

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: P559156 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-940-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559156 (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-SA6B-940-U-MR-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (96) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

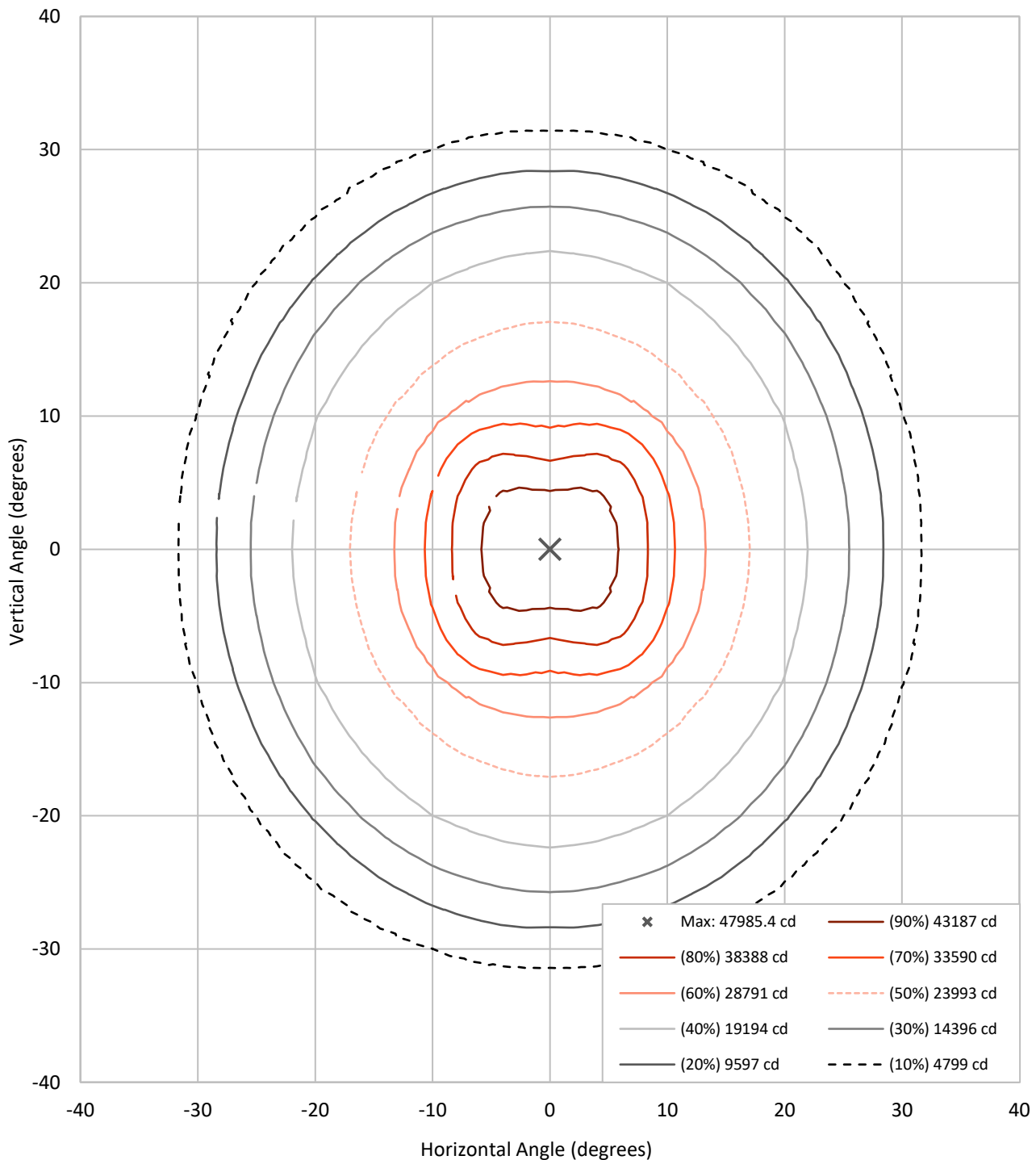
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	21227.4 lumens	Max Intensity:	47985.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	114.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	9041.5 lumens	Field Lumens:	18479.1 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 185
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





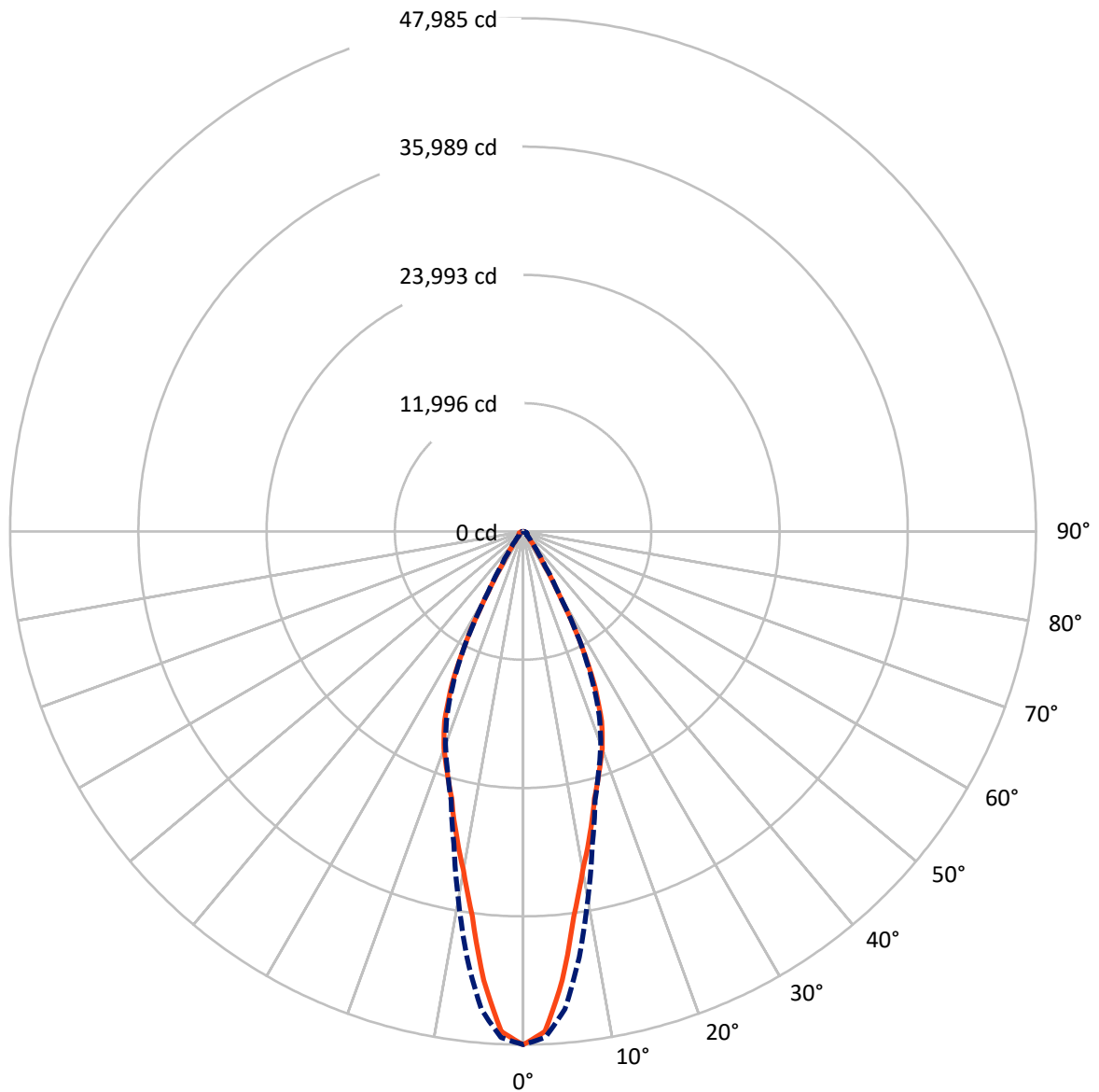
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Lumen Table

90																
80	0.3	2.3		6.6		10.8		12.7		10.8		6.6		2.3		0.3
70																
60	1.1	1.2	2.7	4.7	6.9	8.8	10.3	11.2	11.2	10.3	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	9.0	10.6	13.1	16.8	19.3	19.3	16.8	13.1	10.6	9.0	6.0	2.8	2.0
30		3.5	7.0	9.1	13.7	27.1	51.4	78.6	78.6	51.4	27.1	13.7	9.1	7.0	3.5	
20	2.8	4.1	7.2	10.2	24.9	82.6	259.8	427.6	427.6	259.8	82.6	24.9	10.2	7.2	4.1	2.8
10		4.4	7.2	12.5	46.4	244.8	578.6	766.3	766.3	578.6	244.8	46.4	12.5	7.2	4.4	
0	3.0	4.6	7.2	14.5	70.5	385.7	752.4	1187.3	1187.3	752.4	385.7	70.5	14.5	7.2	4.6	3.0
-10		4.6	7.2	14.5	70.5	385.7	752.4	1187.3	1187.3	752.4	385.7	70.5	14.5	7.2	4.6	
-20	2.8	4.4	7.2	12.5	46.4	244.8	578.6	766.3	766.3	578.6	244.8	46.4	12.5	7.2	4.4	2.8
-30		4.1	7.2	10.2	24.9	82.6	259.8	427.6	427.6	259.8	82.6	24.9	10.2	7.2	4.1	
-40	2.0	3.5	7.0	9.1	13.7	27.1	51.4	78.6	78.6	51.4	27.1	13.7	9.1	7.0	3.5	2.0
-50		2.8	6.0	9.0	10.6	13.1	16.8	19.3	19.3	16.8	13.1	10.6	9.0	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	10.3	11.2	11.2	10.3	8.8	6.9	4.7	2.7	1.2	
-80																
-90	0.3	2.3		6.6		10.8		12.7		10.8		6.6		2.3		0.3

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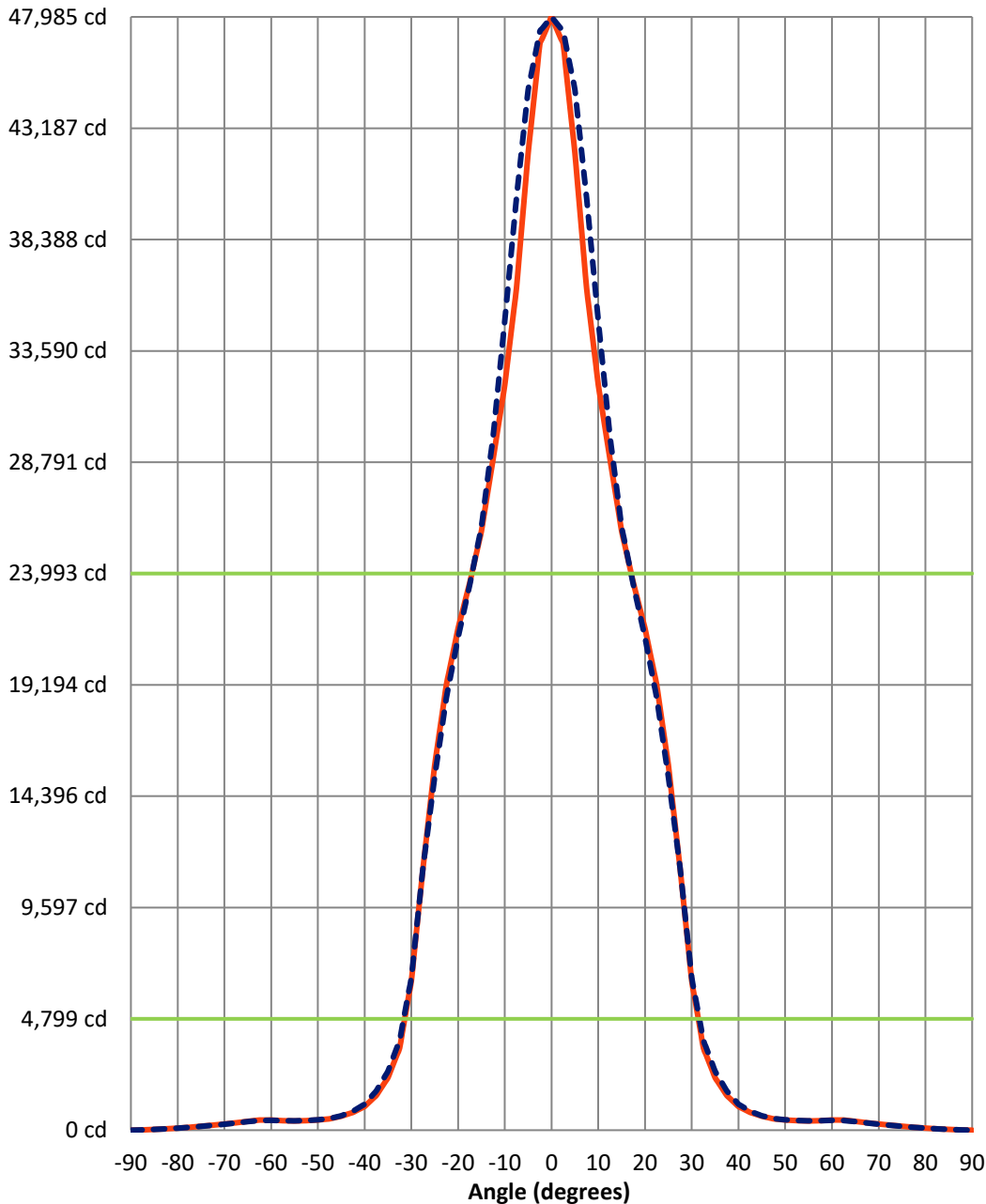
Luminous Intensity Polar Plot



— 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: 9041.5
Efficiency: 42.6%

Field:
H Angle: 63.3°
V Angle: 62.8°
Lumens: 18479.1
Efficiency: 87.1%

Spill:
Lumens: 2748.4
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	68.2	79.0
65°	0.0	5.2	10.3	17.7	26.7	36.2	46.1	55.2	66.9	79.0	92.0
62.5°	0.0	5.6	11.3	20.1	30.0	40.9	51.5	62.9	76.4	90.3	106.9
60°	0.0	6.1	12.2	22.5	33.2	45.4	56.8	71.0	85.6	103.5	121.5
57.5°	0.0	6.6	13.7	24.8	36.8	49.9	63.5	79.0	96.6	116.4	136.5
55°	0.0	7.0	15.2	27.0	40.4	54.4	70.2	86.8	107.8	129.1	151.3
52.5°	0.0	7.4	16.7	29.1	44.0	58.9	76.7	96.1	118.7	141.7	165.5
50°	0.0	7.8	18.1	31.2	47.4	64.1	83.0	105.3	129.3	153.9	180.5
47.5°	0.0	8.2	19.5	33.3	50.8	69.2	89.3	114.0	139.5	165.4	195.2
45°	0.0	8.6	20.9	35.8	54.0	74.2	96.5	122.3	149.3	178.4	209.7
42.5°	0.0	9.0	22.2	38.1	57.2	78.9	103.2	130.5	158.8	191.0	224.5
40°	0.0	9.3	23.4	40.4	60.5	83.4	109.6	138.4	168.4	203.2	238.8
37.5°	0.0	9.7	24.6	42.6	63.9	87.7	115.6	146.0	178.7	214.9	252.5
35°	0.0	10.0	25.7	44.6	67.1	92.1	121.2	153.2	188.3	226.4	265.7
32.5°	0.0	10.3	26.8	46.5	70.2	96.5	126.6	160.0	197.4	237.1	278.3
30°	0.0	10.6	27.9	48.2	73.1	100.6	132.0	166.6	205.8	247.2	290.0
27.5°	0.0	10.8	28.8	49.8	75.5	104.4	137.1	173.4	213.7	256.6	301.0
25°	0.0	11.1	29.7	51.2	77.7	107.8	141.7	179.6	221.3	265.5	311.1
22.5°	0.0	11.3	30.5	52.5	79.7	110.8	146.0	185.3	228.2	273.7	321.2
20°	0.0	11.5	31.3	53.6	81.5	113.3	149.9	190.3	234.4	281.0	330.3
17.5°	0.0	11.6	32.0	54.5	83.1	115.6	153.3	194.7	239.9	287.5	338.2
15°	0.0	11.8	32.6	55.3	84.4	117.5	156.3	198.6	244.7	293.2	345.0
12.5°	0.0	11.9	33.1	56.0	85.5	119.1	158.9	202.0	248.7	298.0	350.7
10°	0.0	12.0	33.6	56.4	86.4	120.4	161.0	204.7	251.8	302.3	355.8
7.5°	0.0	12.1	34.0	56.8	87.0	121.3	162.7	206.8	254.2	305.9	361.0
5°	0.0	12.2	34.3	57.0	87.4	121.9	163.9	208.4	255.7	308.7	365.2
2.5°	0.0	12.2	34.5	57.1	87.6	122.2	164.7	209.3	256.5	310.5	368.4
0°	0.0	12.2	34.6	57.0	87.5	122.1	164.9	209.6	256.5	311.4	370.4
-2.5°	0.0	12.2	34.5	57.1	87.6	122.2	164.7	209.3	256.5	310.5	368.4
-5°	0.0	12.2	34.3	57.0	87.4	121.9	163.9	208.4	255.7	308.7	365.2
-7.5°	0.0	12.1	34.0	56.8	87.0	121.3	162.7	206.8	254.2	305.9	361.0
-10°	0.0	12.0	33.6	56.4	86.4	120.4	161.0	204.7	251.8	302.3	355.8
-12.5°	0.0	11.9	33.1	56.0	85.5	119.1	158.9	202.0	248.7	298.0	350.7
-15°	0.0	11.8	32.6	55.3	84.4	117.5	156.3	198.6	244.7	293.2	345.0
-17.5°	0.0	11.6	32.0	54.5	83.1	115.6	153.3	194.7	239.9	287.5	338.2
-20°	0.0	11.5	31.3	53.6	81.5	113.3	149.9	190.3	234.4	281.0	330.3



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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	79.7	110.8	146.0	185.3	228.2	273.7	321.2
-25°	0.0	11.1	29.7	51.2	77.7	107.8	141.7	179.6	221.3	265.5	311.1
-27.5°	0.0	10.8	28.8	49.8	75.5	104.4	137.1	173.4	213.7	256.6	301.0
-30°	0.0	10.6	27.9	48.2	73.1	100.6	132.0	166.6	205.8	247.2	290.0
-32.5°	0.0	10.3	26.8	46.5	70.2	96.5	126.6	160.0	197.4	237.1	278.3
-35°	0.0	10.0	25.7	44.6	67.1	92.1	121.2	153.2	188.3	226.4	265.7
-37.5°	0.0	9.7	24.6	42.6	63.9	87.7	115.6	146.0	178.7	214.9	252.5
-40°	0.0	9.3	23.4	40.4	60.5	83.4	109.6	138.4	168.4	203.2	238.8
-42.5°	0.0	9.0	22.2	38.1	57.2	78.9	103.2	130.5	158.8	191.0	224.5
-45°	0.0	8.6	20.9	35.8	54.0	74.2	96.5	122.3	149.3	178.4	209.7
-47.5°	0.0	8.2	19.5	33.3	50.8	69.2	89.3	114.0	139.5	165.4	195.2
-50°	0.0	7.8	18.1	31.2	47.4	64.1	83.0	105.3	129.3	153.9	180.5
-52.5°	0.0	7.4	16.7	29.1	44.0	58.9	76.7	96.1	118.7	141.7	165.5
-55°	0.0	7.0	15.2	27.0	40.4	54.4	70.2	86.8	107.8	129.1	151.3
-57.5°	0.0	6.6	13.7	24.8	36.8	49.9	63.5	79.0	96.6	116.4	136.5
-60°	0.0	6.1	12.2	22.5	33.2	45.4	56.8	71.0	85.6	103.5	121.5
-62.5°	0.0	5.6	11.3	20.1	30.0	40.9	51.5	62.9	76.4	90.3	106.9
-65°	0.0	5.2	10.3	17.7	26.7	36.2	46.1	55.2	66.9	79.0	92.0
-67.5°	0.0	4.7	9.3	15.2	23.3	31.8	40.6	48.9	57.3	68.2	79.0
-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	21.9	22.9
82.5°	20.0	22.3	24.6	26.8	28.6	30.1	31.7	33.9	36.5	38.9	41.3
80°	29.3	32.4	36.3	40.1	43.6	47.1	50.5	53.9	57.4	60.9	64.6
77.5°	39.9	44.9	49.9	55.0	59.9	65.7	71.3	77.0	82.0	86.6	90.7
75°	51.0	57.2	64.6	72.3	79.6	86.7	94.0	101.8	108.8	115.0	120.9
72.5°	63.2	72.1	81.1	90.2	100.3	110.1	119.5	128.6	136.9	144.7	152.5
70°	76.7	87.0	99.0	111.3	123.0	134.2	145.0	155.3	165.0	175.2	186.1
67.5°	90.5	104.7	118.6	132.4	146.2	158.8	170.7	184.0	197.0	209.9	222.2
65°	107.0	122.6	138.7	154.4	169.5	184.8	200.1	215.2	230.5	245.1	258.8
62.5°	123.3	141.4	159.2	176.7	194.5	211.9	229.8	247.5	264.5	282.3	299.4
60°	140.6	160.4	179.9	199.6	219.5	240.3	260.3	281.0	302.0	322.1	341.4
57.5°	157.7	179.1	200.5	222.8	246.0	269.0	292.6	315.9	339.9	362.8	382.7
55°	174.4	197.5	221.5	247.0	272.6	298.9	325.3	352.5	378.3	397.5	415.7
52.5°	191.1	216.0	243.5	271.2	299.7	329.2	360.0	386.2	407.6	424.1	428.1
50°	207.6	236.0	265.1	295.5	327.0	360.4	389.8	413.5	425.5	430.2	427.8
47.5°	224.9	255.5	286.7	319.5	354.7	386.7	414.4	426.4	432.2	426.0	418.3
45°	242.1	274.8	307.9	343.9	379.1	409.3	424.9	433.4	425.7	418.3	412.9
42.5°	258.6	293.7	329.9	367.0	399.7	421.1	430.9	426.0	419.4	413.6	415.5
40°	275.1	311.9	351.5	386.4	415.9	426.7	425.1	419.0	415.2	417.7	426.0
37.5°	290.8	330.9	371.4	405.2	421.1	425.4	418.2	414.3	417.2	426.8	445.1
35°	305.8	349.2	387.8	416.0	426.7	419.2	413.9	413.3	424.2	443.8	471.1
32.5°	320.9	366.6	403.1	420.8	422.5	414.2	410.3	419.6	436.8	462.6	508.4
30°	335.7	380.0	414.4	425.1	417.7	411.3	413.5	427.0	450.4	493.2	567.3
27.5°	349.2	392.2	418.0	423.1	413.6	408.2	418.3	438.6	472.5	529.7	635.5
25°	361.4	403.2	421.2	419.2	410.8	410.2	424.0	449.0	495.7	588.2	733.1
22.5°	371.5	413.3	424.2	415.6	408.1	413.5	432.7	467.4	530.0	643.3	835.0
20°	379.8	415.8	423.7	412.2	405.4	416.2	440.5	485.6	576.1	729.7	949.8
17.5°	387.2	418.0	420.8	409.9	407.0	420.5	448.7	501.7	617.1	803.8	1060.0
15°	393.9	419.9	418.1	408.0	409.0	426.2	461.9	532.2	666.3	873.8	1158.9
12.5°	399.6	421.6	415.5	406.3	410.4	431.0	473.1	560.0	714.8	949.6	1317.7
10°	404.4	423.0	413.1	405.0	411.4	434.8	482.3	581.9	752.1	1013.9	1450.9
7.5°	408.8	424.1	411.1	403.9	411.9	437.5	489.2	597.9	778.7	1065.5	1550.5
5°	412.0	424.8	410.0	403.4	413.4	440.6	494.4	608.4	794.9	1103.2	1617.2
2.5°	414.2	425.3	409.3	403.1	415.5	444.7	498.7	617.2	809.3	1121.8	1664.6
0°	415.2	425.4	409.1	403.0	417.3	447.8	500.7	620.8	816.2	1121.5	1693.5
-2.5°	414.2	425.3	409.3	403.1	415.5	444.7	498.7	617.2	809.3	1121.8	1664.6
-5°	412.0	424.8	410.0	403.4	413.4	440.6	494.4	608.4	794.9	1103.2	1617.2
-7.5°	408.8	424.1	411.1	403.9	411.9	437.5	489.2	597.9	778.7	1065.5	1550.5
-10°	404.4	423.0	413.1	405.0	411.4	434.8	482.3	581.9	752.1	1013.9	1450.9
-12.5°	399.6	421.6	415.5	406.3	410.4	431.0	473.1	560.0	714.8	949.6	1317.7
-15°	393.9	419.9	418.1	408.0	409.0	426.2	461.9	532.2	666.3	873.8	1158.9
-17.5°	387.2	418.0	420.8	409.9	407.0	420.5	448.7	501.7	617.1	803.8	1060.0
-20°	379.8	415.8	423.7	412.2	405.4	416.2	440.5	485.6	576.1	729.7	949.8



REPORT NUMBER: P559156 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-940-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°	371.5	413.3	424.2	415.6	408.1	413.5	432.7	467.4	530.0	643.3	835.0
-25°	361.4	403.2	421.2	419.2	410.8	410.2	424.0	449.0	495.7	588.2	733.1
-27.5°	349.2	392.2	418.0	423.1	413.6	408.2	418.3	438.6	472.5	529.7	635.5
-30°	335.7	380.0	414.4	425.1	417.7	411.3	413.5	427.0	450.4	493.2	567.3
-32.5°	320.9	366.6	403.1	420.8	422.5	414.2	410.3	419.6	436.8	462.6	508.4
-35°	305.8	349.2	387.8	416.0	426.7	419.2	413.9	413.3	424.2	443.8	471.1
-37.5°	290.8	330.9	371.4	405.2	421.1	425.4	418.2	414.3	417.2	426.8	445.1
-40°	275.1	311.9	351.5	386.4	415.9	426.7	425.1	419.0	415.2	417.7	426.0
-42.5°	258.6	293.7	329.9	367.0	399.7	421.1	430.9	426.0	419.4	413.6	415.5
-45°	242.1	274.8	307.9	343.9	379.1	409.3	424.9	433.4	425.7	418.3	412.9
-47.5°	224.9	255.5	286.7	319.5	354.7	386.7	414.4	426.4	432.2	426.0	418.3
-50°	207.6	236.0	265.1	295.5	327.0	360.4	389.8	413.5	425.5	430.2	427.8
-52.5°	191.1	216.0	243.5	271.2	299.7	329.2	360.0	386.2	407.6	424.1	428.1
-55°	174.4	197.5	221.5	247.0	272.6	298.9	325.3	352.5	378.3	397.5	415.7
-57.5°	157.7	179.1	200.5	222.8	246.0	269.0	292.6	315.9	339.9	362.8	382.7
-60°	140.6	160.4	179.9	199.6	219.5	240.3	260.3	281.0	302.0	322.1	341.4
-62.5°	123.3	141.4	159.2	176.7	194.5	211.9	229.8	247.5	264.5	282.3	299.4
-65°	107.0	122.6	138.7	154.4	169.5	184.8	200.1	215.2	230.5	245.1	258.8
-67.5°	90.5	104.7	118.6	132.4	146.2	158.8	170.7	184.0	197.0	209.9	222.2
-70°	76.7	87.0	99.0	111.3	123.0	134.2	145.0	155.3	165.0	175.2	186.1
-72.5°	63.2	72.1	81.1	90.2	100.3	110.1	119.5	128.6	136.9	144.7	152.5
-75°	51.0	57.2	64.6	72.3	79.6	86.7	94.0	101.8	108.8	115.0	120.9
-77.5°	39.9	44.9	49.9	55.0	59.9	65.7	71.3	77.0	82.0	86.6	90.7
-80°	29.3	32.4	36.3	40.1	43.6	47.1	50.5	53.9	57.4	60.9	64.6
-82.5°	20.0	22.3	24.6	26.8	28.6	30.1	31.7	33.9	36.5	38.9	41.3
-85°	11.3	12.2	13.7	15.2	16.5	17.7	18.8	19.8	20.9	21.9	22.9
-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: P559156 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-940-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°	43.5	45.8	47.9	49.8	51.5	52.9	54.2	55.3	56.3	57.1	57.8
80°	67.9	70.9	73.6	76.0	78.1	79.9	81.4	82.6	83.6	85.6	87.6
77.5°	95.0	99.2	103.1	106.7	110.0	113.1	116.1	118.8	121.2	123.0	124.3
75°	126.5	131.8	137.2	142.1	146.6	151.2	155.7	159.8	163.6	166.1	167.9
72.5°	160.3	167.5	174.0	180.3	185.9	191.6	197.2	202.2	206.6	210.1	212.8
70°	196.4	205.8	213.4	220.6	227.6	234.7	241.5	247.5	252.7	257.0	260.4
67.5°	233.9	244.6	254.2	263.5	272.9	281.6	290.0	297.8	304.9	310.3	314.0
65°	272.2	286.0	298.6	310.1	320.5	330.4	340.8	350.4	359.1	366.3	371.8
62.5°	315.5	331.2	345.5	358.3	369.8	379.0	389.0	398.0	406.2	413.7	421.2
60°	359.9	377.3	389.9	400.8	410.7	419.6	423.0	426.3	429.0	431.5	434.5
57.5°	398.5	413.5	424.3	426.7	428.9	430.8	429.6	426.1	422.5	418.9	416.0
55°	425.5	429.7	434.5	430.8	424.8	419.2	414.3	410.9	407.8	404.9	402.4
52.5°	432.6	428.5	423.5	418.0	413.9	409.6	405.4	406.1	407.5	408.4	408.9
50°	422.1	417.3	414.6	411.5	412.0	414.2	415.9	419.9	424.9	428.4	431.5
47.5°	414.0	410.8	414.9	420.1	424.9	433.6	441.4	449.0	460.8	470.1	477.6
45°	411.7	419.4	427.4	440.1	451.2	470.4	488.5	503.6	531.7	557.5	577.7
42.5°	423.4	436.6	451.1	475.7	502.2	536.3	579.9	616.9	660.2	700.6	729.8
40°	442.6	462.1	494.7	534.2	596.2	651.4	723.8	785.7	843.9	905.6	951.9
37.5°	470.2	506.6	567.6	638.7	732.8	823.1	923.0	1019.9	1102.4	1227.3	1325.1
35°	511.2	585.0	671.5	790.4	913.2	1051.7	1197.6	1385.6	1551.2	1745.5	1928.0
32.5°	585.9	685.9	821.5	982.2	1145.5	1384.4	1609.8	1915.4	2190.0	2532.5	2901.0
30°	673.4	822.5	1004.8	1214.6	1510.3	1839.0	2209.6	2678.2	3235.0	3898.0	4787.7
27.5°	794.0	985.4	1214.7	1554.8	1974.3	2414.8	3071.9	3859.6	5295.0	6546.0	8203.9
25°	923.8	1157.6	1520.2	1977.2	2529.2	3322.5	4607.3	6246.3	8567.8	10787.7	12562.3
22.5°	1073.5	1415.0	1872.7	2441.5	3334.8	4870.7	6865.5	9751.9	12340.7	14579.6	16303.9
20°	1239.1	1667.5	2282.7	3151.9	4673.2	6922.6	10124.8	13087.2	15731.3	17658.7	19182.2
17.5°	1453.7	2013.3	2793.9	3993.3	6328.3	9794.4	13095.7	16023.7	18324.3	20017.7	21368.3
15°	1654.1	2331.6	3343.2	5389.7	8576.7	12281.2	15665.1	18277.1	20267.9	21843.7	23058.1
12.5°	1890.6	2689.2	3985.4	6596.1	10644.2	14332.9	17489.4	19928.4	21845.6	23322.6	24950.1
10°	2101.2	3073.9	4905.5	8203.7	12342.0	15945.3	19010.7	21202.6	23125.0	25049.9	27490.2
7.5°	2275.1	3396.8	5660.1	9560.2	13645.5	17138.0	19930.6	22120.7	24239.5	26810.2	30330.1
5°	2413.2	3640.3	6280.8	10584.2	14593.1	17989.3	20633.2	22853.2	25246.3	28685.3	33408.9
2.5°	2505.6	3799.8	6668.8	11202.8	15191.0	18477.6	21154.0	23332.2	25841.4	29735.2	34670.1
0°	2542.3	3873.4	6570.4	11315.0	15227.1	18636.5	21231.6	23511.3	26010.8	29910.7	34901.6
-2.5°	2505.6	3799.8	6668.8	11202.8	15191.0	18477.6	21154.0	23332.2	25841.4	29735.2	34670.1
-5°	2413.2	3640.3	6280.8	10584.2	14593.1	17989.3	20633.2	22853.2	25246.3	28685.3	33408.9
-7.5°	2275.1	3396.8	5660.1	9560.2	13645.5	17138.0	19930.6	22120.7	24239.5	26810.2	30330.1
-10°	2101.2	3073.9	4905.5	8203.7	12342.0	15945.3	19010.7	21202.6	23125.0	25049.9	27490.2
-12.5°	1890.6	2689.2	3985.4	6596.1	10644.2	14332.9	17489.4	19928.4	21845.6	23322.6	24950.1
-15°	1654.1	2331.6	3343.2	5389.7	8576.7	12281.2	15665.1	18277.1	20267.9	21843.7	23058.1
-17.5°	1453.7	2013.3	2793.9	3993.3	6328.3	9794.4	13095.7	16023.7	18324.3	20017.7	21368.3
-20°	1239.1	1667.5	2282.7	3151.9	4673.2	6922.6	10124.8	13087.2	15731.3	17658.7	19182.2



REPORT NUMBER: P559156 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-940-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1073.5	1415.0	1872.7	2441.5	3334.8	4870.7	6865.5	9751.9	12340.7	14579.6	16303.9
-25°	923.8	1157.6	1520.2	1977.2	2529.2	3322.5	4607.3	6246.3	8567.8	10787.7	12562.3
-27.5°	794.0	985.4	1214.7	1554.8	1974.3	2414.8	3071.9	3859.6	5295.0	6546.0	8203.9
-30°	673.4	822.5	1004.8	1214.6	1510.3	1839.0	2209.6	2678.2	3235.0	3898.0	4787.7
-32.5°	585.9	685.9	821.5	982.2	1145.5	1384.4	1609.8	1915.4	2190.0	2532.5	2901.0
-35°	511.2	585.0	671.5	790.4	913.2	1051.7	1197.6	1385.6	1551.2	1745.5	1928.0
-37.5°	470.2	506.6	567.6	638.7	732.8	823.1	923.0	1019.9	1102.4	1227.3	1325.1
-40°	442.6	462.1	494.7	534.2	596.2	651.4	723.8	785.7	843.9	905.6	951.9
-42.5°	423.4	436.6	451.1	475.7	502.2	536.3	579.9	616.9	660.2	700.6	729.8
-45°	411.7	419.4	427.4	440.1	451.2	470.4	488.5	503.6	531.7	557.5	577.7
-47.5°	414.0	410.8	414.9	420.1	424.9	433.6	441.4	449.0	460.8	470.1	477.6
-50°	422.1	417.3	414.6	411.5	412.0	414.2	415.9	419.9	424.9	428.4	431.5
-52.5°	432.6	428.5	423.5	418.0	413.9	409.6	405.4	406.1	407.5	408.4	408.9
-55°	425.5	429.7	434.5	430.8	424.8	419.2	414.3	410.9	407.8	404.9	402.4
-57.5°	398.5	413.5	424.3	426.7	428.9	430.8	429.6	426.1	422.5	418.9	416.0
-60°	359.9	377.3	389.9	400.8	410.7	419.6	423.0	426.3	429.0	431.5	434.5
-62.5°	315.5	331.2	345.5	358.3	369.8	379.0	389.0	398.0	406.2	413.7	421.2
-65°	272.2	286.0	298.6	310.1	320.5	330.4	340.8	350.4	359.1	366.3	371.8
-67.5°	233.9	244.6	254.2	263.5	272.9	281.6	290.0	297.8	304.9	310.3	314.0
-70°	196.4	205.8	213.4	220.6	227.6	234.7	241.5	247.5	252.7	257.0	260.4
-72.5°	160.3	167.5	174.0	180.3	185.9	191.6	197.2	202.2	206.6	210.1	212.8
-75°	126.5	131.8	137.2	142.1	146.6	151.2	155.7	159.8	163.6	166.1	167.9
-77.5°	95.0	99.2	103.1	106.7	110.0	113.1	116.1	118.8	121.2	123.0	124.3
-80°	67.9	70.9	73.6	76.0	78.1	79.9	81.4	82.6	83.6	85.6	87.6
-82.5°	43.5	45.8	47.9	49.8	51.5	52.9	54.2	55.3	56.3	57.1	57.8
-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: P559156 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-940-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°	58.3	58.7	58.9	59.0	58.9	58.7	58.3	57.8	57.1	56.3	55.3
80°	89.4	91.1	90.5	89.6	90.5	91.1	89.4	87.6	85.6	83.6	82.6
77.5°	125.2	125.6	125.1	124.2	125.1	125.6	125.2	124.3	123.0	121.2	118.8
75°	169.2	170.0	170.7	171.0	170.7	170.0	169.2	167.9	166.1	163.6	159.8
72.5°	214.9	216.5	216.5	215.8	216.5	216.5	214.9	212.8	210.1	206.6	202.2
70°	263.1	265.1	266.2	266.6	266.2	265.1	263.1	260.4	257.0	252.7	247.5
67.5°	316.4	317.8	319.1	319.6	319.1	317.8	316.4	314.0	310.3	304.9	297.8
65°	376.4	380.0	381.1	380.6	381.1	380.0	376.4	371.8	366.3	359.1	350.4
62.5°	428.2	434.4	437.0	437.6	437.0	434.4	428.2	421.2	413.7	406.2	398.0
60°	437.0	439.1	439.7	439.7	439.7	439.1	437.0	434.5	431.5	429.0	426.3
57.5°	413.3	411.0	409.5	409.1	409.5	411.0	413.3	416.0	418.9	422.5	426.1
55°	400.2	398.1	397.1	396.9	397.1	398.1	400.2	402.4	404.9	407.8	410.9
52.5°	409.1	408.8	409.7	411.2	409.7	408.8	409.1	408.9	408.4	407.5	406.1
50°	434.1	435.9	437.8	439.7	437.8	435.9	434.1	431.5	428.4	424.9	419.9
47.5°	483.0	485.8	487.5	488.5	487.5	485.8	483.0	477.6	470.1	460.8	449.0
45°	590.9	598.0	601.4	602.5	601.4	598.0	590.9	577.7	557.5	531.7	503.6
42.5°	749.2	759.9	764.4	765.3	764.4	759.9	749.2	729.8	700.6	660.2	616.9
40°	985.2	1004.1	1013.3	1019.8	1013.3	1004.1	985.2	951.9	905.6	843.9	785.7
37.5°	1398.3	1445.8	1472.7	1496.0	1472.7	1445.8	1398.3	1325.1	1227.3	1102.4	1019.9
35°	2076.6	2185.4	2249.5	2263.4	2249.5	2185.4	2076.6	1928.0	1745.5	1551.2	1385.6
32.5°	3184.6	3398.1	3525.7	3541.7	3525.7	3398.1	3184.6	2901.0	2532.5	2190.0	1915.4
30°	5478.4	6076.4	6486.3	6429.9	6486.3	6076.4	5478.4	4787.7	3898.0	3235.0	2678.2
27.5°	9562.1	10646.7	11351.3	11292.6	11351.3	10646.7	9562.1	8203.9	6546.0	5295.0	3859.6
25°	13926.7	14925.0	15514.4	15731.9	15514.4	14925.0	13926.7	12562.3	10787.7	8567.8	6246.3
22.5°	17490.9	18383.4	18893.1	19198.2	18893.1	18383.4	17490.9	16303.9	14579.6	12340.7	9751.9
20°	20221.7	20995.7	21434.2	21622.4	21434.2	20995.7	20221.7	19182.2	17658.7	15731.3	13087.2
17.5°	22322.6	22970.5	23467.0	23594.8	23467.0	22970.5	22322.6	21368.3	20017.7	18324.3	16023.7
15°	24180.9	25017.9	25603.3	25821.6	25603.3	25017.9	24180.9	23058.1	21843.7	20267.9	18277.1
12.5°	26524.2	27979.6	28753.3	28931.7	28753.3	27979.6	26524.2	24950.1	23322.6	21845.6	19928.4
10°	29987.8	32224.9	32478.5	32131.4	32478.5	32224.9	29987.8	27490.2	25049.9	23125.0	21202.6
7.5°	35032.2	38015.1	37370.2	36296.0	37370.2	38015.1	35032.2	30330.1	26810.2	24239.5	22120.7
5°	38642.0	42783.5	42912.1	42123.4	42912.1	42783.5	38642.0	33408.9	28685.3	25246.3	22853.2
2.5°	40079.1	44342.4	46464.2	46812.0	46464.2	44342.4	40079.1	34670.1	29735.2	25841.4	23332.2
0°	40186.7	44844.7	47360.5	47985.4	47360.5	44844.7	40186.7	34901.6	29910.7	26010.8	23511.3
-2.5°	40079.1	44342.4	46464.2	46812.0	46464.2	44342.4	40079.1	34670.1	29735.2	25841.4	23332.2
-5°	38642.0	42783.5	42912.1	42123.4	42912.1	42783.5	38642.0	33408.9	28685.3	25246.3	22853.2
-7.5°	35032.2	38015.1	37370.2	36296.0	37370.2	38015.1	35032.2	30330.1	26810.2	24239.5	22120.7
-10°	29987.8	32224.9	32478.5	32131.4	32478.5	32224.9	29987.8	27490.2	25049.9	23125.0	21202.6
-12.5°	26524.2	27979.6	28753.3	28931.7	28753.3	27979.6	26524.2	24950.1	23322.6	21845.6	19928.4
-15°	24180.9	25017.9	25603.3	25821.6	25603.3	25017.9	24180.9	23058.1	21843.7	20267.9	18277.1
-17.5°	22322.6	22970.5	23467.0	23594.8	23467.0	22970.5	22322.6	21368.3	20017.7	18324.3	16023.7
-20°	20221.7	20995.7	21434.2	21622.4	21434.2	20995.7	20221.7	19182.2	17658.7	15731.3	13087.2



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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°	17490.9	18383.4	18893.1	19198.2	18893.1	18383.4	17490.9	16303.9	14579.6	12340.7	9751.9
-25°	13926.7	14925.0	15514.4	15731.9	15514.4	14925.0	13926.7	12562.3	10787.7	8567.8	6246.3
-27.5°	9562.1	10646.7	11351.3	11292.6	11351.3	10646.7	9562.1	8203.9	6546.0	5295.0	3859.6
-30°	5478.4	6076.4	6486.3	6429.9	6486.3	6076.4	5478.4	4787.7	3898.0	3235.0	2678.2
-32.5°	3184.6	3398.1	3525.7	3541.7	3525.7	3398.1	3184.6	2901.0	2532.5	2190.0	1915.4
-35°	2076.6	2185.4	2249.5	2263.4	2249.5	2185.4	2076.6	1928.0	1745.5	1551.2	1385.6
-37.5°	1398.3	1445.8	1472.7	1496.0	1472.7	1445.8	1398.3	1325.1	1227.3	1102.4	1019.9
-40°	985.2	1004.1	1013.3	1019.8	1013.3	1004.1	985.2	951.9	905.6	843.9	785.7
-42.5°	749.2	759.9	764.4	765.3	764.4	759.9	749.2	729.8	700.6	660.2	616.9
-45°	590.9	598.0	601.4	602.5	601.4	598.0	590.9	577.7	557.5	531.7	503.6
-47.5°	483.0	485.8	487.5	488.5	487.5	485.8	483.0	477.6	470.1	460.8	449.0
-50°	434.1	435.9	437.8	439.7	437.8	435.9	434.1	431.5	428.4	424.9	419.9
-52.5°	409.1	408.8	409.7	411.2	409.7	408.8	409.1	408.9	408.4	407.5	406.1
-55°	400.2	398.1	397.1	396.9	397.1	398.1	400.2	402.4	404.9	407.8	410.9
-57.5°	413.3	411.0	409.5	409.1	409.5	411.0	413.3	416.0	418.9	422.5	426.1
-60°	437.0	439.1	439.7	439.7	439.7	439.1	437.0	434.5	431.5	429.0	426.3
-62.5°	428.2	434.4	437.0	437.6	437.0	434.4	428.2	421.2	413.7	406.2	398.0
-65°	376.4	380.0	381.1	380.6	381.1	380.0	376.4	371.8	366.3	359.1	350.4
-67.5°	316.4	317.8	319.1	319.6	319.1	317.8	316.4	314.0	310.3	304.9	297.8
-70°	263.1	265.1	266.2	266.6	266.2	265.1	263.1	260.4	257.0	252.7	247.5
-72.5°	214.9	216.5	216.5	215.8	216.5	216.5	214.9	212.8	210.1	206.6	202.2
-75°	169.2	170.0	170.7	171.0	170.7	170.0	169.2	167.9	166.1	163.6	159.8
-77.5°	125.2	125.6	125.1	124.2	125.1	125.6	125.2	124.3	123.0	121.2	118.8
-80°	89.4	91.1	90.5	89.6	90.5	91.1	89.4	87.6	85.6	83.6	82.6
-82.5°	58.3	58.7	58.9	59.0	58.9	58.7	58.3	57.8	57.1	56.3	55.3
-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: P559156 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-940-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	22.9	21.9	20.9	19.8
82.5°	54.2	52.9	51.5	49.8	47.9	45.8	43.5	41.3	38.9	36.5	33.9
80°	81.4	79.9	78.1	76.0	73.6	70.9	67.9	64.6	60.9	57.4	53.9
77.5°	116.1	113.1	110.0	106.7	103.1	99.2	95.0	90.7	86.6	82.0	77.0
75°	155.7	151.2	146.6	142.1	137.2	131.8	126.5	120.9	115.0	108.8	101.8
72.5°	197.2	191.6	185.9	180.3	174.0	167.5	160.3	152.5	144.7	136.9	128.6
70°	241.5	234.7	227.6	220.6	213.4	205.8	196.4	186.1	175.2	165.0	155.3
67.5°	290.0	281.6	272.9	263.5	254.2	244.6	233.9	222.2	209.9	197.0	184.0
65°	340.8	330.4	320.5	310.1	298.6	286.0	272.2	258.8	245.1	230.5	215.2
62.5°	389.0	379.0	369.8	358.3	345.5	331.2	315.5	299.4	282.3	264.5	247.5
60°	423.0	419.6	410.7	400.8	389.9	377.3	359.9	341.4	322.1	302.0	281.0
57.5°	429.6	430.8	428.9	426.7	424.3	413.5	398.5	382.7	362.8	339.9	315.9
55°	414.3	419.2	424.8	430.8	434.5	429.7	425.5	415.7	397.5	378.3	352.5
52.5°	405.4	409.6	413.9	418.0	423.5	428.5	432.6	428.1	424.1	407.6	386.2
50°	415.9	414.2	412.0	411.5	414.6	417.3	422.1	427.8	430.2	425.5	413.5
47.5°	441.4	433.6	424.9	420.1	414.9	410.8	414.0	418.3	426.0	432.2	426.4
45°	488.5	470.4	451.2	440.1	427.4	419.4	411.7	412.9	418.3	425.7	433.4
42.5°	579.9	536.3	502.2	475.7	451.1	436.6	423.4	415.5	413.6	419.4	426.0
40°	723.8	651.4	596.2	534.2	494.7	462.1	442.6	426.0	417.7	415.2	419.0
37.5°	923.0	823.1	732.8	638.7	567.6	506.6	470.2	445.1	426.8	417.2	414.3
35°	1197.6	1051.7	913.2	790.4	671.5	585.0	511.2	471.1	443.8	424.2	413.3
32.5°	1609.8	1384.4	1145.5	982.2	821.5	685.9	585.9	508.4	462.6	436.8	419.6
30°	2209.6	1839.0	1510.3	1214.6	1004.8	822.5	673.4	567.3	493.2	450.4	427.0
27.5°	3071.9	2414.8	1974.3	1554.8	1214.7	985.4	794.0	635.5	529.7	472.5	438.6
25°	4607.3	3322.5	2529.2	1977.2	1520.2	1157.6	923.8	733.1	588.2	495.7	449.0
22.5°	6865.5	4870.7	3334.8	2441.5	1872.7	1415.0	1073.5	835.0	643.3	530.0	467.4
20°	10124.8	6922.6	4673.2	3151.9	2282.7	1667.5	1239.1	949.8	729.7	576.1	485.6
17.5°	13095.7	9794.4	6328.3	3993.3	2793.9	2013.3	1453.7	1060.0	803.8	617.1	501.7
15°	15665.1	12281.2	8576.7	5389.7	3343.2	2331.6	1654.1	1158.9	873.8	666.3	532.2
12.5°	17489.4	14332.9	10644.2	6596.1	3985.4	2689.2	1890.6	1317.7	949.6	714.8	560.0
10°	19010.7	15945.3	12342.0	8203.7	4905.5	3073.9	2101.2	1450.9	1013.9	752.1	581.9
7.5°	19930.6	17138.0	13645.5	9560.2	5660.1	3396.8	2275.1	1550.5	1065.5	778.7	597.9
5°	20633.2	17989.3	14593.1	10584.2	6280.8	3640.3	2413.2	1617.2	1103.2	794.9	608.4
2.5°	21154.0	18477.6	15191.0	11202.8	6668.8	3799.8	2505.6	1664.6	1121.8	809.3	617.2
0°	21231.6	18636.5	15227.1	11315.0	6570.4	3873.4	2542.3	1693.5	1121.5	816.2	620.8
-2.5°	21154.0	18477.6	15191.0	11202.8	6668.8	3799.8	2505.6	1664.6	1121.8	809.3	617.2
-5°	20633.2	17989.3	14593.1	10584.2	6280.8	3640.3	2413.2	1617.2	1103.2	794.9	608.4
-7.5°	19930.6	17138.0	13645.5	9560.2	5660.1	3396.8	2275.1	1550.5	1065.5	778.7	597.9
-10°	19010.7	15945.3	12342.0	8203.7	4905.5	3073.9	2101.2	1450.9	1013.9	752.1	581.9
-12.5°	17489.4	14332.9	10644.2	6596.1	3985.4	2689.2	1890.6	1317.7	949.6	714.8	560.0
-15°	15665.1	12281.2	8576.7	5389.7	3343.2	2331.6	1654.1	1158.9	873.8	666.3	532.2
-17.5°	13095.7	9794.4	6328.3	3993.3	2793.9	2013.3	1453.7	1060.0	803.8	617.1	501.7
-20°	10124.8	6922.6	4673.2	3151.9	2282.7	1667.5	1239.1	949.8	729.7	576.1	485.6



REPORT NUMBER: P559156 (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°	6865.5	4870.7	3334.8	2441.5	1872.7	1415.0	1073.5	835.0	643.3	530.0	467.4
-25°	4607.3	3322.5	2529.2	1977.2	1520.2	1157.6	923.8	733.1	588.2	495.7	449.0
-27.5°	3071.9	2414.8	1974.3	1554.8	1214.7	985.4	794.0	635.5	529.7	472.5	438.6
-30°	2209.6	1839.0	1510.3	1214.6	1004.8	822.5	673.4	567.3	493.2	450.4	427.0
-32.5°	1609.8	1384.4	1145.5	982.2	821.5	685.9	585.9	508.4	462.6	436.8	419.6
-35°	1197.6	1051.7	913.2	790.4	671.5	585.0	511.2	471.1	443.8	424.2	413.3
-37.5°	923.0	823.1	732.8	638.7	567.6	506.6	470.2	445.1	426.8	417.2	414.3
-40°	723.8	651.4	596.2	534.2	494.7	462.1	442.6	426.0	417.7	415.2	419.0
-42.5°	579.9	536.3	502.2	475.7	451.1	436.6	423.4	415.5	413.6	419.4	426.0
-45°	488.5	470.4	451.2	440.1	427.4	419.4	411.7	412.9	418.3	425.7	433.4
-47.5°	441.4	433.6	424.9	420.1	414.9	410.8	414.0	418.3	426.0	432.2	426.4
-50°	415.9	414.2	412.0	411.5	414.6	417.3	422.1	427.8	430.2	425.5	413.5
-52.5°	405.4	409.6	413.9	418.0	423.5	428.5	432.6	428.1	424.1	407.6	386.2
-55°	414.3	419.2	424.8	430.8	434.5	429.7	425.5	415.7	397.5	378.3	352.5
-57.5°	429.6	430.8	428.9	426.7	424.3	413.5	398.5	382.7	362.8	339.9	315.9
-60°	423.0	419.6	410.7	400.8	389.9	377.3	359.9	341.4	322.1	302.0	281.0
-62.5°	389.0	379.0	369.8	358.3	345.5	331.2	315.5	299.4	282.3	264.5	247.5
-65°	340.8	330.4	320.5	310.1	298.6	286.0	272.2	258.8	245.1	230.5	215.2
-67.5°	290.0	281.6	272.9	263.5	254.2	244.6	233.9	222.2	209.9	197.0	184.0
-70°	241.5	234.7	227.6	220.6	213.4	205.8	196.4	186.1	175.2	165.0	155.3
-72.5°	197.2	191.6	185.9	180.3	174.0	167.5	160.3	152.5	144.7	136.9	128.6
-75°	155.7	151.2	146.6	142.1	137.2	131.8	126.5	120.9	115.0	108.8	101.8
-77.5°	116.1	113.1	110.0	106.7	103.1	99.2	95.0	90.7	86.6	82.0	77.0
-80°	81.4	79.9	78.1	76.0	73.6	70.9	67.9	64.6	60.9	57.4	53.9
-82.5°	54.2	52.9	51.5	49.8	47.9	45.8	43.5	41.3	38.9	36.5	33.9
-85°	29.9	29.2	28.4	27.2	26.1	25.0	23.9	22.9	21.9	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: P559156 (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°	31.7	30.1	28.6	26.8	24.6	22.3	20.0	17.6	15.2	12.7	11.0
80°	50.5	47.1	43.6	40.1	36.3	32.4	29.3	26.2	23.2	20.0	16.5
77.5°	71.3	65.7	59.9	55.0	49.9	44.9	39.9	35.1	31.1	27.2	23.0
75°	94.0	86.7	79.6	72.3	64.6	57.2	51.0	45.2	39.7	34.5	29.5
72.5°	119.5	110.1	100.3	90.2	81.1	72.1	63.2	55.1	48.5	42.2	36.0
70°	145.0	134.2	123.0	111.3	99.0	87.0	76.7	66.9	57.3	49.7	42.5
67.5°	170.7	158.8	146.2	132.4	118.6	104.7	90.5	79.0	68.2	57.3	48.9
65°	200.1	184.8	169.5	154.4	138.7	122.6	107.0	92.0	79.0	66.9	55.2
62.5°	229.8	211.9	194.5	176.7	159.2	141.4	123.3	106.9	90.3	76.4	62.9
60°	260.3	240.3	219.5	199.6	179.9	160.4	140.6	121.5	103.5	85.6	71.0
57.5°	292.6	269.0	246.0	222.8	200.5	179.1	157.7	136.5	116.4	96.6	79.0
55°	325.3	298.9	272.6	247.0	221.5	197.5	174.4	151.3	129.1	107.8	86.8
52.5°	360.0	329.2	299.7	271.2	243.5	216.0	191.1	165.5	141.7	118.7	96.1
50°	389.8	360.4	327.0	295.5	265.1	236.0	207.6	180.5	153.9	129.3	105.3
47.5°	414.4	386.7	354.7	319.5	286.7	255.5	224.9	195.2	165.4	139.5	114.0
45°	424.9	409.3	379.1	343.9	307.9	274.8	242.1	209.7	178.4	149.3	122.3
42.5°	430.9	421.1	399.7	367.0	329.9	293.7	258.6	224.5	191.0	158.8	130.5
40°	425.1	426.7	415.9	386.4	351.5	311.9	275.1	238.8	203.2	168.4	138.4
37.5°	418.2	425.4	421.1	405.2	371.4	330.9	290.8	252.5	214.9	178.7	146.0
35°	413.9	419.2	426.7	416.0	387.8	349.2	305.8	265.7	226.4	188.3	153.2
32.5°	410.3	414.2	422.5	420.8	403.1	366.6	320.9	278.3	237.1	197.4	160.0
30°	413.5	411.3	417.7	425.1	414.4	380.0	335.7	290.0	247.2	205.8	166.6
27.5°	418.3	408.2	413.6	423.1	418.0	392.2	349.2	301.0	256.6	213.7	173.4
25°	424.0	410.2	410.8	419.2	421.2	403.2	361.4	311.1	265.5	221.3	179.6
22.5°	432.7	413.5	408.1	415.6	424.2	413.3	371.5	321.2	273.7	228.2	185.3
20°	440.5	416.2	405.4	412.2	423.7	415.8	379.8	330.3	281.0	234.4	190.3
17.5°	448.7	420.5	407.0	409.9	420.8	418.0	387.2	338.2	287.5	239.9	194.7
15°	461.9	426.2	409.0	408.0	418.1	419.9	393.9	345.0	293.2	244.7	198.6
12.5°	473.1	431.0	410.4	406.3	415.5	421.6	399.6	350.7	298.0	248.7	202.0
10°	482.3	434.8	411.4	405.0	413.1	423.0	404.4	355.8	302.3	251.8	204.7
7.5°	489.2	437.5	411.9	403.9	411.1	424.1	408.8	361.0	305.9	254.2	206.8
5°	494.4	440.6	413.4	403.4	410.0	424.8	412.0	365.2	308.7	255.7	208.4
2.5°	498.7	444.7	415.5	403.1	409.3	425.3	414.2	368.4	310.5	256.5	209.3
0°	500.7	447.8	417.3	403.0	409.1	425.4	415.2	370.4	311.4	256.5	209.6
-2.5°	498.7	444.7	415.5	403.1	409.3	425.3	414.2	368.4	310.5	256.5	209.3
-5°	494.4	440.6	413.4	403.4	410.0	424.8	412.0	365.2	308.7	255.7	208.4
-7.5°	489.2	437.5	411.9	403.9	411.1	424.1	408.8	361.0	305.9	254.2	206.8
-10°	482.3	434.8	411.4	405.0	413.1	423.0	404.4	355.8	302.3	251.8	204.7
-12.5°	473.1	431.0	410.4	406.3	415.5	421.6	399.6	350.7	298.0	248.7	202.0
-15°	461.9	426.2	409.0	408.0	418.1	419.9	393.9	345.0	293.2	244.7	198.6
-17.5°	448.7	420.5	407.0	409.9	420.8	418.0	387.2	338.2	287.5	239.9	194.7
-20°	440.5	416.2	405.4	412.2	423.7	415.8	379.8	330.3	281.0	234.4	190.3



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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°	432.7	413.5	408.1	415.6	424.2	413.3	371.5	321.2	273.7	228.2	185.3
-25°	424.0	410.2	410.8	419.2	421.2	403.2	361.4	311.1	265.5	221.3	179.6
-27.5°	418.3	408.2	413.6	423.1	418.0	392.2	349.2	301.0	256.6	213.7	173.4
-30°	413.5	411.3	417.7	425.1	414.4	380.0	335.7	290.0	247.2	205.8	166.6
-32.5°	410.3	414.2	422.5	420.8	403.1	366.6	320.9	278.3	237.1	197.4	160.0
-35°	413.9	419.2	426.7	416.0	387.8	349.2	305.8	265.7	226.4	188.3	153.2
-37.5°	418.2	425.4	421.1	405.2	371.4	330.9	290.8	252.5	214.9	178.7	146.0
-40°	425.1	426.7	415.9	386.4	351.5	311.9	275.1	238.8	203.2	168.4	138.4
-42.5°	430.9	421.1	399.7	367.0	329.9	293.7	258.6	224.5	191.0	158.8	130.5
-45°	424.9	409.3	379.1	343.9	307.9	274.8	242.1	209.7	178.4	149.3	122.3
-47.5°	414.4	386.7	354.7	319.5	286.7	255.5	224.9	195.2	165.4	139.5	114.0
-50°	389.8	360.4	327.0	295.5	265.1	236.0	207.6	180.5	153.9	129.3	105.3
-52.5°	360.0	329.2	299.7	271.2	243.5	216.0	191.1	165.5	141.7	118.7	96.1
-55°	325.3	298.9	272.6	247.0	221.5	197.5	174.4	151.3	129.1	107.8	86.8
-57.5°	292.6	269.0	246.0	222.8	200.5	179.1	157.7	136.5	116.4	96.6	79.0
-60°	260.3	240.3	219.5	199.6	179.9	160.4	140.6	121.5	103.5	85.6	71.0
-62.5°	229.8	211.9	194.5	176.7	159.2	141.4	123.3	106.9	90.3	76.4	62.9
-65°	200.1	184.8	169.5	154.4	138.7	122.6	107.0	92.0	79.0	66.9	55.2
-67.5°	170.7	158.8	146.2	132.4	118.6	104.7	90.5	79.0	68.2	57.3	48.9
-70°	145.0	134.2	123.0	111.3	99.0	87.0	76.7	66.9	57.3	49.7	42.5
-72.5°	119.5	110.1	100.3	90.2	81.1	72.1	63.2	55.1	48.5	42.2	36.0
-75°	94.0	86.7	79.6	72.3	64.6	57.2	51.0	45.2	39.7	34.5	29.5
-77.5°	71.3	65.7	59.9	55.0	49.9	44.9	39.9	35.1	31.1	27.2	23.0
-80°	50.5	47.1	43.6	40.1	36.3	32.4	29.3	26.2	23.2	20.0	16.5
-82.5°	31.7	30.1	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	45.4	33.2	22.5	12.2	6.1	0.0
57.5°	63.5	49.9	36.8	24.8	13.7	6.6	0.0
55°	70.2	54.4	40.4	27.0	15.2	7.0	0.0
52.5°	76.7	58.9	44.0	29.1	16.7	7.4	0.0
50°	83.0	64.1	47.4	31.2	18.1	7.8	0.0
47.5°	89.3	69.2	50.8	33.3	19.5	8.2	0.0
45°	96.5	74.2	54.0	35.8	20.9	8.6	0.0
42.5°	103.2	78.9	57.2	38.1	22.2	9.0	0.0
40°	109.6	83.4	60.5	40.4	23.4	9.3	0.0
37.5°	115.6	87.7	63.9	42.6	24.6	9.7	0.0
35°	121.2	92.1	67.1	44.6	25.7	10.0	0.0
32.5°	126.6	96.5	70.2	46.5	26.8	10.3	0.0
30°	132.0	100.6	73.1	48.2	27.9	10.6	0.0
27.5°	137.1	104.4	75.5	49.8	28.8	10.8	0.0
25°	141.7	107.8	77.7	51.2	29.7	11.1	0.0
22.5°	146.0	110.8	79.7	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°	153.3	115.6	83.1	54.5	32.0	11.6	0.0
15°	156.3	117.5	84.4	55.3	32.6	11.8	0.0
12.5°	158.9	119.1	85.5	56.0	33.1	11.9	0.0
10°	161.0	120.4	86.4	56.4	33.6	12.0	0.0
7.5°	162.7	121.3	87.0	56.8	34.0	12.1	0.0
5°	163.9	121.9	87.4	57.0	34.3	12.2	0.0
2.5°	164.7	122.2	87.6	57.1	34.5	12.2	0.0
0°	164.9	122.1	87.5	57.0	34.6	12.2	0.0
-2.5°	164.7	122.2	87.6	57.1	34.5	12.2	0.0
-5°	163.9	121.9	87.4	57.0	34.3	12.2	0.0
-7.5°	162.7	121.3	87.0	56.8	34.0	12.1	0.0
-10°	161.0	120.4	86.4	56.4	33.6	12.0	0.0
-12.5°	158.9	119.1	85.5	56.0	33.1	11.9	0.0
-15°	156.3	117.5	84.4	55.3	32.6	11.8	0.0
-17.5°	153.3	115.6	83.1	54.5	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°	146.0	110.8	79.7	52.5	30.5	11.3	0.0
-25°	141.7	107.8	77.7	51.2	29.7	11.1	0.0
-27.5°	137.1	104.4	75.5	49.8	28.8	10.8	0.0
-30°	132.0	100.6	73.1	48.2	27.9	10.6	0.0
-32.5°	126.6	96.5	70.2	46.5	26.8	10.3	0.0
-35°	121.2	92.1	67.1	44.6	25.7	10.0	0.0
-37.5°	115.6	87.7	63.9	42.6	24.6	9.7	0.0
-40°	109.6	83.4	60.5	40.4	23.4	9.3	0.0
-42.5°	103.2	78.9	57.2	38.1	22.2	9.0	0.0
-45°	96.5	74.2	54.0	35.8	20.9	8.6	0.0
-47.5°	89.3	69.2	50.8	33.3	19.5	8.2	0.0
-50°	83.0	64.1	47.4	31.2	18.1	7.8	0.0
-52.5°	76.7	58.9	44.0	29.1	16.7	7.4	0.0
-55°	70.2	54.4	40.4	27.0	15.2	7.0	0.0
-57.5°	63.5	49.9	36.8	24.8	13.7	6.6	0.0
-60°	56.8	45.4	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)