

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: P559236 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559236 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-4)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6E-930-U-MR-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (96) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

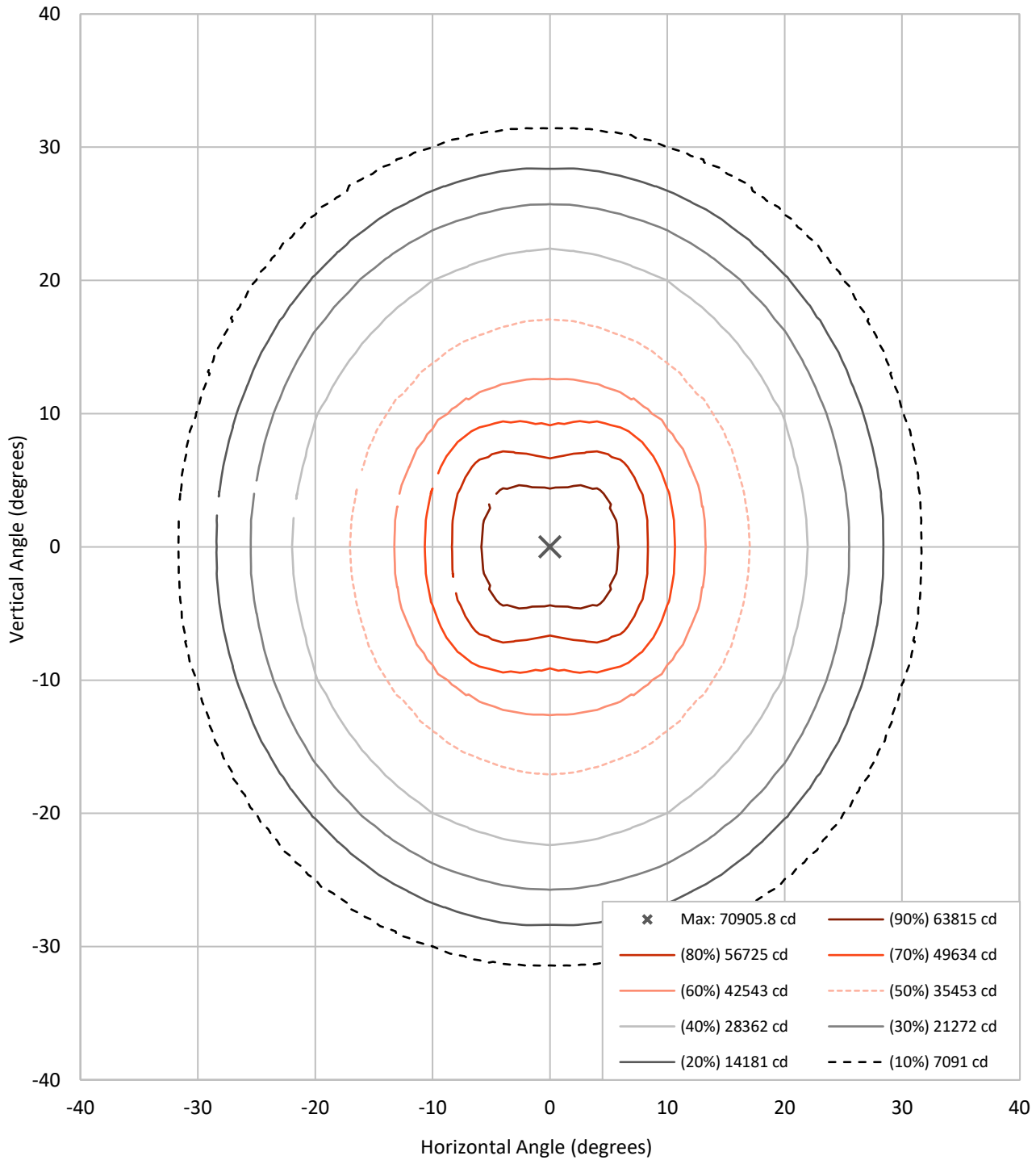
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	31366.7 lumens	Max Intensity:	70905.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	85.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	13360.2 lumens	Field Lumens:	27305.6 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

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





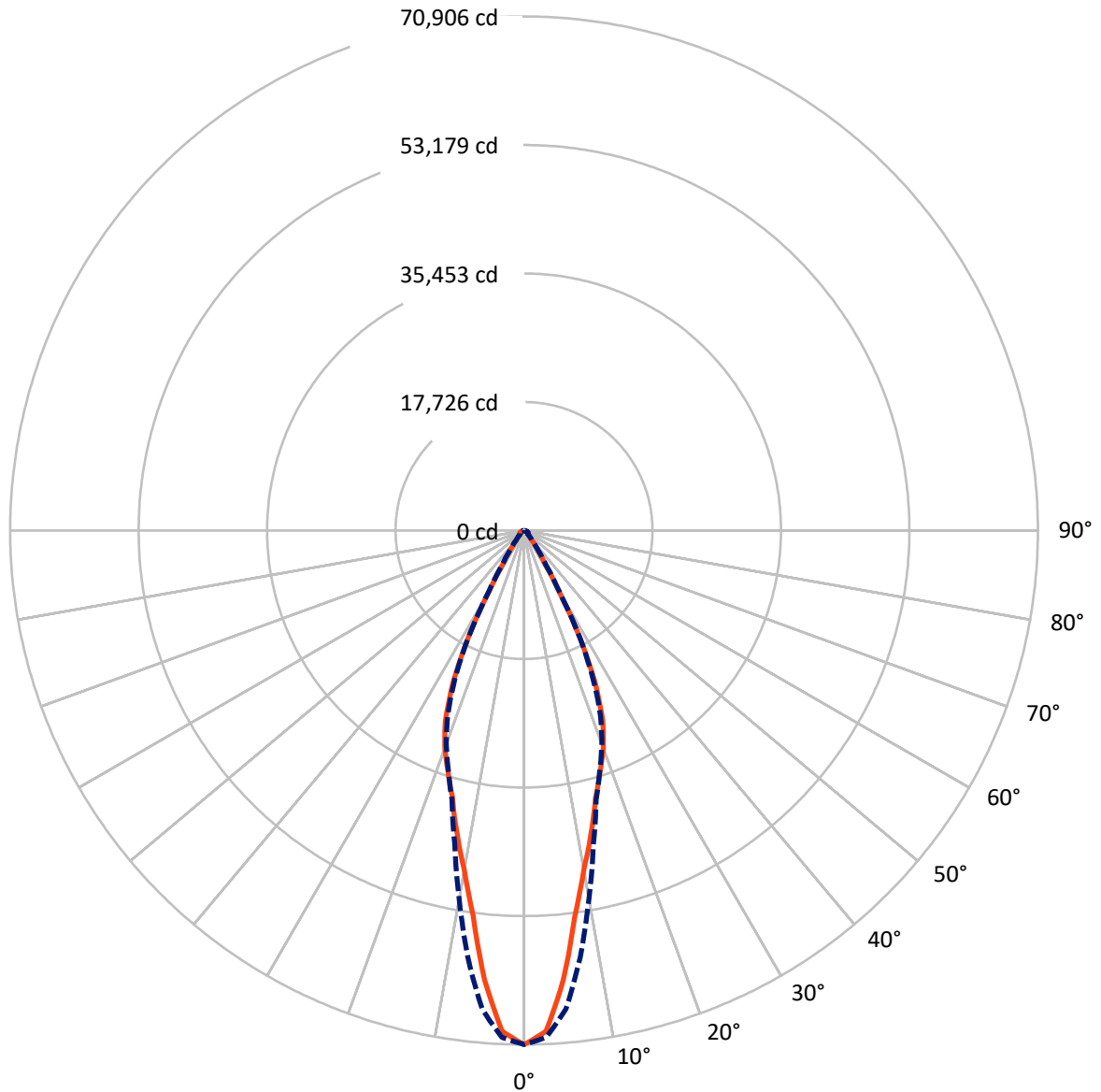
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Lumen Table

90																			
80	0.4	3.5		9.7		16.0		18.7		16.0		9.7		3.5		0.4			
70																			
60	1.6	1.8	4.0	6.9	10.1	13.0	15.3	16.6	16.6	15.3	13.0	10.1	6.9	4.0	1.8	1.6			
50		2.9	6.4	11.1	15.1	17.1	18.1	18.5	18.5	18.1	17.1	15.1	11.1	6.4	2.9				
40	3.0	4.1	8.9	13.4	15.6	19.3	24.8	28.6	28.6	24.8	19.3	15.6	13.4	8.9	4.1	3.0			
30		5.1	10.4	13.5	20.3	40.0	76.0	116.1	116.1	76.0	40.0	20.3	13.5	10.4	5.1				
20	4.1	6.0	10.7	15.0	36.8	122.0	383.8	631.9	631.9	383.8	122.0	36.8	15.0	10.7	6.0	4.1			
10		6.6	10.7	18.5	68.6	361.8	854.9	1132.3	1132.3	854.9	361.8	68.6	18.5	10.7	6.6				
0	4.5	6.9	10.7	21.4	104.2	569.9	1111.8	1754.4	1754.4	1111.8	569.9	104.2	21.4	10.7	6.9	4.5			
-10		6.9	10.7	21.4	104.2	569.9	1111.8	1754.4	1754.4	1111.8	569.9	104.2	21.4	10.7	6.9				
-20	4.1	6.6	10.7	18.5	68.6	361.8	854.9	1132.3	1132.3	854.9	361.8	68.6	18.5	10.7	6.6	4.1			
-30		6.0	10.7	15.0	36.8	122.0	383.8	631.9	631.9	383.8	122.0	36.8	15.0	10.7	6.0				
-40	3.0	5.1	10.4	13.5	20.3	40.0	76.0	116.1	116.1	76.0	40.0	20.3	13.5	10.4	5.1	3.0			
-50		4.1	8.9	13.4	15.6	19.3	24.8	28.6	28.6	24.8	19.3	15.6	13.4	8.9	4.1				
-60	1.6	2.9	6.4	11.1	15.1	17.1	18.1	18.5	18.5	18.1	17.1	15.1	11.1	6.4	2.9	1.6			
-70		1.8	4.0	6.9	10.1	13.0	15.3	16.6	16.6	15.3	13.0	10.1	6.9	4.0	1.8				
-80																			
-90	0.4	3.5		9.7		16.0		18.7		16.0		9.7		3.5		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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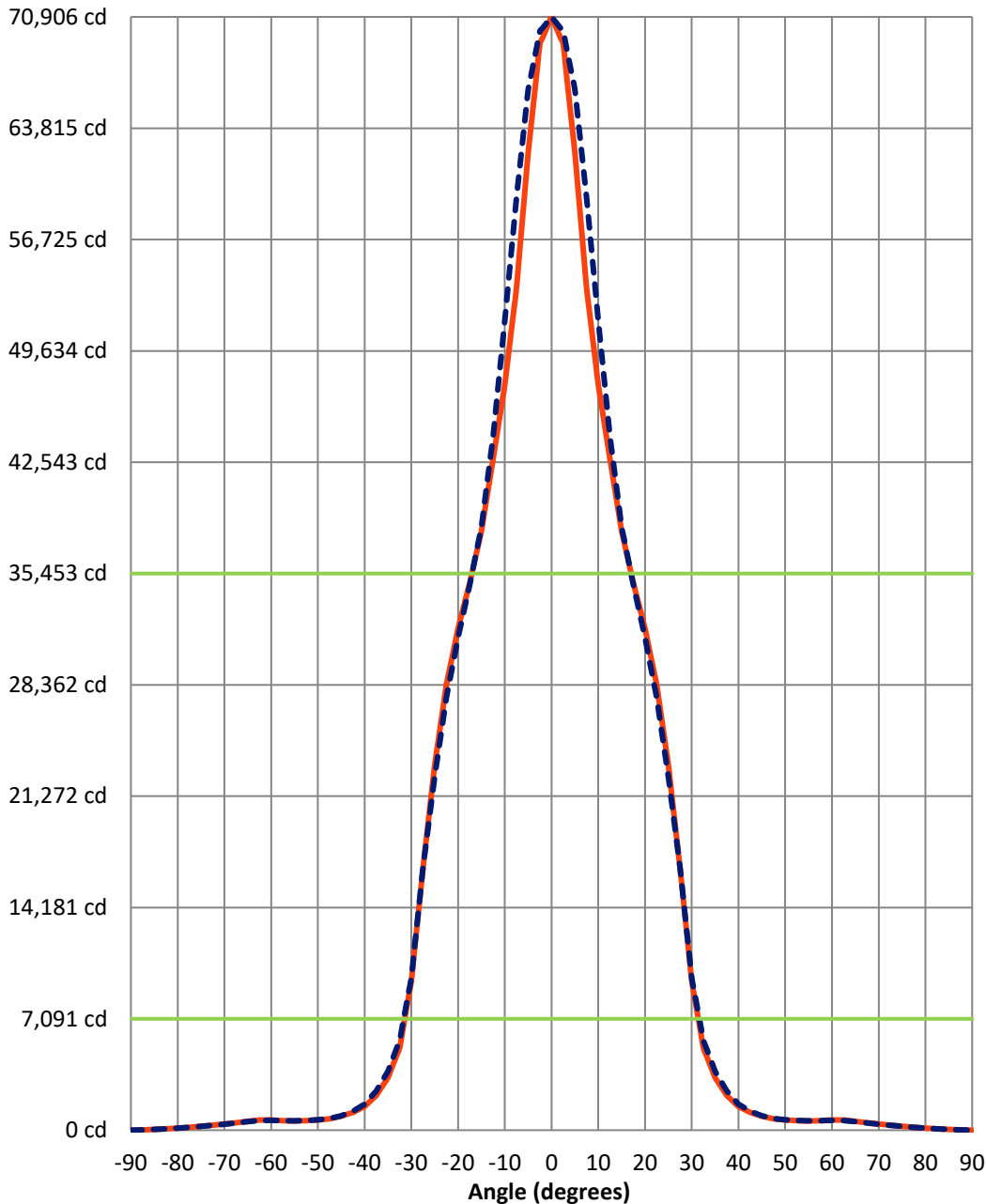
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 34°
V Angle: 34.1°
Lumens: 13360.2
Efficiency: 42.6%

Field:
H Angle: 63.3°
V Angle: 62.8°
Lumens: 27305.6
Efficiency: 87.1%

Spill:
Lumens: 4061.1
Efficiency: 12.9%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.8	1.6	2.3	3.1	3.9	4.7	5.4	6.2	6.9	7.6
85°	0.0	1.6	3.1	4.7	6.2	7.8	9.3	10.8	12.3	13.8	15.2
82.5°	0.0	2.3	4.7	7.0	9.4	11.7	13.9	16.2	18.7	22.5	26.0
80°	0.0	3.1	6.2	9.4	12.4	15.5	19.0	24.4	29.5	34.2	38.6
77.5°	0.0	3.9	7.8	11.7	15.5	20.4	27.4	34.0	40.2	45.9	51.8
75°	0.0	4.7	9.3	13.9	19.0	27.2	35.7	43.5	50.9	58.7	66.7
72.5°	0.0	5.4	10.8	16.2	24.2	33.9	43.8	53.1	62.3	71.7	81.4
70°	0.0	6.2	12.3	18.7	29.4	40.4	51.9	62.8	73.5	84.6	98.8
67.5°	0.0	6.9	13.8	22.5	34.4	46.9	60.0	72.3	84.6	100.8	116.8
65°	0.0	7.6	15.2	26.1	39.4	53.5	68.1	81.5	98.8	116.8	135.9
62.5°	0.0	8.3	16.6	29.7	44.3	60.4	76.0	92.9	112.8	133.4	158.0
60°	0.0	9.0	18.0	33.2	49.0	67.1	83.9	104.9	126.5	152.9	179.6
57.5°	0.0	9.7	20.3	36.6	54.4	73.8	93.8	116.7	142.8	172.0	201.7
55°	0.0	10.3	22.5	39.8	59.7	80.3	103.7	128.2	159.3	190.8	223.6
52.5°	0.0	11.0	24.7	43.0	64.9	87.0	113.3	142.0	175.5	209.4	244.6
50°	0.0	11.6	26.8	46.1	70.0	94.8	122.7	155.5	191.1	227.3	266.7
47.5°	0.0	12.2	28.8	49.2	75.0	102.3	132.0	168.5	206.1	244.4	288.5
45°	0.0	12.7	30.8	52.8	79.8	109.5	142.5	180.8	220.6	263.5	309.8
42.5°	0.0	13.3	32.7	56.3	84.5	116.5	152.5	192.8	234.5	282.2	331.7
40°	0.0	13.8	34.6	59.7	89.4	123.1	161.9	204.5	248.8	300.2	352.9
37.5°	0.0	14.3	36.3	62.9	94.4	129.5	170.8	215.6	264.0	317.6	373.2
35°	0.0	14.7	38.0	65.9	99.2	136.1	179.1	226.3	278.3	334.5	392.6
32.5°	0.0	15.2	39.6	68.7	103.7	142.6	187.0	236.4	291.6	350.5	411.2
30°	0.0	15.6	41.1	71.3	107.9	148.6	195.0	246.2	304.1	365.4	428.6
27.5°	0.0	16.0	42.5	73.6	111.5	154.1	202.5	256.2	315.8	379.2	444.8
25°	0.0	16.3	43.9	75.7	114.8	159.2	209.4	265.4	327.0	392.3	459.7
22.5°	0.0	16.6	45.1	77.5	117.8	163.6	215.7	273.8	337.3	404.4	474.7
20°	0.0	16.9	46.2	79.2	120.4	167.4	221.4	281.2	346.4	415.3	488.1
17.5°	0.0	17.2	47.2	80.6	122.7	170.8	226.5	287.8	354.6	424.9	499.8
15°	0.0	17.4	48.1	81.7	124.7	173.6	230.9	293.5	361.6	433.3	509.9
12.5°	0.0	17.6	48.9	82.7	126.3	176.0	234.7	298.5	367.5	440.3	518.3
10°	0.0	17.7	49.6	83.4	127.6	177.9	237.9	302.5	372.1	446.7	525.8
7.5°	0.0	17.8	50.1	83.9	128.5	179.3	240.3	305.7	375.6	452.1	533.5
5°	0.0	17.9	50.6	84.2	129.1	180.2	242.1	308.0	377.9	456.1	539.8
2.5°	0.0	18.0	50.9	84.3	129.4	180.6	243.2	309.3	379.0	458.9	544.4
0°	0.0	18.0	51.1	84.2	129.3	180.5	243.6	309.8	379.0	460.2	547.4
-2.5°	0.0	18.0	50.9	84.3	129.4	180.6	243.2	309.3	379.0	458.9	544.4
-5°	0.0	17.9	50.6	84.2	129.1	180.2	242.1	308.0	377.9	456.1	539.8
-7.5°	0.0	17.8	50.1	83.9	128.5	179.3	240.3	305.7	375.6	452.1	533.5
-10°	0.0	17.7	49.6	83.4	127.6	177.9	237.9	302.5	372.1	446.7	525.8
-12.5°	0.0	17.6	48.9	82.7	126.3	176.0	234.7	298.5	367.5	440.3	518.3
-15°	0.0	17.4	48.1	81.7	124.7	173.6	230.9	293.5	361.6	433.3	509.9
-17.5°	0.0	17.2	47.2	80.6	122.7	170.8	226.5	287.8	354.6	424.9	499.8
-20°	0.0	16.9	46.2	79.2	120.4	167.4	221.4	281.2	346.4	415.3	488.1



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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	16.6	45.1	77.5	117.8	163.6	215.7	273.8	337.3	404.4	474.7
-25°	0.0	16.3	43.9	75.7	114.8	159.2	209.4	265.4	327.0	392.3	459.7
-27.5°	0.0	16.0	42.5	73.6	111.5	154.1	202.5	256.2	315.8	379.2	444.8
-30°	0.0	15.6	41.1	71.3	107.9	148.6	195.0	246.2	304.1	365.4	428.6
-32.5°	0.0	15.2	39.6	68.7	103.7	142.6	187.0	236.4	291.6	350.5	411.2
-35°	0.0	14.7	38.0	65.9	99.2	136.1	179.1	226.3	278.3	334.5	392.6
-37.5°	0.0	14.3	36.3	62.9	94.4	129.5	170.8	215.6	264.0	317.6	373.2
-40°	0.0	13.8	34.6	59.7	89.4	123.1	161.9	204.5	248.8	300.2	352.9
-42.5°	0.0	13.3	32.7	56.3	84.5	116.5	152.5	192.8	234.5	282.2	331.7
-45°	0.0	12.7	30.8	52.8	79.8	109.5	142.5	180.8	220.6	263.5	309.8
-47.5°	0.0	12.2	28.8	49.2	75.0	102.3	132.0	168.5	206.1	244.4	288.5
-50°	0.0	11.6	26.8	46.1	70.0	94.8	122.7	155.5	191.1	227.3	266.7
-52.5°	0.0	11.0	24.7	43.0	64.9	87.0	113.3	142.0	175.5	209.4	244.6
-55°	0.0	10.3	22.5	39.8	59.7	80.3	103.7	128.2	159.3	190.8	223.6
-57.5°	0.0	9.7	20.3	36.6	54.4	73.8	93.8	116.7	142.8	172.0	201.7
-60°	0.0	9.0	18.0	33.2	49.0	67.1	83.9	104.9	126.5	152.9	179.6
-62.5°	0.0	8.3	16.6	29.7	44.3	60.4	76.0	92.9	112.8	133.4	158.0
-65°	0.0	7.6	15.2	26.1	39.4	53.5	68.1	81.5	98.8	116.8	135.9
-67.5°	0.0	6.9	13.8	22.5	34.4	46.9	60.0	72.3	84.6	100.8	116.8
-70°	0.0	6.2	12.3	18.7	29.4	40.4	51.9	62.8	73.5	84.6	98.8
-72.5°	0.0	5.4	10.8	16.2	24.2	33.9	43.8	53.1	62.3	71.7	81.4
-75°	0.0	4.7	9.3	13.9	19.0	27.2	35.7	43.5	50.9	58.7	66.7
-77.5°	0.0	3.9	7.8	11.7	15.5	20.4	27.4	34.0	40.2	45.9	51.8
-80°	0.0	3.1	6.2	9.4	12.4	15.5	19.0	24.4	29.5	34.2	38.6
-82.5°	0.0	2.3	4.7	7.0	9.4	11.7	13.9	16.2	18.7	22.5	26.0
-85°	0.0	1.6	3.1	4.7	6.2	7.8	9.3	10.8	12.3	13.8	15.2
-87.5°	0.0	0.8	1.6	2.3	3.1	3.9	4.7	5.4	6.2	6.9	7.6
-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°	8.3	9.0	9.7	10.3	11.0	11.6	12.2	12.7	13.3	13.8	14.3
85°	16.6	18.0	20.2	22.4	24.4	26.1	27.8	29.2	30.8	32.4	33.9
82.5°	29.5	33.0	36.3	39.6	42.2	44.5	46.9	50.1	53.9	57.5	61.0
80°	43.3	47.9	53.5	59.3	64.4	69.5	74.6	79.7	84.8	90.1	95.4
77.5°	58.9	66.3	73.7	81.3	88.6	97.0	105.4	113.8	121.3	128.0	134.1
75°	75.4	84.5	95.5	106.8	117.6	128.2	138.9	150.5	160.8	170.0	178.7
72.5°	93.4	106.6	119.9	133.2	148.2	162.6	176.6	190.0	202.3	213.8	225.3
70°	113.3	128.6	146.3	164.4	181.7	198.2	214.3	229.4	243.7	258.8	275.0
67.5°	133.8	154.7	175.3	195.6	215.9	234.6	252.2	271.8	291.1	310.1	328.3
65°	158.1	181.2	204.9	228.2	250.3	273.0	295.6	317.9	340.6	362.2	382.4
62.5°	182.2	209.0	235.3	261.0	287.4	313.1	339.6	365.7	390.9	417.2	442.4
60°	207.8	237.0	265.8	294.8	324.3	355.1	384.6	415.3	446.2	475.9	504.5
57.5°	233.0	264.7	296.3	329.1	363.5	397.5	432.4	466.8	502.2	536.0	565.5
55°	257.7	291.9	327.3	365.0	402.8	441.7	480.7	520.8	558.9	587.4	614.2
52.5°	282.4	319.2	359.9	400.8	442.8	486.5	531.8	570.6	602.3	626.7	632.5
50°	306.7	348.8	391.8	436.7	483.2	532.6	576.0	611.0	628.8	635.7	632.1
47.5°	332.4	377.6	423.7	472.2	524.1	571.4	612.3	630.1	638.7	629.4	618.0
45°	357.8	406.2	455.1	508.2	560.2	604.8	627.8	640.5	629.1	618.1	610.2
42.5°	382.2	434.1	487.6	542.3	590.7	622.3	636.7	629.5	619.7	611.2	614.0
40°	406.5	460.9	519.4	571.0	614.6	630.6	628.1	619.2	613.5	617.2	629.5
37.5°	429.8	489.1	548.8	598.7	622.2	628.7	618.0	612.2	616.4	630.7	657.8
35°	451.9	516.1	573.0	614.8	630.5	619.5	611.7	610.8	626.9	655.8	696.0
32.5°	474.3	541.8	595.7	621.9	624.4	612.2	606.2	620.1	645.4	683.6	751.3
30°	496.1	561.6	612.3	628.2	617.3	607.7	611.1	631.0	665.4	728.8	838.3
27.5°	516.0	579.5	617.7	625.3	611.2	603.2	618.1	648.1	698.2	782.6	939.0
25°	534.1	595.8	622.4	619.5	607.1	606.1	626.5	663.4	732.4	869.1	1083.3
22.5°	549.1	610.7	626.9	614.2	602.9	611.0	639.4	690.6	783.1	950.6	1233.9
20°	561.2	614.4	626.0	609.1	598.9	615.0	650.9	717.5	851.3	1078.2	1403.4
17.5°	572.3	617.7	621.8	605.7	601.3	621.3	662.9	741.3	911.9	1187.8	1566.3
15°	582.0	620.5	617.8	602.8	604.3	629.8	682.5	786.4	984.5	1291.2	1712.5
12.5°	590.5	623.0	613.9	600.4	606.5	636.8	699.1	827.4	1056.2	1403.2	1947.0
10°	597.6	625.0	610.5	598.4	607.9	642.4	712.6	859.7	1111.4	1498.3	2143.8
7.5°	604.0	626.6	607.5	596.8	608.7	646.5	722.9	883.5	1150.7	1574.5	2291.1
5°	608.9	627.8	605.8	596.0	610.9	651.1	730.5	898.9	1174.7	1630.1	2389.6
2.5°	612.1	628.4	604.8	595.6	614.0	657.1	736.9	911.9	1196.0	1657.6	2459.8
0°	613.6	628.6	604.5	595.5	616.6	661.7	739.9	917.3	1206.1	1657.2	2502.4
-2.5°	612.1	628.4	604.8	595.6	614.0	657.1	736.9	911.9	1196.0	1657.6	2459.8
-5°	608.9	627.8	605.8	596.0	610.9	651.1	730.5	898.9	1174.7	1630.1	2389.6
-7.5°	604.0	626.6	607.5	596.8	608.7	646.5	722.9	883.5	1150.7	1574.5	2291.1
-10°	597.6	625.0	610.5	598.4	607.9	642.4	712.6	859.7	1111.4	1498.3	2143.8
-12.5°	590.5	623.0	613.9	600.4	606.5	636.8	699.1	827.4	1056.2	1403.2	1947.0
-15°	582.0	620.5	617.8	602.8	604.3	629.8	682.5	786.4	984.5	1291.2	1712.5
-17.5°	572.3	617.7	621.8	605.7	601.3	621.3	662.9	741.3	911.9	1187.8	1566.3
-20°	561.2	614.4	626.0	609.1	598.9	615.0	650.9	717.5	851.3	1078.2	1403.4



REPORT NUMBER: P559236 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	549.1	610.7	626.9	614.2	602.9	611.0	639.4	690.6	783.1	950.6	1233.9
-25°	534.1	595.8	622.4	619.5	607.1	606.1	626.5	663.4	732.4	869.1	1083.3
-27.5°	516.0	579.5	617.7	625.3	611.2	603.2	618.1	648.1	698.2	782.6	939.0
-30°	496.1	561.6	612.3	628.2	617.3	607.7	611.1	631.0	665.4	728.8	838.3
-32.5°	474.3	541.8	595.7	621.9	624.4	612.2	606.2	620.1	645.4	683.6	751.3
-35°	451.9	516.1	573.0	614.8	630.5	619.5	611.7	610.8	626.9	655.8	696.0
-37.5°	429.8	489.1	548.8	598.7	622.2	628.7	618.0	612.2	616.4	630.7	657.8
-40°	406.5	460.9	519.4	571.0	614.6	630.6	628.1	619.2	613.5	617.2	629.5
-42.5°	382.2	434.1	487.6	542.3	590.7	622.3	636.7	629.5	619.7	611.2	614.0
-45°	357.8	406.2	455.1	508.2	560.2	604.8	627.8	640.5	629.1	618.1	610.2
-47.5°	332.4	377.6	423.7	472.2	524.1	571.4	612.3	630.1	638.7	629.4	618.0
-50°	306.7	348.8	391.8	436.7	483.2	532.6	576.0	611.0	628.8	635.7	632.1
-52.5°	282.4	319.2	359.9	400.8	442.8	486.5	531.8	570.6	602.3	626.7	632.5
-55°	257.7	291.9	327.3	365.0	402.8	441.7	480.7	520.8	558.9	587.4	614.2
-57.5°	233.0	264.7	296.3	329.1	363.5	397.5	432.4	466.8	502.2	536.0	565.5
-60°	207.8	237.0	265.8	294.8	324.3	355.1	384.6	415.3	446.2	475.9	504.5
-62.5°	182.2	209.0	235.3	261.0	287.4	313.1	339.6	365.7	390.9	417.2	442.4
-65°	158.1	181.2	204.9	228.2	250.3	273.0	295.6	317.9	340.6	362.2	382.4
-67.5°	133.8	154.7	175.3	195.6	215.9	234.6	252.2	271.8	291.1	310.1	328.3
-70°	113.3	128.6	146.3	164.4	181.7	198.2	214.3	229.4	243.7	258.8	275.0
-72.5°	93.4	106.6	119.9	133.2	148.2	162.6	176.6	190.0	202.3	213.8	225.3
-75°	75.4	84.5	95.5	106.8	117.6	128.2	138.9	150.5	160.8	170.0	178.7
-77.5°	58.9	66.3	73.7	81.3	88.6	97.0	105.4	113.8	121.3	128.0	134.1
-80°	43.3	47.9	53.5	59.3	64.4	69.5	74.6	79.7	84.8	90.1	95.4
-82.5°	29.5	33.0	36.3	39.6	42.2	44.5	46.9	50.1	53.9	57.5	61.0
-85°	16.6	18.0	20.2	22.4	24.4	26.1	27.8	29.2	30.8	32.4	33.9
-87.5°	8.3	9.0	9.7	10.3	11.0	11.6	12.2	12.7	13.3	13.8	14.3
-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: P559236 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.7	14.6	14.3	14.0	13.6	13.9	14.1	14.3	14.5	15.4	16.2
85°	35.3	36.9	38.5	40.2	41.9	43.0	44.1	45.0	45.8	46.6	47.1
82.5°	64.3	67.7	70.8	73.6	76.1	78.2	80.1	81.7	83.2	84.4	85.4
80°	100.3	104.7	108.7	112.2	115.3	118.0	120.2	122.1	123.6	126.5	129.4
77.5°	140.4	146.6	152.4	157.7	162.5	167.2	171.6	175.6	179.1	181.8	183.8
75°	186.8	194.8	202.7	210.0	216.6	223.5	230.1	236.2	241.7	245.4	248.1
72.5°	236.8	247.5	257.1	266.4	274.6	283.0	291.3	298.7	305.3	310.4	314.4
70°	290.3	304.1	315.4	325.9	336.2	346.7	356.9	365.8	373.4	379.7	384.9
67.5°	345.6	361.5	375.7	389.4	403.2	416.2	428.6	440.1	450.6	458.6	463.9
65°	402.3	422.6	441.3	458.2	473.6	488.2	503.6	517.8	530.7	541.2	549.4
62.5°	466.3	489.3	510.4	529.4	546.5	560.1	574.8	588.2	600.2	611.3	622.4
60°	531.7	557.4	576.1	592.2	606.9	620.0	625.1	630.0	634.0	637.6	642.0
57.5°	588.9	610.9	626.9	630.5	633.8	636.6	634.8	629.7	624.3	618.9	614.7
55°	628.7	634.9	641.9	636.5	627.7	619.5	612.3	607.2	602.5	598.3	594.6
52.5°	639.2	633.2	625.8	617.6	611.6	605.3	598.9	600.1	602.1	603.5	604.3
50°	623.7	616.6	612.6	608.0	608.8	611.9	614.5	620.4	627.8	633.1	637.5
47.5°	611.7	607.0	613.0	620.7	627.8	640.7	652.2	663.5	680.9	694.7	705.8
45°	608.4	619.8	631.6	650.3	666.7	695.1	721.8	744.2	785.8	823.8	853.7
42.5°	625.6	645.2	666.6	702.9	742.1	792.4	857.0	911.6	975.6	1035.2	1078.4
40°	654.0	682.8	731.0	789.4	881.1	962.6	1069.5	1161.0	1247.0	1338.1	1406.6
37.5°	694.8	748.7	838.8	943.9	1082.8	1216.3	1363.8	1507.0	1629.0	1813.6	1958.1
35°	755.5	864.5	992.4	1167.9	1349.4	1554.0	1769.7	2047.5	2292.2	2579.2	2849.0
32.5°	865.9	1013.5	1213.9	1451.4	1692.7	2045.7	2378.8	2830.3	3235.9	3742.2	4286.6
30°	995.1	1215.4	1484.7	1794.7	2231.6	2717.4	3265.0	3957.5	4780.2	5759.9	7074.5
27.5°	1173.3	1456.1	1794.8	2297.5	2917.3	3568.2	4539.2	5703.1	7824.2	9672.7	12122.6
25°	1365.1	1710.4	2246.3	2921.7	3737.3	4909.5	6807.9	9229.8	12660.3	15940.5	18562.8
22.5°	1586.2	2090.8	2767.2	3607.7	4927.8	7197.2	10144.8	14410.0	18235.3	21543.6	24091.5
20°	1831.0	2464.0	3373.0	4657.5	6905.5	10229.2	14961.1	19338.3	23245.4	26093.4	28344.6
17.5°	2148.0	2975.0	4128.4	5900.8	9351.0	14472.8	19350.9	23677.5	27077.0	29579.2	31574.9
15°	2444.1	3445.3	4940.1	7964.2	12673.4	18147.4	23147.6	27007.2	29949.0	32277.4	34071.7
12.5°	2793.6	3973.7	5889.0	9746.8	15728.3	21179.0	25843.3	29447.3	32280.2	34462.8	36867.6
10°	3104.8	4542.1	7248.6	12122.3	18237.1	23561.6	28091.1	31329.9	34170.7	37015.0	40621.0
7.5°	3361.8	5019.3	8363.6	14126.6	20163.3	25324.1	29450.5	32686.6	35817.5	39616.2	44817.3
5°	3565.8	5379.1	9280.9	15639.7	21563.5	26581.9	30488.7	33769.0	37305.3	42386.9	49366.7
2.5°	3702.3	5614.8	9854.3	16553.9	22446.9	27303.4	31258.3	34476.9	38184.6	43938.2	51230.3
0°	3756.6	5723.6	9708.7	16719.6	22500.4	27538.2	31373.0	34741.6	38435.0	44197.7	51572.5
-2.5°	3702.3	5614.8	9854.3	16553.9	22446.9	27303.4	31258.3	34476.9	38184.6	43938.2	51230.3
-5°	3565.8	5379.1	9280.9	15639.7	21563.5	26581.9	30488.7	33769.0	37305.3	42386.9	49366.7
-7.5°	3361.8	5019.3	8363.6	14126.6	20163.3	25324.1	29450.5	32686.6	35817.5	39616.2	44817.3
-10°	3104.8	4542.1	7248.6	12122.3	18237.1	23561.6	28091.1	31329.9	34170.7	37015.0	40621.0
-12.5°	2793.6	3973.7	5889.0	9746.8	15728.3	21179.0	25843.3	29447.3	32280.2	34462.8	36867.6
-15°	2444.1	3445.3	4940.1	7964.2	12673.4	18147.4	23147.6	27007.2	29949.0	32277.4	34071.7
-17.5°	2148.0	2975.0	4128.4	5900.8	9351.0	14472.8	19350.9	23677.5	27077.0	29579.2	31574.9
-20°	1831.0	2464.0	3373.0	4657.5	6905.5	10229.2	14961.1	19338.3	23245.4	26093.4	28344.6



REPORT NUMBER: P559236 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1586.2	2090.8	2767.2	3607.7	4927.8	7197.2	10144.8	14410.0	18235.3	21543.6	24091.5
-25°	1365.1	1710.4	2246.3	2921.7	3737.3	4909.5	6807.9	9229.8	12660.3	15940.5	18562.8
-27.5°	1173.3	1456.1	1794.8	2297.5	2917.3	3568.2	4539.2	5703.1	7824.2	9672.7	12122.6
-30°	995.1	1215.4	1484.7	1794.7	2231.6	2717.4	3265.0	3957.5	4780.2	5759.9	7074.5
-32.5°	865.9	1013.5	1213.9	1451.4	1692.7	2045.7	2378.8	2830.3	3235.9	3742.2	4286.6
-35°	755.5	864.5	992.4	1167.9	1349.4	1554.0	1769.7	2047.5	2292.2	2579.2	2849.0
-37.5°	694.8	748.7	838.8	943.9	1082.8	1216.3	1363.8	1507.0	1629.0	1813.6	1958.1
-40°	654.0	682.8	731.0	789.4	881.1	962.6	1069.5	1161.0	1247.0	1338.1	1406.6
-42.5°	625.6	645.2	666.6	702.9	742.1	792.4	857.0	911.6	975.6	1035.2	1078.4
-45°	608.4	619.8	631.6	650.3	666.7	695.1	721.8	744.2	785.8	823.8	853.7
-47.5°	611.7	607.0	613.0	620.7	627.8	640.7	652.2	663.5	680.9	694.7	705.8
-50°	623.7	616.6	612.6	608.0	608.8	611.9	614.5	620.4	627.8	633.1	637.5
-52.5°	639.2	633.2	625.8	617.6	611.6	605.3	598.9	600.1	602.1	603.5	604.3
-55°	628.7	634.9	641.9	636.5	627.7	619.5	612.3	607.2	602.5	598.3	594.6
-57.5°	588.9	610.9	626.9	630.5	633.8	636.6	634.8	629.7	624.3	618.9	614.7
-60°	531.7	557.4	576.1	592.2	606.9	620.0	625.1	630.0	634.0	637.6	642.0
-62.5°	466.3	489.3	510.4	529.4	546.5	560.1	574.8	588.2	600.2	611.3	622.4
-65°	402.3	422.6	441.3	458.2	473.6	488.2	503.6	517.8	530.7	541.2	549.4
-67.5°	345.6	361.5	375.7	389.4	403.2	416.2	428.6	440.1	450.6	458.6	463.9
-70°	290.3	304.1	315.4	325.9	336.2	346.7	356.9	365.8	373.4	379.7	384.9
-72.5°	236.8	247.5	257.1	266.4	274.6	283.0	291.3	298.7	305.3	310.4	314.4
-75°	186.8	194.8	202.7	210.0	216.6	223.5	230.1	236.2	241.7	245.4	248.1
-77.5°	140.4	146.6	152.4	157.7	162.5	167.2	171.6	175.6	179.1	181.8	183.8
-80°	100.3	104.7	108.7	112.2	115.3	118.0	120.2	122.1	123.6	126.5	129.4
-82.5°	64.3	67.7	70.8	73.6	76.1	78.2	80.1	81.7	83.2	84.4	85.4
-85°	35.3	36.9	38.5	40.2	41.9	43.0	44.1	45.0	45.8	46.6	47.1
-87.5°	14.7	14.6	14.3	14.0	13.6	13.9	14.1	14.3	14.5	15.4	16.2
-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: P559236 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	17.1	17.9	18.0	18.0	18.0	17.9	17.1	16.2	15.4	14.5	14.3
85°	47.6	47.9	49.5	51.1	49.5	47.9	47.6	47.1	46.6	45.8	45.0
82.5°	86.2	86.8	87.1	87.2	87.1	86.8	86.2	85.4	84.4	83.2	81.7
80°	132.1	134.5	133.6	132.3	133.6	134.5	132.1	129.4	126.5	123.6	122.1
77.5°	185.0	185.5	184.8	183.5	184.8	185.5	185.0	183.8	181.8	179.1	175.6
75°	250.0	251.1	252.2	252.6	252.2	251.1	250.0	248.1	245.4	241.7	236.2
72.5°	317.6	319.9	319.9	318.8	319.9	319.9	317.6	314.4	310.4	305.3	298.7
70°	388.9	391.7	393.4	394.0	393.4	391.7	388.9	384.9	379.7	373.4	365.8
67.5°	467.6	469.6	471.5	472.2	471.5	469.6	467.6	463.9	458.6	450.6	440.1
65°	556.2	561.5	563.1	562.4	563.1	561.5	556.2	549.4	541.2	530.7	517.8
62.5°	632.7	641.8	645.7	646.6	645.7	641.8	632.7	622.4	611.3	600.2	588.2
60°	645.7	648.8	649.7	649.7	649.7	648.8	645.7	642.0	637.6	634.0	630.0
57.5°	610.7	607.2	605.1	604.5	605.1	607.2	610.7	614.7	618.9	624.3	629.7
55°	591.3	588.2	586.8	586.5	586.8	588.2	591.3	594.6	598.3	602.5	607.2
52.5°	604.5	604.1	605.3	607.5	605.3	604.1	604.5	604.3	603.5	602.1	600.1
50°	641.4	644.0	646.9	649.7	646.9	644.0	641.4	637.5	633.1	627.8	620.4
47.5°	713.7	717.8	720.3	721.8	720.3	717.8	713.7	705.8	694.7	680.9	663.5
45°	873.2	883.6	888.7	890.3	888.7	883.6	873.2	853.7	823.8	785.8	744.2
42.5°	1107.1	1122.8	1129.6	1130.9	1129.6	1122.8	1107.1	1078.4	1035.2	975.6	911.6
40°	1455.7	1483.7	1497.2	1506.8	1497.2	1483.7	1455.7	1406.6	1338.1	1247.0	1161.0
37.5°	2066.3	2136.5	2176.3	2210.6	2176.3	2136.5	2066.3	1958.1	1813.6	1629.0	1507.0
35°	3068.5	3229.3	3324.0	3344.5	3324.0	3229.3	3068.5	2849.0	2579.2	2292.2	2047.5
32.5°	4705.8	5021.2	5209.8	5233.3	5209.8	5021.2	4705.8	4286.6	3742.2	3235.9	2830.3
30°	8095.1	8978.9	9584.6	9501.2	9584.6	8978.9	8095.1	7074.5	5759.9	4780.2	3957.5
27.5°	14129.5	15732.2	16773.2	16686.5	16773.2	15732.2	14129.5	12122.6	9672.7	7824.2	5703.1
25°	20578.9	22054.0	22924.8	23246.3	22924.8	22054.0	20578.9	18562.8	15940.5	12660.3	9229.8
22.5°	25845.4	27164.2	27917.5	28368.3	27917.5	27164.2	25845.4	24091.5	21543.6	18235.3	14410.0
20°	29880.6	31024.4	31672.3	31950.4	31672.3	31024.4	29880.6	28344.6	26093.4	23245.4	19338.3
17.5°	32985.0	33942.5	34676.0	34864.9	34676.0	33942.5	32985.0	31574.9	29579.2	27077.0	23677.5
15°	35730.9	36967.7	37832.7	38155.3	37832.7	36967.7	35730.9	34071.7	32277.4	29949.0	27007.2
12.5°	39193.5	41344.1	42487.4	42751.0	42487.4	41344.1	39193.5	36867.6	34462.8	32280.2	29447.3
10°	44311.6	47617.2	47991.8	47479.0	47991.8	47617.2	44311.6	40621.0	37015.0	34170.7	31329.9
7.5°	51765.4	56173.1	55220.1	53632.7	55220.1	56173.1	51765.4	44817.3	39616.2	35817.5	32686.6
5°	57099.5	63219.1	63409.2	62243.7	63409.2	63219.1	57099.5	49366.7	42386.9	37305.3	33769.0
2.5°	59223.0	65522.6	68657.9	69171.9	68657.9	65522.6	59223.0	51230.3	43938.2	38184.6	34476.9
0°	59381.9	66264.9	69982.4	70905.8	69982.4	66264.9	59381.9	51572.5	44197.7	38435.0	34741.6
-2.5°	59223.0	65522.6	68657.9	69171.9	68657.9	65522.6	59223.0	51230.3	43938.2	38184.6	34476.9
-5°	57099.5	63219.1	63409.2	62243.7	63409.2	63219.1	57099.5	49366.7	42386.9	37305.3	33769.0
-7.5°	51765.4	56173.1	55220.1	53632.7	55220.1	56173.1	51765.4	44817.3	39616.2	35817.5	32686.6
-10°	44311.6	47617.2	47991.8	47479.0	47991.8	47617.2	44311.6	40621.0	37015.0	34170.7	31329.9
-12.5°	39193.5	41344.1	42487.4	42751.0	42487.4	41344.1	39193.5	36867.6	34462.8	32280.2	29447.3
-15°	35730.9	36967.7	37832.7	38155.3	37832.7	36967.7	35730.9	34071.7	32277.4	29949.0	27007.2
-17.5°	32985.0	33942.5	34676.0	34864.9	34676.0	33942.5	32985.0	31574.9	29579.2	27077.0	23677.5
-20°	29880.6	31024.4	31672.3	31950.4	31672.3	31024.4	29880.6	28344.6	26093.4	23245.4	19338.3



REPORT NUMBER: P559236 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	25845.4	27164.2	27917.5	28368.3	27917.5	27164.2	25845.4	24091.5	21543.6	18235.3	14410.0
-25°	20578.9	22054.0	22924.8	23246.3	22924.8	22054.0	20578.9	18562.8	15940.5	12660.3	9229.8
-27.5°	14129.5	15732.2	16773.2	16686.5	16773.2	15732.2	14129.5	12122.6	9672.7	7824.2	5703.1
-30°	8095.1	8978.9	9584.6	9501.2	9584.6	8978.9	8095.1	7074.5	5759.9	4780.2	3957.5
-32.5°	4705.8	5021.2	5209.8	5233.3	5209.8	5021.2	4705.8	4286.6	3742.2	3235.9	2830.3
-35°	3068.5	3229.3	3324.0	3344.5	3324.0	3229.3	3068.5	2849.0	2579.2	2292.2	2047.5
-37.5°	2066.3	2136.5	2176.3	2210.6	2176.3	2136.5	2066.3	1958.1	1813.6	1629.0	1507.0
-40°	1455.7	1483.7	1497.2	1506.8	1497.2	1483.7	1455.7	1406.6	1338.1	1247.0	1161.0
-42.5°	1107.1	1122.8	1129.6	1130.9	1129.6	1122.8	1107.1	1078.4	1035.2	975.6	911.6
-45°	873.2	883.6	888.7	890.3	888.7	883.6	873.2	853.7	823.8	785.8	744.2
-47.5°	713.7	717.8	720.3	721.8	720.3	717.8	713.7	705.8	694.7	680.9	663.5
-50°	641.4	644.0	646.9	649.7	646.9	644.0	641.4	637.5	633.1	627.8	620.4
-52.5°	604.5	604.1	605.3	607.5	605.3	604.1	604.5	604.3	603.5	602.1	600.1
-55°	591.3	588.2	586.8	586.5	586.8	588.2	591.3	594.6	598.3	602.5	607.2
-57.5°	610.7	607.2	605.1	604.5	605.1	607.2	610.7	614.7	618.9	624.3	629.7
-60°	645.7	648.8	649.7	649.7	649.7	648.8	645.7	642.0	637.6	634.0	630.0
-62.5°	632.7	641.8	645.7	646.6	645.7	641.8	632.7	622.4	611.3	600.2	588.2
-65°	556.2	561.5	563.1	562.4	563.1	561.5	556.2	549.4	541.2	530.7	517.8
-67.5°	467.6	469.6	471.5	472.2	471.5	469.6	467.6	463.9	458.6	450.6	440.1
-70°	388.9	391.7	393.4	394.0	393.4	391.7	388.9	384.9	379.7	373.4	365.8
-72.5°	317.6	319.9	319.9	318.8	319.9	319.9	317.6	314.4	310.4	305.3	298.7
-75°	250.0	251.1	252.2	252.6	252.2	251.1	250.0	248.1	245.4	241.7	236.2
-77.5°	185.0	185.5	184.8	183.5	184.8	185.5	185.0	183.8	181.8	179.1	175.6
-80°	132.1	134.5	133.6	132.3	133.6	134.5	132.1	129.4	126.5	123.6	122.1
-82.5°	86.2	86.8	87.1	87.2	87.1	86.8	86.2	85.4	84.4	83.2	81.7
-85°	47.6	47.9	49.5	51.1	49.5	47.9	47.6	47.1	46.6	45.8	45.0
-87.5°	17.1	17.9	18.0	18.0	18.0	17.9	17.1	16.2	15.4	14.5	14.3
-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):

	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°	14.1	13.9	13.6	14.0	14.3	14.6	14.7	14.3	13.8	13.3	12.7
85°	44.1	43.0	41.9	40.2	38.5	36.9	35.3	33.9	32.4	30.8	29.2
82.5°	80.1	78.2	76.1	73.6	70.8	67.7	64.3	61.0	57.5	53.9	50.1
80°	120.2	118.0	115.3	112.2	108.7	104.7	100.3	95.4	90.1	84.8	79.7
77.5°	171.6	167.2	162.5	157.7	152.4	146.6	140.4	134.1	128.0	121.3	113.8
75°	230.1	223.5	216.6	210.0	202.7	194.8	186.8	178.7	170.0	160.8	150.5
72.5°	291.3	283.0	274.6	266.4	257.1	247.5	236.8	225.3	213.8	202.3	190.0
70°	356.9	346.7	336.2	325.9	315.4	304.1	290.3	275.0	258.8	243.7	229.4
67.5°	428.6	416.2	403.2	389.4	375.7	361.5	345.6	328.3	310.1	291.1	271.8
65°	503.6	488.2	473.6	458.2	441.3	422.6	402.3	382.4	362.2	340.6	317.9
62.5°	574.8	560.1	546.5	529.4	510.4	489.3	466.3	442.4	417.2	390.9	365.7
60°	625.1	620.0	606.9	592.2	576.1	557.4	531.7	504.5	475.9	446.2	415.3
57.5°	634.8	636.6	633.8	630.5	626.9	610.9	588.9	565.5	536.0	502.2	466.8
55°	612.3	619.5	627.7	636.5	641.9	634.9	628.7	614.2	587.4	558.9	520.8
52.5°	598.9	605.3	611.6	617.6	625.8	633.2	639.2	632.5	626.7	602.3	570.6
50°	614.5	611.9	608.8	608.0	612.6	616.6	623.7	632.1	635.7	628.8	611.0
47.5°	652.2	640.7	627.8	620.7	613.0	607.0	611.7	618.0	629.4	638.7	630.1
45°	721.8	695.1	666.7	650.3	631.6	619.8	608.4	610.2	618.1	629.1	640.5
42.5°	857.0	792.4	742.1	702.9	666.6	645.2	625.6	614.0	611.2	619.7	629.5
40°	1069.5	962.6	881.1	789.4	731.0	682.8	654.0	629.5	617.2	613.5	619.2
37.5°	1363.8	1216.3	1082.8	943.9	838.8	748.7	694.8	657.8	630.7	616.4	612.2
35°	1769.7	1554.0	1349.4	1167.9	992.4	864.5	755.5	696.0	655.8	626.9	610.8
32.5°	2378.8	2045.7	1692.7	1451.4	1213.9	1013.5	865.9	751.3	683.6	645.4	620.1
30°	3265.0	2717.4	2231.6	1794.7	1484.7	1215.4	995.1	838.3	728.8	665.4	631.0
27.5°	4539.2	3568.2	2917.3	2297.5	1794.8	1456.1	1173.3	939.0	782.6	698.2	648.1
25°	6807.9	4909.5	3737.3	2921.7	2246.3	1710.4	1365.1	1083.3	869.1	732.4	663.4
22.5°	10144.8	7197.2	4927.8	3607.7	2767.2	2090.8	1586.2	1233.9	950.6	783.1	690.6
20°	14961.1	10229.2	6905.5	4657.5	3373.0	2464.0	1831.0	1403.4	1078.2	851.3	717.5
17.5°	19350.9	14472.8	9351.0	5900.8	4128.4	2975.0	2148.0	1566.3	1187.8	911.9	741.3
15°	23147.6	18147.4	12673.4	7964.2	4940.1	3445.3	2444.1	1712.5	1291.2	984.5	786.4
12.5°	25843.3	21179.0	15728.3	9746.8	5889.0	3973.7	2793.6	1947.0	1403.2	1056.2	827.4
10°	28091.1	23561.6	18237.1	12122.3	7248.6	4542.1	3104.8	2143.8	1498.3	1111.4	859.7
7.5°	29450.5	25324.1	20163.3	14126.6	8363.6	5019.3	3361.8	2291.1	1574.5	1150.7	883.5
5°	30488.7	26581.9	21563.5	15639.7	9280.9	5379.1	3565.8	2389.6	1630.1	1174.7	898.9
2.5°	31258.3	27303.4	22446.9	16553.9	9854.3	5614.8	3702.3	2459.8	1657.6	1196.0	911.9
0°	31373.0	27538.2	22500.4	16719.6	9708.7	5723.6	3756.6	2502.4	1657.2	1206.1	917.3
-2.5°	31258.3	27303.4	22446.9	16553.9	9854.3	5614.8	3702.3	2459.8	1657.6	1196.0	911.9
-5°	30488.7	26581.9	21563.5	15639.7	9280.9	5379.1	3565.8	2389.6	1630.1	1174.7	898.9
-7.5°	29450.5	25324.1	20163.3	14126.6	8363.6	5019.3	3361.8	2291.1	1574.5	1150.7	883.5
-10°	28091.1	23561.6	18237.1	12122.3	7248.6	4542.1	3104.8	2143.8	1498.3	1111.4	859.7
-12.5°	25843.3	21179.0	15728.3	9746.8	5889.0	3973.7	2793.6	1947.0	1403.2	1056.2	827.4
-15°	23147.6	18147.4	12673.4	7964.2	4940.1	3445.3	2444.1	1712.5	1291.2	984.5	786.4
-17.5°	19350.9	14472.8	9351.0	5900.8	4128.4	2975.0	2148.0	1566.3	1187.8	911.9	741.3
-20°	14961.1	10229.2	6905.5	4657.5	3373.0	2464.0	1831.0	1403.4	1078.2	851.3	717.5



REPORT NUMBER: P559236 (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°	10144.8	7197.2	4927.8	3607.7	2767.2	2090.8	1586.2	1233.9	950.6	783.1	690.6
-25°	6807.9	4909.5	3737.3	2921.7	2246.3	1710.4	1365.1	1083.3	869.1	732.4	663.4
-27.5°	4539.2	3568.2	2917.3	2297.5	1794.8	1456.1	1173.3	939.0	782.6	698.2	648.1
-30°	3265.0	2717.4	2231.6	1794.7	1484.7	1215.4	995.1	838.3	728.8	665.4	631.0
-32.5°	2378.8	2045.7	1692.7	1451.4	1213.9	1013.5	865.9	751.3	683.6	645.4	620.1
-35°	1769.7	1554.0	1349.4	1167.9	992.4	864.5	755.5	696.0	655.8	626.9	610.8
-37.5°	1363.8	1216.3	1082.8	943.9	838.8	748.7	694.8	657.8	630.7	616.4	612.2
-40°	1069.5	962.6	881.1	789.4	731.0	682.8	654.0	629.5	617.2	613.5	619.2
-42.5°	857.0	792.4	742.1	702.9	666.6	645.2	625.6	614.0	611.2	619.7	629.5
-45°	721.8	695.1	666.7	650.3	631.6	619.8	608.4	610.2	618.1	629.1	640.5
-47.5°	652.2	640.7	627.8	620.7	613.0	607.0	611.7	618.0	629.4	638.7	630.1
-50°	614.5	611.9	608.8	608.0	612.6	616.6	623.7	632.1	635.7	628.8	611.0
-52.5°	598.9	605.3	611.6	617.6	625.8	633.2	639.2	632.5	626.7	602.3	570.6
-55°	612.3	619.5	627.7	636.5	641.9	634.9	628.7	614.2	587.4	558.9	520.8
-57.5°	634.8	636.6	633.8	630.5	626.9	610.9	588.9	565.5	536.0	502.2	466.8
-60°	625.1	620.0	606.9	592.2	576.1	557.4	531.7	504.5	475.9	446.2	415.3
-62.5°	574.8	560.1	546.5	529.4	510.4	489.3	466.3	442.4	417.2	390.9	365.7
-65°	503.6	488.2	473.6	458.2	441.3	422.6	402.3	382.4	362.2	340.6	317.9
-67.5°	428.6	416.2	403.2	389.4	375.7	361.5	345.6	328.3	310.1	291.1	271.8
-70°	356.9	346.7	336.2	325.9	315.4	304.1	290.3	275.0	258.8	243.7	229.4
-72.5°	291.3	283.0	274.6	266.4	257.1	247.5	236.8	225.3	213.8	202.3	190.0
-75°	230.1	223.5	216.6	210.0	202.7	194.8	186.8	178.7	170.0	160.8	150.5
-77.5°	171.6	167.2	162.5	157.7	152.4	146.6	140.4	134.1	128.0	121.3	113.8
-80°	120.2	118.0	115.3	112.2	108.7	104.7	100.3	95.4	90.1	84.8	79.7
-82.5°	80.1	78.2	76.1	73.6	70.8	67.7	64.3	61.0	57.5	53.9	50.1
-85°	44.1	43.0	41.9	40.2	38.5	36.9	35.3	33.9	32.4	30.8	29.2
-87.5°	14.1	13.9	13.6	14.0	14.3	14.6	14.7	14.3	13.8	13.3	12.7
-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: P559236 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	12.2	11.6	11.0	10.3	9.7	9.0	8.3	7.6	6.9	6.2	5.4
85°	27.8	26.1	24.4	22.4	20.2	18.0	16.6	15.2	13.8	12.3	10.8
82.5°	46.9	44.5	42.2	39.6	36.3	33.0	29.5	26.0	22.5	18.7	16.2
80°	74.6	69.5	64.4	59.3	53.5	47.9	43.3	38.6	34.2	29.5	24.4
77.5°	105.4	97.0	88.6	81.3	73.7	66.3	58.9	51.8	45.9	40.2	34.0
75°	138.9	128.2	117.6	106.8	95.5	84.5	75.4	66.7	58.7	50.9	43.5
72.5°	176.6	162.6	148.2	133.2	119.9	106.6	93.4	81.4	71.7	62.3	53.1
70°	214.3	198.2	181.7	164.4	146.3	128.6	113.3	98.8	84.6	73.5	62.8
67.5°	252.2	234.6	215.9	195.6	175.3	154.7	133.8	116.8	100.8	84.6	72.3
65°	295.6	273.0	250.3	228.2	204.9	181.2	158.1	135.9	116.8	98.8	81.5
62.5°	339.6	313.1	287.4	261.0	235.3	209.0	182.2	158.0	133.4	112.8	92.9
60°	384.6	355.1	324.3	294.8	265.8	237.0	207.8	179.6	152.9	126.5	104.9
57.5°	432.4	397.5	363.5	329.1	296.3	264.7	233.0	201.7	172.0	142.8	116.7
55°	480.7	441.7	402.8	365.0	327.3	291.9	257.7	223.6	190.8	159.3	128.2
52.5°	531.8	486.5	442.8	400.8	359.9	319.2	282.4	244.6	209.4	175.5	142.0
50°	576.0	532.6	483.2	436.7	391.8	348.8	306.7	266.7	227.3	191.1	155.5
47.5°	612.3	571.4	524.1	472.2	423.7	377.6	332.4	288.5	244.4	206.1	168.5
45°	627.8	604.8	560.2	508.2	455.1	406.2	357.8	309.8	263.5	220.6	180.8
42.5°	636.7	622.3	590.7	542.3	487.6	434.1	382.2	331.7	282.2	234.5	192.8
40°	628.1	630.6	614.6	571.0	519.4	460.9	406.5	352.9	300.2	248.8	204.5
37.5°	618.0	628.7	622.2	598.7	548.8	489.1	429.8	373.2	317.6	264.0	215.6
35°	611.7	619.5	630.5	614.8	573.0	516.1	451.9	392.6	334.5	278.3	226.3
32.5°	606.2	612.2	624.4	621.9	595.7	541.8	474.3	411.2	350.5	291.6	236.4
30°	611.1	607.7	617.3	628.2	612.3	561.6	496.1	428.6	365.4	304.1	246.2
27.5°	618.1	603.2	611.2	625.3	617.7	579.5	516.0	444.8	379.2	315.8	256.2
25°	626.5	606.1	607.1	619.5	622.4	595.8	534.1	459.7	392.3	327.0	265.4
22.5°	639.4	611.0	602.9	614.2	626.9	610.7	549.1	474.7	404.4	337.3	273.8
20°	650.9	615.0	598.9	609.1	626.0	614.4	561.2	488.1	415.3	346.4	281.2
17.5°	662.9	621.3	601.3	605.7	621.8	617.7	572.3	499.8	424.9	354.6	287.8
15°	682.5	629.8	604.3	602.8	617.8	620.5	582.0	509.9	433.3	361.6	293.5
12.5°	699.1	636.8	606.5	600.4	613.9	623.0	590.5	518.3	440.3	367.5	298.5
10°	712.6	642.4	607.9	598.4	610.5	625.0	597.6	525.8	446.7	372.1	302.5
7.5°	722.9	646.5	608.7	596.8	607.5	626.6	604.0	533.5	452.1	375.6	305.7
5°	730.5	651.1	610.9	596.0	605.8	627.8	608.9	539.8	456.1	377.9	308.0
2.5°	736.9	657.1	614.0	595.6	604.8	628.4	612.1	544.4	458.9	379.0	309.3
0°	739.9	661.7	616.6	595.5	604.5	628.6	613.6	547.4	460.2	379.0	309.8
-2.5°	736.9	657.1	614.0	595.6	604.8	628.4	612.1	544.4	458.9	379.0	309.3
-5°	730.5	651.1	610.9	596.0	605.8	627.8	608.9	539.8	456.1	377.9	308.0
-7.5°	722.9	646.5	608.7	596.8	607.5	626.6	604.0	533.5	452.1	375.6	305.7
-10°	712.6	642.4	607.9	598.4	610.5	625.0	597.6	525.8	446.7	372.1	302.5
-12.5°	699.1	636.8	606.5	600.4	613.9	623.0	590.5	518.3	440.3	367.5	298.5
-15°	682.5	629.8	604.3	602.8	617.8	620.5	582.0	509.9	433.3	361.6	293.5
-17.5°	662.9	621.3	601.3	605.7	621.8	617.7	572.3	499.8	424.9	354.6	287.8
-20°	650.9	615.0	598.9	609.1	626.0	614.4	561.2	488.1	415.3	346.4	281.2



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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°	639.4	611.0	602.9	614.2	626.9	610.7	549.1	474.7	404.4	337.3	273.8
-25°	626.5	606.1	607.1	619.5	622.4	595.8	534.1	459.7	392.3	327.0	265.4
-27.5°	618.1	603.2	611.2	625.3	617.7	579.5	516.0	444.8	379.2	315.8	256.2
-30°	611.1	607.7	617.3	628.2	612.3	561.6	496.1	428.6	365.4	304.1	246.2
-32.5°	606.2	612.2	624.4	621.9	595.7	541.8	474.3	411.2	350.5	291.6	236.4
-35°	611.7	619.5	630.5	614.8	573.0	516.1	451.9	392.6	334.5	278.3	226.3
-37.5°	618.0	628.7	622.2	598.7	548.8	489.1	429.8	373.2	317.6	264.0	215.6
-40°	628.1	630.6	614.6	571.0	519.4	460.9	406.5	352.9	300.2	248.8	204.5
-42.5°	636.7	622.3	590.7	542.3	487.6	434.1	382.2	331.7	282.2	234.5	192.8
-45°	627.8	604.8	560.2	508.2	455.1	406.2	357.8	309.8	263.5	220.6	180.8
-47.5°	612.3	571.4	524.1	472.2	423.7	377.6	332.4	288.5	244.4	206.1	168.5
-50°	576.0	532.6	483.2	436.7	391.8	348.8	306.7	266.7	227.3	191.1	155.5
-52.5°	531.8	486.5	442.8	400.8	359.9	319.2	282.4	244.6	209.4	175.5	142.0
-55°	480.7	441.7	402.8	365.0	327.3	291.9	257.7	223.6	190.8	159.3	128.2
-57.5°	432.4	397.5	363.5	329.1	296.3	264.7	233.0	201.7	172.0	142.8	116.7
-60°	384.6	355.1	324.3	294.8	265.8	237.0	207.8	179.6	152.9	126.5	104.9
-62.5°	339.6	313.1	287.4	261.0	235.3	209.0	182.2	158.0	133.4	112.8	92.9
-65°	295.6	273.0	250.3	228.2	204.9	181.2	158.1	135.9	116.8	98.8	81.5
-67.5°	252.2	234.6	215.9	195.6	175.3	154.7	133.8	116.8	100.8	84.6	72.3
-70°	214.3	198.2	181.7	164.4	146.3	128.6	113.3	98.8	84.6	73.5	62.8
-72.5°	176.6	162.6	148.2	133.2	119.9	106.6	93.4	81.4	71.7	62.3	53.1
-75°	138.9	128.2	117.6	106.8	95.5	84.5	75.4	66.7	58.7	50.9	43.5
-77.5°	105.4	97.0	88.6	81.3	73.7	66.3	58.9	51.8	45.9	40.2	34.0
-80°	74.6	69.5	64.4	59.3	53.5	47.9	43.3	38.6	34.2	29.5	24.4
-82.5°	46.9	44.5	42.2	39.6	36.3	33.0	29.5	26.0	22.5	18.7	16.2
-85°	27.8	26.1	24.4	22.4	20.2	18.0	16.6	15.2	13.8	12.3	10.8
-87.5°	12.2	11.6	11.0	10.3	9.7	9.0	8.3	7.6	6.9	6.2	5.4
-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):

	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°	4.7	3.9	3.1	2.3	1.6	0.8	0.0
85°	9.3	7.8	6.2	4.7	3.1	1.6	0.0
82.5°	13.9	11.7	9.4	7.0	4.7	2.3	0.0
80°	19.0	15.5	12.4	9.4	6.2	3.1	0.0
77.5°	27.4	20.4	15.5	11.7	7.8	3.9	0.0
75°	35.7	27.2	19.0	13.9	9.3	4.7	0.0
72.5°	43.8	33.9	24.2	16.2	10.8	5.4	0.0
70°	51.9	40.4	29.4	18.7	12.3	6.2	0.0
67.5°	60.0	46.9	34.4	22.5	13.8	6.9	0.0
65°	68.1	53.5	39.4	26.1	15.2	7.6	0.0
62.5°	76.0	60.4	44.3	29.7	16.6	8.3	0.0
60°	83.9	67.1	49.0	33.2	18.0	9.0	0.0
57.5°	93.8	73.8	54.4	36.6	20.3	9.7	0.0
55°	103.7	80.3	59.7	39.8	22.5	10.3	0.0
52.5°	113.3	87.0	64.9	43.0	24.7	11.0	0.0
50°	122.7	94.8	70.0	46.1	26.8	11.6	0.0
47.5°	132.0	102.3	75.0	49.2	28.8	12.2	0.0
45°	142.5	109.5	79.8	52.8	30.8	12.7	0.0
42.5°	152.5	116.5	84.5	56.3	32.7	13.3	0.0
40°	161.9	123.1	89.4	59.7	34.6	13.8	0.0
37.5°	170.8	129.5	94.4	62.9	36.3	14.3	0.0
35°	179.1	136.1	99.2	65.9	38.0	14.7	0.0
32.5°	187.0	142.6	103.7	68.7	39.6	15.2	0.0
30°	195.0	148.6	107.9	71.3	41.1	15.6	0.0
27.5°	202.5	154.1	111.5	73.6	42.5	16.0	0.0
25°	209.4	159.2	114.8	75.7	43.9	16.3	0.0
22.5°	215.7	163.6	117.8	77.5	45.1	16.6	0.0
20°	221.4	167.4	120.4	79.2	46.2	16.9	0.0
17.5°	226.5	170.8	122.7	80.6	47.2	17.2	0.0
15°	230.9	173.6	124.7	81.7	48.1	17.4	0.0
12.5°	234.7	176.0	126.3	82.7	48.9	17.6	0.0
10°	237.9	177.9	127.6	83.4	49.6	17.7	0.0
7.5°	240.3	179.3	128.5	83.9	50.1	17.8	0.0
5°	242.1	180.2	129.1	84.2	50.6	17.9	0.0
2.5°	243.2	180.6	129.4	84.3	50.9	18.0	0.0
0°	243.6	180.5	129.3	84.2	51.1	18.0	0.0
-2.5°	243.2	180.6	129.4	84.3	50.9	18.0	0.0
-5°	242.1	180.2	129.1	84.2	50.6	17.9	0.0
-7.5°	240.3	179.3	128.5	83.9	50.1	17.8	0.0
-10°	237.9	177.9	127.6	83.4	49.6	17.7	0.0
-12.5°	234.7	176.0	126.3	82.7	48.9	17.6	0.0
-15°	230.9	173.6	124.7	81.7	48.1	17.4	0.0
-17.5°	226.5	170.8	122.7	80.6	47.2	17.2	0.0
-20°	221.4	167.4	120.4	79.2	46.2	16.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	215.7	163.6	117.8	77.5	45.1	16.6	0.0
-25°	209.4	159.2	114.8	75.7	43.9	16.3	0.0
-27.5°	202.5	154.1	111.5	73.6	42.5	16.0	0.0
-30°	195.0	148.6	107.9	71.3	41.1	15.6	0.0
-32.5°	187.0	142.6	103.7	68.7	39.6	15.2	0.0
-35°	179.1	136.1	99.2	65.9	38.0	14.7	0.0
-37.5°	170.8	129.5	94.4	62.9	36.3	14.3	0.0
-40°	161.9	123.1	89.4	59.7	34.6	13.8	0.0
-42.5°	152.5	116.5	84.5	56.3	32.7	13.3	0.0
-45°	142.5	109.5	79.8	52.8	30.8	12.7	0.0
-47.5°	132.0	102.3	75.0	49.2	28.8	12.2	0.0
-50°	122.7	94.8	70.0	46.1	26.8	11.6	0.0
-52.5°	113.3	87.0	64.9	43.0	24.7	11.0	0.0
-55°	103.7	80.3	59.7	39.8	22.5	10.3	0.0
-57.5°	93.8	73.8	54.4	36.6	20.3	9.7	0.0
-60°	83.9	67.1	49.0	33.2	18.0	9.0	0.0
-62.5°	76.0	60.4	44.3	29.7	16.6	8.3	0.0
-65°	68.1	53.5	39.4	26.1	15.2	7.6	0.0
-67.5°	60.0	46.9	34.4	22.5	13.8	6.9	0.0
-70°	51.9	40.4	29.4	18.7	12.3	6.2	0.0
-72.5°	43.8	33.9	24.2	16.2	10.8	5.4	0.0
-75°	35.7	27.2	19.0	13.9	9.3	4.7	0.0
-77.5°	27.4	20.4	15.5	11.7	7.8	3.9	0.0
-80°	19.0	15.5	12.4	9.4	6.2	3.1	0.0
-82.5°	13.9	11.7	9.4	7.0	4.7	2.3	0.0
-85°	9.3	7.8	6.2	4.7	3.1	1.6	0.0
-87.5°	4.7	3.9	3.1	2.3	1.6	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)