

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: P559004 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-927-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559004 (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-SA5B-927-U-MR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (80) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

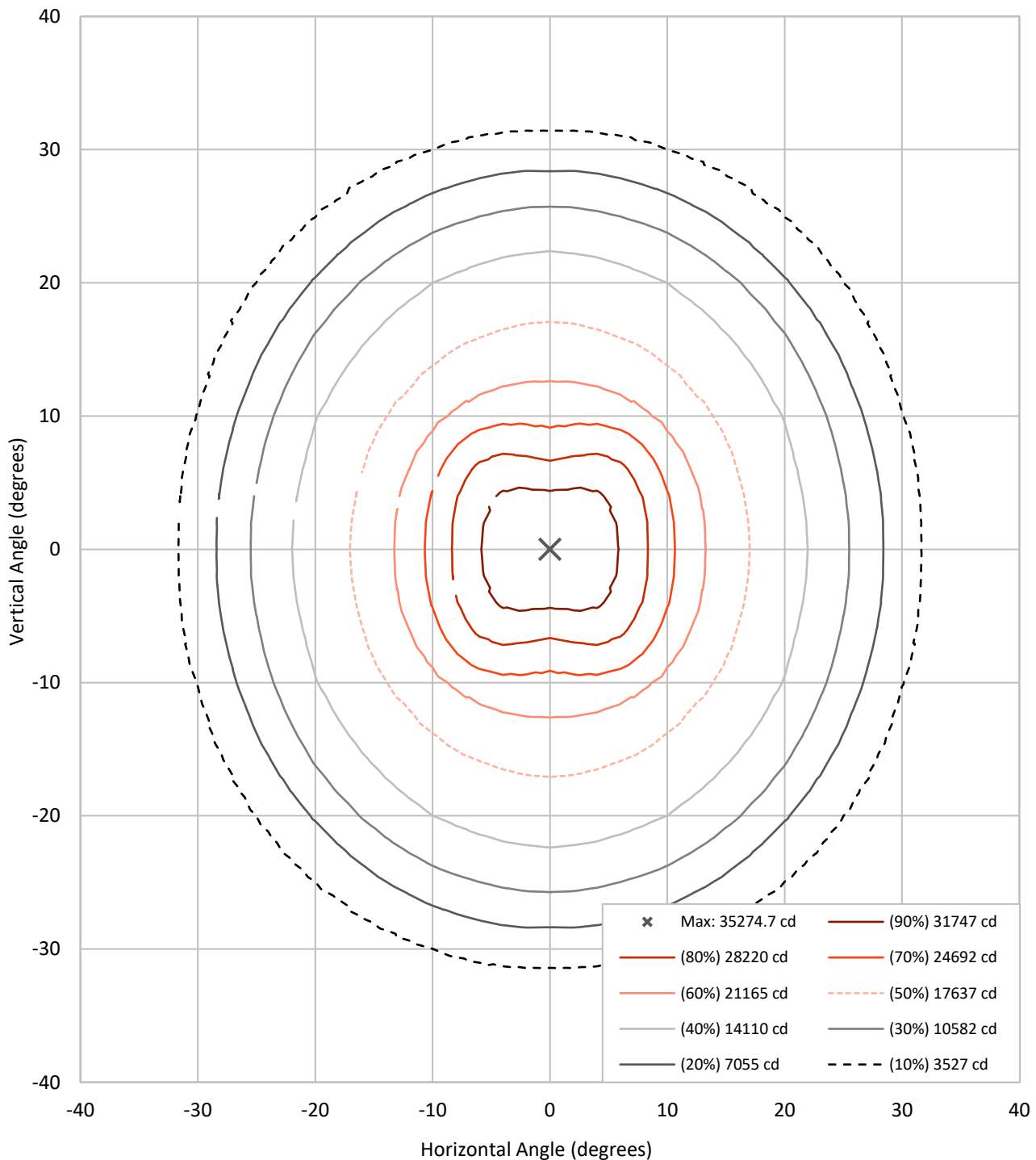
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	15604.5 lumens	Max Intensity:	35274.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	101.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	6646.6 lumens	Field Lumens:	13584.2 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

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



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Iso-Candela Plot





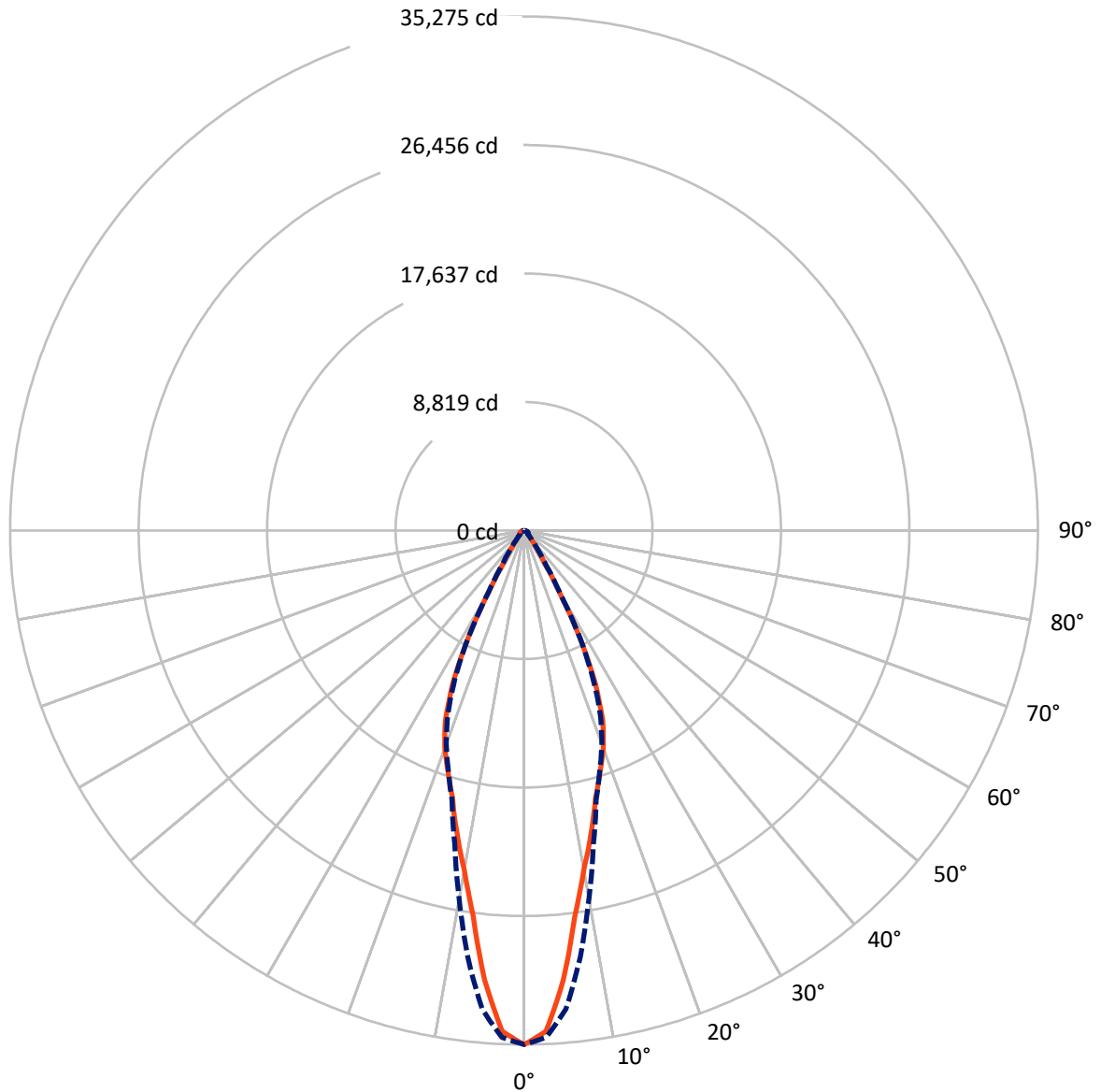
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Lumen Table

90																			
80	0.2	1.7		4.8		8.0		9.3		8.0		4.8		1.7		0.2			
70																			
60	0.8	0.9	2.0	3.4	5.0	6.5	7.6	8.2	8.2	7.6	6.5	5.0	3.4	2.0	0.9	0.8			
50		1.5	3.2	5.5	7.5	8.5	9.0	9.2	9.2	9.0	8.5	7.5	5.5	3.2	1.5				
40	1.5	2.0	4.4	6.6	7.8	9.6	12.3	14.2	14.2	12.3	9.6	7.8	6.6	4.4	2.0	1.5			
30		2.6	5.2	6.7	10.1	19.9	37.8	57.8	57.8	37.8	19.9	10.1	6.7	5.2	2.6				
20	2.0	3.0	5.3	7.5	18.3	60.7	190.9	314.3	314.3	190.9	60.7	18.3	7.5	5.3	3.0	2.0			
10		3.3	5.3	9.2	34.1	180.0	425.3	563.3	563.3	425.3	180.0	34.1	9.2	5.3	3.3				
0	2.2	3.4	5.3	10.6	51.8	283.5	553.1	872.8	872.8	553.1	283.5	51.8	10.6	5.3	3.4	2.2			
-10		3.4	5.3	10.6	51.8	283.5	553.1	872.8	872.8	553.1	283.5	51.8	10.6	5.3	3.4				
-20	2.0	3.3	5.3	9.2	34.1	180.0	425.3	563.3	563.3	425.3	180.0	34.1	9.2	5.3	3.3	2.0			
-30		3.0	5.3	7.5	18.3	60.7	190.9	314.3	314.3	190.9	60.7	18.3	7.5	5.3	3.0				
-40	1.5	2.6	5.2	6.7	10.1	19.9	37.8	57.8	57.8	37.8	19.9	10.1	6.7	5.2	2.6	1.5			
-50		2.0	4.4	6.6	7.8	9.6	12.3	14.2	14.2	12.3	9.6	7.8	6.6	4.4	2.0				
-60	0.8	1.5	3.2	5.5	7.5	8.5	9.0	9.2	9.2	9.0	8.5	7.5	5.5	3.2	1.5	0.8			
-70		0.9	2.0	3.4	5.0	6.5	7.6	8.2	8.2	7.6	6.5	5.0	3.4	2.0	0.9				
-80																			
-90	0.2	1.7		4.8		8.0		9.3		8.0		4.8		1.7		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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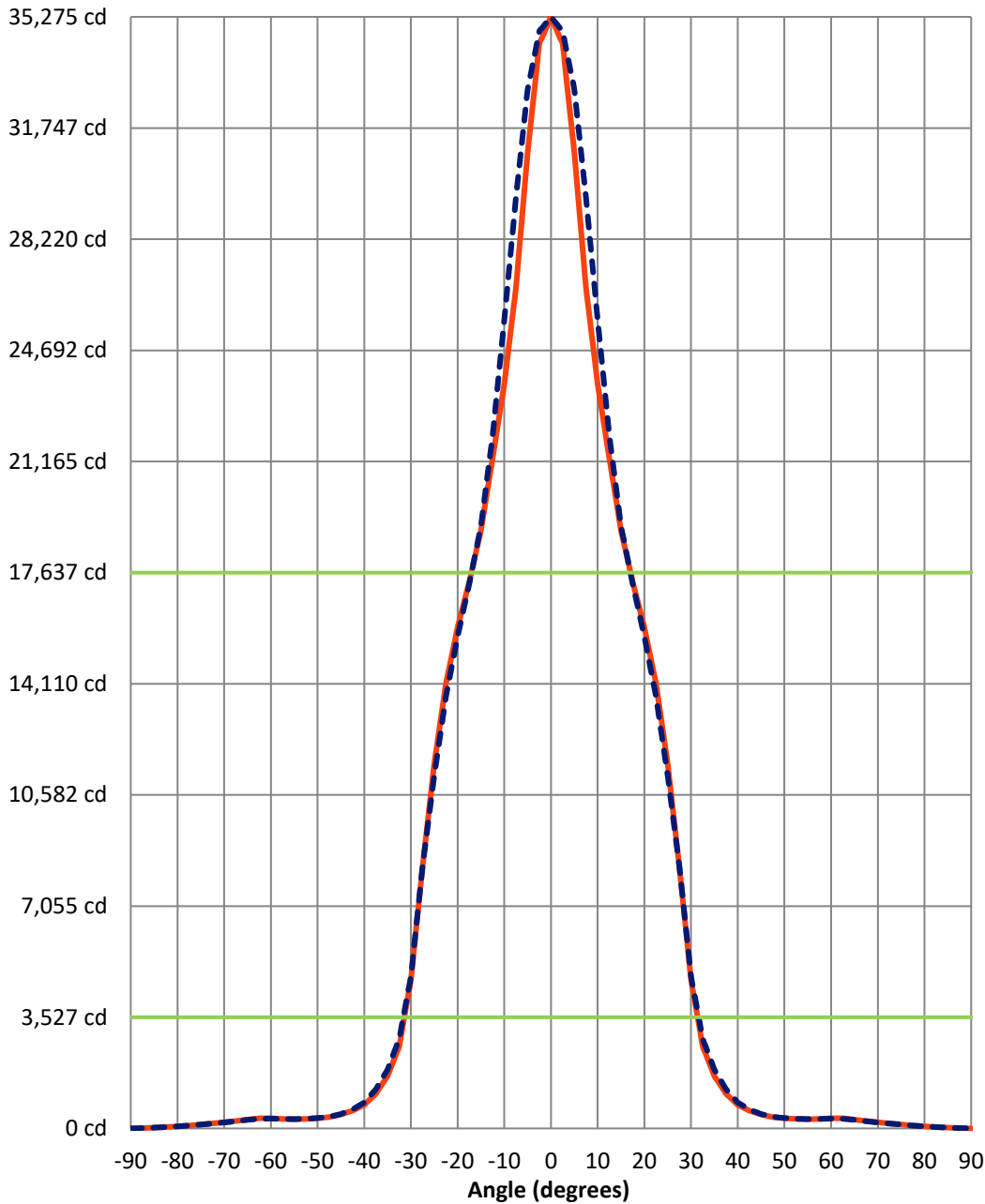
Luminous Intensity Polar Plot



— 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: 6646.6
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 13584.2
 Efficiency: 87.1%

Spill:
 Lumens: 2020.3
 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	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.4	3.8
85°	0.0	0.8	1.6	2.3	3.1	3.9	4.7	5.4	6.1	6.9	7.6
82.5°	0.0	1.2	2.3	3.5	4.7	5.8	7.0	8.1	9.4	11.2	13.0
80°	0.0	1.6	3.1	4.7	6.2	7.8	9.5	12.2	14.7	17.0	19.2
77.5°	0.0	1.9	3.9	5.8	7.8	10.2	13.7	16.9	20.0	22.8	25.8
75°	0.0	2.3	4.7	7.0	9.5	13.5	17.8	21.7	25.3	29.2	33.2
72.5°	0.0	2.7	5.4	8.1	12.1	16.9	21.8	26.4	31.0	35.7	40.5
70°	0.0	3.1	6.1	9.4	14.6	20.1	25.8	31.2	36.6	42.1	49.2
67.5°	0.0	3.4	6.9	11.2	17.1	23.3	29.8	35.9	42.1	50.2	58.1
65°	0.0	3.8	7.6	13.0	19.6	26.6	33.9	40.6	49.2	58.1	67.6
62.5°	0.0	4.2	8.3	14.8	22.0	30.0	37.8	46.2	56.1	66.3	78.6
60°	0.0	4.5	9.0	16.5	24.3	33.4	41.7	52.2	62.9	76.1	89.4
57.5°	0.0	4.8	10.1	18.2	27.0	36.7	46.7	58.0	71.0	85.6	100.4
55°	0.0	5.2	11.2	19.8	29.7	40.0	51.6	63.8	79.3	94.9	111.2
52.5°	0.0	5.5	12.3	21.4	32.3	43.3	56.4	70.6	87.3	104.2	121.7
50°	0.0	5.8	13.3	22.9	34.8	47.2	61.0	77.4	95.1	113.1	132.7
47.5°	0.0	6.1	14.4	24.4	37.3	50.9	65.6	83.8	102.6	121.6	143.5
45°	0.0	6.4	15.3	26.2	39.7	54.5	70.9	90.0	109.8	131.1	154.1
42.5°	0.0	6.6	16.3	28.0	42.0	57.9	75.9	95.9	116.7	140.4	165.0
40°	0.0	6.9	17.2	29.7	44.5	61.2	80.5	101.7	123.8	149.4	175.6
37.5°	0.0	7.1	18.1	31.3	47.0	64.4	85.0	107.3	131.3	158.0	185.6
35°	0.0	7.4	18.9	32.8	49.4	67.7	89.1	112.6	138.4	166.4	195.3
32.5°	0.0	7.6	19.7	34.2	51.6	70.9	93.1	117.6	145.1	174.3	204.5
30°	0.0	7.8	20.4	35.5	53.7	73.9	97.0	122.5	151.2	181.7	213.2
27.5°	0.0	8.0	21.1	36.6	55.5	76.7	100.7	127.5	157.1	188.6	221.2
25°	0.0	8.2	21.8	37.7	57.1	79.2	104.2	132.1	162.7	195.1	228.7
22.5°	0.0	8.3	22.4	38.6	58.6	81.4	107.3	136.2	167.8	201.1	236.1
20°	0.0	8.5	23.0	39.4	59.9	83.3	110.2	139.9	172.3	206.6	242.8
17.5°	0.0	8.6	23.5	40.1	61.0	85.0	112.7	143.2	176.4	211.3	248.6
15°	0.0	8.7	23.9	40.7	62.0	86.4	114.9	146.0	179.9	215.5	253.6
12.5°	0.0	8.8	24.3	41.1	62.8	87.6	116.8	148.5	182.8	219.0	257.8
10°	0.0	8.9	24.6	41.5	63.5	88.5	118.3	150.5	185.1	222.2	261.5
7.5°	0.0	8.9	24.9	41.8	63.9	89.2	119.6	152.1	186.8	224.8	265.4
5°	0.0	9.0	25.1	41.9	64.2	89.6	120.5	153.2	187.9	226.9	268.5
2.5°	0.0	9.0	25.3	42.0	64.3	89.8	121.0	153.9	188.5	228.2	270.8
0°	0.0	9.0	25.4	41.9	64.3	89.8	121.2	154.1	188.5	228.9	272.3
-2.5°	0.0	9.0	25.3	42.0	64.3	89.8	121.0	153.9	188.5	228.2	270.8
-5°	0.0	9.0	25.1	41.9	64.2	89.6	120.5	153.2	187.9	226.9	268.5
-7.5°	0.0	8.9	24.9	41.8	63.9	89.2	119.6	152.1	186.8	224.8	265.4
-10°	0.0	8.9	24.6	41.5	63.5	88.5	118.3	150.5	185.1	222.2	261.5
-12.5°	0.0	8.8	24.3	41.1	62.8	87.6	116.8	148.5	182.8	219.0	257.8
-15°	0.0	8.7	23.9	40.7	62.0	86.4	114.9	146.0	179.9	215.5	253.6
-17.5°	0.0	8.6	23.5	40.1	61.0	85.0	112.7	143.2	176.4	211.3	248.6
-20°	0.0	8.5	23.0	39.4	59.9	83.3	110.2	139.9	172.3	206.6	242.8



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 CATALOG NUMBER: GFLD-SA5B-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	8.3	22.4	38.6	58.6	81.4	107.3	136.2	167.8	201.1	236.1
-25°	0.0	8.2	21.8	37.7	57.1	79.2	104.2	132.1	162.7	195.1	228.7
-27.5°	0.0	8.0	21.1	36.6	55.5	76.7	100.7	127.5	157.1	188.6	221.2
-30°	0.0	7.8	20.4	35.5	53.7	73.9	97.0	122.5	151.2	181.7	213.2
-32.5°	0.0	7.6	19.7	34.2	51.6	70.9	93.1	117.6	145.1	174.3	204.5
-35°	0.0	7.4	18.9	32.8	49.4	67.7	89.1	112.6	138.4	166.4	195.3
-37.5°	0.0	7.1	18.1	31.3	47.0	64.4	85.0	107.3	131.3	158.0	185.6
-40°	0.0	6.9	17.2	29.7	44.5	61.2	80.5	101.7	123.8	149.4	175.6
-42.5°	0.0	6.6	16.3	28.0	42.0	57.9	75.9	95.9	116.7	140.4	165.0
-45°	0.0	6.4	15.3	26.2	39.7	54.5	70.9	90.0	109.8	131.1	154.1
-47.5°	0.0	6.1	14.4	24.4	37.3	50.9	65.6	83.8	102.6	121.6	143.5
-50°	0.0	5.8	13.3	22.9	34.8	47.2	61.0	77.4	95.1	113.1	132.7
-52.5°	0.0	5.5	12.3	21.4	32.3	43.3	56.4	70.6	87.3	104.2	121.7
-55°	0.0	5.2	11.2	19.8	29.7	40.0	51.6	63.8	79.3	94.9	111.2
-57.5°	0.0	4.8	10.1	18.2	27.0	36.7	46.7	58.0	71.0	85.6	100.4
-60°	0.0	4.5	9.0	16.5	24.3	33.4	41.7	52.2	62.9	76.1	89.4
-62.5°	0.0	4.2	8.3	14.8	22.0	30.0	37.8	46.2	56.1	66.3	78.6
-65°	0.0	3.8	7.6	13.0	19.6	26.6	33.9	40.6	49.2	58.1	67.6
-67.5°	0.0	3.4	6.9	11.2	17.1	23.3	29.8	35.9	42.1	50.2	58.1
-70°	0.0	3.1	6.1	9.4	14.6	20.1	25.8	31.2	36.6	42.1	49.2
-72.5°	0.0	2.7	5.4	8.1	12.1	16.9	21.8	26.4	31.0	35.7	40.5
-75°	0.0	2.3	4.7	7.0	9.5	13.5	17.8	21.7	25.3	29.2	33.2
-77.5°	0.0	1.9	3.9	5.8	7.8	10.2	13.7	16.9	20.0	22.8	25.8
-80°	0.0	1.6	3.1	4.7	6.2	7.8	9.5	12.2	14.7	17.0	19.2
-82.5°	0.0	1.2	2.3	3.5	4.7	5.8	7.0	8.1	9.4	11.2	13.0
-85°	0.0	0.8	1.6	2.3	3.1	3.9	4.7	5.4	6.1	6.9	7.6
-87.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.4	3.8
-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°	4.2	4.5	4.8	5.2	5.5	5.8	6.1	6.4	6.6	6.9	7.1
85°	8.3	9.0	10.1	11.2	12.1	13.0	13.8	14.5	15.3	16.1	16.9
82.5°	14.7	16.4	18.1	19.7	21.0	22.1	23.3	24.9	26.8	28.6	30.3
80°	21.5	23.8	26.6	29.5	32.1	34.6	37.1	39.7	42.2	44.8	47.5
77.5°	29.3	33.0	36.7	40.4	44.1	48.3	52.5	56.6	60.3	63.6	66.7
75°	37.5	42.0	47.5	53.1	58.5	63.8	69.1	74.9	80.0	84.6	88.9
72.5°	46.5	53.0	59.6	66.3	73.7	80.9	87.8	94.5	100.7	106.4	112.1
70°	56.4	63.9	72.8	81.8	90.4	98.6	106.6	114.2	121.3	128.8	136.8
67.5°	66.5	77.0	87.2	97.3	107.5	116.7	125.5	135.2	144.8	154.3	163.3
65°	78.7	90.2	102.0	113.5	124.6	135.8	147.1	158.2	169.5	180.2	190.2
62.5°	90.6	104.0	117.1	129.9	143.0	155.7	168.9	181.9	194.5	207.6	220.1
60°	103.4	117.9	132.3	146.7	161.4	176.7	191.3	206.6	222.0	236.8	251.0
57.5°	115.9	131.7	147.4	163.7	180.8	197.7	215.1	232.2	249.8	266.7	281.3
55°	128.2	145.2	162.8	181.6	200.4	219.7	239.1	259.1	278.0	292.2	305.5
52.5°	140.5	158.8	179.0	199.4	220.3	242.0	264.6	283.9	299.6	311.7	314.7
50°	152.6	173.5	194.9	217.2	240.4	264.9	286.5	303.9	312.8	316.2	314.4
47.5°	165.3	187.8	210.8	234.9	260.7	284.2	304.6	313.5	317.7	313.1	307.4
45°	178.0	202.0	226.3	252.8	278.6	300.9	312.3	318.7	313.0	307.5	303.6
42.5°	190.1	215.9	242.5	269.8	293.8	309.5	316.8	313.2	308.3	304.0	305.5
40°	202.2	229.2	258.4	284.0	305.7	313.7	312.5	308.0	305.2	307.0	313.1
37.5°	213.8	243.3	273.0	297.8	309.5	312.7	307.4	304.5	306.6	313.7	327.2
35°	224.8	256.7	285.0	305.8	313.6	308.1	304.3	303.9	311.9	326.3	346.3
32.5°	235.9	269.5	296.3	309.3	310.6	304.5	301.6	308.5	321.1	340.1	373.7
30°	246.8	279.3	304.6	312.5	307.1	302.4	304.0	313.9	331.1	362.6	417.0
27.5°	256.7	288.3	307.2	311.0	304.0	300.1	307.5	322.4	347.4	389.3	467.1
25°	265.7	296.3	309.6	308.2	302.0	301.6	311.6	330.0	364.4	432.4	538.9
22.5°	273.1	303.7	311.8	305.5	300.0	304.0	318.1	343.6	389.6	472.9	613.8
20°	279.2	305.6	311.4	303.0	298.0	305.9	323.8	357.0	423.5	536.4	698.2
17.5°	284.6	307.2	309.3	301.3	299.2	309.0	329.8	368.8	453.6	590.9	779.2
15°	289.5	308.7	307.3	299.9	300.6	313.3	339.5	391.2	489.8	642.4	852.0
12.5°	293.7	309.9	305.4	298.7	301.7	316.8	347.8	411.6	525.4	698.1	968.6
10°	297.2	310.9	303.7	297.7	302.4	319.6	354.5	427.7	552.9	745.4	1066.5
7.5°	300.4	311.7	302.3	297.0	302.8	321.6	359.6	439.5	572.5	783.3	1139.8
5°	302.9	312.3	301.5	296.6	303.9	323.9	363.4	447.2	584.4	810.9	1188.8
2.5°	304.4	312.6	301.0	296.4	305.4	326.9	366.6	453.7	595.0	824.6	1223.7
0°	305.2	312.7	300.8	296.3	306.7	329.2	368.1	456.4	600.0	824.4	1244.9
-2.5°	304.4	312.6	301.0	296.4	305.4	326.9	366.6	453.7	595.0	824.6	1223.7
-5°	302.9	312.3	301.5	296.6	303.9	323.9	363.4	447.2	584.4	810.9	1188.8
-7.5°	300.4	311.7	302.3	297.0	302.8	321.6	359.6	439.5	572.5	783.3	1139.8
-10°	297.2	310.9	303.7	297.7	302.4	319.6	354.5	427.7	552.9	745.4	1066.5
-12.5°	293.7	309.9	305.4	298.7	301.7	316.8	347.8	411.6	525.4	698.1	968.6
-15°	289.5	308.7	307.3	299.9	300.6	313.3	339.5	391.2	489.8	642.4	852.0
-17.5°	284.6	307.2	309.3	301.3	299.2	309.0	329.8	368.8	453.6	590.9	779.2
-20°	279.2	305.6	311.4	303.0	298.0	305.9	323.8	357.0	423.5	536.4	698.2



REPORT NUMBER: P559004 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	273.1	303.7	311.8	305.5	300.0	304.0	318.1	343.6	389.6	472.9	613.8
-25°	265.7	296.3	309.6	308.2	302.0	301.6	311.6	330.0	364.4	432.4	538.9
-27.5°	256.7	288.3	307.2	311.0	304.0	300.1	307.5	322.4	347.4	389.3	467.1
-30°	246.8	279.3	304.6	312.5	307.1	302.4	304.0	313.9	331.1	362.6	417.0
-32.5°	235.9	269.5	296.3	309.3	310.6	304.5	301.6	308.5	321.1	340.1	373.7
-35°	224.8	256.7	285.0	305.8	313.6	308.1	304.3	303.9	311.9	326.3	346.3
-37.5°	213.8	243.3	273.0	297.8	309.5	312.7	307.4	304.5	306.6	313.7	327.2
-40°	202.2	229.2	258.4	284.0	305.7	313.7	312.5	308.0	305.2	307.0	313.1
-42.5°	190.1	215.9	242.5	269.8	293.8	309.5	316.8	313.2	308.3	304.0	305.5
-45°	178.0	202.0	226.3	252.8	278.6	300.9	312.3	318.7	313.0	307.5	303.6
-47.5°	165.3	187.8	210.8	234.9	260.7	284.2	304.6	313.5	317.7	313.1	307.4
-50°	152.6	173.5	194.9	217.2	240.4	264.9	286.5	303.9	312.8	316.2	314.4
-52.5°	140.5	158.8	179.0	199.4	220.3	242.0	264.6	283.9	299.6	311.7	314.7
-55°	128.2	145.2	162.8	181.6	200.4	219.7	239.1	259.1	278.0	292.2	305.5
-57.5°	115.9	131.7	147.4	163.7	180.8	197.7	215.1	232.2	249.8	266.7	281.3
-60°	103.4	117.9	132.3	146.7	161.4	176.7	191.3	206.6	222.0	236.8	251.0
-62.5°	90.6	104.0	117.1	129.9	143.0	155.7	168.9	181.9	194.5	207.6	220.1
-65°	78.7	90.2	102.0	113.5	124.6	135.8	147.1	158.2	169.5	180.2	190.2
-67.5°	66.5	77.0	87.2	97.3	107.5	116.7	125.5	135.2	144.8	154.3	163.3
-70°	56.4	63.9	72.8	81.8	90.4	98.6	106.6	114.2	121.3	128.8	136.8
-72.5°	46.5	53.0	59.6	66.3	73.7	80.9	87.8	94.5	100.7	106.4	112.1
-75°	37.5	42.0	47.5	53.1	58.5	63.8	69.1	74.9	80.0	84.6	88.9
-77.5°	29.3	33.0	36.7	40.4	44.1	48.3	52.5	56.6	60.3	63.6	66.7
-80°	21.5	23.8	26.6	29.5	32.1	34.6	37.1	39.7	42.2	44.8	47.5
-82.5°	14.7	16.4	18.1	19.7	21.0	22.1	23.3	24.9	26.8	28.6	30.3
-85°	8.3	9.0	10.1	11.2	12.1	13.0	13.8	14.5	15.3	16.1	16.9
-87.5°	4.2	4.5	4.8	5.2	5.5	5.8	6.1	6.4	6.6	6.9	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



REPORT NUMBER: P559004 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	7.4	7.3	7.1	7.0	6.8	6.9	7.0	7.2	7.2	7.7	8.1
85°	17.5	18.3	19.1	20.0	20.8	21.4	21.9	22.4	22.8	23.1	23.4
82.5°	32.0	33.7	35.2	36.6	37.9	38.9	39.9	40.7	41.4	42.0	42.5
80°	49.9	52.1	54.1	55.8	57.4	58.7	59.8	60.7	61.5	62.9	64.4
77.5°	69.8	72.9	75.8	78.4	80.8	83.2	85.4	87.4	89.1	90.5	91.4
75°	93.0	96.9	100.9	104.5	107.8	111.2	114.5	117.5	120.3	122.1	123.4
72.5°	117.8	123.1	127.9	132.5	136.6	140.8	144.9	148.6	151.9	154.4	156.4
70°	144.4	151.3	156.9	162.1	167.3	172.5	177.5	182.0	185.8	188.9	191.5
67.5°	172.0	179.8	186.9	193.7	200.6	207.0	213.2	218.9	224.1	228.1	230.8
65°	200.1	210.2	219.5	228.0	235.6	242.8	250.5	257.6	264.0	269.3	273.3
62.5°	232.0	243.4	253.9	263.4	271.9	278.6	285.9	292.6	298.6	304.1	309.6
60°	264.5	277.3	286.6	294.6	301.9	308.4	310.9	313.4	315.4	317.2	319.4
57.5°	292.9	303.9	311.8	313.7	315.3	316.7	315.8	313.2	310.6	307.9	305.8
55°	312.7	315.9	319.4	316.6	312.3	308.1	304.5	302.1	299.7	297.6	295.9
52.5°	318.0	315.0	311.3	307.2	304.2	301.1	298.0	298.6	299.5	300.2	300.6
50°	310.3	306.7	304.7	302.4	302.8	304.4	305.7	308.6	312.3	314.9	317.1
47.5°	304.3	302.0	305.0	308.8	312.3	318.7	324.5	330.1	338.7	345.6	351.1
45°	302.7	308.3	314.2	323.5	331.7	345.8	359.1	370.2	390.9	409.9	424.7
42.5°	311.2	321.0	331.6	349.7	369.2	394.3	426.3	453.5	485.3	515.0	536.5
40°	325.4	339.7	363.7	392.8	438.3	478.8	532.1	577.6	620.4	665.7	699.8
37.5°	345.7	372.5	417.3	469.5	538.7	605.1	678.5	749.7	810.4	902.3	974.1
35°	375.8	430.1	493.7	581.0	671.3	773.1	880.4	1018.6	1140.3	1283.1	1417.3
32.5°	430.7	504.2	603.9	722.0	842.1	1017.7	1183.4	1408.0	1609.9	1861.7	2132.6
30°	495.1	604.6	738.6	892.8	1110.2	1351.9	1624.3	1968.8	2378.1	2865.5	3519.5
27.5°	583.7	724.4	892.9	1142.9	1451.3	1775.1	2258.2	2837.2	3892.4	4812.1	6030.8
25°	679.1	850.9	1117.5	1453.5	1859.3	2442.4	3386.8	4591.7	6298.3	7930.2	9234.7
22.5°	789.1	1040.2	1376.7	1794.9	2451.5	3580.5	5046.9	7168.8	9071.8	10717.7	11985.2
20°	910.9	1225.8	1678.1	2317.0	3435.4	5088.9	7442.9	9620.6	11564.2	12981.1	14101.0
17.5°	1068.6	1480.0	2053.8	2935.5	4652.0	7200.0	9626.8	11779.2	13470.5	14715.3	15708.1
15°	1215.9	1714.0	2457.6	3962.1	6304.8	9028.1	11515.6	13435.7	14899.3	16057.6	16950.2
12.5°	1389.8	1976.9	2929.7	4848.9	7824.6	10536.3	12856.7	14649.7	16059.0	17144.8	18341.2
10°	1544.6	2259.7	3606.1	6030.7	9072.7	11721.6	13974.9	15586.2	16999.5	18414.5	20208.4
7.5°	1672.5	2497.1	4160.8	7027.8	10031.0	12598.4	14651.2	16261.2	17818.7	19708.6	22296.0
5°	1774.0	2676.0	4617.1	7780.5	10727.6	13224.2	15167.7	16799.7	18558.9	21087.0	24559.4
2.5°	1841.9	2793.3	4902.3	8235.3	11167.1	13583.1	15550.6	17151.8	18996.4	21858.7	25486.4
0°	1868.8	2847.4	4830.0	8317.8	11193.6	13699.9	15607.7	17283.5	19120.9	21987.8	25656.6
-2.5°	1841.9	2793.3	4902.3	8235.3	11167.1	13583.1	15550.6	17151.8	18996.4	21858.7	25486.4
-5°	1774.0	2676.0	4617.1	7780.5	10727.6	13224.2	15167.7	16799.7	18558.9	21087.0	24559.4
-7.5°	1672.5	2497.1	4160.8	7027.8	10031.0	12598.4	14651.2	16261.2	17818.7	19708.6	22296.0
-10°	1544.6	2259.7	3606.1	6030.7	9072.7	11721.6	13974.9	15586.2	16999.5	18414.5	20208.4
-12.5°	1389.8	1976.9	2929.7	4848.9	7824.6	10536.3	12856.7	14649.7	16059.0	17144.8	18341.2
-15°	1215.9	1714.0	2457.6	3962.1	6304.8	9028.1	11515.6	13435.7	14899.3	16057.6	16950.2
-17.5°	1068.6	1480.0	2053.8	2935.5	4652.0	7200.0	9626.8	11779.2	13470.5	14715.3	15708.1
-20°	910.9	1225.8	1678.1	2317.0	3435.4	5088.9	7442.9	9620.6	11564.2	12981.1	14101.0



REPORT NUMBER: P559004 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	789.1	1040.2	1376.7	1794.9	2451.5	3580.5	5046.9	7168.8	9071.8	10717.7	11985.2
-25°	679.1	850.9	1117.5	1453.5	1859.3	2442.4	3386.8	4591.7	6298.3	7930.2	9234.7
-27.5°	583.7	724.4	892.9	1142.9	1451.3	1775.1	2258.2	2837.2	3892.4	4812.1	6030.8
-30°	495.1	604.6	738.6	892.8	1110.2	1351.9	1624.3	1968.8	2378.1	2865.5	3519.5
-32.5°	430.7	504.2	603.9	722.0	842.1	1017.7	1183.4	1408.0	1609.9	1861.7	2132.6
-35°	375.8	430.1	493.7	581.0	671.3	773.1	880.4	1018.6	1140.3	1283.1	1417.3
-37.5°	345.7	372.5	417.3	469.5	538.7	605.1	678.5	749.7	810.4	902.3	974.1
-40°	325.4	339.7	363.7	392.8	438.3	478.8	532.1	577.6	620.4	665.7	699.8
-42.5°	311.2	321.0	331.6	349.7	369.2	394.3	426.3	453.5	485.3	515.0	536.5
-45°	302.7	308.3	314.2	323.5	331.7	345.8	359.1	370.2	390.9	409.9	424.7
-47.5°	304.3	302.0	305.0	308.8	312.3	318.7	324.5	330.1	338.7	345.6	351.1
-50°	310.3	306.7	304.7	302.4	302.8	304.4	305.7	308.6	312.3	314.9	317.1
-52.5°	318.0	315.0	311.3	307.2	304.2	301.1	298.0	298.6	299.5	300.2	300.6
-55°	312.7	315.9	319.4	316.6	312.3	308.1	304.5	302.1	299.7	297.6	295.9
-57.5°	292.9	303.9	311.8	313.7	315.3	316.7	315.8	313.2	310.6	307.9	305.8
-60°	264.5	277.3	286.6	294.6	301.9	308.4	310.9	313.4	315.4	317.2	319.4
-62.5°	232.0	243.4	253.9	263.4	271.9	278.6	285.9	292.6	298.6	304.1	309.6
-65°	200.1	210.2	219.5	228.0	235.6	242.8	250.5	257.6	264.0	269.3	273.3
-67.5°	172.0	179.8	186.9	193.7	200.6	207.0	213.2	218.9	224.1	228.1	230.8
-70°	144.4	151.3	156.9	162.1	167.3	172.5	177.5	182.0	185.8	188.9	191.5
-72.5°	117.8	123.1	127.9	132.5	136.6	140.8	144.9	148.6	151.9	154.4	156.4
-75°	93.0	96.9	100.9	104.5	107.8	111.2	114.5	117.5	120.3	122.1	123.4
-77.5°	69.8	72.9	75.8	78.4	80.8	83.2	85.4	87.4	89.1	90.5	91.4
-80°	49.9	52.1	54.1	55.8	57.4	58.7	59.8	60.7	61.5	62.9	64.4
-82.5°	32.0	33.7	35.2	36.6	37.9	38.9	39.9	40.7	41.4	42.0	42.5
-85°	17.5	18.3	19.1	20.0	20.8	21.4	21.9	22.4	22.8	23.1	23.4
-87.5°	7.4	7.3	7.1	7.0	6.8	6.9	7.0	7.2	7.2	7.7	8.1
-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: P559004 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	8.6	9.0	9.0	9.0	9.0	9.0	8.6	8.1	7.7	7.2	7.2
85°	23.6	23.8	24.6	25.4	24.6	23.8	23.6	23.4	23.1	22.8	22.4
82.5°	42.9	43.2	43.3	43.4	43.3	43.2	42.9	42.5	42.0	41.4	40.7
80°	65.7	66.9	66.5	65.8	66.5	66.9	65.7	64.4	62.9	61.5	60.7
77.5°	92.0	92.3	91.9	91.3	91.9	92.3	92.0	91.4	90.5	89.1	87.4
75°	124.4	125.0	125.5	125.7	125.5	125.0	124.4	123.4	122.1	120.3	117.5
72.5°	158.0	159.2	159.2	158.6	159.2	159.2	158.0	156.4	154.4	151.9	148.6
70°	193.4	194.9	195.7	196.0	195.7	194.9	193.4	191.5	188.9	185.8	182.0
67.5°	232.6	233.6	234.5	234.9	234.5	233.6	232.6	230.8	228.1	224.1	218.9
65°	276.7	279.3	280.2	279.8	280.2	279.3	276.7	273.3	269.3	264.0	257.6
62.5°	314.7	319.3	321.2	321.7	321.2	319.3	314.7	309.6	304.1	298.6	292.6
60°	321.2	322.8	323.2	323.2	323.2	322.8	321.2	319.4	317.2	315.4	313.4
57.5°	303.9	302.1	301.1	300.8	301.1	302.1	303.9	305.8	307.9	310.6	313.2
55°	294.2	292.7	291.9	291.8	291.9	292.7	294.2	295.9	297.6	299.7	302.1
52.5°	300.7	300.6	301.2	302.2	301.2	300.6	300.7	300.6	300.2	299.5	298.6
50°	319.1	320.4	321.8	323.2	321.8	320.4	319.1	317.1	314.9	312.3	308.6
47.5°	355.1	357.1	358.4	359.1	358.4	357.1	355.1	351.1	345.6	338.7	330.1
45°	434.4	439.6	442.1	442.9	442.1	439.6	434.4	424.7	409.9	390.9	370.2
42.5°	550.7	558.6	561.9	562.6	561.9	558.6	550.7	536.5	515.0	485.3	453.5
40°	724.2	738.1	744.8	749.6	744.8	738.1	724.2	699.8	665.7	620.4	577.6
37.5°	1027.9	1062.9	1082.7	1099.8	1082.7	1062.9	1027.9	974.1	902.3	810.4	749.7
35°	1526.5	1606.5	1653.6	1663.9	1653.6	1606.5	1526.5	1417.3	1283.1	1140.3	1018.6
32.5°	2341.1	2498.0	2591.8	2603.5	2591.8	2498.0	2341.1	2132.6	1861.7	1609.9	1408.0
30°	4027.2	4466.9	4768.2	4726.7	4768.2	4466.9	4027.2	3519.5	2865.5	2378.1	1968.8
27.5°	7029.2	7826.5	8344.4	8301.3	8344.4	7826.5	7029.2	6030.8	4812.1	3892.4	2837.2
25°	10237.7	10971.6	11404.8	11564.7	11404.8	10971.6	10237.7	9234.7	7930.2	6298.3	4591.7
22.5°	12857.7	13513.9	13888.6	14112.9	13888.6	13513.9	12857.7	11985.2	10717.7	9071.8	7168.8
20°	14865.2	15434.2	15756.5	15894.9	15756.5	15434.2	14865.2	14101.0	12981.1	11564.2	9620.6
17.5°	16409.6	16885.9	17250.9	17344.8	17250.9	16885.9	16409.6	15708.1	14715.3	13470.5	11779.2
15°	17775.7	18391.0	18821.3	18981.8	18821.3	18391.0	17775.7	16950.2	16057.6	14899.3	13435.7
12.5°	19498.3	20568.2	21136.9	21268.1	21136.9	20568.2	19498.3	18341.2	17144.8	16059.0	14649.7
10°	22044.4	23689.0	23875.3	23620.2	23875.3	23689.0	22044.4	20208.4	18414.5	16999.5	15586.2
7.5°	25752.6	27945.4	27471.3	26681.6	27471.3	27945.4	25752.6	22296.0	19708.6	17818.7	16261.2
5°	28406.3	31450.7	31545.2	30965.4	31545.2	31450.7	28406.3	24559.4	21087.0	18558.9	16799.7
2.5°	29462.7	32596.7	34156.5	34412.1	34156.5	32596.7	29462.7	25486.4	21858.7	18996.4	17151.8
0°	29541.8	32966.0	34815.3	35274.7	34815.3	32966.0	29541.8	25656.6	21987.8	19120.9	17283.5
-2.5°	29462.7	32596.7	34156.5	34412.1	34156.5	32596.7	29462.7	25486.4	21858.7	18996.4	17151.8
-5°	28406.3	31450.7	31545.2	30965.4	31545.2	31450.7	28406.3	24559.4	21087.0	18558.9	16799.7
-7.5°	25752.6	27945.4	27471.3	26681.6	27471.3	27945.4	25752.6	22296.0	19708.6	17818.7	16261.2
-10°	22044.4	23689.0	23875.3	23620.2	23875.3	23689.0	22044.4	20208.4	18414.5	16999.5	15586.2
-12.5°	19498.3	20568.2	21136.9	21268.1	21136.9	20568.2	19498.3	18341.2	17144.8	16059.0	14649.7
-15°	17775.7	18391.0	18821.3	18981.8	18821.3	18391.0	17775.7	16950.2	16057.6	14899.3	13435.7
-17.5°	16409.6	16885.9	17250.9	17344.8	17250.9	16885.9	16409.6	15708.1	14715.3	13470.5	11779.2
-20°	14865.2	15434.2	15756.5	15894.9	15756.5	15434.2	14865.2	14101.0	12981.1	11564.2	9620.6



REPORT NUMBER: P559004 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	12857.7	13513.9	13888.6	14112.9	13888.6	13513.9	12857.7	11985.2	10717.7	9071.8	7168.8
-25°	10237.7	10971.6	11404.8	11564.7	11404.8	10971.6	10237.7	9234.7	7930.2	6298.3	4591.7
-27.5°	7029.2	7826.5	8344.4	8301.3	8344.4	7826.5	7029.2	6030.8	4812.1	3892.4	2837.2
-30°	4027.2	4466.9	4768.2	4726.7	4768.2	4466.9	4027.2	3519.5	2865.5	2378.1	1968.8
-32.5°	2341.1	2498.0	2591.8	2603.5	2591.8	2498.0	2341.1	2132.6	1861.7	1609.9	1408.0
-35°	1526.5	1606.5	1653.6	1663.9	1653.6	1606.5	1526.5	1417.3	1283.1	1140.3	1018.6
-37.5°	1027.9	1062.9	1082.7	1099.8	1082.7	1062.9	1027.9	974.1	902.3	810.4	749.7
-40°	724.2	738.1	744.8	749.6	744.8	738.1	724.2	699.8	665.7	620.4	577.6
-42.5°	550.7	558.6	561.9	562.6	561.9	558.6	550.7	536.5	515.0	485.3	453.5
-45°	434.4	439.6	442.1	442.9	442.1	439.6	434.4	424.7	409.9	390.9	370.2
-47.5°	355.1	357.1	358.4	359.1	358.4	357.1	355.1	351.1	345.6	338.7	330.1
-50°	319.1	320.4	321.8	323.2	321.8	320.4	319.1	317.1	314.9	312.3	308.6
-52.5°	300.7	300.6	301.2	302.2	301.2	300.6	300.7	300.6	300.2	299.5	298.6
-55°	294.2	292.7	291.9	291.8	291.9	292.7	294.2	295.9	297.6	299.7	302.1
-57.5°	303.9	302.1	301.1	300.8	301.1	302.1	303.9	305.8	307.9	310.6	313.2
-60°	321.2	322.8	323.2	323.2	323.2	322.8	321.2	319.4	317.2	315.4	313.4
-62.5°	314.7	319.3	321.2	321.7	321.2	319.3	314.7	309.6	304.1	298.6	292.6
-65°	276.7	279.3	280.2	279.8	280.2	279.3	276.7	273.3	269.3	264.0	257.6
-67.5°	232.6	233.6	234.5	234.9	234.5	233.6	232.6	230.8	228.1	224.1	218.9
-70°	193.4	194.9	195.7	196.0	195.7	194.9	193.4	191.5	188.9	185.8	182.0
-72.5°	158.0	159.2	159.2	158.6	159.2	159.2	158.0	156.4	154.4	151.9	148.6
-75°	124.4	125.0	125.5	125.7	125.5	125.0	124.4	123.4	122.1	120.3	117.5
-77.5°	92.0	92.3	91.9	91.3	91.9	92.3	92.0	91.4	90.5	89.1	87.4
-80°	65.7	66.9	66.5	65.8	66.5	66.9	65.7	64.4	62.9	61.5	60.7
-82.5°	42.9	43.2	43.3	43.4	43.3	43.2	42.9	42.5	42.0	41.4	40.7
-85°	23.6	23.8	24.6	25.4	24.6	23.8	23.6	23.4	23.1	22.8	22.4
-87.5°	8.6	9.0	9.0	9.0	9.0	9.0	8.6	8.1	7.7	7.2	7.2
-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: P559004 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	7.0	6.9	6.8	7.0	7.1	7.3	7.4	7.1	6.9	6.6	6.4
85°	21.9	21.4	20.8	20.0	19.1	18.3	17.5	16.9	16.1	15.3	14.5
82.5°	39.9	38.9	37.9	36.6	35.2	33.7	32.0	30.3	28.6	26.8	24.9
80°	59.8	58.7	57.4	55.8	54.1	52.1	49.9	47.5	44.8	42.2	39.7
77.5°	85.4	83.2	80.8	78.4	75.8	72.9	69.8	66.7	63.6	60.3	56.6
75°	114.5	111.2	107.8	104.5	100.9	96.9	93.0	88.9	84.6	80.0	74.9
72.5°	144.9	140.8	136.6	132.5	127.9	123.1	117.8	112.1	106.4	100.7	94.5
70°	177.5	172.5	167.3	162.1	156.9	151.3	144.4	136.8	128.8	121.3	114.2
67.5°	213.2	207.0	200.6	193.7	186.9	179.8	172.0	163.3	154.3	144.8	135.2
65°	250.5	242.8	235.6	228.0	219.5	210.2	200.1	190.2	180.2	169.5	158.2
62.5°	285.9	278.6	271.9	263.4	253.9	243.4	232.0	220.1	207.6	194.5	181.9
60°	310.9	308.4	301.9	294.6	286.6	277.3	264.5	251.0	236.8	222.0	206.6
57.5°	315.8	316.7	315.3	313.7	311.8	303.9	292.9	281.3	266.7	249.8	232.2
55°	304.5	308.1	312.3	316.6	319.4	315.9	312.7	305.5	292.2	278.0	259.1
52.5°	298.0	301.1	304.2	307.2	311.3	315.0	318.0	314.7	311.7	299.6	283.9
50°	305.7	304.4	302.8	302.4	304.7	306.7	310.3	314.4	316.2	312.8	303.9
47.5°	324.5	318.7	312.3	308.8	305.0	302.0	304.3	307.4	313.1	317.7	313.5
45°	359.1	345.8	331.7	323.5	314.2	308.3	302.7	303.6	307.5	313.0	318.7
42.5°	426.3	394.3	369.2	349.7	331.6	321.0	311.2	305.5	304.0	308.3	313.2
40°	532.1	478.8	438.3	392.8	363.7	339.7	325.4	313.1	307.0	305.2	308.0
37.5°	678.5	605.1	538.7	469.5	417.3	372.5	345.7	327.2	313.7	306.6	304.5
35°	880.4	773.1	671.3	581.0	493.7	430.1	375.8	346.3	326.3	311.9	303.9
32.5°	1183.4	1017.7	842.1	722.0	603.9	504.2	430.7	373.7	340.1	321.1	308.5
30°	1624.3	1351.9	1110.2	892.8	738.6	604.6	495.1	417.0	362.6	331.1	313.9
27.5°	2258.2	1775.1	1451.3	1142.9	892.9	724.4	583.7	467.1	389.3	347.4	322.4
25°	3386.8	2442.4	1859.3	1453.5	1117.5	850.9	679.1	538.9	432.4	364.4	330.0
22.5°	5046.9	3580.5	2451.5	1794.9	1376.7	1040.2	789.1	613.8	472.9	389.6	343.6
20°	7442.9	5088.9	3435.4	2317.0	1678.1	1225.8	910.9	698.2	536.4	423.5	357.0
17.5°	9626.8	7200.0	4652.0	2935.5	2053.8	1480.0	1068.6	779.2	590.9	453.6	368.8
15°	11515.6	9028.1	6304.8	3962.1	2457.6	1714.0	1215.9	852.0	642.4	489.8	391.2
12.5°	12856.7	10536.3	7824.6	4848.9	2929.7	1976.9	1389.8	968.6	698.1	525.4	411.6
10°	13974.9	11721.6	9072.7	6030.7	3606.1	2259.7	1544.6	1066.5	745.4	552.9	427.7
7.5°	14651.2	12598.4	10031.0	7027.8	4160.8	2497.1	1672.5	1139.8	783.3	572.5	439.5
5°	15167.7	13224.2	10727.6	7780.5	4617.1	2676.0	1774.0	1188.8	810.9	584.4	447.2
2.5°	15550.6	13583.1	11167.1	8235.3	4902.3	2793.3	1841.9	1223.7	824.6	595.0	453.7
0°	15607.7	13699.9	11193.6	8317.8	4830.0	2847.4	1868.8	1244.9	824.4	600.0	456.4
-2.5°	15550.6	13583.1	11167.1	8235.3	4902.3	2793.3	1841.9	1223.7	824.6	595.0	453.7
-5°	15167.7	13224.2	10727.6	7780.5	4617.1	2676.0	1774.0	1188.8	810.9	584.4	447.2
-7.5°	14651.2	12598.4	10031.0	7027.8	4160.8	2497.1	1672.5	1139.8	783.3	572.5	439.5
-10°	13974.9	11721.6	9072.7	6030.7	3606.1	2259.7	1544.6	1066.5	745.4	552.9	427.7
-12.5°	12856.7	10536.3	7824.6	4848.9	2929.7	1976.9	1389.8	968.6	698.1	525.4	411.6
-15°	11515.6	9028.1	6304.8	3962.1	2457.6	1714.0	1215.9	852.0	642.4	489.8	391.2
-17.5°	9626.8	7200.0	4652.0	2935.5	2053.8	1480.0	1068.6	779.2	590.9	453.6	368.8
-20°	7442.9	5088.9	3435.4	2317.0	1678.1	1225.8	910.9	698.2	536.4	423.5	357.0



REPORT NUMBER: P559004 (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°	5046.9	3580.5	2451.5	1794.9	1376.7	1040.2	789.1	613.8	472.9	389.6	343.6
-25°	3386.8	2442.4	1859.3	1453.5	1117.5	850.9	679.1	538.9	432.4	364.4	330.0
-27.5°	2258.2	1775.1	1451.3	1142.9	892.9	724.4	583.7	467.1	389.3	347.4	322.4
-30°	1624.3	1351.9	1110.2	892.8	738.6	604.6	495.1	417.0	362.6	331.1	313.9
-32.5°	1183.4	1017.7	842.1	722.0	603.9	504.2	430.7	373.7	340.1	321.1	308.5
-35°	880.4	773.1	671.3	581.0	493.7	430.1	375.8	346.3	326.3	311.9	303.9
-37.5°	678.5	605.1	538.7	469.5	417.3	372.5	345.7	327.2	313.7	306.6	304.5
-40°	532.1	478.8	438.3	392.8	363.7	339.7	325.4	313.1	307.0	305.2	308.0
-42.5°	426.3	394.3	369.2	349.7	331.6	321.0	311.2	305.5	304.0	308.3	313.2
-45°	359.1	345.8	331.7	323.5	314.2	308.3	302.7	303.6	307.5	313.0	318.7
-47.5°	324.5	318.7	312.3	308.8	305.0	302.0	304.3	307.4	313.1	317.7	313.5
-50°	305.7	304.4	302.8	302.4	304.7	306.7	310.3	314.4	316.2	312.8	303.9
-52.5°	298.0	301.1	304.2	307.2	311.3	315.0	318.0	314.7	311.7	299.6	283.9
-55°	304.5	308.1	312.3	316.6	319.4	315.9	312.7	305.5	292.2	278.0	259.1
-57.5°	315.8	316.7	315.3	313.7	311.8	303.9	292.9	281.3	266.7	249.8	232.2
-60°	310.9	308.4	301.9	294.6	286.6	277.3	264.5	251.0	236.8	222.0	206.6
-62.5°	285.9	278.6	271.9	263.4	253.9	243.4	232.0	220.1	207.6	194.5	181.9
-65°	250.5	242.8	235.6	228.0	219.5	210.2	200.1	190.2	180.2	169.5	158.2
-67.5°	213.2	207.0	200.6	193.7	186.9	179.8	172.0	163.3	154.3	144.8	135.2
-70°	177.5	172.5	167.3	162.1	156.9	151.3	144.4	136.8	128.8	121.3	114.2
-72.5°	144.9	140.8	136.6	132.5	127.9	123.1	117.8	112.1	106.4	100.7	94.5
-75°	114.5	111.2	107.8	104.5	100.9	96.9	93.0	88.9	84.6	80.0	74.9
-77.5°	85.4	83.2	80.8	78.4	75.8	72.9	69.8	66.7	63.6	60.3	56.6
-80°	59.8	58.7	57.4	55.8	54.1	52.1	49.9	47.5	44.8	42.2	39.7
-82.5°	39.9	38.9	37.9	36.6	35.2	33.7	32.0	30.3	28.6	26.8	24.9
-85°	21.9	21.4	20.8	20.0	19.1	18.3	17.5	16.9	16.1	15.3	14.5
-87.5°	7.0	6.9	6.8	7.0	7.1	7.3	7.4	7.1	6.9	6.6	6.4
-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: P559004 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	6.1	5.8	5.5	5.2	4.8	4.5	4.2	3.8	3.4	3.1	2.7
85°	13.8	13.0	12.1	11.2	10.1	9.0	8.3	7.6	6.9	6.1	5.4
82.5°	23.3	22.1	21.0	19.7	18.1	16.4	14.7	13.0	11.2	9.4	8.1
80°	37.1	34.6	32.1	29.5	26.6	23.8	21.5	19.2	17.0	14.7	12.2
77.5°	52.5	48.3	44.1	40.4	36.7	33.0	29.3	25.8	22.8	20.0	16.9
75°	69.1	63.8	58.5	53.1	47.5	42.0	37.5	33.2	29.2	25.3	21.7
72.5°	87.8	80.9	73.7	66.3	59.6	53.0	46.5	40.5	35.7	31.0	26.4
70°	106.6	98.6	90.4	81.8	72.8	63.9	56.4	49.2	42.1	36.6	31.2
67.5°	125.5	116.7	107.5	97.3	87.2	77.0	66.5	58.1	50.2	42.1	35.9
65°	147.1	135.8	124.6	113.5	102.0	90.2	78.7	67.6	58.1	49.2	40.6
62.5°	168.9	155.7	143.0	129.9	117.1	104.0	90.6	78.6	66.3	56.1	46.2
60°	191.3	176.7	161.4	146.7	132.3	117.9	103.4	89.4	76.1	62.9	52.2
57.5°	215.1	197.7	180.8	163.7	147.4	131.7	115.9	100.4	85.6	71.0	58.0
55°	239.1	219.7	200.4	181.6	162.8	145.2	128.2	111.2	94.9	79.3	63.8
52.5°	264.6	242.0	220.3	199.4	179.0	158.8	140.5	121.7	104.2	87.3	70.6
50°	286.5	264.9	240.4	217.2	194.9	173.5	152.6	132.7	113.1	95.1	77.4
47.5°	304.6	284.2	260.7	234.9	210.8	187.8	165.3	143.5	121.6	102.6	83.8
45°	312.3	300.9	278.6	252.8	226.3	202.0	178.0	154.1	131.1	109.8	90.0
42.5°	316.8	309.5	293.8	269.8	242.5	215.9	190.1	165.0	140.4	116.7	95.9
40°	312.5	313.7	305.7	284.0	258.4	229.2	202.2	175.6	149.4	123.8	101.7
37.5°	307.4	312.7	309.5	297.8	273.0	243.3	213.8	185.6	158.0	131.3	107.3
35°	304.3	308.1	313.6	305.8	285.0	256.7	224.8	195.3	166.4	138.4	112.6
32.5°	301.6	304.5	310.6	309.3	296.3	269.5	235.9	204.5	174.3	145.1	117.6
30°	304.0	302.4	307.1	312.5	304.6	279.3	246.8	213.2	181.7	151.2	122.5
27.5°	307.5	300.1	304.0	311.0	307.2	288.3	256.7	221.2	188.6	157.1	127.5
25°	311.6	301.6	302.0	308.2	309.6	296.3	265.7	228.7	195.1	162.7	132.1
22.5°	318.1	304.0	300.0	305.5	311.8	303.7	273.1	236.1	201.1	167.8	136.2
20°	323.8	305.9	298.0	303.0	311.4	305.6	279.2	242.8	206.6	172.3	139.9
17.5°	329.8	309.0	299.2	301.3	309.3	307.2	284.6	248.6	211.3	176.4	143.2
15°	339.5	313.3	300.6	299.9	307.3	308.7	289.5	253.6	215.5	179.9	146.0
12.5°	347.8	316.8	301.7	298.7	305.4	309.9	293.7	257.8	219.0	182.8	148.5
10°	354.5	319.6	302.4	297.7	303.7	310.9	297.2	261.5	222.2	185.1	150.5
7.5°	359.6	321.6	302.8	297.0	302.3	311.7	300.4	265.4	224.8	186.8	152.1
5°	363.4	323.9	303.9	296.6	301.5	312.3	302.9	268.5	226.9	187.9	153.2
2.5°	366.6	326.9	305.4	296.4	301.0	312.6	304.4	270.8	228.2	188.5	153.9
0°	368.1	329.2	306.7	296.3	300.8	312.7	305.2	272.3	228.9	188.5	154.1
-2.5°	366.6	326.9	305.4	296.4	301.0	312.6	304.4	270.8	228.2	188.5	153.9
-5°	363.4	323.9	303.9	296.6	301.5	312.3	302.9	268.5	226.9	187.9	153.2
-7.5°	359.6	321.6	302.8	297.0	302.3	311.7	300.4	265.4	224.8	186.8	152.1
-10°	354.5	319.6	302.4	297.7	303.7	310.9	297.2	261.5	222.2	185.1	150.5
-12.5°	347.8	316.8	301.7	298.7	305.4	309.9	293.7	257.8	219.0	182.8	148.5
-15°	339.5	313.3	300.6	299.9	307.3	308.7	289.5	253.6	215.5	179.9	146.0
-17.5°	329.8	309.0	299.2	301.3	309.3	307.2	284.6	248.6	211.3	176.4	143.2
-20°	323.8	305.9	298.0	303.0	311.4	305.6	279.2	242.8	206.6	172.3	139.9



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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°	318.1	304.0	300.0	305.5	311.8	303.7	273.1	236.1	201.1	167.8	136.2
-25°	311.6	301.6	302.0	308.2	309.6	296.3	265.7	228.7	195.1	162.7	132.1
-27.5°	307.5	300.1	304.0	311.0	307.2	288.3	256.7	221.2	188.6	157.1	127.5
-30°	304.0	302.4	307.1	312.5	304.6	279.3	246.8	213.2	181.7	151.2	122.5
-32.5°	301.6	304.5	310.6	309.3	296.3	269.5	235.9	204.5	174.3	145.1	117.6
-35°	304.3	308.1	313.6	305.8	285.0	256.7	224.8	195.3	166.4	138.4	112.6
-37.5°	307.4	312.7	309.5	297.8	273.0	243.3	213.8	185.6	158.0	131.3	107.3
-40°	312.5	313.7	305.7	284.0	258.4	229.2	202.2	175.6	149.4	123.8	101.7
-42.5°	316.8	309.5	293.8	269.8	242.5	215.9	190.1	165.0	140.4	116.7	95.9
-45°	312.3	300.9	278.6	252.8	226.3	202.0	178.0	154.1	131.1	109.8	90.0
-47.5°	304.6	284.2	260.7	234.9	210.8	187.8	165.3	143.5	121.6	102.6	83.8
-50°	286.5	264.9	240.4	217.2	194.9	173.5	152.6	132.7	113.1	95.1	77.4
-52.5°	264.6	242.0	220.3	199.4	179.0	158.8	140.5	121.7	104.2	87.3	70.6
-55°	239.1	219.7	200.4	181.6	162.8	145.2	128.2	111.2	94.9	79.3	63.8
-57.5°	215.1	197.7	180.8	163.7	147.4	131.7	115.9	100.4	85.6	71.0	58.0
-60°	191.3	176.7	161.4	146.7	132.3	117.9	103.4	89.4	76.1	62.9	52.2
-62.5°	168.9	155.7	143.0	129.9	117.1	104.0	90.6	78.6	66.3	56.1	46.2
-65°	147.1	135.8	124.6	113.5	102.0	90.2	78.7	67.6	58.1	49.2	40.6
-67.5°	125.5	116.7	107.5	97.3	87.2	77.0	66.5	58.1	50.2	42.1	35.9
-70°	106.6	98.6	90.4	81.8	72.8	63.9	56.4	49.2	42.1	36.6	31.2
-72.5°	87.8	80.9	73.7	66.3	59.6	53.0	46.5	40.5	35.7	31.0	26.4
-75°	69.1	63.8	58.5	53.1	47.5	42.0	37.5	33.2	29.2	25.3	21.7
-77.5°	52.5	48.3	44.1	40.4	36.7	33.0	29.3	25.8	22.8	20.0	16.9
-80°	37.1	34.6	32.1	29.5	26.6	23.8	21.5	19.2	17.0	14.7	12.2
-82.5°	23.3	22.1	21.0	19.7	18.1	16.4	14.7	13.0	11.2	9.4	8.1
-85°	13.8	13.0	12.1	11.2	10.1	9.0	8.3	7.6	6.9	6.1	5.4
-87.5°	6.1	5.8	5.5	5.2	4.8	4.5	4.2	3.8	3.4	3.1	2.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
85°	4.7	3.9	3.1	2.3	1.6	0.8	0.0
82.5°	7.0	5.8	4.7	3.5	2.3	1.2	0.0
80°	9.5	7.8	6.2	4.7	3.1	1.6	0.0
77.5°	13.7	10.2	7.8	5.8	3.9	1.9	0.0
75°	17.8	13.5	9.5	7.0	4.7	2.3	0.0
72.5°	21.8	16.9	12.1	8.1	5.4	2.7	0.0
70°	25.8	20.1	14.6	9.4	6.1	3.1	0.0
67.5°	29.8	23.3	17.1	11.2	6.9	3.4	0.0
65°	33.9	26.6	19.6	13.0	7.6	3.8	0.0
62.5°	37.8	30.0	22.0	14.8	8.3	4.2	0.0
60°	41.7	33.4	24.3	16.5	9.0	4.5	0.0
57.5°	46.7	36.7	27.0	18.2	10.1	4.8	0.0
55°	51.6	40.0	29.7	19.8	11.2	5.2	0.0
52.5°	56.4	43.3	32.3	21.4	12.3	5.5	0.0
50°	61.0	47.2	34.8	22.9	13.3	5.8	0.0
47.5°	65.6	50.9	37.3	24.4	14.4	6.1	0.0
45°	70.9	54.5	39.7	26.2	15.3	6.4	0.0
42.5°	75.9	57.9	42.0	28.0	16.3	6.6	0.0
40°	80.5	61.2	44.5	29.7	17.2	6.9	0.0
37.5°	85.0	64.4	47.0	31.3	18.1	7.1	0.0
35°	89.1	67.7	49.4	32.8	18.9	7.4	0.0
32.5°	93.1	70.9	51.6	34.2	19.7	7.6	0.0
30°	97.0	73.9	53.7	35.5	20.4	7.8	0.0
27.5°	100.7	76.7	55.5	36.6	21.1	8.0	0.0
25°	104.2	79.2	57.1	37.7	21.8	8.2	0.0
22.5°	107.3	81.4	58.6	38.6	22.4	8.3	0.0
20°	110.2	83.3	59.9	39.4	23.0	8.5	0.0
17.5°	112.7	85.0	61.0	40.1	23.5	8.6	0.0
15°	114.9	86.4	62.0	40.7	23.9	8.7	0.0
12.5°	116.8	87.6	62.8	41.1	24.3	8.8	0.0
10°	118.3	88.5	63.5	41.5	24.6	8.9	0.0
7.5°	119.6	89.2	63.9	41.8	24.9	8.9	0.0
5°	120.5	89.6	64.2	41.9	25.1	9.0	0.0
2.5°	121.0	89.8	64.3	42.0	25.3	9.0	0.0
0°	121.2	89.8	64.3	41.9	25.4	9.0	0.0
-2.5°	121.0	89.8	64.3	42.0	25.3	9.0	0.0
-5°	120.5	89.6	64.2	41.9	25.1	9.0	0.0
-7.5°	119.6	89.2	63.9	41.8	24.9	8.9	0.0
-10°	118.3	88.5	63.5	41.5	24.6	8.9	0.0
-12.5°	116.8	87.6	62.8	41.1	24.3	8.8	0.0
-15°	114.9	86.4	62.0	40.7	23.9	8.7	0.0
-17.5°	112.7	85.0	61.0	40.1	23.5	8.6	0.0
-20°	110.2	83.3	59.9	39.4	23.0	8.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	107.3	81.4	58.6	38.6	22.4	8.3	0.0
-25°	104.2	79.2	57.1	37.7	21.8	8.2	0.0
-27.5°	100.7	76.7	55.5	36.6	21.1	8.0	0.0
-30°	97.0	73.9	53.7	35.5	20.4	7.8	0.0
-32.5°	93.1	70.9	51.6	34.2	19.7	7.6	0.0
-35°	89.1	67.7	49.4	32.8	18.9	7.4	0.0
-37.5°	85.0	64.4	47.0	31.3	18.1	7.1	0.0
-40°	80.5	61.2	44.5	29.7	17.2	6.9	0.0
-42.5°	75.9	57.9	42.0	28.0	16.3	6.6	0.0
-45°	70.9	54.5	39.7	26.2	15.3	6.4	0.0
-47.5°	65.6	50.9	37.3	24.4	14.4	6.1	0.0
-50°	61.0	47.2	34.8	22.9	13.3	5.8	0.0
-52.5°	56.4	43.3	32.3	21.4	12.3	5.5	0.0
-55°	51.6	40.0	29.7	19.8	11.2	5.2	0.0
-57.5°	46.7	36.7	27.0	18.2	10.1	4.8	0.0
-60°	41.7	33.4	24.3	16.5	9.0	4.5	0.0
-62.5°	37.8	30.0	22.0	14.8	8.3	4.2	0.0
-65°	33.9	26.6	19.6	13.0	7.6	3.8	0.0
-67.5°	29.8	23.3	17.1	11.2	6.9	3.4	0.0
-70°	25.8	20.1	14.6	9.4	6.1	3.1	0.0
-72.5°	21.8	16.9	12.1	8.1	5.4	2.7	0.0
-75°	17.8	13.5	9.5	7.0	4.7	2.3	0.0
-77.5°	13.7	10.2	7.8	5.8	3.9	1.9	0.0
-80°	9.5	7.8	6.2	4.7	3.1	1.6	0.0
-82.5°	7.0	5.8	4.7	3.5	2.3	1.2	0.0
-85°	4.7	3.9	3.1	2.3	1.6	0.8	0.0
-87.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)