
-62.5°	303.6	279.9	256.9	233.4	210.4	186.8	162.8	141.2	119.2	100.9	83.1
-65°	264.3	244.1	223.9	204.0	183.2	162.0	141.4	121.5	104.4	88.4	72.9
-67.5°	225.5	209.8	193.1	174.9	156.7	138.3	119.6	104.4	90.1	75.6	64.6
-70°	191.6	177.2	162.4	147.0	130.8	114.9	101.3	88.4	75.6	65.7	56.1
-72.5°	157.8	145.4	132.5	119.2	107.2	95.3	83.5	72.8	64.1	55.7	47.5
-75°	124.2	114.6	105.2	95.5	85.4	75.6	67.4	59.6	52.5	45.5	38.9
-77.5°	94.3	86.8	79.2	72.7	65.9	59.2	52.7	46.3	41.0	35.9	30.4
-80°	66.7	62.2	57.6	53.0	47.8	42.8	38.7	34.5	30.6	26.4	21.8
-82.5°	41.9	39.8	37.7	35.4	32.5	29.5	26.4	23.2	20.1	16.8	14.5
-85°	24.8	23.4	21.8	20.0	18.1	16.1	14.9	13.6	12.3	11.0	9.7
-87.5°	10.9	10.3	9.8	9.2	8.6	8.0	7.4	6.8	6.2	5.5	4.8
-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°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
85°	8.3	7.0	5.6	4.2	2.8	1.4	0.0
82.5°	12.5	10.4	8.4	6.3	4.2	2.1	0.0
80°	17.0	13.9	11.1	8.4	5.6	2.8	0.0
77.5°	24.5	18.2	13.9	10.4	7.0	3.5	0.0
75°	31.9	24.3	17.0	12.5	8.3	4.2	0.0
72.5°	39.2	30.3	21.6	14.5	9.7	4.8	0.0
70°	46.4	36.2	26.3	16.7	11.0	5.5	0.0
67.5°	53.7	41.9	30.8	20.1	12.3	6.2	0.0
65°	60.9	47.9	35.2	23.4	13.6	6.8	0.0
62.5°	68.0	54.0	39.6	26.6	14.9	7.4	0.0
60°	75.0	60.0	43.8	29.7	16.1	8.0	0.0
57.5°	83.9	66.0	48.6	32.7	18.1	8.6	0.0
55°	92.7	71.8	53.4	35.6	20.1	9.2	0.0
52.5°	101.3	77.8	58.1	38.5	22.0	9.8	0.0
50°	109.7	84.8	62.6	41.2	23.9	10.3	0.0
47.5°	118.0	91.5	67.1	44.0	25.8	10.9	0.0
45°	127.4	98.0	71.4	47.2	27.5	11.4	0.0
42.5°	136.3	104.2	75.5	50.3	29.3	11.9	0.0
40°	144.7	110.1	79.9	53.4	30.9	12.3	0.0
37.5°	152.7	115.8	84.4	56.3	32.5	12.8	0.0
35°	160.1	121.7	88.7	59.0	34.0	13.2	0.0
32.5°	167.2	127.5	92.7	61.5	35.4	13.6	0.0
30°	174.3	132.9	96.5	63.7	36.8	13.9	0.0
27.5°	181.0	137.8	99.7	65.8	38.0	14.3	0.0
25°	187.2	142.3	102.7	67.7	39.2	14.6	0.0
22.5°	192.8	146.3	105.3	69.3	40.3	14.9	0.0
20°	197.9	149.7	107.7	70.8	41.3	15.1	0.0
17.5°	202.5	152.6	109.7	72.1	42.2	15.4	0.0
15°	206.4	155.2	111.5	73.1	43.0	15.6	0.0
12.5°	209.8	157.3	112.9	73.9	43.7	15.7	0.0
10°	212.7	159.0	114.1	74.6	44.3	15.9	0.0
7.5°	214.9	160.2	114.9	75.0	44.8	16.0	0.0
5°	216.5	161.0	115.5	75.3	45.2	16.0	0.0
2.5°	217.5	161.4	115.7	75.4	45.5	16.1	0.0
0°	217.8	161.3	115.6	75.3	45.7	16.1	0.0
-2.5°	217.5	161.4	115.7	75.4	45.5	16.1	0.0
-5°	216.5	161.0	115.5	75.3	45.2	16.0	0.0
-7.5°	214.9	160.2	114.9	75.0	44.8	16.0	0.0
-10°	212.7	159.0	114.1	74.6	44.3	15.9	0.0
-12.5°	209.8	157.3	112.9	73.9	43.7	15.7	0.0
-15°	206.4	155.2	111.5	73.1	43.0	15.6	0.0
-17.5°	202.5	152.6	109.7	72.1	42.2	15.4	0.0
-20°	197.9	149.7	107.7	70.8	41.3	15.1	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	192.8	146.3	105.3	69.3	40.3	14.9	0.0
-25°	187.2	142.3	102.7	67.7	39.2	14.6	0.0
-27.5°	181.0	137.8	99.7	65.8	38.0	14.3	0.0
-30°	174.3	132.9	96.5	63.7	36.8	13.9	0.0
-32.5°	167.2	127.5	92.7	61.5	35.4	13.6	0.0
-35°	160.1	121.7	88.7	59.0	34.0	13.2	0.0
-37.5°	152.7	115.8	84.4	56.3	32.5	12.8	0.0
-40°	144.7	110.1	79.9	53.4	30.9	12.3	0.0
-42.5°	136.3	104.2	75.5	50.3	29.3	11.9	0.0
-45°	127.4	98.0	71.4	47.2	27.5	11.4	0.0
-47.5°	118.0	91.5	67.1	44.0	25.8	10.9	0.0
-50°	109.7	84.8	62.6	41.2	23.9	10.3	0.0
-52.5°	101.3	77.8	58.1	38.5	22.0	9.8	0.0
-55°	92.7	71.8	53.4	35.6	20.1	9.2	0.0
-57.5°	83.9	66.0	48.6	32.7	18.1	8.6	0.0
-60°	75.0	60.0	43.8	29.7	16.1	8.0	0.0
-62.5°	68.0	54.0	39.6	26.6	14.9	7.4	0.0
-65°	60.9	47.9	35.2	23.4	13.6	6.8	0.0
-67.5°	53.7	41.9	30.8	20.1	12.3	6.2	0.0
-70°	46.4	36.2	26.3	16.7	11.0	5.5	0.0
-72.5°	39.2	30.3	21.6	14.5	9.7	4.8	0.0
-75°	31.9	24.3	17.0	12.5	8.3	4.2	0.0
-77.5°	24.5	18.2	13.9	10.4	7.0	3.5	0.0
-80°	17.0	13.9	11.1	8.4	5.6	2.8	0.0
-82.5°	12.5	10.4	8.4	6.3	4.2	2.1	0.0
-85°	8.3	7.0	5.6	4.2	2.8	1.4	0.0
-87.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)