

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: P559225 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-940-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559225 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6D-940-U-TSB-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, TIGHT SPOT BAFFLE N1
Light Source: (96) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

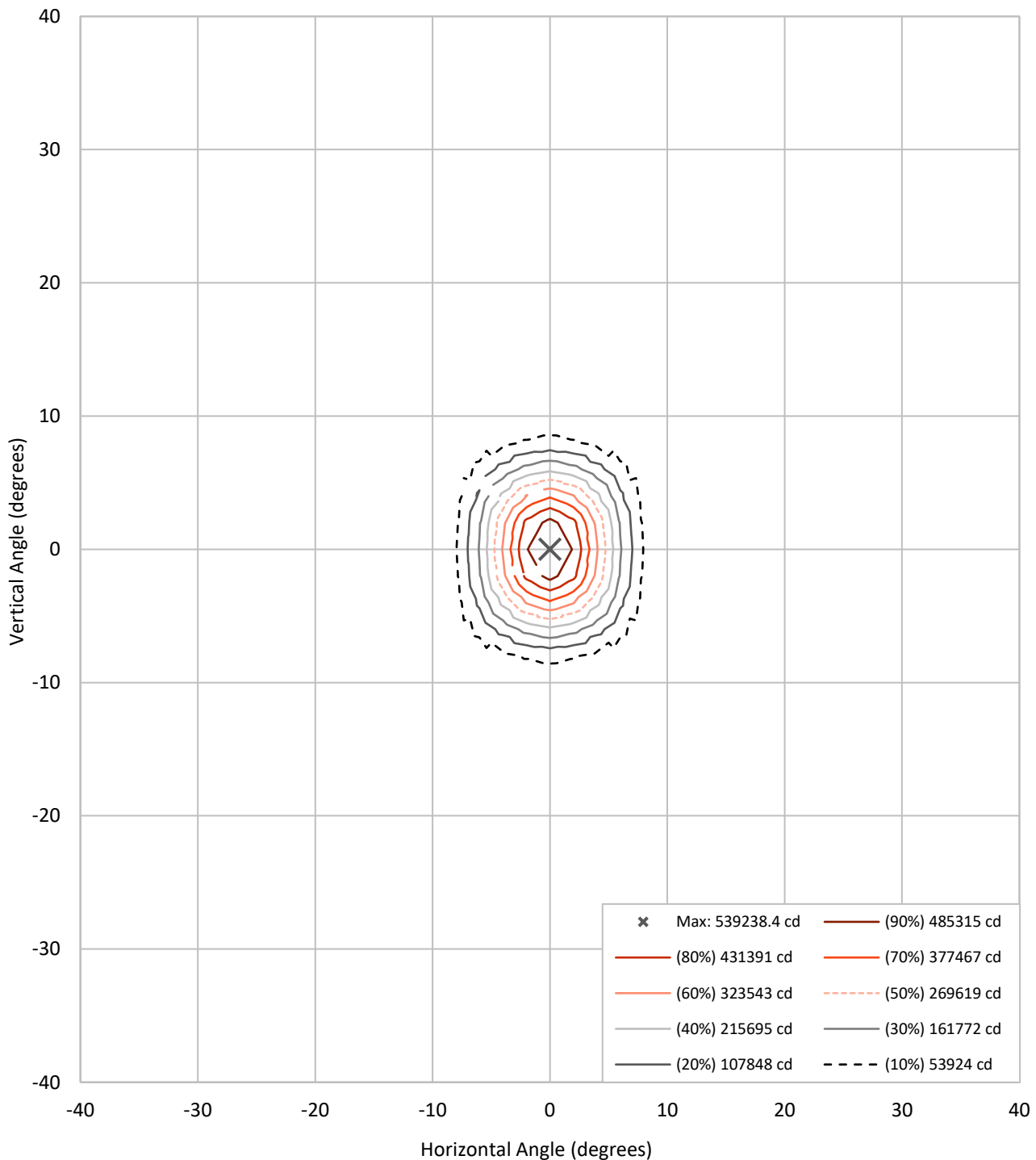
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	20999.1 lumens	Max Intensity:	539238.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	65.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	9000.6 lumens	Field Lumens:	15512.4 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

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





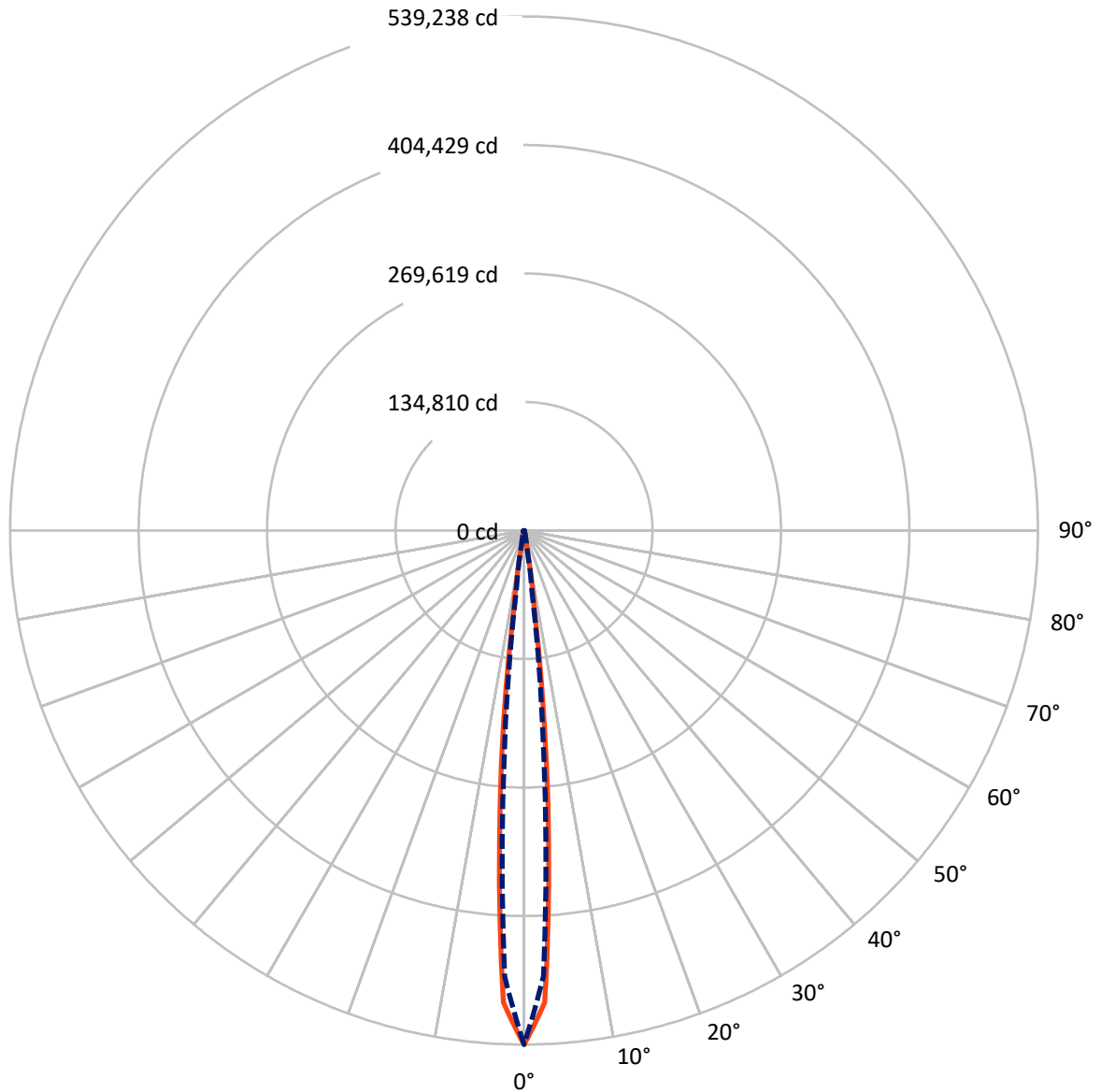
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Lumen Table

90	0.1	0.6	2.2	5.1	8.7	5.1	2.2	0.6	0.1							
80	0.1	0.6	2.2	5.1	8.7	5.1	2.2	0.6	0.1							
70	0.3	0.4	1.1	2.3	3.6	4.6	7.4	13.0	13.0	7.4	4.6	3.6	2.3	1.1	0.4	0.3
60		0.8	2.1	4.3	6.8	9.3	12.5	17.0	17.0	12.5	9.3	6.8	4.3	2.1	0.8	
50	1.1	1.5	3.3	6.8	11.9	17.8	22.8	27.3	27.3	22.8	17.8	11.9	6.8	3.3	1.5	1.1
40		2.3	4.7	10.2	18.5	24.9	28.1	29.8	29.8	28.1	24.9	18.5	10.2	4.7	2.3	
30	2.1	3.4	6.5	14.4	22.6	27.0	36.9	48.5	48.5	36.9	27.0	22.6	14.4	6.5	3.4	2.1
20		4.6	9.0	18.3	25.0	35.6	72.2	144.2	144.2	72.2	35.6	25.0	18.3	9.0	4.6	
10	2.5	5.2	10.7	20.4	26.0	45.7	142.7	4219.0	4219.0	142.7	45.7	26.0	20.4	10.7	5.2	2.5
0		5.2	10.7	20.4	26.0	45.7	142.7	4219.0	4219.0	142.7	45.7	26.0	20.4	10.7	5.2	
-10	2.1	4.6	9.0	18.3	25.0	35.6	72.2	144.2	144.2	72.2	35.6	25.0	18.3	9.0	4.6	2.1
-20		3.4	6.5	14.4	22.6	27.0	36.9	48.5	48.5	36.9	27.0	22.6	14.4	6.5	3.4	
-30	1.1	2.3	4.7	10.2	18.5	24.9	28.1	29.8	29.8	28.1	24.9	18.5	10.2	4.7	2.3	1.1
-40		1.5	3.3	6.8	11.9	17.8	22.8	27.3	27.3	22.8	17.8	11.9	6.8	3.3	1.5	
-50	0.3	0.8	2.1	4.3	6.8	9.3	12.5	17.0	17.0	12.5	9.3	6.8	4.3	2.1	0.8	0.3
-60		0.4	1.1	2.3	3.6	4.6	7.4	13.0	13.0	7.4	4.6	3.6	2.3	1.1	0.4	
-70	0.1	0.6	2.2	5.1	8.7	5.1	2.2	0.6	0.1							
-80		0.1	0.6	2.2	5.1	8.7	5.1	2.2	0.6	0.1						
-90	0.1	0.6	2.2	5.1	8.7	5.1	2.2	0.6	0.1							

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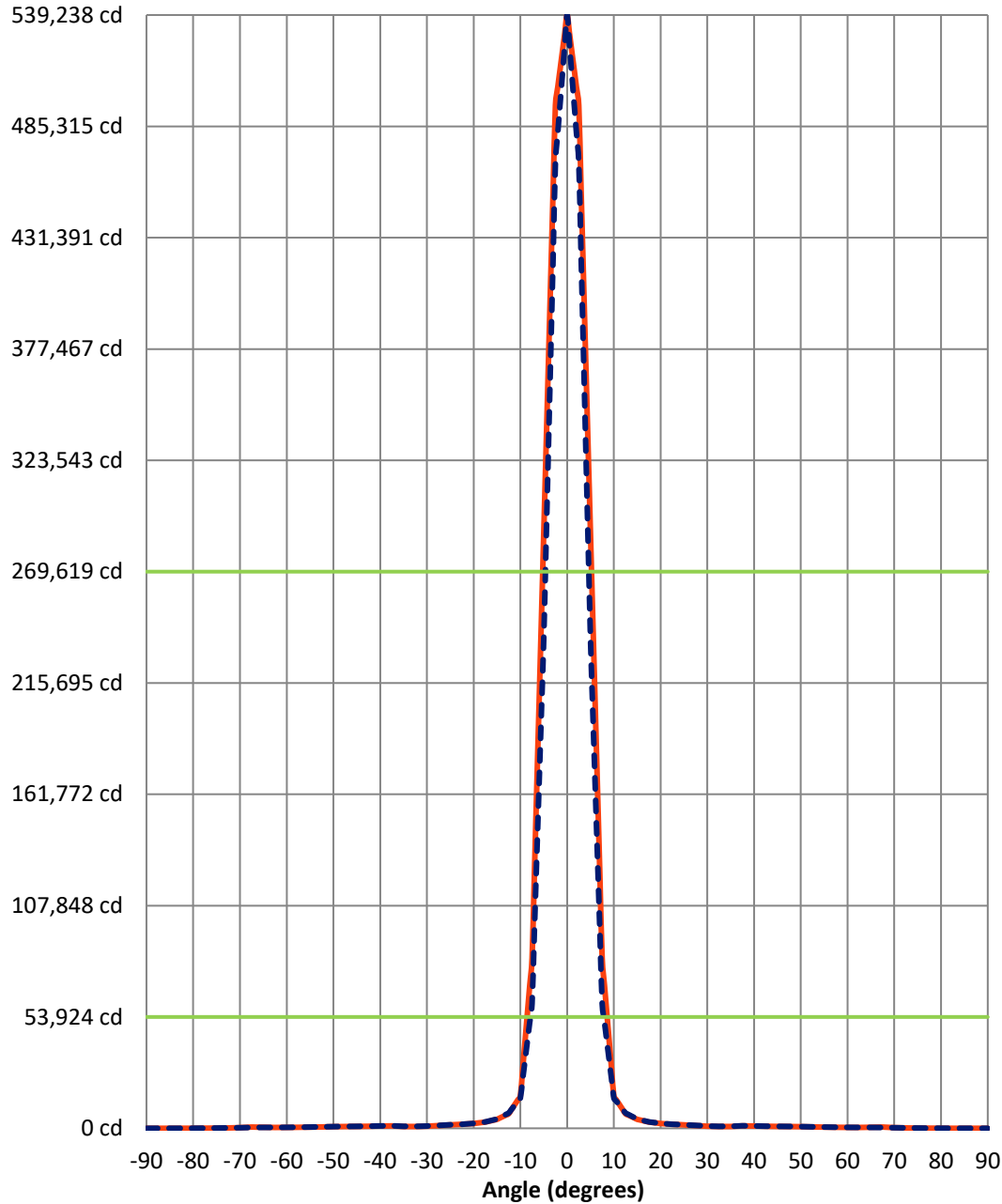
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 9.3°
 V Angle: 10.4°
 Lumens: 9000.6
 Efficiency: 42.9%

Field:
 H Angle: 15.7°
 V Angle: 17.1°
 Lumens: 15512.4
 Efficiency: 73.9%

Spill:
 Lumens: 5486.7
 Efficiency: 26.1%

- 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	0.5	0.8	1.1	1.3	1.6	1.8	2.1	2.3	2.6
85°	0.0	0.5	1.1	1.6	2.1	2.6	3.2	3.7	4.2	4.7	5.2
82.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.7	5.5	6.1	6.1	6.1
80°	0.0	1.1	2.1	3.2	4.2	5.3	6.1	6.1	6.1	6.1	6.1
77.5°	0.0	1.3	2.6	4.0	5.3	6.1	6.1	6.1	6.1	6.1	6.7
75°	0.0	1.6	3.2	4.7	6.1	6.1	6.1	6.1	6.3	8.1	9.4
72.5°	0.0	1.8	3.7	5.5	6.1	6.1	6.1	6.8	9.0	10.8	12.1
70°	0.0	2.1	4.2	6.1	6.1	6.1	6.4	9.3	11.6	13.5	16.8
67.5°	0.0	2.3	4.7	6.1	6.1	6.1	8.7	11.8	14.3	18.5	22.0
65°	0.0	2.6	5.2	6.1	6.1	7.1	11.0	14.3	19.0	23.5	28.1
62.5°	0.0	2.8	5.6	6.1	6.1	9.2	13.3	18.0	23.6	29.0	36.1
60°	0.0	3.0	6.1	6.1	6.1	11.2	15.6	22.2	28.3	36.7	44.2
57.5°	0.0	3.3	6.1	6.1	7.7	13.2	19.6	26.5	34.9	44.4	53.4
55°	0.0	3.5	6.2	6.1	9.3	15.2	23.8	31.1	42.1	52.6	63.4
52.5°	0.0	3.7	6.2	6.1	11.0	17.5	28.2	37.9	49.2	62.1	73.6
50°	0.0	3.9	6.3	6.1	12.6	21.3	32.6	45.3	56.9	71.7	85.9
47.5°	0.0	4.1	6.4	6.4	14.1	25.2	37.4	52.9	65.7	81.4	98.9
45°	0.0	4.3	6.5	7.5	15.7	29.1	44.3	60.8	76.2	93.7	112.3
42.5°	0.0	4.5	6.6	8.7	17.2	33.0	51.3	69.8	87.2	106.2	128.1
40°	0.0	4.7	6.7	9.8	19.4	36.9	58.3	79.7	99.3	119.2	144.9
37.5°	0.0	4.8	6.8	10.8	22.4	40.8	65.4	89.8	113.0	135.7	162.2
35°	0.0	5.0	6.9	11.7	25.4	45.9	72.6	100.0	126.9	154.6	178.9
32.5°	0.0	5.1	7.1	12.6	28.3	51.5	80.2	110.4	140.9	174.4	200.0
30°	0.0	5.3	7.2	13.3	31.1	57.0	88.5	121.2	155.0	194.8	223.8
27.5°	0.0	5.4	7.4	13.9	32.9	62.4	96.8	132.8	170.3	215.7	250.0
25°	0.0	5.5	7.6	14.4	34.3	67.7	105.0	144.3	187.5	237.5	278.2
22.5°	0.0	5.6	7.7	14.9	35.4	71.9	112.9	155.5	204.7	260.5	302.1
20°	0.0	5.7	7.9	15.2	36.2	73.4	120.7	166.5	221.8	284.4	325.6
17.5°	0.0	5.8	8.1	15.5	36.7	74.3	124.8	177.1	238.6	309.0	348.7
15°	0.0	5.9	8.2	15.6	36.9	74.7	126.3	184.8	255.0	333.9	371.4
12.5°	0.0	6.0	8.4	15.7	36.9	74.6	127.2	188.7	265.6	358.8	393.6
10°	0.0	6.0	8.6	15.8	36.7	74.1	127.5	192.3	271.0	368.4	409.3
7.5°	0.0	6.0	8.7	15.7	36.2	73.0	127.2	195.2	275.0	374.1	412.1
5°	0.0	6.1	8.9	15.6	35.6	71.6	126.4	197.5	277.7	378.0	414.4
2.5°	0.0	6.1	9.1	15.5	34.7	69.7	124.8	198.9	279.1	380.1	416.1
0°	0.0	6.1	9.2	15.3	33.7	67.5	122.7	199.4	279.2	380.4	417.2
-2.5°	0.0	6.1	9.1	15.5	34.7	69.7	124.8	198.9	279.1	380.1	416.1
-5°	0.0	6.1	8.9	15.6	35.6	71.6	126.4	197.5	277.7	378.0	414.4
-7.5°	0.0	6.0	8.7	15.7	36.2	73.0	127.2	195.2	275.0	374.1	412.1
-10°	0.0	6.0	8.6	15.8	36.7	74.1	127.5	192.3	271.0	368.4	409.3
-12.5°	0.0	6.0	8.4	15.7	36.9	74.6	127.2	188.7	265.6	358.8	393.6
-15°	0.0	5.9	8.2	15.6	36.9	74.7	126.3	184.8	255.0	333.9	371.4
-17.5°	0.0	5.8	8.1	15.5	36.7	74.3	124.8	177.1	238.6	309.0	348.7
-20°	0.0	5.7	7.9	15.2	36.2	73.4	120.7	166.5	221.8	284.4	325.6



REPORT NUMBER: P559225 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.6	7.7	14.9	35.4	71.9	112.9	155.5	204.7	260.5	302.1
-25°	0.0	5.5	7.6	14.4	34.3	67.7	105.0	144.3	187.5	237.5	278.2
-27.5°	0.0	5.4	7.4	13.9	32.9	62.4	96.8	132.8	170.3	215.7	250.0
-30°	0.0	5.3	7.2	13.3	31.1	57.0	88.5	121.2	155.0	194.8	223.8
-32.5°	0.0	5.1	7.1	12.6	28.3	51.5	80.2	110.4	140.9	174.4	200.0
-35°	0.0	5.0	6.9	11.7	25.4	45.9	72.6	100.0	126.9	154.6	178.9
-37.5°	0.0	4.8	6.8	10.8	22.4	40.8	65.4	89.8	113.0	135.7	162.2
-40°	0.0	4.7	6.7	9.8	19.4	36.9	58.3	79.7	99.3	119.2	144.9
-42.5°	0.0	4.5	6.6	8.7	17.2	33.0	51.3	69.8	87.2	106.2	128.1
-45°	0.0	4.3	6.5	7.5	15.7	29.1	44.3	60.8	76.2	93.7	112.3
-47.5°	0.0	4.1	6.4	6.4	14.1	25.2	37.4	52.9	65.7	81.4	98.9
-50°	0.0	3.9	6.3	6.1	12.6	21.3	32.6	45.3	56.9	71.7	85.9
-52.5°	0.0	3.7	6.2	6.1	11.0	17.5	28.2	37.9	49.2	62.1	73.6
-55°	0.0	3.5	6.2	6.1	9.3	15.2	23.8	31.1	42.1	52.6	63.4
-57.5°	0.0	3.3	6.1	6.1	7.7	13.2	19.6	26.5	34.9	44.4	53.4
-60°	0.0	3.0	6.1	6.1	6.1	11.2	15.6	22.2	28.3	36.7	44.2
-62.5°	0.0	2.8	5.6	6.1	6.1	9.2	13.3	18.0	23.6	29.0	36.1
-65°	0.0	2.6	5.2	6.1	6.1	7.1	11.0	14.3	19.0	23.5	28.1
-67.5°	0.0	2.3	4.7	6.1	6.1	6.1	8.7	11.8	14.3	18.5	22.0
-70°	0.0	2.1	4.2	6.1	6.1	6.1	6.4	9.3	11.6	13.5	16.8
-72.5°	0.0	1.8	3.7	5.5	6.1	6.1	6.1	6.8	9.0	10.8	12.1
-75°	0.0	1.6	3.2	4.7	6.1	6.1	6.1	6.1	6.3	8.1	9.4
-77.5°	0.0	1.3	2.6	4.0	5.3	6.1	6.1	6.1	6.1	6.1	6.7
-80°	0.0	1.1	2.1	3.2	4.2	5.3	6.1	6.1	6.1	6.1	6.1
-82.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.7	5.5	6.1	6.1	6.1
-85°	0.0	0.5	1.1	1.6	2.1	2.6	3.2	3.7	4.2	4.7	5.2
-87.5°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.8	2.1	2.3	2.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559225 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.5	2.3	2.1	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
85°	5.0	4.6	4.0	3.6	3.7	4.0	4.2	4.3	4.5	4.7	4.9
82.5°	5.7	5.4	5.2	5.3	5.6	5.9	6.2	6.8	7.4	7.9	8.4
80°	6.0	6.1	7.0	7.9	8.7	9.6	10.4	11.2	11.9	13.1	14.7
77.5°	7.9	9.1	10.3	11.4	12.7	15.1	17.1	18.8	20.9	23.4	26.0
75°	10.7	12.1	15.1	18.5	21.6	24.0	26.2	29.5	33.6	38.1	42.4
72.5°	14.7	18.4	22.5	26.8	31.9	36.3	40.5	44.5	51.1	58.3	63.7
70°	20.3	24.8	31.1	38.1	44.7	50.5	58.8	68.8	78.9	84.0	87.0
67.5°	26.0	33.4	41.2	49.5	58.7	68.3	79.8	90.6	100.9	105.1	108.9
65°	33.8	42.2	51.7	62.0	72.5	84.1	95.9	108.0	118.8	124.2	130.5
62.5°	41.8	51.7	62.7	74.2	85.9	98.4	112.7	124.9	134.1	145.2	158.1
60°	51.3	61.2	73.7	86.5	100.1	117.3	131.8	145.2	157.6	170.2	189.7
57.5°	61.4	71.0	84.9	100.0	118.5	138.2	154.6	169.2	186.4	204.3	224.0
55°	72.4	81.1	96.7	115.3	136.6	160.1	179.3	199.3	219.1	235.1	252.5
52.5°	85.0	92.9	109.3	130.7	155.4	181.8	207.3	228.2	246.5	264.1	284.0
50°	98.2	108.2	121.5	147.2	174.7	204.5	233.5	254.4	275.3	296.1	318.3
47.5°	113.5	124.7	135.8	163.6	194.7	225.3	255.3	282.0	305.2	332.8	358.3
45°	130.2	143.3	155.3	181.0	213.0	244.1	277.4	309.6	342.2	374.8	415.6
42.5°	147.9	162.1	177.4	197.3	229.3	263.8	299.5	342.4	383.6	429.0	482.0
40°	165.0	180.8	199.1	217.1	245.4	283.8	327.4	375.5	433.7	492.4	556.6
37.5°	181.8	200.0	219.6	238.3	263.4	306.6	354.6	416.0	486.1	560.3	642.0
35°	198.2	218.4	238.4	260.4	288.6	330.5	389.8	459.4	543.4	637.2	711.9
32.5°	214.3	235.9	256.3	282.9	317.5	360.5	423.7	511.2	608.2	703.4	753.4
30°	234.4	251.8	274.0	304.1	345.8	400.6	469.1	563.5	673.8	738.8	785.3
27.5°	261.3	267.5	292.7	327.8	374.9	440.0	525.2	623.3	714.5	771.6	813.2
25°	287.8	294.2	310.1	351.7	409.9	486.6	582.3	694.1	748.3	796.5	844.7
22.5°	313.0	319.8	339.9	374.2	443.6	534.1	645.3	743.2	794.8	825.6	877.7
20°	336.8	347.4	372.0	411.8	478.3	579.0	706.4	788.7	837.8	874.7	922.8
17.5°	359.7	374.3	404.5	452.8	527.1	629.5	762.0	834.0	882.0	917.5	977.1
15°	381.9	400.5	435.7	491.2	572.5	683.5	799.1	871.1	922.7	957.8	1027.4
12.5°	403.4	426.1	465.6	527.0	613.5	730.7	830.6	895.1	946.6	1000.1	1072.1
10°	424.2	450.8	494.1	560.1	650.2	771.3	856.8	914.4	965.8	1033.9	1109.0
7.5°	427.4	463.3	517.4	590.5	682.7	805.7	878.5	929.4	985.3	1064.9	1142.5
5°	427.4	462.3	519.1	598.5	698.1	826.0	893.6	940.8	1004.0	1092.5	1172.3
2.5°	427.1	460.2	519.5	601.1	702.0	828.0	895.8	943.8	1014.8	1119.5	1199.7
0°	426.4	457.1	518.4	601.3	702.5	825.2	895.7	944.8	1021.5	1144.2	1224.0
-2.5°	427.1	460.2	519.5	601.1	702.0	828.0	895.8	943.8	1014.8	1119.5	1199.7
-5°	427.4	462.3	519.1	598.5	698.1	826.0	893.6	940.8	1004.0	1092.5	1172.3
-7.5°	427.4	463.3	517.4	590.5	682.7	805.7	878.5	929.4	985.3	1064.9	1142.5
-10°	424.2	450.8	494.1	560.1	650.2	771.3	856.8	914.4	965.8	1033.9	1109.0
-12.5°	403.4	426.1	465.6	527.0	613.5	730.7	830.6	895.1	946.6	1000.1	1072.1
-15°	381.9	400.5	435.7	491.2	572.5	683.5	799.1	871.1	922.7	957.8	1027.4
-17.5°	359.7	374.3	404.5	452.8	527.1	629.5	762.0	834.0	882.0	917.5	977.1
-20°	336.8	347.4	372.0	411.8	478.3	579.0	706.4	788.7	837.8	874.7	922.8



REPORT NUMBER: P559225 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	313.0	319.8	339.9	374.2	443.6	534.1	645.3	743.2	794.8	825.6	877.7
-25°	287.8	294.2	310.1	351.7	409.9	486.6	582.3	694.1	748.3	796.5	844.7
-27.5°	261.3	267.5	292.7	327.8	374.9	440.0	525.2	623.3	714.5	771.6	813.2
-30°	234.4	251.8	274.0	304.1	345.8	400.6	469.1	563.5	673.8	738.8	785.3
-32.5°	214.3	235.9	256.3	282.9	317.5	360.5	423.7	511.2	608.2	703.4	753.4
-35°	198.2	218.4	238.4	260.4	288.6	330.5	389.8	459.4	543.4	637.2	711.9
-37.5°	181.8	200.0	219.6	238.3	263.4	306.6	354.6	416.0	486.1	560.3	642.0
-40°	165.0	180.8	199.1	217.1	245.4	283.8	327.4	375.5	433.7	492.4	556.6
-42.5°	147.9	162.1	177.4	197.3	229.3	263.8	299.5	342.4	383.6	429.0	482.0
-45°	130.2	143.3	155.3	181.0	213.0	244.1	277.4	309.6	342.2	374.8	415.6
-47.5°	113.5	124.7	135.8	163.6	194.7	225.3	255.3	282.0	305.2	332.8	358.3
-50°	98.2	108.2	121.5	147.2	174.7	204.5	233.5	254.4	275.3	296.1	318.3
-52.5°	85.0	92.9	109.3	130.7	155.4	181.8	207.3	228.2	246.5	264.1	284.0
-55°	72.4	81.1	96.7	115.3	136.6	160.1	179.3	199.3	219.1	235.1	252.5
-57.5°	61.4	71.0	84.9	100.0	118.5	138.2	154.6	169.2	186.4	204.3	224.0
-60°	51.3	61.2	73.7	86.5	100.1	117.3	131.8	145.2	157.6	170.2	189.7
-62.5°	41.8	51.7	62.7	74.2	85.9	98.4	112.7	124.9	134.1	145.2	158.1
-65°	33.8	42.2	51.7	62.0	72.5	84.1	95.9	108.0	118.8	124.2	130.5
-67.5°	26.0	33.4	41.2	49.5	58.7	68.3	79.8	90.6	100.9	105.1	108.9
-70°	20.3	24.8	31.1	38.1	44.7	50.5	58.8	68.8	78.9	84.0	87.0
-72.5°	14.7	18.4	22.5	26.8	31.9	36.3	40.5	44.5	51.1	58.3	63.7
-75°	10.7	12.1	15.1	18.5	21.6	24.0	26.2	29.5	33.6	38.1	42.4
-77.5°	7.9	9.1	10.3	11.4	12.7	15.1	17.1	18.8	20.9	23.4	26.0
-80°	6.0	6.1	7.0	7.9	8.7	9.6	10.4	11.2	11.9	13.1	14.7
-82.5°	5.7	5.4	5.2	5.3	5.6	5.9	6.2	6.8	7.4	7.9	8.4
-85°	5.0	4.6	4.0	3.6	3.7	4.0	4.2	4.3	4.5	4.7	4.9
-87.5°	2.5	2.3	2.1	1.8	1.9	2.0	2.1	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: P559225 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-940-U-TSB-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	3.0	3.1
85°	5.0	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.0
82.5°	8.9	9.4	9.8	10.2	10.5	10.9	11.2	11.4	11.7	11.9	12.0
80°	16.4	17.7	18.7	19.4	20.0	22.1	24.8	27.6	30.6	31.7	32.4
77.5°	29.2	31.4	32.7	33.7	34.4	39.2	45.3	51.8	58.4	61.9	64.8
75°	46.6	49.2	50.7	51.9	52.6	60.0	70.9	82.3	94.1	100.3	104.7
72.5°	67.3	69.5	71.1	72.6	73.5	84.3	104.0	125.3	148.0	161.9	172.0
70°	89.7	92.1	94.1	95.8	97.0	110.1	138.5	168.3	199.1	230.0	262.8
67.5°	113.4	118.5	121.2	122.8	124.4	135.4	165.8	193.8	219.7	275.5	363.3
65°	139.3	151.2	156.1	158.9	159.9	165.0	190.9	214.3	235.4	278.8	345.8
62.5°	172.3	187.9	195.1	198.2	200.1	200.4	221.6	241.3	259.3	286.4	329.0
60°	207.8	224.7	233.5	235.9	237.5	238.2	255.0	274.5	292.5	314.6	354.3
57.5°	240.4	256.2	269.3	274.4	278.5	281.4	296.3	319.1	340.4	362.5	405.2
55°	271.5	290.6	308.8	318.8	328.2	336.5	351.1	379.9	407.4	433.2	477.6
52.5°	305.4	329.8	354.1	372.2	390.0	405.6	421.4	458.7	495.3	529.8	573.0
50°	345.8	376.0	411.3	441.1	466.6	491.8	514.4	558.5	608.1	655.2	700.5
47.5°	397.0	436.9	482.1	524.5	559.2	598.2	633.5	678.9	722.7	766.6	804.1
45°	459.9	515.2	567.3	623.6	673.0	698.8	719.3	747.6	792.7	835.7	870.7
42.5°	540.4	604.7	668.9	710.7	742.5	763.5	778.4	793.2	840.5	882.0	915.9
40°	630.0	694.6	734.1	768.4	790.5	809.1	832.5	855.5	892.6	935.2	972.9
37.5°	707.6	749.0	783.8	810.7	837.4	862.2	895.9	929.0	964.3	1012.1	1047.1
35°	755.4	791.8	827.1	860.9	895.0	933.2	975.3	1024.0	1067.2	1027.9	971.1
32.5°	791.9	829.2	871.8	924.0	971.0	1023.1	1075.8	991.0	904.1	870.2	877.1
30°	823.6	867.0	925.7	993.8	1059.1	1035.7	919.9	879.4	891.4	915.2	961.0
27.5°	857.6	911.7	983.1	1066.9	1015.5	887.3	894.0	917.5	996.9	1064.4	1166.6
25°	897.8	963.2	1051.8	1013.1	895.6	907.7	967.2	1056.8	1208.1	1349.3	1472.7
22.5°	946.3	1029.5	1041.2	895.6	911.7	989.4	1110.0	1304.3	1488.1	1658.7	1786.0
20°	995.6	1091.6	944.0	913.2	981.5	1120.3	1344.3	1567.3	1772.5	1925.1	2052.5
17.5°	1054.6	1020.7	916.3	949.0	1087.1	1326.8	1579.0	1815.4	2008.9	2272.7	2497.2
15°	1106.3	952.5	933.1	1041.1	1248.8	1518.6	1792.5	2004.9	2354.5	2732.5	3114.8
12.5°	1076.6	928.3	963.1	1123.1	1396.1	1687.7	1930.0	2266.1	2728.6	3280.7	4110.3
10°	1032.7	941.9	1027.1	1236.4	1522.3	1806.3	2058.0	2498.5	3109.0	4123.0	5429.3
7.5°	998.8	947.7	1069.3	1323.5	1616.0	1877.8	2213.3	2747.6	3598.6	4989.7	7770.9
5°	973.1	947.5	1088.7	1373.9	1671.6	1927.3	2309.2	2928.8	4078.4	6060.3	10812.9
2.5°	961.7	942.5	1094.1	1401.0	1698.8	1954.8	2368.8	3059.0	4381.2	7054.9	14218.4
0°	969.4	932.6	1092.1	1411.1	1714.8	1951.0	2377.4	3098.3	4472.6	7422.1	14675.5
-2.5°	961.7	942.5	1094.1	1401.0	1698.8	1954.8	2368.8	3059.0	4381.2	7054.9	14218.4
-5°	973.1	947.5	1088.7	1373.9	1671.6	1927.3	2309.2	2928.8	4078.4	6060.3	10812.9
-7.5°	998.8	947.7	1069.3	1323.5	1616.0	1877.8	2213.3	2747.6	3598.6	4989.7	7770.9
-10°	1032.7	941.9	1027.1	1236.4	1522.3	1806.3	2058.0	2498.5	3109.0	4123.0	5429.3
-12.5°	1076.6	928.3	963.1	1123.1	1396.1	1687.7	1930.0	2266.1	2728.6	3280.7	4110.3
-15°	1106.3	952.5	933.1	1041.1	1248.8	1518.6	1792.5	2004.9	2354.5	2732.5	3114.8
-17.5°	1054.6	1020.7	916.3	949.0	1087.1	1326.8	1579.0	1815.4	2008.9	2272.7	2497.2
-20°	995.6	1091.6	944.0	913.2	981.5	1120.3	1344.3	1567.3	1772.5	1925.1	2052.5



REPORT NUMBER: P559225 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	946.3	1029.5	1041.2	895.6	911.7	989.4	1110.0	1304.3	1488.1	1658.7	1786.0
-25°	897.8	963.2	1051.8	1013.1	895.6	907.7	967.2	1056.8	1208.1	1349.3	1472.7
-27.5°	857.6	911.7	983.1	1066.9	1015.5	887.3	894.0	917.5	996.9	1064.4	1166.6
-30°	823.6	867.0	925.7	993.8	1059.1	1035.7	919.9	879.4	891.4	915.2	961.0
-32.5°	791.9	829.2	871.8	924.0	971.0	1023.1	1075.8	991.0	904.1	870.2	877.1
-35°	755.4	791.8	827.1	860.9	895.0	933.2	975.3	1024.0	1067.2	1027.9	971.1
-37.5°	707.6	749.0	783.8	810.7	837.4	862.2	895.9	929.0	964.3	1012.1	1047.1
-40°	630.0	694.6	734.1	768.4	790.5	809.1	832.5	855.5	892.6	935.2	972.9
-42.5°	540.4	604.7	668.9	710.7	742.5	763.5	778.4	793.2	840.5	882.0	915.9
-45°	459.9	515.2	567.3	623.6	673.0	698.8	719.3	747.6	792.7	835.7	870.7
-47.5°	397.0	436.9	482.1	524.5	559.2	598.2	633.5	678.9	722.7	766.6	804.1
-50°	345.8	376.0	411.3	441.1	466.6	491.8	514.4	558.5	608.1	655.2	700.5
-52.5°	305.4	329.8	354.1	372.2	390.0	405.6	421.4	458.7	495.3	529.8	573.0
-55°	271.5	290.6	308.8	318.8	328.2	336.5	351.1	379.9	407.4	433.2	477.6
-57.5°	240.4	256.2	269.3	274.4	278.5	281.4	296.3	319.1	340.4	362.5	405.2
-60°	207.8	224.7	233.5	235.9	237.5	238.2	255.0	274.5	292.5	314.6	354.3
-62.5°	172.3	187.9	195.1	198.2	200.1	200.4	221.6	241.3	259.3	286.4	329.0
-65°	139.3	151.2	156.1	158.9	159.9	165.0	190.9	214.3	235.4	278.8	345.8
-67.5°	113.4	118.5	121.2	122.8	124.4	135.4	165.8	193.8	219.7	275.5	363.3
-70°	89.7	92.1	94.1	95.8	97.0	110.1	138.5	168.3	199.1	230.0	262.8
-72.5°	67.3	69.5	71.1	72.6	73.5	84.3	104.0	125.3	148.0	161.9	172.0
-75°	46.6	49.2	50.7	51.9	52.6	60.0	70.9	82.3	94.1	100.3	104.7
-77.5°	29.2	31.4	32.7	33.7	34.4	39.2	45.3	51.8	58.4	61.9	64.8
-80°	16.4	17.7	18.7	19.4	20.0	22.1	24.8	27.6	30.6	31.7	32.4
-82.5°	8.9	9.4	9.8	10.2	10.5	10.9	11.2	11.4	11.7	11.9	12.0
-85°	5.0	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.0
-87.5°	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3.0	3.0	3.0	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



REPORT NUMBER: P559225 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-940-U-TSB-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°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0
85°	6.0	6.1	6.1	6.1	6.1	6.1	6.0	6.0	6.0	5.9	5.8
82.5°	12.1	12.2	12.3	12.3	12.3	12.2	12.1	12.0	11.9	11.7	11.4
80°	33.0	33.4	32.1	30.7	32.1	33.4	33.0	32.4	31.7	30.6	27.6
77.5°	67.4	69.8	67.4	64.4	67.4	69.8	67.4	64.8	61.9	58.4	51.8
75°	108.7	112.3	110.3	107.4	110.3	112.3	108.7	104.7	100.3	94.1	82.3
72.5°	181.6	190.5	188.4	184.1	188.4	190.5	181.6	172.0	161.9	148.0	125.3
70°	297.3	332.2	330.8	322.1	330.8	332.2	297.3	262.8	230.0	199.1	168.3
67.5°	458.4	557.3	588.7	604.3	588.7	557.3	458.4	363.3	275.5	219.7	193.8
65°	408.2	468.0	491.6	509.2	491.6	468.0	408.2	345.8	278.8	235.4	214.3
62.5°	367.2	402.6	410.3	411.1	410.3	402.6	367.2	329.0	286.4	259.3	241.3
60°	392.9	430.5	436.2	429.5	436.2	430.5	392.9	354.3	314.6	292.5	274.5
57.5°	446.3	485.7	493.0	484.7	493.0	485.7	446.3	405.2	362.5	340.4	319.1
55°	520.1	559.9	573.1	570.6	573.1	559.9	520.1	477.6	433.2	407.4	379.9
52.5°	614.2	650.9	666.0	665.7	666.0	650.9	614.2	573.0	529.8	495.3	458.7
50°	740.0	772.8	789.1	791.4	789.1	772.8	740.0	700.5	655.2	608.1	558.5
47.5°	830.8	852.4	863.6	865.1	863.6	852.4	830.8	804.1	766.6	722.7	678.9
45°	886.3	897.9	906.7	914.2	906.7	897.9	886.3	870.7	835.7	792.7	747.6
42.5°	938.6	962.8	980.6	984.7	980.6	962.8	938.6	915.9	882.0	840.5	793.2
40°	1008.6	1042.0	1073.9	1107.4	1073.9	1042.0	1008.6	972.9	935.2	892.6	855.5
37.5°	1083.5	1120.6	1151.5	1168.8	1151.5	1120.6	1083.5	1047.1	1012.1	964.3	929.0
35°	931.1	906.8	892.3	886.5	892.3	906.8	931.1	971.1	1027.9	1067.2	1024.0
32.5°	881.2	883.0	880.1	874.3	880.1	883.0	881.2	877.1	870.2	904.1	991.0
30°	995.0	1011.2	1013.2	1012.3	1013.2	1011.2	995.0	961.0	915.2	891.4	879.4
27.5°	1242.3	1283.7	1296.6	1322.1	1296.6	1283.7	1242.3	1166.6	1064.4	996.9	917.5
25°	1568.2	1630.8	1660.8	1671.9	1660.8	1630.8	1568.2	1472.7	1349.3	1208.1	1056.8
22.5°	1857.9	1905.7	1933.6	1957.1	1933.6	1905.7	1857.9	1786.0	1658.7	1488.1	1304.3
20°	2201.2	2288.4	2328.4	2331.4	2328.4	2288.4	2201.2	2052.5	1925.1	1772.5	1567.3
17.5°	2737.2	2906.9	2991.6	3015.5	2991.6	2906.9	2737.2	2497.2	2272.7	2008.9	1815.4
15°	3582.8	4015.7	4238.5	4343.7	4238.5	4015.7	3582.8	3114.8	2732.5	2354.5	2004.9
12.5°	4962.1	5938.3	6727.8	7024.9	6727.8	5938.3	4962.1	4110.3	3280.7	2728.6	2266.1
10°	7695.1	10610.4	14016.1	15605.0	14016.1	10610.4	7695.1	5429.3	4123.0	3109.0	2498.5
7.5°	14886.9	34564.7	66992.1	82460.7	66992.1	34564.7	14886.9	7770.9	4989.7	3598.6	2747.6
5°	31731.9	136944.6	245250.7	288067.9	245250.7	136944.6	31731.9	10812.9	6060.3	4078.4	2928.8
2.5°	50541.9	224607.1	423797.4	495543.3	423797.4	224607.1	50541.9	14218.4	7054.9	4381.2	3059.0
0°	60387.6	236694.4	467650.9	539238.4	467650.9	236694.4	60387.6	14675.5	7422.1	4472.6	3098.3
-2.5°	50541.9	224607.1	423797.4	495543.2	423797.4	224607.1	50541.9	14218.4	7054.9	4381.2	3059.0
-5°	31731.9	136944.6	245250.7	288067.9	245250.7	136944.6	31731.9	10812.9	6060.3	4078.4	2928.8
-7.5°	14886.9	34564.7	66992.1	82460.7	66992.1	34564.7	14886.9	7770.9	4989.7	3598.6	2747.6
-10°	7695.1	10610.4	14016.1	15605.0	14016.1	10610.4	7695.1	5429.3	4123.0	3109.0	2498.5
-12.5°	4962.1	5938.3	6727.8	7024.9	6727.8	5938.3	4962.1	4110.3	3280.7	2728.6	2266.1
-15°	3582.8	4015.7	4238.5	4343.7	4238.5	4015.7	3582.8	3114.8	2732.5	2354.5	2004.9
-17.5°	2737.2	2906.9	2991.6	3015.5	2991.6	2906.9	2737.2	2497.2	2272.7	2008.9	1815.4
-20°	2201.2	2288.4	2328.4	2331.4	2328.4	2288.4	2201.2	2052.5	1925.1	1772.5	1567.3



REPORT NUMBER: P559225 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1857.9	1905.7	1933.6	1957.1	1933.6	1905.7	1857.9	1786.0	1658.7	1488.1	1304.3
-25°	1568.2	1630.8	1660.8	1671.9	1660.8	1630.8	1568.2	1472.7	1349.3	1208.1	1056.8
-27.5°	1242.3	1283.7	1296.6	1322.1	1296.6	1283.7	1242.3	1166.6	1064.4	996.9	917.5
-30°	995.0	1011.2	1013.2	1012.3	1013.2	1011.2	995.0	961.0	915.2	891.4	879.4
-32.5°	881.2	883.0	880.1	874.3	880.1	883.0	881.2	877.1	870.2	904.1	991.0
-35°	931.1	906.8	892.3	886.5	892.3	906.8	931.1	971.1	1027.9	1067.2	1024.0
-37.5°	1083.5	1120.6	1151.5	1168.8	1151.5	1120.6	1083.5	1047.1	1012.1	964.3	929.0
-40°	1008.6	1042.0	1073.9	1107.4	1073.9	1042.0	1008.6	972.9	935.2	892.6	855.5
-42.5°	938.6	962.8	980.6	984.7	980.6	962.8	938.6	915.9	882.0	840.5	793.2
-45°	886.3	897.9	906.7	914.2	906.7	897.9	886.3	870.7	835.7	792.7	747.6
-47.5°	830.8	852.4	863.6	865.1	863.6	852.4	830.8	804.1	766.6	722.7	678.9
-50°	740.0	772.8	789.1	791.4	789.1	772.8	740.0	700.5	655.2	608.1	558.5
-52.5°	614.2	650.9	666.0	665.7	666.0	650.9	614.2	573.0	529.8	495.3	458.7
-55°	520.1	559.9	573.1	570.6	573.1	559.9	520.1	477.6	433.2	407.4	379.9
-57.5°	446.3	485.7	493.0	484.7	493.0	485.7	446.3	405.2	362.5	340.4	319.1
-60°	392.9	430.5	436.2	429.5	436.2	430.5	392.9	354.3	314.6	292.5	274.5
-62.5°	367.2	402.6	410.3	411.1	410.3	402.6	367.2	329.0	286.4	259.3	241.3
-65°	408.2	468.0	491.6	509.2	491.6	468.0	408.2	345.8	278.8	235.4	214.3
-67.5°	458.4	557.3	588.7	604.3	588.7	557.3	458.4	363.3	275.5	219.7	193.8
-70°	297.3	332.2	330.8	322.1	330.8	332.2	297.3	262.8	230.0	199.1	168.3
-72.5°	181.6	190.5	188.4	184.1	188.4	190.5	181.6	172.0	161.9	148.0	125.3
-75°	108.7	112.3	110.3	107.4	110.3	112.3	108.7	104.7	100.3	94.1	82.3
-77.5°	67.4	69.8	67.4	64.4	67.4	69.8	67.4	64.8	61.9	58.4	51.8
-80°	33.0	33.4	32.1	30.7	32.1	33.4	33.0	32.4	31.7	30.6	27.6
-82.5°	12.1	12.2	12.3	12.3	12.3	12.2	12.1	12.0	11.9	11.7	11.4
-85°	6.0	6.1	6.1	6.1	6.1	6.1	6.0	6.0	6.0	5.9	5.8
-87.5°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559225 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.9	2.9	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2
85°	5.7	5.6	5.5	5.4	5.3	5.2	5.0	4.9	4.7	4.5	4.3
82.5°	11.2	10.9	10.5	10.2	9.8	9.4	8.9	8.4	7.9	7.4	6.8
80°	24.8	22.1	20.0	19.4	18.7	17.7	16.4	14.7	13.1	11.9	11.2
77.5°	45.3	39.2	34.4	33.7	32.7	31.4	29.2	26.0	23.4	20.9	18.8
75°	70.9	60.0	52.6	51.9	50.7	49.2	46.6	42.4	38.1	33.6	29.5
72.5°	104.0	84.3	73.5	72.6	71.1	69.5	67.3	63.7	58.3	51.1	44.5
70°	138.5	110.1	97.0	95.8	94.1	92.1	89.7	87.0	84.0	78.9	68.8
67.5°	165.8	135.4	124.4	122.8	121.2	118.5	113.4	108.9	105.1	100.9	90.6
65°	190.9	165.0	159.9	158.9	156.1	151.2	139.3	130.5	124.2	118.8	108.0
62.5°	221.6	200.4	200.1	198.2	195.1	187.9	172.3	158.1	145.2	134.1	124.9
60°	255.0	238.2	237.5	235.9	233.5	224.7	207.8	189.7	170.2	157.6	145.2
57.5°	296.3	281.4	278.5	274.4	269.3	256.2	240.4	224.0	204.3	186.4	169.2
55°	351.1	336.5	328.2	318.8	308.8	290.6	271.5	252.5	235.1	219.1	199.3
52.5°	421.4	405.6	390.0	372.2	354.1	329.8	305.4	284.0	264.1	246.5	228.2
50°	514.4	491.8	466.6	441.1	411.3	376.0	345.8	318.3	296.1	275.3	254.4
47.5°	633.5	598.2	559.2	524.5	482.1	436.9	397.0	358.3	332.8	305.2	282.0
45°	719.3	698.8	673.0	623.6	567.3	515.2	459.9	415.6	374.8	342.2	309.6
42.5°	778.4	763.5	742.5	710.7	668.9	604.7	540.4	482.0	429.0	383.6	342.4
40°	832.5	809.1	790.5	768.4	734.1	694.6	630.0	556.6	492.4	433.7	375.5
37.5°	895.9	862.2	837.4	810.7	783.8	749.0	707.6	642.0	560.3	486.1	416.0
35°	975.3	933.2	895.0	860.9	827.1	791.8	755.4	711.9	637.2	543.4	459.4
32.5°	1075.8	1023.1	971.0	924.0	871.8	829.2	791.9	753.4	703.4	608.2	511.2
30°	919.9	1035.7	1059.1	993.8	925.7	867.0	823.6	785.3	738.8	673.8	563.5
27.5°	894.0	887.3	1015.5	1066.9	983.1	911.7	857.6	813.2	771.6	714.5	623.3
25°	967.2	907.7	895.6	1013.1	1051.8	963.2	897.8	844.7	796.5	748.3	694.1
22.5°	1110.0	989.4	911.7	895.6	1041.2	1029.5	946.3	877.7	825.6	794.8	743.2
20°	1344.3	1120.3	981.5	913.2	944.0	1091.6	995.6	922.8	874.7	837.8	788.7
17.5°	1579.0	1326.8	1087.1	949.0	916.3	1020.7	1054.6	977.1	917.5	882.0	834.0
15°	1792.5	1518.6	1248.8	1041.1	933.1	952.5	1106.3	1027.4	957.8	922.7	871.1
12.5°	1930.0	1687.7	1396.1	1123.1	963.1	928.3	1076.6	1072.1	1000.1	946.6	895.1
10°	2058.0	1806.3	1522.3	1236.4	1027.1	941.9	1032.7	1109.0	1033.9	965.8	914.4
7.5°	2213.3	1877.8	1616.0	1323.5	1069.3	947.7	998.8	1142.5	1064.9	985.3	929.4
5°	2309.2	1927.3	1671.6	1373.9	1088.7	947.5	973.1	1172.3	1092.5	1004.0	940.8
2.5°	2368.8	1954.8	1698.8	1401.0	1094.1	942.5	961.7	1199.7	1119.5	1014.8	943.8
0°	2377.4	1951.0	1714.8	1411.1	1092.1	932.6	969.4	1224.0	1144.2	1021.5	944.8
-2.5°	2368.8	1954.8	1698.8	1401.0	1094.1	942.5	961.7	1199.7	1119.5	1014.8	943.8
-5°	2309.2	1927.3	1671.6	1373.9	1088.7	947.5	973.1	1172.3	1092.5	1004.0	940.8
-7.5°	2213.3	1877.8	1616.0	1323.5	1069.3	947.7	998.8	1142.5	1064.9	985.3	929.4
-10°	2058.0	1806.3	1522.3	1236.4	1027.1	941.9	1032.7	1109.0	1033.9	965.8	914.4
-12.5°	1930.0	1687.7	1396.1	1123.1	963.1	928.3	1076.6	1072.1	1000.1	946.6	895.1
-15°	1792.5	1518.6	1248.8	1041.1	933.1	952.5	1106.3	1027.4	957.8	922.7	871.1
-17.5°	1579.0	1326.8	1087.1	949.0	916.3	1020.7	1054.6	977.1	917.5	882.0	834.0
-20°	1344.3	1120.3	981.5	913.2	944.0	1091.6	995.6	922.8	874.7	837.8	788.7



REPORT NUMBER: P559225 (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°
-22.5°	1110.0	989.4	911.7	895.6	1041.2	1029.5	946.3	877.7	825.6	794.8	743.2
-25°	967.2	907.7	895.6	1013.1	1051.8	963.2	897.8	844.7	796.5	748.3	694.1
-27.5°	894.0	887.3	1015.5	1066.9	983.1	911.7	857.6	813.2	771.6	714.5	623.3
-30°	919.9	1035.7	1059.1	993.8	925.7	867.0	823.6	785.3	738.8	673.8	563.5
-32.5°	1075.8	1023.1	971.0	924.0	871.8	829.2	791.9	753.4	703.4	608.2	511.2
-35°	975.3	933.2	895.0	860.9	827.1	791.8	755.4	711.9	637.2	543.4	459.4
-37.5°	895.9	862.2	837.4	810.7	783.8	749.0	707.6	642.0	560.3	486.1	416.0
-40°	832.5	809.1	790.5	768.4	734.1	694.6	630.0	556.6	492.4	433.7	375.5
-42.5°	778.4	763.5	742.5	710.7	668.9	604.7	540.4	482.0	429.0	383.6	342.4
-45°	719.3	698.8	673.0	623.6	567.3	515.2	459.9	415.6	374.8	342.2	309.6
-47.5°	633.5	598.2	559.2	524.5	482.1	436.9	397.0	358.3	332.8	305.2	282.0
-50°	514.4	491.8	466.6	441.1	411.3	376.0	345.8	318.3	296.1	275.3	254.4
-52.5°	421.4	405.6	390.0	372.2	354.1	329.8	305.4	284.0	264.1	246.5	228.2
-55°	351.1	336.5	328.2	318.8	308.8	290.6	271.5	252.5	235.1	219.1	199.3
-57.5°	296.3	281.4	278.5	274.4	269.3	256.2	240.4	224.0	204.3	186.4	169.2
-60°	255.0	238.2	237.5	235.9	233.5	224.7	207.8	189.7	170.2	157.6	145.2
-62.5°	221.6	200.4	200.1	198.2	195.1	187.9	172.3	158.1	145.2	134.1	124.9
-65°	190.9	165.0	159.9	158.9	156.1	151.2	139.3	130.5	124.2	118.8	108.0
-67.5°	165.8	135.4	124.4	122.8	121.2	118.5	113.4	108.9	105.1	100.9	90.6
-70°	138.5	110.1	97.0	95.8	94.1	92.1	89.7	87.0	84.0	78.9	68.8
-72.5°	104.0	84.3	73.5	72.6	71.1	69.5	67.3	63.7	58.3	51.1	44.5
-75°	70.9	60.0	52.6	51.9	50.7	49.2	46.6	42.4	38.1	33.6	29.5
-77.5°	45.3	39.2	34.4	33.7	32.7	31.4	29.2	26.0	23.4	20.9	18.8
-80°	24.8	22.1	20.0	19.4	18.7	17.7	16.4	14.7	13.1	11.9	11.2
-82.5°	11.2	10.9	10.5	10.2	9.8	9.4	8.9	8.4	7.9	7.4	6.8
-85°	5.7	5.6	5.5	5.4	5.3	5.2	5.0	4.9	4.7	4.5	4.3
-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: P559225 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-940-U-TSB-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°	2.1	2.0	1.9	1.8	2.1	2.3	2.5	2.6	2.3	2.1	1.8
85°	4.2	4.0	3.7	3.6	4.0	4.6	5.0	5.2	4.7	4.2	3.7
82.5°	6.2	5.9	5.6	5.3	5.2	5.4	5.7	6.1	6.1	6.1	5.5
80°	10.4	9.6	8.7	7.9	7.0	6.1	6.0	6.1	6.1	6.1	6.1
77.5°	17.1	15.1	12.7	11.4	10.3	9.1	7.9	6.7	6.1	6.1	6.1
75°	26.2	24.0	21.6	18.5	15.1	12.1	10.7	9.4	8.1	6.3	6.1
72.5°	40.5	36.3	31.9	26.8	22.5	18.4	14.7	12.1	10.8	9.0	6.8
70°	58.8	50.5	44.7	38.1	31.1	24.8	20.3	16.8	13.5	11.6	9.3
67.5°	79.8	68.3	58.7	49.5	41.2	33.4	26.0	22.0	18.5	14.3	11.8
65°	95.9	84.1	72.5	62.0	51.7	42.2	33.8	28.1	23.5	19.0	14.3
62.5°	112.7	98.4	85.9	74.2	62.7	51.7	41.8	36.1	29.0	23.6	18.0
60°	131.8	117.3	100.1	86.5	73.7	61.2	51.3	44.2	36.7	28.3	22.2
57.5°	154.6	138.2	118.5	100.0	84.9	71.0	61.4	53.4	44.4	34.9	26.5
55°	179.3	160.1	136.6	115.3	96.7	81.1	72.4	63.4	52.6	42.1	31.1
52.5°	207.3	181.8	155.4	130.7	109.3	92.9	85.0	73.6	62.1	49.2	37.9
50°	233.5	204.5	174.7	147.2	121.5	108.2	98.2	85.9	71.7	56.9	45.3
47.5°	255.3	225.3	194.7	163.6	135.8	124.7	113.5	98.9	81.4	65.7	52.9
45°	277.4	244.1	213.0	181.0	155.3	143.3	130.2	112.3	93.7	76.2	60.8
42.5°	299.5	263.8	229.3	197.3	177.4	162.1	147.9	128.1	106.2	87.2	69.8
40°	327.4	283.8	245.4	217.1	199.1	180.8	165.0	144.9	119.2	99.3	79.7
37.5°	354.6	306.6	263.4	238.3	219.6	200.0	181.8	162.2	135.7	113.0	89.8
35°	389.8	330.5	288.6	260.4	238.4	218.4	198.2	178.9	154.6	126.9	100.0
32.5°	423.7	360.5	317.5	282.9	256.3	235.9	214.3	200.0	174.4	140.9	110.4
30°	469.1	400.6	345.8	304.1	274.0	251.8	234.4	223.8	194.8	155.0	121.2
27.5°	525.2	440.0	374.9	327.8	292.7	267.5	261.3	250.0	215.7	170.3	132.8
25°	582.3	486.6	409.9	351.7	310.1	294.2	287.8	278.2	237.5	187.5	144.3
22.5°	645.3	534.1	443.6	374.2	339.9	319.8	313.0	302.1	260.5	204.7	155.5
20°	706.4	579.0	478.3	411.8	372.0	347.4	336.8	325.6	284.4	221.8	166.5
17.5°	762.0	629.5	527.1	452.8	404.5	374.3	359.7	348.7	309.0	238.6	177.1
15°	799.1	683.5	572.5	491.2	435.7	400.5	381.9	371.4	333.9	255.0	184.8
12.5°	830.6	730.7	613.5	527.0	465.6	426.1	403.4	393.6	358.8	265.6	188.7
10°	856.8	771.3	650.2	560.1	494.1	450.8	424.2	409.3	368.4	271.0	192.3
7.5°	878.5	805.7	682.7	590.5	517.4	463.3	427.4	412.1	374.1	275.0	195.2
5°	893.6	826.0	698.1	598.5	519.1	462.3	427.4	414.4	378.0	277.7	197.5
2.5°	895.8	828.0	702.0	601.1	519.5	460.2	427.1	416.1	380.1	279.1	198.9
0°	895.7	825.2	702.5	601.3	518.4	457.1	426.4	417.2	380.4	279.2	199.4
-2.5°	895.8	828.0	702.0	601.1	519.5	460.2	427.1	416.1	380.1	279.1	198.9
-5°	893.6	826.0	698.1	598.5	519.1	462.3	427.4	414.4	378.0	277.7	197.5
-7.5°	878.5	805.7	682.7	590.5	517.4	463.3	427.4	412.1	374.1	275.0	195.2
-10°	856.8	771.3	650.2	560.1	494.1	450.8	424.2	409.3	368.4	271.0	192.3
-12.5°	830.6	730.7	613.5	527.0	465.6	426.1	403.4	393.6	358.8	265.6	188.7
-15°	799.1	683.5	572.5	491.2	435.7	400.5	381.9	371.4	333.9	255.0	184.8
-17.5°	762.0	629.5	527.1	452.8	404.5	374.3	359.7	348.7	309.0	238.6	177.1
-20°	706.4	579.0	478.3	411.8	372.0	347.4	336.8	325.6	284.4	221.8	166.5



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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°	645.3	534.1	443.6	374.2	339.9	319.8	313.0	302.1	260.5	204.7	155.5
-25°	582.3	486.6	409.9	351.7	310.1	294.2	287.8	278.2	237.5	187.5	144.3
-27.5°	525.2	440.0	374.9	327.8	292.7	267.5	261.3	250.0	215.7	170.3	132.8
-30°	469.1	400.6	345.8	304.1	274.0	251.8	234.4	223.8	194.8	155.0	121.2
-32.5°	423.7	360.5	317.5	282.9	256.3	235.9	214.3	200.0	174.4	140.9	110.4
-35°	389.8	330.5	288.6	260.4	238.4	218.4	198.2	178.9	154.6	126.9	100.0
-37.5°	354.6	306.6	263.4	238.3	219.6	200.0	181.8	162.2	135.7	113.0	89.8
-40°	327.4	283.8	245.4	217.1	199.1	180.8	165.0	144.9	119.2	99.3	79.7
-42.5°	299.5	263.8	229.3	197.3	177.4	162.1	147.9	128.1	106.2	87.2	69.8
-45°	277.4	244.1	213.0	181.0	155.3	143.3	130.2	112.3	93.7	76.2	60.8
-47.5°	255.3	225.3	194.7	163.6	135.8	124.7	113.5	98.9	81.4	65.7	52.9
-50°	233.5	204.5	174.7	147.2	121.5	108.2	98.2	85.9	71.7	56.9	45.3
-52.5°	207.3	181.8	155.4	130.7	109.3	92.9	85.0	73.6	62.1	49.2	37.9
-55°	179.3	160.1	136.6	115.3	96.7	81.1	72.4	63.4	52.6	42.1	31.1
-57.5°	154.6	138.2	118.5	100.0	84.9	71.0	61.4	53.4	44.4	34.9	26.5
-60°	131.8	117.3	100.1	86.5	73.7	61.2	51.3	44.2	36.7	28.3	22.2
-62.5°	112.7	98.4	85.9	74.2	62.7	51.7	41.8	36.1	29.0	23.6	18.0
-65°	95.9	84.1	72.5	62.0	51.7	42.2	33.8	28.1	23.5	19.0	14.3
-67.5°	79.8	68.3	58.7	49.5	41.2	33.4	26.0	22.0	18.5	14.3	11.8
-70°	58.8	50.5	44.7	38.1	31.1	24.8	20.3	16.8	13.5	11.6	9.3
-72.5°	40.5	36.3	31.9	26.8	22.5	18.4	14.7	12.1	10.8	9.0	6.8
-75°	26.2	24.0	21.6	18.5	15.1	12.1	10.7	9.4	8.1	6.3	6.1
-77.5°	17.1	15.1	12.7	11.4	10.3	9.1	7.9	6.7	6.1	6.1	6.1
-80°	10.4	9.6	8.7	7.9	7.0	6.1	6.0	6.1	6.1	6.1	6.1
-82.5°	6.2	5.9	5.6	5.3	5.2	5.4	5.7	6.1	6.1	6.1	5.5
-85°	4.2	4.0	3.7	3.6	4.0	4.6	5.0	5.2	4.7	4.2	3.7
-87.5°	2.1	2.0	1.9	1.8	2.1	2.3	2.5	2.6	2.3	2.1	1.8
-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°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
85°	3.2	2.6	2.1	1.6	1.1	0.5	0.0
82.5°	4.7	4.0	3.2	2.4	1.6	0.8	0.0
80°	6.1	5.3	4.2	3.2	2.1	1.1	0.0
77.5°	6.1	6.1	5.3	4.0	2.6	1.3	0.0
75°	6.1	6.1	6.1	4.7	3.2	1.6	0.0
72.5°	6.1	6.1	6.1	5.5	3.7	1.8	0.0
70°	6.4	6.1	6.1	6.1	4.2	2.1	0.0
67.5°	8.7	6.1	6.1	6.1	4.7	2.3	0.0
65°	11.0	7.1	6.1	6.1	5.2	2.6	0.0
62.5°	13.3	9.2	6.1	6.1	5.6	2.8	0.0
60°	15.6	11.2	6.1	6.1	6.1	3.0	0.0
57.5°	19.6	13.2	7.7	6.1	6.1	3.3	0.0
55°	23.8	15.2	9.3	6.1	6.2	3.5	0.0
52.5°	28.2	17.5	11.0	6.1	6.2	3.7	0.0
50°	32.6	21.3	12.6	6.1	6.3	3.9	0.0
47.5°	37.4	25.2	14.1	6.4	6.4	4.1	0.0
45°	44.3	29.1	15.7	7.5	6.5	4.3	0.0
42.5°	51.3	33.0	17.2	8.7	6.6	4.5	0.0
40°	58.3	36.9	19.4	9.8	6.7	4.7	0.0
37.5°	65.4	40.8	22.4	10.8	6.8	4.8	0.0
35°	72.6	45.9	25.4	11.7	6.9	5.0	0.0
32.5°	80.2	51.5	28.3	12.6	7.1	5.1	0.0
30°	88.5	57.0	31.1	13.3	7.2	5.3	0.0
27.5°	96.8	62.4	32.9	13.9	7.4	5.4	0.0
25°	105.0	67.7	34.3	14.4	7.6	5.5	0.0
22.5°	112.9	71.9	35.4	14.9	7.7	5.6	0.0
20°	120.7	73.4	36.2	15.2	7.9	5.7	0.0
17.5°	124.8	74.3	36.7	15.5	8.1	5.8	0.0
15°	126.3	74.7	36.9	15.6	8.2	5.9	0.0
12.5°	127.2	74.6	36.9	15.7	8.4	6.0	0.0
10°	127.5	74.1	36.7	15.8	8.6	6.0	0.0
7.5°	127.2	73.0	36.2	15.7	8.7	6.0	0.0
5°	126.4	71.6	35.6	15.6	8.9	6.1	0.0
2.5°	124.8	69.7	34.7	15.5	9.1	6.1	0.0
0°	122.7	67.5	33.7	15.3	9.2	6.1	0.0
-2.5°	124.8	69.7	34.7	15.5	9.1	6.1	0.0
-5°	126.4	71.6	35.6	15.6	8.9	6.1	0.0
-7.5°	127.2	73.0	36.2	15.7	8.7	6.0	0.0
-10°	127.5	74.1	36.7	15.8	8.6	6.0	0.0
-12.5°	127.2	74.6	36.9	15.7	8.4	6.0	0.0
-15°	126.3	74.7	36.9	15.6	8.2	5.9	0.0
-17.5°	124.8	74.3	36.7	15.5	8.1	5.8	0.0
-20°	120.7	73.4	36.2	15.2	7.9	5.7	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	112.9	71.9	35.4	14.9	7.7	5.6	0.0
-25°	105.0	67.7	34.3	14.4	7.6	5.5	0.0
-27.5°	96.8	62.4	32.9	13.9	7.4	5.4	0.0
-30°	88.5	57.0	31.1	13.3	7.2	5.3	0.0
-32.5°	80.2	51.5	28.3	12.6	7.1	5.1	0.0
-35°	72.6	45.9	25.4	11.7	6.9	5.0	0.0
-37.5°	65.4	40.8	22.4	10.8	6.8	4.8	0.0
-40°	58.3	36.9	19.4	9.8	6.7	4.7	0.0
-42.5°	51.3	33.0	17.2	8.7	6.6	4.5	0.0
-45°	44.3	29.1	15.7	7.5	6.5	4.3	0.0
-47.5°	37.4	25.2	14.1	6.4	6.4	4.1	0.0
-50°	32.6	21.3	12.6	6.1	6.3	3.9	0.0
-52.5°	28.2	17.5	11.0	6.1	6.2	3.7	0.0
-55°	23.8	15.2	9.3	6.1	6.2	3.5	0.0
-57.5°	19.6	13.2	7.7	6.1	6.1	3.3	0.0
-60°	15.6	11.2	6.1	6.1	6.1	3.0	0.0
-62.5°	13.3	9.2	6.1	6.1	5.6	2.8	0.0
-65°	11.0	7.1	6.1	6.1	5.2	2.6	0.0
-67.5°	8.7	6.1	6.1	6.1	4.7	2.3	0.0
-70°	6.4	6.1	6.1	6.1	4.2	2.1	0.0
-72.5°	6.1	6.1	6.1	5.5	3.7	1.8	0.0
-75°	6.1	6.1	6.1	4.7	3.2	1.6	0.0
-77.5°	6.1	6.1	5.3	4.0	2.6	1.3	0.0
-80°	6.1	5.3	4.2	3.2	2.1	1.1	0.0
-82.5°	4.7	4.0	3.2	2.4	1.6	0.8	0.0
-85°	3.2	2.6	2.1	1.6	1.1	0.5	0.0
-87.5°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)