

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: P559240 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-930-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559240 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6E-930-U-TS-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, TIGHT SPOT N2
Light Source: (96) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

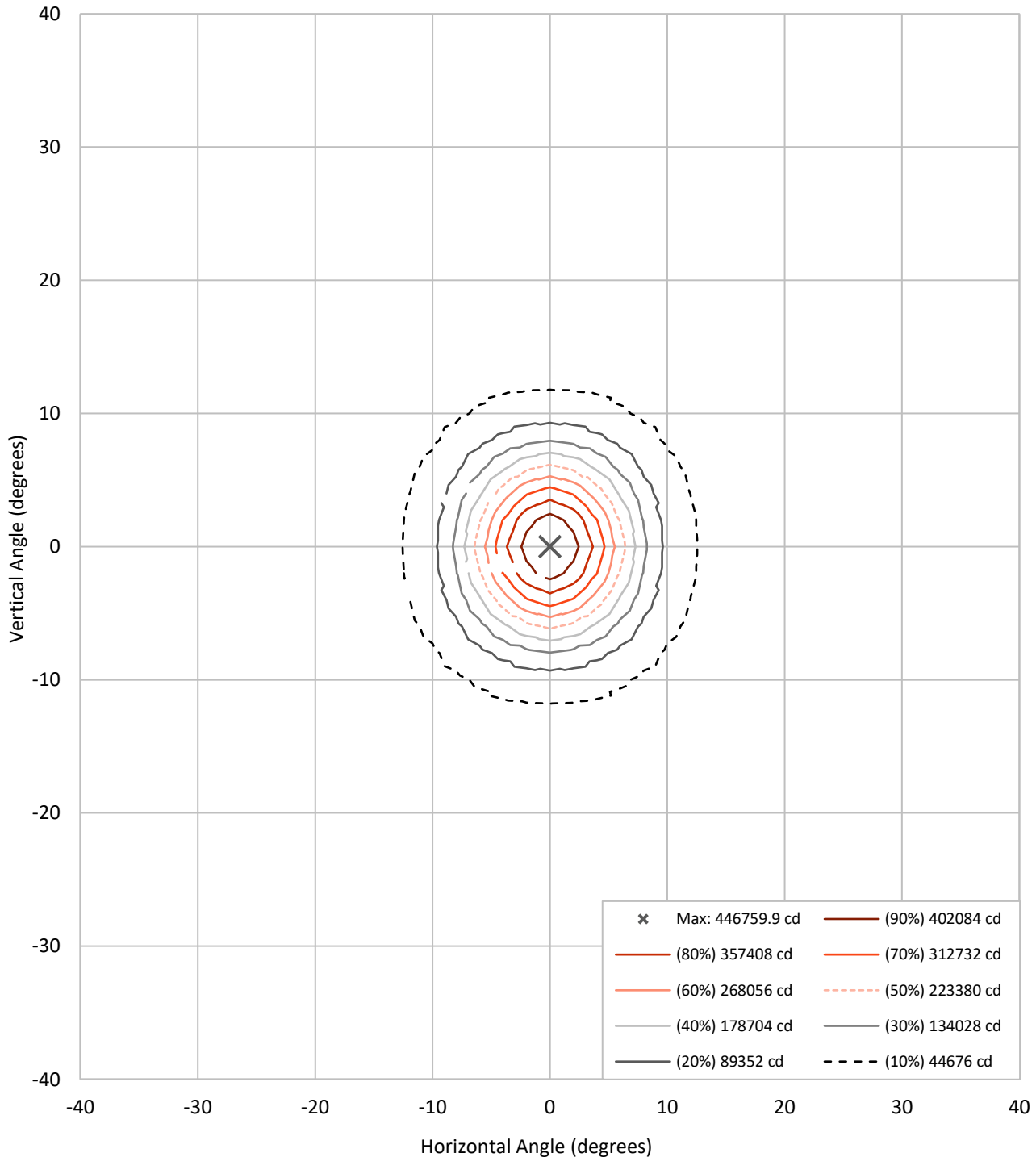
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	32384.2 lumens	Max Intensity:	446759.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	88.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	10232.9 lumens	Field Lumens:	22669.3 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 368
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





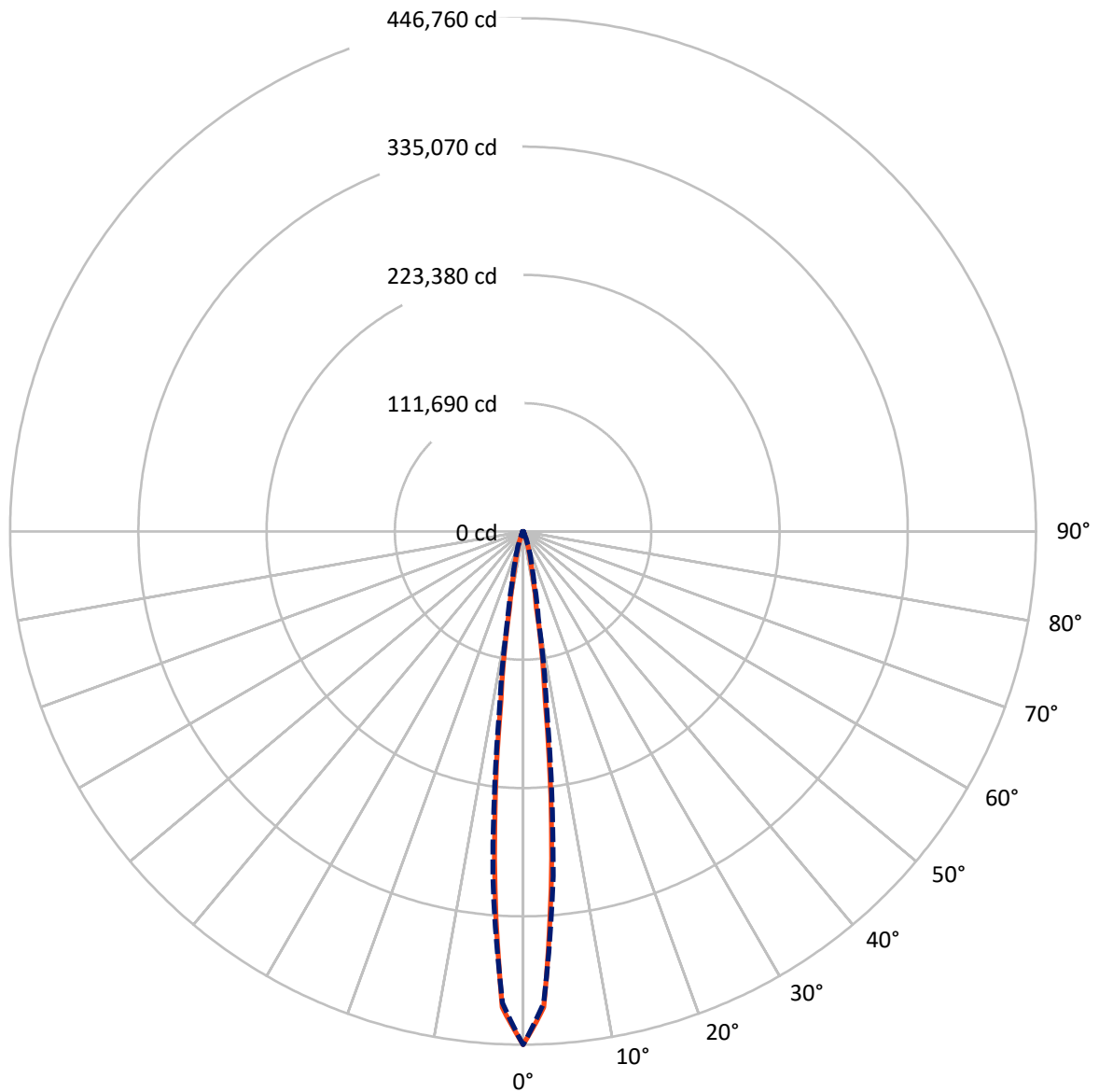
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Lumen Table

90	0.5	3.7		10.4		16.8		19.4		16.8		10.4		3.7		0.5			
80	0.5	3.7		10.4		16.8		19.4		16.8		10.4		3.7		0.5			
70	1.7	2.0	4.2	6.9	9.5	11.6	13.3	14.1	14.1	13.3	11.6	9.5	6.9	4.2	2.0	1.7			
60		3.1	6.2	9.5	12.3	14.5	15.9	16.5	16.5	15.9	14.5	12.3	9.5	6.2	3.1				
50	3.1	4.1	7.7	11.0	13.7	16.1	18.0	18.9	18.9	18.0	16.1	13.7	11.0	7.7	4.1	3.1			
40		4.9	8.6	12.0	15.3	19.7	24.7	27.9	27.9	24.7	19.7	15.3	12.0	8.6	4.9				
30	4.2	5.4	9.1	12.7	18.0	28.0	62.1	113.0	113.0	62.1	28.0	18.0	12.7	9.1	5.4	4.2			
20		5.7	9.4	13.4	21.3	60.1	339.6	747.0	747.0	339.6	60.1	21.3	13.4	9.4	5.7				
10	4.5	5.8	9.5	13.8	23.7	115.4	815.2	5273.4	5273.4	815.2	115.4	23.7	13.8	9.5	5.8	4.5			
0		5.8	9.5	13.8	23.7	115.4	815.2	5273.4	5273.4	815.2	115.4	23.7	13.8	9.5	5.8				
-10	4.2	5.7	9.4	13.4	21.3	60.1	339.6	747.0	747.0	339.6	60.1	21.3	13.4	9.4	5.7	4.2			
-20		5.4	9.1	12.7	18.0	28.0	62.1	113.0	113.0	62.1	28.0	18.0	12.7	9.1	5.4				
-30	3.1	4.9	8.6	12.0	15.3	19.7	24.7	27.9	27.9	24.7	19.7	15.3	12.0	8.6	4.9	3.1			
-40		4.1	7.7	11.0	13.7	16.1	18.0	18.9	18.9	18.0	16.1	13.7	11.0	7.7	4.1				
-50	1.7	3.1	6.2	9.5	12.3	14.5	15.9	16.5	16.5	15.9	14.5	12.3	9.5	6.2	3.1	1.7			
-60		2.0	4.2	6.9	9.5	11.6	13.3	14.1	14.1	13.3	11.6	9.5	6.9	4.2	2.0				
-70	0.5	3.7		10.4		16.8		19.4		16.8		10.4		3.7		0.5			
-80		3.7		10.4		16.8		19.4		16.8		10.4		3.7					
-90	0.5	3.7		10.4		16.8		19.4		16.8		10.4		3.7		0.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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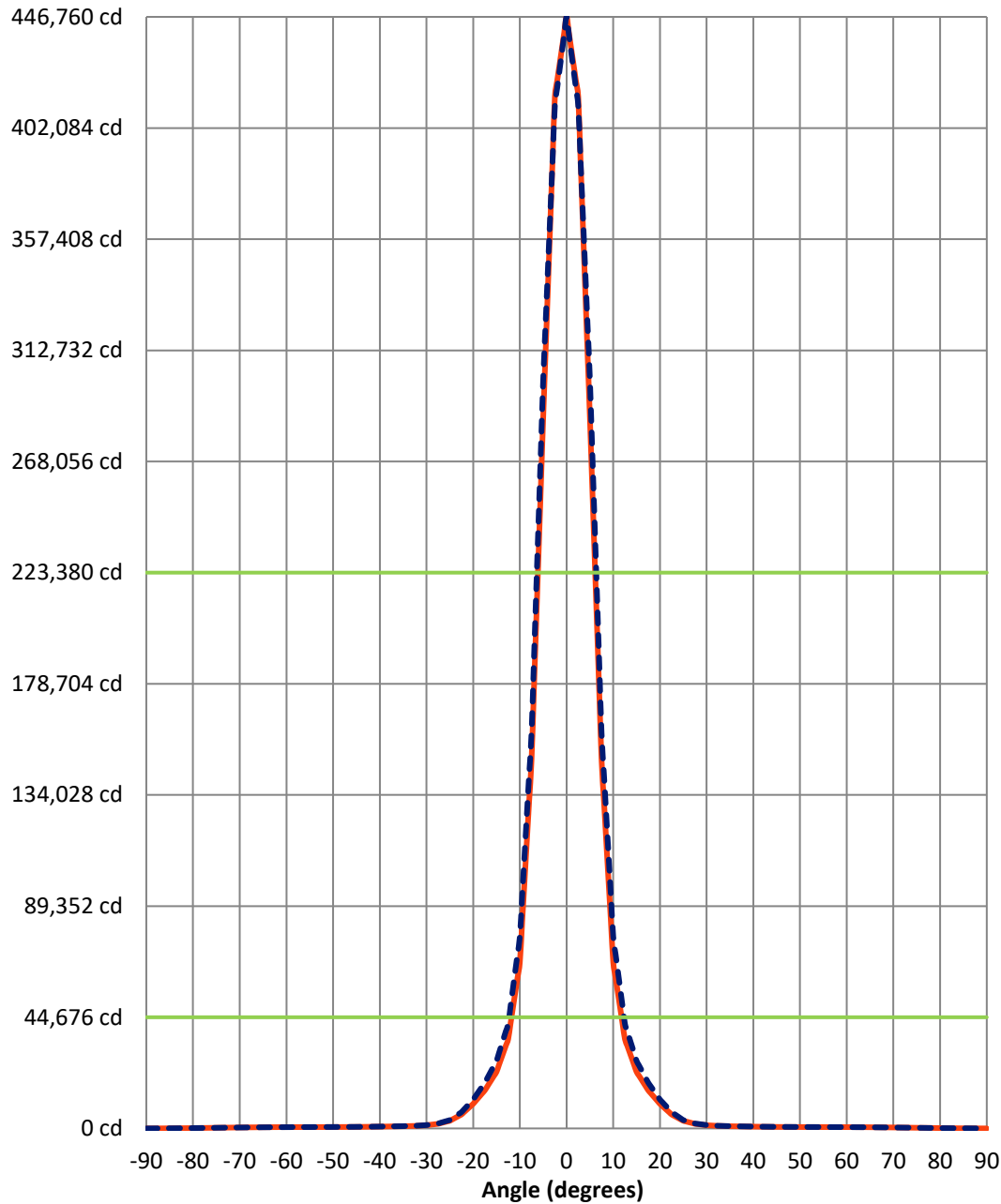
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 12.7°
 V Angle: 12.3°
 Lumens: 10232.9
 Efficiency: 31.6%

Field:
 H Angle: 24.6°
 V Angle: 23.6°
 Lumens: 22669.3
 Efficiency: 70.0%

Spill:
 Lumens: 9714.8
 Efficiency: 30.0%

— 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	1.1	2.1	3.0	3.9	4.7	5.5	6.3	7.2	8.1	8.9
85°	0.0	2.1	4.2	6.1	7.8	9.5	10.9	12.7	14.4	16.1	17.8
82.5°	0.0	3.1	6.3	9.1	11.8	14.2	16.4	19.0	21.8	25.8	29.8
80°	0.0	4.2	8.4	12.1	15.7	18.9	22.1	27.2	32.5	38.0	43.6
77.5°	0.0	5.2	10.4	15.2	19.5	24.2	29.7	36.2	43.0	50.0	57.5
75°	0.0	6.2	12.5	18.1	23.6	30.5	37.3	45.1	53.6	63.3	72.5
72.5°	0.0	7.2	14.5	21.1	28.7	36.8	44.9	54.5	66.0	77.0	87.3
70°	0.0	8.2	16.5	24.2	33.6	43.0	52.6	65.5	78.3	90.6	107.5
67.5°	0.0	9.2	18.4	27.9	38.5	49.1	62.0	76.4	90.6	109.3	128.6
65°	0.0	10.2	20.3	31.5	43.4	56.0	71.3	87.1	106.5	127.5	149.7
62.5°	0.0	11.1	22.2	35.1	48.1	63.4	80.4	99.6	121.9	145.6	171.5
60°	0.0	12.0	24.1	38.6	52.8	70.7	89.2	112.4	136.8	164.8	192.8
57.5°	0.0	12.9	26.3	42.0	58.3	77.8	99.7	124.9	153.1	183.6	214.4
55°	0.0	13.8	28.5	45.3	63.8	84.6	110.2	137.1	169.4	202.1	235.8
52.5°	0.0	14.7	30.6	48.5	69.0	91.6	120.4	150.9	185.1	220.8	256.6
50°	0.0	15.5	32.6	51.6	74.1	99.8	130.2	164.4	200.7	238.9	277.3
47.5°	0.0	16.3	34.6	54.8	79.0	107.7	140.0	177.3	216.2	256.4	297.4
45°	0.0	17.0	36.5	58.3	83.6	115.3	150.6	189.7	231.3	274.0	317.0
42.5°	0.0	17.8	38.3	61.6	88.1	122.6	160.7	202.0	245.8	291.0	333.7
40°	0.0	18.5	40.0	64.7	93.0	129.6	170.3	214.1	259.8	307.3	349.4
37.5°	0.0	19.1	41.7	67.6	98.3	136.2	179.4	225.6	273.4	322.1	364.3
35°	0.0	19.7	43.2	70.3	103.3	143.1	187.9	236.4	286.3	334.5	377.8
32.5°	0.0	20.3	44.7	72.9	108.0	149.7	196.1	246.6	298.2	346.1	389.3
30°	0.0	20.9	46.0	75.2	112.4	155.9	204.2	256.1	309.3	357.0	400.1
27.5°	0.0	21.4	47.3	77.3	116.3	161.6	211.7	265.1	319.0	367.0	410.1
25°	0.0	21.8	48.5	79.2	120.0	166.9	218.6	273.3	327.1	375.5	419.1
22.5°	0.0	22.3	49.5	80.9	123.4	171.6	224.8	280.6	334.5	382.9	426.0
20°	0.0	22.6	50.5	82.4	126.4	175.9	230.5	287.2	341.0	389.5	432.2
17.5°	0.0	23.0	51.3	83.7	129.2	179.8	235.5	292.9	346.8	395.3	437.8
15°	0.0	23.3	52.1	84.8	131.6	183.1	240.0	297.9	351.8	400.2	442.7
12.5°	0.0	23.5	52.7	85.7	133.6	186.0	243.9	302.0	355.9	404.3	446.8
10°	0.0	23.7	53.2	86.4	135.3	188.3	247.0	305.2	359.2	407.6	450.1
7.5°	0.0	23.9	53.6	86.9	136.7	190.1	249.4	307.6	361.7	410.0	452.4
5°	0.0	24.0	53.9	87.2	137.6	191.5	251.2	309.1	363.3	411.5	453.8
2.5°	0.0	24.1	54.0	87.3	138.2	192.2	252.2	309.9	364.0	412.2	454.4
0°	0.0	24.1	54.1	87.2	138.4	192.5	252.6	309.8	363.9	412.0	454.1
-2.5°	0.0	24.1	54.0	87.3	138.2	192.2	252.2	309.9	364.0	412.2	454.4
-5°	0.0	24.0	53.9	87.2	137.6	191.5	251.2	309.1	363.3	411.5	453.8
-7.5°	0.0	23.9	53.6	86.9	136.7	190.1	249.4	307.6	361.7	410.0	452.4
-10°	0.0	23.7	53.2	86.4	135.3	188.3	247.0	305.2	359.2	407.6	450.1
-12.5°	0.0	23.5	52.7	85.7	133.6	186.0	243.9	302.0	355.9	404.3	446.8
-15°	0.0	23.3	52.1	84.8	131.6	183.1	240.0	297.9	351.8	400.2	442.7
-17.5°	0.0	23.0	51.3	83.7	129.2	179.8	235.5	292.9	346.8	395.3	437.8
-20°	0.0	22.6	50.5	82.4	126.4	175.9	230.5	287.2	341.0	389.5	432.2



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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	22.3	49.5	80.9	123.4	171.6	224.8	280.6	334.5	382.9	426.0
-25°	0.0	21.8	48.5	79.2	120.0	166.9	218.6	273.3	327.1	375.5	419.1
-27.5°	0.0	21.4	47.3	77.3	116.3	161.6	211.7	265.1	319.0	367.0	410.1
-30°	0.0	20.9	46.0	75.2	112.4	155.9	204.2	256.1	309.3	357.0	400.1
-32.5°	0.0	20.3	44.7	72.9	108.0	149.7	196.1	246.6	298.2	346.1	389.3
-35°	0.0	19.7	43.2	70.3	103.3	143.1	187.9	236.4	286.3	334.5	377.8
-37.5°	0.0	19.1	41.7	67.6	98.3	136.2	179.4	225.6	273.4	322.1	364.3
-40°	0.0	18.5	40.0	64.7	93.0	129.6	170.3	214.1	259.8	307.3	349.4
-42.5°	0.0	17.8	38.3	61.6	88.1	122.6	160.7	202.0	245.8	291.0	333.7
-45°	0.0	17.0	36.5	58.3	83.6	115.3	150.6	189.7	231.3	274.0	317.0
-47.5°	0.0	16.3	34.6	54.8	79.0	107.7	140.0	177.3	216.2	256.4	297.4
-50°	0.0	15.5	32.6	51.6	74.1	99.8	130.2	164.4	200.7	238.9	277.3
-52.5°	0.0	14.7	30.6	48.5	69.0	91.6	120.4	150.9	185.1	220.8	256.6
-55°	0.0	13.8	28.5	45.3	63.8	84.6	110.2	137.1	169.4	202.1	235.8
-57.5°	0.0	12.9	26.3	42.0	58.3	77.8	99.7	124.9	153.1	183.6	214.4
-60°	0.0	12.0	24.1	38.6	52.8	70.7	89.2	112.4	136.8	164.8	192.8
-62.5°	0.0	11.1	22.2	35.1	48.1	63.4	80.4	99.6	121.9	145.6	171.5
-65°	0.0	10.2	20.3	31.5	43.4	56.0	71.3	87.1	106.5	127.5	149.7
-67.5°	0.0	9.2	18.4	27.9	38.5	49.1	62.0	76.4	90.6	109.3	128.6
-70°	0.0	8.2	16.5	24.2	33.6	43.0	52.6	65.5	78.3	90.6	107.5
-72.5°	0.0	7.2	14.5	21.1	28.7	36.8	44.9	54.5	66.0	77.0	87.3
-75°	0.0	6.2	12.5	18.1	23.6	30.5	37.3	45.1	53.6	63.3	72.5
-77.5°	0.0	5.2	10.4	15.2	19.5	24.2	29.7	36.2	43.0	50.0	57.5
-80°	0.0	4.2	8.4	12.1	15.7	18.9	22.1	27.2	32.5	38.0	43.6
-82.5°	0.0	3.1	6.3	9.1	11.8	14.2	16.4	19.0	21.8	25.8	29.8
-85°	0.0	2.1	4.2	6.1	7.8	9.5	10.9	12.7	14.4	16.1	17.8
-87.5°	0.0	1.1	2.1	3.0	3.9	4.7	5.5	6.3	7.2	8.1	8.9
-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°	9.7	10.5	11.3	12.1	12.8	13.6	14.3	14.9	15.6	16.2	16.7
85°	19.5	21.1	23.2	25.1	26.8	28.4	29.8	31.0	32.8	34.6	36.5
82.5°	33.2	36.1	38.5	40.6	42.8	44.8	47.0	50.5	55.1	59.4	63.5
80°	47.7	51.1	55.8	61.2	66.7	72.1	77.3	82.3	87.6	93.5	99.6
77.5°	64.1	70.9	78.4	86.4	94.2	103.2	112.3	121.6	130.0	137.3	143.8
75°	81.1	90.4	102.9	115.4	127.3	139.0	151.0	162.6	172.7	182.2	191.6
72.5°	101.1	116.2	131.1	145.5	160.9	175.5	189.4	202.4	215.3	228.2	240.4
70°	124.9	142.1	160.0	178.2	195.9	212.2	228.4	244.7	260.7	275.2	288.1
67.5°	148.7	169.3	189.9	210.4	229.8	248.5	267.4	286.2	304.0	319.2	332.7
65°	173.1	196.1	219.2	241.4	262.5	284.4	305.7	326.4	343.3	357.3	370.9
62.5°	197.0	223.0	248.1	272.4	296.3	320.2	340.8	359.4	376.8	392.0	406.6
60°	221.5	249.7	276.9	303.6	328.9	350.8	371.9	390.5	408.0	424.7	437.0
57.5°	245.6	276.0	305.5	332.9	357.2	379.8	400.0	419.6	434.7	448.1	461.6
55°	269.2	301.8	332.2	359.3	383.9	405.5	425.9	442.3	457.4	470.0	483.1
52.5°	292.4	326.5	356.5	383.9	407.6	428.9	447.0	463.2	477.2	490.1	500.9
50°	315.1	348.5	379.7	405.5	429.1	449.1	466.1	481.6	495.3	507.1	516.9
47.5°	335.3	369.8	399.2	425.7	448.1	467.0	483.4	498.3	511.8	522.2	531.9
45°	354.1	388.1	418.0	443.2	465.1	482.9	498.8	514.2	525.5	535.8	543.3
42.5°	372.2	405.0	434.2	460.3	479.5	496.9	513.0	526.3	538.0	547.0	555.0
40°	387.5	421.4	449.3	473.0	492.7	509.3	524.1	537.5	549.0	557.8	566.4
37.5°	401.9	434.7	463.0	485.0	503.5	519.9	534.6	547.1	558.3	567.7	579.5
35°	415.9	447.3	473.5	495.1	513.1	529.3	543.3	556.0	567.1	580.0	593.7
32.5°	427.7	459.3	483.6	503.2	521.0	537.5	551.5	564.4	577.3	591.9	608.8
30°	437.7	468.1	492.2	510.7	528.4	543.9	559.0	572.9	587.0	604.5	626.5
27.5°	446.8	476.1	498.5	517.1	534.9	549.5	565.2	581.0	597.6	618.0	645.6
25°	455.3	483.5	504.1	522.9	539.5	554.7	571.0	587.2	607.9	634.8	671.0
22.5°	462.2	490.3	508.9	528.1	543.4	559.4	576.1	594.3	617.6	650.2	697.7
20°	467.7	494.4	513.1	532.1	546.6	563.5	580.7	600.4	628.3	670.8	725.7
17.5°	472.7	497.9	516.6	534.4	549.7	567.1	584.7	605.3	637.1	690.0	751.5
15°	477.2	500.8	519.4	536.4	552.5	569.8	588.3	611.8	648.8	708.6	774.9
12.5°	481.0	503.1	521.5	537.9	554.6	571.7	591.3	617.4	661.4	725.9	798.0
10°	484.2	504.8	523.0	538.9	556.2	572.8	593.7	621.0	670.3	735.6	811.7
7.5°	486.2	506.2	524.1	539.5	557.1	573.1	595.4	622.9	675.8	740.8	819.1
5°	487.3	507.3	525.3	540.5	558.2	573.9	596.8	623.3	678.0	741.8	821.9
2.5°	487.6	508.0	526.0	541.2	559.1	575.9	599.6	626.5	680.0	745.4	823.8
0°	487.2	508.3	526.3	541.4	559.4	577.5	601.5	628.6	679.7	748.9	824.1
-2.5°	487.6	508.0	526.0	541.2	559.1	575.9	599.6	626.5	680.0	745.4	823.8
-5°	487.3	507.3	525.3	540.5	558.2	573.9	596.8	623.3	678.0	741.8	821.9
-7.5°	486.2	506.2	524.1	539.5	557.1	573.1	595.4	622.9	675.8	740.8	819.1
-10°	484.2	504.8	523.0	538.9	556.2	572.8	593.7	621.0	670.3	735.6	811.7
-12.5°	481.0	503.1	521.5	537.9	554.6	571.7	591.3	617.4	661.4	725.9	798.0
-15°	477.2	500.8	519.4	536.4	552.5	569.8	588.3	611.8	648.8	708.6	774.9
-17.5°	472.7	497.9	516.6	534.4	549.7	567.1	584.7	605.3	637.1	690.0	751.5
-20°	467.7	494.4	513.1	532.1	546.6	563.5	580.7	600.4	628.3	670.8	725.7



REPORT NUMBER: P559240 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	462.2	490.3	508.9	528.1	543.4	559.4	576.1	594.3	617.6	650.2	697.7
-25°	455.3	483.5	504.1	522.9	539.5	554.7	571.0	587.2	607.9	634.8	671.0
-27.5°	446.8	476.1	498.5	517.1	534.9	549.5	565.2	581.0	597.6	618.0	645.6
-30°	437.7	468.1	492.2	510.7	528.4	543.9	559.0	572.9	587.0	604.5	626.5
-32.5°	427.7	459.3	483.6	503.2	521.0	537.5	551.5	564.4	577.3	591.9	608.8
-35°	415.9	447.3	473.5	495.1	513.1	529.3	543.3	556.0	567.1	580.0	593.7
-37.5°	401.9	434.7	463.0	485.0	503.5	519.9	534.6	547.1	558.3	567.7	579.5
-40°	387.5	421.4	449.3	473.0	492.7	509.3	524.1	537.5	549.0	557.8	566.4
-42.5°	372.2	405.0	434.2	460.3	479.5	496.9	513.0	526.3	538.0	547.0	555.0
-45°	354.1	388.1	418.0	443.2	465.1	482.9	498.8	514.2	525.5	535.8	543.3
-47.5°	335.3	369.8	399.2	425.7	448.1	467.0	483.4	498.3	511.8	522.2	531.9
-50°	315.1	348.5	379.7	405.5	429.1	449.1	466.1	481.6	495.3	507.1	516.9
-52.5°	292.4	326.5	356.5	383.9	407.6	428.9	447.0	463.2	477.2	490.1	500.9
-55°	269.2	301.8	332.2	359.3	383.9	405.5	425.9	442.3	457.4	470.0	483.1
-57.5°	245.6	276.0	305.5	332.9	357.2	379.8	400.0	419.6	434.7	448.1	461.6
-60°	221.5	249.7	276.9	303.6	328.9	350.8	371.9	390.5	408.0	424.7	437.0
-62.5°	197.0	223.0	248.1	272.4	296.3	320.2	340.8	359.4	376.8	392.0	406.6
-65°	173.1	196.1	219.2	241.4	262.5	284.4	305.7	326.4	343.3	357.3	370.9
-67.5°	148.7	169.3	189.9	210.4	229.8	248.5	267.4	286.2	304.0	319.2	332.7
-70°	124.9	142.1	160.0	178.2	195.9	212.2	228.4	244.7	260.7	275.2	288.1
-72.5°	101.1	116.2	131.1	145.5	160.9	175.5	189.4	202.4	215.3	228.2	240.4
-75°	81.1	90.4	102.9	115.4	127.3	139.0	151.0	162.6	172.7	182.2	191.6
-77.5°	64.1	70.9	78.4	86.4	94.2	103.2	112.3	121.6	130.0	137.3	143.8
-80°	47.7	51.1	55.8	61.2	66.7	72.1	77.3	82.3	87.6	93.5	99.6
-82.5°	33.2	36.1	38.5	40.6	42.8	44.8	47.0	50.5	55.1	59.4	63.5
-85°	19.5	21.1	23.2	25.1	26.8	28.4	29.8	31.0	32.8	34.6	36.5
-87.5°	9.7	10.5	11.3	12.1	12.8	13.6	14.3	14.9	15.6	16.2	16.7
-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: P559240 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-U-TS-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°	17.3	17.1	16.9	16.7	16.3	16.6	16.9	17.2	17.4	17.6	17.7
85°	38.3	39.9	41.5	43.2	44.9	46.0	47.1	48.0	48.8	49.5	50.1
82.5°	67.2	70.7	73.8	76.6	79.1	81.2	83.1	84.7	86.2	87.4	88.4
80°	105.0	110.2	115.1	119.7	123.9	127.3	130.1	132.5	134.4	136.5	138.3
77.5°	150.1	157.4	164.3	170.5	176.0	180.7	184.7	188.3	191.2	194.8	198.2
75°	201.0	209.8	217.7	225.0	231.7	237.7	243.0	247.7	251.6	255.6	258.9
72.5°	252.0	262.5	271.7	279.5	286.6	293.5	300.2	306.4	312.2	316.5	319.7
70°	300.0	310.8	320.6	329.5	337.8	346.4	355.1	363.1	370.5	375.2	377.9
67.5°	344.0	355.0	366.2	377.3	387.1	396.1	404.8	412.7	419.9	424.7	427.7
65°	383.8	395.9	408.0	419.3	429.7	437.4	445.3	452.8	459.9	465.5	469.7
62.5°	420.9	432.9	443.1	452.7	461.6	469.2	477.0	483.9	490.0	495.4	500.4
60°	449.3	461.6	471.5	480.4	488.6	496.2	502.4	507.5	511.6	515.0	518.2
57.5°	473.7	485.3	495.4	502.7	510.1	517.4	522.6	525.8	528.3	530.2	531.5
55°	494.7	504.0	512.4	520.6	527.8	534.1	538.8	540.9	542.3	542.9	543.6
52.5°	511.6	520.7	529.3	537.0	542.7	548.0	552.6	553.8	554.5	554.8	554.9
50°	527.0	535.9	542.7	549.2	555.0	559.8	563.7	565.6	566.7	566.9	566.3
47.5°	539.4	547.1	554.6	561.3	567.2	572.8	577.2	579.8	581.7	582.4	582.4
45°	550.3	559.3	567.3	575.1	582.0	589.2	595.4	599.6	603.8	606.7	608.1
42.5°	563.3	572.3	581.2	591.8	601.8	611.2	621.4	630.4	639.8	649.7	656.5
40°	576.4	586.2	599.8	612.7	627.2	640.4	662.0	683.4	699.8	713.6	726.2
37.5°	591.4	605.6	621.9	638.6	662.4	687.0	714.1	740.7	763.9	784.8	801.8
35°	608.7	627.7	647.8	677.5	707.7	738.0	770.4	805.9	835.9	857.9	873.6
32.5°	629.7	653.7	686.0	723.9	761.0	800.3	839.5	879.0	908.6	939.1	969.9
30°	653.1	687.8	729.4	775.5	821.8	868.8	918.1	972.8	1024.8	1080.8	1160.9
27.5°	683.0	725.2	774.1	828.7	884.5	940.5	1026.3	1120.2	1259.8	1371.2	1560.3
25°	714.9	764.2	822.6	885.8	954.0	1054.3	1211.2	1396.7	1725.4	1980.4	2367.2
22.5°	750.4	808.5	873.0	945.7	1055.5	1244.6	1513.1	1989.5	2652.4	3307.0	4035.1
20°	785.5	849.8	920.4	1030.3	1216.9	1516.1	2097.5	3127.5	4277.9	5915.8	7290.6
17.5°	818.7	887.0	976.6	1125.3	1404.7	2006.4	3132.5	4896.8	7299.5	9939.8	12141.4
15°	847.9	917.7	1038.3	1273.9	1745.9	2683.1	4383.5	7386.2	11423.2	15038.1	18262.3
12.5°	872.6	955.2	1105.2	1393.8	2042.2	3429.4	6157.1	10420.8	15350.6	20420.3	24500.6
10°	890.5	995.0	1194.5	1615.6	2512.9	4317.6	7635.3	13013.6	18949.4	25111.1	32487.4
7.5°	901.3	1023.5	1262.3	1780.4	2932.7	5306.6	9489.6	15328.5	22145.0	30556.5	41826.3
5°	909.0	1042.8	1312.5	1904.4	3213.3	5960.4	10660.4	17082.5	24902.2	37064.8	60258.7
2.5°	912.8	1051.3	1341.0	1972.5	3341.2	6296.5	11484.4	18086.8	26579.8	41656.0	73027.6
0°	911.3	1046.6	1344.4	1988.0	3359.5	6553.6	11621.4	18373.5	27146.7	42067.5	77121.2
-2.5°	912.8	1051.3	1341.0	1972.5	3341.2	6296.5	11484.4	18086.8	26579.8	41656.0	73027.6
-5°	909.0	1042.8	1312.5	1904.4	3213.3	5960.4	10660.4	17082.5	24902.2	37064.8	60258.7
-7.5°	901.3	1023.5	1262.3	1780.4	2932.7	5306.6	9489.6	15328.5	22145.0	30556.5	41826.3
-10°	890.5	995.0	1194.5	1615.6	2512.9	4317.6	7635.3	13013.6	18949.4	25111.1	32487.4
-12.5°	872.6	955.2	1105.2	1393.8	2042.2	3429.4	6157.1	10420.8	15350.6	20420.3	24500.6
-15°	847.9	917.7	1038.3	1273.9	1745.9	2683.1	4383.5	7386.2	11423.2	15038.1	18262.3
-17.5°	818.7	887.0	976.6	1125.3	1404.7	2006.4	3132.5	4896.8	7299.5	9939.8	12141.4
-20°	785.5	849.8	920.4	1030.3	1216.9	1516.1	2097.5	3127.5	4277.9	5915.8	7290.6



REPORT NUMBER: P559240 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	750.4	808.5	873.0	945.7	1055.5	1244.6	1513.1	1989.5	2652.4	3307.0	4035.1
-25°	714.9	764.2	822.6	885.8	954.0	1054.3	1211.2	1396.7	1725.4	1980.4	2367.2
-27.5°	683.0	725.2	774.1	828.7	884.5	940.5	1026.3	1120.2	1259.8	1371.2	1560.3
-30°	653.1	687.8	729.4	775.5	821.8	868.8	918.1	972.8	1024.8	1080.8	1160.9
-32.5°	629.7	653.7	686.0	723.9	761.0	800.3	839.5	879.0	908.6	939.1	969.9
-35°	608.7	627.7	647.8	677.5	707.7	738.0	770.4	805.9	835.9	857.9	873.6
-37.5°	591.4	605.6	621.9	638.6	662.4	687.0	714.1	740.7	763.9	784.8	801.8
-40°	576.4	586.2	599.8	612.7	627.2	640.4	662.0	683.4	699.8	713.6	726.2
-42.5°	563.3	572.3	581.2	591.8	601.8	611.2	621.4	630.4	639.8	649.7	656.5
-45°	550.3	559.3	567.3	575.1	582.0	589.2	595.4	599.6	603.8	606.7	608.1
-47.5°	539.4	547.1	554.6	561.3	567.2	572.8	577.2	579.8	581.7	582.4	582.4
-50°	527.0	535.9	542.7	549.2	555.0	559.8	563.7	565.6	566.7	566.9	566.3
-52.5°	511.6	520.7	529.3	537.0	542.7	548.0	552.6	553.8	554.5	554.8	554.9
-55°	494.7	504.0	512.4	520.6	527.8	534.1	538.8	540.9	542.3	542.9	543.6
-57.5°	473.7	485.3	495.4	502.7	510.1	517.4	522.6	525.8	528.3	530.2	531.5
-60°	449.3	461.6	471.5	480.4	488.6	496.2	502.4	507.5	511.6	515.0	518.2
-62.5°	420.9	432.9	443.1	452.7	461.6	469.2	477.0	483.9	490.0	495.4	500.4
-65°	383.8	395.9	408.0	419.3	429.7	437.4	445.3	452.8	459.9	465.5	469.7
-67.5°	344.0	355.0	366.2	377.3	387.1	396.1	404.8	412.7	419.9	424.7	427.7
-70°	300.0	310.8	320.6	329.5	337.8	346.4	355.1	363.1	370.5	375.2	377.9
-72.5°	252.0	262.5	271.7	279.5	286.6	293.5	300.2	306.4	312.2	316.5	319.7
-75°	201.0	209.8	217.7	225.0	231.7	237.7	243.0	247.7	251.6	255.6	258.9
-77.5°	150.1	157.4	164.3	170.5	176.0	180.7	184.7	188.3	191.2	194.8	198.2
-80°	105.0	110.2	115.1	119.7	123.9	127.3	130.1	132.5	134.4	136.5	138.3
-82.5°	67.2	70.7	73.8	76.6	79.1	81.2	83.1	84.7	86.2	87.4	88.4
-85°	38.3	39.9	41.5	43.2	44.9	46.0	47.1	48.0	48.8	49.5	50.1
-87.5°	17.3	17.1	16.9	16.7	16.3	16.6	16.9	17.2	17.4	17.6	17.7
-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: P559240 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-U-TS-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°	17.8	17.9	18.0	18.0	18.0	17.9	17.8	17.7	17.6	17.4	17.2
85°	50.5	50.8	51.0	51.1	51.0	50.8	50.5	50.1	49.5	48.8	48.0
82.5°	89.2	89.8	90.1	90.2	90.1	89.8	89.2	88.4	87.4	86.2	84.7
80°	139.6	140.6	141.2	141.4	141.2	140.6	139.6	138.3	136.5	134.4	132.5
77.5°	201.0	203.2	204.2	204.5	204.2	203.2	201.0	198.2	194.8	191.2	188.3
75°	261.5	263.3	264.3	264.7	264.3	263.3	261.5	258.9	255.6	251.6	247.7
72.5°	321.9	323.2	325.8	327.8	325.8	323.2	321.9	319.7	316.5	312.2	306.4
70°	379.6	380.4	382.9	385.0	382.9	380.4	379.6	377.9	375.2	370.5	363.1
67.5°	430.0	431.4	431.3	430.1	431.3	431.4	430.0	427.7	424.7	419.9	412.7
65°	473.3	476.2	476.4	475.2	476.4	476.2	473.3	469.7	465.5	459.9	452.8
62.5°	505.0	509.2	510.9	511.3	510.9	509.2	505.0	500.4	495.4	490.0	483.9
60°	520.6	522.4	523.1	523.3	523.1	522.4	520.6	518.2	515.0	511.6	507.5
57.5°	532.1	532.1	532.2	532.3	532.2	532.1	532.1	531.5	530.2	528.3	525.8
55°	544.0	544.0	543.1	541.4	543.1	544.0	544.0	543.6	542.9	542.3	540.9
52.5°	554.5	553.5	552.1	550.4	552.1	553.5	554.5	554.9	554.8	554.5	553.8
50°	565.0	563.1	562.2	562.4	562.2	563.1	565.0	566.3	566.9	566.7	565.6
47.5°	581.9	580.6	580.1	580.5	580.1	580.6	581.9	582.4	582.4	581.7	579.8
45°	608.6	607.6	606.9	607.5	606.9	607.6	608.6	608.1	606.7	603.8	599.6
42.5°	660.3	660.7	660.4	661.7	660.4	660.7	660.3	656.5	649.7	639.8	630.4
40°	731.2	730.9	728.4	727.8	728.4	730.9	731.2	726.2	713.6	699.8	683.4
37.5°	808.7	808.8	806.2	806.0	806.2	808.8	808.7	801.8	784.8	763.9	740.7
35°	881.8	884.6	884.0	881.2	884.0	884.6	881.8	873.6	857.9	835.9	805.9
32.5°	991.7	1008.5	1017.3	1013.6	1017.3	1008.5	991.7	969.9	939.1	908.6	879.0
30°	1211.2	1254.5	1277.3	1287.3	1277.3	1254.5	1211.2	1160.9	1080.8	1024.8	972.8
27.5°	1695.7	1791.3	1834.3	1849.7	1834.3	1791.3	1695.7	1560.3	1371.2	1259.8	1120.2
25°	2705.0	2921.0	3027.5	3061.8	3027.5	2921.0	2705.0	2367.2	1980.4	1725.4	1396.7
22.5°	4837.0	5252.8	5537.2	5600.2	5537.2	5252.8	4837.0	4035.1	3307.0	2652.4	1989.5
20°	8672.7	9476.9	9913.2	9874.0	9913.2	9476.9	8672.7	7290.6	5915.8	4277.9	3127.5
17.5°	14013.0	15044.2	15535.2	15305.7	15535.2	15044.2	14013.0	12141.4	9939.8	7299.5	4896.8
15°	20542.6	21935.8	22543.6	22731.5	22543.6	21935.8	20542.6	18262.3	15038.1	11423.2	7386.2
12.5°	28573.7	33141.4	35325.7	35910.9	35325.7	33141.4	28573.7	24500.6	20420.3	15350.6	10420.8
10°	40032.1	55385.6	64518.0	66748.0	64518.0	55385.6	40032.1	32487.4	25111.1	18949.4	13013.6
7.5°	65375.8	96575.4	131526.2	148076.9	131526.2	96575.4	65375.8	41826.3	30556.5	22145.0	15328.5
5°	99697.8	173033.7	253955.4	285678.1	253955.4	173033.7	99697.8	60258.7	37064.8	24902.2	17082.5
2.5°	141422.2	261267.6	373081.6	414763.5	373081.6	261267.6	141422.2	73027.6	41656.0	26579.8	18086.8
0°	159050.1	301212.5	411055.1	446759.9	411055.1	301212.5	159050.1	77121.2	42067.5	27146.7	18373.5
-2.5°	141422.2	261267.6	373081.6	414763.4	373081.6	261267.6	141422.2	73027.6	41656.0	26579.8	18086.8
-5°	99697.8	173033.7	253955.4	285678.1	253955.4	173033.7	99697.8	60258.7	37064.8	24902.2	17082.5
-7.5°	65375.8	96575.4	131526.2	148076.9	131526.2	96575.4	65375.8	41826.3	30556.5	22145.0	15328.5
-10°	40032.1	55385.6	64518.0	66748.0	64518.0	55385.6	40032.1	32487.4	25111.1	18949.4	13013.6
-12.5°	28573.7	33141.4	35325.7	35910.9	35325.7	33141.4	28573.7	24500.6	20420.3	15350.6	10420.8
-15°	20542.6	21935.8	22543.6	22731.5	22543.6	21935.8	20542.6	18262.3	15038.1	11423.2	7386.2
-17.5°	14013.0	15044.2	15535.2	15305.7	15535.2	15044.2	14013.0	12141.4	9939.8	7299.5	4896.8
-20°	8672.7	9476.9	9913.2	9874.0	9913.2	9476.9	8672.7	7290.6	5915.8	4277.9	3127.5



REPORT NUMBER: P559240 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4837.0	5252.8	5537.2	5600.2	5537.2	5252.8	4837.0	4035.1	3307.0	2652.4	1989.5
-25°	2705.0	2921.0	3027.5	3061.8	3027.5	2921.0	2705.0	2367.2	1980.4	1725.4	1396.7
-27.5°	1695.7	1791.3	1834.3	1849.7	1834.3	1791.3	1695.7	1560.3	1371.2	1259.8	1120.2
-30°	1211.2	1254.5	1277.3	1287.3	1277.3	1254.5	1211.2	1160.9	1080.8	1024.8	972.8
-32.5°	991.7	1008.5	1017.3	1013.6	1017.3	1008.5	991.7	969.9	939.1	908.6	879.0
-35°	881.8	884.6	884.0	881.2	884.0	884.6	881.8	873.6	857.9	835.9	805.9
-37.5°	808.7	808.8	806.2	806.0	806.2	808.8	808.7	801.8	784.8	763.9	740.7
-40°	731.2	730.9	728.4	727.8	728.4	730.9	731.2	726.2	713.6	699.8	683.4
-42.5°	660.3	660.7	660.4	661.7	660.4	660.7	660.3	656.5	649.7	639.8	630.4
-45°	608.6	607.6	606.9	607.5	606.9	607.6	608.6	608.1	606.7	603.8	599.6
-47.5°	581.9	580.6	580.1	580.5	580.1	580.6	581.9	582.4	582.4	581.7	579.8
-50°	565.0	563.1	562.2	562.4	562.2	563.1	565.0	566.3	566.9	566.7	565.6
-52.5°	554.5	553.5	552.1	550.4	552.1	553.5	554.5	554.9	554.8	554.5	553.8
-55°	544.0	544.0	543.1	541.4	543.1	544.0	544.0	543.6	542.9	542.3	540.9
-57.5°	532.1	532.1	532.2	532.3	532.2	532.1	532.1	531.5	530.2	528.3	525.8
-60°	520.6	522.4	523.1	523.3	523.1	522.4	520.6	518.2	515.0	511.6	507.5
-62.5°	505.0	509.2	510.9	511.3	510.9	509.2	505.0	500.4	495.4	490.0	483.9
-65°	473.3	476.2	476.4	475.2	476.4	476.2	473.3	469.7	465.5	459.9	452.8
-67.5°	430.0	431.4	431.3	430.1	431.3	431.4	430.0	427.7	424.7	419.9	412.7
-70°	379.6	380.4	382.9	385.0	382.9	380.4	379.6	377.9	375.2	370.5	363.1
-72.5°	321.9	323.2	325.8	327.8	325.8	323.2	321.9	319.7	316.5	312.2	306.4
-75°	261.5	263.3	264.3	264.7	264.3	263.3	261.5	258.9	255.6	251.6	247.7
-77.5°	201.0	203.2	204.2	204.5	204.2	203.2	201.0	198.2	194.8	191.2	188.3
-80°	139.6	140.6	141.2	141.4	141.2	140.6	139.6	138.3	136.5	134.4	132.5
-82.5°	89.2	89.8	90.1	90.2	90.1	89.8	89.2	88.4	87.4	86.2	84.7
-85°	50.5	50.8	51.0	51.1	51.0	50.8	50.5	50.1	49.5	48.8	48.0
-87.5°	17.8	17.9	18.0	18.0	18.0	17.9	17.8	17.7	17.6	17.4	17.2
-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: P559240 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-U-TS-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°	16.9	16.6	16.3	16.7	16.9	17.1	17.3	16.7	16.2	15.6	14.9
85°	47.1	46.0	44.9	43.2	41.5	39.9	38.3	36.5	34.6	32.8	31.0
82.5°	83.1	81.2	79.1	76.6	73.8	70.7	67.2	63.5	59.4	55.1	50.5
80°	130.1	127.3	123.9	119.7	115.1	110.2	105.0	99.6	93.5	87.6	82.3
77.5°	184.7	180.7	176.0	170.5	164.3	157.4	150.1	143.8	137.3	130.0	121.6
75°	243.0	237.7	231.7	225.0	217.7	209.8	201.0	191.6	182.2	172.7	162.6
72.5°	300.2	293.5	286.6	279.5	271.7	262.5	252.0	240.4	228.2	215.3	202.4
70°	355.1	346.4	337.8	329.5	320.6	310.8	300.0	288.1	275.2	260.7	244.7
67.5°	404.8	396.1	387.1	377.3	366.2	355.0	344.0	332.7	319.2	304.0	286.2
65°	445.3	437.4	429.7	419.3	408.0	395.9	383.8	370.9	357.3	343.3	326.4
62.5°	477.0	469.2	461.6	452.7	443.1	432.9	420.9	406.6	392.0	376.8	359.4
60°	502.4	496.2	488.6	480.4	471.5	461.6	449.3	437.0	424.7	408.0	390.5
57.5°	522.6	517.4	510.1	502.7	495.4	485.3	473.7	461.6	448.1	434.7	419.6
55°	538.8	534.1	527.8	520.6	512.4	504.0	494.7	483.1	470.0	457.4	442.3
52.5°	552.6	548.0	542.7	537.0	529.3	520.7	511.6	500.9	490.1	477.2	463.2
50°	563.7	559.8	555.0	549.2	542.7	535.9	527.0	516.9	507.1	495.3	481.6
47.5°	577.2	572.8	567.2	561.3	554.6	547.1	539.4	531.9	522.2	511.8	498.3
45°	595.4	589.2	582.0	575.1	567.3	559.3	550.3	543.3	535.8	525.5	514.2
42.5°	621.4	611.2	601.8	591.8	581.2	572.3	563.3	555.0	547.0	538.0	526.3
40°	662.0	640.4	627.2	612.7	599.8	586.2	576.4	566.4	557.8	549.0	537.5
37.5°	714.1	687.0	662.4	638.6	621.9	605.6	591.4	579.5	567.7	558.3	547.1
35°	770.4	738.0	707.7	677.5	647.8	627.7	608.7	593.7	580.0	567.1	556.0
32.5°	839.5	800.3	761.0	723.9	686.0	653.7	629.7	608.8	591.9	577.3	564.4
30°	918.1	868.8	821.8	775.5	729.4	687.8	653.1	626.5	604.5	587.0	572.9
27.5°	1026.3	940.5	884.5	828.7	774.1	725.2	683.0	645.6	618.0	597.6	581.0
25°	1211.2	1054.3	954.0	885.8	822.6	764.2	714.9	671.0	634.8	607.9	587.2
22.5°	1513.1	1244.6	1055.5	945.7	873.0	808.5	750.4	697.7	650.2	617.6	594.3
20°	2097.5	1516.1	1216.9	1030.3	920.4	849.8	785.5	725.7	670.8	628.3	600.4
17.5°	3132.5	2006.4	1404.7	1125.3	976.6	887.0	818.7	751.5	690.0	637.1	605.3
15°	4383.5	2683.1	1745.9	1273.9	1038.3	917.7	847.9	774.9	708.6	648.8	611.8
12.5°	6157.1	3429.4	2042.2	1393.8	1105.2	955.2	872.6	798.0	725.9	661.4	617.4
10°	7635.3	4317.6	2512.9	1615.6	1194.5	995.0	890.5	811.7	735.6	670.3	621.0
7.5°	9489.6	5306.6	2932.7	1780.4	1262.3	1023.5	901.3	819.1	740.8	675.8	622.9
5°	10660.4	5960.4	3213.3	1904.4	1312.5	1042.8	909.0	821.9	741.8	678.0	623.3
2.5°	11484.4	6296.5	3341.2	1972.5	1341.0	1051.3	912.8	823.8	745.4	680.0	626.5
0°	11621.4	6553.6	3359.5	1988.0	1344.4	1046.6	911.3	824.1	748.9	679.7	628.6
-2.5°	11484.4	6296.5	3341.2	1972.5	1341.0	1051.3	912.8	823.8	745.4	680.0	626.5
-5°	10660.4	5960.4	3213.3	1904.4	1312.5	1042.8	909.0	821.9	741.8	678.0	623.3
-7.5°	9489.6	5306.6	2932.7	1780.4	1262.3	1023.5	901.3	819.1	740.8	675.8	622.9
-10°	7635.3	4317.6	2512.9	1615.6	1194.5	995.0	890.5	811.7	735.6	670.3	621.0
-12.5°	6157.1	3429.4	2042.2	1393.8	1105.2	955.2	872.6	798.0	725.9	661.4	617.4
-15°	4383.5	2683.1	1745.9	1273.9	1038.3	917.7	847.9	774.9	708.6	648.8	611.8
-17.5°	3132.5	2006.4	1404.7	1125.3	976.6	887.0	818.7	751.5	690.0	637.1	605.3
-20°	2097.5	1516.1	1216.9	1030.3	920.4	849.8	785.5	725.7	670.8	628.3	600.4



REPORT NUMBER: P559240 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1513.1	1244.6	1055.5	945.7	873.0	808.5	750.4	697.7	650.2	617.6	594.3
-25°	1211.2	1054.3	954.0	885.8	822.6	764.2	714.9	671.0	634.8	607.9	587.2
-27.5°	1026.3	940.5	884.5	828.7	774.1	725.2	683.0	645.6	618.0	597.6	581.0
-30°	918.1	868.8	821.8	775.5	729.4	687.8	653.1	626.5	604.5	587.0	572.9
-32.5°	839.5	800.3	761.0	723.9	686.0	653.7	629.7	608.8	591.9	577.3	564.4
-35°	770.4	738.0	707.7	677.5	647.8	627.7	608.7	593.7	580.0	567.1	556.0
-37.5°	714.1	687.0	662.4	638.6	621.9	605.6	591.4	579.5	567.7	558.3	547.1
-40°	662.0	640.4	627.2	612.7	599.8	586.2	576.4	566.4	557.8	549.0	537.5
-42.5°	621.4	611.2	601.8	591.8	581.2	572.3	563.3	555.0	547.0	538.0	526.3
-45°	595.4	589.2	582.0	575.1	567.3	559.3	550.3	543.3	535.8	525.5	514.2
-47.5°	577.2	572.8	567.2	561.3	554.6	547.1	539.4	531.9	522.2	511.8	498.3
-50°	563.7	559.8	555.0	549.2	542.7	535.9	527.0	516.9	507.1	495.3	481.6
-52.5°	552.6	548.0	542.7	537.0	529.3	520.7	511.6	500.9	490.1	477.2	463.2
-55°	538.8	534.1	527.8	520.6	512.4	504.0	494.7	483.1	470.0	457.4	442.3
-57.5°	522.6	517.4	510.1	502.7	495.4	485.3	473.7	461.6	448.1	434.7	419.6
-60°	502.4	496.2	488.6	480.4	471.5	461.6	449.3	437.0	424.7	408.0	390.5
-62.5°	477.0	469.2	461.6	452.7	443.1	432.9	420.9	406.6	392.0	376.8	359.4
-65°	445.3	437.4	429.7	419.3	408.0	395.9	383.8	370.9	357.3	343.3	326.4
-67.5°	404.8	396.1	387.1	377.3	366.2	355.0	344.0	332.7	319.2	304.0	286.2
-70°	355.1	346.4	337.8	329.5	320.6	310.8	300.0	288.1	275.2	260.7	244.7
-72.5°	300.2	293.5	286.6	279.5	271.7	262.5	252.0	240.4	228.2	215.3	202.4
-75°	243.0	237.7	231.7	225.0	217.7	209.8	201.0	191.6	182.2	172.7	162.6
-77.5°	184.7	180.7	176.0	170.5	164.3	157.4	150.1	143.8	137.3	130.0	121.6
-80°	130.1	127.3	123.9	119.7	115.1	110.2	105.0	99.6	93.5	87.6	82.3
-82.5°	83.1	81.2	79.1	76.6	73.8	70.7	67.2	63.5	59.4	55.1	50.5
-85°	47.1	46.0	44.9	43.2	41.5	39.9	38.3	36.5	34.6	32.8	31.0
-87.5°	16.9	16.6	16.3	16.7	16.9	17.1	17.3	16.7	16.2	15.6	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: P559240 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-U-TS-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°	14.3	13.6	12.8	12.1	11.3	10.5	9.7	8.9	8.1	7.2	6.3
85°	29.8	28.4	26.8	25.1	23.2	21.1	19.5	17.8	16.1	14.4	12.7
82.5°	47.0	44.8	42.8	40.6	38.5	36.1	33.2	29.8	25.8	21.8	19.0
80°	77.3	72.1	66.7	61.2	55.8	51.1	47.7	43.6	38.0	32.5	27.2
77.5°	112.3	103.2	94.2	86.4	78.4	70.9	64.1	57.5	50.0	43.0	36.2
75°	151.0	139.0	127.3	115.4	102.9	90.4	81.1	72.5	63.3	53.6	45.1
72.5°	189.4	175.5	160.9	145.5	131.1	116.2	101.1	87.3	77.0	66.0	54.5
70°	228.4	212.2	195.9	178.2	160.0	142.1	124.9	107.5	90.6	78.3	65.5
67.5°	267.4	248.5	229.8	210.4	189.9	169.3	148.7	128.6	109.3	90.6	76.4
65°	305.7	284.4	262.5	241.4	219.2	196.1	173.1	149.7	127.5	106.5	87.1
62.5°	340.8	320.2	296.3	272.4	248.1	223.0	197.0	171.5	145.6	121.9	99.6
60°	371.9	350.8	328.9	303.6	276.9	249.7	221.5	192.8	164.8	136.8	112.4
57.5°	400.0	379.8	357.2	332.9	305.5	276.0	245.6	214.4	183.6	153.1	124.9
55°	425.9	405.5	383.9	359.3	332.2	301.8	269.2	235.8	202.1	169.4	137.1
52.5°	447.0	428.9	407.6	383.9	356.5	326.5	292.4	256.6	220.8	185.1	150.9
50°	466.1	449.1	429.1	405.5	379.7	348.5	315.1	277.3	238.9	200.7	164.4
47.5°	483.4	467.0	448.1	425.7	399.2	369.8	335.3	297.4	256.4	216.2	177.3
45°	498.8	482.9	465.1	443.2	418.0	388.1	354.1	317.0	274.0	231.3	189.7
42.5°	513.0	496.9	479.5	460.3	434.2	405.0	372.2	333.7	291.0	245.8	202.0
40°	524.1	509.3	492.7	473.0	449.3	421.4	387.5	349.4	307.3	259.8	214.1
37.5°	534.6	519.9	503.5	485.0	463.0	434.7	401.9	364.3	322.1	273.4	225.6
35°	543.3	529.3	513.1	495.1	473.5	447.3	415.9	377.8	334.5	286.3	236.4
32.5°	551.5	537.5	521.0	503.2	483.6	459.3	427.7	389.3	346.1	298.2	246.6
30°	559.0	543.9	528.4	510.7	492.2	468.1	437.7	400.1	357.0	309.3	256.1
27.5°	565.2	549.5	534.9	517.1	498.5	476.1	446.8	410.1	367.0	319.0	265.1
25°	571.0	554.7	539.5	522.9	504.1	483.5	455.3	419.1	375.5	327.1	273.3
22.5°	576.1	559.4	543.4	528.1	508.9	490.3	462.2	426.0	382.9	334.5	280.6
20°	580.7	563.5	546.6	532.1	513.1	494.4	467.7	432.2	389.5	341.0	287.2
17.5°	584.7	567.1	549.7	534.4	516.6	497.9	472.7	437.8	395.3	346.8	292.9
15°	588.3	569.8	552.5	536.4	519.4	500.8	477.2	442.7	400.2	351.8	297.9
12.5°	591.3	571.7	554.6	537.9	521.5	503.1	481.0	446.8	404.3	355.9	302.0
10°	593.7	572.8	556.2	538.9	523.0	504.8	484.2	450.1	407.6	359.2	305.2
7.5°	595.4	573.1	557.1	539.5	524.1	506.2	486.2	452.4	410.0	361.7	307.6
5°	596.8	573.9	558.2	540.5	525.3	507.3	487.3	453.8	411.5	363.3	309.1
2.5°	599.6	575.9	559.1	541.2	526.0	508.0	487.6	454.4	412.2	364.0	309.9
0°	601.5	577.5	559.4	541.4	526.3	508.3	487.2	454.1	412.0	363.9	309.8
-2.5°	599.6	575.9	559.1	541.2	526.0	508.0	487.6	454.4	412.2	364.0	309.9
-5°	596.8	573.9	558.2	540.5	525.3	507.3	487.3	453.8	411.5	363.3	309.1
-7.5°	595.4	573.1	557.1	539.5	524.1	506.2	486.2	452.4	410.0	361.7	307.6
-10°	593.7	572.8	556.2	538.9	523.0	504.8	484.2	450.1	407.6	359.2	305.2
-12.5°	591.3	571.7	554.6	537.9	521.5	503.1	481.0	446.8	404.3	355.9	302.0
-15°	588.3	569.8	552.5	536.4	519.4	500.8	477.2	442.7	400.2	351.8	297.9
-17.5°	584.7	567.1	549.7	534.4	516.6	497.9	472.7	437.8	395.3	346.8	292.9
-20°	580.7	563.5	546.6	532.1	513.1	494.4	467.7	432.2	389.5	341.0	287.2



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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°	576.1	559.4	543.4	528.1	508.9	490.3	462.2	426.0	382.9	334.5	280.6
-25°	571.0	554.7	539.5	522.9	504.1	483.5	455.3	419.1	375.5	327.1	273.3
-27.5°	565.2	549.5	534.9	517.1	498.5	476.1	446.8	410.1	367.0	319.0	265.1
-30°	559.0	543.9	528.4	510.7	492.2	468.1	437.7	400.1	357.0	309.3	256.1
-32.5°	551.5	537.5	521.0	503.2	483.6	459.3	427.7	389.3	346.1	298.2	246.6
-35°	543.3	529.3	513.1	495.1	473.5	447.3	415.9	377.8	334.5	286.3	236.4
-37.5°	534.6	519.9	503.5	485.0	463.0	434.7	401.9	364.3	322.1	273.4	225.6
-40°	524.1	509.3	492.7	473.0	449.3	421.4	387.5	349.4	307.3	259.8	214.1
-42.5°	513.0	496.9	479.5	460.3	434.2	405.0	372.2	333.7	291.0	245.8	202.0
-45°	498.8	482.9	465.1	443.2	418.0	388.1	354.1	317.0	274.0	231.3	189.7
-47.5°	483.4	467.0	448.1	425.7	399.2	369.8	335.3	297.4	256.4	216.2	177.3
-50°	466.1	449.1	429.1	405.5	379.7	348.5	315.1	277.3	238.9	200.7	164.4
-52.5°	447.0	428.9	407.6	383.9	356.5	326.5	292.4	256.6	220.8	185.1	150.9
-55°	425.9	405.5	383.9	359.3	332.2	301.8	269.2	235.8	202.1	169.4	137.1
-57.5°	400.0	379.8	357.2	332.9	305.5	276.0	245.6	214.4	183.6	153.1	124.9
-60°	371.9	350.8	328.9	303.6	276.9	249.7	221.5	192.8	164.8	136.8	112.4
-62.5°	340.8	320.2	296.3	272.4	248.1	223.0	197.0	171.5	145.6	121.9	99.6
-65°	305.7	284.4	262.5	241.4	219.2	196.1	173.1	149.7	127.5	106.5	87.1
-67.5°	267.4	248.5	229.8	210.4	189.9	169.3	148.7	128.6	109.3	90.6	76.4
-70°	228.4	212.2	195.9	178.2	160.0	142.1	124.9	107.5	90.6	78.3	65.5
-72.5°	189.4	175.5	160.9	145.5	131.1	116.2	101.1	87.3	77.0	66.0	54.5
-75°	151.0	139.0	127.3	115.4	102.9	90.4	81.1	72.5	63.3	53.6	45.1
-77.5°	112.3	103.2	94.2	86.4	78.4	70.9	64.1	57.5	50.0	43.0	36.2
-80°	77.3	72.1	66.7	61.2	55.8	51.1	47.7	43.6	38.0	32.5	27.2
-82.5°	47.0	44.8	42.8	40.6	38.5	36.1	33.2	29.8	25.8	21.8	19.0
-85°	29.8	28.4	26.8	25.1	23.2	21.1	19.5	17.8	16.1	14.4	12.7
-87.5°	14.3	13.6	12.8	12.1	11.3	10.5	9.7	8.9	8.1	7.2	6.3
-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°	5.5	4.7	3.9	3.0	2.1	1.1	0.0
85°	10.9	9.5	7.8	6.1	4.2	2.1	0.0
82.5°	16.4	14.2	11.8	9.1	6.3	3.1	0.0
80°	22.1	18.9	15.7	12.1	8.4	4.2	0.0
77.5°	29.7	24.2	19.5	15.2	10.4	5.2	0.0
75°	37.3	30.5	23.6	18.1	12.5	6.2	0.0
72.5°	44.9	36.8	28.7	21.1	14.5	7.2	0.0
70°	52.6	43.0	33.6	24.2	16.5	8.2	0.0
67.5°	62.0	49.1	38.5	27.9	18.4	9.2	0.0
65°	71.3	56.0	43.4	31.5	20.3	10.2	0.0
62.5°	80.4	63.4	48.1	35.1	22.2	11.1	0.0
60°	89.2	70.7	52.8	38.6	24.1	12.0	0.0
57.5°	99.7	77.8	58.3	42.0	26.3	12.9	0.0
55°	110.2	84.6	63.8	45.3	28.5	13.8	0.0
52.5°	120.4	91.6	69.0	48.5	30.6	14.7	0.0
50°	130.2	99.8	74.1	51.6	32.6	15.5	0.0
47.5°	140.0	107.7	79.0	54.8	34.6	16.3	0.0
45°	150.6	115.3	83.6	58.3	36.5	17.0	0.0
42.5°	160.7	122.6	88.1	61.6	38.3	17.8	0.0
40°	170.3	129.6	93.0	64.7	40.0	18.5	0.0
37.5°	179.4	136.2	98.3	67.6	41.7	19.1	0.0
35°	187.9	143.1	103.3	70.3	43.2	19.7	0.0
32.5°	196.1	149.7	108.0	72.9	44.7	20.3	0.0
30°	204.2	155.9	112.4	75.2	46.0	20.9	0.0
27.5°	211.7	161.6	116.3	77.3	47.3	21.4	0.0
25°	218.6	166.9	120.0	79.2	48.5	21.8	0.0
22.5°	224.8	171.6	123.4	80.9	49.5	22.3	0.0
20°	230.5	175.9	126.4	82.4	50.5	22.6	0.0
17.5°	235.5	179.8	129.2	83.7	51.3	23.0	0.0
15°	240.0	183.1	131.6	84.8	52.1	23.3	0.0
12.5°	243.9	186.0	133.6	85.7	52.7	23.5	0.0
10°	247.0	188.3	135.3	86.4	53.2	23.7	0.0
7.5°	249.4	190.1	136.7	86.9	53.6	23.9	0.0
5°	251.2	191.5	137.6	87.2	53.9	24.0	0.0
2.5°	252.2	192.2	138.2	87.3	54.0	24.1	0.0
0°	252.6	192.5	138.4	87.2	54.1	24.1	0.0
-2.5°	252.2	192.2	138.2	87.3	54.0	24.1	0.0
-5°	251.2	191.5	137.6	87.2	53.9	24.0	0.0
-7.5°	249.4	190.1	136.7	86.9	53.6	23.9	0.0
-10°	247.0	188.3	135.3	86.4	53.2	23.7	0.0
-12.5°	243.9	186.0	133.6	85.7	52.7	23.5	0.0
-15°	240.0	183.1	131.6	84.8	52.1	23.3	0.0
-17.5°	235.5	179.8	129.2	83.7	51.3	23.0	0.0
-20°	230.5	175.9	126.4	82.4	50.5	22.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	224.8	171.6	123.4	80.9	49.5	22.3	0.0
-25°	218.6	166.9	120.0	79.2	48.5	21.8	0.0
-27.5°	211.7	161.6	116.3	77.3	47.3	21.4	0.0
-30°	204.2	155.9	112.4	75.2	46.0	20.9	0.0
-32.5°	196.1	149.7	108.0	72.9	44.7	20.3	0.0
-35°	187.9	143.1	103.3	70.3	43.2	19.7	0.0
-37.5°	179.4	136.2	98.3	67.6	41.7	19.1	0.0
-40°	170.3	129.6	93.0	64.7	40.0	18.5	0.0
-42.5°	160.7	122.6	88.1	61.6	38.3	17.8	0.0
-45°	150.6	115.3	83.6	58.3	36.5	17.0	0.0
-47.5°	140.0	107.7	79.0	54.8	34.6	16.3	0.0
-50°	130.2	99.8	74.1	51.6	32.6	15.5	0.0
-52.5°	120.4	91.6	69.0	48.5	30.6	14.7	0.0
-55°	110.2	84.6	63.8	45.3	28.5	13.8	0.0
-57.5°	99.7	77.8	58.3	42.0	26.3	12.9	0.0
-60°	89.2	70.7	52.8	38.6	24.1	12.0	0.0
-62.5°	80.4	63.4	48.1	35.1	22.2	11.1	0.0
-65°	71.3	56.0	43.4	31.5	20.3	10.2	0.0
-67.5°	62.0	49.1	38.5	27.9	18.4	9.2	0.0
-70°	52.6	43.0	33.6	24.2	16.5	8.2	0.0
-72.5°	44.9	36.8	28.7	21.1	14.5	7.2	0.0
-75°	37.3	30.5	23.6	18.1	12.5	6.2	0.0
-77.5°	29.7	24.2	19.5	15.2	10.4	5.2	0.0
-80°	22.1	18.9	15.7	12.1	8.4	4.2	0.0
-82.5°	16.4	14.2	11.8	9.1	6.3	3.1	0.0
-85°	10.9	9.5	7.8	6.1	4.2	2.1	0.0
-87.5°	5.5	4.7	3.9	3.0	2.1	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)