

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: P559036 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-927-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559036 (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-SA5C-927-U-MR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (80) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

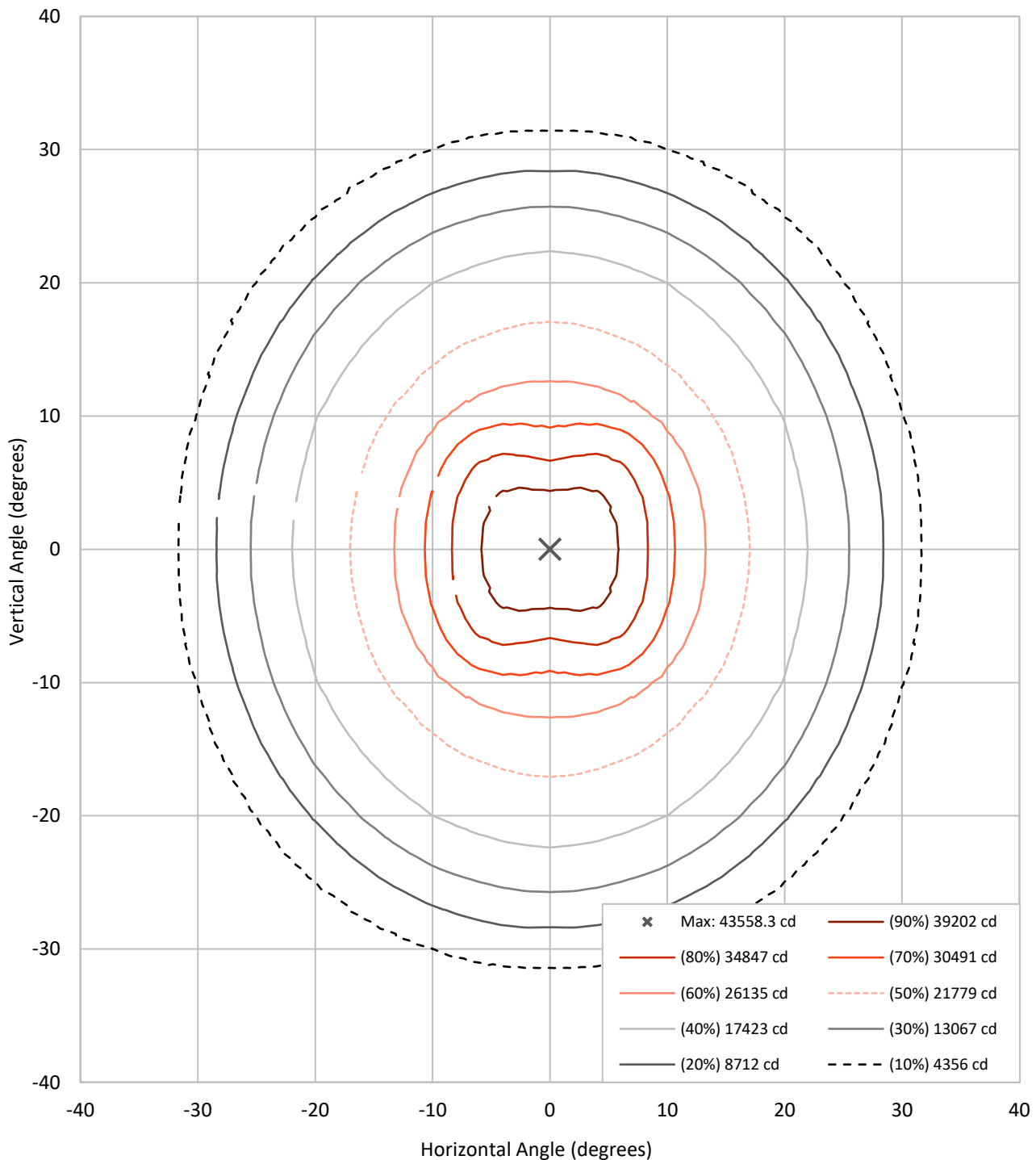
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	19269 lumens	Max Intensity:	43558.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	95.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	8207.4 lumens	Field Lumens:	16774.2 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 201
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





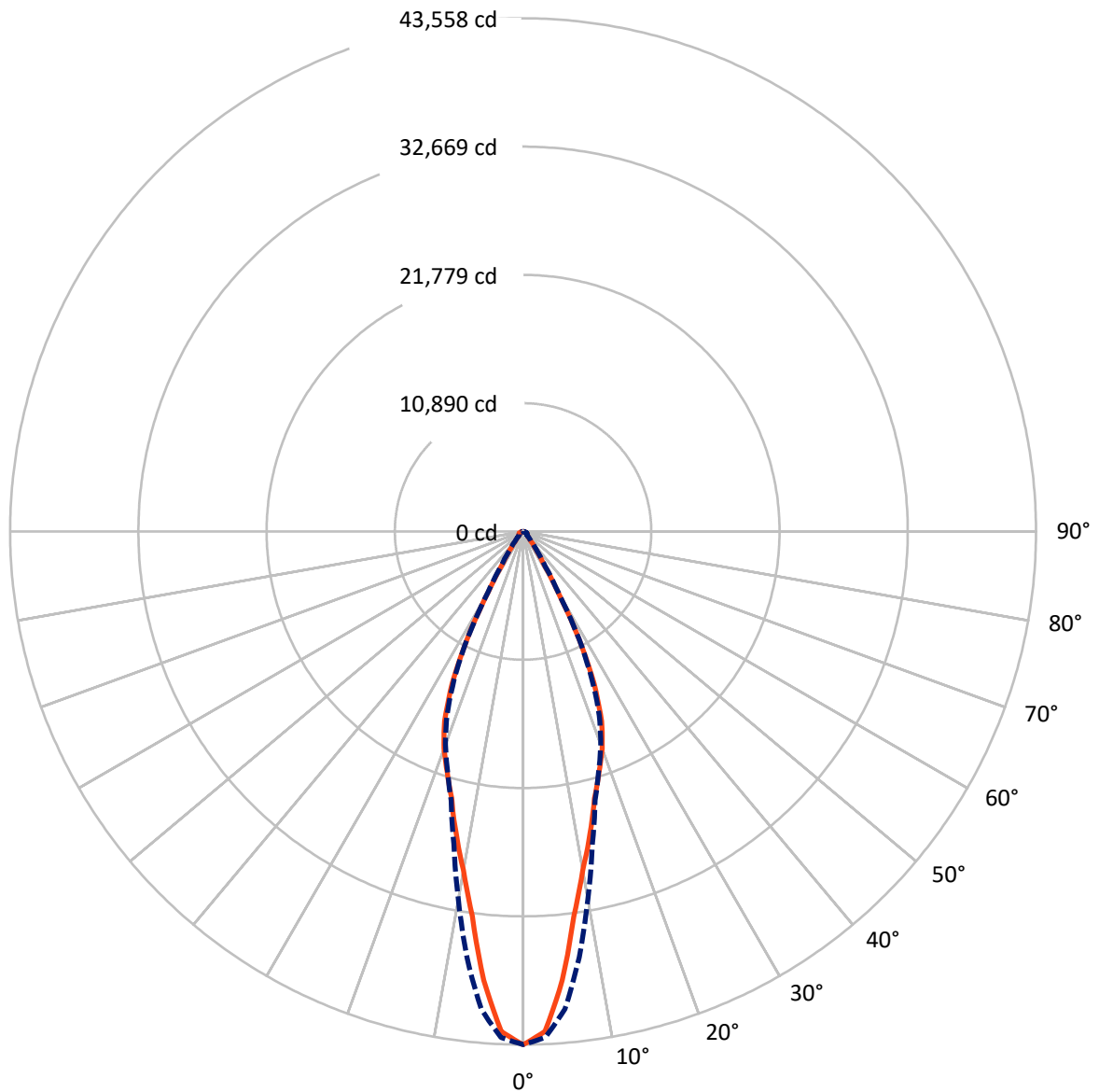
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Lumen Table

90	0.3	2.1		6.0		9.8		11.5		9.8		6.0		2.1		0.3			
80	0.3	2.1		6.0		9.8		11.5		9.8		6.0		2.1		0.3			
70	1.0	1.1	2.5	4.2	6.2	8.0	9.4	10.2	10.2	9.4	8.0	6.2	4.2	2.5	1.1	1.0			
60		1.8	4.0	6.8	9.3	10.5	11.1	11.4	11.4	11.1	10.5	9.3	6.8	4.0	1.8				
50	1.8	2.5	5.4	8.2	9.6	11.9	15.2	17.6	17.6	15.2	11.9	9.6	8.2	5.4	2.5	1.8			
40		3.2	6.4	8.3	12.4	24.6	46.7	71.3	71.3	46.7	24.6	12.4	8.3	6.4	3.2				
30	2.5	3.7	6.6	9.2	22.6	75.0	235.8	388.2	388.2	235.8	75.0	22.6	9.2	6.6	3.7	2.5			
20		4.0	6.6	11.4	42.1	222.2	525.2	695.6	695.6	525.2	222.2	42.1	11.4	6.6	4.0				
10	2.7	4.2	6.6	13.1	64.0	350.1	683.0	1077.8	1077.8	683.0	350.1	64.0	13.1	6.6	4.2	2.7			
0		4.2	6.6	13.1	64.0	350.1	683.0	1077.8	1077.8	683.0	350.1	64.0	13.1	6.6	4.2				
-10	2.5	4.0	6.6	11.4	42.1	222.2	525.2	695.6	695.6	525.2	222.2	42.1	11.4	6.6	4.0	2.5			
-20		3.7	6.6	9.2	22.6	75.0	235.8	388.2	388.2	235.8	75.0	22.6	9.2	6.6	3.7				
-30	1.8	3.2	6.4	8.3	12.4	24.6	46.7	71.3	71.3	46.7	24.6	12.4	8.3	6.4	3.2	1.8			
-40		2.5	5.4	8.2	9.6	11.9	15.2	17.6	17.6	15.2	11.9	9.6	8.2	5.4	2.5				
-50	1.0	1.8	4.0	6.8	9.3	10.5	11.1	11.4	11.4	11.1	10.5	9.3	6.8	4.0	1.8	1.0			
-60		1.1	2.5	4.2	6.2	8.0	9.4	10.2	10.2	9.4	8.0	6.2	4.2	2.5	1.1				
-70	0.3	2.1		6.0		9.8		11.5		9.8		6.0		2.1		0.3			
-80		2.1		6.0		9.8		11.5		9.8		6.0		2.1					
-90	0.3	2.1		6.0		9.8		11.5		9.8		6.0		2.1		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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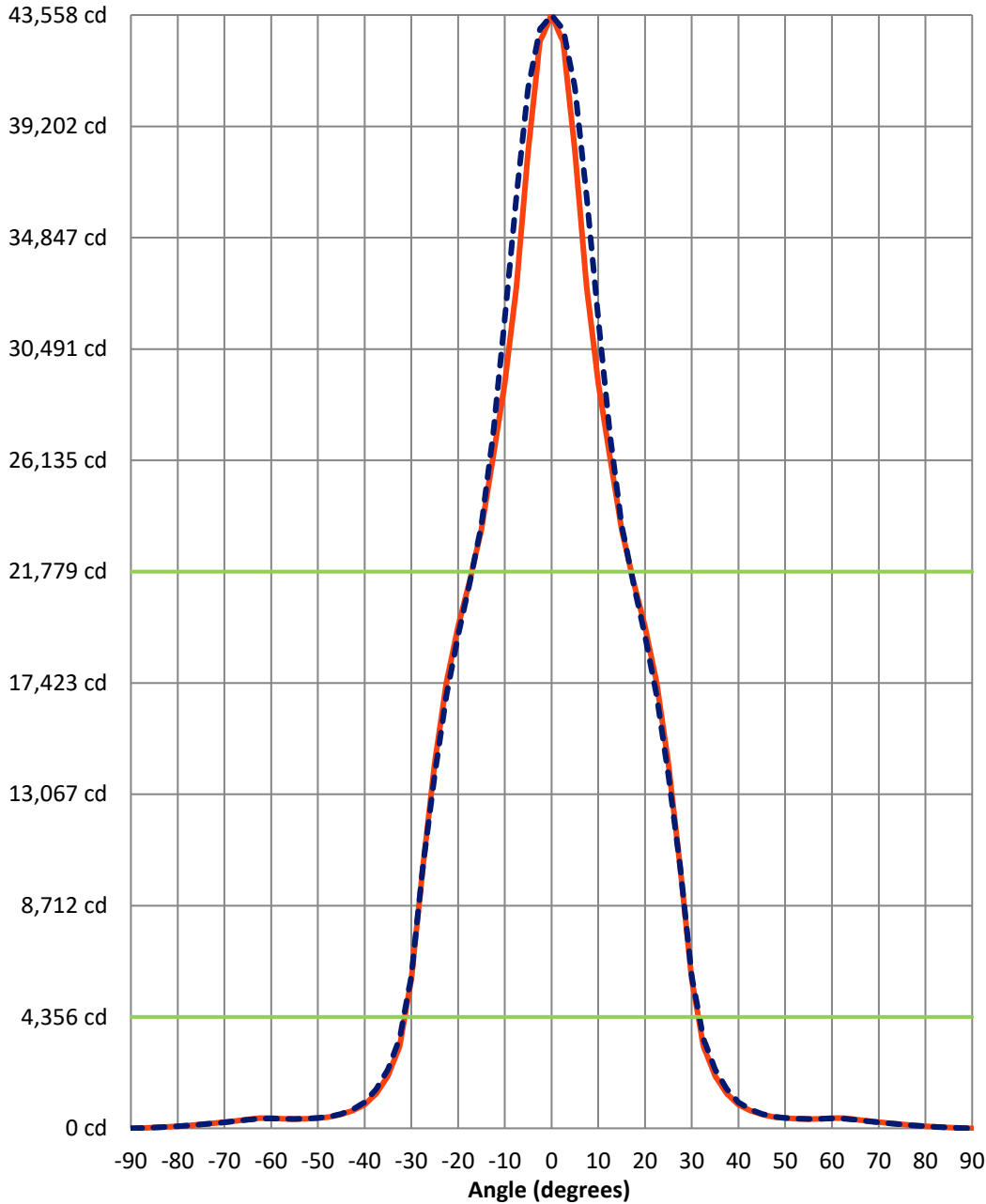
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 34°
 V Angle: 34.1°
 Lumens: 8207.4
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 16774.2
 Efficiency: 87.1%

Spill:
 Lumens: 2494.8
 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	0.5	1.0	1.4	1.9	2.4	2.9	3.3	3.8	4.2	4.7
85°	0.0	1.0	1.9	2.9	3.9	4.8	5.7	6.7	7.6	8.5	9.4
82.5°	0.0	1.4	2.9	4.3	5.8	7.2	8.6	10.0	11.6	13.9	16.0
80°	0.0	1.9	3.9	5.8	7.7	9.6	11.7	15.0	18.1	21.1	23.8
77.5°	0.0	2.4	4.8	7.2	9.6	12.6	16.9	20.9	24.7	28.2	31.9
75°	0.0	2.9	5.7	8.6	11.7	16.7	21.9	26.8	31.3	36.1	41.0
72.5°	0.0	3.3	6.7	10.0	14.9	20.8	27.0	32.6	38.3	44.0	50.0
70°	0.0	3.8	7.6	11.5	18.1	24.9	31.9	38.6	45.1	51.9	60.7
67.5°	0.0	4.2	8.5	13.8	21.2	28.8	36.9	44.4	51.9	61.9	71.7
65°	0.0	4.7	9.4	16.1	24.2	32.9	41.8	50.1	60.7	71.7	83.5
62.5°	0.0	5.1	10.2	18.3	27.2	37.1	46.7	57.0	69.3	81.9	97.0
60°	0.0	5.5	11.1	20.4	30.1	41.2	51.5	64.4	77.7	93.9	110.4
57.5°	0.0	6.0	12.5	22.5	33.4	45.3	57.6	71.6	87.7	105.7	124.0
55°	0.0	6.4	13.9	24.5	36.7	49.3	63.7	78.7	97.9	117.2	137.4
52.5°	0.0	6.8	15.2	26.5	39.9	53.4	69.6	87.2	107.8	128.7	150.3
50°	0.0	7.1	16.5	28.3	43.0	58.2	75.4	95.5	117.4	139.7	163.9
47.5°	0.0	7.5	17.7	30.3	46.1	62.8	81.1	103.5	126.7	150.2	177.3
45°	0.0	7.8	19.0	32.5	49.0	67.3	87.5	111.1	135.6	162.0	190.3
42.5°	0.0	8.2	20.1	34.6	51.9	71.6	93.7	118.4	144.1	173.4	203.8
40°	0.0	8.5	21.3	36.7	54.9	75.7	99.5	125.6	152.9	184.5	216.8
37.5°	0.0	8.8	22.4	38.7	58.0	79.5	104.9	132.5	162.2	195.1	229.2
35°	0.0	9.1	23.4	40.5	61.0	83.6	110.0	139.0	171.0	205.5	241.2
32.5°	0.0	9.4	24.4	42.2	63.7	87.6	114.9	145.2	179.2	215.3	252.6
30°	0.0	9.6	25.3	43.8	66.3	91.3	119.8	151.3	186.8	224.5	263.3
27.5°	0.0	9.8	26.2	45.2	68.5	94.7	124.4	157.4	194.0	233.0	273.2
25°	0.0	10.1	27.0	46.5	70.5	97.8	128.6	163.1	200.9	241.0	282.4
22.5°	0.0	10.3	27.7	47.6	72.4	100.5	132.5	168.2	207.2	248.4	291.6
20°	0.0	10.4	28.4	48.6	74.0	102.8	136.0	172.8	212.8	255.1	299.8
17.5°	0.0	10.6	29.0	49.5	75.4	104.9	139.2	176.8	217.8	261.0	307.0
15°	0.0	10.7	29.6	50.2	76.6	106.6	141.9	180.3	222.2	266.1	313.2
12.5°	0.0	10.8	30.1	50.8	77.6	108.1	144.2	183.4	225.8	270.5	318.3
10°	0.0	10.9	30.5	51.2	78.4	109.3	146.2	185.8	228.6	274.4	323.0
7.5°	0.0	11.0	30.8	51.5	78.9	110.1	147.7	187.8	230.7	277.7	327.7
5°	0.0	11.1	31.1	51.7	79.3	110.7	148.8	189.2	232.1	280.2	331.6
2.5°	0.0	11.1	31.3	51.8	79.5	110.9	149.5	190.0	232.8	281.9	334.5
0°	0.0	11.1	31.4	51.7	79.4	110.9	149.7	190.3	232.8	282.7	336.3
-2.5°	0.0	11.1	31.3	51.8	79.5	110.9	149.5	190.0	232.8	281.9	334.5
-5°	0.0	11.1	31.1	51.7	79.3	110.7	148.8	189.2	232.1	280.2	331.6
-7.5°	0.0	11.0	30.8	51.5	78.9	110.1	147.7	187.8	230.7	277.7	327.7
-10°	0.0	10.9	30.5	51.2	78.4	109.3	146.2	185.8	228.6	274.4	323.0
-12.5°	0.0	10.8	30.1	50.8	77.6	108.1	144.2	183.4	225.8	270.5	318.3
-15°	0.0	10.7	29.6	50.2	76.6	106.6	141.9	180.3	222.2	266.1	313.2
-17.5°	0.0	10.6	29.0	49.5	75.4	104.9	139.2	176.8	217.8	261.0	307.0
-20°	0.0	10.4	28.4	48.6	74.0	102.8	136.0	172.8	212.8	255.1	299.8



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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	10.3	27.7	47.6	72.4	100.5	132.5	168.2	207.2	248.4	291.6
-25°	0.0	10.1	27.0	46.5	70.5	97.8	128.6	163.1	200.9	241.0	282.4
-27.5°	0.0	9.8	26.2	45.2	68.5	94.7	124.4	157.4	194.0	233.0	273.2
-30°	0.0	9.6	25.3	43.8	66.3	91.3	119.8	151.3	186.8	224.5	263.3
-32.5°	0.0	9.4	24.4	42.2	63.7	87.6	114.9	145.2	179.2	215.3	252.6
-35°	0.0	9.1	23.4	40.5	61.0	83.6	110.0	139.0	171.0	205.5	241.2
-37.5°	0.0	8.8	22.4	38.7	58.0	79.5	104.9	132.5	162.2	195.1	229.2
-40°	0.0	8.5	21.3	36.7	54.9	75.7	99.5	125.6	152.9	184.5	216.8
-42.5°	0.0	8.2	20.1	34.6	51.9	71.6	93.7	118.4	144.1	173.4	203.8
-45°	0.0	7.8	19.0	32.5	49.0	67.3	87.5	111.1	135.6	162.0	190.3
-47.5°	0.0	7.5	17.7	30.3	46.1	62.8	81.1	103.5	126.7	150.2	177.3
-50°	0.0	7.1	16.5	28.3	43.0	58.2	75.4	95.5	117.4	139.7	163.9
-52.5°	0.0	6.8	15.2	26.5	39.9	53.4	69.6	87.2	107.8	128.7	150.3
-55°	0.0	6.4	13.9	24.5	36.7	49.3	63.7	78.7	97.9	117.2	137.4
-57.5°	0.0	6.0	12.5	22.5	33.4	45.3	57.6	71.6	87.7	105.7	124.0
-60°	0.0	5.5	11.1	20.4	30.1	41.2	51.5	64.4	77.7	93.9	110.4
-62.5°	0.0	5.1	10.2	18.3	27.2	37.1	46.7	57.0	69.3	81.9	97.0
-65°	0.0	4.7	9.4	16.1	24.2	32.9	41.8	50.1	60.7	71.7	83.5
-67.5°	0.0	4.2	8.5	13.8	21.2	28.8	36.9	44.4	51.9	61.9	71.7
-70°	0.0	3.8	7.6	11.5	18.1	24.9	31.9	38.6	45.1	51.9	60.7
-72.5°	0.0	3.3	6.7	10.0	14.9	20.8	27.0	32.6	38.3	44.0	50.0
-75°	0.0	2.9	5.7	8.6	11.7	16.7	21.9	26.8	31.3	36.1	41.0
-77.5°	0.0	2.4	4.8	7.2	9.6	12.6	16.9	20.9	24.7	28.2	31.9
-80°	0.0	1.9	3.9	5.8	7.7	9.6	11.7	15.0	18.1	21.1	23.8
-82.5°	0.0	1.4	2.9	4.3	5.8	7.2	8.6	10.0	11.6	13.9	16.0
-85°	0.0	1.0	1.9	2.9	3.9	4.8	5.7	6.7	7.6	8.5	9.4
-87.5°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.3	3.8	4.2	4.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.1	5.5	6.0	6.4	6.8	7.1	7.5	7.8	8.2	8.5	8.8
85°	10.2	11.1	12.5	13.8	15.0	16.1	17.1	18.0	19.0	19.9	20.8
82.5°	18.2	20.3	22.4	24.4	26.0	27.4	28.8	30.8	33.1	35.4	37.5
80°	26.6	29.5	32.9	36.5	39.6	42.7	45.9	49.0	52.1	55.4	58.6
77.5°	36.2	40.7	45.3	50.0	54.5	59.6	64.8	69.9	74.5	78.6	82.3
75°	46.3	51.9	58.7	65.6	72.3	78.7	85.3	92.5	98.8	104.4	109.7
72.5°	57.3	65.5	73.6	81.8	91.0	99.9	108.4	116.7	124.3	131.3	138.4
70°	69.6	78.9	89.9	100.9	111.6	121.7	131.6	141.0	149.8	159.0	168.9
67.5°	82.2	95.0	107.7	120.1	132.6	144.1	155.0	167.0	178.8	190.5	201.7
65°	97.1	111.3	125.9	140.2	153.8	167.7	181.6	195.3	209.2	222.5	234.9
62.5°	111.9	128.4	144.6	160.4	176.6	192.4	208.6	224.7	240.1	256.3	271.7
60°	127.7	145.6	163.3	181.2	199.3	218.2	236.3	255.1	274.1	292.3	309.9
57.5°	143.2	162.7	182.0	202.2	223.3	244.2	265.6	286.8	308.5	329.3	347.5
55°	158.4	179.3	201.1	224.2	247.4	271.3	295.3	320.0	343.4	360.9	377.3
52.5°	173.5	196.1	221.1	246.2	272.0	298.8	326.7	350.5	370.0	385.0	388.6
50°	188.5	214.3	240.7	268.3	296.8	327.1	353.8	375.4	386.3	390.5	388.3
47.5°	204.2	231.9	260.3	290.0	322.0	351.0	376.2	387.1	392.3	386.7	379.7
45°	219.8	249.5	279.5	312.2	344.1	371.6	385.7	393.5	386.5	379.7	374.9
42.5°	234.8	266.7	299.5	333.2	362.9	382.3	391.1	386.7	380.7	375.5	377.2
40°	249.7	283.1	319.1	350.8	377.5	387.4	385.9	380.4	376.9	379.2	386.7
37.5°	264.0	300.4	337.1	367.8	382.2	386.2	379.6	376.1	378.7	387.4	404.1
35°	277.6	317.0	352.0	377.7	387.3	380.5	375.8	375.2	385.1	402.8	427.6
32.5°	291.4	332.8	365.9	382.0	383.6	376.0	372.5	380.9	396.5	419.9	461.5
30°	304.7	345.0	376.2	385.9	379.2	373.4	375.4	387.6	408.8	447.7	515.0
27.5°	316.9	356.0	379.5	384.1	375.4	370.6	379.7	398.1	428.9	480.8	576.9
25°	328.1	366.0	382.4	380.6	372.9	372.4	384.8	407.5	449.9	533.9	665.5
22.5°	337.3	375.2	385.1	377.3	370.4	375.4	392.8	424.3	481.1	584.0	758.0
20°	344.8	377.4	384.6	374.2	368.0	377.8	399.8	440.8	523.0	662.4	862.1
17.5°	351.5	379.5	382.0	372.1	369.4	381.7	407.2	455.4	560.2	729.7	962.2
15°	357.5	381.2	379.5	370.4	371.2	386.9	419.2	483.1	604.8	793.2	1052.0
12.5°	362.7	382.7	377.2	368.9	372.6	391.2	429.5	508.3	648.9	862.0	1196.1
10°	367.1	384.0	375.1	367.6	373.5	394.6	437.8	528.2	682.8	920.4	1317.0
7.5°	371.1	385.0	373.2	366.6	374.0	397.1	444.1	542.8	706.9	967.3	1407.5
5°	374.0	385.7	372.2	366.1	375.3	399.9	448.7	552.2	721.6	1001.4	1468.0
2.5°	376.0	386.1	371.6	365.9	377.2	403.7	452.7	560.2	734.7	1018.3	1511.1
0°	376.9	386.2	371.4	365.8	378.8	406.5	454.5	563.5	740.9	1018.1	1537.2
-2.5°	376.0	386.1	371.6	365.9	377.2	403.7	452.7	560.2	734.7	1018.3	1511.1
-5°	374.0	385.7	372.2	366.1	375.3	399.9	448.7	552.2	721.6	1001.4	1468.0
-7.5°	371.1	385.0	373.2	366.6	374.0	397.1	444.1	542.8	706.9	967.3	1407.5
-10°	367.1	384.0	375.1	367.6	373.5	394.6	437.8	528.2	682.8	920.4	1317.0
-12.5°	362.7	382.7	377.2	368.9	372.6	391.2	429.5	508.3	648.9	862.0	1196.1
-15°	357.5	381.2	379.5	370.4	371.2	386.9	419.2	483.1	604.8	793.2	1052.0
-17.5°	351.5	379.5	382.0	372.1	369.4	381.7	407.2	455.4	560.2	729.7	962.2
-20°	344.8	377.4	384.6	374.2	368.0	377.8	399.8	440.8	523.0	662.4	862.1



REPORT NUMBER: P559036 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-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°	337.3	375.2	385.1	377.3	370.4	375.4	392.8	424.3	481.1	584.0	758.0
-25°	328.1	366.0	382.4	380.6	372.9	372.4	384.8	407.5	449.9	533.9	665.5
-27.5°	316.9	356.0	379.5	384.1	375.4	370.6	379.7	398.1	428.9	480.8	576.9
-30°	304.7	345.0	376.2	385.9	379.2	373.4	375.4	387.6	408.8	447.7	515.0
-32.5°	291.4	332.8	365.9	382.0	383.6	376.0	372.5	380.9	396.5	419.9	461.5
-35°	277.6	317.0	352.0	377.7	387.3	380.5	375.8	375.2	385.1	402.8	427.6
-37.5°	264.0	300.4	337.1	367.8	382.2	386.2	379.6	376.1	378.7	387.4	404.1
-40°	249.7	283.1	319.1	350.8	377.5	387.4	385.9	380.4	376.9	379.2	386.7
-42.5°	234.8	266.7	299.5	333.2	362.9	382.3	391.1	386.7	380.7	375.5	377.2
-45°	219.8	249.5	279.5	312.2	344.1	371.6	385.7	393.5	386.5	379.7	374.9
-47.5°	204.2	231.9	260.3	290.0	322.0	351.0	376.2	387.1	392.3	386.7	379.7
-50°	188.5	214.3	240.7	268.3	296.8	327.1	353.8	375.4	386.3	390.5	388.3
-52.5°	173.5	196.1	221.1	246.2	272.0	298.8	326.7	350.5	370.0	385.0	388.6
-55°	158.4	179.3	201.1	224.2	247.4	271.3	295.3	320.0	343.4	360.9	377.3
-57.5°	143.2	162.7	182.0	202.2	223.3	244.2	265.6	286.8	308.5	329.3	347.5
-60°	127.7	145.6	163.3	181.2	199.3	218.2	236.3	255.1	274.1	292.3	309.9
-62.5°	111.9	128.4	144.6	160.4	176.6	192.4	208.6	224.7	240.1	256.3	271.7
-65°	97.1	111.3	125.9	140.2	153.8	167.7	181.6	195.3	209.2	222.5	234.9
-67.5°	82.2	95.0	107.7	120.1	132.6	144.1	155.0	167.0	178.8	190.5	201.7
-70°	69.6	78.9	89.9	100.9	111.6	121.7	131.6	141.0	149.8	159.0	168.9
-72.5°	57.3	65.5	73.6	81.8	91.0	99.9	108.4	116.7	124.3	131.3	138.4
-75°	46.3	51.9	58.7	65.6	72.3	78.7	85.3	92.5	98.8	104.4	109.7
-77.5°	36.2	40.7	45.3	50.0	54.5	59.6	64.8	69.9	74.5	78.6	82.3
-80°	26.6	29.5	32.9	36.5	39.6	42.7	45.9	49.0	52.1	55.4	58.6
-82.5°	18.2	20.3	22.4	24.4	26.0	27.4	28.8	30.8	33.1	35.4	37.5
-85°	10.2	11.1	12.5	13.8	15.0	16.1	17.1	18.0	19.0	19.9	20.8
-87.5°	5.1	5.5	6.0	6.4	6.8	7.1	7.5	7.8	8.2	8.5	8.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559036 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-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°	9.1	9.0	8.8	8.6	8.3	8.5	8.6	8.8	8.9	9.4	10.0
85°	21.7	22.7	23.7	24.7	25.8	26.5	27.1	27.7	28.2	28.7	29.0
82.5°	39.5	41.6	43.5	45.3	46.8	48.1	49.2	50.2	51.1	51.9	52.5
80°	61.6	64.3	66.8	69.0	70.9	72.5	73.9	75.0	75.9	77.7	79.5
77.5°	86.2	90.0	93.6	96.9	99.8	102.7	105.4	107.8	110.0	111.7	112.9
75°	114.7	119.6	124.5	129.0	133.1	137.3	141.4	145.1	148.5	150.8	152.4
72.5°	145.5	152.1	158.0	163.7	168.7	173.9	179.0	183.5	187.6	190.7	193.2
70°	178.3	186.8	193.7	200.2	206.6	213.0	219.2	224.7	229.4	233.3	236.4
67.5°	212.3	222.0	230.7	239.2	247.7	255.6	263.3	270.3	276.8	281.7	285.0
65°	247.1	259.6	271.1	281.5	290.9	299.9	309.4	318.1	326.0	332.5	337.5
62.5°	286.4	300.6	313.6	325.3	335.7	344.1	353.1	361.3	368.7	375.5	382.4
60°	326.7	342.5	353.9	363.8	372.8	380.9	384.0	387.0	389.5	391.7	394.4
57.5°	361.8	375.3	385.1	387.3	389.3	391.1	390.0	386.8	383.5	380.2	377.6
55°	386.2	390.0	394.4	391.0	385.6	380.5	376.1	373.0	370.1	367.5	365.3
52.5°	392.7	389.0	384.4	379.4	375.7	371.8	368.0	368.7	369.9	370.7	371.2
50°	383.2	378.8	376.3	373.5	374.0	375.9	377.5	381.1	385.7	388.9	391.6
47.5°	375.8	372.9	376.6	381.3	385.7	393.6	400.6	407.6	418.3	426.8	433.5
45°	373.8	380.8	388.0	399.5	409.5	427.0	443.5	457.2	482.7	506.1	524.5
42.5°	384.4	396.4	409.5	431.8	455.9	486.8	526.5	560.0	599.3	635.9	662.5
40°	401.8	419.5	449.1	485.0	541.2	591.3	657.0	713.2	766.0	822.0	864.1
37.5°	426.8	459.9	515.3	579.8	665.2	747.2	837.8	925.7	1000.7	1114.1	1202.9
35°	464.1	531.1	609.6	717.4	829.0	954.7	1087.1	1257.8	1408.1	1584.4	1750.2
32.5°	531.9	622.6	745.7	891.6	1039.8	1256.7	1461.3	1738.6	1987.9	2298.9	2633.3
30°	611.3	746.6	912.1	1102.5	1370.9	1669.4	2005.7	2431.1	2936.5	3538.4	4346.0
27.5°	720.7	894.4	1102.6	1411.4	1792.2	2192.0	2788.5	3503.5	4806.6	5942.1	7447.0
25°	838.5	1050.7	1379.9	1794.8	2295.9	3016.0	4182.2	5670.0	7777.4	9792.4	11403.3
22.5°	974.4	1284.4	1699.9	2216.3	3027.2	4421.3	6232.1	8852.2	11202.1	13234.5	14799.7
20°	1124.8	1513.7	2072.1	2861.2	4242.1	6283.9	9190.7	11879.8	14279.9	16029.5	17412.4
17.5°	1319.6	1827.6	2536.1	3624.9	5744.5	8890.8	11887.5	14545.4	16633.7	18170.8	19396.9
15°	1501.5	2116.5	3034.8	4892.5	7785.4	11148.2	14219.9	16590.8	18398.0	19828.4	20930.7
12.5°	1716.1	2441.1	3617.7	5987.6	9662.1	13010.6	15875.9	18089.9	19830.2	21170.9	22648.2
10°	1907.3	2790.2	4452.9	7446.9	11203.3	14474.3	17256.8	19246.4	20991.5	22738.8	24953.9
7.5°	2065.2	3083.4	5137.8	8678.1	12386.6	15556.9	18091.8	20079.8	22003.2	24336.8	27531.9
5°	2190.6	3304.4	5701.3	9607.7	13246.7	16329.6	18729.5	20744.7	22917.2	26038.9	30326.6
2.5°	2274.4	3449.2	6053.6	10169.2	13789.4	16772.8	19202.4	21179.6	23457.3	26991.8	31471.4
0°	2307.7	3516.1	5964.2	10271.1	13822.3	16917.1	19272.8	21342.2	23611.1	27151.2	31681.6
-2.5°	2274.4	3449.2	6053.6	10169.2	13789.4	16772.8	19202.4	21179.6	23457.3	26991.8	31471.4
-5°	2190.6	3304.4	5701.3	9607.7	13246.7	16329.6	18729.5	20744.7	22917.2	26038.9	30326.6
-7.5°	2065.2	3083.4	5137.8	8678.1	12386.6	15556.9	18091.8	20079.8	22003.2	24336.8	27531.9
-10°	1907.3	2790.2	4452.9	7446.9	11203.3	14474.3	17256.8	19246.4	20991.5	22738.8	24953.9
-12.5°	1716.1	2441.1	3617.7	5987.6	9662.1	13010.6	15875.9	18089.9	19830.2	21170.9	22648.2
-15°	1501.5	2116.5	3034.8	4892.5	7785.4	11148.2	14219.9	16590.8	18398.0	19828.4	20930.7
-17.5°	1319.6	1827.6	2536.1	3624.9	5744.5	8890.8	11887.5	14545.4	16633.7	18170.8	19396.9
-20°	1124.8	1513.7	2072.1	2861.2	4242.1	6283.9	9190.7	11879.8	14279.9	16029.5	17412.4



REPORT NUMBER: P559036 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	974.4	1284.4	1699.9	2216.3	3027.2	4421.3	6232.1	8852.2	11202.1	13234.5	14799.7
-25°	838.5	1050.7	1379.9	1794.8	2295.9	3016.0	4182.2	5670.0	7777.4	9792.4	11403.3
-27.5°	720.7	894.4	1102.6	1411.4	1792.2	2192.0	2788.5	3503.5	4806.6	5942.1	7447.0
-30°	611.3	746.6	912.1	1102.5	1370.9	1669.4	2005.7	2431.1	2936.5	3538.4	4346.0
-32.5°	531.9	622.6	745.7	891.6	1039.8	1256.7	1461.3	1738.6	1987.9	2298.9	2633.3
-35°	464.1	531.1	609.6	717.4	829.0	954.7	1087.1	1257.8	1408.1	1584.4	1750.2
-37.5°	426.8	459.9	515.3	579.8	665.2	747.2	837.8	925.7	1000.7	1114.1	1202.9
-40°	401.8	419.5	449.1	485.0	541.2	591.3	657.0	713.2	766.0	822.0	864.1
-42.5°	384.4	396.4	409.5	431.8	455.9	486.8	526.5	560.0	599.3	635.9	662.5
-45°	373.8	380.8	388.0	399.5	409.5	427.0	443.5	457.2	482.7	506.1	524.5
-47.5°	375.8	372.9	376.6	381.3	385.7	393.6	400.6	407.6	418.3	426.8	433.5
-50°	383.2	378.8	376.3	373.5	374.0	375.9	377.5	381.1	385.7	388.9	391.6
-52.5°	392.7	389.0	384.4	379.4	375.7	371.8	368.0	368.7	369.9	370.7	371.2
-55°	386.2	390.0	394.4	391.0	385.6	380.5	376.1	373.0	370.1	367.5	365.3
-57.5°	361.8	375.3	385.1	387.3	389.3	391.1	390.0	386.8	383.5	380.2	377.6
-60°	326.7	342.5	353.9	363.8	372.8	380.9	384.0	387.0	389.5	391.7	394.4
-62.5°	286.4	300.6	313.6	325.3	335.7	344.1	353.1	361.3	368.7	375.5	382.4
-65°	247.1	259.6	271.1	281.5	290.9	299.9	309.4	318.1	326.0	332.5	337.5
-67.5°	212.3	222.0	230.7	239.2	247.7	255.6	263.3	270.3	276.8	281.7	285.0
-70°	178.3	186.8	193.7	200.2	206.6	213.0	219.2	224.7	229.4	233.3	236.4
-72.5°	145.5	152.1	158.0	163.7	168.7	173.9	179.0	183.5	187.6	190.7	193.2
-75°	114.7	119.6	124.5	129.0	133.1	137.3	141.4	145.1	148.5	150.8	152.4
-77.5°	86.2	90.0	93.6	96.9	99.8	102.7	105.4	107.8	110.0	111.7	112.9
-80°	61.6	64.3	66.8	69.0	70.9	72.5	73.9	75.0	75.9	77.7	79.5
-82.5°	39.5	41.6	43.5	45.3	46.8	48.1	49.2	50.2	51.1	51.9	52.5
-85°	21.7	22.7	23.7	24.7	25.8	26.5	27.1	27.7	28.2	28.7	29.0
-87.5°	9.1	9.0	8.8	8.6	8.3	8.5	8.6	8.8	8.9	9.4	10.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559036 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-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°	10.5	11.1	11.1	11.1	11.1	11.1	10.5	10.0	9.4	8.9	8.8
85°	29.3	29.5	30.5	31.4	30.5	29.5	29.3	29.0	28.7	28.2	27.7
82.5°	53.0	53.3	53.5	53.6	53.5	53.3	53.0	52.5	51.9	51.1	50.2
80°	81.1	82.6	82.1	81.3	82.1	82.6	81.1	79.5	77.7	75.9	75.0
77.5°	113.6	114.0	113.5	112.7	113.5	114.0	113.6	112.9	111.7	110.0	107.8
75°	153.6	154.3	155.0	155.2	155.0	154.3	153.6	152.4	150.8	148.5	145.1
72.5°	195.1	196.5	196.6	195.9	196.6	196.5	195.1	193.2	190.7	187.6	183.5
70°	238.8	240.6	241.6	242.0	241.6	240.6	238.8	236.4	233.3	229.4	224.7
67.5°	287.3	288.5	289.7	290.1	289.7	288.5	287.3	285.0	281.7	276.8	270.3
65°	341.7	345.0	346.0	345.5	346.0	345.0	341.7	337.5	332.5	326.0	318.1
62.5°	388.7	394.3	396.6	397.2	396.6	394.3	388.7	382.4	375.5	368.7	361.3
60°	396.6	398.6	399.1	399.1	399.1	398.6	396.6	394.4	391.7	389.5	387.0
57.5°	375.2	373.1	371.8	371.4	371.8	373.1	375.2	377.6	380.2	383.5	386.8
55°	363.2	361.4	360.5	360.3	360.5	361.4	363.2	365.3	367.5	370.1	373.0
52.5°	371.4	371.1	371.9	373.2	371.9	371.1	371.4	371.2	370.7	369.9	368.7
50°	394.0	395.6	397.4	399.1	397.4	395.6	394.0	391.6	388.9	385.7	381.1
47.5°	438.4	440.9	442.5	443.4	442.5	440.9	438.4	433.5	426.8	418.3	407.6
45°	536.4	542.9	546.0	546.9	546.0	542.9	536.4	524.5	506.1	482.7	457.2
42.5°	680.1	689.7	693.9	694.7	693.9	689.7	680.1	662.5	635.9	599.3	560.0
40°	894.3	911.5	919.8	925.7	919.8	911.5	894.3	864.1	822.0	766.0	713.2
37.5°	1269.3	1312.4	1336.9	1358.0	1336.9	1312.4	1269.3	1202.9	1114.1	1000.7	925.7
35°	1885.0	1983.8	2042.0	2054.6	2042.0	1983.8	1885.0	1750.2	1584.4	1408.1	1257.8
32.5°	2890.8	3084.6	3200.4	3214.9	3200.4	3084.6	2890.8	2633.3	2298.9	1987.9	1738.6
30°	4972.9	5515.8	5887.9	5836.7	5887.9	5515.8	4972.9	4346.0	3538.4	2936.5	2431.1
27.5°	8679.9	9664.4	10303.9	10250.8	10303.9	9664.4	8679.9	7447.0	5942.1	4806.6	3503.5
25°	12641.8	13548.0	14083.0	14280.5	14083.0	13548.0	12641.8	11403.3	9792.4	7777.4	5670.0
22.5°	15877.2	16687.3	17150.0	17427.0	17150.0	16687.3	15877.2	14799.7	13234.5	11202.1	8852.2
20°	18356.1	19058.7	19456.7	19627.6	19456.7	19058.7	18356.1	17412.4	16029.5	14279.9	11879.8
17.5°	20263.1	20851.3	21301.9	21417.9	21301.9	20851.3	20263.1	19396.9	18170.8	16633.7	14545.4
15°	21950.0	22709.8	23241.1	23439.3	23241.1	22709.8	21950.0	20930.7	19828.4	18398.0	16590.8
12.5°	24077.1	25398.2	26100.6	26262.5	26100.6	25398.2	24077.1	22648.2	21170.9	19830.2	18089.9
10°	27221.2	29251.9	29482.0	29167.0	29482.0	29251.9	27221.2	24953.9	22738.8	20991.5	19246.4
7.5°	31800.1	34507.9	33922.4	32947.3	33922.4	34507.9	31800.1	27531.9	24336.8	22003.2	20079.8
5°	35076.9	38836.3	38953.1	38237.1	38953.1	38836.3	35076.9	30326.6	26038.9	22917.2	20744.7
2.5°	36381.5	40251.4	42177.5	42493.2	42177.5	40251.4	36381.5	31471.4	26991.8	23457.3	21179.6
0°	36479.1	40707.4	42991.1	43558.3	42991.1	40707.4	36479.1	31681.6	27151.2	23611.1	21342.2
-2.5°	36381.5	40251.4	42177.5	42493.2	42177.5	40251.4	36381.5	31471.4	26991.8	23457.3	21179.6
-5°	35076.9	38836.3	38953.1	38237.1	38953.1	38836.3	35076.9	30326.6	26038.9	22917.2	20744.7
-7.5°	31800.1	34507.9	33922.4	32947.3	33922.4	34507.9	31800.1	27531.9	24336.8	22003.2	20079.8
-10°	27221.2	29251.9	29482.0	29167.0	29482.0	29251.9	27221.2	24953.9	22738.8	20991.5	19246.4
-12.5°	24077.1	25398.2	26100.6	26262.5	26100.6	25398.2	24077.1	22648.2	21170.9	19830.2	18089.9
-15°	21950.0	22709.8	23241.1	23439.3	23241.1	22709.8	21950.0	20930.7	19828.4	18398.0	16590.8
-17.5°	20263.1	20851.3	21301.9	21417.9	21301.9	20851.3	20263.1	19396.9	18170.8	16633.7	14545.4
-20°	18356.1	19058.7	19456.7	19627.6	19456.7	19058.7	18356.1	17412.4	16029.5	14279.9	11879.8



REPORT NUMBER: P559036 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	15877.2	16687.3	17150.0	17427.0	17150.0	16687.3	15877.2	14799.7	13234.5	11202.1	8852.2
-25°	12641.8	13548.0	14083.0	14280.5	14083.0	13548.0	12641.8	11403.3	9792.4	7777.4	5670.0
-27.5°	8679.9	9664.4	10303.9	10250.8	10303.9	9664.4	8679.9	7447.0	5942.1	4806.6	3503.5
-30°	4972.9	5515.8	5887.9	5836.7	5887.9	5515.8	4972.9	4346.0	3538.4	2936.5	2431.1
-32.5°	2890.8	3084.6	3200.4	3214.9	3200.4	3084.6	2890.8	2633.3	2298.9	1987.9	1738.6
-35°	1885.0	1983.8	2042.0	2054.6	2042.0	1983.8	1885.0	1750.2	1584.4	1408.1	1257.8
-37.5°	1269.3	1312.4	1336.9	1358.0	1336.9	1312.4	1269.3	1202.9	1114.1	1000.7	925.7
-40°	894.3	911.5	919.8	925.7	919.8	911.5	894.3	864.1	822.0	766.0	713.2
-42.5°	680.1	689.7	693.9	694.7	693.9	689.7	680.1	662.5	635.9	599.3	560.0
-45°	536.4	542.9	546.0	546.9	546.0	542.9	536.4	524.5	506.1	482.7	457.2
-47.5°	438.4	440.9	442.5	443.4	442.5	440.9	438.4	433.5	426.8	418.3	407.6
-50°	394.0	395.6	397.4	399.1	397.4	395.6	394.0	391.6	388.9	385.7	381.1
-52.5°	371.4	371.1	371.9	373.2	371.9	371.1	371.4	371.2	370.7	369.9	368.7
-55°	363.2	361.4	360.5	360.3	360.5	361.4	363.2	365.3	367.5	370.1	373.0
-57.5°	375.2	373.1	371.8	371.4	371.8	373.1	375.2	377.6	380.2	383.5	386.8
-60°	396.6	398.6	399.1	399.1	399.1	398.6	396.6	394.4	391.7	389.5	387.0
-62.5°	388.7	394.3	396.6	397.2	396.6	394.3	388.7	382.4	375.5	368.7	361.3
-65°	341.7	345.0	346.0	345.5	346.0	345.0	341.7	337.5	332.5	326.0	318.1
-67.5°	287.3	288.5	289.7	290.1	289.7	288.5	287.3	285.0	281.7	276.8	270.3
-70°	238.8	240.6	241.6	242.0	241.6	240.6	238.8	236.4	233.3	229.4	224.7
-72.5°	195.1	196.5	196.6	195.9	196.6	196.5	195.1	193.2	190.7	187.6	183.5
-75°	153.6	154.3	155.0	155.2	155.0	154.3	153.6	152.4	150.8	148.5	145.1
-77.5°	113.6	114.0	113.5	112.7	113.5	114.0	113.6	112.9	111.7	110.0	107.8
-80°	81.1	82.6	82.1	81.3	82.1	82.6	81.1	79.5	77.7	75.9	75.0
-82.5°	53.0	53.3	53.5	53.6	53.5	53.3	53.0	52.5	51.9	51.1	50.2
-85°	29.3	29.5	30.5	31.4	30.5	29.5	29.3	29.0	28.7	28.2	27.7
-87.5°	10.5	11.1	11.1	11.1	11.1	11.1	10.5	10.0	9.4	8.9	8.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559036 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.6	8.5	8.3	8.6	8.8	9.0	9.1	8.8	8.5	8.2	7.8
85°	27.1	26.5	25.8	24.7	23.7	22.7	21.7	20.8	19.9	19.0	18.0
82.5°	49.2	48.1	46.8	45.3	43.5	41.6	39.5	37.5	35.4	33.1	30.8
80°	73.9	72.5	70.9	69.0	66.8	64.3	61.6	58.6	55.4	52.1	49.0
77.5°	105.4	102.7	99.8	96.9	93.6	90.0	86.2	82.3	78.6	74.5	69.9
75°	141.4	137.3	133.1	129.0	124.5	119.6	114.7	109.7	104.4	98.8	92.5
72.5°	179.0	173.9	168.7	163.7	158.0	152.1	145.5	138.4	131.3	124.3	116.7
70°	219.2	213.0	206.6	200.2	193.7	186.8	178.3	168.9	159.0	149.8	141.0
67.5°	263.3	255.6	247.7	239.2	230.7	222.0	212.3	201.7	190.5	178.8	167.0
65°	309.4	299.9	290.9	281.5	271.1	259.6	247.1	234.9	222.5	209.2	195.3
62.5°	353.1	344.1	335.7	325.3	313.6	300.6	286.4	271.7	256.3	240.1	224.7
60°	384.0	380.9	372.8	363.8	353.9	342.5	326.7	309.9	292.3	274.1	255.1
57.5°	390.0	391.1	389.3	387.3	385.1	375.3	361.8	347.5	329.3	308.5	286.8
55°	376.1	380.5	385.6	391.0	394.4	390.0	386.2	377.3	360.9	343.4	320.0
52.5°	368.0	371.8	375.7	379.4	384.4	389.0	392.7	388.6	385.0	370.0	350.5
50°	377.5	375.9	374.0	373.5	376.3	378.8	383.2	388.3	390.5	386.3	375.4
47.5°	400.6	393.6	385.7	381.3	376.6	372.9	375.8	379.7	386.7	392.3	387.1
45°	443.5	427.0	409.5	399.5	388.0	380.8	373.8	374.9	379.7	386.5	393.5
42.5°	526.5	486.8	455.9	431.8	409.5	396.4	384.4	377.2	375.5	380.7	386.7
40°	657.0	591.3	541.2	485.0	449.1	419.5	401.8	386.7	379.2	376.9	380.4
37.5°	837.8	747.2	665.2	579.8	515.3	459.9	426.8	404.1	387.4	378.7	376.1
35°	1087.1	954.7	829.0	717.4	609.6	531.1	464.1	427.6	402.8	385.1	375.2
32.5°	1461.3	1256.7	1039.8	891.6	745.7	622.6	531.9	461.5	419.9	396.5	380.9
30°	2005.7	1669.4	1370.9	1102.5	912.1	746.6	611.3	515.0	447.7	408.8	387.6
27.5°	2788.5	2192.0	1792.2	1411.4	1102.6	894.4	720.7	576.9	480.8	428.9	398.1
25°	4182.2	3016.0	2295.9	1794.8	1379.9	1050.7	838.5	665.5	533.9	449.9	407.5
22.5°	6232.1	4421.3	3027.2	2216.3	1699.9	1284.4	974.4	758.0	584.0	481.1	424.3
20°	9190.7	6283.9	4242.1	2861.2	2072.1	1513.7	1124.8	862.1	662.4	523.0	440.8
17.5°	11887.5	8890.8	5744.5	3624.9	2536.1	1827.6	1319.6	962.2	729.7	560.2	455.4
15°	14219.9	11148.2	7785.4	4892.5	3034.8	2116.5	1501.5	1052.0	793.2	604.8	483.1
12.5°	15875.9	13010.6	9662.1	5987.6	3617.7	2441.1	1716.1	1196.1	862.0	648.9	508.3
10°	17256.8	14474.3	11203.3	7446.9	4452.9	2790.2	1907.3	1317.0	920.4	682.8	528.2
7.5°	18091.8	15556.9	12386.6	8678.1	5137.8	3083.4	2065.2	1407.5	967.3	706.9	542.8
5°	18729.5	16329.6	13246.7	9607.7	5701.3	3304.4	2190.6	1468.0	1001.4	721.6	552.2
2.5°	19202.4	16772.8	13789.4	10169.2	6053.6	3449.2	2274.4	1511.1	1018.3	734.7	560.2
0°	19272.8	16917.1	13822.3	10271.1	5964.2	3516.1	2307.7	1537.2	1018.1	740.9	563.5
-2.5°	19202.4	16772.8	13789.4	10169.2	6053.6	3449.2	2274.4	1511.1	1018.3	734.7	560.2
-5°	18729.5	16329.6	13246.7	9607.7	5701.3	3304.4	2190.6	1468.0	1001.4	721.6	552.2
-7.5°	18091.8	15556.9	12386.6	8678.1	5137.8	3083.4	2065.2	1407.5	967.3	706.9	542.8
-10°	17256.8	14474.3	11203.3	7446.9	4452.9	2790.2	1907.3	1317.0	920.4	682.8	528.2
-12.5°	15875.9	13010.6	9662.1	5987.6	3617.7	2441.1	1716.1	1196.1	862.0	648.9	508.3
-15°	14219.9	11148.2	7785.4	4892.5	3034.8	2116.5	1501.5	1052.0	793.2	604.8	483.1
-17.5°	11887.5	8890.8	5744.5	3624.9	2536.1	1827.6	1319.6	962.2	729.7	560.2	455.4
-20°	9190.7	6283.9	4242.1	2861.2	2072.1	1513.7	1124.8	862.1	662.4	523.0	440.8



REPORT NUMBER: P559036 (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°	6232.1	4421.3	3027.2	2216.3	1699.9	1284.4	974.4	758.0	584.0	481.1	424.3
-25°	4182.2	3016.0	2295.9	1794.8	1379.9	1050.7	838.5	665.5	533.9	449.9	407.5
-27.5°	2788.5	2192.0	1792.2	1411.4	1102.6	894.4	720.7	576.9	480.8	428.9	398.1
-30°	2005.7	1669.4	1370.9	1102.5	912.1	746.6	611.3	515.0	447.7	408.8	387.6
-32.5°	1461.3	1256.7	1039.8	891.6	745.7	622.6	531.9	461.5	419.9	396.5	380.9
-35°	1087.1	954.7	829.0	717.4	609.6	531.1	464.1	427.6	402.8	385.1	375.2
-37.5°	837.8	747.2	665.2	579.8	515.3	459.9	426.8	404.1	387.4	378.7	376.1
-40°	657.0	591.3	541.2	485.0	449.1	419.5	401.8	386.7	379.2	376.9	380.4
-42.5°	526.5	486.8	455.9	431.8	409.5	396.4	384.4	377.2	375.5	380.7	386.7
-45°	443.5	427.0	409.5	399.5	388.0	380.8	373.8	374.9	379.7	386.5	393.5
-47.5°	400.6	393.6	385.7	381.3	376.6	372.9	375.8	379.7	386.7	392.3	387.1
-50°	377.5	375.9	374.0	373.5	376.3	378.8	383.2	388.3	390.5	386.3	375.4
-52.5°	368.0	371.8	375.7	379.4	384.4	389.0	392.7	388.6	385.0	370.0	350.5
-55°	376.1	380.5	385.6	391.0	394.4	390.0	386.2	377.3	360.9	343.4	320.0
-57.5°	390.0	391.1	389.3	387.3	385.1	375.3	361.8	347.5	329.3	308.5	286.8
-60°	384.0	380.9	372.8	363.8	353.9	342.5	326.7	309.9	292.3	274.1	255.1
-62.5°	353.1	344.1	335.7	325.3	313.6	300.6	286.4	271.7	256.3	240.1	224.7
-65°	309.4	299.9	290.9	281.5	271.1	259.6	247.1	234.9	222.5	209.2	195.3
-67.5°	263.3	255.6	247.7	239.2	230.7	222.0	212.3	201.7	190.5	178.8	167.0
-70°	219.2	213.0	206.6	200.2	193.7	186.8	178.3	168.9	159.0	149.8	141.0
-72.5°	179.0	173.9	168.7	163.7	158.0	152.1	145.5	138.4	131.3	124.3	116.7
-75°	141.4	137.3	133.1	129.0	124.5	119.6	114.7	109.7	104.4	98.8	92.5
-77.5°	105.4	102.7	99.8	96.9	93.6	90.0	86.2	82.3	78.6	74.5	69.9
-80°	73.9	72.5	70.9	69.0	66.8	64.3	61.6	58.6	55.4	52.1	49.0
-82.5°	49.2	48.1	46.8	45.3	43.5	41.6	39.5	37.5	35.4	33.1	30.8
-85°	27.1	26.5	25.8	24.7	23.7	22.7	21.7	20.8	19.9	19.0	18.0
-87.5°	8.6	8.5	8.3	8.6	8.8	9.0	9.1	8.8	8.5	8.2	7.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559036 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	7.5	7.1	6.8	6.4	6.0	5.5	5.1	4.7	4.2	3.8	3.3
85°	17.1	16.1	15.0	13.8	12.5	11.1	10.2	9.4	8.5	7.6	6.7
82.5°	28.8	27.4	26.0	24.4	22.4	20.3	18.2	16.0	13.9	11.6	10.0
80°	45.9	42.7	39.6	36.5	32.9	29.5	26.6	23.8	21.1	18.1	15.0
77.5°	64.8	59.6	54.5	50.0	45.3	40.7	36.2	31.9	28.2	24.7	20.9
75°	85.3	78.7	72.3	65.6	58.7	51.9	46.3	41.0	36.1	31.3	26.8
72.5°	108.4	99.9	91.0	81.8	73.6	65.5	57.3	50.0	44.0	38.3	32.6
70°	131.6	121.7	111.6	100.9	89.9	78.9	69.6	60.7	51.9	45.1	38.6
67.5°	155.0	144.1	132.6	120.1	107.7	95.0	82.2	71.7	61.9	51.9	44.4
65°	181.6	167.7	153.8	140.2	125.9	111.3	97.1	83.5	71.7	60.7	50.1
62.5°	208.6	192.4	176.6	160.4	144.6	128.4	111.9	97.0	81.9	69.3	57.0
60°	236.3	218.2	199.3	181.2	163.3	145.6	127.7	110.4	93.9	77.7	64.4
57.5°	265.6	244.2	223.3	202.2	182.0	162.7	143.2	124.0	105.7	87.7	71.6
55°	295.3	271.3	247.4	224.2	201.1	179.3	158.4	137.4	117.2	97.9	78.7
52.5°	326.7	298.8	272.0	246.2	221.1	196.1	173.5	150.3	128.7	107.8	87.2
50°	353.8	327.1	296.8	268.3	240.7	214.3	188.5	163.9	139.7	117.4	95.5
47.5°	376.2	351.0	322.0	290.0	260.3	231.9	204.2	177.3	150.2	126.7	103.5
45°	385.7	371.6	344.1	312.2	279.5	249.5	219.8	190.3	162.0	135.6	111.1
42.5°	391.1	382.3	362.9	333.2	299.5	266.7	234.8	203.8	173.4	144.1	118.4
40°	385.9	387.4	377.5	350.8	319.1	283.1	249.7	216.8	184.5	152.9	125.6
37.5°	379.6	386.2	382.2	367.8	337.1	300.4	264.0	229.2	195.1	162.2	132.5
35°	375.8	380.5	387.3	377.7	352.0	317.0	277.6	241.2	205.5	171.0	139.0
32.5°	372.5	376.0	383.6	382.0	365.9	332.8	291.4	252.6	215.3	179.2	145.2
30°	375.4	373.4	379.2	385.9	376.2	345.0	304.7	263.3	224.5	186.8	151.3
27.5°	379.7	370.6	375.4	384.1	379.5	356.0	316.9	273.2	233.0	194.0	157.4
25°	384.8	372.4	372.9	380.6	382.4	366.0	328.1	282.4	241.0	200.9	163.1
22.5°	392.8	375.4	370.4	377.3	385.1	375.2	337.3	291.6	248.4	207.2	168.2
20°	399.8	377.8	368.0	374.2	384.6	377.4	344.8	299.8	255.1	212.8	172.8
17.5°	407.2	381.7	369.4	372.1	382.0	379.5	351.5	307.0	261.0	217.8	176.8
15°	419.2	386.9	371.2	370.4	379.5	381.2	357.5	313.2	266.1	222.2	180.3
12.5°	429.5	391.2	372.6	368.9	377.2	382.7	362.7	318.3	270.5	225.8	183.4
10°	437.8	394.6	373.5	367.6	375.1	384.0	367.1	323.0	274.4	228.6	185.8
7.5°	444.1	397.1	374.0	366.6	373.2	385.0	371.1	327.7	277.7	230.7	187.8
5°	448.7	399.9	375.3	366.1	372.2	385.7	374.0	331.6	280.2	232.1	189.2
2.5°	452.7	403.7	377.2	365.9	371.6	386.1	376.0	334.5	281.9	232.8	190.0
0°	454.5	406.5	378.8	365.8	371.4	386.2	376.9	336.3	282.7	232.8	190.3
-2.5°	452.7	403.7	377.2	365.9	371.6	386.1	376.0	334.5	281.9	232.8	190.0
-5°	448.7	399.9	375.3	366.1	372.2	385.7	374.0	331.6	280.2	232.1	189.2
-7.5°	444.1	397.1	374.0	366.6	373.2	385.0	371.1	327.7	277.7	230.7	187.8
-10°	437.8	394.6	373.5	367.6	375.1	384.0	367.1	323.0	274.4	228.6	185.8
-12.5°	429.5	391.2	372.6	368.9	377.2	382.7	362.7	318.3	270.5	225.8	183.4
-15°	419.2	386.9	371.2	370.4	379.5	381.2	357.5	313.2	266.1	222.2	180.3
-17.5°	407.2	381.7	369.4	372.1	382.0	379.5	351.5	307.0	261.0	217.8	176.8
-20°	399.8	377.8	368.0	374.2	384.6	377.4	344.8	299.8	255.1	212.8	172.8



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	392.8	375.4	370.4	377.3	385.1	375.2	337.3	291.6	248.4	207.2	168.2
-25°	384.8	372.4	372.9	380.6	382.4	366.0	328.1	282.4	241.0	200.9	163.1
-27.5°	379.7	370.6	375.4	384.1	379.5	356.0	316.9	273.2	233.0	194.0	157.4
-30°	375.4	373.4	379.2	385.9	376.2	345.0	304.7	263.3	224.5	186.8	151.3
-32.5°	372.5	376.0	383.6	382.0	365.9	332.8	291.4	252.6	215.3	179.2	145.2
-35°	375.8	380.5	387.3	377.7	352.0	317.0	277.6	241.2	205.5	171.0	139.0
-37.5°	379.6	386.2	382.2	367.8	337.1	300.4	264.0	229.2	195.1	162.2	132.5
-40°	385.9	387.4	377.5	350.8	319.1	283.1	249.7	216.8	184.5	152.9	125.6
-42.5°	391.1	382.3	362.9	333.2	299.5	266.7	234.8	203.8	173.4	144.1	118.4
-45°	385.7	371.6	344.1	312.2	279.5	249.5	219.8	190.3	162.0	135.6	111.1
-47.5°	376.2	351.0	322.0	290.0	260.3	231.9	204.2	177.3	150.2	126.7	103.5
-50°	353.8	327.1	296.8	268.3	240.7	214.3	188.5	163.9	139.7	117.4	95.5
-52.5°	326.7	298.8	272.0	246.2	221.1	196.1	173.5	150.3	128.7	107.8	87.2
-55°	295.3	271.3	247.4	224.2	201.1	179.3	158.4	137.4	117.2	97.9	78.7
-57.5°	265.6	244.2	223.3	202.2	182.0	162.7	143.2	124.0	105.7	87.7	71.6
-60°	236.3	218.2	199.3	181.2	163.3	145.6	127.7	110.4	93.9	77.7	64.4
-62.5°	208.6	192.4	176.6	160.4	144.6	128.4	111.9	97.0	81.9	69.3	57.0
-65°	181.6	167.7	153.8	140.2	125.9	111.3	97.1	83.5	71.7	60.7	50.1
-67.5°	155.0	144.1	132.6	120.1	107.7	95.0	82.2	71.7	61.9	51.9	44.4
-70°	131.6	121.7	111.6	100.9	89.9	78.9	69.6	60.7	51.9	45.1	38.6
-72.5°	108.4	99.9	91.0	81.8	73.6	65.5	57.3	50.0	44.0	38.3	32.6
-75°	85.3	78.7	72.3	65.6	58.7	51.9	46.3	41.0	36.1	31.3	26.8
-77.5°	64.8	59.6	54.5	50.0	45.3	40.7	36.2	31.9	28.2	24.7	20.9
-80°	45.9	42.7	39.6	36.5	32.9	29.5	26.6	23.8	21.1	18.1	15.0
-82.5°	28.8	27.4	26.0	24.4	22.4	20.3	18.2	16.0	13.9	11.6	10.0
-85°	17.1	16.1	15.0	13.8	12.5	11.1	10.2	9.4	8.5	7.6	6.7
-87.5°	7.5	7.1	6.8	6.4	6.0	5.5	5.1	4.7	4.2	3.8	3.3
-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°	2.9	2.4	1.9	1.4	1.0	0.5	0.0
85°	5.7	4.8	3.9	2.9	1.9	1.0	0.0
82.5°	8.6	7.2	5.8	4.3	2.9	1.4	0.0
80°	11.7	9.6	7.7	5.8	3.9	1.9	0.0
77.5°	16.9	12.6	9.6	7.2	4.8	2.4	0.0
75°	21.9	16.7	11.7	8.6	5.7	2.9	0.0
72.5°	27.0	20.8	14.9	10.0	6.7	3.3	0.0
70°	31.9	24.9	18.1	11.5	7.6	3.8	0.0
67.5°	36.9	28.8	21.2	13.8	8.5	4.2	0.0
65°	41.8	32.9	24.2	16.1	9.4	4.7	0.0
62.5°	46.7	37.1	27.2	18.3	10.2	5.1	0.0
60°	51.5	41.2	30.1	20.4	11.1	5.5	0.0
57.5°	57.6	45.3	33.4	22.5	12.5	6.0	0.0
55°	63.7	49.3	36.7	24.5	13.9	6.4	0.0
52.5°	69.6	53.4	39.9	26.5	15.2	6.8	0.0
50°	75.4	58.2	43.0	28.3	16.5	7.1	0.0
47.5°	81.1	62.8	46.1	30.3	17.7	7.5	0.0
45°	87.5	67.3	49.0	32.5	19.0	7.8	0.0
42.5°	93.7	71.6	51.9	34.6	20.1	8.2	0.0
40°	99.5	75.7	54.9	36.7	21.3	8.5	0.0
37.5°	104.9	79.5	58.0	38.7	22.4	8.8	0.0
35°	110.0	83.6	61.0	40.5	23.4	9.1	0.0
32.5°	114.9	87.6	63.7	42.2	24.4	9.4	0.0
30°	119.8	91.3	66.3	43.8	25.3	9.6	0.0
27.5°	124.4	94.7	68.5	45.2	26.2	9.8	0.0
25°	128.6	97.8	70.5	46.5	27.0	10.1	0.0
22.5°	132.5	100.5	72.4	47.6	27.7	10.3	0.0
20°	136.0	102.8	74.0	48.6	28.4	10.4	0.0
17.5°	139.2	104.9	75.4	49.5	29.0	10.6	0.0
15°	141.9	106.6	76.6	50.2	29.6	10.7	0.0
12.5°	144.2	108.1	77.6	50.8	30.1	10.8	0.0
10°	146.2	109.3	78.4	51.2	30.5	10.9	0.0
7.5°	147.7	110.1	78.9	51.5	30.8	11.0	0.0
5°	148.8	110.7	79.3	51.7	31.1	11.1	0.0
2.5°	149.5	110.9	79.5	51.8	31.3	11.1	0.0
0°	149.7	110.9	79.4	51.7	31.4	11.1	0.0
-2.5°	149.5	110.9	79.5	51.8	31.3	11.1	0.0
-5°	148.8	110.7	79.3	51.7	31.1	11.1	0.0
-7.5°	147.7	110.1	78.9	51.5	30.8	11.0	0.0
-10°	146.2	109.3	78.4	51.2	30.5	10.9	0.0
-12.5°	144.2	108.1	77.6	50.8	30.1	10.8	0.0
-15°	141.9	106.6	76.6	50.2	29.6	10.7	0.0
-17.5°	139.2	104.9	75.4	49.5	29.0	10.6	0.0
-20°	136.0	102.8	74.0	48.6	28.4	10.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	132.5	100.5	72.4	47.6	27.7	10.3	0.0
-25°	128.6	97.8	70.5	46.5	27.0	10.1	0.0
-27.5°	124.4	94.7	68.5	45.2	26.2	9.8	0.0
-30°	119.8	91.3	66.3	43.8	25.3	9.6	0.0
-32.5°	114.9	87.6	63.7	42.2	24.4	9.4	0.0
-35°	110.0	83.6	61.0	40.5	23.4	9.1	0.0
-37.5°	104.9	79.5	58.0	38.7	22.4	8.8	0.0
-40°	99.5	75.7	54.9	36.7	21.3	8.5	0.0
-42.5°	93.7	71.6	51.9	34.6	20.1	8.2	0.0
-45°	87.5	67.3	49.0	32.5	19.0	7.8	0.0
-47.5°	81.1	62.8	46.1	30.3	17.7	7.5	0.0
-50°	75.4	58.2	43.0	28.3	16.5	7.1	0.0
-52.5°	69.6	53.4	39.9	26.5	15.2	6.8	0.0
-55°	63.7	49.3	36.7	24.5	13.9	6.4	0.0
-57.5°	57.6	45.3	33.4	22.5	12.5	6.0	0.0
-60°	51.5	41.2	30.1	20.4	11.1	5.5	0.0
-62.5°	46.7	37.1	27.2	18.3	10.2	5.1	0.0
-65°	41.8	32.9	24.2	16.1	9.4	4.7	0.0
-67.5°	36.9	28.8	21.2	13.8	8.5	4.2	0.0
-70°	31.9	24.9	18.1	11.5	7.6	3.8	0.0
-72.5°	27.0	20.8	14.9	10.0	6.7	3.3	0.0
-75°	21.9	16.7	11.7	8.6	5.7	2.9	0.0
-77.5°	16.9	12.6	9.6	7.2	4.8	2.4	0.0
-80°	11.7	9.6	7.7	5.8	3.9	1.9	0.0
-82.5°	8.6	7.2	5.8	4.3	2.9	1.4	0.0
-85°	5.7	4.8	3.9	2.9	1.9	1.0	0.0
-87.5°	2.9	2.4	1.9	1.4	1.0	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)