

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: P559239 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559239 (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-SA6E-930-U-NR-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, NARROW SYMMETRICAL ROUND N3
Light Source: (96) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

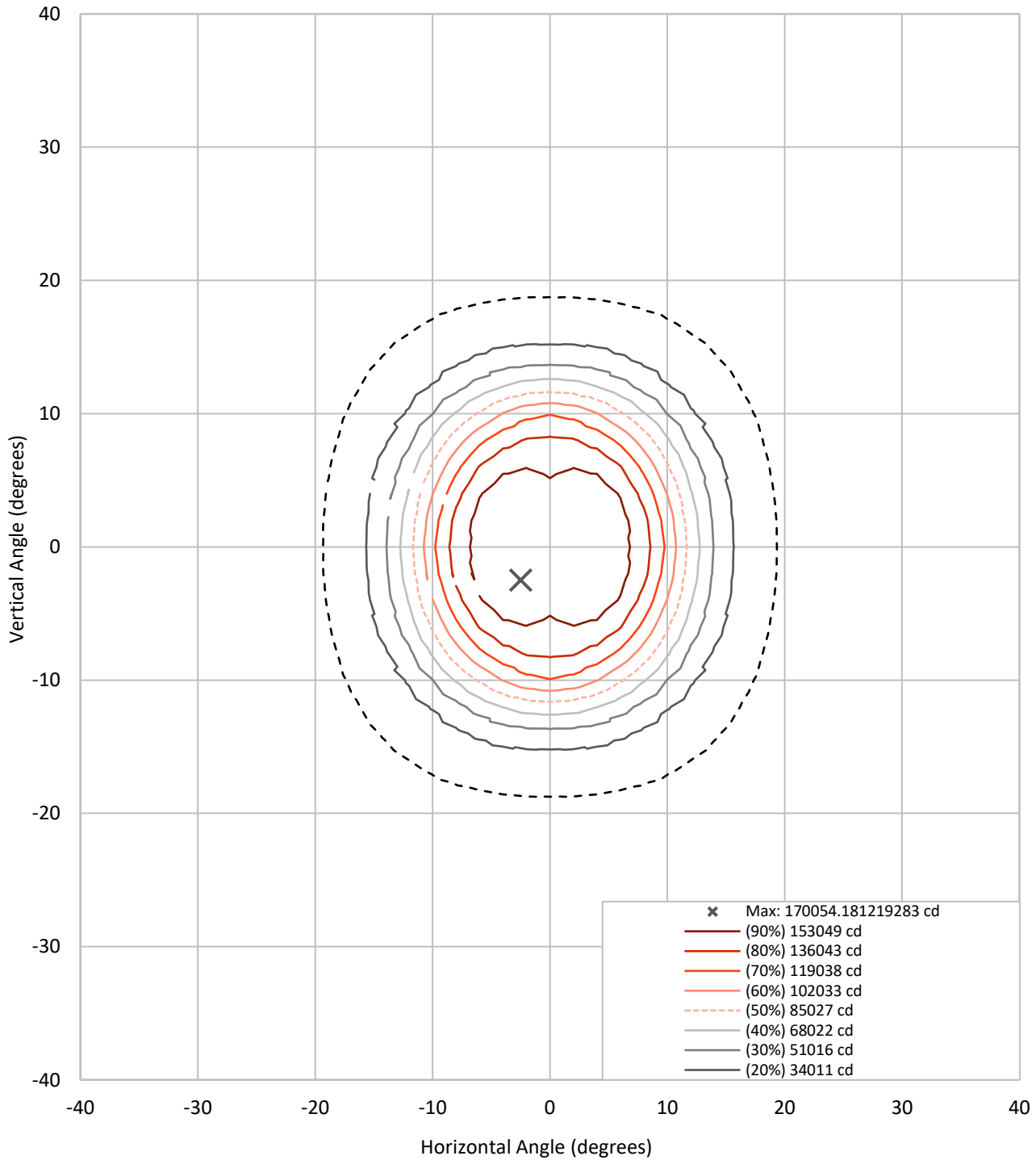
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	32157 lumens	Max Intensity:	170054.2 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	87.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	17360.5 lumens	Field Lumens:	26180.6 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

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





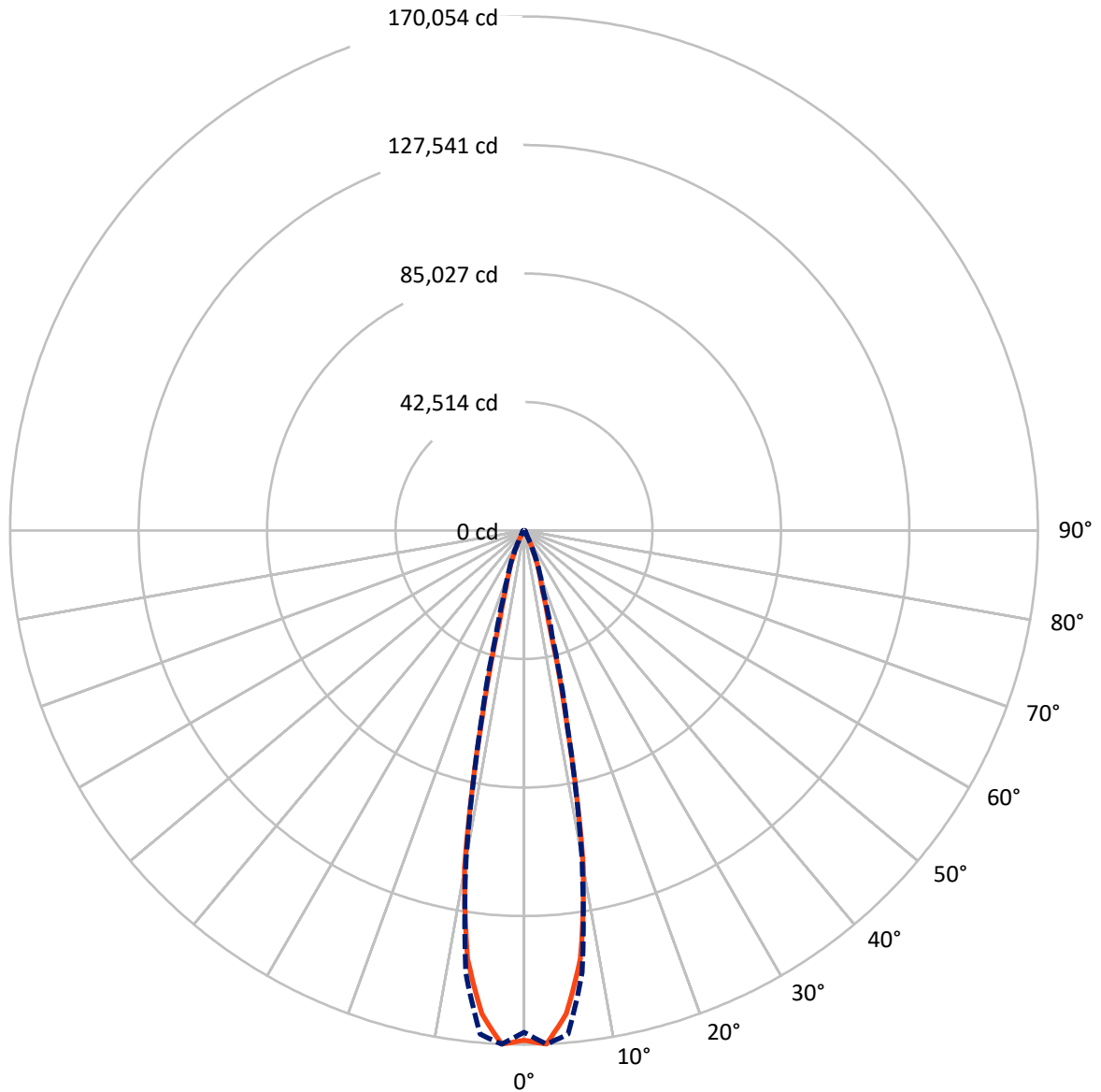
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Lumen Table

90	0.4	3.3		8.6		13.8		16.1		13.8		8.6		3.3		0.4			
80	0.4	3.3		8.6		13.8		16.1		13.8		8.6		3.3		0.4			
70	1.5	1.7	3.5	5.6	7.8	9.6	11.0	11.6	11.6	11.0	9.6	7.8	5.6	3.5	1.7	1.5			
60		2.6	5.1	8.0	10.6	12.7	14.1	14.7	14.7	14.1	12.7	10.6	8.0	5.1	2.6				
50	2.7	3.3	6.4	9.7	12.4	15.1	17.4	18.4	18.4	17.4	15.1	12.4	9.7	6.4	3.3	2.7			
40		4.0	7.5	10.8	14.6	20.0	26.3	31.5	31.5	26.3	20.0	14.6	10.8	7.5	4.0				
30	3.6	4.5	8.1	12.0	18.2	32.9	98.8	192.4	192.4	98.8	32.9	18.2	12.0	8.1	4.5	3.6			
20		4.8	8.5	12.7	22.7	97.6	450.2	1157.7	1157.7	450.2	97.6	22.7	12.7	8.5	4.8				
10	3.9	5.0	8.6	13.4	27.2	190.0	1172.3	4141.8	4141.8	1172.3	190.0	27.2	13.4	8.6	5.0	3.9			
0		5.0	8.6	13.4	27.2	190.0	1172.3	4141.8	4141.8	1172.3	190.0	27.2	13.4	8.6	5.0				
-10	3.6	4.8	8.5	12.7	22.7	97.6	450.2	1157.7	1157.7	450.2	97.6	22.7	12.7	8.5	4.8	3.6			
-20		4.5	8.1	12.0	18.2	32.9	98.8	192.4	192.4	98.8	32.9	18.2	12.0	8.1	4.5				
-30	2.7	4.0	7.5	10.8	14.6	20.0	26.3	31.5	31.5	26.3	20.0	14.6	10.8	7.5	4.0	2.7			
-40		3.3	6.4	9.7	12.4	15.1	17.4	18.4	18.4	17.4	15.1	12.4	9.7	6.4	3.3				
-50	1.5	2.6	5.1	8.0	10.6	12.7	14.1	14.7	14.7	14.1	12.7	10.6	8.0	5.1	2.6	1.5			
-60		1.7	3.5	5.6	7.8	9.6	11.0	11.6	11.6	11.0	9.6	7.8	5.6	3.5	1.7				
-70	0.4	3.3		8.6		13.8		16.1		13.8		8.6		3.3		0.4			
-80		3.3		8.6		13.8		16.1		13.8		8.6		3.3					
-90	0.4	3.3		8.6		13.8		16.1		13.8		8.6		3.3		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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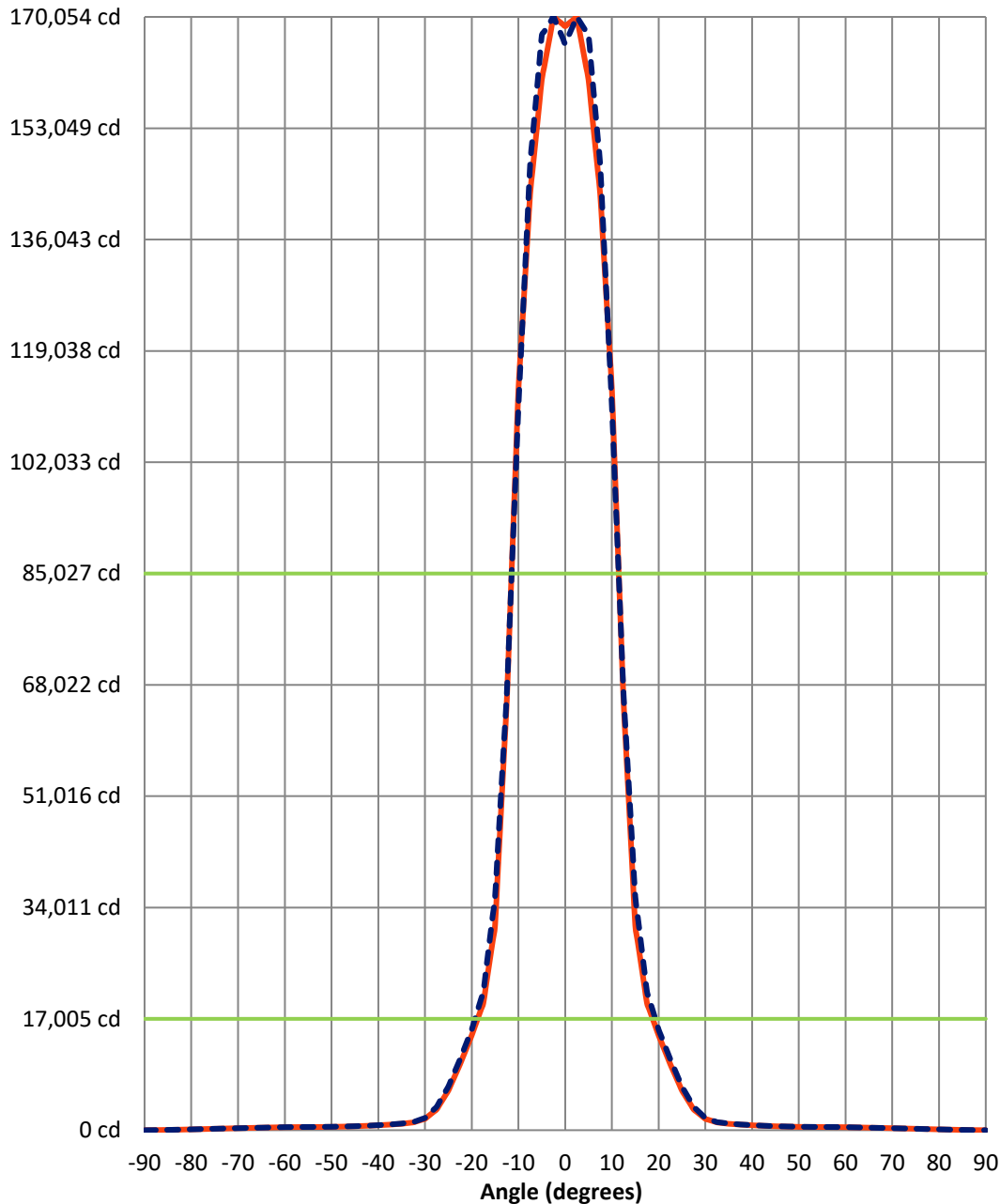
Luminous Intensity Polar Plot



— Vertical Distribution Through -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: 17360.5
Efficiency: 54.0%

Field:
H Angle: 38.6°
V Angle: 37.5°
Lumens: 26180.6
Efficiency: 81.4%

Spill:
Lumens: 5976.4
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	0.8	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	22.3	26.0
80°	0.0	3.1	6.2	9.4	12.4	15.5	18.8	23.5	28.3	33.3	38.5
77.5°	0.0	3.9	7.8	11.7	15.5	20.1	25.7	31.7	37.9	44.3	51.2
75°	0.0	4.7	9.3	13.9	18.9	26.0	32.6	39.7	47.5	56.5	64.9
72.5°	0.0	5.4	10.8	16.2	23.7	31.8	39.4	48.3	58.9	69.0	78.5
70°	0.0	6.2	12.3	18.7	28.4	37.6	46.5	58.4	70.3	81.5	94.9
67.5°	0.0	6.9	13.8	22.3	33.1	43.3	55.2	68.5	81.5	96.7	111.6
65°	0.0	7.6	15.2	25.8	37.7	49.7	63.8	78.4	94.9	111.6	128.5
62.5°	0.0	8.3	16.6	29.3	42.3	56.5	72.1	89.3	107.9	126.5	145.9
60°	0.0	9.0	18.0	32.7	46.8	63.2	80.3	100.5	120.7	141.9	163.0
57.5°	0.0	9.7	20.2	36.1	51.9	69.8	89.5	111.5	133.9	157.0	179.7
55°	0.0	10.3	22.4	39.3	56.9	76.1	98.7	122.2	147.0	171.6	196.0
52.5°	0.0	11.0	24.5	42.5	61.7	82.4	107.6	133.2	159.7	186.0	211.9
50°	0.0	11.6	26.6	45.6	66.4	89.6	116.2	144.1	172.0	199.9	227.8
47.5°	0.0	12.2	28.5	48.7	70.9	96.5	124.6	154.8	183.9	213.3	243.4
45°	0.0	12.7	30.4	51.9	75.2	103.2	133.4	165.0	195.6	227.0	258.6
42.5°	0.0	13.3	32.3	55.0	79.3	109.5	141.9	174.9	206.8	240.2	272.2
40°	0.0	13.8	34.0	57.9	83.6	115.6	150.1	184.3	217.7	253.0	284.9
37.5°	0.0	14.3	35.6	60.6	88.2	121.4	157.9	193.2	228.4	264.6	296.9
35°	0.0	14.7	37.2	63.2	92.6	127.3	165.4	201.6	238.5	274.6	308.4
32.5°	0.0	15.2	38.7	65.6	96.7	133.2	172.4	209.6	247.9	284.1	319.5
30°	0.0	15.6	40.0	67.8	100.6	138.6	178.8	217.2	256.6	292.9	329.6
27.5°	0.0	16.0	41.3	69.9	104.2	143.8	184.7	224.3	264.4	301.2	338.8
25°	0.0	16.3	42.4	71.9	107.7	148.5	190.2	230.8	271.1	308.7	346.9
22.5°	0.0	16.6	43.5	73.6	110.8	152.9	195.3	236.7	277.2	315.5	354.1
20°	0.0	16.9	44.5	75.2	113.8	156.8	199.8	242.0	282.7	321.4	360.5
17.5°	0.0	17.2	45.3	76.6	116.4	160.3	203.8	246.6	287.6	326.5	366.1
15°	0.0	17.4	46.0	77.8	118.7	163.3	207.2	250.6	291.9	330.7	370.9
12.5°	0.0	17.6	46.7	78.8	120.8	165.8	210.0	254.0	295.5	334.2	374.8
10°	0.0	17.7	47.2	79.7	122.5	167.8	212.4	256.8	298.5	337.7	378.0
7.5°	0.0	17.8	47.6	80.3	124.0	169.4	214.2	258.9	300.8	340.8	380.4
5°	0.0	17.9	47.9	80.8	125.1	170.5	215.5	260.5	302.5	343.2	381.8
2.5°	0.0	18.0	48.0	81.1	125.9	171.2	216.3	261.4	303.5	344.9	382.3
0°	0.0	18.0	48.1	81.2	126.3	171.4	216.6	261.7	303.8	345.9	382.0
-2.5°	0.0	18.0	48.0	81.1	125.9	171.2	216.3	261.4	303.5	344.9	382.3
-5°	0.0	17.9	47.9	80.8	125.1	170.5	215.5	260.5	302.5	343.2	381.8
-7.5°	0.0	17.8	47.6	80.3	124.0	169.4	214.2	258.9	300.8	340.8	380.4
-10°	0.0	17.7	47.2	79.7	122.5	167.8	212.4	256.8	298.5	337.7	378.0
-12.5°	0.0	17.6	46.7	78.8	120.8	165.8	210.0	254.0	295.5	334.2	374.8
-15°	0.0	17.4	46.0	77.8	118.7	163.3	207.2	250.6	291.9	330.7	370.9
-17.5°	0.0	17.2	45.3	76.6	116.4	160.3	203.8	246.6	287.6	326.5	366.1
-20°	0.0	16.9	44.5	75.2	113.8	156.8	199.8	242.0	282.7	321.4	360.5



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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	43.5	73.6	110.8	152.9	195.3	236.7	277.2	315.5	354.1
-25°	0.0	16.3	42.4	71.9	107.7	148.5	190.2	230.8	271.1	308.7	346.9
-27.5°	0.0	16.0	41.3	69.9	104.2	143.8	184.7	224.3	264.4	301.2	338.8
-30°	0.0	15.6	40.0	67.8	100.6	138.6	178.8	217.2	256.6	292.9	329.6
-32.5°	0.0	15.2	38.7	65.6	96.7	133.2	172.4	209.6	247.9	284.1	319.5
-35°	0.0	14.7	37.2	63.2	92.6	127.3	165.4	201.6	238.5	274.6	308.4
-37.5°	0.0	14.3	35.6	60.6	88.2	121.4	157.9	193.2	228.4	264.6	296.9
-40°	0.0	13.8	34.0	57.9	83.6	115.6	150.1	184.3	217.7	253.0	284.9
-42.5°	0.0	13.3	32.3	55.0	79.3	109.5	141.9	174.9	206.8	240.2	272.2
-45°	0.0	12.7	30.4	51.9	75.2	103.2	133.4	165.0	195.6	227.0	258.6
-47.5°	0.0	12.2	28.5	48.7	70.9	96.5	124.6	154.8	183.9	213.3	243.4
-50°	0.0	11.6	26.6	45.6	66.4	89.6	116.2	144.1	172.0	199.9	227.8
-52.5°	0.0	11.0	24.5	42.5	61.7	82.4	107.6	133.2	159.7	186.0	211.9
-55°	0.0	10.3	22.4	39.3	56.9	76.1	98.7	122.2	147.0	171.6	196.0
-57.5°	0.0	9.7	20.2	36.1	51.9	69.8	89.5	111.5	133.9	157.0	179.7
-60°	0.0	9.0	18.0	32.7	46.8	63.2	80.3	100.5	120.7	141.9	163.0
-62.5°	0.0	8.3	16.6	29.3	42.3	56.5	72.1	89.3	107.9	126.5	145.9
-65°	0.0	7.6	15.2	25.8	37.7	49.7	63.8	78.4	94.9	111.6	128.5
-67.5°	0.0	6.9	13.8	22.3	33.1	43.3	55.2	68.5	81.5	96.7	111.6
-70°	0.0	6.2	12.3	18.7	28.4	37.6	46.5	58.4	70.3	81.5	94.9
-72.5°	0.0	5.4	10.8	16.2	23.7	31.8	39.4	48.3	58.9	69.0	78.5
-75°	0.0	4.7	9.3	13.9	18.9	26.0	32.6	39.7	47.5	56.5	64.9
-77.5°	0.0	3.9	7.8	11.7	15.5	20.1	25.7	31.7	37.9	44.3	51.2
-80°	0.0	3.1	6.2	9.4	12.4	15.5	18.8	23.5	28.3	33.3	38.5
-82.5°	0.0	2.3	4.7	7.0	9.4	11.7	13.9	16.2	18.7	22.3	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	20.1	22.0	23.7	25.3	26.7	28.0	29.8	31.6	33.4
82.5°	29.2	32.2	35.0	37.5	39.7	41.8	43.8	46.8	50.7	54.2	57.4
80°	42.7	46.5	51.0	55.5	60.2	64.8	69.5	74.2	78.4	82.3	86.5
77.5°	57.4	63.5	69.6	75.9	82.4	89.6	96.5	103.2	109.4	115.4	121.3
75°	72.6	80.3	89.5	98.7	107.6	116.2	124.6	133.2	141.4	149.2	156.7
72.5°	89.3	100.5	111.5	122.2	133.8	144.8	155.2	164.7	174.7	184.8	194.1
70°	107.9	120.7	134.3	148.3	161.9	174.2	186.4	198.9	211.3	222.0	231.3
67.5°	126.5	142.3	158.2	174.0	188.9	203.2	217.9	231.7	244.6	255.7	266.3
65°	145.9	163.7	181.2	198.3	214.9	231.7	247.7	262.6	276.5	289.1	301.0
62.5°	165.0	184.4	203.5	222.4	241.8	260.2	276.9	292.8	308.1	321.5	334.4
60°	183.7	204.6	225.6	246.8	267.8	287.2	305.2	321.7	337.3	352.2	365.5
57.5°	202.1	224.5	247.4	270.2	292.2	313.2	331.4	349.0	365.0	380.1	394.1
55°	220.1	243.8	268.3	292.4	315.4	337.0	356.6	374.2	391.2	405.1	418.4
52.5°	237.9	262.8	288.5	313.6	337.1	359.5	379.8	397.6	413.1	427.3	439.0
50°	255.4	281.4	307.8	333.3	357.5	380.3	400.8	417.9	432.6	445.8	456.8
47.5°	271.8	299.2	325.5	352.0	376.5	399.1	419.2	435.3	449.8	461.5	471.8
45°	287.3	315.9	343.2	369.0	394.1	416.4	435.0	451.2	464.4	476.2	486.6
42.5°	302.1	332.0	359.7	385.4	410.1	431.5	449.8	464.8	478.4	490.0	501.4
40°	316.4	347.6	375.5	400.9	425.0	445.4	462.4	477.8	491.1	504.3	516.7
37.5°	330.2	361.8	390.7	416.5	437.7	457.5	474.3	489.6	504.7	519.1	535.8
35°	343.5	375.5	404.7	430.0	450.9	468.2	485.5	502.2	519.5	537.6	557.1
32.5°	355.7	388.7	418.2	441.5	461.0	478.5	496.4	516.5	537.0	557.7	581.7
30°	366.7	400.6	430.3	452.2	470.2	487.6	508.7	531.7	555.7	579.6	607.5
27.5°	376.3	411.7	439.4	460.5	478.2	495.0	518.6	548.3	574.4	599.8	630.7
25°	385.1	420.7	447.8	467.6	484.3	502.4	526.7	557.3	590.3	618.0	660.9
22.5°	392.7	428.7	455.6	474.0	489.0	508.5	533.2	563.4	597.2	632.1	691.6
20°	399.2	434.7	462.2	479.3	492.7	512.8	536.8	567.6	605.2	655.7	721.5
17.5°	405.0	440.7	467.1	482.9	497.1	516.2	538.0	570.1	613.8	676.9	749.0
15°	409.9	446.5	471.2	485.9	500.5	519.3	543.1	576.5	626.8	696.5	774.3
12.5°	413.9	452.1	474.6	488.3	502.7	521.6	548.4	586.5	642.3	716.1	802.1
10°	417.1	457.3	477.4	490.2	503.8	523.2	553.0	594.4	655.2	734.2	826.8
7.5°	420.0	461.4	479.5	491.6	504.0	524.1	556.8	600.1	664.7	749.2	847.5
5°	422.3	464.1	481.5	492.6	503.8	524.4	559.6	603.7	670.6	760.4	863.0
2.5°	423.6	465.7	483.1	493.1	503.3	524.3	561.7	609.6	677.9	768.8	872.3
0°	424.1	466.2	484.3	493.3	502.3	523.4	562.5	613.6	682.8	773.0	875.3
-2.5°	423.6	465.7	483.1	493.1	503.3	524.3	561.7	609.6	677.9	768.8	872.3
-5°	422.3	464.1	481.5	492.6	503.8	524.4	559.6	603.7	670.6	760.4	863.0
-7.5°	420.0	461.4	479.5	491.6	504.0	524.1	556.8	600.1	664.7	749.2	847.5
-10°	417.1	457.3	477.4	490.2	503.8	523.2	553.0	594.4	655.2	734.2	826.8
-12.5°	413.9	452.1	474.6	488.3	502.7	521.6	548.4	586.5	642.3	716.1	802.1
-15°	409.9	446.5	471.2	485.9	500.5	519.3	543.1	576.5	626.8	696.5	774.3
-17.5°	405.0	440.7	467.1	482.9	497.1	516.2	538.0	570.1	613.8	676.9	749.0
-20°	399.2	434.7	462.2	479.3	492.7	512.8	536.8	567.6	605.2	655.7	721.5



REPORT NUMBER: P559239 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	392.7	428.7	455.6	474.0	489.0	508.5	533.2	563.4	597.2	632.1	691.6
-25°	385.1	420.7	447.8	467.6	484.3	502.4	526.7	557.3	590.3	618.0	660.9
-27.5°	376.3	411.7	439.4	460.5	478.2	495.0	518.6	548.3	574.4	599.8	630.7
-30°	366.7	400.6	430.3	452.2	470.2	487.6	508.7	531.7	555.7	579.6	607.5
-32.5°	355.7	388.7	418.2	441.5	461.0	478.5	496.4	516.5	537.0	557.7	581.7
-35°	343.5	375.5	404.7	430.0	450.9	468.2	485.5	502.2	519.5	537.6	557.1
-37.5°	330.2	361.8	390.7	416.5	437.7	457.5	474.3	489.6	504.7	519.1	535.8
-40°	316.4	347.6	375.5	400.9	425.0	445.4	462.4	477.8	491.1	504.3	516.7
-42.5°	302.1	332.0	359.7	385.4	410.1	431.5	449.8	464.8	478.4	490.0	501.4
-45°	287.3	315.9	343.2	369.0	394.1	416.4	435.0	451.2	464.4	476.2	486.6
-47.5°	271.8	299.2	325.5	352.0	376.5	399.1	419.2	435.3	449.8	461.5	471.8
-50°	255.4	281.4	307.8	333.3	357.5	380.3	400.8	417.9	432.6	445.8	456.8
-52.5°	237.9	262.8	288.5	313.6	337.1	359.5	379.8	397.6	413.1	427.3	439.0
-55°	220.1	243.8	268.3	292.4	315.4	337.0	356.6	374.2	391.2	405.1	418.4
-57.5°	202.1	224.5	247.4	270.2	292.2	313.2	331.4	349.0	365.0	380.1	394.1
-60°	183.7	204.6	225.6	246.8	267.8	287.2	305.2	321.7	337.3	352.2	365.5
-62.5°	165.0	184.4	203.5	222.4	241.8	260.2	276.9	292.8	308.1	321.5	334.4
-65°	145.9	163.7	181.2	198.3	214.9	231.7	247.7	262.6	276.5	289.1	301.0
-67.5°	126.5	142.3	158.2	174.0	188.9	203.2	217.9	231.7	244.6	255.7	266.3
-70°	107.9	120.7	134.3	148.3	161.9	174.2	186.4	198.9	211.3	222.0	231.3
-72.5°	89.3	100.5	111.5	122.2	133.8	144.8	155.2	164.7	174.7	184.8	194.1
-75°	72.6	80.3	89.5	98.7	107.6	116.2	124.6	133.2	141.4	149.2	156.7
-77.5°	57.4	63.5	69.6	75.9	82.4	89.6	96.5	103.2	109.4	115.4	121.3
-80°	42.7	46.5	51.0	55.5	60.2	64.8	69.5	74.2	78.4	82.3	86.5
-82.5°	29.2	32.2	35.0	37.5	39.7	41.8	43.8	46.8	50.7	54.2	57.4
-85°	16.6	18.0	20.1	22.0	23.7	25.3	26.7	28.0	29.8	31.6	33.4
-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: P559239 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	14.7	14.6	14.3	14.0	13.6	14.5	15.5	16.4	17.4	17.6	17.7
85°	35.3	36.4	37.4	38.5	39.5	40.6	41.6	42.5	43.2	44.5	45.7
82.5°	60.2	62.6	64.8	66.9	68.9	71.1	73.4	75.5	77.5	78.7	79.6
80°	90.5	94.6	98.3	101.6	104.4	108.0	111.5	114.6	117.4	119.3	120.7
77.5°	127.1	132.2	136.9	141.4	145.6	149.7	153.2	156.0	158.2	160.9	163.5
75°	163.7	170.5	176.9	182.7	187.8	192.3	196.4	200.2	203.6	206.7	209.2
72.5°	202.6	210.3	217.2	223.5	229.5	235.3	240.8	245.6	249.9	253.5	256.4
70°	240.0	248.4	256.7	264.6	271.8	278.3	284.2	289.4	294.0	297.9	301.1
67.5°	276.2	285.7	295.2	304.0	311.8	318.7	325.4	331.5	337.1	341.4	344.3
65°	312.1	322.7	332.9	341.9	349.9	357.1	364.6	371.1	376.7	380.7	383.5
62.5°	347.0	358.5	368.3	377.7	386.7	394.3	400.7	406.7	412.2	416.6	419.4
60°	378.1	390.1	399.7	408.6	416.8	424.2	430.6	436.8	442.7	447.9	451.8
57.5°	405.7	416.8	426.6	434.5	441.9	448.6	454.8	459.9	464.0	467.1	469.8
55°	429.8	439.6	448.9	456.6	463.0	468.4	473.0	476.7	479.5	481.6	483.2
52.5°	450.2	459.4	468.4	476.0	481.0	485.4	489.4	493.8	496.3	496.7	496.5
50°	466.6	476.3	484.5	491.3	498.1	505.6	513.5	517.4	519.0	518.0	516.7
47.5°	481.7	491.2	500.1	508.6	518.3	531.0	543.9	550.0	549.5	546.8	545.5
45°	496.6	506.8	517.3	530.3	544.0	560.5	575.5	585.0	585.0	585.3	587.5
42.5°	512.0	524.8	539.1	556.8	574.8	593.2	609.2	621.0	629.7	640.4	649.4
40°	531.0	545.3	566.7	588.6	612.0	631.7	656.5	677.8	695.3	711.2	723.4
37.5°	553.3	573.8	601.0	629.1	659.5	690.0	719.1	746.1	769.2	795.6	815.2
35°	580.1	609.3	642.4	677.5	715.3	754.1	791.4	834.6	872.5	906.3	934.0
32.5°	611.4	646.7	687.1	733.8	781.1	832.4	886.1	941.4	994.8	1050.4	1106.0
30°	642.8	689.3	741.0	797.7	853.3	920.2	990.1	1080.7	1175.7	1284.0	1450.5
27.5°	681.0	736.6	796.7	862.0	938.4	1024.1	1158.7	1326.2	1612.1	1825.6	2399.4
25°	718.4	781.9	859.2	943.8	1046.4	1203.2	1524.9	1897.0	2725.9	3501.9	4398.3
22.5°	756.4	835.5	928.1	1031.3	1209.6	1613.1	2225.9	3348.2	4628.5	5987.5	7371.7
20°	794.6	887.9	1003.8	1176.1	1549.4	2239.9	3615.4	5418.5	7237.9	9460.4	11382.4
17.5°	837.7	953.3	1104.8	1363.9	1979.1	3458.5	5493.1	7995.1	10810.5	13667.8	16066.9
15°	873.3	1008.6	1211.5	1718.2	2879.5	4842.2	7504.7	10896.3	14735.2	18347.4	21428.6
12.5°	912.6	1070.1	1336.9	2005.5	3710.2	6290.7	9799.4	13973.2	18578.6	23528.1	31365.0
10°	948.9	1131.9	1547.2	2602.1	4667.8	7754.3	11854.4	16557.3	22142.5	32052.3	50577.4
7.5°	979.4	1180.9	1705.3	3046.7	5534.5	9135.2	13529.8	18766.8	27163.9	43813.0	74986.3
5°	1000.1	1213.5	1815.3	3379.6	6224.9	10153.8	14600.8	20221.9	32287.0	58189.0	95724.8
2.5°	1014.7	1231.0	1874.0	3573.6	6661.7	10828.2	15359.7	21200.9	35726.6	66504.5	110482.4
0°	1025.7	1236.2	1885.9	3741.7	6809.7	11056.7	15397.0	21463.8	36905.9	69751.2	115740.7
-2.5°	1014.7	1231.0	1874.0	3573.6	6661.7	10828.2	15359.7	21200.9	35726.6	66504.5	110482.4
-5°	1000.1	1213.5	1815.3	3379.6	6224.9	10153.8	14600.8	20221.9	32287.0	58189.0	95724.8
-7.5°	979.4	1180.9	1705.3	3046.7	5534.5	9135.2	13529.8	18766.8	27163.9	43813.0	74986.3
-10°	948.9	1131.9	1547.2	2602.1	4667.8	7754.3	11854.4	16557.3	22142.5	32052.3	50577.4
-12.5°	912.6	1070.1	1336.9	2005.5	3710.2	6290.7	9799.4	13973.2	18578.6	23528.1	31365.0
-15°	873.3	1008.6	1211.5	1718.2	2879.5	4842.2	7504.7	10896.3	14735.2	18347.4	21428.6
-17.5°	837.7	953.3	1104.8	1363.9	1979.1	3458.5	5493.1	7995.1	10810.5	13667.8	16066.9
-20°	794.6	887.9	1003.8	1176.1	1549.4	2239.9	3615.4	5418.5	7237.9	9460.4	11382.4



REPORT NUMBER: P559239 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	756.4	835.5	928.1	1031.3	1209.6	1613.1	2225.9	3348.2	4628.5	5987.5	7371.7
-25°	718.4	781.9	859.2	943.8	1046.4	1203.2	1524.9	1897.0	2725.9	3501.9	4398.3
-27.5°	681.0	736.6	796.7	862.0	938.4	1024.1	1158.7	1326.2	1612.1	1825.6	2399.4
-30°	642.8	689.3	741.0	797.7	853.3	920.2	990.1	1080.7	1175.7	1284.0	1450.5
-32.5°	611.4	646.7	687.1	733.8	781.1	832.4	886.1	941.4	994.8	1050.4	1106.0
-35°	580.1	609.3	642.4	677.5	715.3	754.1	791.4	834.6	872.5	906.3	934.0
-37.5°	553.3	573.8	601.0	629.1	659.5	690.0	719.1	746.1	769.2	795.6	815.2
-40°	531.0	545.3	566.7	588.6	612.0	631.7	656.5	677.8	695.3	711.2	723.4
-42.5°	512.0	524.8	539.1	556.8	574.8	593.2	609.2	621.0	629.7	640.4	649.4
-45°	496.6	506.8	517.3	530.3	544.0	560.5	575.5	585.0	585.0	585.3	587.5
-47.5°	481.7	491.2	500.1	508.6	518.3	531.0	543.9	550.0	549.5	546.8	545.5
-50°	466.6	476.3	484.5	491.3	498.1	505.6	513.5	517.4	519.0	518.0	516.7
-52.5°	450.2	459.4	468.4	476.0	481.0	485.4	489.4	493.8	496.3	496.7	496.5
-55°	429.8	439.6	448.9	456.6	463.0	468.4	473.0	476.7	479.5	481.6	483.2
-57.5°	405.7	416.8	426.6	434.5	441.9	448.6	454.8	459.9	464.0	467.1	469.8
-60°	378.1	390.1	399.7	408.6	416.8	424.2	430.6	436.8	442.7	447.9	451.8
-62.5°	347.0	358.5	368.3	377.7	386.7	394.3	400.7	406.7	412.2	416.6	419.4
-65°	312.1	322.7	332.9	341.9	349.9	357.1	364.6	371.1	376.7	380.7	383.5
-67.5°	276.2	285.7	295.2	304.0	311.8	318.7	325.4	331.5	337.1	341.4	344.3
-70°	240.0	248.4	256.7	264.6	271.8	278.3	284.2	289.4	294.0	297.9	301.1
-72.5°	202.6	210.3	217.2	223.5	229.5	235.3	240.8	245.6	249.9	253.5	256.4
-75°	163.7	170.5	176.9	182.7	187.8	192.3	196.4	200.2	203.6	206.7	209.2
-77.5°	127.1	132.2	136.9	141.4	145.6	149.7	153.2	156.0	158.2	160.9	163.5
-80°	90.5	94.6	98.3	101.6	104.4	108.0	111.5	114.6	117.4	119.3	120.7
-82.5°	60.2	62.6	64.8	66.9	68.9	71.1	73.4	75.5	77.5	78.7	79.6
-85°	35.3	36.4	37.4	38.5	39.5	40.6	41.6	42.5	43.2	44.5	45.7
-87.5°	14.7	14.6	14.3	14.0	13.6	14.5	15.5	16.4	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: P559239 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	17.8	17.9	18.0	18.0	18.0	17.9	17.8	17.7	17.6	17.4	16.4
85°	46.8	47.9	46.6	45.1	46.6	47.9	46.8	45.7	44.5	43.2	42.5
82.5°	80.3	80.8	81.1	81.2	81.1	80.8	80.3	79.6	78.7	77.5	75.5
80°	121.8	122.7	124.6	126.3	124.6	122.7	121.8	120.7	119.3	117.4	114.6
77.5°	165.7	167.5	168.2	168.4	168.2	167.5	165.7	163.5	160.9	158.2	156.0
75°	211.2	212.5	216.2	219.6	216.2	212.5	211.2	209.2	206.7	203.6	200.2
72.5°	258.7	260.4	262.8	264.7	262.8	260.4	258.7	256.4	253.5	249.9	245.6
70°	303.6	305.4	306.5	306.8	306.5	305.4	303.6	301.1	297.9	294.0	289.4
67.5°	346.3	347.5	347.2	345.9	347.2	347.5	346.3	344.3	341.4	337.1	331.5
65°	385.4	386.6	386.3	385.0	386.3	386.6	385.4	383.5	380.7	376.7	371.1
62.5°	421.5	422.7	423.7	424.1	423.7	422.7	421.5	419.4	416.6	412.2	406.7
60°	455.3	458.2	459.7	460.2	459.7	458.2	455.3	451.8	447.9	442.7	436.8
57.5°	472.2	474.1	475.0	475.2	475.0	474.1	472.2	469.8	467.1	464.0	459.9
55°	484.0	484.0	483.0	481.3	483.0	484.0	484.0	483.2	481.6	479.5	476.7
52.5°	495.5	493.8	493.1	493.3	493.1	493.8	495.5	496.5	496.7	496.3	493.8
50°	515.0	512.2	511.0	511.3	511.0	512.2	515.0	516.7	518.0	519.0	517.4
47.5°	547.3	548.5	549.6	550.4	549.6	548.5	547.3	545.5	546.8	549.5	550.0
45°	593.6	597.8	600.5	601.6	600.5	597.8	593.6	587.5	585.3	585.0	585.0
42.5°	658.3	663.5	665.4	664.7	665.4	663.5	658.3	649.4	640.4	629.7	621.0
40°	736.1	746.2	752.1	752.0	752.1	746.2	736.1	723.4	711.2	695.3	677.8
37.5°	832.9	846.5	853.2	851.2	853.2	846.5	832.9	815.2	795.6	769.2	746.1
35°	955.1	968.5	974.1	980.5	974.1	968.5	955.1	934.0	906.3	872.5	834.6
32.5°	1149.7	1177.1	1187.9	1173.0	1187.9	1177.1	1149.7	1106.0	1050.4	994.8	941.4
30°	1563.1	1662.9	1729.6	1762.6	1729.6	1662.9	1563.1	1450.5	1284.0	1175.7	1080.7
27.5°	2794.3	3055.7	3166.3	3227.4	3166.3	3055.7	2794.3	2399.4	1825.6	1612.1	1326.2
25°	5166.0	5723.8	6044.7	6018.6	6044.7	5723.8	5166.0	4398.3	3501.9	2725.9	1897.0
22.5°	8657.8	9537.8	10065.6	10259.7	10065.6	9537.8	8657.8	7371.7	5987.5	4628.5	3348.2
20°	12986.8	13973.5	14489.6	14566.8	14489.6	13973.5	12986.8	11382.4	9460.4	7237.9	5418.5
17.5°	17955.0	18890.5	19434.3	19427.5	19434.3	18890.5	17955.0	16066.9	13667.8	10810.5	7995.1
15°	25625.1	29246.0	31287.8	30989.5	31287.8	29246.0	25625.1	21428.6	18347.4	14735.2	10896.3
12.5°	41988.6	56450.6	65421.3	67636.7	65421.3	56450.6	41988.6	31365.0	23528.1	18578.6	13973.2
10°	74199.4	95835.5	113114.5	118107.9	113114.5	95835.5	74199.4	50577.4	32052.3	22142.5	16557.3
7.5°	106730.9	132409.5	142977.4	144205.2	142977.4	132409.5	106730.9	74986.3	43813.0	27163.9	18766.8
5°	131285.8	157414.8	160439.0	152842.1	160439.0	157414.8	131285.8	95724.8	58189.0	32287.0	20221.9
2.5°	147494.2	167234.9	170054.2	165965.2	170054.2	167234.9	147494.2	110482.4	66504.5	35726.6	21200.9
0°	151190.8	164623.7	168628.6	169066.2	168628.6	164623.7	151190.8	115740.7	69751.2	36905.9	21463.8
-2.5°	147494.2	167234.9	170054.2	165965.2	170054.2	167234.9	147494.2	110482.4	66504.5	35726.6	21200.9
-5°	131285.8	157414.8	160439.0	152842.1	160439.0	157414.8	131285.8	95724.8	58189.0	32287.0	20221.9
-7.5°	106730.9	132409.5	142977.4	144205.2	142977.4	132409.5	106730.9	74986.3	43813.0	27163.9	18766.8
-10°	74199.4	95835.5	113114.5	118107.9	113114.5	95835.5	74199.4	50577.4	32052.3	22142.5	16557.3
-12.5°	41988.6	56450.6	65421.3	67636.7	65421.3	56450.6	41988.6	31365.0	23528.1	18578.6	13973.2
-15°	25625.1	29246.0	31287.8	30989.5	31287.8	29246.0	25625.1	21428.6	18347.4	14735.2	10896.3
-17.5°	17955.0	18890.5	19434.3	19427.5	19434.3	18890.5	17955.0	16066.9	13667.8	10810.5	7995.1
-20°	12986.8	13973.5	14489.6	14566.8	14489.6	13973.5	12986.8	11382.4	9460.4	7237.9	5418.5



REPORT NUMBER: P559239 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	8657.8	9537.8	10065.6	10259.7	10065.6	9537.8	8657.8	7371.7	5987.5	4628.5	3348.2
-25°	5166.0	5723.8	6044.7	6018.6	6044.7	5723.8	5166.0	4398.3	3501.9	2725.9	1897.0
-27.5°	2794.3	3055.7	3166.3	3227.4	3166.3	3055.7	2794.3	2399.4	1825.6	1612.1	1326.2
-30°	1563.1	1662.9	1729.6	1762.6	1729.6	1662.9	1563.1	1450.5	1284.0	1175.7	1080.7
-32.5°	1149.7	1177.1	1187.9	1173.0	1187.9	1177.1	1149.7	1106.0	1050.4	994.8	941.4
-35°	955.1	968.5	974.1	980.5	974.1	968.5	955.1	934.0	906.3	872.5	834.6
-37.5°	832.9	846.5	853.2	851.2	853.2	846.5	832.9	815.2	795.6	769.2	746.1
-40°	736.1	746.2	752.1	752.0	752.1	746.2	736.1	723.4	711.2	695.3	677.8
-42.5°	658.3	663.5	665.4	664.7	665.4	663.5	658.3	649.4	640.4	629.7	621.0
-45°	593.6	597.8	600.5	601.6	600.5	597.8	593.6	587.5	585.3	585.0	585.0
-47.5°	547.3	548.5	549.6	550.4	549.6	548.5	547.3	545.5	546.8	549.5	550.0
-50°	515.0	512.2	511.0	511.3	511.0	512.2	515.0	516.7	518.0	519.0	517.4
-52.5°	495.5	493.8	493.1	493.3	493.1	493.8	495.5	496.5	496.7	496.3	493.8
-55°	484.0	484.0	483.0	481.3	483.0	484.0	484.0	483.2	481.6	479.5	476.7
-57.5°	472.2	474.1	475.0	475.2	475.0	474.1	472.2	469.8	467.1	464.0	459.9
-60°	455.3	458.2	459.7	460.2	459.7	458.2	455.3	451.8	447.9	442.7	436.8
-62.5°	421.5	422.7	423.7	424.1	423.7	422.7	421.5	419.4	416.6	412.2	406.7
-65°	385.4	386.6	386.3	385.0	386.3	386.6	385.4	383.5	380.7	376.7	371.1
-67.5°	346.3	347.5	347.2	345.9	347.2	347.5	346.3	344.3	341.4	337.1	331.5
-70°	303.6	305.4	306.5	306.8	306.5	305.4	303.6	301.1	297.9	294.0	289.4
-72.5°	258.7	260.4	262.8	264.7	262.8	260.4	258.7	256.4	253.5	249.9	245.6
-75°	211.2	212.5	216.2	219.6	216.2	212.5	211.2	209.2	206.7	203.6	200.2
-77.5°	165.7	167.5	168.2	168.4	168.2	167.5	165.7	163.5	160.9	158.2	156.0
-80°	121.8	122.7	124.6	126.3	124.6	122.7	121.8	120.7	119.3	117.4	114.6
-82.5°	80.3	80.8	81.1	81.2	81.1	80.8	80.3	79.6	78.7	77.5	75.5
-85°	46.8	47.9	46.6	45.1	46.6	47.9	46.8	45.7	44.5	43.2	42.5
-87.5°	17.8	17.9	18.0	18.0	18.0	17.9	17.8	17.7	17.6	17.4	16.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559239 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	15.5	14.5	13.6	14.0	14.3	14.6	14.7	14.3	13.8	13.3	12.7
85°	41.6	40.6	39.5	38.5	37.4	36.4	35.3	33.4	31.6	29.8	28.0
82.5°	73.4	71.1	68.9	66.9	64.8	62.6	60.2	57.4	54.2	50.7	46.8
80°	111.5	108.0	104.4	101.6	98.3	94.6	90.5	86.5	82.3	78.4	74.2
77.5°	153.2	149.7	145.6	141.4	136.9	132.2	127.1	121.3	115.4	109.4	103.2
75°	196.4	192.3	187.8	182.7	176.9	170.5	163.7	156.7	149.2	141.4	133.2
72.5°	240.8	235.3	229.5	223.5	217.2	210.3	202.6	194.1	184.8	174.7	164.7
70°	284.2	278.3	271.8	264.6	256.7	248.4	240.0	231.3	222.0	211.3	198.9
67.5°	325.4	318.7	311.8	304.0	295.2	285.7	276.2	266.3	255.7	244.6	231.7
65°	364.6	357.1	349.9	341.9	332.9	322.7	312.1	301.0	289.1	276.5	262.6
62.5°	400.7	394.3	386.7	377.7	368.3	358.5	347.0	334.4	321.5	308.1	292.8
60°	430.6	424.2	416.8	408.6	399.7	390.1	378.1	365.5	352.2	337.3	321.7
57.5°	454.8	448.6	441.9	434.5	426.6	416.8	405.7	394.1	380.1	365.0	349.0
55°	473.0	468.4	463.0	456.6	448.9	439.6	429.8	418.4	405.1	391.2	374.2
52.5°	489.4	485.4	481.0	476.0	468.4	459.4	450.2	439.0	427.3	413.1	397.6
50°	513.5	505.6	498.1	491.3	484.5	476.3	466.6	456.8	445.8	432.6	417.9
47.5°	543.9	531.0	518.3	508.6	500.1	491.2	481.7	471.8	461.5	449.8	435.3
45°	575.5	560.5	544.0	530.3	517.3	506.8	496.6	486.6	476.2	464.4	451.2
42.5°	609.2	593.2	574.8	556.8	539.1	524.8	512.0	501.4	490.0	478.4	464.8
40°	656.5	631.7	612.0	588.6	566.7	545.3	531.0	516.7	504.3	491.1	477.8
37.5°	719.1	690.0	659.5	629.1	601.0	573.8	553.3	535.8	519.1	504.7	489.6
35°	791.4	754.1	715.3	677.5	642.4	609.3	580.1	557.1	537.6	519.5	502.2
32.5°	886.1	832.4	781.1	733.8	687.1	646.7	611.4	581.7	557.7	537.0	516.5
30°	990.1	920.2	853.3	797.7	741.0	689.3	642.8	607.5	579.6	555.7	531.7
27.5°	1158.7	1024.1	938.4	862.0	796.7	736.6	681.0	630.7	599.8	574.4	548.3
25°	1524.9	1203.2	1046.4	943.8	859.2	781.9	718.4	660.9	618.0	590.3	557.3
22.5°	2225.9	1613.1	1209.6	1031.3	928.1	835.5	756.4	691.6	632.1	597.2	563.4
20°	3615.4	2239.9	1549.4	1176.1	1003.8	887.9	794.6	721.5	655.7	605.2	567.6
17.5°	5493.1	3458.5	1979.1	1363.9	1104.8	953.3	837.7	749.0	676.9	613.8	570.1
15°	7504.7	4842.2	2879.5	1718.2	1211.5	1008.6	873.3	774.3	696.5	626.8	576.5
12.5°	9799.4	6290.7	3710.2	2005.5	1336.9	1070.1	912.6	802.1	716.1	642.3	586.5
10°	11854.4	7754.3	4667.8	2602.1	1547.2	1131.9	948.9	826.8	734.2	655.2	594.4
7.5°	13529.8	9135.2	5534.5	3046.7	1705.3	1180.9	979.4	847.5	749.2	664.7	600.1
5°	14600.8	10153.8	6224.9	3379.6	1815.3	1213.5	1000.1	863.0	760.4	670.6	603.7
2.5°	15359.7	10828.2	6661.7	3573.6	1874.0	1231.0	1014.7	872.3	768.8	677.9	609.6
0°	15397.0	11056.7	6809.7	3741.7	1885.9	1236.2	1025.7	875.3	773.0	682.8	613.6
-2.5°	15359.7	10828.2	6661.7	3573.6	1874.0	1231.0	1014.7	872.3	768.8	677.9	609.6
-5°	14600.8	10153.8	6224.9	3379.6	1815.3	1213.5	1000.1	863.0	760.4	670.6	603.7
-7.5°	13529.8	9135.2	5534.5	3046.7	1705.3	1180.9	979.4	847.5	749.2	664.7	600.1
-10°	11854.4	7754.3	4667.8	2602.1	1547.2	1131.9	948.9	826.8	734.2	655.2	594.4
-12.5°	9799.4	6290.7	3710.2	2005.5	1336.9	1070.1	912.6	802.1	716.1	642.3	586.5
-15°	7504.7	4842.2	2879.5	1718.2	1211.5	1008.6	873.3	774.3	696.5	626.8	576.5
-17.5°	5493.1	3458.5	1979.1	1363.9	1104.8	953.3	837.7	749.0	676.9	613.8	570.1
-20°	3615.4	2239.9	1549.4	1176.1	1003.8	887.9	794.6	721.5	655.7	605.2	567.6



REPORT NUMBER: P559239 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	2225.9	1613.1	1209.6	1031.3	928.1	835.5	756.4	691.6	632.1	597.2	563.4
-25°	1524.9	1203.2	1046.4	943.8	859.2	781.9	718.4	660.9	618.0	590.3	557.3
-27.5°	1158.7	1024.1	938.4	862.0	796.7	736.6	681.0	630.7	599.8	574.4	548.3
-30°	990.1	920.2	853.3	797.7	741.0	689.3	642.8	607.5	579.6	555.7	531.7
-32.5°	886.1	832.4	781.1	733.8	687.1	646.7	611.4	581.7	557.7	537.0	516.5
-35°	791.4	754.1	715.3	677.5	642.4	609.3	580.1	557.1	537.6	519.5	502.2
-37.5°	719.1	690.0	659.5	629.1	601.0	573.8	553.3	535.8	519.1	504.7	489.6
-40°	656.5	631.7	612.0	588.6	566.7	545.3	531.0	516.7	504.3	491.1	477.8
-42.5°	609.2	593.2	574.8	556.8	539.1	524.8	512.0	501.4	490.0	478.4	464.8
-45°	575.5	560.5	544.0	530.3	517.3	506.8	496.6	486.6	476.2	464.4	451.2
-47.5°	543.9	531.0	518.3	508.6	500.1	491.2	481.7	471.8	461.5	449.8	435.3
-50°	513.5	505.6	498.1	491.3	484.5	476.3	466.6	456.8	445.8	432.6	417.9
-52.5°	489.4	485.4	481.0	476.0	468.4	459.4	450.2	439.0	427.3	413.1	397.6
-55°	473.0	468.4	463.0	456.6	448.9	439.6	429.8	418.4	405.1	391.2	374.2
-57.5°	454.8	448.6	441.9	434.5	426.6	416.8	405.7	394.1	380.1	365.0	349.0
-60°	430.6	424.2	416.8	408.6	399.7	390.1	378.1	365.5	352.2	337.3	321.7
-62.5°	400.7	394.3	386.7	377.7	368.3	358.5	347.0	334.4	321.5	308.1	292.8
-65°	364.6	357.1	349.9	341.9	332.9	322.7	312.1	301.0	289.1	276.5	262.6
-67.5°	325.4	318.7	311.8	304.0	295.2	285.7	276.2	266.3	255.7	244.6	231.7
-70°	284.2	278.3	271.8	264.6	256.7	248.4	240.0	231.3	222.0	211.3	198.9
-72.5°	240.8	235.3	229.5	223.5	217.2	210.3	202.6	194.1	184.8	174.7	164.7
-75°	196.4	192.3	187.8	182.7	176.9	170.5	163.7	156.7	149.2	141.4	133.2
-77.5°	153.2	149.7	145.6	141.4	136.9	132.2	127.1	121.3	115.4	109.4	103.2
-80°	111.5	108.0	104.4	101.6	98.3	94.6	90.5	86.5	82.3	78.4	74.2
-82.5°	73.4	71.1	68.9	66.9	64.8	62.6	60.2	57.4	54.2	50.7	46.8
-85°	41.6	40.6	39.5	38.5	37.4	36.4	35.3	33.4	31.6	29.8	28.0
-87.5°	15.5	14.5	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: P559239 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	12.2	11.6	11.0	10.3	9.7	9.0	8.3	7.6	6.9	6.2	5.4
85°	26.7	25.3	23.7	22.0	20.1	18.0	16.6	15.2	13.8	12.3	10.8
82.5°	43.8	41.8	39.7	37.5	35.0	32.2	29.2	26.0	22.3	18.7	16.2
80°	69.5	64.8	60.2	55.5	51.0	46.5	42.7	38.5	33.3	28.3	23.5
77.5°	96.5	89.6	82.4	75.9	69.6	63.5	57.4	51.2	44.3	37.9	31.7
75°	124.6	116.2	107.6	98.7	89.5	80.3	72.6	64.9	56.5	47.5	39.7
72.5°	155.2	144.8	133.8	122.2	111.5	100.5	89.3	78.5	69.0	58.9	48.3
70°	186.4	174.2	161.9	148.3	134.3	120.7	107.9	94.9	81.5	70.3	58.4
67.5°	217.9	203.2	188.9	174.0	158.2	142.3	126.5	111.6	96.7	81.5	68.5
65°	247.7	231.7	214.9	198.3	181.2	163.7	145.9	128.5	111.6	94.9	78.4
62.5°	276.9	260.2	241.8	222.4	203.5	184.4	165.0	145.9	126.5	107.9	89.3
60°	305.2	287.2	267.8	246.8	225.6	204.6	183.7	163.0	141.9	120.7	100.5
57.5°	331.4	313.2	292.2	270.2	247.4	224.5	202.1	179.7	157.0	133.9	111.5
55°	356.6	337.0	315.4	292.4	268.3	243.8	220.1	196.0	171.6	147.0	122.2
52.5°	379.8	359.5	337.1	313.6	288.5	262.8	237.9	211.9	186.0	159.7	133.2
50°	400.8	380.3	357.5	333.3	307.8	281.4	255.4	227.8	199.9	172.0	144.1
47.5°	419.2	399.1	376.5	352.0	325.5	299.2	271.8	243.4	213.3	183.9	154.8
45°	435.0	416.4	394.1	369.0	343.2	315.9	287.3	258.6	227.0	195.6	165.0
42.5°	449.8	431.5	410.1	385.4	359.7	332.0	302.1	272.2	240.2	206.8	174.9
40°	462.4	445.4	425.0	400.9	375.5	347.6	316.4	284.9	253.0	217.7	184.3
37.5°	474.3	457.5	437.7	416.5	390.7	361.8	330.2	296.9	264.6	228.4	193.2
35°	485.5	468.2	450.9	430.0	404.7	375.5	343.5	308.4	274.6	238.5	201.6
32.5°	496.4	478.5	461.0	441.5	418.2	388.7	355.7	319.5	284.1	247.9	209.6
30°	508.7	487.6	470.2	452.2	430.3	400.6	366.7	329.6	292.9	256.6	217.2
27.5°	518.6	495.0	478.2	460.5	439.4	411.7	376.3	338.8	301.2	264.4	224.3
25°	526.7	502.4	484.3	467.6	447.8	420.7	385.1	346.9	308.7	271.1	230.8
22.5°	533.2	508.5	489.0	474.0	455.6	428.7	392.7	354.1	315.5	277.2	236.7
20°	536.8	512.8	492.7	479.3	462.2	434.7	399.2	360.5	321.4	282.7	242.0
17.5°	538.0	516.2	497.1	482.9	467.1	440.7	405.0	366.1	326.5	287.6	246.6
15°	543.1	519.3	500.5	485.9	471.2	446.5	409.9	370.9	330.7	291.9	250.6
12.5°	548.4	521.6	502.7	488.3	474.6	452.1	413.9	374.8	334.2	295.5	254.0
10°	553.0	523.2	503.8	490.2	477.4	457.3	417.1	378.0	337.7	298.5	256.8
7.5°	556.8	524.1	504.0	491.6	479.5	461.4	420.0	380.4	340.8	300.8	258.9
5°	559.6	524.4	503.8	492.6	481.5	464.1	422.3	381.8	343.2	302.5	260.5
2.5°	561.7	524.3	503.3	493.1	483.1	465.7	423.6	382.3	344.9	303.5	261.4
0°	562.5	523.4	502.3	493.3	484.3	466.2	424.1	382.0	345.9	303.8	261.7
-2.5°	561.7	524.3	503.3	493.1	483.1	465.7	423.6	382.3	344.9	303.5	261.4
-5°	559.6	524.4	503.8	492.6	481.5	464.1	422.3	381.8	343.2	302.5	260.5
-7.5°	556.8	524.1	504.0	491.6	479.5	461.4	420.0	380.4	340.8	300.8	258.9
-10°	553.0	523.2	503.8	490.2	477.4	457.3	417.1	378.0	337.7	298.5	256.8
-12.5°	548.4	521.6	502.7	488.3	474.6	452.1	413.9	374.8	334.2	295.5	254.0
-15°	543.1	519.3	500.5	485.9	471.2	446.5	409.9	370.9	330.7	291.9	250.6
-17.5°	538.0	516.2	497.1	482.9	467.1	440.7	405.0	366.1	326.5	287.6	246.6
-20°	536.8	512.8	492.7	479.3	462.2	434.7	399.2	360.5	321.4	282.7	242.0



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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°	533.2	508.5	489.0	474.0	455.6	428.7	392.7	354.1	315.5	277.2	236.7
-25°	526.7	502.4	484.3	467.6	447.8	420.7	385.1	346.9	308.7	271.1	230.8
-27.5°	518.6	495.0	478.2	460.5	439.4	411.7	376.3	338.8	301.2	264.4	224.3
-30°	508.7	487.6	470.2	452.2	430.3	400.6	366.7	329.6	292.9	256.6	217.2
-32.5°	496.4	478.5	461.0	441.5	418.2	388.7	355.7	319.5	284.1	247.9	209.6
-35°	485.5	468.2	450.9	430.0	404.7	375.5	343.5	308.4	274.6	238.5	201.6
-37.5°	474.3	457.5	437.7	416.5	390.7	361.8	330.2	296.9	264.6	228.4	193.2
-40°	462.4	445.4	425.0	400.9	375.5	347.6	316.4	284.9	253.0	217.7	184.3
-42.5°	449.8	431.5	410.1	385.4	359.7	332.0	302.1	272.2	240.2	206.8	174.9
-45°	435.0	416.4	394.1	369.0	343.2	315.9	287.3	258.6	227.0	195.6	165.0
-47.5°	419.2	399.1	376.5	352.0	325.5	299.2	271.8	243.4	213.3	183.9	154.8
-50°	400.8	380.3	357.5	333.3	307.8	281.4	255.4	227.8	199.9	172.0	144.1
-52.5°	379.8	359.5	337.1	313.6	288.5	262.8	237.9	211.9	186.0	159.7	133.2
-55°	356.6	337.0	315.4	292.4	268.3	243.8	220.1	196.0	171.6	147.0	122.2
-57.5°	331.4	313.2	292.2	270.2	247.4	224.5	202.1	179.7	157.0	133.9	111.5
-60°	305.2	287.2	267.8	246.8	225.6	204.6	183.7	163.0	141.9	120.7	100.5
-62.5°	276.9	260.2	241.8	222.4	203.5	184.4	165.0	145.9	126.5	107.9	89.3
-65°	247.7	231.7	214.9	198.3	181.2	163.7	145.9	128.5	111.6	94.9	78.4
-67.5°	217.9	203.2	188.9	174.0	158.2	142.3	126.5	111.6	96.7	81.5	68.5
-70°	186.4	174.2	161.9	148.3	134.3	120.7	107.9	94.9	81.5	70.3	58.4
-72.5°	155.2	144.8	133.8	122.2	111.5	100.5	89.3	78.5	69.0	58.9	48.3
-75°	124.6	116.2	107.6	98.7	89.5	80.3	72.6	64.9	56.5	47.5	39.7
-77.5°	96.5	89.6	82.4	75.9	69.6	63.5	57.4	51.2	44.3	37.9	31.7
-80°	69.5	64.8	60.2	55.5	51.0	46.5	42.7	38.5	33.3	28.3	23.5
-82.5°	43.8	41.8	39.7	37.5	35.0	32.2	29.2	26.0	22.3	18.7	16.2
-85°	26.7	25.3	23.7	22.0	20.1	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°	18.8	15.5	12.4	9.4	6.2	3.1	0.0
77.5°	25.7	20.1	15.5	11.7	7.8	3.9	0.0
75°	32.6	26.0	18.9	13.9	9.3	4.7	0.0
72.5°	39.4	31.8	23.7	16.2	10.8	5.4	0.0
70°	46.5	37.6	28.4	18.7	12.3	6.2	0.0
67.5°	55.2	43.3	33.1	22.3	13.8	6.9	0.0
65°	63.8	49.7	37.7	25.8	15.2	7.6	0.0
62.5°	72.1	56.5	42.3	29.3	16.6	8.3	0.0
60°	80.3	63.2	46.8	32.7	18.0	9.0	0.0
57.5°	89.5	69.8	51.9	36.1	20.2	9.7	0.0
55°	98.7	76.1	56.9	39.3	22.4	10.3	0.0
52.5°	107.6	82.4	61.7	42.5	24.5	11.0	0.0
50°	116.2	89.6	66.4	45.6	26.6	11.6	0.0
47.5°	124.6	96.5	70.9	48.7	28.5	12.2	0.0
45°	133.4	103.2	75.2	51.9	30.4	12.7	0.0
42.5°	141.9	109.5	79.3	55.0	32.3	13.3	0.0
40°	150.1	115.6	83.6	57.9	34.0	13.8	0.0
37.5°	157.9	121.4	88.2	60.6	35.6	14.3	0.0
35°	165.4	127.3	92.6	63.2	37.2	14.7	0.0
32.5°	172.4	133.2	96.7	65.6	38.7	15.2	0.0
30°	178.8	138.6	100.6	67.8	40.0	15.6	0.0
27.5°	184.7	143.8	104.2	69.9	41.3	16.0	0.0
25°	190.2	148.5	107.7	71.9	42.4	16.3	0.0
22.5°	195.3	152.9	110.8	73.6	43.5	16.6	0.0
20°	199.8	156.8	113.8	75.2	44.5	16.9	0.0
17.5°	203.8	160.3	116.4	76.6	45.3	17.2	0.0
15°	207.2	163.3	118.7	77.8	46.0	17.4	0.0
12.5°	210.0	165.8	120.8	78.8	46.7	17.6	0.0
10°	212.4	167.8	122.5	79.7	47.2	17.7	0.0
7.5°	214.2	169.4	124.0	80.3	47.6	17.8	0.0
5°	215.5	170.5	125.1	80.8	47.9	17.9	0.0
2.5°	216.3	171.2	125.9	81.1	48.0	18.0	0.0
0°	216.6	171.4	126.3	81.2	48.1	18.0	0.0
-2.5°	216.3	171.2	125.9	81.1	48.0	18.0	0.0
-5°	215.5	170.5	125.1	80.8	47.9	17.9	0.0
-7.5°	214.2	169.4	124.0	80.3	47.6	17.8	0.0
-10°	212.4	167.8	122.5	79.7	47.2	17.7	0.0
-12.5°	210.0	165.8	120.8	78.8	46.7	17.6	0.0
-15°	207.2	163.3	118.7	77.8	46.0	17.4	0.0
-17.5°	203.8	160.3	116.4	76.6	45.3	17.2	0.0
-20°	199.8	156.8	113.8	75.2	44.5	16.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	195.3	152.9	110.8	73.6	43.5	16.6	0.0
-25°	190.2	148.5	107.7	71.9	42.4	16.3	0.0
-27.5°	184.7	143.8	104.2	69.9	41.3	16.0	0.0
-30°	178.8	138.6	100.6	67.8	40.0	15.6	0.0
-32.5°	172.4	133.2	96.7	65.6	38.7	15.2	0.0
-35°	165.4	127.3	92.6	63.2	37.2	14.7	0.0
-37.5°	157.9	121.4	88.2	60.6	35.6	14.3	0.0
-40°	150.1	115.6	83.6	57.9	34.0	13.8	0.0
-42.5°	141.9	109.5	79.3	55.0	32.3	13.3	0.0
-45°	133.4	103.2	75.2	51.9	30.4	12.7	0.0
-47.5°	124.6	96.5	70.9	48.7	28.5	12.2	0.0
-50°	116.2	89.6	66.4	45.6	26.6	11.6	0.0
-52.5°	107.6	82.4	61.7	42.5	24.5	11.0	0.0
-55°	98.7	76.1	56.9	39.3	22.4	10.3	0.0
-57.5°	89.5	69.8	51.9	36.1	20.2	9.7	0.0
-60°	80.3	63.2	46.8	32.7	18.0	9.0	0.0
-62.5°	72.1	56.5	42.3	29.3	16.6	8.3	0.0
-65°	63.8	49.7	37.7	25.8	15.2	7.6	0.0
-67.5°	55.2	43.3	33.1	22.3	13.8	6.9	0.0
-70°	46.5	37.6	28.4	18.7	12.3	6.2	0.0
-72.5°	39.4	31.8	23.7	16.2	10.8	5.4	0.0
-75°	32.6	26.0	18.9	13.9	9.3	4.7	0.0
-77.5°	25.7	20.1	15.5	11.7	7.8	3.9	0.0
-80°	18.8	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)