

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: P558956 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-935-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558956 (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-SA4D-935-U-MR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (64) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

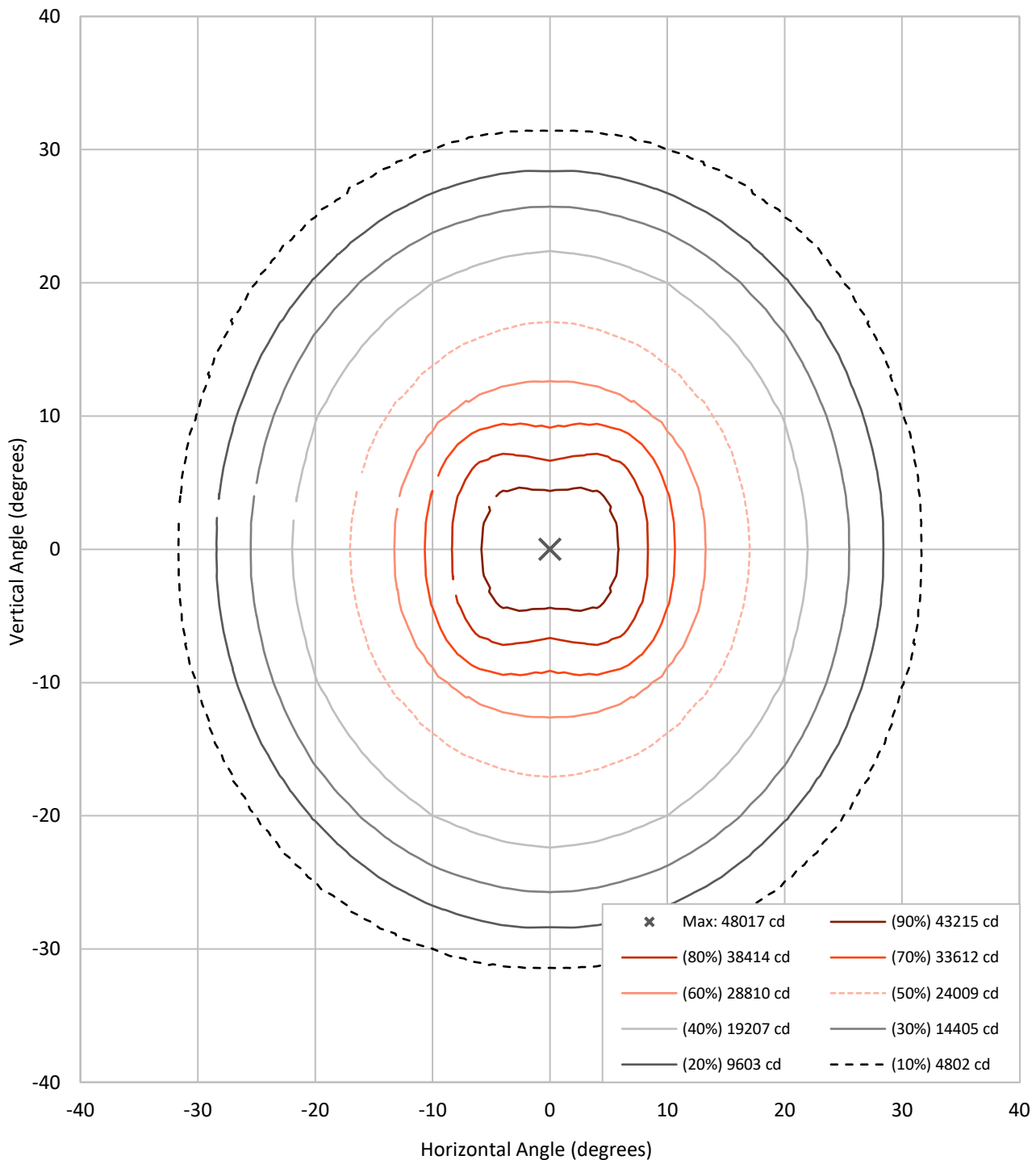
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	21241.4 lumens	Max Intensity:	48017 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	97.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	9047.5 lumens	Field Lumens:	18491.2 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 217
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





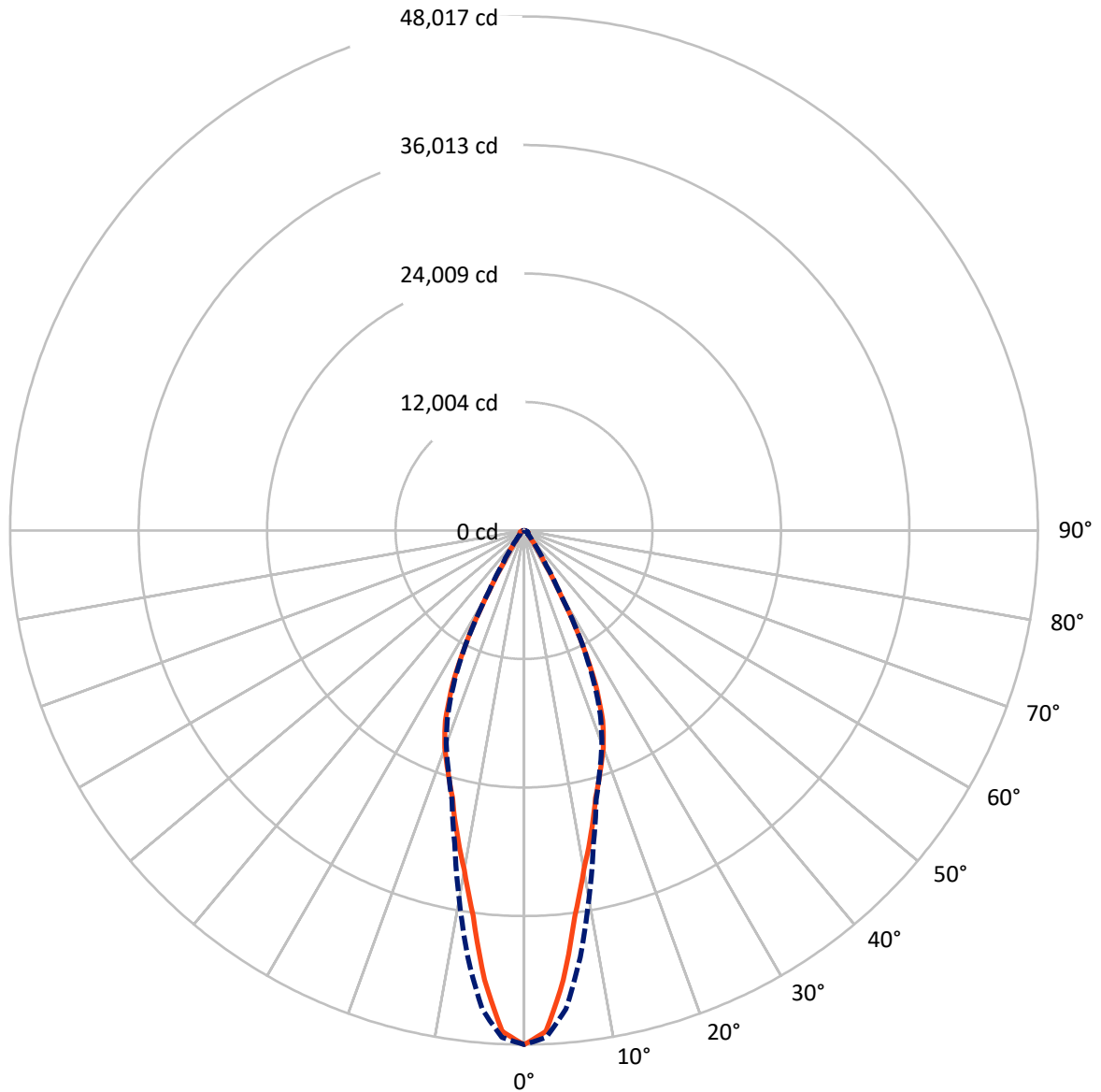
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Lumen Table

90																
80	0.3	2.3		6.6		10.9		12.7		10.9		6.6		2.3		0.3
70																
60	1.1	1.2	2.7	4.7	6.9	8.8	10.4	11.2	11.2	10.4	8.8	6.9	4.7	2.7	1.2	1.1
50		2.0	4.4	7.5	10.2	11.6	12.2	12.6	12.6	12.2	11.6	10.2	7.5	4.4	2.0	
40	2.0	2.8	6.0	9.1	10.6	13.1	16.8	19.3	19.3	16.8	13.1	10.6	9.1	6.0	2.8	2.0
30		3.5	7.0	9.1	13.7	27.1	51.5	78.6	78.6	51.5	27.1	13.7	9.1	7.0	3.5	
20	2.8	4.1	7.2	10.2	24.9	82.6	259.9	427.9	427.9	259.9	82.6	24.9	10.2	7.2	4.1	2.8
10		4.5	7.2	12.6	46.4	245.0	578.9	766.8	766.8	578.9	245.0	46.4	12.6	7.2	4.5	
0	3.0	4.6	7.3	14.5	70.6	385.9	752.9	1188.1	1188.1	752.9	385.9	70.6	14.5	7.3	4.6	3.0
-10		4.6	7.3	14.5	70.6	385.9	752.9	1188.1	1188.1	752.9	385.9	70.6	14.5	7.3	4.6	
-20	2.8	4.5	7.2	12.6	46.4	245.0	578.9	766.8	766.8	578.9	245.0	46.4	12.6	7.2	4.5	2.8
-30		4.1	7.2	10.2	24.9	82.6	259.9	427.9	427.9	259.9	82.6	24.9	10.2	7.2	4.1	
-40	2.0	3.5	7.0	9.1	13.7	27.1	51.5	78.6	78.6	51.5	27.1	13.7	9.1	7.0	3.5	2.0
-50		2.8	6.0	9.1	10.6	13.1	16.8	19.3	19.3	16.8	13.1	10.6	9.1	6.0	2.8	
-60	1.1	2.0	4.4	7.5	10.2	11.6	12.2	12.6	12.6	12.2	11.6	10.2	7.5	4.4	2.0	1.1
-70		1.2	2.7	4.7	6.9	8.8	10.4	11.2	11.2	10.4	8.8	6.9	4.7	2.7	1.2	
-80																
-90	0.3	2.3		6.6		10.9		12.7		10.9		6.6		2.3		0.3

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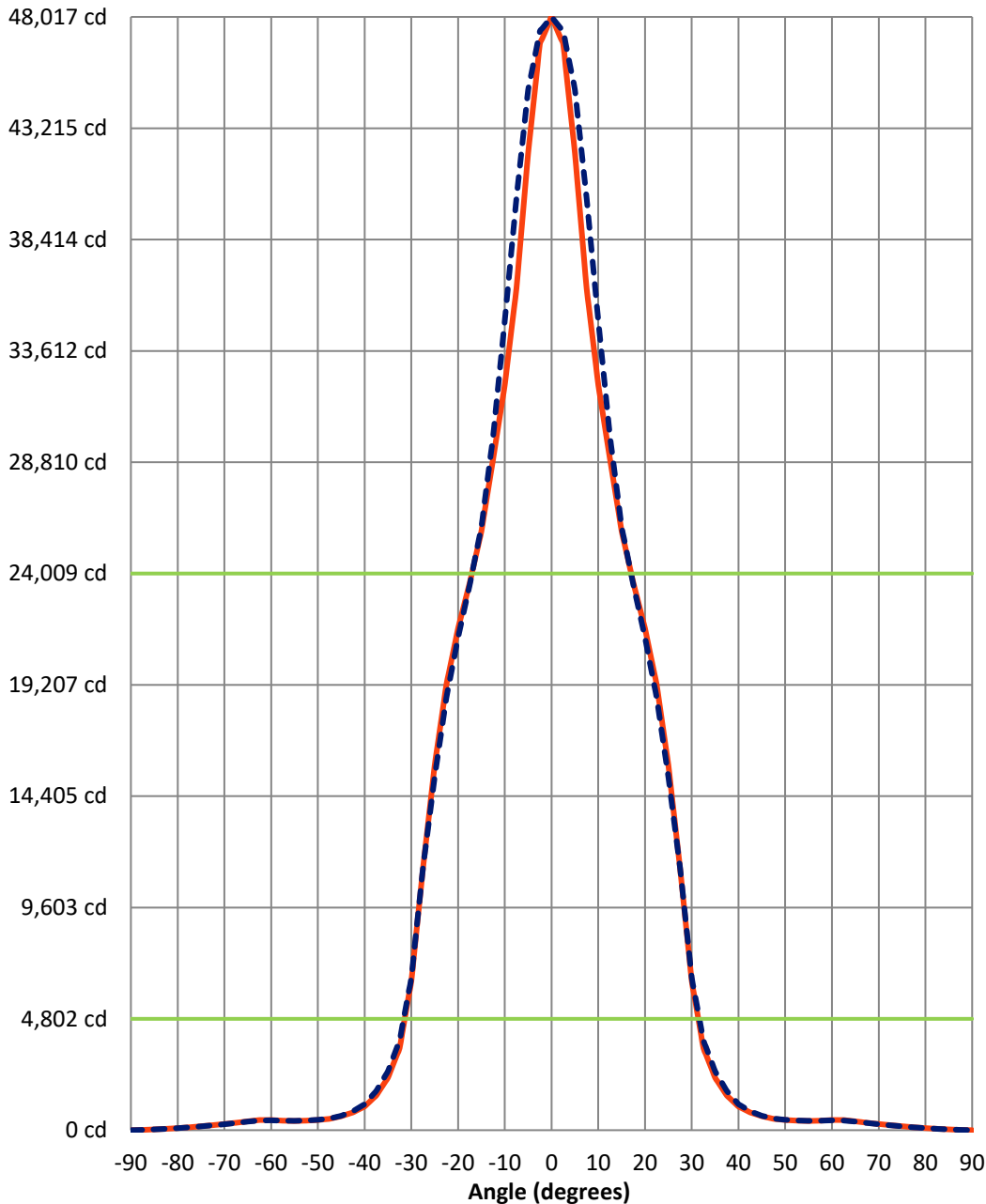
Luminous Intensity Polar Plot



— 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: 9047.5
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 18491.2
 Efficiency: 87.1%

Spill:
 Lumens: 2750.2
 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	1.1	1.6	2.1	2.6	3.2	3.7	4.2	4.7	5.2
85°	0.0	1.1	2.1	3.2	4.2	5.3	6.3	7.3	8.3	9.3	10.3
82.5°	0.0	1.6	3.2	4.8	6.3	7.9	9.4	11.0	12.7	15.2	17.6
80°	0.0	2.1	4.2	6.3	8.4	10.5	12.9	16.5	20.0	23.2	26.2
77.5°	0.0	2.6	5.3	7.9	10.5	13.8	18.6	23.0	27.2	31.1	35.1
75°	0.0	3.2	6.3	9.4	12.8	18.4	24.2	29.5	34.5	39.7	45.2
72.5°	0.0	3.7	7.3	11.0	16.4	22.9	29.7	36.0	42.2	48.5	55.1
70°	0.0	4.2	8.3	12.7	19.9	27.4	35.1	42.5	49.7	57.3	66.9
67.5°	0.0	4.7	9.3	15.2	23.3	31.8	40.6	48.9	57.3	68.3	79.1
65°	0.0	5.2	10.3	17.7	26.7	36.2	46.1	55.2	66.9	79.1	92.1
62.5°	0.0	5.6	11.3	20.1	30.0	40.9	51.5	62.9	76.4	90.4	107.0
60°	0.0	6.1	12.2	22.5	33.2	45.5	56.8	71.0	85.7	103.6	121.6
57.5°	0.0	6.6	13.7	24.8	36.8	50.0	63.5	79.0	96.7	116.5	136.6
55°	0.0	7.0	15.2	27.0	40.5	54.4	70.2	86.9	107.9	129.2	151.4
52.5°	0.0	7.4	16.7	29.1	44.0	58.9	76.8	96.2	118.8	141.8	165.7
50°	0.0	7.8	18.1	31.2	47.4	64.2	83.1	105.3	129.4	154.0	180.6
47.5°	0.0	8.2	19.5	33.3	50.8	69.3	89.4	114.1	139.6	165.5	195.4
45°	0.0	8.6	20.9	35.8	54.1	74.2	96.5	122.4	149.4	178.5	209.8
42.5°	0.0	9.0	22.2	38.1	57.2	78.9	103.3	130.5	158.9	191.1	224.6
40°	0.0	9.3	23.4	40.5	60.6	83.4	109.6	138.5	168.5	203.3	239.0
37.5°	0.0	9.7	24.6	42.6	64.0	87.7	115.6	146.0	178.8	215.0	252.7
35°	0.0	10.0	25.7	44.7	67.2	92.2	121.2	153.3	188.5	226.5	265.9
32.5°	0.0	10.3	26.8	46.6	70.3	96.6	126.6	160.1	197.5	237.3	278.5
30°	0.0	10.6	27.9	48.3	73.1	100.6	132.0	166.7	205.9	247.4	290.2
27.5°	0.0	10.8	28.8	49.9	75.6	104.4	137.1	173.5	213.8	256.8	301.2
25°	0.0	11.1	29.7	51.3	77.8	107.8	141.8	179.8	221.5	265.7	311.3
22.5°	0.0	11.3	30.5	52.5	79.8	110.8	146.1	185.4	228.4	273.9	321.4
20°	0.0	11.5	31.3	53.6	81.5	113.3	149.9	190.5	234.6	281.2	330.5
17.5°	0.0	11.6	32.0	54.6	83.1	115.6	153.4	194.9	240.1	287.7	338.4
15°	0.0	11.8	32.6	55.4	84.4	117.5	156.4	198.8	244.9	293.4	345.3
12.5°	0.0	11.9	33.1	56.0	85.5	119.1	159.0	202.1	248.9	298.2	351.0
10°	0.0	12.0	33.6	56.5	86.4	120.4	161.1	204.9	252.0	302.5	356.1
7.5°	0.0	12.1	34.0	56.8	87.1	121.4	162.8	207.0	254.3	306.1	361.3
5°	0.0	12.2	34.3	57.0	87.5	122.0	164.0	208.6	255.9	308.8	365.5
2.5°	0.0	12.2	34.5	57.1	87.7	122.3	164.8	209.5	256.6	310.7	368.7
0°	0.0	12.2	34.6	57.0	87.6	122.2	165.0	209.8	256.6	311.6	370.7
-2.5°	0.0	12.2	34.5	57.1	87.7	122.3	164.8	209.5	256.6	310.7	368.7
-5°	0.0	12.2	34.3	57.0	87.5	122.0	164.0	208.6	255.9	308.8	365.5
-7.5°	0.0	12.1	34.0	56.8	87.1	121.4	162.8	207.0	254.3	306.1	361.3
-10°	0.0	12.0	33.6	56.5	86.4	120.4	161.1	204.9	252.0	302.5	356.1
-12.5°	0.0	11.9	33.1	56.0	85.5	119.1	159.0	202.1	248.9	298.2	351.0
-15°	0.0	11.8	32.6	55.4	84.4	117.5	156.4	198.8	244.9	293.4	345.3
-17.5°	0.0	11.6	32.0	54.6	83.1	115.6	153.4	194.9	240.1	287.7	338.4
-20°	0.0	11.5	31.3	53.6	81.5	113.3	149.9	190.5	234.6	281.2	330.5



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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	11.3	30.5	52.5	79.8	110.8	146.1	185.4	228.4	273.9	321.4
-25°	0.0	11.1	29.7	51.3	77.8	107.8	141.8	179.8	221.5	265.7	311.3
-27.5°	0.0	10.8	28.8	49.9	75.6	104.4	137.1	173.5	213.8	256.8	301.2
-30°	0.0	10.6	27.9	48.3	73.1	100.6	132.0	166.7	205.9	247.4	290.2
-32.5°	0.0	10.3	26.8	46.6	70.3	96.6	126.6	160.1	197.5	237.3	278.5
-35°	0.0	10.0	25.7	44.7	67.2	92.2	121.2	153.3	188.5	226.5	265.9
-37.5°	0.0	9.7	24.6	42.6	64.0	87.7	115.6	146.0	178.8	215.0	252.7
-40°	0.0	9.3	23.4	40.5	60.6	83.4	109.6	138.5	168.5	203.3	239.0
-42.5°	0.0	9.0	22.2	38.1	57.2	78.9	103.3	130.5	158.9	191.1	224.6
-45°	0.0	8.6	20.9	35.8	54.1	74.2	96.5	122.4	149.4	178.5	209.8
-47.5°	0.0	8.2	19.5	33.3	50.8	69.3	89.4	114.1	139.6	165.5	195.4
-50°	0.0	7.8	18.1	31.2	47.4	64.2	83.1	105.3	129.4	154.0	180.6
-52.5°	0.0	7.4	16.7	29.1	44.0	58.9	76.8	96.2	118.8	141.8	165.7
-55°	0.0	7.0	15.2	27.0	40.5	54.4	70.2	86.9	107.9	129.2	151.4
-57.5°	0.0	6.6	13.7	24.8	36.8	50.0	63.5	79.0	96.7	116.5	136.6
-60°	0.0	6.1	12.2	22.5	33.2	45.5	56.8	71.0	85.7	103.6	121.6
-62.5°	0.0	5.6	11.3	20.1	30.0	40.9	51.5	62.9	76.4	90.4	107.0
-65°	0.0	5.2	10.3	17.7	26.7	36.2	46.1	55.2	66.9	79.1	92.1
-67.5°	0.0	4.7	9.3	15.2	23.3	31.8	40.6	48.9	57.3	68.3	79.1
-70°	0.0	4.2	8.3	12.7	19.9	27.4	35.1	42.5	49.7	57.3	66.9
-72.5°	0.0	3.7	7.3	11.0	16.4	22.9	29.7	36.0	42.2	48.5	55.1
-75°	0.0	3.2	6.3	9.4	12.8	18.4	24.2	29.5	34.5	39.7	45.2
-77.5°	0.0	2.6	5.3	7.9	10.5	13.8	18.6	23.0	27.2	31.1	35.1
-80°	0.0	2.1	4.2	6.3	8.4	10.5	12.9	16.5	20.0	23.2	26.2
-82.5°	0.0	1.6	3.2	4.8	6.3	7.9	9.4	11.0	12.7	15.2	17.6
-85°	0.0	1.1	2.1	3.2	4.2	5.3	6.3	7.3	8.3	9.3	10.3
-87.5°	0.0	0.5	1.1	1.6	2.1	2.6	3.2	3.7	4.2	4.7	5.2
-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°	5.6	6.1	6.6	7.0	7.4	7.8	8.2	8.6	9.0	9.3	9.7
85°	11.3	12.2	13.7	15.2	16.5	17.7	18.8	19.8	20.9	22.0	23.0
82.5°	20.0	22.3	24.6	26.8	28.6	30.2	31.8	34.0	36.6	39.0	41.4
80°	29.3	32.4	36.3	40.2	43.7	47.1	50.6	54.0	57.5	61.0	64.7
77.5°	39.9	44.9	49.9	55.1	60.0	65.8	71.4	77.1	82.1	86.7	90.8
75°	51.1	57.2	64.7	72.4	79.7	86.8	94.1	101.9	108.9	115.1	121.0
72.5°	63.2	72.2	81.2	90.3	100.4	110.2	119.6	128.7	137.0	144.8	152.6
70°	76.8	87.1	99.1	111.4	123.1	134.3	145.1	155.4	165.1	175.3	186.2
67.5°	90.6	104.8	118.7	132.5	146.3	158.9	170.8	184.1	197.1	210.0	222.3
65°	107.1	122.7	138.8	154.6	169.6	184.9	200.2	215.3	230.6	245.3	258.9
62.5°	123.4	141.5	159.4	176.8	194.6	212.0	230.0	247.7	264.7	282.5	299.6
60°	140.7	160.5	180.0	199.7	219.6	240.5	260.5	281.2	302.2	322.3	341.6
57.5°	157.8	179.3	200.6	222.9	246.2	269.2	292.8	316.1	340.1	363.0	382.9
55°	174.5	197.7	221.6	247.2	272.8	299.1	325.5	352.7	378.5	397.7	415.9
52.5°	191.2	216.1	243.7	271.4	299.9	329.4	360.2	386.4	407.9	424.3	428.3
50°	207.7	236.2	265.3	295.7	327.2	360.6	390.0	413.7	425.8	430.5	428.0
47.5°	225.0	255.7	286.9	319.7	354.9	386.9	414.6	426.7	432.5	426.2	418.5
45°	242.3	275.0	308.1	344.1	379.3	409.6	425.2	433.7	426.0	418.5	413.2
42.5°	258.8	293.9	330.1	367.2	400.0	421.4	431.2	426.3	419.6	413.9	415.8
40°	275.3	312.1	351.7	386.7	416.2	427.0	425.4	419.3	415.5	418.0	426.3
37.5°	291.0	331.2	371.7	405.5	421.4	425.7	418.5	414.6	417.5	427.1	445.4
35°	306.0	349.5	388.0	416.3	427.0	419.5	414.2	413.6	424.5	444.1	471.4
32.5°	321.2	366.9	403.4	421.1	422.8	414.5	410.6	419.9	437.1	462.9	508.7
30°	335.9	380.3	414.7	425.4	418.0	411.6	413.8	427.3	450.7	493.5	567.7
27.5°	349.4	392.5	418.3	423.4	413.9	408.5	418.6	438.9	472.8	530.0	635.9
25°	361.7	403.5	421.5	419.5	411.1	410.5	424.2	449.3	496.0	588.5	733.6
22.5°	371.8	413.6	424.5	415.9	408.3	413.8	433.0	467.7	530.3	643.7	835.6
20°	380.1	416.1	424.0	412.5	405.6	416.4	440.8	485.9	576.5	730.1	950.4
17.5°	387.5	418.3	421.1	410.2	407.2	420.7	449.0	502.0	617.5	804.4	1060.7
15°	394.2	420.2	418.4	408.3	409.2	426.5	462.2	532.5	666.7	874.4	1159.7
12.5°	399.9	421.9	415.8	406.6	410.7	431.3	473.4	560.3	715.3	950.2	1318.6
10°	404.7	423.3	413.4	405.3	411.7	435.1	482.6	582.2	752.6	1014.6	1451.8
7.5°	409.1	424.4	411.4	404.2	412.2	437.8	489.5	598.3	779.3	1066.3	1551.5
5°	412.3	425.1	410.3	403.7	413.7	440.9	494.7	608.7	795.5	1103.9	1618.2
2.5°	414.5	425.6	409.6	403.4	415.8	445.0	499.0	617.6	809.9	1122.5	1665.7
0°	415.5	425.7	409.4	403.3	417.5	448.1	501.0	621.2	816.7	1122.3	1694.6
-2.5°	414.5	425.6	409.6	403.4	415.8	445.0	499.0	617.6	809.9	1122.5	1665.7
-5°	412.3	425.1	410.3	403.7	413.7	440.9	494.7	608.7	795.5	1103.9	1618.2
-7.5°	409.1	424.4	411.4	404.2	412.2	437.8	489.5	598.3	779.3	1066.3	1551.5
-10°	404.7	423.3	413.4	405.3	411.7	435.1	482.6	582.2	752.6	1014.6	1451.8
-12.5°	399.9	421.9	415.8	406.6	410.7	431.3	473.4	560.3	715.3	950.2	1318.6
-15°	394.2	420.2	418.4	408.3	409.2	426.5	462.2	532.5	666.7	874.4	1159.7
-17.5°	387.5	418.3	421.1	410.2	407.2	420.7	449.0	502.0	617.5	804.4	1060.7
-20°	380.1	416.1	424.0	412.5	405.6	416.4	440.8	485.9	576.5	730.1	950.4



REPORT NUMBER: P558956 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-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°	371.8	413.6	424.5	415.9	408.3	413.8	433.0	467.7	530.3	643.7	835.6
-25°	361.7	403.5	421.5	419.5	411.1	410.5	424.2	449.3	496.0	588.5	733.6
-27.5°	349.4	392.5	418.3	423.4	413.9	408.5	418.6	438.9	472.8	530.0	635.9
-30°	335.9	380.3	414.7	425.4	418.0	411.6	413.8	427.3	450.7	493.5	567.7
-32.5°	321.2	366.9	403.4	421.1	422.8	414.5	410.6	419.9	437.1	462.9	508.7
-35°	306.0	349.5	388.0	416.3	427.0	419.5	414.2	413.6	424.5	444.1	471.4
-37.5°	291.0	331.2	371.7	405.5	421.4	425.7	418.5	414.6	417.5	427.1	445.4
-40°	275.3	312.1	351.7	386.7	416.2	427.0	425.4	419.3	415.5	418.0	426.3
-42.5°	258.8	293.9	330.1	367.2	400.0	421.4	431.2	426.3	419.6	413.9	415.8
-45°	242.3	275.0	308.1	344.1	379.3	409.6	425.2	433.7	426.0	418.5	413.2
-47.5°	225.0	255.7	286.9	319.7	354.9	386.9	414.6	426.7	432.5	426.2	418.5
-50°	207.7	236.2	265.3	295.7	327.2	360.6	390.0	413.7	425.8	430.5	428.0
-52.5°	191.2	216.1	243.7	271.4	299.9	329.4	360.2	386.4	407.9	424.3	428.3
-55°	174.5	197.7	221.6	247.2	272.8	299.1	325.5	352.7	378.5	397.7	415.9
-57.5°	157.8	179.3	200.6	222.9	246.2	269.2	292.8	316.1	340.1	363.0	382.9
-60°	140.7	160.5	180.0	199.7	219.6	240.5	260.5	281.2	302.2	322.3	341.6
-62.5°	123.4	141.5	159.4	176.8	194.6	212.0	230.0	247.7	264.7	282.5	299.6
-65°	107.1	122.7	138.8	154.6	169.6	184.9	200.2	215.3	230.6	245.3	258.9
-67.5°	90.6	104.8	118.7	132.5	146.3	158.9	170.8	184.1	197.1	210.0	222.3
-70°	76.8	87.1	99.1	111.4	123.1	134.3	145.1	155.4	165.1	175.3	186.2
-72.5°	63.2	72.2	81.2	90.3	100.4	110.2	119.6	128.7	137.0	144.8	152.6
-75°	51.1	57.2	64.7	72.4	79.7	86.8	94.1	101.9	108.9	115.1	121.0
-77.5°	39.9	44.9	49.9	55.1	60.0	65.8	71.4	77.1	82.1	86.7	90.8
-80°	29.3	32.4	36.3	40.2	43.7	47.1	50.6	54.0	57.5	61.0	64.7
-82.5°	20.0	22.3	24.6	26.8	28.6	30.2	31.8	34.0	36.6	39.0	41.4
-85°	11.3	12.2	13.7	15.2	16.5	17.7	18.8	19.8	20.9	22.0	23.0
-87.5°	5.6	6.1	6.6	7.0	7.4	7.8	8.2	8.6	9.0	9.3	9.7
-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: P558956 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-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°	10.0	9.9	9.7	9.5	9.2	9.4	9.6	9.7	9.9	10.4	11.0
85°	23.9	25.0	26.1	27.2	28.4	29.2	29.9	30.5	31.1	31.6	31.9
82.5°	43.6	45.9	48.0	49.9	51.6	53.0	54.3	55.4	56.4	57.2	57.9
80°	68.0	71.0	73.6	76.0	78.1	79.9	81.5	82.7	83.7	85.7	87.7
77.5°	95.1	99.3	103.2	106.8	110.0	113.2	116.2	118.9	121.3	123.1	124.4
75°	126.6	131.9	137.3	142.2	146.7	151.3	155.8	159.9	163.7	166.2	168.0
72.5°	160.4	167.6	174.1	180.4	186.0	191.7	197.3	202.3	206.7	210.2	212.9
70°	196.6	205.9	213.6	220.7	227.7	234.8	241.7	247.7	252.9	257.1	260.6
67.5°	234.1	244.8	254.4	263.7	273.1	281.8	290.2	298.0	305.1	310.5	314.2
65°	272.4	286.2	298.8	310.3	320.7	330.6	341.1	350.7	359.4	366.5	372.1
62.5°	315.7	331.4	345.7	358.5	370.1	379.3	389.3	398.3	406.5	414.0	421.5
60°	360.1	377.5	390.1	401.0	411.0	419.9	423.3	426.6	429.3	431.8	434.7
57.5°	398.7	413.7	424.5	427.0	429.2	431.1	429.9	426.4	422.8	419.1	416.3
55°	425.7	430.0	434.8	431.1	425.1	419.5	414.6	411.2	408.0	405.1	402.7
52.5°	432.9	428.8	423.8	418.3	414.1	409.9	405.6	406.3	407.7	408.7	409.2
50°	422.4	417.5	414.8	411.7	412.2	414.4	416.1	420.1	425.1	428.7	431.7
47.5°	414.2	411.1	415.1	420.3	425.1	433.9	441.6	449.3	461.1	470.5	477.9
45°	412.0	419.7	427.7	440.3	451.5	470.7	488.8	504.0	532.1	557.9	578.2
42.5°	423.7	436.9	451.4	476.0	502.5	536.6	580.3	617.3	660.6	701.1	730.3
40°	442.9	462.4	495.0	534.6	596.7	651.8	724.3	786.2	844.5	906.2	952.6
37.5°	470.5	507.0	568.0	639.1	733.3	823.6	923.5	1020.5	1103.1	1228.2	1326.0
35°	511.6	585.4	672.0	790.8	913.8	1052.4	1198.4	1386.5	1552.2	1746.6	1929.3
32.5°	586.3	686.3	822.0	982.8	1146.3	1385.4	1610.9	1916.6	2191.4	2534.2	2902.9
30°	673.9	823.0	1005.5	1215.4	1511.3	1840.2	2211.0	2680.0	3237.1	3900.6	4790.8
27.5°	794.6	986.1	1215.5	1555.8	1975.6	2416.4	3073.9	3862.1	5298.5	6550.4	8209.3
25°	924.4	1158.3	1521.2	1978.5	2530.9	3324.7	4610.3	6250.4	8573.5	10794.8	12570.6
22.5°	1074.2	1415.9	1873.9	2443.1	3337.0	4873.9	6870.0	9758.4	12348.8	14589.2	16314.6
20°	1239.9	1668.6	2284.2	3154.0	4676.3	6927.1	10131.5	13095.8	15741.6	17670.3	19194.8
17.5°	1454.7	2014.7	2795.7	3995.9	6332.4	9800.9	13104.3	16034.2	18336.4	20030.9	21382.3
15°	1655.2	2333.1	3345.4	5393.3	8582.3	12289.3	15675.4	18289.1	20281.3	21858.1	23073.2
12.5°	1891.8	2691.0	3988.0	6600.5	10651.2	14342.3	17500.9	19941.5	21860.0	23338.0	24966.5
10°	2102.6	3075.9	4908.7	8209.1	12350.1	15955.8	19023.1	21216.4	23140.2	25066.3	27508.3
7.5°	2276.6	3399.0	5663.8	9566.4	13654.4	17149.3	19943.7	22135.2	24255.4	26827.9	30350.0
5°	2414.8	3642.6	6284.9	10591.1	14602.7	18001.1	20646.7	22868.2	25263.0	28704.2	33430.9
2.5°	2507.2	3802.3	6673.2	11210.2	15200.9	18489.7	21167.9	23347.6	25858.4	29754.7	34692.9
0°	2543.9	3876.0	6574.7	11322.4	15237.1	18648.7	21245.6	23526.8	26028.0	29930.4	34924.6
-2.5°	2507.2	3802.3	6673.2	11210.2	15200.9	18489.7	21167.9	23347.6	25858.4	29754.7	34692.9
-5°	2414.8	3642.6	6284.9	10591.1	14602.7	18001.1	20646.7	22868.2	25263.0	28704.2	33430.9
-7.5°	2276.6	3399.0	5663.8	9566.4	13654.4	17149.3	19943.7	22135.2	24255.4	26827.9	30350.0
-10°	2102.6	3075.9	4908.7	8209.1	12350.1	15955.8	19023.1	21216.4	23140.2	25066.3	27508.3
-12.5°	1891.8	2691.0	3988.0	6600.5	10651.2	14342.3	17500.9	19941.5	21860.0	23338.0	24966.5
-15°	1655.2	2333.1	3345.4	5393.3	8582.3	12289.3	15675.4	18289.1	20281.3	21858.1	23073.2
-17.5°	1454.7	2014.7	2795.7	3995.9	6332.4	9800.9	13104.3	16034.2	18336.4	20030.9	21382.3
-20°	1239.9	1668.6	2284.2	3154.0	4676.3	6927.1	10131.5	13095.8	15741.6	17670.3	19194.8



REPORT NUMBER: P558956 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1074.2	1415.9	1873.9	2443.1	3337.0	4873.9	6870.0	9758.4	12348.8	14589.2	16314.6
-25°	924.4	1158.3	1521.2	1978.5	2530.9	3324.7	4610.3	6250.4	8573.5	10794.8	12570.6
-27.5°	794.6	986.1	1215.5	1555.8	1975.6	2416.4	3073.9	3862.1	5298.5	6550.4	8209.3
-30°	673.9	823.0	1005.5	1215.4	1511.3	1840.2	2211.0	2680.0	3237.1	3900.6	4790.8
-32.5°	586.3	686.3	822.0	982.8	1146.3	1385.4	1610.9	1916.6	2191.4	2534.2	2902.9
-35°	511.6	585.4	672.0	790.8	913.8	1052.4	1198.4	1386.5	1552.2	1746.6	1929.3
-37.5°	470.5	507.0	568.0	639.1	733.3	823.6	923.5	1020.5	1103.1	1228.2	1326.0
-40°	442.9	462.4	495.0	534.6	596.7	651.8	724.3	786.2	844.5	906.2	952.6
-42.5°	423.7	436.9	451.4	476.0	502.5	536.6	580.3	617.3	660.6	701.1	730.3
-45°	412.0	419.7	427.7	440.3	451.5	470.7	488.8	504.0	532.1	557.9	578.2
-47.5°	414.2	411.1	415.1	420.3	425.1	433.9	441.6	449.3	461.1	470.5	477.9
-50°	422.4	417.5	414.8	411.7	412.2	414.4	416.1	420.1	425.1	428.7	431.7
-52.5°	432.9	428.8	423.8	418.3	414.1	409.9	405.6	406.3	407.7	408.7	409.2
-55°	425.7	430.0	434.8	431.1	425.1	419.5	414.6	411.2	408.0	405.1	402.7
-57.5°	398.7	413.7	424.5	427.0	429.2	431.1	429.9	426.4	422.8	419.1	416.3
-60°	360.1	377.5	390.1	401.0	411.0	419.9	423.3	426.6	429.3	431.8	434.7
-62.5°	315.7	331.4	345.7	358.5	370.1	379.3	389.3	398.3	406.5	414.0	421.5
-65°	272.4	286.2	298.8	310.3	320.7	330.6	341.1	350.7	359.4	366.5	372.1
-67.5°	234.1	244.8	254.4	263.7	273.1	281.8	290.2	298.0	305.1	310.5	314.2
-70°	196.6	205.9	213.6	220.7	227.7	234.8	241.7	247.7	252.9	257.1	260.6
-72.5°	160.4	167.6	174.1	180.4	186.0	191.7	197.3	202.3	206.7	210.2	212.9
-75°	126.6	131.9	137.3	142.2	146.7	151.3	155.8	159.9	163.7	166.2	168.0
-77.5°	95.1	99.3	103.2	106.8	110.0	113.2	116.2	118.9	121.3	123.1	124.4
-80°	68.0	71.0	73.6	76.0	78.1	79.9	81.5	82.7	83.7	85.7	87.7
-82.5°	43.6	45.9	48.0	49.9	51.6	53.0	54.3	55.4	56.4	57.2	57.9
-85°	23.9	25.0	26.1	27.2	28.4	29.2	29.9	30.5	31.1	31.6	31.9
-87.5°	10.0	9.9	9.7	9.5	9.2	9.4	9.6	9.7	9.9	10.4	11.0
-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: P558956 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-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°	11.6	12.2	12.2	12.2	12.2	12.2	11.6	11.0	10.4	9.9	9.7
85°	32.2	32.4	33.6	34.6	33.6	32.4	32.2	31.9	31.6	31.1	30.5
82.5°	58.4	58.8	59.0	59.1	59.0	58.8	58.4	57.9	57.2	56.4	55.4
80°	89.5	91.2	90.5	89.6	90.5	91.2	89.5	87.7	85.7	83.7	82.7
77.5°	125.3	125.7	125.1	124.2	125.1	125.7	125.3	124.4	123.1	121.3	118.9
75°	169.3	170.1	170.8	171.1	170.8	170.1	169.3	168.0	166.2	163.7	159.9
72.5°	215.0	216.6	216.6	215.9	216.6	216.6	215.0	212.9	210.2	206.7	202.3
70°	263.3	265.2	266.4	266.8	266.4	265.2	263.3	260.6	257.1	252.9	247.7
67.5°	316.6	318.0	319.3	319.8	319.3	318.0	316.6	314.2	310.5	305.1	298.0
65°	376.7	380.2	381.4	380.9	381.4	380.2	376.7	372.1	366.5	359.4	350.7
62.5°	428.5	434.7	437.3	437.9	437.3	434.7	428.5	421.5	414.0	406.5	398.3
60°	437.2	439.3	439.9	439.9	439.9	439.3	437.2	434.7	431.8	429.3	426.6
57.5°	413.6	411.2	409.8	409.4	409.8	411.2	413.6	416.3	419.1	422.8	426.4
55°	400.4	398.4	397.4	397.2	397.4	398.4	400.4	402.7	405.1	408.0	411.2
52.5°	409.4	409.1	409.9	411.4	409.9	409.1	409.4	409.2	408.7	407.7	406.3
50°	434.3	436.1	438.1	439.9	438.1	436.1	434.3	431.7	428.7	425.1	420.1
47.5°	483.3	486.1	487.8	488.8	487.8	486.1	483.3	477.9	470.5	461.1	449.3
45°	591.3	598.4	601.8	602.9	601.8	598.4	591.3	578.2	557.9	532.1	504.0
42.5°	749.7	760.4	764.9	765.8	764.9	760.4	749.7	730.3	701.1	660.6	617.3
40°	985.8	1004.7	1013.9	1020.4	1013.9	1004.7	985.8	952.6	906.2	844.5	786.2
37.5°	1399.3	1446.8	1473.7	1497.0	1473.7	1446.8	1399.3	1326.0	1228.2	1103.1	1020.5
35°	2077.9	2186.8	2251.0	2264.9	2251.0	2186.8	2077.9	1929.3	1746.6	1552.2	1386.5
32.5°	3186.7	3400.3	3528.0	3544.0	3528.0	3400.3	3186.7	2902.9	2534.2	2191.4	1916.6
30°	5481.9	6080.4	6490.6	6434.2	6490.6	6080.4	5481.9	4790.8	3900.6	3237.1	2680.0
27.5°	9568.4	10653.7	11358.7	11300.0	11358.7	10653.7	9568.4	8209.3	6550.4	5298.5	3862.1
25°	13935.9	14934.9	15524.5	15742.2	15524.5	14934.9	13935.9	12570.6	10794.8	8573.5	6250.4
22.5°	17502.4	18395.5	18905.6	19210.9	18905.6	18395.5	17502.4	16314.6	14589.2	12348.8	9758.4
20°	20235.0	21009.5	21448.3	21636.7	21448.3	21009.5	20235.0	19194.8	17670.3	15741.6	13095.8
17.5°	22337.3	22985.6	23482.4	23610.3	23482.4	22985.6	22337.3	21382.3	20030.9	18336.4	16034.2
15°	24196.8	25034.4	25620.1	25838.5	25620.1	25034.4	24196.8	23073.2	21858.1	20281.3	18289.1
12.5°	26541.6	27998.0	28772.2	28950.7	28772.2	27998.0	26541.6	24966.5	23338.0	21860.0	19941.5
10°	30007.5	32246.1	32499.8	32152.5	32499.8	32246.1	30007.5	27508.3	25066.3	23140.2	21216.4
7.5°	35055.2	38040.2	37394.7	36319.8	37394.7	38040.2	35055.2	30350.0	26827.9	24255.4	22135.2
5°	38667.4	42811.7	42940.3	42151.1	42940.3	42811.7	38667.4	33430.9	28704.2	25263.0	22868.2
2.5°	40105.5	44371.6	46494.8	46842.8	46494.8	44371.6	40105.5	34692.9	29754.7	25858.4	23347.6
0°	40213.1	44874.3	47391.7	48017.0	47391.7	44874.3	40213.1	34924.6	29930.4	26028.0	23526.8
-2.5°	40105.5	44371.6	46494.8	46842.8	46494.8	44371.6	40105.5	34692.9	29754.7	25858.4	23347.6
-5°	38667.4	42811.7	42940.3	42151.1	42940.3	42811.7	38667.4	33430.9	28704.2	25263.0	22868.2
-7.5°	35055.2	38040.2	37394.7	36319.8	37394.7	38040.2	35055.2	30350.0	26827.9	24255.4	22135.2
-10°	30007.5	32246.1	32499.8	32152.5	32499.8	32246.1	30007.5	27508.3	25066.3	23140.2	21216.4
-12.5°	26541.6	27998.0	28772.2	28950.7	28772.2	27998.0	26541.6	24966.5	23338.0	21860.0	19941.5
-15°	24196.8	25034.4	25620.1	25838.5	25620.1	25034.4	24196.8	23073.2	21858.1	20281.3	18289.1
-17.5°	22337.3	22985.6	23482.4	23610.3	23482.4	22985.6	22337.3	21382.3	20030.9	18336.4	16034.2
-20°	20235.0	21009.5	21448.3	21636.7	21448.3	21009.5	20235.0	19194.8	17670.3	15741.6	13095.8



REPORT NUMBER: P558956 (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°	17502.4	18395.5	18905.6	19210.9	18905.6	18395.5	17502.4	16314.6	14589.2	12348.8	9758.4
-25°	13935.9	14934.9	15524.5	15742.2	15524.5	14934.9	13935.9	12570.6	10794.8	8573.5	6250.4
-27.5°	9568.4	10653.7	11358.7	11300.0	11358.7	10653.7	9568.4	8209.3	6550.4	5298.5	3862.1
-30°	5481.9	6080.4	6490.6	6434.2	6490.6	6080.4	5481.9	4790.8	3900.6	3237.1	2680.0
-32.5°	3186.7	3400.3	3528.0	3544.0	3528.0	3400.3	3186.7	2902.9	2534.2	2191.4	1916.6
-35°	2077.9	2186.8	2251.0	2264.9	2251.0	2186.8	2077.9	1929.3	1746.6	1552.2	1386.5
-37.5°	1399.3	1446.8	1473.7	1497.0	1473.7	1446.8	1399.3	1326.0	1228.2	1103.1	1020.5
-40°	985.8	1004.7	1013.9	1020.4	1013.9	1004.7	985.8	952.6	906.2	844.5	786.2
-42.5°	749.7	760.4	764.9	765.8	764.9	760.4	749.7	730.3	701.1	660.6	617.3
-45°	591.3	598.4	601.8	602.9	601.8	598.4	591.3	578.2	557.9	532.1	504.0
-47.5°	483.3	486.1	487.8	488.8	487.8	486.1	483.3	477.9	470.5	461.1	449.3
-50°	434.3	436.1	438.1	439.9	438.1	436.1	434.3	431.7	428.7	425.1	420.1
-52.5°	409.4	409.1	409.9	411.4	409.9	409.1	409.4	409.2	408.7	407.7	406.3
-55°	400.4	398.4	397.4	397.2	397.4	398.4	400.4	402.7	405.1	408.0	411.2
-57.5°	413.6	411.2	409.8	409.4	409.8	411.2	413.6	416.3	419.1	422.8	426.4
-60°	437.2	439.3	439.9	439.9	439.9	439.3	437.2	434.7	431.8	429.3	426.6
-62.5°	428.5	434.7	437.3	437.9	437.3	434.7	428.5	421.5	414.0	406.5	398.3
-65°	376.7	380.2	381.4	380.9	381.4	380.2	376.7	372.1	366.5	359.4	350.7
-67.5°	316.6	318.0	319.3	319.8	319.3	318.0	316.6	314.2	310.5	305.1	298.0
-70°	263.3	265.2	266.4	266.8	266.4	265.2	263.3	260.6	257.1	252.9	247.7
-72.5°	215.0	216.6	216.6	215.9	216.6	216.6	215.0	212.9	210.2	206.7	202.3
-75°	169.3	170.1	170.8	171.1	170.8	170.1	169.3	168.0	166.2	163.7	159.9
-77.5°	125.3	125.7	125.1	124.2	125.1	125.7	125.3	124.4	123.1	121.3	118.9
-80°	89.5	91.2	90.5	89.6	90.5	91.2	89.5	87.7	85.7	83.7	82.7
-82.5°	58.4	58.8	59.0	59.1	59.0	58.8	58.4	57.9	57.2	56.4	55.4
-85°	32.2	32.4	33.6	34.6	33.6	32.4	32.2	31.9	31.6	31.1	30.5
-87.5°	11.6	12.2	12.2	12.2	12.2	12.2	11.6	11.0	10.4	9.9	9.7
-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: P558956 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-MR-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°	9.6	9.4	9.2	9.5	9.7	9.9	10.0	9.7	9.3	9.0	8.6
85°	29.9	29.2	28.4	27.2	26.1	25.0	23.9	23.0	22.0	20.9	19.8
82.5°	54.3	53.0	51.6	49.9	48.0	45.9	43.6	41.4	39.0	36.6	34.0
80°	81.5	79.9	78.1	76.0	73.6	71.0	68.0	64.7	61.0	57.5	54.0
77.5°	116.2	113.2	110.0	106.8	103.2	99.3	95.1	90.8	86.7	82.1	77.1
75°	155.8	151.3	146.7	142.2	137.3	131.9	126.6	121.0	115.1	108.9	101.9
72.5°	197.3	191.7	186.0	180.4	174.1	167.6	160.4	152.6	144.8	137.0	128.7
70°	241.7	234.8	227.7	220.7	213.6	205.9	196.6	186.2	175.3	165.1	155.4
67.5°	290.2	281.8	273.1	263.7	254.4	244.8	234.1	222.3	210.0	197.1	184.1
65°	341.1	330.6	320.7	310.3	298.8	286.2	272.4	258.9	245.3	230.6	215.3
62.5°	389.3	379.3	370.1	358.5	345.7	331.4	315.7	299.6	282.5	264.7	247.7
60°	423.3	419.9	411.0	401.0	390.1	377.5	360.1	341.6	322.3	302.2	281.2
57.5°	429.9	431.1	429.2	427.0	424.5	413.7	398.7	382.9	363.0	340.1	316.1
55°	414.6	419.5	425.1	431.1	434.8	430.0	425.7	415.9	397.7	378.5	352.7
52.5°	405.6	409.9	414.1	418.3	423.8	428.8	432.9	428.3	424.3	407.9	386.4
50°	416.1	414.4	412.2	411.7	414.8	417.5	422.4	428.0	430.5	425.8	413.7
47.5°	441.6	433.9	425.1	420.3	415.1	411.1	414.2	418.5	426.2	432.5	426.7
45°	488.8	470.7	451.5	440.3	427.7	419.7	412.0	413.2	418.5	426.0	433.7
42.5°	580.3	536.6	502.5	476.0	451.4	436.9	423.7	415.8	413.9	419.6	426.3
40°	724.3	651.8	596.7	534.6	495.0	462.4	442.9	426.3	418.0	415.5	419.3
37.5°	923.5	823.6	733.3	639.1	568.0	507.0	470.5	445.4	427.1	417.5	414.6
35°	1198.4	1052.4	913.8	790.8	672.0	585.4	511.6	471.4	444.1	424.5	413.6
32.5°	1610.9	1385.4	1146.3	982.8	822.0	686.3	586.3	508.7	462.9	437.1	419.9
30°	2211.0	1840.2	1511.3	1215.4	1005.5	823.0	673.9	567.7	493.5	450.7	427.3
27.5°	3073.9	2416.4	1975.6	1555.8	1215.5	986.1	794.6	635.9	530.0	472.8	438.9
25°	4610.3	3324.7	2530.9	1978.5	1521.2	1158.3	924.4	733.6	588.5	496.0	449.3
22.5°	6870.0	4873.9	3337.0	2443.1	1873.9	1415.9	1074.2	835.6	643.7	530.3	467.7
20°	10131.5	6927.1	4676.3	3154.0	2284.2	1668.6	1239.9	950.4	730.1	576.5	485.9
17.5°	13104.3	9800.9	6332.4	3995.9	2795.7	2014.7	1454.7	1060.7	804.4	617.5	502.0
15°	15675.4	12289.3	8582.3	5393.3	3345.4	2333.1	1655.2	1159.7	874.4	666.7	532.5
12.5°	17500.9	14342.3	10651.2	6600.5	3988.0	2691.0	1891.8	1318.6	950.2	715.3	560.3
10°	19023.1	15955.8	12350.1	8209.1	4908.7	3075.9	2102.6	1451.8	1014.6	752.6	582.2
7.5°	19943.7	17149.3	13654.4	9566.4	5663.8	3399.0	2276.6	1551.5	1066.3	779.3	598.3
5°	20646.7	18001.1	14602.7	10591.1	6284.9	3642.6	2414.8	1618.2	1103.9	795.5	608.7
2.5°	21167.9	18489.7	15200.9	11210.2	6673.2	3802.3	2507.2	1665.7	1122.5	809.9	617.6
0°	21245.6	18648.7	15237.1	11322.4	6574.7	3876.0	2543.9	1694.6	1122.3	816.7	621.2
-2.5°	21167.9	18489.7	15200.9	11210.2	6673.2	3802.3	2507.2	1665.7	1122.5	809.9	617.6
-5°	20646.7	18001.1	14602.7	10591.1	6284.9	3642.6	2414.8	1618.2	1103.9	795.5	608.7
-7.5°	19943.7	17149.3	13654.4	9566.4	5663.8	3399.0	2276.6	1551.5	1066.3	779.3	598.3
-10°	19023.1	15955.8	12350.1	8209.1	4908.7	3075.9	2102.6	1451.8	1014.6	752.6	582.2
-12.5°	17500.9	14342.3	10651.2	6600.5	3988.0	2691.0	1891.8	1318.6	950.2	715.3	560.3
-15°	15675.4	12289.3	8582.3	5393.3	3345.4	2333.1	1655.2	1159.7	874.4	666.7	532.5
-17.5°	13104.3	9800.9	6332.4	3995.9	2795.7	2014.7	1454.7	1060.7	804.4	617.5	502.0
-20°	10131.5	6927.1	4676.3	3154.0	2284.2	1668.6	1239.9	950.4	730.1	576.5	485.9



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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°	6870.0	4873.9	3337.0	2443.1	1873.9	1415.9	1074.2	835.6	643.7	530.3	467.7
-25°	4610.3	3324.7	2530.9	1978.5	1521.2	1158.3	924.4	733.6	588.5	496.0	449.3
-27.5°	3073.9	2416.4	1975.6	1555.8	1215.5	986.1	794.6	635.9	530.0	472.8	438.9
-30°	2211.0	1840.2	1511.3	1215.4	1005.5	823.0	673.9	567.7	493.5	450.7	427.3
-32.5°	1610.9	1385.4	1146.3	982.8	822.0	686.3	586.3	508.7	462.9	437.1	419.9
-35°	1198.4	1052.4	913.8	790.8	672.0	585.4	511.6	471.4	444.1	424.5	413.6
-37.5°	923.5	823.6	733.3	639.1	568.0	507.0	470.5	445.4	427.1	417.5	414.6
-40°	724.3	651.8	596.7	534.6	495.0	462.4	442.9	426.3	418.0	415.5	419.3
-42.5°	580.3	536.6	502.5	476.0	451.4	436.9	423.7	415.8	413.9	419.6	426.3
-45°	488.8	470.7	451.5	440.3	427.7	419.7	412.0	413.2	418.5	426.0	433.7
-47.5°	441.6	433.9	425.1	420.3	415.1	411.1	414.2	418.5	426.2	432.5	426.7
-50°	416.1	414.4	412.2	411.7	414.8	417.5	422.4	428.0	430.5	425.8	413.7
-52.5°	405.6	409.9	414.1	418.3	423.8	428.8	432.9	428.3	424.3	407.9	386.4
-55°	414.6	419.5	425.1	431.1	434.8	430.0	425.7	415.9	397.7	378.5	352.7
-57.5°	429.9	431.1	429.2	427.0	424.5	413.7	398.7	382.9	363.0	340.1	316.1
-60°	423.3	419.9	411.0	401.0	390.1	377.5	360.1	341.6	322.3	302.2	281.2
-62.5°	389.3	379.3	370.1	358.5	345.7	331.4	315.7	299.6	282.5	264.7	247.7
-65°	341.1	330.6	320.7	310.3	298.8	286.2	272.4	258.9	245.3	230.6	215.3
-67.5°	290.2	281.8	273.1	263.7	254.4	244.8	234.1	222.3	210.0	197.1	184.1
-70°	241.7	234.8	227.7	220.7	213.6	205.9	196.6	186.2	175.3	165.1	155.4
-72.5°	197.3	191.7	186.0	180.4	174.1	167.6	160.4	152.6	144.8	137.0	128.7
-75°	155.8	151.3	146.7	142.2	137.3	131.9	126.6	121.0	115.1	108.9	101.9
-77.5°	116.2	113.2	110.0	106.8	103.2	99.3	95.1	90.8	86.7	82.1	77.1
-80°	81.5	79.9	78.1	76.0	73.6	71.0	68.0	64.7	61.0	57.5	54.0
-82.5°	54.3	53.0	51.6	49.9	48.0	45.9	43.6	41.4	39.0	36.6	34.0
-85°	29.9	29.2	28.4	27.2	26.1	25.0	23.9	23.0	22.0	20.9	19.8
-87.5°	9.6	9.4	9.2	9.5	9.7	9.9	10.0	9.7	9.3	9.0	8.6
-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: P558956 (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°	8.2	7.8	7.4	7.0	6.6	6.1	5.6	5.2	4.7	4.2	3.7
85°	18.8	17.7	16.5	15.2	13.7	12.2	11.3	10.3	9.3	8.3	7.3
82.5°	31.8	30.2	28.6	26.8	24.6	22.3	20.0	17.6	15.2	12.7	11.0
80°	50.6	47.1	43.7	40.2	36.3	32.4	29.3	26.2	23.2	20.0	16.5
77.5°	71.4	65.8	60.0	55.1	49.9	44.9	39.9	35.1	31.1	27.2	23.0
75°	94.1	86.8	79.7	72.4	64.7	57.2	51.1	45.2	39.7	34.5	29.5
72.5°	119.6	110.2	100.4	90.3	81.2	72.2	63.2	55.1	48.5	42.2	36.0
70°	145.1	134.3	123.1	111.4	99.1	87.1	76.8	66.9	57.3	49.7	42.5
67.5°	170.8	158.9	146.3	132.5	118.7	104.8	90.6	79.1	68.3	57.3	48.9
65°	200.2	184.9	169.6	154.6	138.8	122.7	107.1	92.1	79.1	66.9	55.2
62.5°	230.0	212.0	194.6	176.8	159.4	141.5	123.4	107.0	90.4	76.4	62.9
60°	260.5	240.5	219.6	199.7	180.0	160.5	140.7	121.6	103.6	85.7	71.0
57.5°	292.8	269.2	246.2	222.9	200.6	179.3	157.8	136.6	116.5	96.7	79.0
55°	325.5	299.1	272.8	247.2	221.6	197.7	174.5	151.4	129.2	107.9	86.9
52.5°	360.2	329.4	299.9	271.4	243.7	216.1	191.2	165.7	141.8	118.8	96.2
50°	390.0	360.6	327.2	295.7	265.3	236.2	207.7	180.6	154.0	129.4	105.3
47.5°	414.6	386.9	354.9	319.7	286.9	255.7	225.0	195.4	165.5	139.6	114.1
45°	425.2	409.6	379.3	344.1	308.1	275.0	242.3	209.8	178.5	149.4	122.4
42.5°	431.2	421.4	400.0	367.2	330.1	293.9	258.8	224.6	191.1	158.9	130.5
40°	425.4	427.0	416.2	386.7	351.7	312.1	275.3	239.0	203.3	168.5	138.5
37.5°	418.5	425.7	421.4	405.5	371.7	331.2	291.0	252.7	215.0	178.8	146.0
35°	414.2	419.5	427.0	416.3	388.0	349.5	306.0	265.9	226.5	188.5	153.3
32.5°	410.6	414.5	422.8	421.1	403.4	366.9	321.2	278.5	237.3	197.5	160.1
30°	413.8	411.6	418.0	425.4	414.7	380.3	335.9	290.2	247.4	205.9	166.7
27.5°	418.6	408.5	413.9	423.4	418.3	392.5	349.4	301.2	256.8	213.8	173.5
25°	424.2	410.5	411.1	419.5	421.5	403.5	361.7	311.3	265.7	221.5	179.8
22.5°	433.0	413.8	408.3	415.9	424.5	413.6	371.8	321.4	273.9	228.4	185.4
20°	440.8	416.4	405.6	412.5	424.0	416.1	380.1	330.5	281.2	234.6	190.5
17.5°	449.0	420.7	407.2	410.2	421.1	418.3	387.5	338.4	287.7	240.1	194.9
15°	462.2	426.5	409.2	408.3	418.4	420.2	394.2	345.3	293.4	244.9	198.8
12.5°	473.4	431.3	410.7	406.6	415.8	421.9	399.9	351.0	298.2	248.9	202.1
10°	482.6	435.1	411.7	405.3	413.4	423.3	404.7	356.1	302.5	252.0	204.9
7.5°	489.5	437.8	412.2	404.2	411.4	424.4	409.1	361.3	306.1	254.3	207.0
5°	494.7	440.9	413.7	403.7	410.3	425.1	412.3	365.5	308.8	255.9	208.6
2.5°	499.0	445.0	415.8	403.4	409.6	425.6	414.5	368.7	310.7	256.6	209.5
0°	501.0	448.1	417.5	403.3	409.4	425.7	415.5	370.7	311.6	256.6	209.8
-2.5°	499.0	445.0	415.8	403.4	409.6	425.6	414.5	368.7	310.7	256.6	209.5
-5°	494.7	440.9	413.7	403.7	410.3	425.1	412.3	365.5	308.8	255.9	208.6
-7.5°	489.5	437.8	412.2	404.2	411.4	424.4	409.1	361.3	306.1	254.3	207.0
-10°	482.6	435.1	411.7	405.3	413.4	423.3	404.7	356.1	302.5	252.0	204.9
-12.5°	473.4	431.3	410.7	406.6	415.8	421.9	399.9	351.0	298.2	248.9	202.1
-15°	462.2	426.5	409.2	408.3	418.4	420.2	394.2	345.3	293.4	244.9	198.8
-17.5°	449.0	420.7	407.2	410.2	421.1	418.3	387.5	338.4	287.7	240.1	194.9
-20°	440.8	416.4	405.6	412.5	424.0	416.1	380.1	330.5	281.2	234.6	190.5



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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°	433.0	413.8	408.3	415.9	424.5	413.6	371.8	321.4	273.9	228.4	185.4
-25°	424.2	410.5	411.1	419.5	421.5	403.5	361.7	311.3	265.7	221.5	179.8
-27.5°	418.6	408.5	413.9	423.4	418.3	392.5	349.4	301.2	256.8	213.8	173.5
-30°	413.8	411.6	418.0	425.4	414.7	380.3	335.9	290.2	247.4	205.9	166.7
-32.5°	410.6	414.5	422.8	421.1	403.4	366.9	321.2	278.5	237.3	197.5	160.1
-35°	414.2	419.5	427.0	416.3	388.0	349.5	306.0	265.9	226.5	188.5	153.3
-37.5°	418.5	425.7	421.4	405.5	371.7	331.2	291.0	252.7	215.0	178.8	146.0
-40°	425.4	427.0	416.2	386.7	351.7	312.1	275.3	239.0	203.3	168.5	138.5
-42.5°	431.2	421.4	400.0	367.2	330.1	293.9	258.8	224.6	191.1	158.9	130.5
-45°	425.2	409.6	379.3	344.1	308.1	275.0	242.3	209.8	178.5	149.4	122.4
-47.5°	414.6	386.9	354.9	319.7	286.9	255.7	225.0	195.4	165.5	139.6	114.1
-50°	390.0	360.6	327.2	295.7	265.3	236.2	207.7	180.6	154.0	129.4	105.3
-52.5°	360.2	329.4	299.9	271.4	243.7	216.1	191.2	165.7	141.8	118.8	96.2
-55°	325.5	299.1	272.8	247.2	221.6	197.7	174.5	151.4	129.2	107.9	86.9
-57.5°	292.8	269.2	246.2	222.9	200.6	179.3	157.8	136.6	116.5	96.7	79.0
-60°	260.5	240.5	219.6	199.7	180.0	160.5	140.7	121.6	103.6	85.7	71.0
-62.5°	230.0	212.0	194.6	176.8	159.4	141.5	123.4	107.0	90.4	76.4	62.9
-65°	200.2	184.9	169.6	154.6	138.8	122.7	107.1	92.1	79.1	66.9	55.2
-67.5°	170.8	158.9	146.3	132.5	118.7	104.8	90.6	79.1	68.3	57.3	48.9
-70°	145.1	134.3	123.1	111.4	99.1	87.1	76.8	66.9	57.3	49.7	42.5
-72.5°	119.6	110.2	100.4	90.3	81.2	72.2	63.2	55.1	48.5	42.2	36.0
-75°	94.1	86.8	79.7	72.4	64.7	57.2	51.1	45.2	39.7	34.5	29.5
-77.5°	71.4	65.8	60.0	55.1	49.9	44.9	39.9	35.1	31.1	27.2	23.0
-80°	50.6	47.1	43.7	40.2	36.3	32.4	29.3	26.2	23.2	20.0	16.5
-82.5°	31.8	30.2	28.6	26.8	24.6	22.3	20.0	17.6	15.2	12.7	11.0
-85°	18.8	17.7	16.5	15.2	13.7	12.2	11.3	10.3	9.3	8.3	7.3
-87.5°	8.2	7.8	7.4	7.0	6.6	6.1	5.6	5.2	4.7	4.2	3.7
-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):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.2	2.6	2.1	1.6	1.1	0.5	0.0
85°	6.3	5.3	4.2	3.2	2.1	1.1	0.0
82.5°	9.4	7.9	6.3	4.8	3.2	1.6	0.0
80°	12.9	10.5	8.4	6.3	4.2	2.1	0.0
77.5°	18.6	13.8	10.5	7.9	5.3	2.6	0.0
75°	24.2	18.4	12.8	9.4	6.3	3.2	0.0
72.5°	29.7	22.9	16.4	11.0	7.3	3.7	0.0
70°	35.1	27.4	19.9	12.7	8.3	4.2	0.0
67.5°	40.6	31.8	23.3	15.2	9.3	4.7	0.0
65°	46.1	36.2	26.7	17.7	10.3	5.2	0.0
62.5°	51.5	40.9	30.0	20.1	11.3	5.6	0.0
60°	56.8	45.5	33.2	22.5	12.2	6.1	0.0
57.5°	63.5	50.0	36.8	24.8	13.7	6.6	0.0
55°	70.2	54.4	40.5	27.0	15.2	7.0	0.0
52.5°	76.8	58.9	44.0	29.1	16.7	7.4	0.0
50°	83.1	64.2	47.4	31.2	18.1	7.8	0.0
47.5°	89.4	69.3	50.8	33.3	19.5	8.2	0.0
45°	96.5	74.2	54.1	35.8	20.9	8.6	0.0
42.5°	103.3	78.9	57.2	38.1	22.2	9.0	0.0
40°	109.6	83.4	60.6	40.5	23.4	9.3	0.0
37.5°	115.6	87.7	64.0	42.6	24.6	9.7	0.0
35°	121.2	92.2	67.2	44.7	25.7	10.0	0.0
32.5°	126.6	96.6	70.3	46.6	26.8	10.3	0.0
30°	132.0	100.6	73.1	48.3	27.9	10.6	0.0
27.5°	137.1	104.4	75.6	49.9	28.8	10.8	0.0
25°	141.8	107.8	77.8	51.3	29.7	11.1	0.0
22.5°	146.1	110.8	79.8	52.5	30.5	11.3	0.0
20°	149.9	113.3	81.5	53.6	31.3	11.5	0.0
17.5°	153.4	115.6	83.1	54.6	32.0	11.6	0.0
15°	156.4	117.5	84.4	55.4	32.6	11.8	0.0
12.5°	159.0	119.1	85.5	56.0	33.1	11.9	0.0
10°	161.1	120.4	86.4	56.5	33.6	12.0	0.0
7.5°	162.8	121.4	87.1	56.8	34.0	12.1	0.0
5°	164.0	122.0	87.5	57.0	34.3	12.2	0.0
2.5°	164.8	122.3	87.7	57.1	34.5	12.2	0.0
0°	165.0	122.2	87.6	57.0	34.6	12.2	0.0
-2.5°	164.8	122.3	87.7	57.1	34.5	12.2	0.0
-5°	164.0	122.0	87.5	57.0	34.3	12.2	0.0
-7.5°	162.8	121.4	87.1	56.8	34.0	12.1	0.0
-10°	161.1	120.4	86.4	56.5	33.6	12.0	0.0
-12.5°	159.0	119.1	85.5	56.0	33.1	11.9	0.0
-15°	156.4	117.5	84.4	55.4	32.6	11.8	0.0
-17.5°	153.4	115.6	83.1	54.6	32.0	11.6	0.0
-20°	149.9	113.3	81.5	53.6	31.3	11.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	146.1	110.8	79.8	52.5	30.5	11.3	0.0
-25°	141.8	107.8	77.8	51.3	29.7	11.1	0.0
-27.5°	137.1	104.4	75.6	49.9	28.8	10.8	0.0
-30°	132.0	100.6	73.1	48.3	27.9	10.6	0.0
-32.5°	126.6	96.6	70.3	46.6	26.8	10.3	0.0
-35°	121.2	92.2	67.2	44.7	25.7	10.0	0.0
-37.5°	115.6	87.7	64.0	42.6	24.6	9.7	0.0
-40°	109.6	83.4	60.6	40.5	23.4	9.3	0.0
-42.5°	103.3	78.9	57.2	38.1	22.2	9.0	0.0
-45°	96.5	74.2	54.1	35.8	20.9	8.6	0.0
-47.5°	89.4	69.3	50.8	33.3	19.5	8.2	0.0
-50°	83.1	64.2	47.4	31.2	18.1	7.8	0.0
-52.5°	76.8	58.9	44.0	29.1	16.7	7.4	0.0
-55°	70.2	54.4	40.5	27.0	15.2	7.0	0.0
-57.5°	63.5	50.0	36.8	24.8	13.7	6.6	0.0
-60°	56.8	45.5	33.2	22.5	12.2	6.1	0.0
-62.5°	51.5	40.9	30.0	20.1	11.3	5.6	0.0
-65°	46.1	36.2	26.7	17.7	10.3	5.2	0.0
-67.5°	40.6	31.8	23.3	15.2	9.3	4.7	0.0
-70°	35.1	27.4	19.9	12.7	8.3	4.2	0.0
-72.5°	29.7	22.9	16.4	11.0	7.3	3.7	0.0
-75°	24.2	18.4	12.8	9.4	6.3	3.2	0.0
-77.5°	18.6	13.8	10.5	7.9	5.3	2.6	0.0
-80°	12.9	10.5	8.4	6.3	4.2	2.1	0.0
-82.5°	9.4	7.9	6.3	4.8	3.2	1.6	0.0
-85°	6.3	5.3	4.2	3.2	2.1	1.1	0.0
-87.5°	3.2	2.6	2.1	1.6	1.1	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)