

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: P559071 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-927-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559071 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-3)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA5D-927-U-NR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQUARE, NARROW SYMMETRICAL ROUND N3
Light Source: (80) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

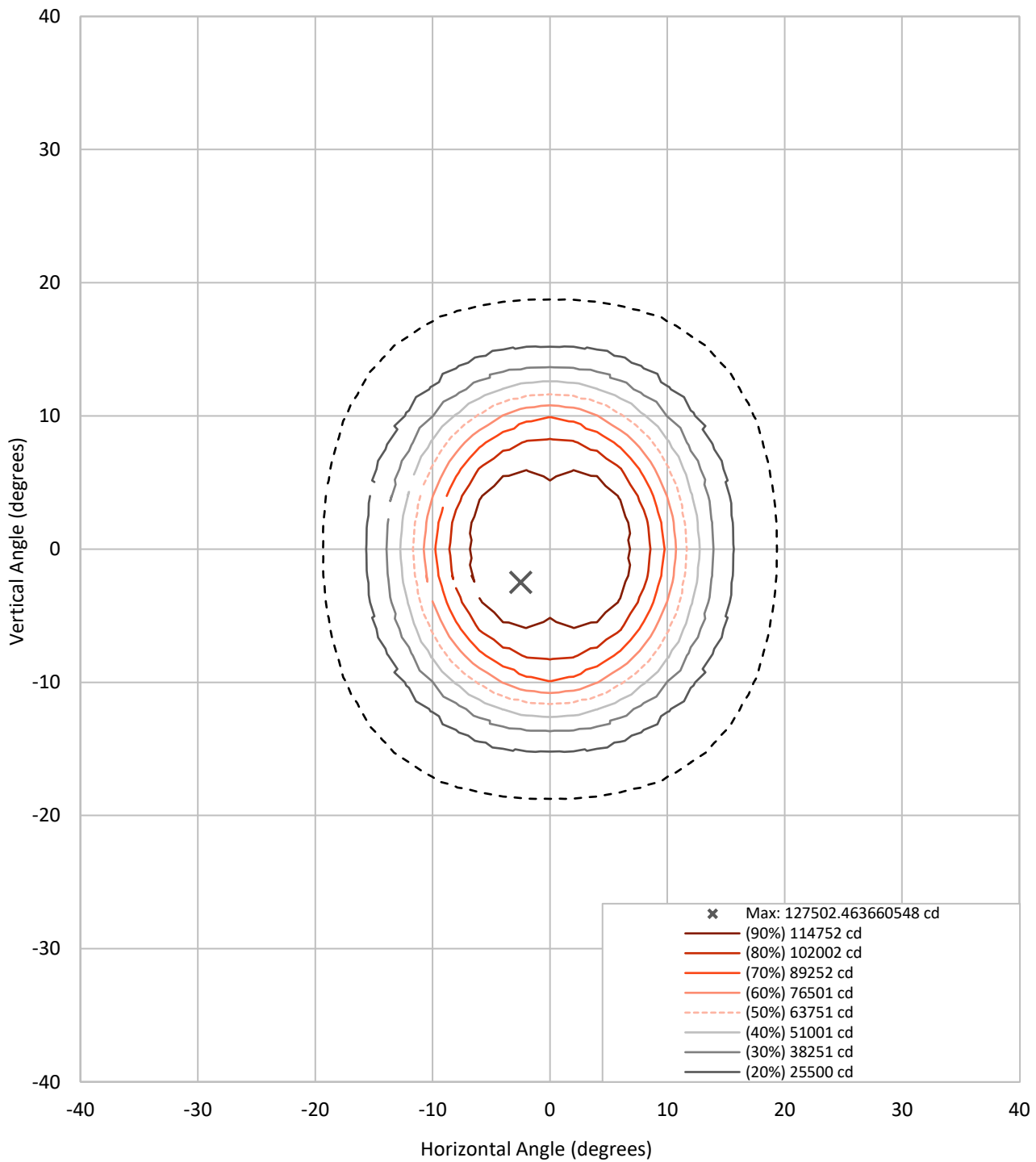
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	24110.6 lumens	Max Intensity:	127502.5 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	90.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	13016.5 lumens	Field Lumens:	19629.6 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 266
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





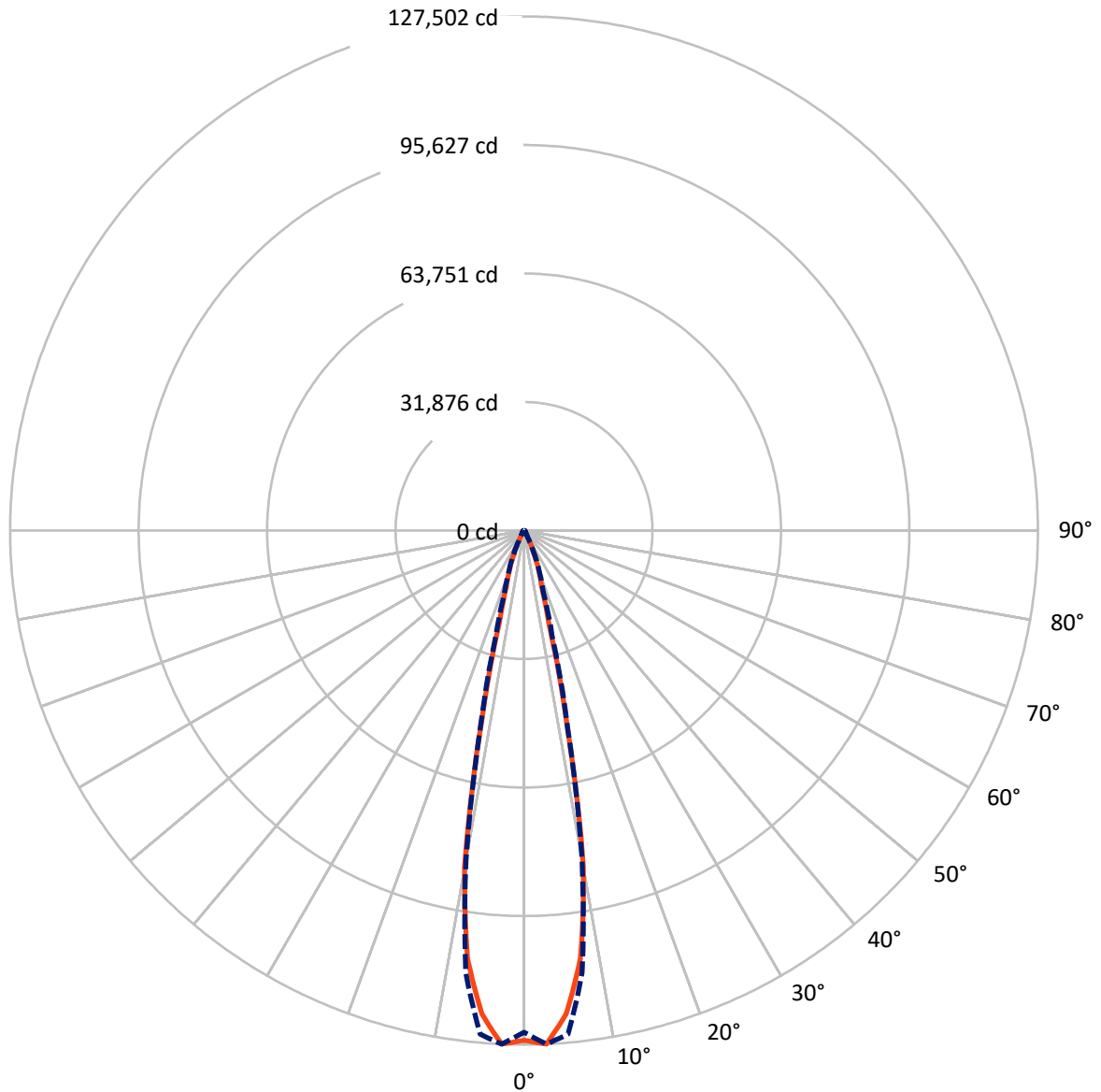
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Lumen Table

90	0.3	2.4		6.5		10.4		12.1		10.4		6.5		2.4		0.3			
80	0.3	2.4		6.5		10.4		12.1		10.4		6.5		2.4		0.3			
70	1.1	1.3	2.6	4.2	5.8	7.2	8.2	8.7	8.7	8.2	7.2	5.8	4.2	2.6	1.3	1.1			
60		1.9	3.8	6.0	8.0	9.5	10.6	11.0	11.0	10.6	9.5	8.0	6.0	3.8	1.9				
50	2.0	2.5	4.8	7.2	9.3	11.4	13.0	13.8	13.8	13.0	11.4	9.3	7.2	4.8	2.5	2.0			
40		3.0	5.6	8.1	11.0	15.0	19.7	23.6	23.6	19.7	15.0	11.0	8.1	5.6	3.0				
30	2.7	3.4	6.1	9.0	13.6	24.6	74.1	144.3	144.3	74.1	24.6	13.6	9.0	6.1	3.4	2.7			
20		3.6	6.4	9.5	17.0	73.2	337.6	868.0	868.0	337.6	73.2	17.0	9.5	6.4	3.6				
10	2.9	3.7	6.5	10.0	20.4	142.5	879.0	3105.4	3105.4	879.0	142.5	20.4	10.0	6.5	3.7	2.9			
0		3.7	6.5	10.0	20.4	142.5	879.0	3105.4	3105.4	879.0	142.5	20.4	10.0	6.5	3.7				
-10	2.7	3.6	6.4	9.5	17.0	73.2	337.6	868.0	868.0	337.6	73.2	17.0	9.5	6.4	3.6	2.7			
-20		3.4	6.1	9.0	13.6	24.6	74.1	144.3	144.3	74.1	24.6	13.6	9.0	6.1	3.4				
-30	2.0	3.0	5.6	8.1	11.0	15.0	19.7	23.6	23.6	19.7	15.0	11.0	8.1	5.6	3.0	2.0			
-40		2.5	4.8	7.2	9.3	11.4	13.0	13.8	13.8	13.0	11.4	9.3	7.2	4.8	2.5				
-50	1.1	1.9	3.8	6.0	8.0	9.5	10.6	11.0	11.0	10.6	9.5	8.0	6.0	3.8	1.9	1.1			
-60		1.3	2.6	4.2	5.8	7.2	8.2	8.7	8.7	8.2	7.2	5.8	4.2	2.6	1.3				
-70	0.3	2.4		6.5		10.4		12.1		10.4		6.5		2.4		0.3			
-80		2.4		6.5		10.4		12.1		10.4		6.5		2.4					
-90	0.3	2.4		6.5		10.4		12.1		10.4		6.5		2.4		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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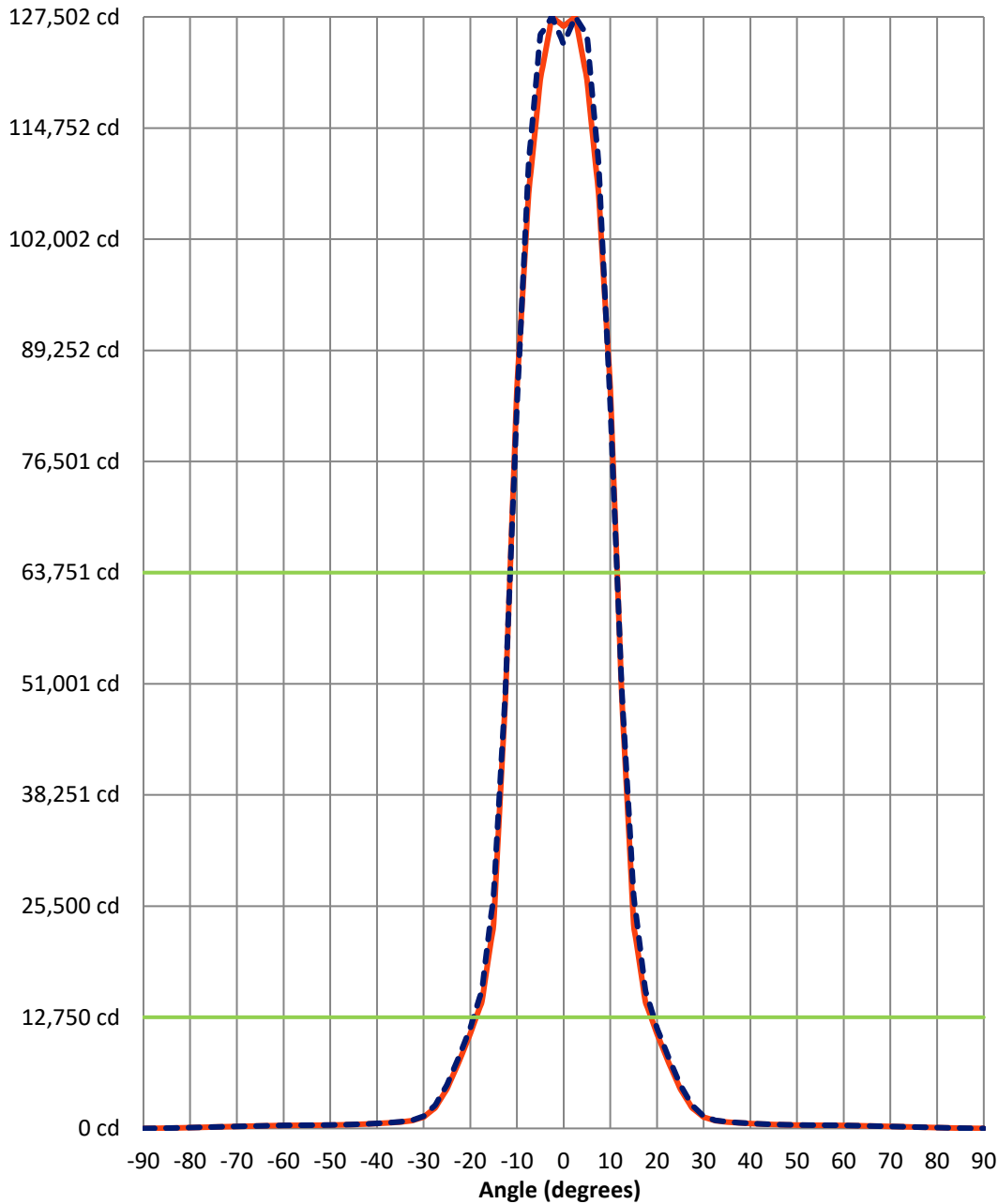
Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg - - - Horizontal Distribution Through -2.5-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 22.9°
 V Angle: 22.9°
 Lumens: 13016.5
 Efficiency: 54.0%

Field:
 H Angle: 38.6°
 V Angle: 37.5°
 Lumens: 19629.6
 Efficiency: 81.4%

Spill:
 Lumens: 4481
 Efficiency: 18.6%

— Vertical Distribution through -2.5-Deg
 - - Horizontal Distribution through -2.5-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	0.6	1.2	1.8	2.3	2.9	3.5	4.1	4.6	5.2	5.7
85°	0.0	1.2	2.4	3.5	4.7	5.8	7.0	8.1	9.2	10.3	11.4
82.5°	0.0	1.8	3.5	5.3	7.0	8.7	10.5	12.1	14.0	16.7	19.5
80°	0.0	2.3	4.7	7.0	9.3	11.6	14.1	17.6	21.2	25.0	28.9
77.5°	0.0	2.9	5.8	8.7	11.6	15.1	19.3	23.7	28.4	33.2	38.5
75°	0.0	3.5	7.0	10.5	14.2	19.5	24.4	29.8	35.6	42.4	48.7
72.5°	0.0	4.1	8.1	12.1	17.8	23.8	29.6	36.2	44.2	51.8	58.9
70°	0.0	4.6	9.2	14.0	21.3	28.2	34.8	43.8	52.7	61.2	71.1
67.5°	0.0	5.2	10.3	16.7	24.8	32.5	41.4	51.3	61.2	72.5	83.7
65°	0.0	5.7	11.4	19.4	28.3	37.2	47.8	58.8	71.1	83.7	96.4
62.5°	0.0	6.2	12.5	22.0	31.7	42.4	54.1	67.0	81.0	94.9	109.4
60°	0.0	6.7	13.5	24.6	35.1	47.4	60.2	75.4	90.6	106.4	122.2
57.5°	0.0	7.3	15.2	27.1	38.9	52.3	67.1	83.6	100.5	117.7	134.7
55°	0.0	7.7	16.8	29.5	42.7	57.1	74.0	91.6	110.3	128.7	147.0
52.5°	0.0	8.2	18.4	31.9	46.3	61.8	80.7	100.0	119.8	139.4	158.9
50°	0.0	8.7	19.9	34.2	49.8	67.2	87.1	108.1	129.0	149.8	170.8
47.5°	0.0	9.1	21.4	36.6	53.2	72.4	93.5	116.1	137.9	159.9	182.5
45°	0.0	9.5	22.8	39.0	56.4	77.4	100.1	123.8	146.6	170.1	193.9
42.5°	0.0	10.0	24.2	41.3	59.4	82.2	106.4	131.1	155.0	180.1	204.1
40°	0.0	10.3	25.5	43.4	62.7	86.7	112.6	138.1	163.2	189.7	213.6
37.5°	0.0	10.7	26.7	45.5	66.2	91.1	118.4	144.8	171.3	198.4	222.6
35°	0.0	11.1	27.9	47.4	69.5	95.5	124.0	151.2	178.8	205.9	231.2
32.5°	0.0	11.4	29.0	49.2	72.5	99.9	129.3	157.2	185.9	213.0	239.6
30°	0.0	11.7	30.0	50.9	75.4	104.0	134.1	162.8	192.4	219.6	247.2
27.5°	0.0	12.0	31.0	52.5	78.2	107.8	138.5	168.1	198.2	225.8	254.0
25°	0.0	12.2	31.9	53.9	80.8	111.4	142.6	173.0	203.3	231.5	260.1
22.5°	0.0	12.5	32.7	55.2	83.1	114.6	146.4	177.4	207.8	236.6	265.5
20°	0.0	12.7	33.4	56.4	85.3	117.6	149.8	181.4	212.0	241.0	270.3
17.5°	0.0	12.9	34.0	57.4	87.3	120.2	152.8	184.9	215.6	244.8	274.5
15°	0.0	13.0	34.6	58.4	89.1	122.4	155.3	187.9	218.8	248.0	278.1
12.5°	0.0	13.2	35.0	59.1	90.6	124.3	157.5	190.4	221.6	250.6	281.1
10°	0.0	13.3	35.4	59.8	91.9	125.8	159.2	192.5	223.8	253.2	283.5
7.5°	0.0	13.4	35.7	60.3	93.0	127.0	160.6	194.1	225.5	255.5	285.2
5°	0.0	13.4	35.9	60.6	93.8	127.8	161.6	195.3	226.8	257.3	286.3
2.5°	0.0	13.5	36.1	60.8	94.4	128.3	162.2	196.0	227.5	258.6	286.6
0°	0.0	13.5	36.1	60.9	94.7	128.5	162.4	196.2	227.8	259.3	286.4
-2.5°	0.0	13.5	36.1	60.9	94.7	128.5	162.4	196.2	227.8	259.3	286.4
-5°	0.0	13.4	35.9	60.6	93.8	127.8	161.6	195.3	226.8	257.3	286.3
-7.5°	0.0	13.4	35.7	60.3	93.0	127.0	160.6	194.1	225.5	255.5	285.2
-10°	0.0	13.3	35.4	59.8	91.9	125.8	159.2	192.5	223.8	253.2	283.5
-12.5°	0.0	13.2	35.0	59.1	90.6	124.3	157.5	190.4	221.6	250.6	281.1
-15°	0.0	13.0	34.6	58.4	89.1	122.4	155.3	187.9	218.8	248.0	278.1
-17.5°	0.0	12.9	34.0	57.4	87.3	120.2	152.8	184.9	215.6	244.8	274.5
-20°	0.0	12.7	33.4	56.4	85.3	117.6	149.8	181.4	212.0	241.0	270.3



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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	12.5	32.7	55.2	83.1	114.6	146.4	177.4	207.8	236.6	265.5
-25°	0.0	12.2	31.9	53.9	80.8	111.4	142.6	173.0	203.3	231.5	260.1
-27.5°	0.0	12.0	31.0	52.5	78.2	107.8	138.5	168.1	198.2	225.8	254.0
-30°	0.0	11.7	30.0	50.9	75.4	104.0	134.1	162.8	192.4	219.6	247.2
-32.5°	0.0	11.4	29.0	49.2	72.5	99.9	129.3	157.2	185.9	213.0	239.6
-35°	0.0	11.1	27.9	47.4	69.5	95.5	124.0	151.2	178.8	205.9	231.2
-37.5°	0.0	10.7	26.7	45.5	66.2	91.1	118.4	144.8	171.3	198.4	222.6
-40°	0.0	10.3	25.5	43.4	62.7	86.7	112.6	138.1	163.2	189.7	213.6
-42.5°	0.0	10.0	24.2	41.3	59.4	82.2	106.4	131.1	155.0	180.1	204.1
-45°	0.0	9.5	22.8	39.0	56.4	77.4	100.1	123.8	146.6	170.1	193.9
-47.5°	0.0	9.1	21.4	36.6	53.2	72.4	93.5	116.1	137.9	159.9	182.5
-50°	0.0	8.7	19.9	34.2	49.8	67.2	87.1	108.1	129.0	149.8	170.8
-52.5°	0.0	8.2	18.4	31.9	46.3	61.8	80.7	100.0	119.8	139.4	158.9
-55°	0.0	7.7	16.8	29.5	42.7	57.1	74.0	91.6	110.3	128.7	147.0
-57.5°	0.0	7.3	15.2	27.1	38.9	52.3	67.1	83.6	100.5	117.7	134.7
-60°	0.0	6.7	13.5	24.6	35.1	47.4	60.2	75.4	90.6	106.4	122.2
-62.5°	0.0	6.2	12.5	22.0	31.7	42.4	54.1	67.0	81.0	94.9	109.4
-65°	0.0	5.7	11.4	19.4	28.3	37.2	47.8	58.8	71.1	83.7	96.4
-67.5°	0.0	5.2	10.3	16.7	24.8	32.5	41.4	51.3	61.2	72.5	83.7
-70°	0.0	4.6	9.2	14.0	21.3	28.2	34.8	43.8	52.7	61.2	71.1
-72.5°	0.0	4.1	8.1	12.1	17.8	23.8	29.6	36.2	44.2	51.8	58.9
-75°	0.0	3.5	7.0	10.5	14.2	19.5	24.4	29.8	35.6	42.4	48.7
-77.5°	0.0	2.9	5.8	8.7	11.6	15.1	19.3	23.7	28.4	33.2	38.5
-80°	0.0	2.3	4.7	7.0	9.3	11.6	14.1	17.6	21.2	25.0	28.9
-82.5°	0.0	1.8	3.5	5.3	7.0	8.7	10.5	12.1	14.0	16.7	19.5
-85°	0.0	1.2	2.4	3.5	4.7	5.8	7.0	8.1	9.2	10.3	11.4
-87.5°	0.0	0.6	1.2	1.8	2.3	2.9	3.5	4.1	4.6	5.2	5.7
-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):

	-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°	6.2	6.7	7.3	7.7	8.2	8.7	9.1	9.5	10.0	10.3	10.7
85°	12.5	13.5	15.0	16.5	17.8	19.0	20.0	21.0	22.3	23.7	25.1
82.5°	21.9	24.2	26.2	28.1	29.8	31.3	32.9	35.1	38.0	40.7	43.0
80°	32.1	34.9	38.2	41.6	45.1	48.6	52.2	55.7	58.8	61.7	64.8
77.5°	43.1	47.6	52.2	56.9	61.8	67.2	72.4	77.4	82.0	86.6	91.0
75°	54.5	60.2	67.1	74.0	80.7	87.1	93.5	99.9	106.0	111.9	117.5
72.5°	67.0	75.4	83.6	91.6	100.3	108.6	116.4	123.6	131.0	138.6	145.5
70°	81.0	90.6	100.8	111.2	121.4	130.6	139.8	149.1	158.4	166.4	173.4
67.5°	94.9	106.7	118.6	130.5	141.7	152.3	163.3	173.7	183.4	191.7	199.6
65°	109.5	122.7	135.9	148.6	161.1	173.8	185.7	196.9	207.4	216.8	225.7
62.5°	123.7	138.2	152.5	166.7	181.3	195.2	207.7	219.5	231.0	241.1	250.7
60°	137.8	153.4	169.1	185.0	200.8	215.4	228.8	241.2	252.9	264.1	274.1
57.5°	151.5	168.3	185.4	202.5	219.1	234.9	248.5	261.7	273.7	285.1	295.5
55°	165.0	182.7	201.2	219.2	236.5	252.7	267.4	280.6	293.4	303.8	313.7
52.5°	178.3	197.0	216.3	235.1	252.8	269.6	284.8	298.1	309.8	320.4	329.2
50°	191.4	210.9	230.8	249.9	268.1	285.2	300.5	313.4	324.4	334.2	342.5
47.5°	203.8	224.4	244.1	263.9	282.3	299.3	314.3	326.4	337.3	346.1	353.8
45°	215.4	236.9	257.3	276.7	295.5	312.2	326.1	338.3	348.2	357.1	364.9
42.5°	226.5	248.9	269.7	289.0	307.4	323.5	337.2	348.5	358.7	367.4	376.0
40°	237.2	260.6	281.6	300.6	318.6	333.9	346.7	358.2	368.2	378.1	387.4
37.5°	247.6	271.3	293.0	312.3	328.2	343.1	355.7	367.1	378.4	389.1	401.7
35°	257.5	281.6	303.4	322.4	338.1	351.1	364.0	376.5	389.4	403.0	417.7
32.5°	266.7	291.5	313.6	331.0	345.7	358.8	372.2	387.2	402.6	418.2	436.1
30°	275.0	300.4	322.6	339.0	352.5	365.6	381.4	398.6	416.7	434.6	455.5
27.5°	282.1	308.7	329.5	345.3	358.6	371.2	388.8	411.1	430.6	449.7	472.8
25°	288.7	315.4	335.8	350.7	363.2	376.7	394.9	417.8	442.5	463.3	495.5
22.5°	294.5	321.5	341.6	355.4	366.7	381.2	399.8	422.4	447.8	474.0	518.6
20°	299.4	325.9	346.5	359.4	369.4	384.5	402.4	425.6	453.8	491.7	541.0
17.5°	303.7	330.4	350.2	362.1	372.7	387.0	403.4	427.4	460.2	507.6	561.6
15°	307.3	334.8	353.3	364.3	375.3	389.3	407.2	432.2	470.0	522.2	580.6
12.5°	310.4	339.0	355.9	366.2	376.9	391.1	411.2	439.8	481.6	536.9	601.4
10°	312.8	342.9	357.9	367.6	377.8	392.3	414.6	445.7	491.3	550.5	619.9
7.5°	315.0	346.0	359.5	368.6	378.0	392.9	417.4	449.9	498.3	561.7	635.5
5°	316.6	348.0	361.0	369.4	377.8	393.2	419.5	452.6	502.8	570.1	647.0
2.5°	317.6	349.2	362.2	369.8	377.4	393.1	421.1	457.0	508.2	576.4	654.1
0°	318.0	349.6	363.1	369.9	376.6	392.4	421.7	460.1	511.9	579.6	656.3
-2.5°	317.6	349.2	362.2	369.8	377.4	393.1	421.1	457.0	508.2	576.4	654.1
-5°	316.6	348.0	361.0	369.4	377.8	393.2	419.5	452.6	502.8	570.1	647.0
-7.5°	315.0	346.0	359.5	368.6	378.0	392.9	417.4	449.9	498.3	561.7	635.5
-10°	312.8	342.9	357.9	367.6	377.8	392.3	414.6	445.7	491.3	550.5	619.9
-12.5°	310.4	339.0	355.9	366.2	376.9	391.1	411.2	439.8	481.6	536.9	601.4
-15°	307.3	334.8	353.3	364.3	375.3	389.3	407.2	432.2	470.0	522.2	580.6
-17.5°	303.7	330.4	350.2	362.1	372.7	387.0	403.4	427.4	460.2	507.6	561.6
-20°	299.4	325.9	346.5	359.4	369.4	384.5	402.4	425.6	453.8	491.7	541.0



REPORT NUMBER: P559071 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-927-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	294.5	321.5	341.6	355.4	366.7	381.2	399.8	422.4	447.8	474.0	518.6
-25°	288.7	315.4	335.8	350.7	363.2	376.7	394.9	417.8	442.5	463.3	495.5
-27.5°	282.1	308.7	329.5	345.3	358.6	371.2	388.8	411.1	430.6	449.7	472.8
-30°	275.0	300.4	322.6	339.0	352.5	365.6	381.4	398.6	416.7	434.6	455.5
-32.5°	266.7	291.5	313.6	331.0	345.7	358.8	372.2	387.2	402.6	418.2	436.1
-35°	257.5	281.6	303.4	322.4	338.1	351.1	364.0	376.5	389.4	403.0	417.7
-37.5°	247.6	271.3	293.0	312.3	328.2	343.1	355.7	367.1	378.4	389.1	401.7
-40°	237.2	260.6	281.6	300.6	318.6	333.9	346.7	358.2	368.2	378.1	387.4
-42.5°	226.5	248.9	269.7	289.0	307.4	323.5	337.2	348.5	358.7	367.4	376.0
-45°	215.4	236.9	257.3	276.7	295.5	312.2	326.1	338.3	348.2	357.1	364.9
-47.5°	203.8	224.4	244.1	263.9	282.3	299.3	314.3	326.4	337.3	346.1	353.8
-50°	191.4	210.9	230.8	249.9	268.1	285.2	300.5	313.4	324.4	334.2	342.5
-52.5°	178.3	197.0	216.3	235.1	252.8	269.6	284.8	298.1	309.8	320.4	329.2
-55°	165.0	182.7	201.2	219.2	236.5	252.7	267.4	280.6	293.4	303.8	313.7
-57.5°	151.5	168.3	185.4	202.5	219.1	234.9	248.5	261.7	273.7	285.1	295.5
-60°	137.8	153.4	169.1	185.0	200.8	215.4	228.8	241.2	252.9	264.1	274.1
-62.5°	123.7	138.2	152.5	166.7	181.3	195.2	207.7	219.5	231.0	241.1	250.7
-65°	109.5	122.7	135.9	148.6	161.1	173.8	185.7	196.9	207.4	216.8	225.7
-67.5°	94.9	106.7	118.6	130.5	141.7	152.3	163.3	173.7	183.4	191.7	199.6
-70°	81.0	90.6	100.8	111.2	121.4	130.6	139.8	149.1	158.4	166.4	173.4
-72.5°	67.0	75.4	83.6	91.6	100.3	108.6	116.4	123.6	131.0	138.6	145.5
-75°	54.5	60.2	67.1	74.0	80.7	87.1	93.5	99.9	106.0	111.9	117.5
-77.5°	43.1	47.6	52.2	56.9	61.8	67.2	72.4	77.4	82.0	86.6	91.0
-80°	32.1	34.9	38.2	41.6	45.1	48.6	52.2	55.7	58.8	61.7	64.8
-82.5°	21.9	24.2	26.2	28.1	29.8	31.3	32.9	35.1	38.0	40.7	43.0
-85°	12.5	13.5	15.0	16.5	17.8	19.0	20.0	21.0	22.3	23.7	25.1
-87.5°	6.2	6.7	7.3	7.7	8.2	8.7	9.1	9.5	10.0	10.3	10.7
-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: P559071 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-927-U-NR-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°	11.1	10.9	10.7	10.5	10.2	10.9	11.6	12.3	13.0	13.2	13.3
85°	26.4	27.3	28.1	28.8	29.6	30.4	31.2	31.9	32.4	33.4	34.3
82.5°	45.1	46.9	48.6	50.2	51.6	53.3	55.0	56.6	58.1	59.0	59.7
80°	67.9	70.9	73.7	76.2	78.3	81.0	83.6	86.0	88.1	89.5	90.6
77.5°	95.4	99.2	102.7	106.0	109.2	112.3	114.8	117.0	118.6	120.7	122.6
75°	122.8	127.8	132.7	137.0	140.8	144.2	147.2	150.1	152.6	154.9	156.8
72.5°	151.9	157.7	162.8	167.6	172.0	176.4	180.5	184.2	187.3	190.0	192.2
70°	180.0	186.2	192.5	198.4	203.7	208.6	213.1	217.0	220.4	223.3	225.7
67.5°	207.1	214.2	221.3	227.9	233.8	239.0	243.9	248.6	252.8	256.0	258.2
65°	234.0	242.0	249.6	256.4	262.4	267.8	273.4	278.3	282.4	285.5	287.5
62.5°	260.3	268.8	276.2	283.2	290.0	295.7	300.5	304.9	309.0	312.4	314.5
60°	283.6	292.5	299.7	306.4	312.5	318.1	322.8	327.5	331.9	335.8	338.7
57.5°	304.2	312.5	319.9	325.8	331.3	336.4	341.0	344.9	347.9	350.3	352.3
55°	322.3	329.6	336.5	342.4	347.2	351.3	354.7	357.4	359.6	361.1	362.3
52.5°	337.6	344.4	351.2	356.9	360.6	364.0	366.9	370.2	372.1	372.4	372.2
50°	349.9	357.2	363.3	368.4	373.4	379.1	385.1	388.0	389.2	388.4	387.4
47.5°	361.2	368.3	375.0	381.3	388.7	398.2	407.9	412.5	412.1	410.0	409.0
45°	372.4	380.0	387.9	397.6	407.9	420.3	431.5	438.6	438.6	438.9	440.5
42.5°	383.8	393.4	404.2	417.5	431.0	444.8	456.8	465.6	472.2	480.2	486.8
40°	398.1	408.9	424.9	441.3	458.9	473.7	492.2	508.2	521.3	533.2	542.4
37.5°	414.9	430.3	450.6	471.7	494.5	517.4	539.2	559.4	576.7	596.5	611.2
35°	434.9	456.9	481.6	508.0	536.4	565.4	593.4	625.8	654.2	679.6	700.3
32.5°	458.4	484.9	515.2	550.2	585.7	624.1	664.3	705.9	745.9	787.6	829.2
30°	482.0	516.9	555.6	598.1	639.8	690.0	742.4	810.3	881.5	962.7	1087.5
27.5°	510.6	552.4	597.4	646.3	703.6	767.9	868.8	994.4	1208.7	1368.8	1799.0
25°	538.7	586.3	644.2	707.7	784.6	902.1	1143.3	1422.4	2043.8	2625.6	3297.8
22.5°	567.2	626.5	695.9	773.2	907.0	1209.5	1669.0	2510.4	3470.3	4489.3	5527.1
20°	595.8	665.7	752.6	881.8	1161.7	1679.4	2710.7	4062.7	5426.8	7093.2	8534.3
17.5°	628.1	714.7	828.4	1022.7	1483.9	2593.1	4118.5	5994.6	8105.4	10247.8	12046.6
15°	654.8	756.2	908.4	1288.3	2159.0	3630.5	5626.8	8169.8	11048.1	13756.4	16066.6
12.5°	684.2	802.3	1002.4	1503.7	2781.8	4716.6	7347.4	10476.7	13929.7	17640.7	23516.6
10°	711.4	848.7	1160.1	1951.0	3499.8	5814.0	8888.2	12414.3	16601.9	24032.0	37921.7
7.5°	734.3	885.4	1278.7	2284.4	4149.6	6849.3	10144.3	14071.0	20366.9	32849.9	56223.0
5°	749.9	909.8	1361.1	2533.9	4667.2	7613.1	10947.4	15161.9	24208.0	43628.7	71772.1
2.5°	760.9	923.0	1405.1	2679.4	4994.7	8118.7	11516.3	15895.9	26786.9	49863.5	82837.0
0°	769.0	926.9	1414.0	2805.5	5105.7	8290.1	11544.3	16093.0	27671.1	52297.8	86779.6
-2.5°	760.9	923.0	1405.1	2679.4	4994.7	8118.7	11516.3	15895.9	26786.9	49863.5	82837.0
-5°	749.9	909.8	1361.1	2533.9	4667.2	7613.1	10947.4	15161.9	24208.0	43628.7	71772.1
-7.5°	734.3	885.4	1278.7	2284.4	4149.6	6849.3	10144.3	14071.0	20366.9	32849.9	56223.0
-10°	711.4	848.7	1160.1	1951.0	3499.8	5814.0	8888.2	12414.3	16601.9	24032.0	37921.7
-12.5°	684.2	802.3	1002.4	1503.7	2781.8	4716.6	7347.4	10476.7	13929.7	17640.7	23516.6
-15°	654.8	756.2	908.4	1288.3	2159.0	3630.5	5626.8	8169.8	11048.1	13756.4	16066.6
-17.5°	628.1	714.7	828.4	1022.7	1483.9	2593.1	4118.5	5994.6	8105.4	10247.8	12046.6
-20°	595.8	665.7	752.6	881.8	1161.7	1679.4	2710.7	4062.7	5426.8	7093.2	8534.3



REPORT NUMBER: P559071 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-927-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	567.2	626.5	695.9	773.2	907.0	1209.5	1669.0	2510.4	3470.3	4489.3	5527.1
-25°	538.7	586.3	644.2	707.7	784.6	902.1	1143.3	1422.4	2043.8	2625.6	3297.8
-27.5°	510.6	552.4	597.4	646.3	703.6	767.9	868.8	994.4	1208.7	1368.8	1799.0
-30°	482.0	516.9	555.6	598.1	639.8	690.0	742.4	810.3	881.5	962.7	1087.5
-32.5°	458.4	484.9	515.2	550.2	585.7	624.1	664.3	705.9	745.9	787.6	829.2
-35°	434.9	456.9	481.6	508.0	536.4	565.4	593.4	625.8	654.2	679.6	700.3
-37.5°	414.9	430.3	450.6	471.7	494.5	517.4	539.2	559.4	576.7	596.5	611.2
-40°	398.1	408.9	424.9	441.3	458.9	473.7	492.2	508.2	521.3	533.2	542.4
-42.5°	383.8	393.4	404.2	417.5	431.0	444.8	456.8	465.6	472.2	480.2	486.8
-45°	372.4	380.0	387.9	397.6	407.9	420.3	431.5	438.6	438.6	438.9	440.5
-47.5°	361.2	368.3	375.0	381.3	388.7	398.2	407.9	412.5	412.1	410.0	409.0
-50°	349.9	357.2	363.3	368.4	373.4	379.1	385.1	388.0	389.2	388.4	387.4
-52.5°	337.6	344.4	351.2	356.9	360.6	364.0	366.9	370.2	372.1	372.4	372.2
-55°	322.3	329.6	336.5	342.4	347.2	351.3	354.7	357.4	359.6	361.1	362.3
-57.5°	304.2	312.5	319.9	325.8	331.3	336.4	341.0	344.9	347.9	350.3	352.3
-60°	283.6	292.5	299.7	306.4	312.5	318.1	322.8	327.5	331.9	335.8	338.7
-62.5°	260.3	268.8	276.2	283.2	290.0	295.7	300.5	304.9	309.0	312.4	314.5
-65°	234.0	242.0	249.6	256.4	262.4	267.8	273.4	278.3	282.4	285.5	287.5
-67.5°	207.1	214.2	221.3	227.9	233.8	239.0	243.9	248.6	252.8	256.0	258.2
-70°	180.0	186.2	192.5	198.4	203.7	208.6	213.1	217.0	220.4	223.3	225.7
-72.5°	151.9	157.7	162.8	167.6	172.0	176.4	180.5	184.2	187.3	190.0	192.2
-75°	122.8	127.8	132.7	137.0	140.8	144.2	147.2	150.1	152.6	154.9	156.8
-77.5°	95.4	99.2	102.7	106.0	109.2	112.3	114.8	117.0	118.6	120.7	122.6
-80°	67.9	70.9	73.7	76.2	78.3	81.0	83.6	86.0	88.1	89.5	90.6
-82.5°	45.1	46.9	48.6	50.2	51.6	53.3	55.0	56.6	58.1	59.0	59.7
-85°	26.4	27.3	28.1	28.8	29.6	30.4	31.2	31.9	32.4	33.4	34.3
-87.5°	11.1	10.9	10.7	10.5	10.2	10.9	11.6	12.3	13.0	13.2	13.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559071 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-927-U-NR-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°	13.4	13.4	13.5	13.5	13.5	13.4	13.4	13.3	13.2	13.0	12.3
85°	35.1	35.9	34.9	33.8	34.9	35.9	35.1	34.3	33.4	32.4	31.9
82.5°	60.2	60.6	60.8	60.9	60.8	60.6	60.2	59.7	59.0	58.1	56.6
80°	91.4	92.0	93.5	94.7	93.5	92.0	91.4	90.6	89.5	88.1	86.0
77.5°	124.2	125.6	126.1	126.3	126.1	125.6	124.2	122.6	120.7	118.6	117.0
75°	158.3	159.3	162.1	164.6	162.1	159.3	158.3	156.8	154.9	152.6	150.1
72.5°	194.0	195.2	197.1	198.5	197.1	195.2	194.0	192.2	190.0	187.3	184.2
70°	227.6	228.9	229.7	230.0	229.7	228.9	227.6	225.7	223.3	220.4	217.0
67.5°	259.7	260.5	260.3	259.3	260.3	260.5	259.7	258.2	256.0	252.8	248.6
65°	289.0	289.8	289.6	288.7	289.6	289.8	289.0	287.5	285.5	282.4	278.3
62.5°	316.0	316.9	317.7	318.0	317.7	316.9	316.0	314.5	312.4	309.0	304.9
60°	341.3	343.5	344.7	345.0	344.7	343.5	341.3	338.7	335.8	331.9	327.5
57.5°	354.0	355.5	356.1	356.3	356.1	355.5	354.0	352.3	350.3	347.9	344.9
55°	362.8	362.9	362.1	360.8	362.1	362.9	362.8	362.3	361.1	359.6	357.4
52.5°	371.5	370.3	369.8	369.9	369.8	370.3	371.5	372.2	372.4	372.1	370.2
50°	386.2	384.1	383.2	383.4	383.2	384.1	386.2	387.4	388.4	389.2	388.0
47.5°	410.4	411.3	412.1	412.7	412.1	411.3	410.4	409.0	410.0	412.1	412.5
45°	445.0	448.2	450.2	451.0	450.2	448.2	445.0	440.5	438.9	438.6	438.6
42.5°	493.6	497.5	498.9	498.4	498.9	497.5	493.6	486.8	480.2	472.2	465.6
40°	551.9	559.5	563.9	563.8	563.9	559.5	551.9	542.4	533.2	521.3	508.2
37.5°	624.5	634.7	639.7	638.2	639.7	634.7	624.5	611.2	596.5	576.7	559.4
35°	716.2	726.2	730.4	735.2	730.4	726.2	716.2	700.3	679.6	654.2	625.8
32.5°	862.0	882.6	890.7	879.5	890.7	882.6	862.0	829.2	787.6	745.9	705.9
30°	1171.9	1246.8	1296.9	1321.5	1296.9	1246.8	1171.9	1087.5	962.7	881.5	810.3
27.5°	2095.1	2291.1	2374.0	2419.8	2374.0	2291.1	2095.1	1799.0	1368.8	1208.7	994.4
25°	3873.3	4291.6	4532.2	4512.6	4532.2	4291.6	3873.3	3297.8	2625.6	2043.8	1422.4
22.5°	6491.5	7151.2	7547.0	7692.4	7547.0	7151.2	6491.5	5527.1	4489.3	3470.3	2510.4
20°	9737.2	10477.1	10863.9	10921.9	10863.9	10477.1	9737.2	8534.3	7093.2	5426.8	4062.7
17.5°	13462.2	14163.7	14571.3	14566.2	14571.3	14163.7	13462.2	12046.6	10247.8	8105.4	5994.6
15°	19213.1	21928.0	23458.8	23235.2	23458.8	21928.0	19213.1	16066.6	13756.4	11048.1	8169.8
12.5°	31482.0	42325.3	49051.3	50712.4	49051.3	42325.3	31482.0	23516.6	17640.7	13929.7	10476.7
10°	55632.9	71855.1	84810.5	88554.4	84810.5	71855.1	55632.9	37921.7	24032.0	16601.9	12414.3
7.5°	80024.3	99277.4	107201.0	108121.6	107201.0	99277.4	80024.3	56223.0	32849.9	20366.9	14071.0
5°	98435.0	118025.7	120293.3	114597.3	120293.3	118025.7	98435.0	71772.1	43628.7	24208.0	15161.9
2.5°	110587.6	125388.7	127502.5	124436.7	127502.5	125388.7	110587.6	82837.0	49863.5	26786.9	15895.9
0°	113359.2	123430.8	126433.6	126761.8	126433.6	123430.8	113359.2	86779.6	52297.8	27671.1	16093.0
-2.5°	110587.6	125388.7	127502.5	124436.7	127502.5	125388.7	110587.6	82837.0	49863.5	26786.9	15895.9
-5°	98435.0	118025.7	120293.3	114597.3	120293.3	118025.7	98435.0	71772.1	43628.7	24208.0	15161.9
-7.5°	80024.3	99277.4	107201.0	108121.6	107201.0	99277.4	80024.3	56223.0	32849.9	20366.9	14071.0
-10°	55632.9	71855.1	84810.5	88554.4	84810.5	71855.1	55632.9	37921.7	24032.0	16601.9	12414.3
-12.5°	31482.0	42325.3	49051.3	50712.4	49051.3	42325.3	31482.0	23516.6	17640.7	13929.7	10476.7
-15°	19213.1	21928.0	23458.8	23235.2	23458.8	21928.0	19213.1	16066.6	13756.4	11048.1	8169.8
-17.5°	13462.2	14163.7	14571.3	14566.2	14571.3	14163.7	13462.2	12046.6	10247.8	8105.4	5994.6
-20°	9737.2	10477.1	10863.9	10921.9	10863.9	10477.1	9737.2	8534.3	7093.2	5426.8	4062.7



REPORT NUMBER: P559071 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-927-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6491.5	7151.2	7547.0	7692.4	7547.0	7151.2	6491.5	5527.1	4489.3	3470.3	2510.4
-25°	3873.3	4291.6	4532.2	4512.6	4532.2	4291.6	3873.3	3297.8	2625.6	2043.8	1422.4
-27.5°	2095.1	2291.1	2374.0	2419.8	2374.0	2291.1	2095.1	1799.0	1368.8	1208.7	994.4
-30°	1171.9	1246.8	1296.9	1321.5	1296.9	1246.8	1171.9	1087.5	962.7	881.5	810.3
-32.5°	862.0	882.6	890.7	879.5	890.7	882.6	862.0	829.2	787.6	745.9	705.9
-35°	716.2	726.2	730.4	735.2	730.4	726.2	716.2	700.3	679.6	654.2	625.8
-37.5°	624.5	634.7	639.7	638.2	639.7	634.7	624.5	611.2	596.5	576.7	559.4
-40°	551.9	559.5	563.9	563.8	563.9	559.5	551.9	542.4	533.2	521.3	508.2
-42.5°	493.6	497.5	498.9	498.4	498.9	497.5	493.6	486.8	480.2	472.2	465.6
-45°	445.0	448.2	450.2	451.0	450.2	448.2	445.0	440.5	438.9	438.6	438.6
-47.5°	410.4	411.3	412.1	412.7	412.1	411.3	410.4	409.0	410.0	412.1	412.5
-50°	386.2	384.1	383.2	383.4	383.2	384.1	386.2	387.4	388.4	389.2	388.0
-52.5°	371.5	370.3	369.8	369.9	369.8	370.3	371.5	372.2	372.4	372.1	370.2
-55°	362.8	362.9	362.1	360.8	362.1	362.9	362.8	362.3	361.1	359.6	357.4
-57.5°	354.0	355.5	356.1	356.3	356.1	355.5	354.0	352.3	350.3	347.9	344.9
-60°	341.3	343.5	344.7	345.0	344.7	343.5	341.3	338.7	335.8	331.9	327.5
-62.5°	316.0	316.9	317.7	318.0	317.7	316.9	316.0	314.5	312.4	309.0	304.9
-65°	289.0	289.8	289.6	288.7	289.6	289.8	289.0	287.5	285.5	282.4	278.3
-67.5°	259.7	260.5	260.3	259.3	260.3	260.5	259.7	258.2	256.0	252.8	248.6
-70°	227.6	228.9	229.7	230.0	229.7	228.9	227.6	225.7	223.3	220.4	217.0
-72.5°	194.0	195.2	197.1	198.5	197.1	195.2	194.0	192.2	190.0	187.3	184.2
-75°	158.3	159.3	162.1	164.6	162.1	159.3	158.3	156.8	154.9	152.6	150.1
-77.5°	124.2	125.6	126.1	126.3	126.1	125.6	124.2	122.6	120.7	118.6	117.0
-80°	91.4	92.0	93.5	94.7	93.5	92.0	91.4	90.6	89.5	88.1	86.0
-82.5°	60.2	60.6	60.8	60.9	60.8	60.6	60.2	59.7	59.0	58.1	56.6
-85°	35.1	35.9	34.9	33.8	34.9	35.9	35.1	34.3	33.4	32.4	31.9
-87.5°	13.4	13.4	13.5	13.5	13.5	13.4	13.4	13.3	13.2	13.0	12.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559071 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.6	10.9	10.2	10.5	10.7	10.9	11.1	10.7	10.3	10.0	9.5
85°	31.2	30.4	29.6	28.8	28.1	27.3	26.4	25.1	23.7	22.3	21.0
82.5°	55.0	53.3	51.6	50.2	48.6	46.9	45.1	43.0	40.7	38.0	35.1
80°	83.6	81.0	78.3	76.2	73.7	70.9	67.9	64.8	61.7	58.8	55.7
77.5°	114.8	112.3	109.2	106.0	102.7	99.2	95.4	91.0	86.6	82.0	77.4
75°	147.2	144.2	140.8	137.0	132.7	127.8	122.8	117.5	111.9	106.0	99.9
72.5°	180.5	176.4	172.0	167.6	162.8	157.7	151.9	145.5	138.6	131.0	123.6
70°	213.1	208.6	203.7	198.4	192.5	186.2	180.0	173.4	166.4	158.4	149.1
67.5°	243.9	239.0	233.8	227.9	221.3	214.2	207.1	199.6	191.7	183.4	173.7
65°	273.4	267.8	262.4	256.4	249.6	242.0	234.0	225.7	216.8	207.4	196.9
62.5°	300.5	295.7	290.0	283.2	276.2	268.8	260.3	250.7	241.1	231.0	219.5
60°	322.8	318.1	312.5	306.4	299.7	292.5	283.6	274.1	264.1	252.9	241.2
57.5°	341.0	336.4	331.3	325.8	319.9	312.5	304.2	295.5	285.1	273.7	261.7
55°	354.7	351.3	347.2	342.4	336.5	329.6	322.3	313.7	303.8	293.4	280.6
52.5°	366.9	364.0	360.6	356.9	351.2	344.4	337.6	329.2	320.4	309.8	298.1
50°	385.1	379.1	373.4	368.4	363.3	357.2	349.9	342.5	334.2	324.4	313.4
47.5°	407.9	398.2	388.7	381.3	375.0	368.3	361.2	353.8	346.1	337.3	326.4
45°	431.5	420.3	407.9	397.6	387.9	380.0	372.4	364.9	357.1	348.2	338.3
42.5°	456.8	444.8	431.0	417.5	404.2	393.4	383.8	376.0	367.4	358.7	348.5
40°	492.2	473.7	458.9	441.3	424.9	408.9	398.1	387.4	378.1	368.2	358.2
37.5°	539.2	517.4	494.5	471.7	450.6	430.3	414.9	401.7	389.1	378.4	367.1
35°	593.4	565.4	536.4	508.0	481.6	456.9	434.9	417.7	403.0	389.4	376.5
32.5°	664.3	624.1	585.7	550.2	515.2	484.9	458.4	436.1	418.2	402.6	387.2
30°	742.4	690.0	639.8	598.1	555.6	516.9	482.0	455.5	434.6	416.7	398.6
27.5°	868.8	767.9	703.6	646.3	597.4	552.4	510.6	472.8	449.7	430.6	411.1
25°	1143.3	902.1	784.6	707.7	644.2	586.3	538.7	495.5	463.3	442.5	417.8
22.5°	1669.0	1209.5	907.0	773.2	695.9	626.5	567.2	518.6	474.0	447.8	422.4
20°	2710.7	1679.4	1161.7	881.8	752.6	665.7	595.8	541.0	491.7	453.8	425.6
17.5°	4118.5	2593.1	1483.9	1022.7	828.4	714.7	628.1	561.6	507.6	460.2	427.4
15°	5626.8	3630.5	2159.0	1288.3	908.4	756.2	654.8	580.6	522.2	470.0	432.2
12.5°	7347.4	4716.6	2781.8	1503.7	1002.4	802.3	684.2	601.4	536.9	481.6	439.8
10°	8888.2	5814.0	3499.8	1951.0	1160.1	848.7	711.4	619.9	550.5	491.3	445.7
7.5°	10144.3	6849.3	4149.6	2284.4	1278.7	885.4	734.3	635.5	561.7	498.3	449.9
5°	10947.4	7613.1	4667.2	2533.9	1361.1	909.8	749.9	647.0	570.1	502.8	452.6
2.5°	11516.3	8118.7	4994.7	2679.4	1405.1	923.0	760.9	654.1	576.4	508.2	457.0
0°	11544.3	8290.1	5105.7	2805.5	1414.0	926.9	769.0	656.3	579.6	511.9	460.1
-2.5°	11516.3	8118.7	4994.7	2679.4	1405.1	923.0	760.9	654.1	576.4	508.2	457.0
-5°	10947.4	7613.1	4667.2	2533.9	1361.1	909.8	749.9	647.0	570.1	502.8	452.6
-7.5°	10144.3	6849.3	4149.6	2284.4	1278.7	885.4	734.3	635.5	561.7	498.3	449.9
-10°	8888.2	5814.0	3499.8	1951.0	1160.1	848.7	711.4	619.9	550.5	491.3	445.7
-12.5°	7347.4	4716.6	2781.8	1503.7	1002.4	802.3	684.2	601.4	536.9	481.6	439.8
-15°	5626.8	3630.5	2159.0	1288.3	908.4	756.2	654.8	580.6	522.2	470.0	432.2
-17.5°	4118.5	2593.1	1483.9	1022.7	828.4	714.7	628.1	561.6	507.6	460.2	427.4
-20°	2710.7	1679.4	1161.7	881.8	752.6	665.7	595.8	541.0	491.7	453.8	425.6



REPORT NUMBER: P559071 (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°	1669.0	1209.5	907.0	773.2	695.9	626.5	567.2	518.6	474.0	447.8	422.4
-25°	1143.3	902.1	784.6	707.7	644.2	586.3	538.7	495.5	463.3	442.5	417.8
-27.5°	868.8	767.9	703.6	646.3	597.4	552.4	510.6	472.8	449.7	430.6	411.1
-30°	742.4	690.0	639.8	598.1	555.6	516.9	482.0	455.5	434.6	416.7	398.6
-32.5°	664.3	624.1	585.7	550.2	515.2	484.9	458.4	436.1	418.2	402.6	387.2
-35°	593.4	565.4	536.4	508.0	481.6	456.9	434.9	417.7	403.0	389.4	376.5
-37.5°	539.2	517.4	494.5	471.7	450.6	430.3	414.9	401.7	389.1	378.4	367.1
-40°	492.2	473.7	458.9	441.3	424.9	408.9	398.1	387.4	378.1	368.2	358.2
-42.5°	456.8	444.8	431.0	417.5	404.2	393.4	383.8	376.0	367.4	358.7	348.5
-45°	431.5	420.3	407.9	397.6	387.9	380.0	372.4	364.9	357.1	348.2	338.3
-47.5°	407.9	398.2	388.7	381.3	375.0	368.3	361.2	353.8	346.1	337.3	326.4
-50°	385.1	379.1	373.4	368.4	363.3	357.2	349.9	342.5	334.2	324.4	313.4
-52.5°	366.9	364.0	360.6	356.9	351.2	344.4	337.6	329.2	320.4	309.8	298.1
-55°	354.7	351.3	347.2	342.4	336.5	329.6	322.3	313.7	303.8	293.4	280.6
-57.5°	341.0	336.4	331.3	325.8	319.9	312.5	304.2	295.5	285.1	273.7	261.7
-60°	322.8	318.1	312.5	306.4	299.7	292.5	283.6	274.1	264.1	252.9	241.2
-62.5°	300.5	295.7	290.0	283.2	276.2	268.8	260.3	250.7	241.1	231.0	219.5
-65°	273.4	267.8	262.4	256.4	249.6	242.0	234.0	225.7	216.8	207.4	196.9
-67.5°	243.9	239.0	233.8	227.9	221.3	214.2	207.1	199.6	191.7	183.4	173.7
-70°	213.1	208.6	203.7	198.4	192.5	186.2	180.0	173.4	166.4	158.4	149.1
-72.5°	180.5	176.4	172.0	167.6	162.8	157.7	151.9	145.5	138.6	131.0	123.6
-75°	147.2	144.2	140.8	137.0	132.7	127.8	122.8	117.5	111.9	106.0	99.9
-77.5°	114.8	112.3	109.2	106.0	102.7	99.2	95.4	91.0	86.6	82.0	77.4
-80°	83.6	81.0	78.3	76.2	73.7	70.9	67.9	64.8	61.7	58.8	55.7
-82.5°	55.0	53.3	51.6	50.2	48.6	46.9	45.1	43.0	40.7	38.0	35.1
-85°	31.2	30.4	29.6	28.8	28.1	27.3	26.4	25.1	23.7	22.3	21.0
-87.5°	11.6	10.9	10.2	10.5	10.7	10.9	11.1	10.7	10.3	10.0	9.5
-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: P559071 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-927-U-NR-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°	9.1	8.7	8.2	7.7	7.3	6.7	6.2	5.7	5.2	4.6	4.1
85°	20.0	19.0	17.8	16.5	15.0	13.5	12.5	11.4	10.3	9.2	8.1
82.5°	32.9	31.3	29.8	28.1	26.2	24.2	21.9	19.5	16.7	14.0	12.1
80°	52.2	48.6	45.1	41.6	38.2	34.9	32.1	28.9	25.0	21.2	17.6
77.5°	72.4	67.2	61.8	56.9	52.2	47.6	43.1	38.5	33.2	28.4	23.7
75°	93.5	87.1	80.7	74.0	67.1	60.2	54.5	48.7	42.4	35.6	29.8
72.5°	116.4	108.6	100.3	91.6	83.6	75.4	67.0	58.9	51.8	44.2	36.2
70°	139.8	130.6	121.4	111.2	100.8	90.6	81.0	71.1	61.2	52.7	43.8
67.5°	163.3	152.3	141.7	130.5	118.6	106.7	94.9	83.7	72.5	61.2	51.3
65°	185.7	173.8	161.1	148.6	135.9	122.7	109.5	96.4	83.7	71.1	58.8
62.5°	207.7	195.2	181.3	166.7	152.5	138.2	123.7	109.4	94.9	81.0	67.0
60°	228.8	215.4	200.8	185.0	169.1	153.4	137.8	122.2	106.4	90.6	75.4
57.5°	248.5	234.9	219.1	202.5	185.4	168.3	151.5	134.7	117.7	100.5	83.6
55°	267.4	252.7	236.5	219.2	201.2	182.7	165.0	147.0	128.7	110.3	91.6
52.5°	284.8	269.6	252.8	235.1	216.3	197.0	178.3	158.9	139.4	119.8	100.0
50°	300.5	285.2	268.1	249.9	230.8	210.9	191.4	170.8	149.8	129.0	108.1
47.5°	314.3	299.3	282.3	263.9	244.1	224.4	203.8	182.5	159.9	137.9	116.1
45°	326.1	312.2	295.5	276.7	257.3	236.9	215.4	193.9	170.1	146.6	123.8
42.5°	337.2	323.5	307.4	289.0	269.7	248.9	226.5	204.1	180.1	155.0	131.1
40°	346.7	333.9	318.6	300.6	281.6	260.6	237.2	213.6	189.7	163.2	138.1
37.5°	355.7	343.1	328.2	312.3	293.0	271.3	247.6	222.6	198.4	171.3	144.8
35°	364.0	351.1	338.1	322.4	303.4	281.6	257.5	231.2	205.9	178.8	151.2
32.5°	372.2	358.8	345.7	331.0	313.6	291.5	266.7	239.6	213.0	185.9	157.2
30°	381.4	365.6	352.5	339.0	322.6	300.4	275.0	247.2	219.6	192.4	162.8
27.5°	388.8	371.2	358.6	345.3	329.5	308.7	282.1	254.0	225.8	198.2	168.1
25°	394.9	376.7	363.2	350.7	335.8	315.4	288.7	260.1	231.5	203.3	173.0
22.5°	399.8	381.2	366.7	355.4	341.6	321.5	294.5	265.5	236.6	207.8	177.4
20°	402.4	384.5	369.4	359.4	346.5	325.9	299.4	270.3	241.0	212.0	181.4
17.5°	403.4	387.0	372.7	362.1	350.2	330.4	303.7	274.5	244.8	215.6	184.9
15°	407.2	389.3	375.3	364.3	353.3	334.8	307.3	278.1	248.0	218.8	187.9
12.5°	411.2	391.1	376.9	366.2	355.9	339.0	310.4	281.1	250.6	221.6	190.4
10°	414.6	392.3	377.8	367.6	357.9	342.9	312.8	283.5	253.2	223.8	192.5
7.5°	417.4	392.9	378.0	368.6	359.5	346.0	315.0	285.2	255.5	225.5	194.1
5°	419.5	393.2	377.8	369.4	361.0	348.0	316.6	286.3	257.3	226.8	195.3
2.5°	421.1	393.1	377.4	369.8	362.2	349.2	317.6	286.6	258.6	227.5	196.0
0°	421.7	392.4	376.6	369.9	363.1	349.6	318.0	286.4	259.3	227.8	196.2
-2.5°	421.1	393.1	377.4	369.8	362.2	349.2	317.6	286.6	258.6	227.5	196.0
-5°	419.5	393.2	377.8	369.4	361.0	348.0	316.6	286.3	257.3	226.8	195.3
-7.5°	417.4	392.9	378.0	368.6	359.5	346.0	315.0	285.2	255.5	225.5	194.1
-10°	414.6	392.3	377.8	367.6	357.9	342.9	312.8	283.5	253.2	223.8	192.5
-12.5°	411.2	391.1	376.9	366.2	355.9	339.0	310.4	281.1	250.6	221.6	190.4
-15°	407.2	389.3	375.3	364.3	353.3	334.8	307.3	278.1	248.0	218.8	187.9
-17.5°	403.4	387.0	372.7	362.1	350.2	330.4	303.7	274.5	244.8	215.6	184.9
-20°	402.4	384.5	369.4	359.4	346.5	325.9	299.4	270.3	241.0	212.0	181.4



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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°	399.8	381.2	366.7	355.4	341.6	321.5	294.5	265.5	236.6	207.8	177.4
-25°	394.9	376.7	363.2	350.7	335.8	315.4	288.7	260.1	231.5	203.3	173.0
-27.5°	388.8	371.2	358.6	345.3	329.5	308.7	282.1	254.0	225.8	198.2	168.1
-30°	381.4	365.6	352.5	339.0	322.6	300.4	275.0	247.2	219.6	192.4	162.8
-32.5°	372.2	358.8	345.7	331.0	313.6	291.5	266.7	239.6	213.0	185.9	157.2
-35°	364.0	351.1	338.1	322.4	303.4	281.6	257.5	231.2	205.9	178.8	151.2
-37.5°	355.7	343.1	328.2	312.3	293.0	271.3	247.6	222.6	198.4	171.3	144.8
-40°	346.7	333.9	318.6	300.6	281.6	260.6	237.2	213.6	189.7	163.2	138.1
-42.5°	337.2	323.5	307.4	289.0	269.7	248.9	226.5	204.1	180.1	155.0	131.1
-45°	326.1	312.2	295.5	276.7	257.3	236.9	215.4	193.9	170.1	146.6	123.8
-47.5°	314.3	299.3	282.3	263.9	244.1	224.4	203.8	182.5	159.9	137.9	116.1
-50°	300.5	285.2	268.1	249.9	230.8	210.9	191.4	170.8	149.8	129.0	108.1
-52.5°	284.8	269.6	252.8	235.1	216.3	197.0	178.3	158.9	139.4	119.8	100.0
-55°	267.4	252.7	236.5	219.2	201.2	182.7	165.0	147.0	128.7	110.3	91.6
-57.5°	248.5	234.9	219.1	202.5	185.4	168.3	151.5	134.7	117.7	100.5	83.6
-60°	228.8	215.4	200.8	185.0	169.1	153.4	137.8	122.2	106.4	90.6	75.4
-62.5°	207.7	195.2	181.3	166.7	152.5	138.2	123.7	109.4	94.9	81.0	67.0
-65°	185.7	173.8	161.1	148.6	135.9	122.7	109.5	96.4	83.7	71.1	58.8
-67.5°	163.3	152.3	141.7	130.5	118.6	106.7	94.9	83.7	72.5	61.2	51.3
-70°	139.8	130.6	121.4	111.2	100.8	90.6	81.0	71.1	61.2	52.7	43.8
-72.5°	116.4	108.6	100.3	91.6	83.6	75.4	67.0	58.9	51.8	44.2	36.2
-75°	93.5	87.1	80.7	74.0	67.1	60.2	54.5	48.7	42.4	35.6	29.8
-77.5°	72.4	67.2	61.8	56.9	52.2	47.6	43.1	38.5	33.2	28.4	23.7
-80°	52.2	48.6	45.1	41.6	38.2	34.9	32.1	28.9	25.0	21.2	17.6
-82.5°	32.9	31.3	29.8	28.1	26.2	24.2	21.9	19.5	16.7	14.0	12.1
-85°	20.0	19.0	17.8	16.5	15.0	13.5	12.5	11.4	10.3	9.2	8.1
-87.5°	9.1	8.7	8.2	7.7	7.3	6.7	6.2	5.7	5.2	4.6	4.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.5	2.9	2.3	1.8	1.2	0.6	0.0
85°	7.0	5.8	4.7	3.5	2.4	1.2	0.0
82.5°	10.5	8.7	7.0	5.3	3.5	1.8	0.0
80°	14.1	11.6	9.3	7.0	4.7	2.3	0.0
77.5°	19.3	15.1	11.6	8.7	5.8	2.9	0.0
75°	24.4	19.5	14.2	10.5	7.0	3.5	0.0
72.5°	29.6	23.8	17.8	12.1	8.1	4.1	0.0
70°	34.8	28.2	21.3	14.0	9.2	4.6	0.0
67.5°	41.4	32.5	24.8	16.7	10.3	5.2	0.0
65°	47.8	37.2	28.3	19.4	11.4	5.7	0.0
62.5°	54.1	42.4	31.7	22.0	12.5	6.2	0.0
60°	60.2	47.4	35.1	24.6	13.5	6.7	0.0
57.5°	67.1	52.3	38.9	27.1	15.2	7.3	0.0
55°	74.0	57.1	42.7	29.5	16.8	7.7	0.0
52.5°	80.7	61.8	46.3	31.9	18.4	8.2	0.0
50°	87.1	67.2	49.8	34.2	19.9	8.7	0.0
47.5°	93.5	72.4	53.2	36.6	21.4	9.1	0.0
45°	100.1	77.4	56.4	39.0	22.8	9.5	0.0
42.5°	106.4	82.2	59.4	41.3	24.2	10.0	0.0
40°	112.6	86.7	62.7	43.4	25.5	10.3	0.0
37.5°	118.4	91.1	66.2	45.5	26.7	10.7	0.0
35°	124.0	95.5	69.5	47.4	27.9	11.1	0.0
32.5°	129.3	99.9	72.5	49.2	29.0	11.4	0.0
30°	134.1	104.0	75.4	50.9	30.0	11.7	0.0
27.5°	138.5	107.8	78.2	52.5	31.0	12.0	0.0
25°	142.6	111.4	80.8	53.9	31.9	12.2	0.0
22.5°	146.4	114.6	83.1	55.2	32.7	12.5	0.0
20°	149.8	117.6	85.3	56.4	33.4	12.7	0.0
17.5°	152.8	120.2	87.3	57.4	34.0	12.9	0.0
15°	155.3	122.4	89.1	58.4	34.6	13.0	0.0
12.5°	157.5	124.3	90.6	59.1	35.0	13.2	0.0
10°	159.2	125.8	91.9	59.8	35.4	13.3	0.0
7.5°	160.6	127.0	93.0	60.3	35.7	13.4	0.0
5°	161.6	127.8	93.8	60.6	35.9	13.4	0.0
2.5°	162.2	128.3	94.4	60.8	36.1	13.5	0.0
0°	162.4	128.5	94.7	60.9	36.1	13.5	0.0
-2.5°	162.2	128.3	94.4	60.8	36.1	13.5	0.0
-5°	161.6	127.8	93.8	60.6	35.9	13.4	0.0
-7.5°	160.6	127.0	93.0	60.3	35.7	13.4	0.0
-10°	159.2	125.8	91.9	59.8	35.4	13.3	0.0
-12.5°	157.5	124.3	90.6	59.1	35.0	13.2	0.0
-15°	155.3	122.4	89.1	58.4	34.6	13.0	0.0
-17.5°	152.8	120.2	87.3	57.4	34.0	12.9	0.0
-20°	149.8	117.6	85.3	56.4	33.4	12.7	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	146.4	114.6	83.1	55.2	32.7	12.5	0.0
-25°	142.6	111.4	80.8	53.9	31.9	12.2	0.0
-27.5°	138.5	107.8	78.2	52.5	31.0	12.0	0.0
-30°	134.1	104.0	75.4	50.9	30.0	11.7	0.0
-32.5°	129.3	99.9	72.5	49.2	29.0	11.4	0.0
-35°	124.0	95.5	69.5	47.4	27.9	11.1	0.0
-37.5°	118.4	91.1	66.2	45.5	26.7	10.7	0.0
-40°	112.6	86.7	62.7	43.4	25.5	10.3	0.0
-42.5°	106.4	82.2	59.4	41.3	24.2	10.0	0.0
-45°	100.1	77.4	56.4	39.0	22.8	9.5	0.0
-47.5°	93.5	72.4	53.2	36.6	21.4	9.1	0.0
-50°	87.1	67.2	49.8	34.2	19.9	8.7	0.0
-52.5°	80.7	61.8	46.3	31.9	18.4	8.2	0.0
-55°	74.0	57.1	42.7	29.5	16.8	7.7	0.0
-57.5°	67.1	52.3	38.9	27.1	15.2	7.3	0.0
-60°	60.2	47.4	35.1	24.6	13.5	6.7	0.0
-62.5°	54.1	42.4	31.7	22.0	12.5	6.2	0.0
-65°	47.8	37.2	28.3	19.4	11.4	5.7	0.0
-67.5°	41.4	32.5	24.8	16.7	10.3	5.2	0.0
-70°	34.8	28.2	21.3	14.0	9.2	4.6	0.0
-72.5°	29.6	23.8	17.8	12.1	8.1	4.1	0.0
-75°	24.4	19.5	14.2	10.5	7.0	3.5	0.0
-77.5°	19.3	15.1	11.6	8.7	5.8	2.9	0.0
-80°	14.1	11.6	9.3	7.0	4.7	2.3	0.0
-82.5°	10.5	8.7	7.0	5.3	3.5	1.8	0.0
-85°	7.0	5.8	4.7	3.5	2.4	1.2	0.0
-87.5°	3.5	2.9	2.3	1.8	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)