

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: P559111 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-930-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559111 (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-SA5E-930-U-NR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (80) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

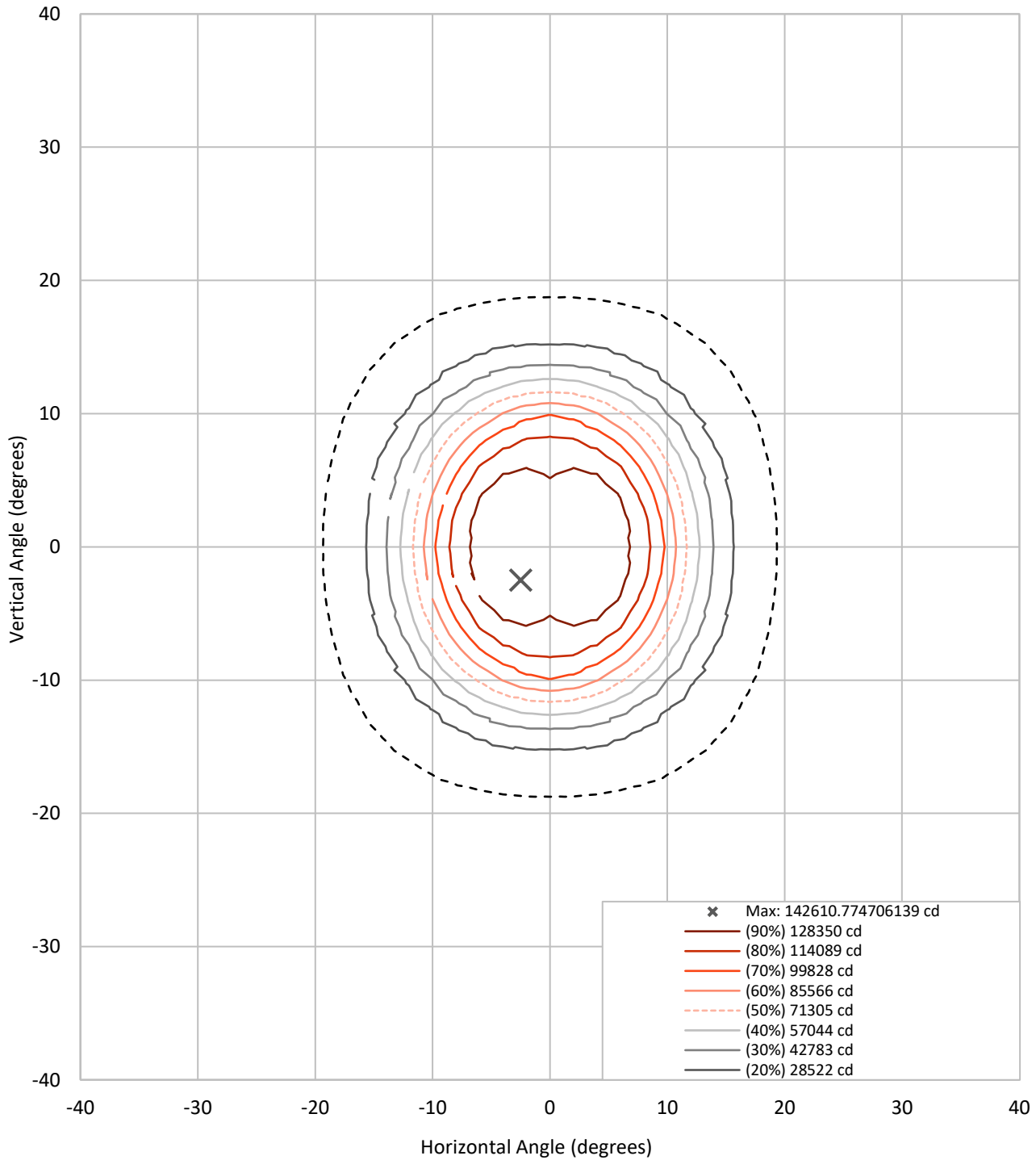
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	26967.5 lumens	Max Intensity:	142610.8 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	87.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	14558.9 lumens	Field Lumens:	21955.6 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 307
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





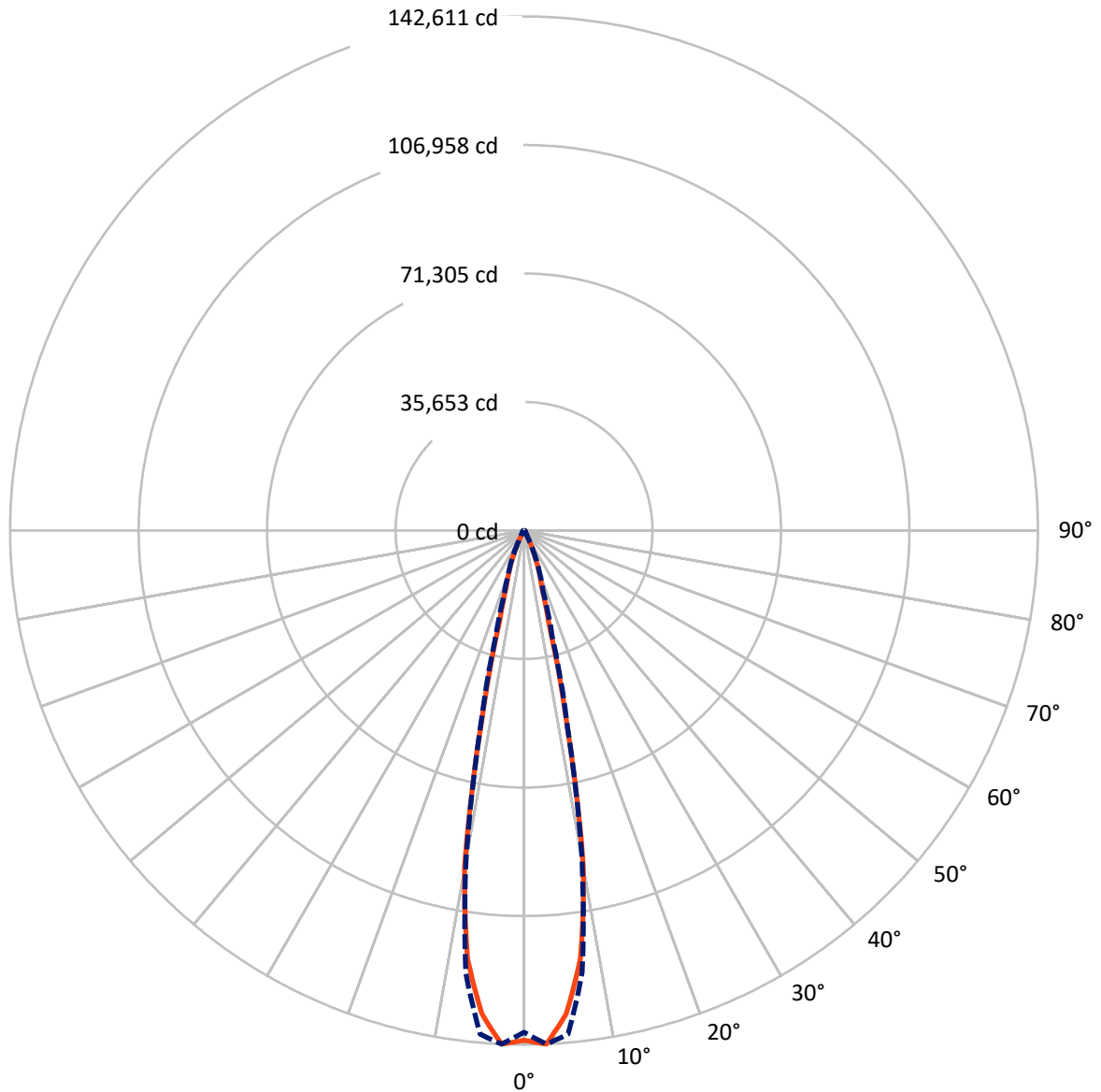
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Lumen Table

90																
80	0.3	2.7		7.2		11.6		13.5		11.6		7.2		2.7		0.3
70																
60	1.3	1.4	2.9	4.7	6.5	8.0	9.2	9.8	9.8	9.2	8.0	6.5	4.7	2.9	1.4	1.3
50		2.1	4.3	6.7	8.9	10.6	11.8	12.3	12.3	11.8	10.6	8.9	6.7	4.3	2.1	
40	2.3	2.8	5.4	8.1	10.4	12.7	14.6	15.5	15.5	14.6	12.7	10.4	8.1	5.4	2.8	2.3
30		3.4	6.3	9.1	12.3	16.8	22.0	26.4	26.4	22.0	16.8	12.3	9.1	6.3	3.4	
20	3.0	3.8	6.8	10.1	15.2	27.6	82.8	161.4	161.4	82.8	27.6	15.2	10.1	6.8	3.8	3.0
10		4.0	7.1	10.7	19.0	81.8	377.6	970.9	970.9	377.6	81.8	19.0	10.7	7.1	4.0	
0	3.3	4.2	7.2	11.2	22.8	159.3	983.1	3473.4	3473.4	983.1	159.3	22.8	11.2	7.2	4.2	3.3
-10		4.2	7.2	11.2	22.8	159.3	983.1	3473.4	3473.4	983.1	159.3	22.8	11.2	7.2	4.2	
-20	3.0	4.0	7.1	10.7	19.0	81.8	377.6	970.9	970.9	377.6	81.8	19.0	10.7	7.1	4.0	3.0
-30		3.8	6.8	10.1	15.2	27.6	82.8	161.4	161.4	82.8	27.6	15.2	10.1	6.8	3.8	
-40	2.3	3.4	6.3	9.1	12.3	16.8	22.0	26.4	26.4	22.0	16.8	12.3	9.1	6.3	3.4	2.3
-50		2.8	5.4	8.1	10.4	12.7	14.6	15.5	15.5	14.6	12.7	10.4	8.1	5.4	2.8	
-60	1.3	2.1	4.3	6.7	8.9	10.6	11.8	12.3	12.3	11.8	10.6	8.9	6.7	4.3	2.1	1.3
-70		1.4	2.9	4.7	6.5	8.0	9.2	9.8	9.8	9.2	8.0	6.5	4.7	2.9	1.4	
-80																
-90	0.3	2.7		7.2		11.6		13.5		11.6		7.2		2.7		0.3

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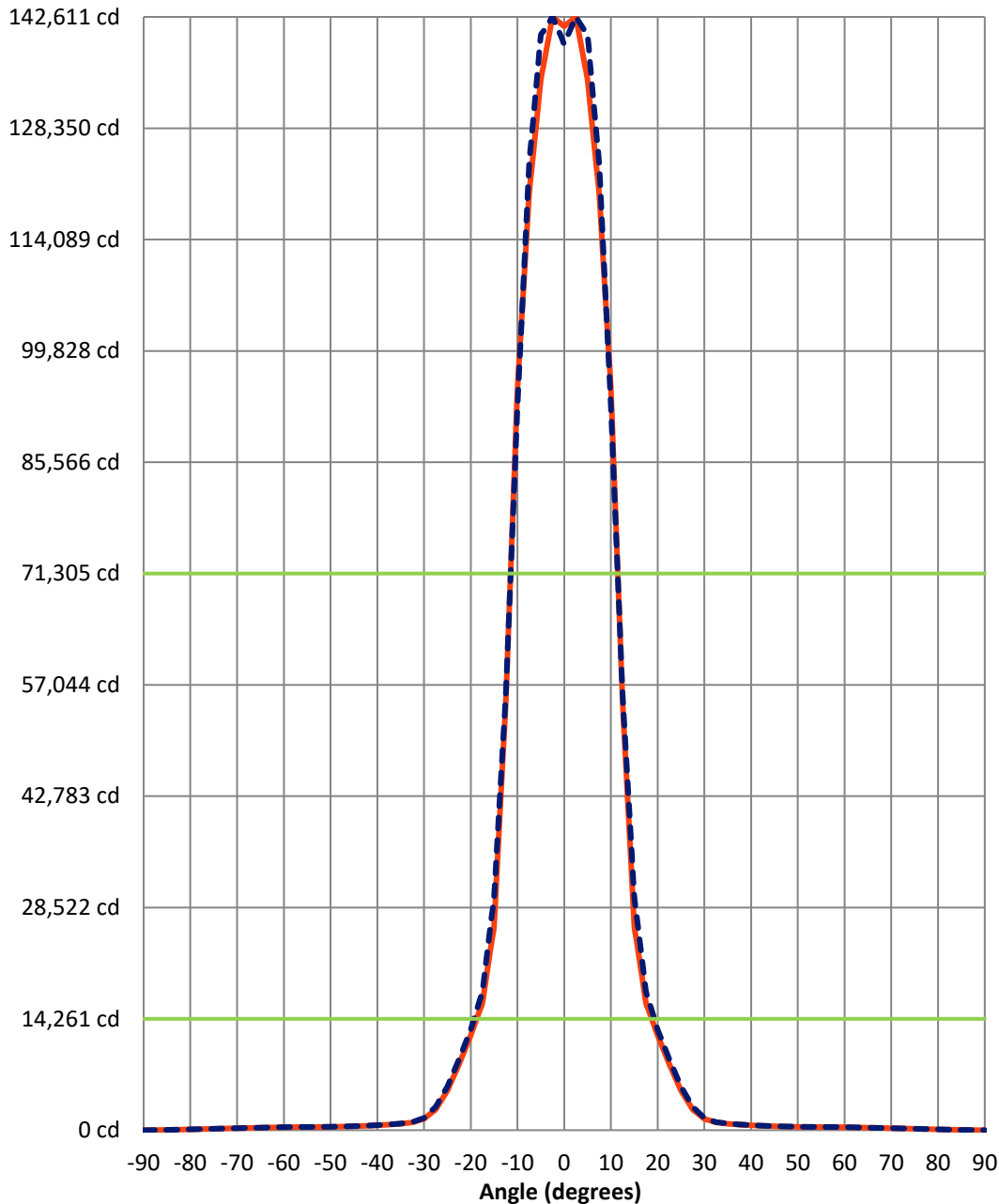
Luminous Intensity Polar Plot



— 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: 14558.9
Efficiency: 54.0%

Field:
H Angle: 38.6°
V Angle: 37.5°
Lumens: 21955.6
Efficiency: 81.4%

Spill:
Lumens: 5011.9
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	0.7	1.3	2.0	2.6	3.3	3.9	4.5	5.2	5.8	6.4
85°	0.0	1.3	2.6	3.9	5.2	6.5	7.8	9.1	10.3	11.5	12.7
82.5°	0.0	2.0	3.9	5.9	7.8	9.8	11.7	13.6	15.7	18.7	21.8
80°	0.0	2.6	5.2	7.8	10.4	13.0	15.8	19.7	23.8	28.0	32.3
77.5°	0.0	3.3	6.5	9.8	13.0	16.8	21.6	26.6	31.8	37.2	43.0
75°	0.0	3.9	7.8	11.7	15.8	21.8	27.3	33.3	39.9	47.4	54.5
72.5°	0.0	4.5	9.1	13.6	19.9	26.7	33.1	40.5	49.4	57.9	65.9
70°	0.0	5.2	10.3	15.7	23.8	31.5	39.0	49.0	58.9	68.4	79.5
67.5°	0.0	5.8	11.5	18.7	27.8	36.3	46.3	57.4	68.4	81.1	93.6
65°	0.0	6.4	12.7	21.7	31.7	41.7	53.5	65.7	79.5	93.6	107.8
62.5°	0.0	7.0	13.9	24.6	35.5	47.4	60.5	74.9	90.5	106.1	122.4
60°	0.0	7.5	15.1	27.5	39.3	53.1	67.3	84.3	101.2	119.0	136.7
57.5°	0.0	8.1	17.0	30.3	43.5	58.5	75.1	93.5	112.3	131.7	150.7
55°	0.0	8.7	18.8	33.0	47.7	63.8	82.7	102.4	123.3	144.0	164.4
52.5°	0.0	9.2	20.6	35.7	51.8	69.1	90.2	111.8	134.0	156.0	177.7
50°	0.0	9.7	22.3	38.3	55.7	75.1	97.4	120.9	144.3	167.6	191.0
47.5°	0.0	10.2	24.0	40.9	59.5	80.9	104.5	129.8	154.3	178.8	204.1
45°	0.0	10.7	25.6	43.6	63.0	86.5	111.9	138.5	164.1	190.3	216.8
42.5°	0.0	11.1	27.1	46.2	66.5	91.9	119.0	146.7	173.4	201.4	228.2
40°	0.0	11.6	28.5	48.6	70.1	97.0	125.9	154.6	182.6	212.1	238.9
37.5°	0.0	12.0	29.9	50.9	74.0	101.8	132.5	162.0	191.5	221.9	249.0
35°	0.0	12.4	31.2	53.0	77.7	106.8	138.8	169.1	200.0	230.3	258.6
32.5°	0.0	12.7	32.5	55.0	81.1	111.7	144.6	175.8	207.9	238.2	268.0
30°	0.0	13.1	33.6	56.9	84.3	116.3	150.0	182.1	215.2	245.7	276.5
27.5°	0.0	13.4	34.7	58.7	87.4	120.6	155.0	188.0	221.7	252.6	284.1
25°	0.0	13.7	35.6	60.3	90.3	124.6	159.6	193.5	227.3	258.9	291.0
22.5°	0.0	13.9	36.5	61.7	92.9	128.2	163.8	198.4	232.4	264.6	297.0
20°	0.0	14.2	37.3	63.1	95.4	131.5	167.6	202.8	237.1	269.6	302.3
17.5°	0.0	14.4	38.1	64.2	97.6	134.4	170.9	206.8	241.2	273.8	307.0
15°	0.0	14.6	38.7	65.3	99.6	137.0	173.7	210.1	244.8	277.4	311.0
12.5°	0.0	14.7	39.2	66.1	101.3	139.1	176.1	212.9	247.8	280.3	314.4
10°	0.0	14.9	39.6	66.8	102.8	140.8	178.1	215.3	250.3	283.3	317.0
7.5°	0.0	15.0	40.0	67.4	104.0	142.1	179.6	217.1	252.3	285.8	319.0
5°	0.0	15.0	40.2	67.8	104.9	143.1	180.7	218.4	253.7	287.8	320.2
2.5°	0.0	15.1	40.4	68.0	105.5	143.6	181.4	219.1	254.5	289.3	320.6
0°	0.0	15.1	40.4	68.1	105.9	143.8	181.6	219.4	254.8	290.1	320.3
-2.5°	0.0	15.1	40.4	68.1	105.9	143.8	181.6	219.4	254.8	290.1	320.3
-5°	0.0	15.0	40.2	67.8	104.9	143.1	180.7	218.4	253.7	287.8	320.2
-7.5°	0.0	15.0	40.0	67.4	104.0	142.1	179.6	217.1	252.3	285.8	319.0
-10°	0.0	14.9	39.6	66.8	102.8	140.8	178.1	215.3	250.3	283.3	317.0
-12.5°	0.0	14.7	39.2	66.1	101.3	139.1	176.1	212.9	247.8	280.3	314.4
-15°	0.0	14.6	38.7	65.3	99.6	137.0	173.7	210.1	244.8	277.4	311.0
-17.5°	0.0	14.4	38.1	64.2	97.6	134.4	170.9	206.8	241.2	273.8	307.0
-20°	0.0	14.2	37.3	63.1	95.4	131.5	167.6	202.8	237.1	269.6	302.3



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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	13.9	36.5	61.7	92.9	128.2	163.8	198.4	232.4	264.6	297.0
-25°	0.0	13.7	35.6	60.3	90.3	124.6	159.6	193.5	227.3	258.9	291.0
-27.5°	0.0	13.4	34.7	58.7	87.4	120.6	155.0	188.0	221.7	252.6	284.1
-30°	0.0	13.1	33.6	56.9	84.3	116.3	150.0	182.1	215.2	245.7	276.5
-32.5°	0.0	12.7	32.5	55.0	81.1	111.7	144.6	175.8	207.9	238.2	268.0
-35°	0.0	12.4	31.2	53.0	77.7	106.8	138.8	169.1	200.0	230.3	258.6
-37.5°	0.0	12.0	29.9	50.9	74.0	101.8	132.5	162.0	191.5	221.9	249.0
-40°	0.0	11.6	28.5	48.6	70.1	97.0	125.9	154.6	182.6	212.1	238.9
-42.5°	0.0	11.1	27.1	46.2	66.5	91.9	119.0	146.7	173.4	201.4	228.2
-45°	0.0	10.7	25.6	43.6	63.0	86.5	111.9	138.5	164.1	190.3	216.8
-47.5°	0.0	10.2	24.0	40.9	59.5	80.9	104.5	129.8	154.3	178.8	204.1
-50°	0.0	9.7	22.3	38.3	55.7	75.1	97.4	120.9	144.3	167.6	191.0
-52.5°	0.0	9.2	20.6	35.7	51.8	69.1	90.2	111.8	134.0	156.0	177.7
-55°	0.0	8.7	18.8	33.0	47.7	63.8	82.7	102.4	123.3	144.0	164.4
-57.5°	0.0	8.1	17.0	30.3	43.5	58.5	75.1	93.5	112.3	131.7	150.7
-60°	0.0	7.5	15.1	27.5	39.3	53.1	67.3	84.3	101.2	119.0	136.7
-62.5°	0.0	7.0	13.9	24.6	35.5	47.4	60.5	74.9	90.5	106.1	122.4
-65°	0.0	6.4	12.7	21.7	31.7	41.7	53.5	65.7	79.5	93.6	107.8
-67.5°	0.0	5.8	11.5	18.7	27.8	36.3	46.3	57.4	68.4	81.1	93.6
-70°	0.0	5.2	10.3	15.7	23.8	31.5	39.0	49.0	58.9	68.4	79.5
-72.5°	0.0	4.5	9.1	13.6	19.9	26.7	33.1	40.5	49.4	57.9	65.9
-75°	0.0	3.9	7.8	11.7	15.8	21.8	27.3	33.3	39.9	47.4	54.5
-77.5°	0.0	3.3	6.5	9.8	13.0	16.8	21.6	26.6	31.8	37.2	43.0
-80°	0.0	2.6	5.2	7.8	10.4	13.0	15.8	19.7	23.8	28.0	32.3
-82.5°	0.0	2.0	3.9	5.9	7.8	9.8	11.7	13.6	15.7	18.7	21.8
-85°	0.0	1.3	2.6	3.9	5.2	6.5	7.8	9.1	10.3	11.5	12.7
-87.5°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	4.5	5.2	5.8	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



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.0	7.5	8.1	8.7	9.2	9.7	10.2	10.7	11.1	11.6	12.0
85°	13.9	15.1	16.8	18.4	19.9	21.2	22.4	23.5	25.0	26.5	28.0
82.5°	24.5	27.1	29.3	31.4	33.3	35.0	36.7	39.2	42.5	45.5	48.1
80°	35.9	39.0	42.7	46.6	50.4	54.4	58.3	62.3	65.7	69.1	72.5
77.5°	48.2	53.2	58.4	63.7	69.1	75.1	80.9	86.5	91.7	96.8	101.7
75°	60.9	67.4	75.1	82.7	90.2	97.4	104.5	111.7	118.6	125.2	131.4
72.5°	74.9	84.3	93.5	102.4	112.2	121.5	130.2	138.2	146.6	155.0	162.8
70°	90.5	101.2	112.7	124.4	135.8	146.1	156.4	166.8	177.2	186.2	193.9
67.5°	106.1	119.3	132.7	146.0	158.5	170.4	182.6	194.3	205.1	214.4	223.3
65°	122.4	137.3	152.0	166.3	180.2	194.3	207.7	220.3	231.9	242.4	252.4
62.5°	138.4	154.7	170.6	186.5	202.7	218.3	232.2	245.5	258.3	269.6	280.4
60°	154.1	171.6	189.1	206.9	224.6	240.9	255.9	269.8	282.8	295.4	306.5
57.5°	169.5	188.2	207.4	226.5	245.0	262.7	277.9	292.7	306.1	318.8	330.5
55°	184.6	204.4	225.0	245.2	264.5	282.6	299.0	313.8	328.1	339.7	350.9
52.5°	199.5	220.3	241.9	263.0	282.7	301.5	318.5	333.4	346.5	358.4	368.2
50°	214.1	236.0	258.2	279.5	299.9	319.0	336.1	350.5	362.9	373.8	383.1
47.5°	227.9	250.9	273.0	295.2	315.8	334.7	351.6	365.1	377.3	387.0	395.6
45°	241.0	264.9	287.9	309.5	330.5	349.2	364.8	378.4	389.5	399.3	408.1
42.5°	253.4	278.4	301.7	323.3	343.9	361.9	377.2	389.8	401.2	410.9	420.5
40°	265.4	291.5	315.0	336.2	356.4	373.5	387.8	400.7	411.9	422.9	433.3
37.5°	276.9	303.4	327.7	349.3	367.1	383.7	397.8	410.6	423.2	435.3	449.3
35°	288.1	314.9	339.4	360.6	378.1	392.6	407.1	421.1	435.6	450.8	467.2
32.5°	298.3	326.0	350.7	370.3	386.6	401.3	416.3	433.1	450.3	467.7	487.8
30°	307.5	335.9	360.8	379.2	394.3	408.9	426.6	445.8	466.0	486.1	509.5
27.5°	315.6	345.3	368.5	386.2	401.1	415.1	434.8	459.8	481.7	503.1	528.9
25°	322.9	352.8	375.6	392.2	406.2	421.3	441.7	467.3	495.0	518.3	554.3
22.5°	329.3	359.6	382.1	397.6	410.1	426.4	447.1	472.4	500.8	530.1	580.0
20°	334.8	364.6	387.6	402.0	413.2	430.1	450.1	476.0	507.5	549.9	605.0
17.5°	339.6	369.6	391.7	405.0	416.9	432.9	451.2	478.1	514.7	567.7	628.1
15°	343.8	374.5	395.2	407.5	419.7	435.5	455.4	483.4	525.7	584.1	649.3
12.5°	347.2	379.2	398.0	409.5	421.6	437.4	459.9	491.9	538.7	600.5	672.7
10°	349.8	383.6	400.3	411.1	422.5	438.8	463.8	498.5	549.5	615.7	693.4
7.5°	352.3	387.0	402.1	412.3	422.7	439.5	466.9	503.2	557.3	628.2	710.7
5°	354.2	389.2	403.8	413.1	422.6	439.7	469.3	506.2	562.3	637.7	723.7
2.5°	355.3	390.6	405.1	413.6	422.1	439.6	471.1	511.2	568.4	644.7	731.5
0°	355.7	391.0	406.1	413.7	421.2	438.9	471.7	514.6	572.6	648.3	734.0
-2.5°	355.3	390.6	405.1	413.6	422.1	439.6	471.1	511.2	568.4	644.7	731.5
-5°	354.2	389.2	403.8	413.1	422.6	439.7	469.3	506.2	562.3	637.7	723.7
-7.5°	352.3	387.0	402.1	412.3	422.7	439.5	466.9	503.2	557.3	628.2	710.7
-10°	349.8	383.6	400.3	411.1	422.5	438.8	463.8	498.5	549.5	615.7	693.4
-12.5°	347.2	379.2	398.0	409.5	421.6	437.4	459.9	491.9	538.7	600.5	672.7
-15°	343.8	374.5	395.2	407.5	419.7	435.5	455.4	483.4	525.7	584.1	649.3
-17.5°	339.6	369.6	391.7	405.0	416.9	432.9	451.2	478.1	514.7	567.7	628.1
-20°	334.8	364.6	387.6	402.0	413.2	430.1	450.1	476.0	507.5	549.9	605.0



REPORT NUMBER: P559111 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-930-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°	329.3	359.6	382.1	397.6	410.1	426.4	447.1	472.4	500.8	530.1	580.0
-25°	322.9	352.8	375.6	392.2	406.2	421.3	441.7	467.3	495.0	518.3	554.3
-27.5°	315.6	345.3	368.5	386.2	401.1	415.1	434.8	459.8	481.7	503.1	528.9
-30°	307.5	335.9	360.8	379.2	394.3	408.9	426.6	445.8	466.0	486.1	509.5
-32.5°	298.3	326.0	350.7	370.3	386.6	401.3	416.3	433.1	450.3	467.7	487.8
-35°	288.1	314.9	339.4	360.6	378.1	392.6	407.1	421.1	435.6	450.8	467.2
-37.5°	276.9	303.4	327.7	349.3	367.1	383.7	397.8	410.6	423.2	435.3	449.3
-40°	265.4	291.5	315.0	336.2	356.4	373.5	387.8	400.7	411.9	422.9	433.3
-42.5°	253.4	278.4	301.7	323.3	343.9	361.9	377.2	389.8	401.2	410.9	420.5
-45°	241.0	264.9	287.9	309.5	330.5	349.2	364.8	378.4	389.5	399.3	408.1
-47.5°	227.9	250.9	273.0	295.2	315.8	334.7	351.6	365.1	377.3	387.0	395.6
-50°	214.1	236.0	258.2	279.5	299.9	319.0	336.1	350.5	362.9	373.8	383.1
-52.5°	199.5	220.3	241.9	263.0	282.7	301.5	318.5	333.4	346.5	358.4	368.2
-55°	184.6	204.4	225.0	245.2	264.5	282.6	299.0	313.8	328.1	339.7	350.9
-57.5°	169.5	188.2	207.4	226.5	245.0	262.7	277.9	292.7	306.1	318.8	330.5
-60°	154.1	171.6	189.1	206.9	224.6	240.9	255.9	269.8	282.8	295.4	306.5
-62.5°	138.4	154.7	170.6	186.5	202.7	218.3	232.2	245.5	258.3	269.6	280.4
-65°	122.4	137.3	152.0	166.3	180.2	194.3	207.7	220.3	231.9	242.4	252.4
-67.5°	106.1	119.3	132.7	146.0	158.5	170.4	182.6	194.3	205.1	214.4	223.3
-70°	90.5	101.2	112.7	124.4	135.8	146.1	156.4	166.8	177.2	186.2	193.9
-72.5°	74.9	84.3	93.5	102.4	112.2	121.5	130.2	138.2	146.6	155.0	162.8
-75°	60.9	67.4	75.1	82.7	90.2	97.4	104.5	111.7	118.6	125.2	131.4
-77.5°	48.2	53.2	58.4	63.7	69.1	75.1	80.9	86.5	91.7	96.8	101.7
-80°	35.9	39.0	42.7	46.6	50.4	54.4	58.3	62.3	65.7	69.1	72.5
-82.5°	24.5	27.1	29.3	31.4	33.3	35.0	36.7	39.2	42.5	45.5	48.1
-85°	13.9	15.1	16.8	18.4	19.9	21.2	22.4	23.5	25.0	26.5	28.0
-87.5°	7.0	7.5	8.1	8.7	9.2	9.7	10.2	10.7	11.1	11.6	12.0
-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: P559111 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-930-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°	12.4	12.2	12.0	11.7	11.4	12.2	13.0	13.8	14.6	14.7	14.9
85°	29.6	30.5	31.4	32.2	33.1	34.0	34.9	35.6	36.2	37.3	38.4
82.5°	50.4	52.5	54.4	56.1	57.7	59.7	61.5	63.3	65.0	66.0	66.8
80°	75.9	79.3	82.4	85.2	87.6	90.6	93.5	96.1	98.5	100.0	101.2
77.5°	106.6	110.9	114.8	118.6	122.2	125.6	128.5	130.8	132.7	135.0	137.1
75°	137.4	143.0	148.4	153.2	157.5	161.3	164.7	167.9	170.7	173.3	175.4
72.5°	169.9	176.3	182.1	187.4	192.4	197.3	201.9	206.0	209.5	212.5	215.0
70°	201.2	208.2	215.2	221.8	227.9	233.4	238.3	242.7	246.6	249.8	252.5
67.5°	231.6	239.6	247.5	254.9	261.5	267.3	272.9	278.0	282.7	286.3	288.8
65°	261.8	270.6	279.1	286.7	293.4	299.5	305.8	311.2	315.9	319.3	321.6
62.5°	291.0	300.6	308.9	316.7	324.3	330.7	336.0	341.1	345.7	349.4	351.8
60°	317.1	327.1	335.2	342.7	349.5	355.8	361.1	366.3	371.3	375.6	378.9
57.5°	340.3	349.5	357.8	364.4	370.6	376.2	381.4	385.7	389.1	391.7	394.0
55°	360.5	368.7	376.4	382.9	388.3	392.8	396.7	399.8	402.1	403.9	405.2
52.5°	377.6	385.2	392.8	399.2	403.4	407.1	410.5	414.1	416.2	416.5	416.3
50°	391.3	399.5	406.3	412.0	417.7	424.1	430.7	434.0	435.3	434.3	433.3
47.5°	404.0	411.9	419.4	426.5	434.7	445.4	456.1	461.3	460.8	458.6	457.5
45°	416.5	425.0	433.8	444.7	456.3	470.1	482.7	490.6	490.6	490.9	492.7
42.5°	429.3	440.1	452.1	466.9	482.0	497.5	510.9	520.8	528.1	537.1	544.5
40°	445.3	457.3	475.3	493.6	513.2	529.8	550.6	568.5	583.1	596.4	606.6
37.5°	464.0	481.2	504.0	527.6	553.1	578.7	603.0	625.7	645.0	667.2	683.6
35°	486.5	511.0	538.8	568.2	599.9	632.4	663.7	699.9	731.7	760.1	783.3
32.5°	512.8	542.4	576.2	615.4	655.1	698.0	743.0	789.5	834.3	880.9	927.5
30°	539.1	578.1	621.4	669.0	715.6	771.7	830.3	906.3	985.9	1076.8	1216.4
27.5°	571.1	617.8	668.2	722.9	786.9	858.8	971.7	1112.2	1351.9	1531.1	2012.2
25°	602.5	655.8	720.6	791.5	877.5	1008.9	1278.7	1590.9	2286.0	2936.7	3688.5
22.5°	634.3	700.7	778.3	864.9	1014.4	1352.8	1866.7	2807.8	3881.6	5021.3	6182.1
20°	666.4	744.6	841.8	986.3	1299.4	1878.4	3031.9	4544.1	6069.9	7933.7	9545.6
17.5°	702.5	799.4	926.5	1143.8	1659.7	2900.3	4606.6	6704.9	9065.9	11462.1	13474.1
15°	732.4	845.9	1016.0	1440.9	2414.8	4060.7	6293.5	9137.9	12357.3	15386.5	17970.5
12.5°	765.3	897.4	1121.2	1681.9	3111.4	5275.5	8218.0	11718.2	15580.3	19731.1	26303.3
10°	795.7	949.2	1297.6	2182.2	3914.5	6503.0	9941.4	13885.3	18569.1	26879.7	42415.3
7.5°	821.3	990.3	1430.2	2555.1	4641.3	7661.0	11346.4	15738.3	22780.3	36742.5	62885.1
5°	838.7	1017.6	1522.4	2834.2	5220.3	8515.2	12244.6	16958.5	27076.6	48798.5	80276.7
2.5°	851.0	1032.4	1571.6	2996.8	5586.6	9080.8	12880.9	17779.5	29961.0	55772.0	92652.7
0°	860.1	1036.7	1581.6	3137.9	5710.7	9272.4	12912.2	17999.9	30950.0	58494.8	97062.5
-2.5°	851.0	1032.4	1571.6	2996.8	5586.6	9080.8	12880.9	17779.5	29961.0	55772.0	92652.7
-5°	838.7	1017.6	1522.4	2834.2	5220.3	8515.2	12244.6	16958.5	27076.6	48798.5	80276.7
-7.5°	821.3	990.3	1430.2	2555.1	4641.3	7661.0	11346.4	15738.3	22780.3	36742.5	62885.1
-10°	795.7	949.2	1297.6	2182.2	3914.5	6503.0	9941.4	13885.3	18569.1	26879.7	42415.3
-12.5°	765.3	897.4	1121.2	1681.9	3111.4	5275.5	8218.0	11718.2	15580.3	19731.1	26303.3
-15°	732.4	845.9	1016.0	1440.9	2414.8	4060.7	6293.5	9137.9	12357.3	15386.5	17970.5
-17.5°	702.5	799.4	926.5	1143.8	1659.7	2900.3	4606.6	6704.9	9065.9	11462.1	13474.1
-20°	666.4	744.6	841.8	986.3	1299.4	1878.4	3031.9	4544.1	6069.9	7933.7	9545.6



REPORT NUMBER: P559111 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	634.3	700.7	778.3	864.9	1014.4	1352.8	1866.7	2807.8	3881.6	5021.3	6182.1
-25°	602.5	655.8	720.6	791.5	877.5	1008.9	1278.7	1590.9	2286.0	2936.7	3688.5
-27.5°	571.1	617.8	668.2	722.9	786.9	858.8	971.7	1112.2	1351.9	1531.1	2012.2
-30°	539.1	578.1	621.4	669.0	715.6	771.7	830.3	906.3	985.9	1076.8	1216.4
-32.5°	512.8	542.4	576.2	615.4	655.1	698.0	743.0	789.5	834.3	880.9	927.5
-35°	486.5	511.0	538.8	568.2	599.9	632.4	663.7	699.9	731.7	760.1	783.3
-37.5°	464.0	481.2	504.0	527.6	553.1	578.7	603.0	625.7	645.0	667.2	683.6
-40°	445.3	457.3	475.3	493.6	513.2	529.8	550.6	568.5	583.1	596.4	606.6
-42.5°	429.3	440.1	452.1	466.9	482.0	497.5	510.9	520.8	528.1	537.1	544.5
-45°	416.5	425.0	433.8	444.7	456.3	470.1	482.7	490.6	490.6	490.9	492.7
-47.5°	404.0	411.9	419.4	426.5	434.7	445.4	456.1	461.3	460.8	458.6	457.5
-50°	391.3	399.5	406.3	412.0	417.7	424.1	430.7	434.0	435.3	434.3	433.3
-52.5°	377.6	385.2	392.8	399.2	403.4	407.1	410.5	414.1	416.2	416.5	416.3
-55°	360.5	368.7	376.4	382.9	388.3	392.8	396.7	399.8	402.1	403.9	405.2
-57.5°	340.3	349.5	357.8	364.4	370.6	376.2	381.4	385.7	389.1	391.7	394.0
-60°	317.1	327.1	335.2	342.7	349.5	355.8	361.1	366.3	371.3	375.6	378.9
-62.5°	291.0	300.6	308.9	316.7	324.3	330.7	336.0	341.1	345.7	349.4	351.8
-65°	261.8	270.6	279.1	286.7	293.4	299.5	305.8	311.2	315.9	319.3	321.6
-67.5°	231.6	239.6	247.5	254.9	261.5	267.3	272.9	278.0	282.7	286.3	288.8
-70°	201.2	208.2	215.2	221.8	227.9	233.4	238.3	242.7	246.6	249.8	252.5
-72.5°	169.9	176.3	182.1	187.4	192.4	197.3	201.9	206.0	209.5	212.5	215.0
-75°	137.4	143.0	148.4	153.2	157.5	161.3	164.7	167.9	170.7	173.3	175.4
-77.5°	106.6	110.9	114.8	118.6	122.2	125.6	128.5	130.8	132.7	135.0	137.1
-80°	75.9	79.3	82.4	85.2	87.6	90.6	93.5	96.1	98.5	100.0	101.2
-82.5°	50.4	52.5	54.4	56.1	57.7	59.7	61.5	63.3	65.0	66.0	66.8
-85°	29.6	30.5	31.4	32.2	33.1	34.0	34.9	35.6	36.2	37.3	38.4
-87.5°	12.4	12.2	12.0	11.7	11.4	12.2	13.0	13.8	14.6	14.7	14.9
-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: P559111 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-930-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°	15.0	15.0	15.1	15.1	15.1	15.0	15.0	14.9	14.7	14.6	13.8
85°	39.3	40.2	39.1	37.8	39.1	40.2	39.3	38.4	37.3	36.2	35.6
82.5°	67.4	67.8	68.0	68.1	68.0	67.8	67.4	66.8	66.0	65.0	63.3
80°	102.2	102.9	104.5	105.9	104.5	102.9	102.2	101.2	100.0	98.5	96.1
77.5°	139.0	140.5	141.1	141.3	141.1	140.5	139.0	137.1	135.0	132.7	130.8
75°	177.1	178.2	181.3	184.1	181.3	178.2	177.1	175.4	173.3	170.7	167.9
72.5°	216.9	218.3	220.4	222.0	220.4	218.3	216.9	215.0	212.5	209.5	206.0
70°	254.6	256.1	257.0	257.3	257.0	256.1	254.6	252.5	249.8	246.6	242.7
67.5°	290.4	291.4	291.1	290.1	291.1	291.4	290.4	288.8	286.3	282.7	278.0
65°	323.2	324.2	323.9	322.9	323.9	324.2	323.2	321.6	319.3	315.9	311.2
62.5°	353.5	354.5	355.3	355.7	355.3	354.5	353.5	351.8	349.4	345.7	341.1
60°	381.8	384.2	385.5	385.9	385.5	384.2	381.8	378.9	375.6	371.3	366.3
57.5°	396.0	397.6	398.3	398.5	398.3	397.6	396.0	394.0	391.7	389.1	385.7
55°	405.8	405.9	405.0	403.6	405.0	405.9	405.8	405.2	403.9	402.1	399.8
52.5°	415.5	414.1	413.6	413.7	413.6	414.1	415.5	416.3	416.5	416.2	414.1
50°	431.9	429.5	428.5	428.8	428.5	429.5	431.9	433.3	434.3	435.3	434.0
47.5°	459.0	460.0	460.9	461.6	460.9	460.0	459.0	457.5	458.6	460.8	461.3
45°	497.8	501.3	503.6	504.5	503.6	501.3	497.8	492.7	490.9	490.6	490.6
42.5°	552.1	556.4	558.0	557.5	558.0	556.4	552.1	544.5	537.1	528.1	520.8
40°	617.3	625.7	630.6	630.6	630.6	625.7	617.3	606.6	596.4	583.1	568.5
37.5°	698.5	709.9	715.6	713.8	715.6	709.9	698.5	683.6	667.2	645.0	625.7
35°	801.0	812.3	817.0	822.3	817.0	812.3	801.0	783.3	760.1	731.7	699.9
32.5°	964.2	987.1	996.2	983.7	996.2	987.1	964.2	927.5	880.9	834.3	789.5
30°	1310.8	1394.5	1450.5	1478.1	1450.5	1394.5	1310.8	1216.4	1076.8	985.9	906.3
27.5°	2343.4	2562.6	2655.3	2706.5	2655.3	2562.6	2343.4	2012.2	1531.1	1351.9	1112.2
25°	4332.3	4800.1	5069.3	5047.3	5069.3	4800.1	4332.3	3688.5	2936.7	2286.0	1590.9
22.5°	7260.6	7998.6	8441.3	8604.0	8441.3	7998.6	7260.6	6182.1	5021.3	3881.6	2807.8
20°	10891.0	11718.5	12151.2	12216.0	12151.2	11718.5	10891.0	9545.6	7933.7	6069.9	4544.1
17.5°	15057.5	15842.0	16298.0	16292.3	16298.0	15842.0	15057.5	13474.1	11462.1	9065.9	6704.9
15°	21489.7	24526.3	26238.5	25988.4	26238.5	24526.3	21489.7	17970.5	15386.5	12357.3	9137.9
12.5°	35212.5	47340.6	54863.7	56721.5	54863.7	47340.6	35212.5	26303.3	19731.1	15580.3	11718.2
10°	62225.1	80369.6	94860.1	99047.6	94860.1	80369.6	62225.1	42415.3	26879.7	18569.1	13885.3
7.5°	89506.7	111041.2	119903.7	120933.3	119903.7	111041.2	89506.7	62885.1	36742.5	22780.3	15738.3
5°	110098.9	132011.1	134547.4	128176.4	134547.4	132011.1	110098.9	80276.7	48798.5	27076.6	16958.5
2.5°	123691.6	140246.6	142610.8	139181.7	142610.8	140246.6	123691.6	92652.7	55772.0	29961.0	17779.5
0°	126791.6	138056.7	141415.3	141782.3	141415.3	138056.7	126791.6	97062.5	58494.8	30950.0	17999.9
-2.5°	123691.6	140246.6	142610.8	139181.7	142610.8	140246.6	123691.6	92652.7	55772.0	29961.0	17779.5
-5°	110098.9	132011.1	134547.4	128176.4	134547.4	132011.1	110098.9	80276.7	48798.5	27076.6	16958.5
-7.5°	89506.7	111041.2	119903.7	120933.3	119903.7	111041.2	89506.7	62885.1	36742.5	22780.3	15738.3
-10°	62225.1	80369.6	94860.1	99047.6	94860.1	80369.6	62225.1	42415.3	26879.7	18569.1	13885.3
-12.5°	35212.5	47340.6	54863.7	56721.5	54863.7	47340.6	35212.5	26303.3	19731.1	15580.3	11718.2
-15°	21489.7	24526.3	26238.5	25988.4	26238.5	24526.3	21489.7	17970.5	15386.5	12357.3	9137.9
-17.5°	15057.5	15842.0	16298.0	16292.3	16298.0	15842.0	15057.5	13474.1	11462.1	9065.9	6704.9
-20°	10891.0	11718.5	12151.2	12216.0	12151.2	11718.5	10891.0	9545.6	7933.7	6069.9	4544.1



REPORT NUMBER: P559111 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-930-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°	7260.6	7998.6	8441.3	8604.0	8441.3	7998.6	7260.6	6182.1	5021.3	3881.6	2807.8
-25°	4332.3	4800.1	5069.3	5047.3	5069.3	4800.1	4332.3	3688.5	2936.7	2286.0	1590.9
-27.5°	2343.4	2562.6	2655.3	2706.5	2655.3	2562.6	2343.4	2012.2	1531.1	1351.9	1112.2
-30°	1310.8	1394.5	1450.5	1478.1	1450.5	1394.5	1310.8	1216.4	1076.8	985.9	906.3
-32.5°	964.2	987.1	996.2	983.7	996.2	987.1	964.2	927.5	880.9	834.3	789.5
-35°	801.0	812.3	817.0	822.3	817.0	812.3	801.0	783.3	760.1	731.7	699.9
-37.5°	698.5	709.9	715.6	713.8	715.6	709.9	698.5	683.6	667.2	645.0	625.7
-40°	617.3	625.7	630.6	630.6	630.6	625.7	617.3	606.6	596.4	583.1	568.5
-42.5°	552.1	556.4	558.0	557.5	558.0	556.4	552.1	544.5	537.1	528.1	520.8
-45°	497.8	501.3	503.6	504.5	503.6	501.3	497.8	492.7	490.9	490.6	490.6
-47.5°	459.0	460.0	460.9	461.6	460.9	460.0	459.0	457.5	458.6	460.8	461.3
-50°	431.9	429.5	428.5	428.8	428.5	429.5	431.9	433.3	434.3	435.3	434.0
-52.5°	415.5	414.1	413.6	413.7	413.6	414.1	415.5	416.3	416.5	416.2	414.1
-55°	405.8	405.9	405.0	403.6	405.0	405.9	405.8	405.2	403.9	402.1	399.8
-57.5°	396.0	397.6	398.3	398.5	398.3	397.6	396.0	394.0	391.7	389.1	385.7
-60°	381.8	384.2	385.5	385.9	385.5	384.2	381.8	378.9	375.6	371.3	366.3
-62.5°	353.5	354.5	355.3	355.7	355.3	354.5	353.5	351.8	349.4	345.7	341.1
-65°	323.2	324.2	323.9	322.9	323.9	324.2	323.2	321.6	319.3	315.9	311.2
-67.5°	290.4	291.4	291.1	290.1	291.1	291.4	290.4	288.8	286.3	282.7	278.0
-70°	254.6	256.1	257.0	257.3	257.0	256.1	254.6	252.5	249.8	246.6	242.7
-72.5°	216.9	218.3	220.4	222.0	220.4	218.3	216.9	215.0	212.5	209.5	206.0
-75°	177.1	178.2	181.3	184.1	181.3	178.2	177.1	175.4	173.3	170.7	167.9
-77.5°	139.0	140.5	141.1	141.3	141.1	140.5	139.0	137.1	135.0	132.7	130.8
-80°	102.2	102.9	104.5	105.9	104.5	102.9	102.2	101.2	100.0	98.5	96.1
-82.5°	67.4	67.8	68.0	68.1	68.0	67.8	67.4	66.8	66.0	65.0	63.3
-85°	39.3	40.2	39.1	37.8	39.1	40.2	39.3	38.4	37.3	36.2	35.6
-87.5°	15.0	15.0	15.1	15.1	15.1	15.0	15.0	14.9	14.7	14.6	13.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559111 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.0	12.2	11.4	11.7	12.0	12.2	12.4	12.0	11.6	11.1	10.7
85°	34.9	34.0	33.1	32.2	31.4	30.5	29.6	28.0	26.5	25.0	23.5
82.5°	61.5	59.7	57.7	56.1	54.4	52.5	50.4	48.1	45.5	42.5	39.2
80°	93.5	90.6	87.6	85.2	82.4	79.3	75.9	72.5	69.1	65.7	62.3
77.5°	128.5	125.6	122.2	118.6	114.8	110.9	106.6	101.7	96.8	91.7	86.5
75°	164.7	161.3	157.5	153.2	148.4	143.0	137.4	131.4	125.2	118.6	111.7
72.5°	201.9	197.3	192.4	187.4	182.1	176.3	169.9	162.8	155.0	146.6	138.2
70°	238.3	233.4	227.9	221.8	215.2	208.2	201.2	193.9	186.2	177.2	166.8
67.5°	272.9	267.3	261.5	254.9	247.5	239.6	231.6	223.3	214.4	205.1	194.3
65°	305.8	299.5	293.4	286.7	279.1	270.6	261.8	252.4	242.4	231.9	220.3
62.5°	336.0	330.7	324.3	316.7	308.9	300.6	291.0	280.4	269.6	258.3	245.5
60°	361.1	355.8	349.5	342.7	335.2	327.1	317.1	306.5	295.4	282.8	269.8
57.5°	381.4	376.2	370.6	364.4	357.8	349.5	340.3	330.5	318.8	306.1	292.7
55°	396.7	392.8	388.3	382.9	376.4	368.7	360.5	350.9	339.7	328.1	313.8
52.5°	410.5	407.1	403.4	399.2	392.8	385.2	377.6	368.2	358.4	346.5	333.4
50°	430.7	424.1	417.7	412.0	406.3	399.5	391.3	383.1	373.8	362.9	350.5
47.5°	456.1	445.4	434.7	426.5	419.4	411.9	404.0	395.6	387.0	377.3	365.1
45°	482.7	470.1	456.3	444.7	433.8	425.0	416.5	408.1	399.3	389.5	378.4
42.5°	510.9	497.5	482.0	466.9	452.1	440.1	429.3	420.5	410.9	401.2	389.8
40°	550.6	529.8	513.2	493.6	475.3	457.3	445.3	433.3	422.9	411.9	400.7
37.5°	603.0	578.7	553.1	527.6	504.0	481.2	464.0	449.3	435.3	423.2	410.6
35°	663.7	632.4	599.9	568.2	538.8	511.0	486.5	467.2	450.8	435.6	421.1
32.5°	743.0	698.0	655.1	615.4	576.2	542.4	512.8	487.8	467.7	450.3	433.1
30°	830.3	771.7	715.6	669.0	621.4	578.1	539.1	509.5	486.1	466.0	445.8
27.5°	971.7	858.8	786.9	722.9	668.2	617.8	571.1	528.9	503.1	481.7	459.8
25°	1278.7	1008.9	877.5	791.5	720.6	655.8	602.5	554.3	518.3	495.0	467.3
22.5°	1866.7	1352.8	1014.4	864.9	778.3	700.7	634.3	580.0	530.1	500.8	472.4
20°	3031.9	1878.4	1299.4	986.3	841.8	744.6	666.4	605.0	549.9	507.5	476.0
17.5°	4606.6	2900.3	1659.7	1143.8	926.5	799.4	702.5	628.1	567.7	514.7	478.1
15°	6293.5	4060.7	2414.8	1440.9	1016.0	845.9	732.4	649.3	584.1	525.7	483.4
12.5°	8218.0	5275.5	3111.4	1681.9	1121.2	897.4	765.3	672.7	600.5	538.7	491.9
10°	9941.4	6503.0	3914.5	2182.2	1297.6	949.2	795.7	693.4	615.7	549.5	498.5
7.5°	11346.4	7661.0	4641.3	2555.1	1430.2	990.3	821.3	710.7	628.2	557.3	503.2
5°	12244.6	8515.2	5220.3	2834.2	1522.4	1017.6	838.7	723.7	637.7	562.3	506.2
2.5°	12880.9	9080.8	5586.6	2996.8	1571.6	1032.4	851.0	731.5	644.7	568.4	511.2
0°	12912.2	9272.4	5710.7	3137.9	1581.6	1036.7	860.1	734.0	648.3	572.6	514.6
-2.5°	12880.9	9080.8	5586.6	2996.8	1571.6	1032.4	851.0	731.5	644.7	568.4	511.2
-5°	12244.6	8515.2	5220.3	2834.2	1522.4	1017.6	838.7	723.7	637.7	562.3	506.2
-7.5°	11346.4	7661.0	4641.3	2555.1	1430.2	990.3	821.3	710.7	628.2	557.3	503.2
-10°	9941.4	6503.0	3914.5	2182.2	1297.6	949.2	795.7	693.4	615.7	549.5	498.5
-12.5°	8218.0	5275.5	3111.4	1681.9	1121.2	897.4	765.3	672.7	600.5	538.7	491.9
-15°	6293.5	4060.7	2414.8	1440.9	1016.0	845.9	732.4	649.3	584.1	525.7	483.4
-17.5°	4606.6	2900.3	1659.7	1143.8	926.5	799.4	702.5	628.1	567.7	514.7	478.1
-20°	3031.9	1878.4	1299.4	986.3	841.8	744.6	666.4	605.0	549.9	507.5	476.0



REPORT NUMBER: P559111 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1866.7	1352.8	1014.4	864.9	778.3	700.7	634.3	580.0	530.1	500.8	472.4
-25°	1278.7	1008.9	877.5	791.5	720.6	655.8	602.5	554.3	518.3	495.0	467.3
-27.5°	971.7	858.8	786.9	722.9	668.2	617.8	571.1	528.9	503.1	481.7	459.8
-30°	830.3	771.7	715.6	669.0	621.4	578.1	539.1	509.5	486.1	466.0	445.8
-32.5°	743.0	698.0	655.1	615.4	576.2	542.4	512.8	487.8	467.7	450.3	433.1
-35°	663.7	632.4	599.9	568.2	538.8	511.0	486.5	467.2	450.8	435.6	421.1
-37.5°	603.0	578.7	553.1	527.6	504.0	481.2	464.0	449.3	435.3	423.2	410.6
-40°	550.6	529.8	513.2	493.6	475.3	457.3	445.3	433.3	422.9	411.9	400.7
-42.5°	510.9	497.5	482.0	466.9	452.1	440.1	429.3	420.5	410.9	401.2	389.8
-45°	482.7	470.1	456.3	444.7	433.8	425.0	416.5	408.1	399.3	389.5	378.4
-47.5°	456.1	445.4	434.7	426.5	419.4	411.9	404.0	395.6	387.0	377.3	365.1
-50°	430.7	424.1	417.7	412.0	406.3	399.5	391.3	383.1	373.8	362.9	350.5
-52.5°	410.5	407.1	403.4	399.2	392.8	385.2	377.6	368.2	358.4	346.5	333.4
-55°	396.7	392.8	388.3	382.9	376.4	368.7	360.5	350.9	339.7	328.1	313.8
-57.5°	381.4	376.2	370.6	364.4	357.8	349.5	340.3	330.5	318.8	306.1	292.7
-60°	361.1	355.8	349.5	342.7	335.2	327.1	317.1	306.5	295.4	282.8	269.8
-62.5°	336.0	330.7	324.3	316.7	308.9	300.6	291.0	280.4	269.6	258.3	245.5
-65°	305.8	299.5	293.4	286.7	279.1	270.6	261.8	252.4	242.4	231.9	220.3
-67.5°	272.9	267.3	261.5	254.9	247.5	239.6	231.6	223.3	214.4	205.1	194.3
-70°	238.3	233.4	227.9	221.8	215.2	208.2	201.2	193.9	186.2	177.2	166.8
-72.5°	201.9	197.3	192.4	187.4	182.1	176.3	169.9	162.8	155.0	146.6	138.2
-75°	164.7	161.3	157.5	153.2	148.4	143.0	137.4	131.4	125.2	118.6	111.7
-77.5°	128.5	125.6	122.2	118.6	114.8	110.9	106.6	101.7	96.8	91.7	86.5
-80°	93.5	90.6	87.6	85.2	82.4	79.3	75.9	72.5	69.1	65.7	62.3
-82.5°	61.5	59.7	57.7	56.1	54.4	52.5	50.4	48.1	45.5	42.5	39.2
-85°	34.9	34.0	33.1	32.2	31.4	30.5	29.6	28.0	26.5	25.0	23.5
-87.5°	13.0	12.2	11.4	11.7	12.0	12.2	12.4	12.0	11.6	11.1	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: P559111 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-930-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°	10.2	9.7	9.2	8.7	8.1	7.5	7.0	6.4	5.8	5.2	4.5
85°	22.4	21.2	19.9	18.4	16.8	15.1	13.9	12.7	11.5	10.3	9.1
82.5°	36.7	35.0	33.3	31.4	29.3	27.1	24.5	21.8	18.7	15.7	13.6
80°	58.3	54.4	50.4	46.6	42.7	39.0	35.9	32.3	28.0	23.8	19.7
77.5°	80.9	75.1	69.1	63.7	58.4	53.2	48.2	43.0	37.2	31.8	26.6
75°	104.5	97.4	90.2	82.7	75.1	67.4	60.9	54.5	47.4	39.9	33.3
72.5°	130.2	121.5	112.2	102.4	93.5	84.3	74.9	65.9	57.9	49.4	40.5
70°	156.4	146.1	135.8	124.4	112.7	101.2	90.5	79.5	68.4	58.9	49.0
67.5°	182.6	170.4	158.5	146.0	132.7	119.3	106.1	93.6	81.1	68.4	57.4
65°	207.7	194.3	180.2	166.3	152.0	137.3	122.4	107.8	93.6	79.5	65.7
62.5°	232.2	218.3	202.7	186.5	170.6	154.7	138.4	122.4	106.1	90.5	74.9
60°	255.9	240.9	224.6	206.9	189.1	171.6	154.1	136.7	119.0	101.2	84.3
57.5°	277.9	262.7	245.0	226.5	207.4	188.2	169.5	150.7	131.7	112.3	93.5
55°	299.0	282.6	264.5	245.2	225.0	204.4	184.6	164.4	144.0	123.3	102.4
52.5°	318.5	301.5	282.7	263.0	241.9	220.3	199.5	177.7	156.0	134.0	111.8
50°	336.1	319.0	299.9	279.5	258.2	236.0	214.1	191.0	167.6	144.3	120.9
47.5°	351.6	334.7	315.8	295.2	273.0	250.9	227.9	204.1	178.8	154.3	129.8
45°	364.8	349.2	330.5	309.5	287.9	264.9	241.0	216.8	190.3	164.1	138.5
42.5°	377.2	361.9	343.9	323.3	301.7	278.4	253.4	228.2	201.4	173.4	146.7
40°	387.8	373.5	356.4	336.2	315.0	291.5	265.4	238.9	212.1	182.6	154.6
37.5°	397.8	383.7	367.1	349.3	327.7	303.4	276.9	249.0	221.9	191.5	162.0
35°	407.1	392.6	378.1	360.6	339.4	314.9	288.1	258.6	230.3	200.0	169.1
32.5°	416.3	401.3	386.6	370.3	350.7	326.0	298.3	268.0	238.2	207.9	175.8
30°	426.6	408.9	394.3	379.2	360.8	335.9	307.5	276.5	245.7	215.2	182.1
27.5°	434.8	415.1	401.1	386.2	368.5	345.3	315.6	284.1	252.6	221.7	188.0
25°	441.7	421.3	406.2	392.2	375.6	352.8	322.9	291.0	258.9	227.3	193.5
22.5°	447.1	426.4	410.1	397.6	382.1	359.6	329.3	297.0	264.6	232.4	198.4
20°	450.1	430.1	413.2	402.0	387.6	364.6	334.8	302.3	269.6	237.1	202.8
17.5°	451.2	432.9	416.9	405.0	391.7	369.6	339.6	307.0	273.8	241.2	206.8
15°	455.4	435.5	419.7	407.5	395.2	374.5	343.8	311.0	277.4	244.8	210.1
12.5°	459.9	437.4	421.6	409.5	398.0	379.2	347.2	314.4	280.3	247.8	212.9
10°	463.8	438.8	422.5	411.1	400.3	383.6	349.8	317.0	283.3	250.3	215.3
7.5°	466.9	439.5	422.7	412.3	402.1	387.0	352.3	319.0	285.8	252.3	217.1
5°	469.3	439.7	422.6	413.1	403.8	389.2	354.2	320.2	287.8	253.7	218.4
2.5°	471.1	439.6	422.1	413.6	405.1	390.6	355.3	320.6	289.3	254.5	219.1
0°	471.7	438.9	421.2	413.7	406.1	391.0	355.7	320.3	290.1	254.8	219.4
-2.5°	471.1	439.6	422.1	413.6	405.1	390.6	355.3	320.6	289.3	254.5	219.1
-5°	469.3	439.7	422.6	413.1	403.8	389.2	354.2	320.2	287.8	253.7	218.4
-7.5°	466.9	439.5	422.7	412.3	402.1	387.0	352.3	319.0	285.8	252.3	217.1
-10°	463.8	438.8	422.5	411.1	400.3	383.6	349.8	317.0	283.3	250.3	215.3
-12.5°	459.9	437.4	421.6	409.5	398.0	379.2	347.2	314.4	280.3	247.8	212.9
-15°	455.4	435.5	419.7	407.5	395.2	374.5	343.8	311.0	277.4	244.8	210.1
-17.5°	451.2	432.9	416.9	405.0	391.7	369.6	339.6	307.0	273.8	241.2	206.8
-20°	450.1	430.1	413.2	402.0	387.6	364.6	334.8	302.3	269.6	237.1	202.8



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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°	447.1	426.4	410.1	397.6	382.1	359.6	329.3	297.0	264.6	232.4	198.4
-25°	441.7	421.3	406.2	392.2	375.6	352.8	322.9	291.0	258.9	227.3	193.5
-27.5°	434.8	415.1	401.1	386.2	368.5	345.3	315.6	284.1	252.6	221.7	188.0
-30°	426.6	408.9	394.3	379.2	360.8	335.9	307.5	276.5	245.7	215.2	182.1
-32.5°	416.3	401.3	386.6	370.3	350.7	326.0	298.3	268.0	238.2	207.9	175.8
-35°	407.1	392.6	378.1	360.6	339.4	314.9	288.1	258.6	230.3	200.0	169.1
-37.5°	397.8	383.7	367.1	349.3	327.7	303.4	276.9	249.0	221.9	191.5	162.0
-40°	387.8	373.5	356.4	336.2	315.0	291.5	265.4	238.9	212.1	182.6	154.6
-42.5°	377.2	361.9	343.9	323.3	301.7	278.4	253.4	228.2	201.4	173.4	146.7
-45°	364.8	349.2	330.5	309.5	287.9	264.9	241.0	216.8	190.3	164.1	138.5
-47.5°	351.6	334.7	315.8	295.2	273.0	250.9	227.9	204.1	178.8	154.3	129.8
-50°	336.1	319.0	299.9	279.5	258.2	236.0	214.1	191.0	167.6	144.3	120.9
-52.5°	318.5	301.5	282.7	263.0	241.9	220.3	199.5	177.7	156.0	134.0	111.8
-55°	299.0	282.6	264.5	245.2	225.0	204.4	184.6	164.4	144.0	123.3	102.4
-57.5°	277.9	262.7	245.0	226.5	207.4	188.2	169.5	150.7	131.7	112.3	93.5
-60°	255.9	240.9	224.6	206.9	189.1	171.6	154.1	136.7	119.0	101.2	84.3
-62.5°	232.2	218.3	202.7	186.5	170.6	154.7	138.4	122.4	106.1	90.5	74.9
-65°	207.7	194.3	180.2	166.3	152.0	137.3	122.4	107.8	93.6	79.5	65.7
-67.5°	182.6	170.4	158.5	146.0	132.7	119.3	106.1	93.6	81.1	68.4	57.4
-70°	156.4	146.1	135.8	124.4	112.7	101.2	90.5	79.5	68.4	58.9	49.0
-72.5°	130.2	121.5	112.2	102.4	93.5	84.3	74.9	65.9	57.9	49.4	40.5
-75°	104.5	97.4	90.2	82.7	75.1	67.4	60.9	54.5	47.4	39.9	33.3
-77.5°	80.9	75.1	69.1	63.7	58.4	53.2	48.2	43.0	37.2	31.8	26.6
-80°	58.3	54.4	50.4	46.6	42.7	39.0	35.9	32.3	28.0	23.8	19.7
-82.5°	36.7	35.0	33.3	31.4	29.3	27.1	24.5	21.8	18.7	15.7	13.6
-85°	22.4	21.2	19.9	18.4	16.8	15.1	13.9	12.7	11.5	10.3	9.1
-87.5°	10.2	9.7	9.2	8.7	8.1	7.5	7.0	6.4	5.8	5.2	4.5
-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°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
85°	7.8	6.5	5.2	3.9	2.6	1.3	0.0
82.5°	11.7	9.8	7.8	5.9	3.9	2.0	0.0
80°	15.8	13.0	10.4	7.8	5.2	2.6	0.0
77.5°	21.6	16.8	13.0	9.8	6.5	3.3	0.0
75°	27.3	21.8	15.8	11.7	7.8	3.9	0.0
72.5°	33.1	26.7	19.9	13.6	9.1	4.5	0.0
70°	39.0	31.5	23.8	15.7	10.3	5.2	0.0
67.5°	46.3	36.3	27.8	18.7	11.5	5.8	0.0
65°	53.5	41.7	31.7	21.7	12.7	6.4	0.0
62.5°	60.5	47.4	35.5	24.6	13.9	7.0	0.0
60°	67.3	53.1	39.3	27.5	15.1	7.5	0.0
57.5°	75.1	58.5	43.5	30.3	17.0	8.1	0.0
55°	82.7	63.8	47.7	33.0	18.8	8.7	0.0
52.5°	90.2	69.1	51.8	35.7	20.6	9.2	0.0
50°	97.4	75.1	55.7	38.3	22.3	9.7	0.0
47.5°	104.5	80.9	59.5	40.9	24.0	10.2	0.0
45°	111.9	86.5	63.0	43.6	25.6	10.7	0.0
42.5°	119.0	91.9	66.5	46.2	27.1	11.1	0.0
40°	125.9	97.0	70.1	48.6	28.5	11.6	0.0
37.5°	132.5	101.8	74.0	50.9	29.9	12.0	0.0
35°	138.8	106.8	77.7	53.0	31.2	12.4	0.0
32.5°	144.6	111.7	81.1	55.0	32.5	12.7	0.0
30°	150.0	116.3	84.3	56.9	33.6	13.1	0.0
27.5°	155.0	120.6	87.4	58.7	34.7	13.4	0.0
25°	159.6	124.6	90.3	60.3	35.6	13.7	0.0
22.5°	163.8	128.2	92.9	61.7	36.5	13.9	0.0
20°	167.6	131.5	95.4	63.1	37.3	14.2	0.0
17.5°	170.9	134.4	97.6	64.2	38.1	14.4	0.0
15°	173.7	137.0	99.6	65.3	38.7	14.6	0.0
12.5°	176.1	139.1	101.3	66.1	39.2	14.7	0.0
10°	178.1	140.8	102.8	66.8	39.6	14.9	0.0
7.5°	179.6	142.1	104.0	67.4	40.0	15.0	0.0
5°	180.7	143.1	104.9	67.8	40.2	15.0	0.0
2.5°	181.4	143.6	105.5	68.0	40.4	15.1	0.0
0°	181.6	143.8	105.9	68.1	40.4	15.1	0.0
-2.5°	181.4	143.6	105.5	68.0	40.4	15.1	0.0
-5°	180.7	143.1	104.9	67.8	40.2	15.0	0.0
-7.5°	179.6	142.1	104.0	67.4	40.0	15.0	0.0
-10°	178.1	140.8	102.8	66.8	39.6	14.9	0.0
-12.5°	176.1	139.1	101.3	66.1	39.2	14.7	0.0
-15°	173.7	137.0	99.6	65.3	38.7	14.6	0.0
-17.5°	170.9	134.4	97.6	64.2	38.1	14.4	0.0
-20°	167.6	131.5	95.4	63.1	37.3	14.2	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	163.8	128.2	92.9	61.7	36.5	13.9	0.0
-25°	159.6	124.6	90.3	60.3	35.6	13.7	0.0
-27.5°	155.0	120.6	87.4	58.7	34.7	13.4	0.0
-30°	150.0	116.3	84.3	56.9	33.6	13.1	0.0
-32.5°	144.6	111.7	81.1	55.0	32.5	12.7	0.0
-35°	138.8	106.8	77.7	53.0	31.2	12.4	0.0
-37.5°	132.5	101.8	74.0	50.9	29.9	12.0	0.0
-40°	125.9	97.0	70.1	48.6	28.5	11.6	0.0
-42.5°	119.0	91.9	66.5	46.2	27.1	11.1	0.0
-45°	111.9	86.5	63.0	43.6	25.6	10.7	0.0
-47.5°	104.5	80.9	59.5	40.9	24.0	10.2	0.0
-50°	97.4	75.1	55.7	38.3	22.3	9.7	0.0
-52.5°	90.2	69.1	51.8	35.7	20.6	9.2	0.0
-55°	82.7	63.8	47.7	33.0	18.8	8.7	0.0
-57.5°	75.1	58.5	43.5	30.3	17.0	8.1	0.0
-60°	67.3	53.1	39.3	27.5	15.1	7.5	0.0
-62.5°	60.5	47.4	35.5	24.6	13.9	7.0	0.0
-65°	53.5	41.7	31.7	21.7	12.7	6.4	0.0
-67.5°	46.3	36.3	27.8	18.7	11.5	5.8	0.0
-70°	39.0	31.5	23.8	15.7	10.3	5.2	0.0
-72.5°	33.1	26.7	19.9	13.6	9.1	4.5	0.0
-75°	27.3	21.8	15.8	11.7	7.8	3.9	0.0
-77.5°	21.6	16.8	13.0	9.8	6.5	3.3	0.0
-80°	15.8	13.0	10.4	7.8	5.2	2.6	0.0
-82.5°	11.7	9.8	7.8	5.9	3.9	2.0	0.0
-85°	7.8	6.5	5.2	3.9	2.6	1.3	0.0
-87.5°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)