

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: P559164 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-927-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559164 (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-SA6C-927-U-MR-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (96) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

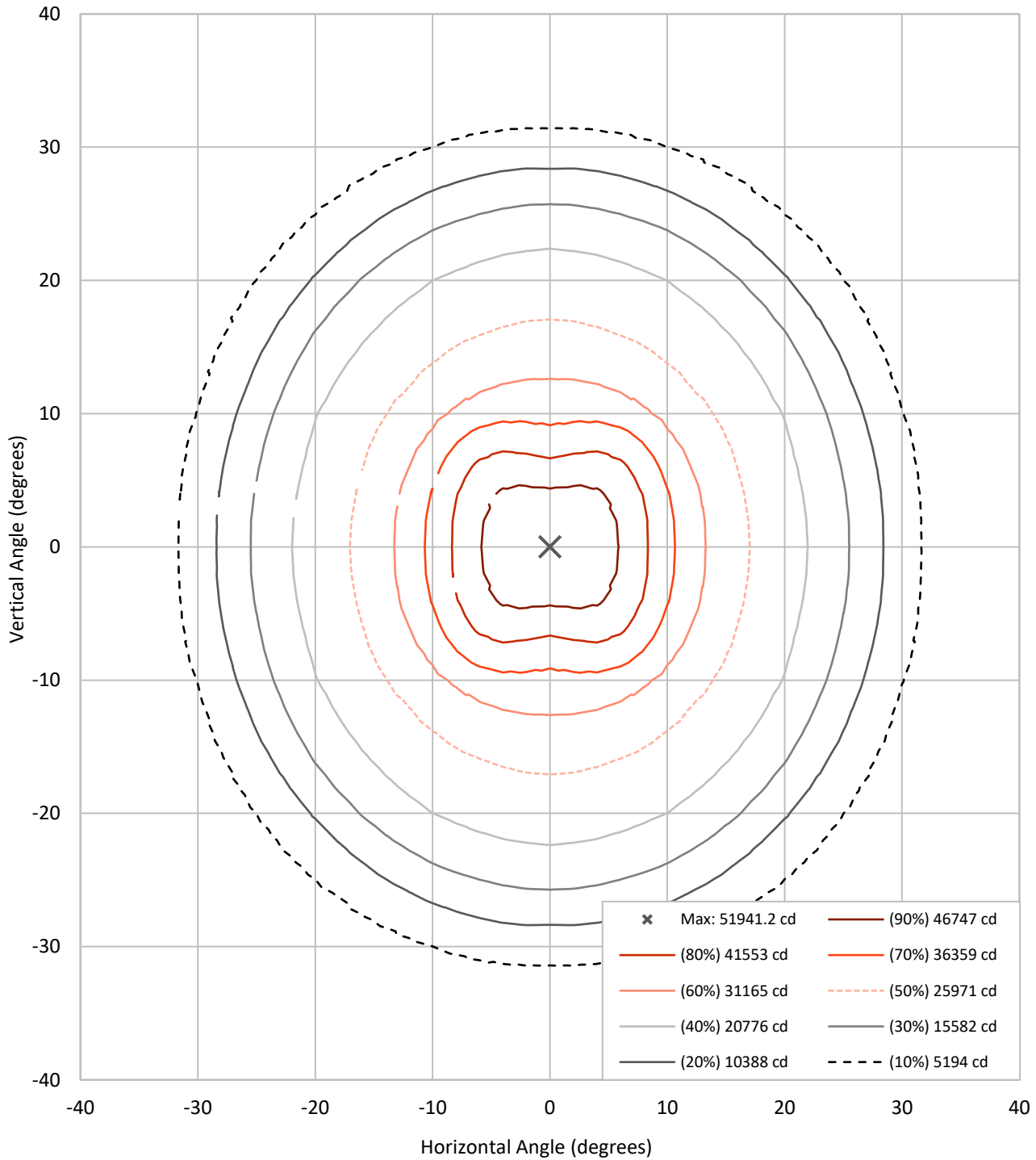
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	22977.4 lumens	Max Intensity:	51941.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	95.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	9786.9 lumens	Field Lumens:	20002.4 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 241
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





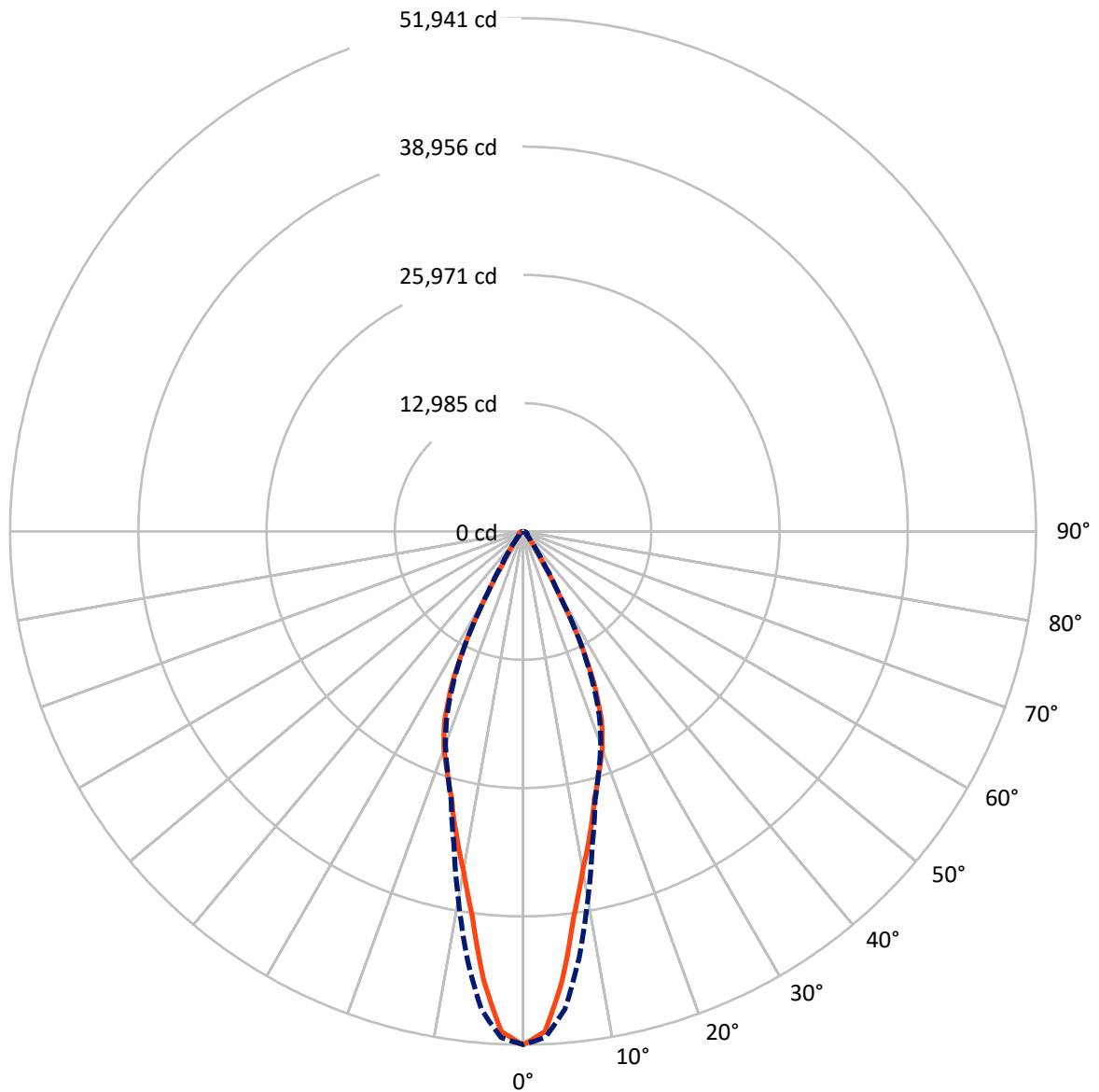
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Lumen Table

90																
80	0.3	2.5		7.1		11.7		13.7		11.7		7.1		2.5		0.3
70																
60	1.2	1.3	2.9	5.1	7.4	9.6	11.2	12.1	12.1	11.2	9.6	7.4	5.1	2.9	1.3	1.2
50		2.1	4.7	8.1	11.1	12.5	13.2	13.6	13.6	13.2	12.5	11.1	8.1	4.7	2.1	
40	2.2	3.0	6.5	9.8	11.4	14.2	18.2	20.9	20.9	18.2	14.2	11.4	9.8	6.5	3.0	2.2
30		3.8	7.6	9.9	14.8	29.3	55.7	85.1	85.1	55.7	29.3	14.8	9.9	7.6	3.8	
20	3.0	4.4	7.8	11.0	26.9	89.4	281.2	462.9	462.9	281.2	89.4	26.9	11.0	7.8	4.4	3.0
10		4.8	7.8	13.6	50.2	265.0	626.2	829.4	829.4	626.2	265.0	50.2	13.6	7.8	4.8	
0	3.3	5.0	7.8	15.7	76.3	417.5	814.4	1285.2	1285.2	814.4	417.5	76.3	15.7	7.8	5.0	3.3
-10		5.0	7.8	15.7	76.3	417.5	814.4	1285.2	1285.2	814.4	417.5	76.3	15.7	7.8	5.0	
-20	3.0	4.8	7.8	13.6	50.2	265.0	626.2	829.4	829.4	626.2	265.0	50.2	13.6	7.8	4.8	3.0
-30		4.4	7.8	11.0	26.9	89.4	281.2	462.9	462.9	281.2	89.4	26.9	11.0	7.8	4.4	
-40	2.2	3.8	7.6	9.9	14.8	29.3	55.7	85.1	85.1	55.7	29.3	14.8	9.9	7.6	3.8	2.2
-50		3.0	6.5	9.8	11.4	14.2	18.2	20.9	20.9	18.2	14.2	11.4	9.8	6.5	3.0	
-60	1.2	2.1	4.7	8.1	11.1	12.5	13.2	13.6	13.6	13.2	12.5	11.1	8.1	4.7	2.1	1.2
-70		1.3	2.9	5.1	7.4	9.6	11.2	12.1	12.1	11.2	9.6	7.4	5.1	2.9	1.3	
-80																
-90	0.3	2.5		7.1		11.7		13.7		11.7		7.1		2.5		0.3

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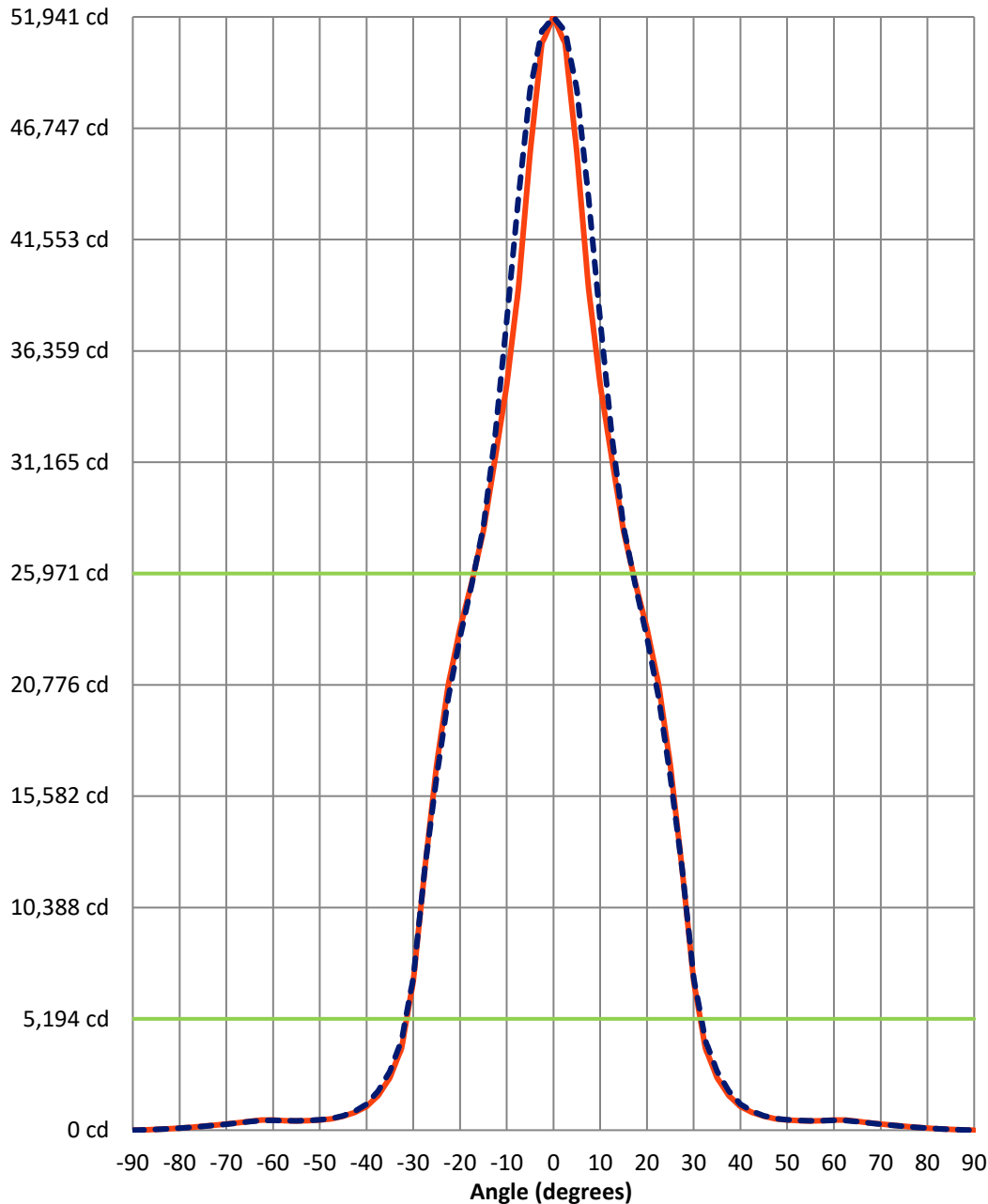
Luminous Intensity Polar Plot



— 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: 9786.9
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 20002.4
 Efficiency: 87.1%

Spill:
 Lumens: 2974.9
 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	0.6	1.2	1.7	2.3	2.9	3.4	4.0	4.5	5.1	5.6
85°	0.0	1.2	2.3	3.4	4.6	5.7	6.8	7.9	9.0	10.1	11.1
82.5°	0.0	1.7	3.4	5.2	6.9	8.5	10.2	11.9	13.7	16.5	19.1
80°	0.0	2.3	4.6	6.9	9.1	11.4	13.9	17.9	21.6	25.1	28.4
77.5°	0.0	2.9	5.7	8.5	11.4	15.0	20.1	24.9	29.5	33.7	38.0
75°	0.0	3.4	6.8	10.2	13.9	19.9	26.2	32.0	37.3	43.0	48.9
72.5°	0.0	4.0	7.9	11.9	17.8	24.8	32.2	39.0	45.7	52.6	59.6
70°	0.0	4.5	9.0	13.7	21.6	29.7	38.1	46.0	53.9	62.0	72.4
67.5°	0.0	5.1	10.1	16.5	25.3	34.4	44.0	53.0	62.0	73.9	85.6
65°	0.0	5.6	11.1	19.2	28.9	39.3	49.9	59.8	72.4	85.6	99.5
62.5°	0.0	6.1	12.2	21.8	32.5	44.3	55.7	68.1	82.6	97.7	115.7
60°	0.0	6.6	13.2	24.3	35.9	49.2	61.5	76.8	92.7	112.0	131.6
57.5°	0.0	7.1	14.9	26.8	39.9	54.1	68.7	85.5	104.6	126.0	147.8
55°	0.0	7.6	16.5	29.2	43.8	58.9	76.0	93.9	116.7	139.7	163.8
52.5°	0.0	8.0	18.1	31.6	47.6	63.7	83.0	104.0	128.5	153.4	179.2
50°	0.0	8.5	19.6	33.8	51.3	69.4	89.9	113.9	140.0	166.6	195.4
47.5°	0.0	8.9	21.1	36.1	55.0	74.9	96.7	123.4	151.0	179.1	211.3
45°	0.0	9.3	22.6	38.7	58.5	80.2	104.4	132.4	161.6	193.1	226.9
42.5°	0.0	9.7	24.0	41.3	61.9	85.3	111.7	141.2	171.8	206.7	243.0
40°	0.0	10.1	25.4	43.8	65.5	90.2	118.6	149.8	182.3	219.9	258.5
37.5°	0.0	10.5	26.7	46.1	69.2	94.8	125.1	158.0	193.4	232.6	273.3
35°	0.0	10.8	27.9	48.3	72.7	99.7	131.2	165.8	203.8	245.0	287.6
32.5°	0.0	11.1	29.1	50.4	76.0	104.4	137.0	173.2	213.6	256.7	301.2
30°	0.0	11.4	30.2	52.2	79.1	108.8	142.9	180.4	222.7	267.6	314.0
27.5°	0.0	11.7	31.2	53.9	81.7	112.9	148.3	187.7	231.3	277.8	325.8
25°	0.0	12.0	32.2	55.5	84.1	116.6	153.4	194.5	239.5	287.4	336.8
22.5°	0.0	12.2	33.1	56.8	86.3	119.9	158.0	200.6	247.0	296.2	347.7
20°	0.0	12.4	33.9	58.0	88.2	122.6	162.2	206.0	253.8	304.2	357.5
17.5°	0.0	12.6	34.6	59.0	89.9	125.1	165.9	210.8	259.7	311.2	366.1
15°	0.0	12.7	35.3	59.9	91.3	127.2	169.2	215.0	264.9	317.4	373.5
12.5°	0.0	12.9	35.9	60.6	92.5	128.9	172.0	218.6	269.2	322.6	379.7
10°	0.0	13.0	36.4	61.1	93.4	130.3	174.3	221.6	272.6	327.2	385.2
7.5°	0.0	13.1	36.8	61.5	94.1	131.3	176.1	223.9	275.1	331.1	390.8
5°	0.0	13.1	37.1	61.7	94.6	132.0	177.4	225.6	276.8	334.1	395.4
2.5°	0.0	13.2	37.4	61.8	94.8	132.3	178.2	226.6	277.6	336.1	398.8
0°	0.0	13.2	37.5	61.7	94.7	132.2	178.5	226.9	277.6	337.1	401.0
-2.5°	0.0	13.2	37.4	61.8	94.8	132.3	178.2	226.6	277.6	336.1	398.8
-5°	0.0	13.1	37.1	61.7	94.6	132.0	177.4	225.6	276.8	334.1	395.4
-7.5°	0.0	13.1	36.8	61.5	94.1	131.3	176.1	223.9	275.1	331.1	390.8
-10°	0.0	13.0	36.4	61.1	93.4	130.3	174.3	221.6	272.6	327.2	385.2
-12.5°	0.0	12.9	35.9	60.6	92.5	128.9	172.0	218.6	269.2	322.6	379.7
-15°	0.0	12.7	35.3	59.9	91.3	127.2	169.2	215.0	264.9	317.4	373.5
-17.5°	0.0	12.6	34.6	59.0	89.9	125.1	165.9	210.8	259.7	311.2	366.1
-20°	0.0	12.4	33.9	58.0	88.2	122.6	162.2	206.0	253.8	304.2	357.5



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 CATALOG NUMBER: GFLD-SA6C-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	12.2	33.1	56.8	86.3	119.9	158.0	200.6	247.0	296.2	347.7
-25°	0.0	12.0	32.2	55.5	84.1	116.6	153.4	194.5	239.5	287.4	336.8
-27.5°	0.0	11.7	31.2	53.9	81.7	112.9	148.3	187.7	231.3	277.8	325.8
-30°	0.0	11.4	30.2	52.2	79.1	108.8	142.9	180.4	222.7	267.6	314.0
-32.5°	0.0	11.1	29.1	50.4	76.0	104.4	137.0	173.2	213.6	256.7	301.2
-35°	0.0	10.8	27.9	48.3	72.7	99.7	131.2	165.8	203.8	245.0	287.6
-37.5°	0.0	10.5	26.7	46.1	69.2	94.8	125.1	158.0	193.4	232.6	273.3
-40°	0.0	10.1	25.4	43.8	65.5	90.2	118.6	149.8	182.3	219.9	258.5
-42.5°	0.0	9.7	24.0	41.3	61.9	85.3	111.7	141.2	171.8	206.7	243.0
-45°	0.0	9.3	22.6	38.7	58.5	80.2	104.4	132.4	161.6	193.1	226.9
-47.5°	0.0	8.9	21.1	36.1	55.0	74.9	96.7	123.4	151.0	179.1	211.3
-50°	0.0	8.5	19.6	33.8	51.3	69.4	89.9	113.9	140.0	166.6	195.4
-52.5°	0.0	8.0	18.1	31.6	47.6	63.7	83.0	104.0	128.5	153.4	179.2
-55°	0.0	7.6	16.5	29.2	43.8	58.9	76.0	93.9	116.7	139.7	163.8
-57.5°	0.0	7.1	14.9	26.8	39.9	54.1	68.7	85.5	104.6	126.0	147.8
-60°	0.0	6.6	13.2	24.3	35.9	49.2	61.5	76.8	92.7	112.0	131.6
-62.5°	0.0	6.1	12.2	21.8	32.5	44.3	55.7	68.1	82.6	97.7	115.7
-65°	0.0	5.6	11.1	19.2	28.9	39.3	49.9	59.8	72.4	85.6	99.5
-67.5°	0.0	5.1	10.1	16.5	25.3	34.4	44.0	53.0	62.0	73.9	85.6
-70°	0.0	4.5	9.0	13.7	21.6	29.7	38.1	46.0	53.9	62.0	72.4
-72.5°	0.0	4.0	7.9	11.9	17.8	24.8	32.2	39.0	45.7	52.6	59.6
-75°	0.0	3.4	6.8	10.2	13.9	19.9	26.2	32.0	37.3	43.0	48.9
-77.5°	0.0	2.9	5.7	8.5	11.4	15.0	20.1	24.9	29.5	33.7	38.0
-80°	0.0	2.3	4.6	6.9	9.1	11.4	13.9	17.9	21.6	25.1	28.4
-82.5°	0.0	1.7	3.4	5.2	6.9	8.5	10.2	11.9	13.7	16.5	19.1
-85°	0.0	1.2	2.3	3.4	4.6	5.7	6.8	7.9	9.0	10.1	11.1
-87.5°	0.0	0.6	1.2	1.7	2.3	2.9	3.4	4.0	4.5	5.1	5.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.1	6.6	7.1	7.6	8.0	8.5	8.9	9.3	9.7	10.1	10.5
85°	12.2	13.2	14.8	16.4	17.9	19.2	20.3	21.4	22.6	23.7	24.8
82.5°	21.6	24.2	26.7	29.1	31.0	32.6	34.3	36.7	39.5	42.1	44.7
80°	31.8	35.1	39.3	43.5	47.2	51.0	54.7	58.4	62.1	66.0	69.9
77.5°	43.2	48.6	54.0	59.6	64.9	71.1	77.2	83.3	88.8	93.7	98.2
75°	55.3	61.9	70.0	78.2	86.2	93.9	101.7	110.2	117.7	124.5	130.9
72.5°	68.4	78.1	87.8	97.6	108.5	119.1	129.3	139.2	148.2	156.6	165.1
70°	83.0	94.2	107.2	120.4	133.1	145.2	157.0	168.1	178.6	189.6	201.4
67.5°	98.0	113.3	128.4	143.3	158.2	171.9	184.8	199.1	213.2	227.1	240.5
65°	115.8	132.7	150.1	167.2	183.4	200.0	216.5	232.8	249.5	265.3	280.1
62.5°	133.4	153.1	172.4	191.2	210.5	229.3	248.7	267.9	286.4	305.6	324.0
60°	152.2	173.6	194.7	216.0	237.6	260.1	281.7	304.2	326.8	348.6	369.6
57.5°	170.7	194.0	217.0	241.1	266.3	291.2	316.7	342.0	367.9	392.6	414.3
55°	188.8	213.8	239.7	267.4	295.0	323.6	352.1	381.5	409.4	430.3	449.9
52.5°	206.9	233.8	263.6	293.6	324.4	356.4	389.6	418.0	441.3	459.1	463.4
50°	224.6	255.5	287.0	319.9	354.0	390.1	421.9	447.6	460.7	465.7	463.0
47.5°	243.4	276.6	310.4	345.9	384.0	418.6	448.6	461.6	467.9	461.1	452.7
45°	262.0	297.5	333.3	372.3	410.4	443.1	459.9	469.2	460.9	452.8	447.0
42.5°	280.0	318.0	357.1	397.3	432.7	455.8	466.5	461.2	454.0	447.7	449.8
40°	297.8	337.6	380.5	418.3	450.2	462.0	460.2	453.6	449.4	452.1	461.1
37.5°	314.8	358.3	402.0	438.6	455.8	460.6	452.7	448.5	451.6	462.0	481.8
35°	331.0	378.0	419.8	450.4	461.9	453.8	448.1	447.4	459.3	480.4	509.9
32.5°	347.4	396.9	436.4	455.6	457.4	448.4	444.1	454.2	472.8	500.7	550.3
30°	363.4	411.4	448.6	460.2	452.2	445.2	447.6	462.2	487.4	533.8	614.1
27.5°	378.0	424.5	452.5	458.1	447.7	441.8	452.8	474.7	511.4	573.3	687.8
25°	391.3	436.4	456.0	453.9	444.7	444.0	458.9	485.9	536.5	636.6	793.6
22.5°	402.2	447.4	459.2	449.9	441.7	447.6	468.4	505.9	573.6	696.4	903.9
20°	411.1	450.1	458.6	446.2	438.7	450.5	476.8	525.6	623.6	789.8	1028.1
17.5°	419.2	452.5	455.5	443.7	440.5	455.1	485.6	543.0	668.0	870.1	1147.4
15°	426.4	454.6	452.5	441.6	442.6	461.3	499.9	576.1	721.2	945.8	1254.5
12.5°	432.6	456.4	449.7	439.8	444.3	466.5	512.1	606.1	773.7	1027.9	1426.3
10°	437.7	457.9	447.2	438.3	445.3	470.6	522.0	629.8	814.1	1097.5	1570.5
7.5°	442.5	459.0	445.0	437.2	445.9	473.6	529.6	647.2	842.9	1153.4	1678.3
5°	446.1	459.9	443.8	436.6	447.5	476.9	535.1	658.5	860.5	1194.1	1750.5
2.5°	448.4	460.4	443.0	436.3	449.8	481.3	539.8	668.1	876.1	1214.3	1801.9
0°	449.5	460.5	442.8	436.2	451.7	484.7	542.0	672.0	883.5	1214.0	1833.1
-2.5°	448.4	460.4	443.0	436.3	449.8	481.3	539.8	668.1	876.1	1214.3	1801.9
-5°	446.1	459.9	443.8	436.6	447.5	476.9	535.1	658.5	860.5	1194.1	1750.5
-7.5°	442.5	459.0	445.0	437.2	445.9	473.6	529.6	647.2	842.9	1153.4	1678.3
-10°	437.7	457.9	447.2	438.3	445.3	470.6	522.0	629.8	814.1	1097.5	1570.5
-12.5°	432.6	456.4	449.7	439.8	444.3	466.5	512.1	606.1	773.7	1027.9	1426.3
-15°	426.4	454.6	452.5	441.6	442.6	461.3	499.9	576.1	721.2	945.8	1254.5
-17.5°	419.2	452.5	455.5	443.7	440.5	455.1	485.6	543.0	668.0	870.1	1147.4
-20°	411.1	450.1	458.6	446.2	438.7	450.5	476.8	525.6	623.6	789.8	1028.1



REPORT NUMBER: P559164 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	402.2	447.4	459.2	449.9	441.7	447.6	468.4	505.9	573.6	696.4	903.9
-25°	391.3	436.4	456.0	453.9	444.7	444.0	458.9	485.9	536.5	636.6	793.6
-27.5°	378.0	424.5	452.5	458.1	447.7	441.8	452.8	474.7	511.4	573.3	687.8
-30°	363.4	411.4	448.6	460.2	452.2	445.2	447.6	462.2	487.4	533.8	614.1
-32.5°	347.4	396.9	436.4	455.6	457.4	448.4	444.1	454.2	472.8	500.7	550.3
-35°	331.0	378.0	419.8	450.4	461.9	453.8	448.1	447.4	459.3	480.4	509.9
-37.5°	314.8	358.3	402.0	438.6	455.8	460.6	452.7	448.5	451.6	462.0	481.8
-40°	297.8	337.6	380.5	418.3	450.2	462.0	460.2	453.6	449.4	452.1	461.1
-42.5°	280.0	318.0	357.1	397.3	432.7	455.8	466.5	461.2	454.0	447.7	449.8
-45°	262.0	297.5	333.3	372.3	410.4	443.1	459.9	469.2	460.9	452.8	447.0
-47.5°	243.4	276.6	310.4	345.9	384.0	418.6	448.6	461.6	467.9	461.1	452.7
-50°	224.6	255.5	287.0	319.9	354.0	390.1	421.9	447.6	460.7	465.7	463.0
-52.5°	206.9	233.8	263.6	293.6	324.4	356.4	389.6	418.0	441.3	459.1	463.4
-55°	188.8	213.8	239.7	267.4	295.0	323.6	352.1	381.5	409.4	430.3	449.9
-57.5°	170.7	194.0	217.0	241.1	266.3	291.2	316.7	342.0	367.9	392.6	414.3
-60°	152.2	173.6	194.7	216.0	237.6	260.1	281.7	304.2	326.8	348.6	369.6
-62.5°	133.4	153.1	172.4	191.2	210.5	229.3	248.7	267.9	286.4	305.6	324.0
-65°	115.8	132.7	150.1	167.2	183.4	200.0	216.5	232.8	249.5	265.3	280.1
-67.5°	98.0	113.3	128.4	143.3	158.2	171.9	184.8	199.1	213.2	227.1	240.5
-70°	83.0	94.2	107.2	120.4	133.1	145.2	157.0	168.1	178.6	189.6	201.4
-72.5°	68.4	78.1	87.8	97.6	108.5	119.1	129.3	139.2	148.2	156.6	165.1
-75°	55.3	61.9	70.0	78.2	86.2	93.9	101.7	110.2	117.7	124.5	130.9
-77.5°	43.2	48.6	54.0	59.6	64.9	71.1	77.2	83.3	88.8	93.7	98.2
-80°	31.8	35.1	39.3	43.5	47.2	51.0	54.7	58.4	62.1	66.0	69.9
-82.5°	21.6	24.2	26.7	29.1	31.0	32.6	34.3	36.7	39.5	42.1	44.7
-85°	12.2	13.2	14.8	16.4	17.9	19.2	20.3	21.4	22.6	23.7	24.8
-87.5°	6.1	6.6	7.1	7.6	8.0	8.5	8.9	9.3	9.7	10.1	10.5
-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: P559164 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	10.8	10.7	10.5	10.2	10.0	10.2	10.3	10.5	10.6	11.3	11.9
85°	25.8	27.0	28.2	29.5	30.7	31.6	32.4	33.0	33.6	34.2	34.6
82.5°	47.1	49.6	51.9	53.9	55.8	57.3	58.7	59.9	61.0	61.9	62.6
80°	73.5	76.7	79.6	82.2	84.5	86.4	88.1	89.4	90.5	92.7	94.8
77.5°	102.8	107.4	111.6	115.5	119.0	122.5	125.7	128.6	131.2	133.2	134.6
75°	136.9	142.7	148.5	153.8	158.7	163.7	168.6	173.1	177.1	179.8	181.8
72.5°	173.5	181.3	188.4	195.1	201.2	207.3	213.4	218.8	223.7	227.3	230.3
70°	212.6	222.7	231.0	238.7	246.3	254.0	261.4	267.9	273.5	278.2	281.9
67.5°	253.2	264.8	275.2	285.3	295.4	304.9	313.9	322.3	330.0	335.9	339.8
65°	294.7	309.6	323.2	335.7	346.9	357.6	368.9	379.3	388.8	396.5	402.4
62.5°	341.6	358.4	373.9	387.8	400.3	410.3	421.1	430.9	439.7	447.8	455.9
60°	389.5	408.4	422.0	433.8	444.6	454.2	457.9	461.5	464.4	467.1	470.3
57.5°	431.4	447.6	459.3	461.9	464.3	466.4	465.0	461.3	457.4	453.5	450.3
55°	460.6	465.1	470.3	466.3	459.8	453.8	448.5	444.8	441.4	438.3	435.6
52.5°	468.3	463.9	458.4	452.5	448.0	443.4	438.7	439.6	441.0	442.1	442.7
50°	456.9	451.7	448.8	445.4	446.0	448.3	450.2	454.5	459.9	463.7	467.0
47.5°	448.1	444.7	449.1	454.7	459.9	469.4	477.7	486.0	498.8	508.9	517.0
45°	445.7	454.0	462.7	476.3	488.3	509.2	528.8	545.1	575.6	603.5	625.4
42.5°	458.3	472.7	488.3	514.9	543.6	580.5	627.8	667.8	714.7	758.3	790.0
40°	479.1	500.2	535.5	578.3	645.4	705.1	783.5	850.5	913.5	980.2	1030.4
37.5°	508.9	548.4	614.4	691.3	793.2	891.0	999.1	1103.9	1193.3	1328.6	1434.4
35°	553.4	633.2	726.9	855.5	988.5	1138.4	1296.4	1499.9	1679.1	1889.3	2087.0
32.5°	634.2	742.4	889.2	1063.2	1240.0	1498.6	1742.6	2073.3	2370.5	2741.3	3140.1
30°	728.9	890.3	1087.7	1314.8	1634.8	1990.6	2391.7	2899.0	3501.7	4219.4	5182.4
27.5°	859.5	1066.7	1314.8	1683.0	2137.0	2613.8	3325.2	4177.8	5731.6	7085.6	8880.2
25°	1000.0	1253.0	1645.6	2140.3	2737.7	3596.4	4987.1	6761.2	9274.1	11677.0	13597.9
22.5°	1162.0	1531.7	2027.1	2642.9	3609.8	5272.3	7431.5	10555.9	13358.0	15781.5	17648.0
20°	1341.3	1805.0	2470.9	3411.8	5058.5	7493.3	10959.5	14166.1	17028.1	19114.4	20763.5
17.5°	1573.6	2179.3	3024.2	4322.6	6850.0	10601.9	14175.3	17344.7	19834.9	21667.9	23129.8
15°	1790.4	2523.8	3618.8	5834.1	9283.8	13293.7	16956.5	19783.8	21938.8	23644.4	24958.8
12.5°	2046.4	2910.9	4314.0	7139.9	11521.6	15514.5	18931.2	21571.3	23646.5	25245.3	27006.9
10°	2274.4	3327.3	5309.9	8880.0	13359.4	17259.8	20577.8	22950.4	25031.3	27114.9	29756.3
7.5°	2462.6	3676.8	6126.6	10348.3	14770.4	18550.9	21573.6	23944.2	26237.7	29020.4	32830.4
5°	2612.1	3940.4	6798.6	11456.7	15796.1	19472.3	22334.1	24737.1	27327.6	31050.1	36163.0
2.5°	2712.1	4113.0	7218.6	12126.4	16443.2	20000.8	22897.9	25255.6	27971.7	32186.4	37528.2
0°	2751.8	4192.7	7112.0	12247.8	16482.4	20172.8	22981.9	25449.5	28155.1	32376.5	37778.8
-2.5°	2712.1	4113.0	7218.6	12126.4	16443.2	20000.8	22897.9	25255.6	27971.7	32186.4	37528.2
-5°	2612.1	3940.4	6798.6	11456.7	15796.1	19472.3	22334.1	24737.1	27327.6	31050.1	36163.0
-7.5°	2462.6	3676.8	6126.6	10348.3	14770.4	18550.9	21573.6	23944.2	26237.7	29020.4	32830.4
-10°	2274.4	3327.3	5309.9	8880.0	13359.4	17259.8	20577.8	22950.4	25031.3	27114.9	29756.3
-12.5°	2046.4	2910.9	4314.0	7139.9	11521.6	15514.5	18931.2	21571.3	23646.5	25245.3	27006.9
-15°	1790.4	2523.8	3618.8	5834.1	9283.8	13293.7	16956.5	19783.8	21938.8	23644.4	24958.8
-17.5°	1573.6	2179.3	3024.2	4322.6	6850.0	10601.9	14175.3	17344.7	19834.9	21667.9	23129.8
-20°	1341.3	1805.0	2470.9	3411.8	5058.5	7493.3	10959.5	14166.1	17028.1	19114.4	20763.5



REPORT NUMBER: P559164 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	1162.0	1531.7	2027.1	2642.9	3609.8	5272.3	7431.5	10555.9	13358.0	15781.5	17648.0
-25°	1000.0	1253.0	1645.6	2140.3	2737.7	3596.4	4987.1	6761.2	9274.1	11677.0	13597.9
-27.5°	859.5	1066.7	1314.8	1683.0	2137.0	2613.8	3325.2	4177.8	5731.6	7085.6	8880.2
-30°	728.9	890.3	1087.7	1314.8	1634.8	1990.6	2391.7	2899.0	3501.7	4219.4	5182.4
-32.5°	634.2	742.4	889.2	1063.2	1240.0	1498.6	1742.6	2073.3	2370.5	2741.3	3140.1
-35°	553.4	633.2	726.9	855.5	988.5	1138.4	1296.4	1499.9	1679.1	1889.3	2087.0
-37.5°	508.9	548.4	614.4	691.3	793.2	891.0	999.1	1103.9	1193.3	1328.6	1434.4
-40°	479.1	500.2	535.5	578.3	645.4	705.1	783.5	850.5	913.5	980.2	1030.4
-42.5°	458.3	472.7	488.3	514.9	543.6	580.5	627.8	667.8	714.7	758.3	790.0
-45°	445.7	454.0	462.7	476.3	488.3	509.2	528.8	545.1	575.6	603.5	625.4
-47.5°	448.1	444.7	449.1	454.7	459.9	469.4	477.7	486.0	498.8	508.9	517.0
-50°	456.9	451.7	448.8	445.4	446.0	448.3	450.2	454.5	459.9	463.7	467.0
-52.5°	468.3	463.9	458.4	452.5	448.0	443.4	438.7	439.6	441.0	442.1	442.7
-55°	460.6	465.1	470.3	466.3	459.8	453.8	448.5	444.8	441.4	438.3	435.6
-57.5°	431.4	447.6	459.3	461.9	464.3	466.4	465.0	461.3	457.4	453.5	450.3
-60°	389.5	408.4	422.0	433.8	444.6	454.2	457.9	461.5	464.4	467.1	470.3
-62.5°	341.6	358.4	373.9	387.8	400.3	410.3	421.1	430.9	439.7	447.8	455.9
-65°	294.7	309.6	323.2	335.7	346.9	357.6	368.9	379.3	388.8	396.5	402.4
-67.5°	253.2	264.8	275.2	285.3	295.4	304.9	313.9	322.3	330.0	335.9	339.8
-70°	212.6	222.7	231.0	238.7	246.3	254.0	261.4	267.9	273.5	278.2	281.9
-72.5°	173.5	181.3	188.4	195.1	201.2	207.3	213.4	218.8	223.7	227.3	230.3
-75°	136.9	142.7	148.5	153.8	158.7	163.7	168.6	173.1	177.1	179.8	181.8
-77.5°	102.8	107.4	111.6	115.5	119.0	122.5	125.7	128.6	131.2	133.2	134.6
-80°	73.5	76.7	79.6	82.2	84.5	86.4	88.1	89.4	90.5	92.7	94.8
-82.5°	47.1	49.6	51.9	53.9	55.8	57.3	58.7	59.9	61.0	61.9	62.6
-85°	25.8	27.0	28.2	29.5	30.7	31.6	32.4	33.0	33.6	34.2	34.6
-87.5°	10.8	10.7	10.5	10.2	10.0	10.2	10.3	10.5	10.6	11.3	11.9
-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: P559164 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	12.5	13.1	13.2	13.2	13.2	13.1	12.5	11.9	11.3	10.6	10.5
85°	34.9	35.1	36.4	37.5	36.4	35.1	34.9	34.6	34.2	33.6	33.0
82.5°	63.2	63.6	63.8	63.9	63.8	63.6	63.2	62.6	61.9	61.0	59.9
80°	96.8	98.5	97.9	96.9	97.9	98.5	96.8	94.8	92.7	90.5	89.4
77.5°	135.5	135.9	135.3	134.4	135.3	135.9	135.5	134.6	133.2	131.2	128.6
75°	183.2	184.0	184.8	185.1	184.8	184.0	183.2	181.8	179.8	177.1	173.1
72.5°	232.6	234.3	234.3	233.5	234.3	234.3	232.6	230.3	227.3	223.7	218.8
70°	284.8	286.9	288.2	288.6	288.2	286.9	284.8	281.9	278.2	273.5	267.9
67.5°	342.5	344.0	345.4	345.9	345.4	344.0	342.5	339.8	335.9	330.0	322.3
65°	407.4	411.3	412.5	412.0	412.5	411.3	407.4	402.4	396.5	388.8	379.3
62.5°	463.5	470.2	473.0	473.7	473.0	470.2	463.5	455.9	447.8	439.7	430.9
60°	473.0	475.3	475.9	475.9	475.9	475.3	473.0	470.3	467.1	464.4	461.5
57.5°	447.4	444.8	443.3	442.8	443.3	444.8	447.4	450.3	453.5	457.4	461.3
55°	433.1	430.9	429.8	429.6	429.8	430.9	433.1	435.6	438.3	441.4	444.8
52.5°	442.8	442.5	443.4	445.1	443.4	442.5	442.8	442.7	442.1	441.0	439.6
50°	469.9	471.8	473.9	475.9	473.9	471.8	469.9	467.0	463.7	459.9	454.5
47.5°	522.8	525.9	527.7	528.8	527.7	525.9	522.8	517.0	508.9	498.8	486.0
45°	639.7	647.3	651.0	652.2	651.0	647.3	639.7	625.4	603.5	575.6	545.1
42.5°	811.0	822.5	827.4	828.4	827.4	822.5	811.0	790.0	758.3	714.7	667.8
40°	1066.4	1086.9	1096.7	1103.8	1096.7	1086.9	1066.4	1030.4	980.2	913.5	850.5
37.5°	1513.6	1565.1	1594.2	1619.4	1594.2	1565.1	1513.6	1434.4	1328.6	1193.3	1103.9
35°	2247.8	2365.5	2434.9	2450.0	2434.9	2365.5	2247.8	2087.0	1889.3	1679.1	1499.9
32.5°	3447.2	3678.2	3816.4	3833.6	3816.4	3678.2	3447.2	3140.1	2741.3	2370.5	2073.3
30°	5930.0	6577.4	7021.1	6960.0	7021.1	6577.4	5930.0	5182.4	4219.4	3501.7	2899.0
27.5°	10350.4	11524.4	12287.0	12223.5	12287.0	11524.4	10350.4	8880.2	7085.6	5731.6	4177.8
25°	15074.8	16155.4	16793.2	17028.8	16793.2	16155.4	15074.8	13597.9	11677.0	9274.1	6761.2
22.5°	18932.7	19898.8	20450.6	20780.9	20450.6	19898.8	18932.7	17648.0	15781.5	13358.0	10555.9
20°	21888.7	22726.6	23201.2	23404.9	23201.2	22726.6	21888.7	20763.5	19114.4	17028.1	14166.1
17.5°	24162.8	24864.2	25401.6	25539.9	25401.6	24864.2	24162.8	23129.8	21667.9	19834.9	17344.7
15°	26174.3	27080.3	27713.9	27950.2	27713.9	27080.3	26174.3	24958.8	23644.4	21938.8	19783.8
12.5°	28710.7	30286.1	31123.6	31316.7	31123.6	30286.1	28710.7	27006.9	25245.3	23646.5	21571.3
10°	32459.9	34881.4	35155.9	34780.2	35155.9	34881.4	32459.9	29756.3	27114.9	25031.3	22950.4
7.5°	37920.1	41148.9	40450.8	39288.0	40450.8	41148.9	37920.1	32830.4	29020.4	26237.7	23944.2
5°	41827.5	46310.4	46449.6	45595.9	46449.6	46310.4	41827.5	36163.0	31050.1	27327.6	24737.1
2.5°	43383.0	47997.8	50294.6	50671.0	50294.6	47997.8	43383.0	37528.2	32186.4	27971.7	25255.6
0°	43499.5	48541.6	51264.7	51941.2	51264.7	48541.6	43499.5	37778.8	32376.5	28155.1	25449.5
-2.5°	43383.0	47997.8	50294.6	50671.0	50294.6	47997.8	43383.0	37528.2	32186.4	27971.7	25255.6
-5°	41827.5	46310.4	46449.6	45595.9	46449.6	46310.4	41827.5	36163.0	31050.1	27327.6	24737.1
-7.5°	37920.1	41148.9	40450.8	39288.0	40450.8	41148.9	37920.1	32830.4	29020.4	26237.7	23944.2
-10°	32459.9	34881.4	35155.9	34780.2	35155.9	34881.4	32459.9	29756.3	27114.9	25031.3	22950.4
-12.5°	28710.7	30286.1	31123.6	31316.7	31123.6	30286.1	28710.7	27006.9	25245.3	23646.5	21571.3
-15°	26174.3	27080.3	27713.9	27950.2	27713.9	27080.3	26174.3	24958.8	23644.4	21938.8	19783.8
-17.5°	24162.8	24864.2	25401.6	25539.9	25401.6	24864.2	24162.8	23129.8	21667.9	19834.9	17344.7
-20°	21888.7	22726.6	23201.2	23404.9	23201.2	22726.6	21888.7	20763.5	19114.4	17028.1	14166.1



REPORT NUMBER: P559164 (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°	18932.7	19898.8	20450.6	20780.9	20450.6	19898.8	18932.7	17648.0	15781.5	13358.0	10555.9
-25°	15074.8	16155.4	16793.2	17028.8	16793.2	16155.4	15074.8	13597.9	11677.0	9274.1	6761.2
-27.5°	10350.4	11524.4	12287.0	12223.5	12287.0	11524.4	10350.4	8880.2	7085.6	5731.6	4177.8
-30°	5930.0	6577.4	7021.1	6960.0	7021.1	6577.4	5930.0	5182.4	4219.4	3501.7	2899.0
-32.5°	3447.2	3678.2	3816.4	3833.6	3816.4	3678.2	3447.2	3140.1	2741.3	2370.5	2073.3
-35°	2247.8	2365.5	2434.9	2450.0	2434.9	2365.5	2247.8	2087.0	1889.3	1679.1	1499.9
-37.5°	1513.6	1565.1	1594.2	1619.4	1594.2	1565.1	1513.6	1434.4	1328.6	1193.3	1103.9
-40°	1066.4	1086.9	1096.7	1103.8	1096.7	1086.9	1066.4	1030.4	980.2	913.5	850.5
-42.5°	811.0	822.5	827.4	828.4	827.4	822.5	811.0	790.0	758.3	714.7	667.8
-45°	639.7	647.3	651.0	652.2	651.0	647.3	639.7	625.4	603.5	575.6	545.1
-47.5°	522.8	525.9	527.7	528.8	527.7	525.9	522.8	517.0	508.9	498.8	486.0
-50°	469.9	471.8	473.9	475.9	473.9	471.8	469.9	467.0	463.7	459.9	454.5
-52.5°	442.8	442.5	443.4	445.1	443.4	442.5	442.8	442.7	442.1	441.0	439.6
-55°	433.1	430.9	429.8	429.6	429.8	430.9	433.1	435.6	438.3	441.4	444.8
-57.5°	447.4	444.8	443.3	442.8	443.3	444.8	447.4	450.3	453.5	457.4	461.3
-60°	473.0	475.3	475.9	475.9	475.9	475.3	473.0	470.3	467.1	464.4	461.5
-62.5°	463.5	470.2	473.0	473.7	473.0	470.2	463.5	455.9	447.8	439.7	430.9
-65°	407.4	411.3	412.5	412.0	412.5	411.3	407.4	402.4	396.5	388.8	379.3
-67.5°	342.5	344.0	345.4	345.9	345.4	344.0	342.5	339.8	335.9	330.0	322.3
-70°	284.8	286.9	288.2	288.6	288.2	286.9	284.8	281.9	278.2	273.5	267.9
-72.5°	232.6	234.3	234.3	233.5	234.3	234.3	232.6	230.3	227.3	223.7	218.8
-75°	183.2	184.0	184.8	185.1	184.8	184.0	183.2	181.8	179.8	177.1	173.1
-77.5°	135.5	135.9	135.3	134.4	135.3	135.9	135.5	134.6	133.2	131.2	128.6
-80°	96.8	98.5	97.9	96.9	97.9	98.5	96.8	94.8	92.7	90.5	89.4
-82.5°	63.2	63.6	63.8	63.9	63.8	63.6	63.2	62.6	61.9	61.0	59.9
-85°	34.9	35.1	36.4	37.5	36.4	35.1	34.9	34.6	34.2	33.6	33.0
-87.5°	12.5	13.1	13.2	13.2	13.2	13.1	12.5	11.9	11.3	10.6	10.5
-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: P559164 (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°	10.3	10.2	10.0	10.2	10.5	10.7	10.8	10.5	10.1	9.7	9.3
85°	32.4	31.6	30.7	29.5	28.2	27.0	25.8	24.8	23.7	22.6	21.4
82.5°	58.7	57.3	55.8	53.9	51.9	49.6	47.1	44.7	42.1	39.5	36.7
80°	88.1	86.4	84.5	82.2	79.6	76.7	73.5	69.9	66.0	62.1	58.4
77.5°	125.7	122.5	119.0	115.5	111.6	107.4	102.8	98.2	93.7	88.8	83.3
75°	168.6	163.7	158.7	153.8	148.5	142.7	136.9	130.9	124.5	117.7	110.2
72.5°	213.4	207.3	201.2	195.1	188.4	181.3	173.5	165.1	156.6	148.2	139.2
70°	261.4	254.0	246.3	238.7	231.0	222.7	212.6	201.4	189.6	178.6	168.1
67.5°	313.9	304.9	295.4	285.3	275.2	264.8	253.2	240.5	227.1	213.2	199.1
65°	368.9	357.6	346.9	335.7	323.2	309.6	294.7	280.1	265.3	249.5	232.8
62.5°	421.1	410.3	400.3	387.8	373.9	358.4	341.6	324.0	305.6	286.4	267.9
60°	457.9	454.2	444.6	433.8	422.0	408.4	389.5	369.6	348.6	326.8	304.2
57.5°	465.0	466.4	464.3	461.9	459.3	447.6	431.4	414.3	392.6	367.9	342.0
55°	448.5	453.8	459.8	466.3	470.3	465.1	460.6	449.9	430.3	409.4	381.5
52.5°	438.7	443.4	448.0	452.5	458.4	463.9	468.3	463.4	459.1	441.3	418.0
50°	450.2	448.3	446.0	445.4	448.8	451.7	456.9	463.0	465.7	460.7	447.6
47.5°	477.7	469.4	459.9	454.7	449.1	444.7	448.1	452.7	461.1	467.9	461.6
45°	528.8	509.2	488.3	476.3	462.7	454.0	445.7	447.0	452.8	460.9	469.2
42.5°	627.8	580.5	543.6	514.9	488.3	472.7	458.3	449.8	447.7	454.0	461.2
40°	783.5	705.1	645.4	578.3	535.5	500.2	479.1	461.1	452.1	449.4	453.6
37.5°	999.1	891.0	793.2	691.3	614.4	548.4	508.9	481.8	462.0	451.6	448.5
35°	1296.4	1138.4	988.5	855.5	726.9	633.2	553.4	509.9	480.4	459.3	447.4
32.5°	1742.6	1498.6	1240.0	1063.2	889.2	742.4	634.2	550.3	500.7	472.8	454.2
30°	2391.7	1990.6	1634.8	1314.8	1087.7	890.3	728.9	614.1	533.8	487.4	462.2
27.5°	3325.2	2613.8	2137.0	1683.0	1314.8	1066.7	859.5	687.8	573.3	511.4	474.7
25°	4987.1	3596.4	2737.7	2140.3	1645.6	1253.0	1000.0	793.6	636.6	536.5	485.9
22.5°	7431.5	5272.3	3609.8	2642.9	2027.1	1531.7	1162.0	903.9	696.4	573.6	505.9
20°	10959.5	7493.3	5058.5	3411.8	2470.9	1805.0	1341.3	1028.1	789.8	623.6	525.6
17.5°	14175.3	10601.9	6850.0	4322.6	3024.2	2179.3	1573.6	1147.4	870.1	668.0	543.0
15°	16956.5	13293.7	9283.8	5834.1	3618.8	2523.8	1790.4	1254.5	945.8	721.2	576.1
12.5°	18931.2	15514.5	11521.6	7139.9	4314.0	2910.9	2046.4	1426.3	1027.9	773.7	606.1
10°	20577.8	17259.8	13359.4	8880.0	5309.9	3327.3	2274.4	1570.5	1097.5	814.1	629.8
7.5°	21573.6	18550.9	14770.4	10348.3	6126.6	3676.8	2462.6	1678.3	1153.4	842.9	647.2
5°	22334.1	19472.3	15796.1	11456.7	6798.6	3940.4	2612.1	1750.5	1194.1	860.5	658.5
2.5°	22897.9	20000.8	16443.2	12126.4	7218.6	4113.0	2712.1	1801.9	1214.3	876.1	668.1
0°	22981.9	20172.8	16482.4	12247.8	7112.0	4192.7	2751.8	1833.1	1214.0	883.5	672.0
-2.5°	22897.9	20000.8	16443.2	12126.4	7218.6	4113.0	2712.1	1801.9	1214.3	876.1	668.1
-5°	22334.1	19472.3	15796.1	11456.7	6798.6	3940.4	2612.1	1750.5	1194.1	860.5	658.5
-7.5°	21573.6	18550.9	14770.4	10348.3	6126.6	3676.8	2462.6	1678.3	1153.4	842.9	647.2
-10°	20577.8	17259.8	13359.4	8880.0	5309.9	3327.3	2274.4	1570.5	1097.5	814.1	629.8
-12.5°	18931.2	15514.5	11521.6	7139.9	4314.0	2910.9	2046.4	1426.3	1027.9	773.7	606.1
-15°	16956.5	13293.7	9283.8	5834.1	3618.8	2523.8	1790.4	1254.5	945.8	721.2	576.1
-17.5°	14175.3	10601.9	6850.0	4322.6	3024.2	2179.3	1573.6	1147.4	870.1	668.0	543.0
-20°	10959.5	7493.3	5058.5	3411.8	2470.9	1805.0	1341.3	1028.1	789.8	623.6	525.6



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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°	7431.5	5272.3	3609.8	2642.9	2027.1	1531.7	1162.0	903.9	696.4	573.6	505.9
-25°	4987.1	3596.4	2737.7	2140.3	1645.6	1253.0	1000.0	793.6	636.6	536.5	485.9
-27.5°	3325.2	2613.8	2137.0	1683.0	1314.8	1066.7	859.5	687.8	573.3	511.4	474.7
-30°	2391.7	1990.6	1634.8	1314.8	1087.7	890.3	728.9	614.1	533.8	487.4	462.2
-32.5°	1742.6	1498.6	1240.0	1063.2	889.2	742.4	634.2	550.3	500.7	472.8	454.2
-35°	1296.4	1138.4	988.5	855.5	726.9	633.2	553.4	509.9	480.4	459.3	447.4
-37.5°	999.1	891.0	793.2	691.3	614.4	548.4	508.9	481.8	462.0	451.6	448.5
-40°	783.5	705.1	645.4	578.3	535.5	500.2	479.1	461.1	452.1	449.4	453.6
-42.5°	627.8	580.5	543.6	514.9	488.3	472.7	458.3	449.8	447.7	454.0	461.2
-45°	528.8	509.2	488.3	476.3	462.7	454.0	445.7	447.0	452.8	460.9	469.2
-47.5°	477.7	469.4	459.9	454.7	449.1	444.7	448.1	452.7	461.1	467.9	461.6
-50°	450.2	448.3	446.0	445.4	448.8	451.7	456.9	463.0	465.7	460.7	447.6
-52.5°	438.7	443.4	448.0	452.5	458.4	463.9	468.3	463.4	459.1	441.3	418.0
-55°	448.5	453.8	459.8	466.3	470.3	465.1	460.6	449.9	430.3	409.4	381.5
-57.5°	465.0	466.4	464.3	461.9	459.3	447.6	431.4	414.3	392.6	367.9	342.0
-60°	457.9	454.2	444.6	433.8	422.0	408.4	389.5	369.6	348.6	326.8	304.2
-62.5°	421.1	410.3	400.3	387.8	373.9	358.4	341.6	324.0	305.6	286.4	267.9
-65°	368.9	357.6	346.9	335.7	323.2	309.6	294.7	280.1	265.3	249.5	232.8
-67.5°	313.9	304.9	295.4	285.3	275.2	264.8	253.2	240.5	227.1	213.2	199.1
-70°	261.4	254.0	246.3	238.7	231.0	222.7	212.6	201.4	189.6	178.6	168.1
-72.5°	213.4	207.3	201.2	195.1	188.4	181.3	173.5	165.1	156.6	148.2	139.2
-75°	168.6	163.7	158.7	153.8	148.5	142.7	136.9	130.9	124.5	117.7	110.2
-77.5°	125.7	122.5	119.0	115.5	111.6	107.4	102.8	98.2	93.7	88.8	83.3
-80°	88.1	86.4	84.5	82.2	79.6	76.7	73.5	69.9	66.0	62.1	58.4
-82.5°	58.7	57.3	55.8	53.9	51.9	49.6	47.1	44.7	42.1	39.5	36.7
-85°	32.4	31.6	30.7	29.5	28.2	27.0	25.8	24.8	23.7	22.6	21.4
-87.5°	10.3	10.2	10.0	10.2	10.5	10.7	10.8	10.5	10.1	9.7	9.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559164 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.9	8.5	8.0	7.6	7.1	6.6	6.1	5.6	5.1	4.5	4.0
85°	20.3	19.2	17.9	16.4	14.8	13.2	12.2	11.1	10.1	9.0	7.9
82.5°	34.3	32.6	31.0	29.1	26.7	24.2	21.6	19.1	16.5	13.7	11.9
80°	54.7	51.0	47.2	43.5	39.3	35.1	31.8	28.4	25.1	21.6	17.9
77.5°	77.2	71.1	64.9	59.6	54.0	48.6	43.2	38.0	33.7	29.5	24.9
75°	101.7	93.9	86.2	78.2	70.0	61.9	55.3	48.9	43.0	37.3	32.0
72.5°	129.3	119.1	108.5	97.6	87.8	78.1	68.4	59.6	52.6	45.7	39.0
70°	157.0	145.2	133.1	120.4	107.2	94.2	83.0	72.4	62.0	53.9	46.0
67.5°	184.8	171.9	158.2	143.3	128.4	113.3	98.0	85.6	73.9	62.0	53.0
65°	216.5	200.0	183.4	167.2	150.1	132.7	115.8	99.5	85.6	72.4	59.8
62.5°	248.7	229.3	210.5	191.2	172.4	153.1	133.4	115.7	97.7	82.6	68.1
60°	281.7	260.1	237.6	216.0	194.7	173.6	152.2	131.6	112.0	92.7	76.8
57.5°	316.7	291.2	266.3	241.1	217.0	194.0	170.7	147.8	126.0	104.6	85.5
55°	352.1	323.6	295.0	267.4	239.7	213.8	188.8	163.8	139.7	116.7	93.9
52.5°	389.6	356.4	324.4	293.6	263.6	233.8	206.9	179.2	153.4	128.5	104.0
50°	421.9	390.1	354.0	319.9	287.0	255.5	224.6	195.4	166.6	140.0	113.9
47.5°	448.6	418.6	384.0	345.9	310.4	276.6	243.4	211.3	179.1	151.0	123.4
45°	459.9	443.1	410.4	372.3	333.3	297.5	262.0	226.9	193.1	161.6	132.4
42.5°	466.5	455.8	432.7	397.3	357.1	318.0	280.0	243.0	206.7	171.8	141.2
40°	460.2	462.0	450.2	418.3	380.5	337.6	297.8	258.5	219.9	182.3	149.8
37.5°	452.7	460.6	455.8	438.6	402.0	358.3	314.8	273.3	232.6	193.4	158.0
35°	448.1	453.8	461.9	450.4	419.8	378.0	331.0	287.6	245.0	203.8	165.8
32.5°	444.1	448.4	457.4	455.6	436.4	396.9	347.4	301.2	256.7	213.6	173.2
30°	447.6	445.2	452.2	460.2	448.6	411.4	363.4	314.0	267.6	222.7	180.4
27.5°	452.8	441.8	447.7	458.1	452.5	424.5	378.0	325.8	277.8	231.3	187.7
25°	458.9	444.0	444.7	453.9	456.0	436.4	391.3	336.8	287.4	239.5	194.5
22.5°	468.4	447.6	441.7	449.9	459.2	447.4	402.2	347.7	296.2	247.0	200.6
20°	476.8	450.5	438.7	446.2	458.6	450.1	411.1	357.5	304.2	253.8	206.0
17.5°	485.6	455.1	440.5	443.7	455.5	452.5	419.2	366.1	311.2	259.7	210.8
15°	499.9	461.3	442.6	441.6	452.5	454.6	426.4	373.5	317.4	264.9	215.0
12.5°	512.1	466.5	444.3	439.8	449.7	456.4	432.6	379.7	322.6	269.2	218.6
10°	522.0	470.6	445.3	438.3	447.2	457.9	437.7	385.2	327.2	272.6	221.6
7.5°	529.6	473.6	445.9	437.2	445.0	459.0	442.5	390.8	331.1	275.1	223.9
5°	535.1	476.9	447.5	436.6	443.8	459.9	446.1	395.4	334.1	276.8	225.6
2.5°	539.8	481.3	449.8	436.3	443.0	460.4	448.4	398.8	336.1	277.6	226.6
0°	542.0	484.7	451.7	436.2	442.8	460.5	449.5	401.0	337.1	277.6	226.9
-2.5°	539.8	481.3	449.8	436.3	443.0	460.4	448.4	398.8	336.1	277.6	226.6
-5°	535.1	476.9	447.5	436.6	443.8	459.9	446.1	395.4	334.1	276.8	225.6
-7.5°	529.6	473.6	445.9	437.2	445.0	459.0	442.5	390.8	331.1	275.1	223.9
-10°	522.0	470.6	445.3	438.3	447.2	457.9	437.7	385.2	327.2	272.6	221.6
-12.5°	512.1	466.5	444.3	439.8	449.7	456.4	432.6	379.7	322.6	269.2	218.6
-15°	499.9	461.3	442.6	441.6	452.5	454.6	426.4	373.5	317.4	264.9	215.0
-17.5°	485.6	455.1	440.5	443.7	455.5	452.5	419.2	366.1	311.2	259.7	210.8
-20°	476.8	450.5	438.7	446.2	458.6	450.1	411.1	357.5	304.2	253.8	206.0



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	468.4	447.6	441.7	449.9	459.2	447.4	402.2	347.7	296.2	247.0	200.6
-25°	458.9	444.0	444.7	453.9	456.0	436.4	391.3	336.8	287.4	239.5	194.5
-27.5°	452.8	441.8	447.7	458.1	452.5	424.5	378.0	325.8	277.8	231.3	187.7
-30°	447.6	445.2	452.2	460.2	448.6	411.4	363.4	314.0	267.6	222.7	180.4
-32.5°	444.1	448.4	457.4	455.6	436.4	396.9	347.4	301.2	256.7	213.6	173.2
-35°	448.1	453.8	461.9	450.4	419.8	378.0	331.0	287.6	245.0	203.8	165.8
-37.5°	452.7	460.6	455.8	438.6	402.0	358.3	314.8	273.3	232.6	193.4	158.0
-40°	460.2	462.0	450.2	418.3	380.5	337.6	297.8	258.5	219.9	182.3	149.8
-42.5°	466.5	455.8	432.7	397.3	357.1	318.0	280.0	243.0	206.7	171.8	141.2
-45°	459.9	443.1	410.4	372.3	333.3	297.5	262.0	226.9	193.1	161.6	132.4
-47.5°	448.6	418.6	384.0	345.9	310.4	276.6	243.4	211.3	179.1	151.0	123.4
-50°	421.9	390.1	354.0	319.9	287.0	255.5	224.6	195.4	166.6	140.0	113.9
-52.5°	389.6	356.4	324.4	293.6	263.6	233.8	206.9	179.2	153.4	128.5	104.0
-55°	352.1	323.6	295.0	267.4	239.7	213.8	188.8	163.8	139.7	116.7	93.9
-57.5°	316.7	291.2	266.3	241.1	217.0	194.0	170.7	147.8	126.0	104.6	85.5
-60°	281.7	260.1	237.6	216.0	194.7	173.6	152.2	131.6	112.0	92.7	76.8
-62.5°	248.7	229.3	210.5	191.2	172.4	153.1	133.4	115.7	97.7	82.6	68.1
-65°	216.5	200.0	183.4	167.2	150.1	132.7	115.8	99.5	85.6	72.4	59.8
-67.5°	184.8	171.9	158.2	143.3	128.4	113.3	98.0	85.6	73.9	62.0	53.0
-70°	157.0	145.2	133.1	120.4	107.2	94.2	83.0	72.4	62.0	53.9	46.0
-72.5°	129.3	119.1	108.5	97.6	87.8	78.1	68.4	59.6	52.6	45.7	39.0
-75°	101.7	93.9	86.2	78.2	70.0	61.9	55.3	48.9	43.0	37.3	32.0
-77.5°	77.2	71.1	64.9	59.6	54.0	48.6	43.2	38.0	33.7	29.5	24.9
-80°	54.7	51.0	47.2	43.5	39.3	35.1	31.8	28.4	25.1	21.6	17.9
-82.5°	34.3	32.6	31.0	29.1	26.7	24.2	21.6	19.1	16.5	13.7	11.9
-85°	20.3	19.2	17.9	16.4	14.8	13.2	12.2	11.1	10.1	9.0	7.9
-87.5°	8.9	8.5	8.0	7.6	7.1	6.6	6.1	5.6	5.1	4.5	4.0
-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°	3.4	2.9	2.3	1.7	1.2	0.6	0.0
85°	6.8	5.7	4.6	3.4	2.3	1.2	0.0
82.5°	10.2	8.5	6.9	5.2	3.4	1.7	0.0
80°	13.9	11.4	9.1	6.9	4.6	2.3	0.0
77.5°	20.1	15.0	11.4	8.5	5.7	2.9	0.0
75°	26.2	19.9	13.9	10.2	6.8	3.4	0.0
72.5°	32.2	24.8	17.8	11.9	7.9	4.0	0.0
70°	38.1	29.7	21.6	13.7	9.0	4.5	0.0
67.5°	44.0	34.4	25.3	16.5	10.1	5.1	0.0
65°	49.9	39.3	28.9	19.2	11.1	5.6	0.0
62.5°	55.7	44.3	32.5	21.8	12.2	6.1	0.0
60°	61.5	49.2	35.9	24.3	13.2	6.6	0.0
57.5°	68.7	54.1	39.9	26.8	14.9	7.1	0.0
55°	76.0	58.9	43.8	29.2	16.5	7.6	0.0
52.5°	83.0	63.7	47.6	31.6	18.1	8.0	0.0
50°	89.9	69.4	51.3	33.8	19.6	8.5	0.0
47.5°	96.7	74.9	55.0	36.1	21.1	8.9	0.0
45°	104.4	80.2	58.5	38.7	22.6	9.3	0.0
42.5°	111.7	85.3	61.9	41.3	24.0	9.7	0.0
40°	118.6	90.2	65.5	43.8	25.4	10.1	0.0
37.5°	125.1	94.8	69.2	46.1	26.7	10.5	0.0
35°	131.2	99.7	72.7	48.3	27.9	10.8	0.0
32.5°	137.0	104.4	76.0	50.4	29.1	11.1	0.0
30°	142.9	108.8	79.1	52.2	30.2	11.4	0.0
27.5°	148.3	112.9	81.7	53.9	31.2	11.7	0.0
25°	153.4	116.6	84.1	55.5	32.2	12.0	0.0
22.5°	158.0	119.9	86.3	56.8	33.1	12.2	0.0
20°	162.2	122.6	88.2	58.0	33.9	12.4	0.0
17.5°	165.9	125.1	89.9	59.0	34.6	12.6	0.0
15°	169.2	127.2	91.3	59.9	35.3	12.7	0.0
12.5°	172.0	128.9	92.5	60.6	35.9	12.9	0.0
10°	174.3	130.3	93.4	61.1	36.4	13.0	0.0
7.5°	176.1	131.3	94.1	61.5	36.8	13.1	0.0
5°	177.4	132.0	94.6	61.7	37.1	13.1	0.0
2.5°	178.2	132.3	94.8	61.8	37.4	13.2	0.0
0°	178.5	132.2	94.7	61.7	37.5	13.2	0.0
-2.5°	178.2	132.3	94.8	61.8	37.4	13.2	0.0
-5°	177.4	132.0	94.6	61.7	37.1	13.1	0.0
-7.5°	176.1	131.3	94.1	61.5	36.8	13.1	0.0
-10°	174.3	130.3	93.4	61.1	36.4	13.0	0.0
-12.5°	172.0	128.9	92.5	60.6	35.9	12.9	0.0
-15°	169.2	127.2	91.3	59.9	35.3	12.7	0.0
-17.5°	165.9	125.1	89.9	59.0	34.6	12.6	0.0
-20°	162.2	122.6	88.2	58.0	33.9	12.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	158.0	119.9	86.3	56.8	33.1	12.2	0.0
-25°	153.4	116.6	84.1	55.5	32.2	12.0	0.0
-27.5°	148.3	112.9	81.7	53.9	31.2	11.7	0.0
-30°	142.9	108.8	79.1	52.2	30.2	11.4	0.0
-32.5°	137.0	104.4	76.0	50.4	29.1	11.1	0.0
-35°	131.2	99.7	72.7	48.3	27.9	10.8	0.0
-37.5°	125.1	94.8	69.2	46.1	26.7	10.5	0.0
-40°	118.6	90.2	65.5	43.8	25.4	10.1	0.0
-42.5°	111.7	85.3	61.9	41.3	24.0	9.7	0.0
-45°	104.4	80.2	58.5	38.7	22.6	9.3	0.0
-47.5°	96.7	74.9	55.0	36.1	21.1	8.9	0.0
-50°	89.9	69.4	51.3	33.8	19.6	8.5	0.0
-52.5°	83.0	63.7	47.6	31.6	18.1	8.0	0.0
-55°	76.0	58.9	43.8	29.2	16.5	7.6	0.0
-57.5°	68.7	54.1	39.9	26.8	14.9	7.1	0.0
-60°	61.5	49.2	35.9	24.3	13.2	6.6	0.0
-62.5°	55.7	44.3	32.5	21.8	12.2	6.1	0.0
-65°	49.9	39.3	28.9	19.2	11.1	5.6	0.0
-67.5°	44.0	34.4	25.3	16.5	10.1	5.1	0.0
-70°	38.1	29.7	21.6	13.7	9.0	4.5	0.0
-72.5°	32.2	24.8	17.8	11.9	7.9	4.0	0.0
-75°	26.2	19.9	13.9	10.2	6.8	3.4	0.0
-77.5°	20.1	15.0	11.4	8.5	5.7	2.9	0.0
-80°	13.9	11.4	9.1	6.9	4.6	2.3	0.0
-82.5°	10.2	8.5	6.9	5.2	3.4	1.7	0.0
-85°	6.8	5.7	4.6	3.4	2.3	1.2	0.0
-87.5°	3.4	2.9	2.3	1.7	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)