

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: P558724 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-930-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558724 (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-SA2E-930-U-MR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (32) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

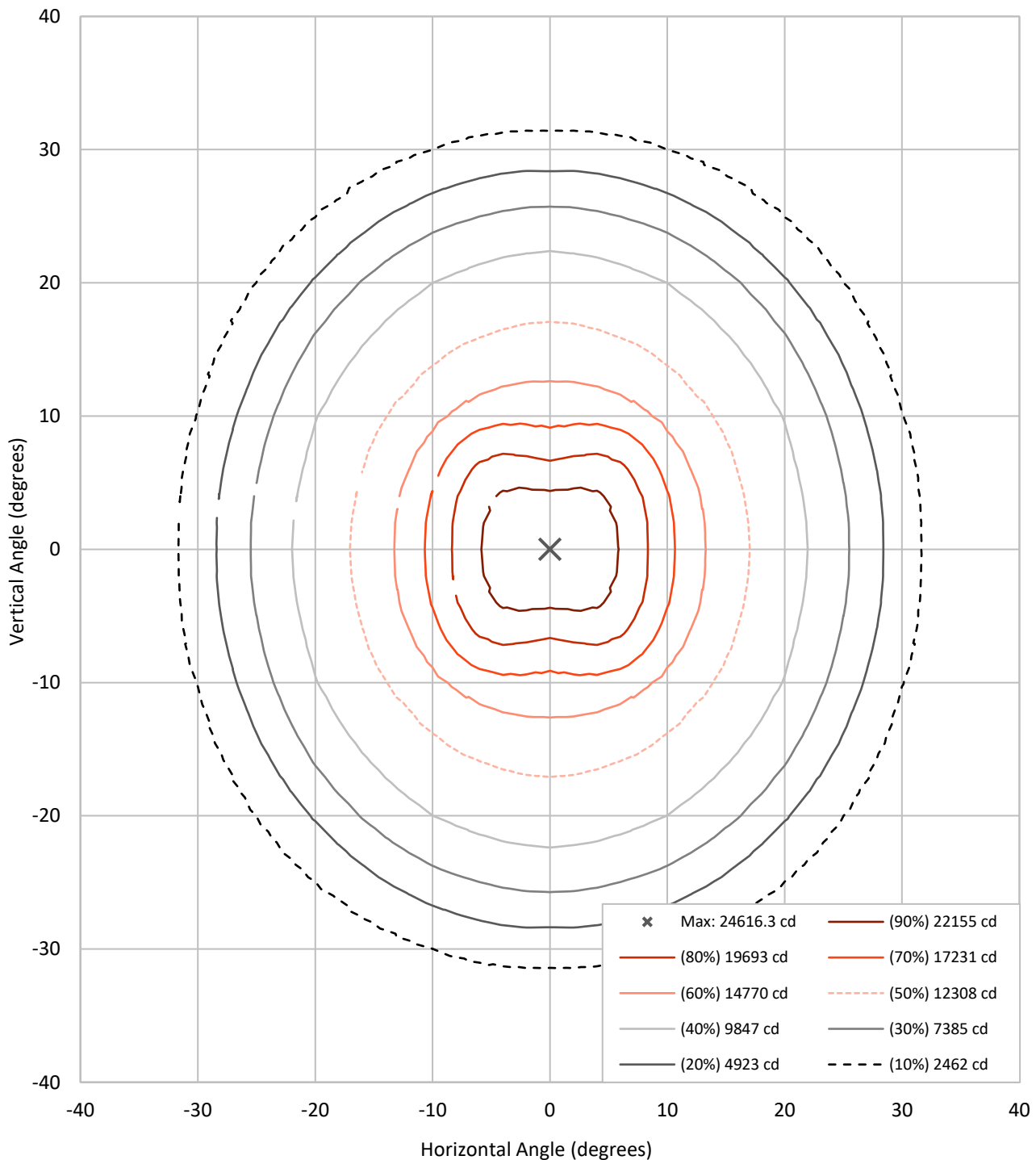
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	10889.6 lumens	Max Intensity:	24616.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	85.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	4638.3 lumens	Field Lumens:	9479.7 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 127
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



REPORT NUMBER: P558724 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





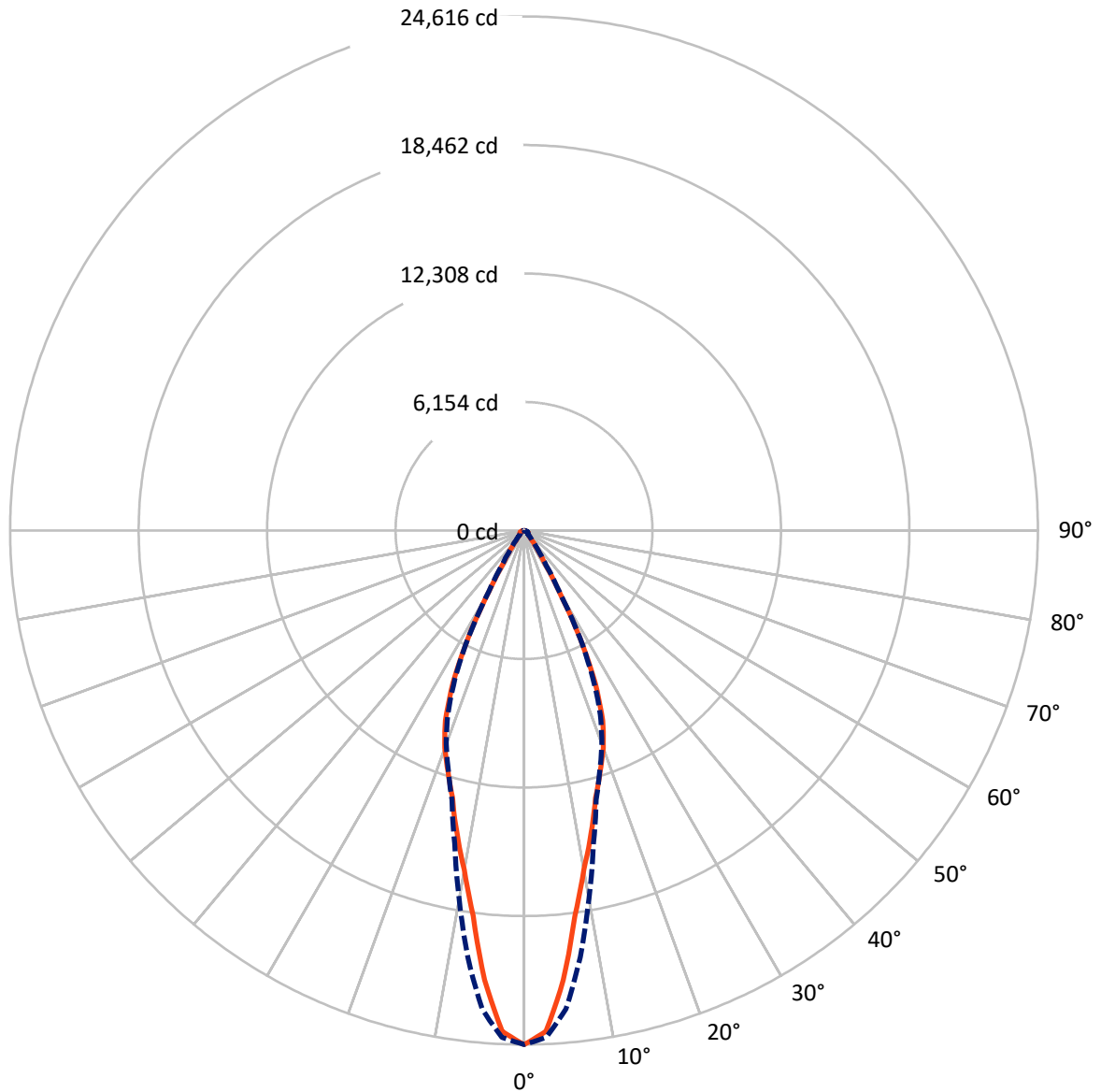
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Lumen Table

90	0.1	1.2		3.4		5.6		6.5		5.6		3.4		1.2		0.1			
80	0.1	1.2		3.4		5.6		6.5		5.6		3.4		1.2		0.1			
70	0.6	0.6	1.4	2.4	3.5	4.5	5.3	5.8	5.8	5.3	4.5	3.5	2.4	1.4	0.6	0.6			
60		1.0	2.2	3.9	5.2	5.9	6.3	6.4	6.4	6.3	5.9	5.2	3.9	2.2	1.0				
50	1.0	1.4	3.1	4.6	5.4	6.7	8.6	9.9	9.9	8.6	6.7	5.4	4.6	3.1	1.4	1.0			
40		1.8	3.6	4.7	7.0	13.9	26.4	40.3	40.3	26.4	13.9	7.0	4.7	3.6	1.8				
30	1.4	2.1	3.7	5.2	12.8	42.4	133.3	219.4	219.4	133.3	42.4	12.8	5.2	3.7	2.1	1.4			
20		2.3	3.7	6.4	23.8	125.6	296.8	393.1	393.1	296.8	125.6	23.8	6.4	3.7	2.3				
10	1.5	2.4	3.7	7.4	36.2	197.8	386.0	609.1	609.1	386.0	197.8	36.2	7.4	3.7	2.4	1.5			
0		2.4	3.7	7.4	36.2	197.8	386.0	609.1	609.1	386.0	197.8	36.2	7.4	3.7	2.4				
-10	1.4	2.3	3.7	6.4	23.8	125.6	296.8	393.1	393.1	296.8	125.6	23.8	6.4	3.7	2.3	1.4			
-20		2.1	3.7	5.2	12.8	42.4	133.3	219.4	219.4	133.3	42.4	12.8	5.2	3.7	2.1				
-30	1.0	1.8	3.6	4.7	7.0	13.9	26.4	40.3	40.3	26.4	13.9	7.0	4.7	3.6	1.8	1.0			
-40		1.4	3.1	4.6	5.4	6.7	8.6	9.9	9.9	8.6	6.7	5.4	4.6	3.1	1.4				
-50	0.6	1.0	2.2	3.9	5.2	5.9	6.3	6.4	6.4	6.3	5.9	5.2	3.9	2.2	1.0	0.6			
-60		0.6	1.4	2.4	3.5	4.5	5.3	5.8	5.8	5.3	4.5	3.5	2.4	1.4	0.6				
-70	0.1	1.2		3.4		5.6		6.5		5.6		3.4		1.2		0.1			
-80		1.2		3.4		5.6		6.5		5.6		3.4		1.2					
-90	0.1	1.2		3.4		5.6		6.5		5.6		3.4		1.2		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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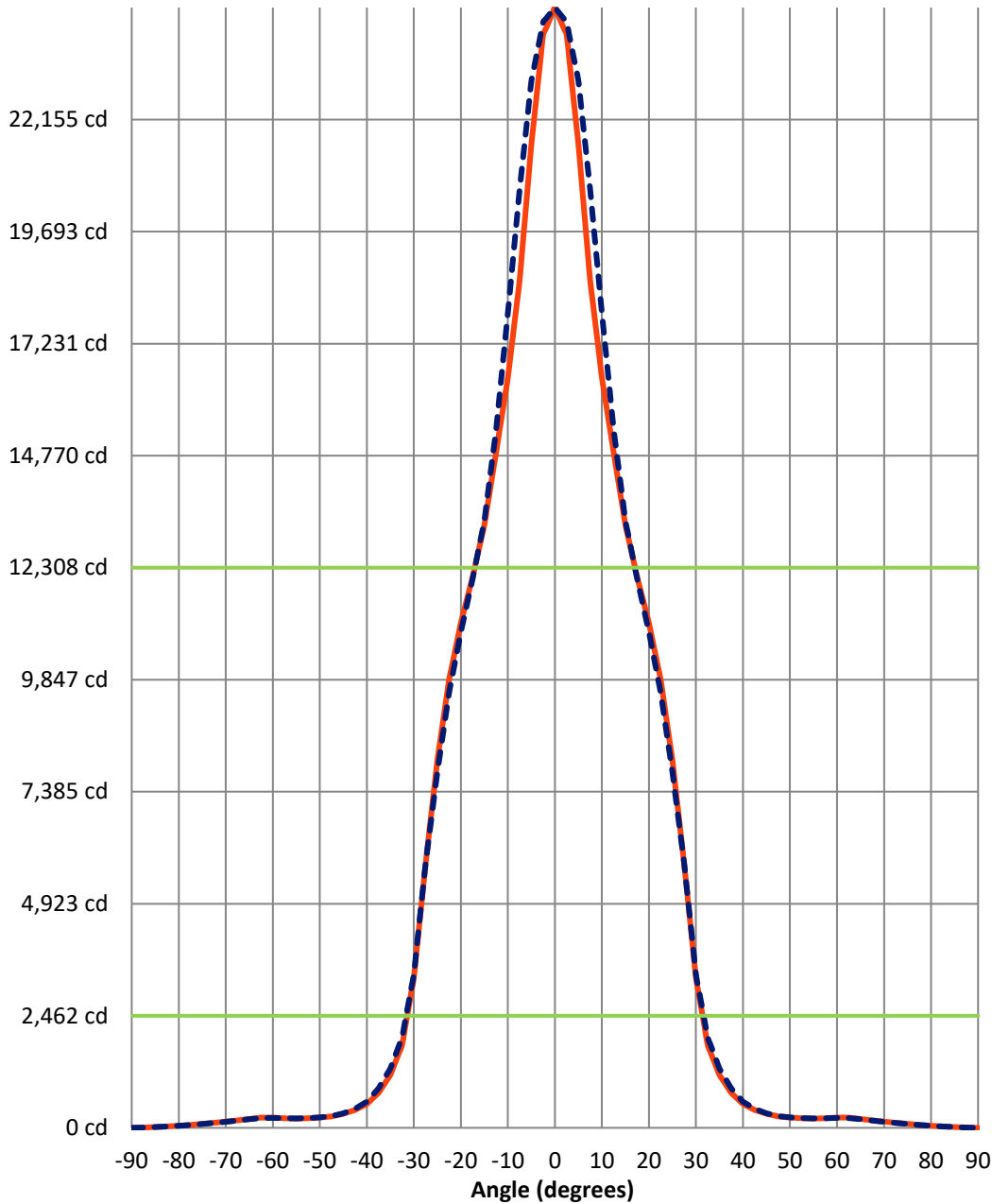
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 34°
 V Angle: 34.1°
 Lumens: 4638.3
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 9479.7
 Efficiency: 87.1%

Spill:
 Lumens: 1409.9
 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	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.4	2.7
85°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.3	4.8	5.3
82.5°	0.0	0.8	1.6	2.5	3.3	4.1	4.9	5.7	6.6	7.9	9.1
80°	0.0	1.1	2.2	3.3	4.4	5.4	6.6	8.5	10.3	11.9	13.4
77.5°	0.0	1.4	2.7	4.1	5.4	7.1	9.6	11.9	14.0	16.0	18.0
75°	0.0	1.6	3.3	4.9	6.6	9.5	12.4	15.2	17.7	20.4	23.1
72.5°	0.0	1.9	3.8	5.7	8.5	11.8	15.3	18.5	21.6	24.9	28.2
70°	0.0	2.2	4.3	6.5	10.2	14.1	18.1	21.8	25.5	29.3	34.3
67.5°	0.0	2.4	4.8	7.8	12.0	16.3	20.9	25.1	29.3	35.0	40.5
65°	0.0	2.7	5.3	9.1	13.7	18.6	23.6	28.3	34.3	40.5	47.2
62.5°	0.0	2.9	5.8	10.3	15.4	21.0	26.4	32.2	39.2	46.3	54.8
60°	0.0	3.1	6.3	11.5	17.0	23.3	29.1	36.4	43.9	53.1	62.3
57.5°	0.0	3.4	7.1	12.7	18.9	25.6	32.5	40.5	49.6	59.7	70.0
55°	0.0	3.6	7.8	13.9	20.7	27.9	36.0	44.5	55.3	66.2	77.6
52.5°	0.0	3.8	8.6	14.9	22.6	30.2	39.3	49.3	60.9	72.7	84.9
50°	0.0	4.0	9.3	16.0	24.3	32.9	42.6	54.0	66.3	78.9	92.6
47.5°	0.0	4.3	10.0	17.1	26.0	35.5	45.8	58.5	71.5	84.9	100.2
45°	0.0	4.5	10.7	18.3	27.7	38.0	49.5	62.7	76.6	91.5	107.6
42.5°	0.0	4.6	11.4	19.5	29.3	40.4	52.9	66.9	81.4	98.0	115.2
40°	0.0	4.8	12.0	20.7	31.0	42.7	56.2	71.0	86.4	104.2	122.6
37.5°	0.0	5.0	12.6	21.9	32.8	44.9	59.3	74.9	91.7	110.3	129.6
35°	0.0	5.2	13.2	22.9	34.4	47.2	62.1	78.6	96.6	116.1	136.4
32.5°	0.0	5.3	13.8	23.9	36.0	49.5	64.9	82.1	101.2	121.7	142.8
30°	0.0	5.5	14.3	24.8	37.5	51.6	67.7	85.5	105.5	126.9	148.8
27.5°	0.0	5.6	14.8	25.6	38.7	53.5	70.3	89.0	109.6	131.7	154.4
25°	0.0	5.7	15.3	26.3	39.8	55.2	72.7	92.2	113.5	136.2	159.6
22.5°	0.0	5.8	15.7	26.9	40.9	56.8	74.9	95.0	117.1	140.4	164.8
20°	0.0	5.9	16.1	27.5	41.8	58.1	76.9	97.6	120.3	144.2	169.4
17.5°	0.0	6.0	16.4	28.0	42.6	59.3	78.6	99.9	123.1	147.5	173.5
15°	0.0	6.1	16.7	28.4	43.3	60.3	80.2	101.9	125.5	150.4	177.0
12.5°	0.0	6.2	17.0	28.7	43.8	61.1	81.5	103.6	127.6	152.9	179.9
10°	0.0	6.2	17.3	28.9	44.3	61.8	82.6	105.0	129.2	155.1	182.5
7.5°	0.0	6.2	17.5	29.1	44.6	62.3	83.5	106.1	130.4	156.9	185.2
5°	0.0	6.3	17.6	29.2	44.8	62.6	84.1	106.9	131.2	158.4	187.4
2.5°	0.0	6.3	17.7	29.2	44.9	62.7	84.5	107.3	131.6	159.3	189.0
0°	0.0	6.3	17.8	29.2	44.9	62.7	84.6	107.5	131.6	159.8	190.0
-2.5°	0.0	6.3	17.7	29.2	44.9	62.7	84.5	107.3	131.6	159.3	189.0
-5°	0.0	6.3	17.6	29.2	44.8	62.6	84.1	106.9	131.2	158.4	187.4
-7.5°	0.0	6.2	17.5	29.1	44.6	62.3	83.5	106.1	130.4	156.9	185.2
-10°	0.0	6.2	17.3	28.9	44.3	61.8	82.6	105.0	129.2	155.1	182.5
-12.5°	0.0	6.2	17.0	28.7	43.8	61.1	81.5	103.6	127.6	152.9	179.9
-15°	0.0	6.1	16.7	28.4	43.3	60.3	80.2	101.9	125.5	150.4	177.0
-17.5°	0.0	6.0	16.4	28.0	42.6	59.3	78.6	99.9	123.1	147.5	173.5
-20°	0.0	5.9	16.1	27.5	41.8	58.1	76.9	97.6	120.3	144.2	169.4



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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	5.8	15.7	26.9	40.9	56.8	74.9	95.0	117.1	140.4	164.8
-25°	0.0	5.7	15.3	26.3	39.8	55.2	72.7	92.2	113.5	136.2	159.6
-27.5°	0.0	5.6	14.8	25.6	38.7	53.5	70.3	89.0	109.6	131.7	154.4
-30°	0.0	5.5	14.3	24.8	37.5	51.6	67.7	85.5	105.5	126.9	148.8
-32.5°	0.0	5.3	13.8	23.9	36.0	49.5	64.9	82.1	101.2	121.7	142.8
-35°	0.0	5.2	13.2	22.9	34.4	47.2	62.1	78.6	96.6	116.1	136.4
-37.5°	0.0	5.0	12.6	21.9	32.8	44.9	59.3	74.9	91.7	110.3	129.6
-40°	0.0	4.8	12.0	20.7	31.0	42.7	56.2	71.0	86.4	104.2	122.6
-42.5°	0.0	4.6	11.4	19.5	29.3	40.4	52.9	66.9	81.4	98.0	115.2
-45°	0.0	4.5	10.7	18.3	27.7	38.0	49.5	62.7	76.6	91.5	107.6
-47.5°	0.0	4.3	10.0	17.1	26.0	35.5	45.8	58.5	71.5	84.9	100.2
-50°	0.0	4.0	9.3	16.0	24.3	32.9	42.6	54.0	66.3	78.9	92.6
-52.5°	0.0	3.8	8.6	14.9	22.6	30.2	39.3	49.3	60.9	72.7	84.9
-55°	0.0	3.6	7.8	13.9	20.7	27.9	36.0	44.5	55.3	66.2	77.6
-57.5°	0.0	3.4	7.1	12.7	18.9	25.6	32.5	40.5	49.6	59.7	70.0
-60°	0.0	3.1	6.3	11.5	17.0	23.3	29.1	36.4	43.9	53.1	62.3
-62.5°	0.0	2.9	5.8	10.3	15.4	21.0	26.4	32.2	39.2	46.3	54.8
-65°	0.0	2.7	5.3	9.1	13.7	18.6	23.6	28.3	34.3	40.5	47.2
-67.5°	0.0	2.4	4.8	7.8	12.0	16.3	20.9	25.1	29.3	35.0	40.5
-70°	0.0	2.2	4.3	6.5	10.2	14.1	18.1	21.8	25.5	29.3	34.3
-72.5°	0.0	1.9	3.8	5.7	8.5	11.8	15.3	18.5	21.6	24.9	28.2
-75°	0.0	1.6	3.3	4.9	6.6	9.5	12.4	15.2	17.7	20.4	23.1
-77.5°	0.0	1.4	2.7	4.1	5.4	7.1	9.6	11.9	14.0	16.0	18.0
-80°	0.0	1.1	2.2	3.3	4.4	5.4	6.6	8.5	10.3	11.9	13.4
-82.5°	0.0	0.8	1.6	2.5	3.3	4.1	4.9	5.7	6.6	7.9	9.1
-85°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.3	4.8	5.3
-87.5°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.4	2.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.9	3.1	3.4	3.6	3.8	4.0	4.3	4.5	4.6	4.8	5.0
85°	5.8	6.3	7.1	7.8	8.5	9.1	9.7	10.2	10.8	11.3	11.8
82.5°	10.3	11.5	12.6	13.8	14.7	15.5	16.3	17.4	18.8	20.0	21.2
80°	15.0	16.6	18.6	20.6	22.4	24.2	25.9	27.7	29.5	31.3	33.1
77.5°	20.4	23.0	25.6	28.2	30.8	33.7	36.6	39.5	42.1	44.4	46.6
75°	26.2	29.3	33.2	37.1	40.9	44.5	48.2	52.2	55.8	59.0	62.0
72.5°	32.4	37.0	41.6	46.3	51.5	56.5	61.3	66.0	70.3	74.2	78.2
70°	39.3	44.6	50.8	57.1	63.1	68.8	74.4	79.7	84.6	89.9	95.5
67.5°	46.5	53.7	60.8	67.9	74.9	81.4	87.6	94.4	101.1	107.7	114.0
65°	54.9	62.9	71.1	79.2	86.9	94.8	102.6	110.4	118.2	125.8	132.8
62.5°	63.2	72.5	81.7	90.6	99.8	108.7	117.9	127.0	135.7	144.9	153.6
60°	72.1	82.3	92.3	102.4	112.6	123.3	133.5	144.2	154.9	165.2	175.2
57.5°	80.9	91.9	102.9	114.3	126.2	138.0	150.1	162.1	174.4	186.1	196.3
55°	89.5	101.3	113.6	126.7	139.8	153.4	166.9	180.8	194.0	203.9	213.2
52.5°	98.1	110.8	125.0	139.1	153.7	168.9	184.7	198.1	209.1	217.6	219.6
50°	106.5	121.1	136.0	151.6	167.8	184.9	200.0	212.1	218.3	220.7	219.5
47.5°	115.4	131.1	147.1	163.9	182.0	198.4	212.5	218.7	221.7	218.5	214.6
45°	124.2	141.1	158.0	176.5	194.5	210.0	218.0	222.4	218.4	214.6	211.9
42.5°	132.7	150.7	169.3	188.3	205.1	216.0	221.1	218.5	215.1	212.2	213.2
40°	141.2	160.0	180.4	198.3	213.4	218.9	218.1	214.9	213.0	214.3	218.5
37.5°	149.2	169.8	190.6	207.9	216.0	218.3	214.5	212.5	214.0	219.0	228.3
35°	156.9	179.2	199.0	213.5	218.9	215.1	212.4	212.1	217.7	227.7	241.6
32.5°	164.7	188.1	206.8	215.9	216.8	212.5	210.5	215.3	224.1	237.3	260.8
30°	172.2	195.0	212.6	218.1	214.3	211.0	212.2	219.1	231.0	253.0	291.0
27.5°	179.1	201.2	214.4	217.1	212.2	209.4	214.6	225.0	242.4	271.7	326.0
25°	185.4	206.8	216.1	215.1	210.8	210.5	217.5	230.3	254.2	301.7	376.1
22.5°	190.6	212.0	217.6	213.2	209.3	212.2	222.0	239.8	271.8	330.1	428.4
20°	194.8	213.3	217.3	211.5	207.9	213.5	226.0	249.1	295.5	374.3	487.2
17.5°	198.7	214.4	215.9	210.3	208.8	215.7	230.2	257.3	316.6	412.4	543.7
15°	202.1	215.4	214.5	209.3	209.8	218.7	236.9	273.0	341.8	448.2	594.5
12.5°	205.0	216.3	213.2	208.4	210.6	221.1	242.7	287.2	366.7	487.1	675.9
10°	207.5	217.0	212.0	207.7	211.1	223.0	247.4	298.5	385.8	520.1	744.3
7.5°	209.7	217.5	210.9	207.2	211.3	224.5	251.0	306.7	399.5	546.6	795.4
5°	211.4	217.9	210.4	206.9	212.1	226.0	253.6	312.0	407.8	565.9	829.6
2.5°	212.5	218.1	210.0	206.7	213.2	228.1	255.8	316.6	415.2	575.4	853.9
0°	213.0	218.2	209.9	206.7	214.1	229.7	256.9	318.5	418.7	575.3	868.7
-2.5°	212.5	218.1	210.0	206.7	213.2	228.1	255.8	316.6	415.2	575.4	853.9
-5°	211.4	217.9	210.4	206.9	212.1	226.0	253.6	312.0	407.8	565.9	829.6
-7.5°	209.7	217.5	210.9	207.2	211.3	224.5	251.0	306.7	399.5	546.6	795.4
-10°	207.5	217.0	212.0	207.7	211.1	223.0	247.4	298.5	385.8	520.1	744.3
-12.5°	205.0	216.3	213.2	208.4	210.6	221.1	242.7	287.2	366.7	487.1	675.9
-15°	202.1	215.4	214.5	209.3	209.8	218.7	236.9	273.0	341.8	448.2	594.5
-17.5°	198.7	214.4	215.9	210.3	208.8	215.7	230.2	257.3	316.6	412.4	543.7
-20°	194.8	213.3	217.3	211.5	207.9	213.5	226.0	249.1	295.5	374.3	487.2



REPORT NUMBER: P558724 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-930-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°	190.6	212.0	217.6	213.2	209.3	212.2	222.0	239.8	271.8	330.1	428.4
-25°	185.4	206.8	216.1	215.1	210.8	210.5	217.5	230.3	254.2	301.7	376.1
-27.5°	179.1	201.2	214.4	217.1	212.2	209.4	214.6	225.0	242.4	271.7	326.0
-30°	172.2	195.0	212.6	218.1	214.3	211.0	212.2	219.1	231.0	253.0	291.0
-32.5°	164.7	188.1	206.8	215.9	216.8	212.5	210.5	215.3	224.1	237.3	260.8
-35°	156.9	179.2	199.0	213.5	218.9	215.1	212.4	212.1	217.7	227.7	241.6
-37.5°	149.2	169.8	190.6	207.9	216.0	218.3	214.5	212.5	214.0	219.0	228.3
-40°	141.2	160.0	180.4	198.3	213.4	218.9	218.1	214.9	213.0	214.3	218.5
-42.5°	132.7	150.7	169.3	188.3	205.1	216.0	221.1	218.5	215.1	212.2	213.2
-45°	124.2	141.1	158.0	176.5	194.5	210.0	218.0	222.4	218.4	214.6	211.9
-47.5°	115.4	131.1	147.1	163.9	182.0	198.4	212.5	218.7	221.7	218.5	214.6
-50°	106.5	121.1	136.0	151.6	167.8	184.9	200.0	212.1	218.3	220.7	219.5
-52.5°	98.1	110.8	125.0	139.1	153.7	168.9	184.7	198.1	209.1	217.6	219.6
-55°	89.5	101.3	113.6	126.7	139.8	153.4	166.9	180.8	194.0	203.9	213.2
-57.5°	80.9	91.9	102.9	114.3	126.2	138.0	150.1	162.1	174.4	186.1	196.3
-60°	72.1	82.3	92.3	102.4	112.6	123.3	133.5	144.2	154.9	165.2	175.2
-62.5°	63.2	72.5	81.7	90.6	99.8	108.7	117.9	127.0	135.7	144.9	153.6
-65°	54.9	62.9	71.1	79.2	86.9	94.8	102.6	110.4	118.2	125.8	132.8
-67.5°	46.5	53.7	60.8	67.9	74.9	81.4	87.6	94.4	101.1	107.7	114.0
-70°	39.3	44.6	50.8	57.1	63.1	68.8	74.4	79.7	84.6	89.9	95.5
-72.5°	32.4	37.0	41.6	46.3	51.5	56.5	61.3	66.0	70.3	74.2	78.2
-75°	26.2	29.3	33.2	37.1	40.9	44.5	48.2	52.2	55.8	59.0	62.0
-77.5°	20.4	23.0	25.6	28.2	30.8	33.7	36.6	39.5	42.1	44.4	46.6
-80°	15.0	16.6	18.6	20.6	22.4	24.2	25.9	27.7	29.5	31.3	33.1
-82.5°	10.3	11.5	12.6	13.8	14.7	15.5	16.3	17.4	18.8	20.0	21.2
-85°	5.8	6.3	7.1	7.8	8.5	9.1	9.7	10.2	10.8	11.3	11.8
-87.5°	2.9	3.1	3.4	3.6	3.8	4.0	4.3	4.5	4.6	4.8	5.0
-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: P558724 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	5.2	5.1	5.0	4.9	4.7	4.8	4.9	5.0	5.0	5.3	5.7
85°	12.3	12.8	13.4	14.0	14.5	14.9	15.3	15.6	15.9	16.2	16.4
82.5°	22.3	23.5	24.6	25.6	26.5	27.2	27.8	28.4	28.9	29.3	29.7
80°	34.8	36.4	37.7	39.0	40.0	41.0	41.7	42.4	42.9	43.9	45.0
77.5°	48.7	50.9	52.9	54.7	56.4	58.0	59.6	61.0	62.2	63.1	63.8
75°	64.8	67.6	70.4	72.9	75.2	77.6	79.9	82.0	83.9	85.2	86.1
72.5°	82.2	85.9	89.3	92.5	95.3	98.3	101.1	103.7	106.0	107.7	109.1
70°	100.8	105.6	109.5	113.2	116.8	120.4	123.9	127.0	129.7	131.8	133.6
67.5°	120.0	125.5	130.4	135.2	140.0	144.5	148.8	152.8	156.4	159.2	161.0
65°	139.7	146.7	153.2	159.1	164.4	169.4	174.8	179.8	184.3	187.9	190.7
62.5°	161.9	169.9	177.2	183.8	189.7	194.4	199.5	204.2	208.4	212.2	216.1
60°	184.6	193.5	200.0	205.6	210.7	215.2	217.0	218.7	220.1	221.4	222.9
57.5°	204.4	212.1	217.7	218.9	220.1	221.0	220.4	218.6	216.7	214.9	213.4
55°	218.3	220.5	222.9	221.0	217.9	215.1	212.5	210.8	209.2	207.7	206.4
52.5°	222.0	219.9	217.3	214.4	212.3	210.1	207.9	208.3	209.0	209.5	209.8
50°	216.6	214.1	212.7	211.1	211.4	212.5	213.4	215.4	218.0	219.8	221.3
47.5°	212.4	210.8	212.8	215.5	218.0	222.4	226.4	230.3	236.4	241.2	245.0
45°	211.2	215.2	219.3	225.7	231.4	241.3	250.6	258.4	272.8	286.0	296.4
42.5°	217.2	224.0	231.4	244.0	257.6	275.1	297.5	316.5	338.7	359.4	374.4
40°	227.0	237.1	253.8	274.1	305.9	334.1	371.3	403.0	432.9	464.6	488.4
37.5°	241.2	259.9	291.2	327.6	375.9	422.3	473.5	523.2	565.5	629.6	679.8
35°	262.3	300.1	344.5	405.4	468.5	539.5	614.4	710.8	795.8	895.4	989.1
32.5°	300.6	351.9	421.4	503.9	587.6	710.2	825.8	982.6	1123.4	1299.2	1488.2
30°	345.5	421.9	515.4	623.1	774.7	943.4	1133.5	1373.9	1659.5	1999.7	2456.1
27.5°	407.3	505.5	623.1	797.6	1012.8	1238.7	1575.9	1979.9	2716.4	3358.1	4208.6
25°	473.9	593.8	779.8	1014.3	1297.5	1704.4	2363.5	3204.3	4395.3	5534.0	6444.4
22.5°	550.7	725.9	960.7	1252.5	1710.8	2498.7	3522.0	5002.7	6330.8	7479.3	8363.8
20°	635.7	855.4	1171.0	1616.9	2397.4	3551.3	5194.0	6713.6	8070.1	9058.8	9840.3
17.5°	745.8	1032.8	1433.3	2048.6	3246.4	5024.5	6718.0	8220.1	9400.2	10268.9	10961.8
15°	848.5	1196.1	1715.1	2764.9	4399.8	6300.2	8036.2	9376.0	10397.3	11205.7	11828.6
12.5°	969.9	1379.6	2044.5	3383.8	5460.4	7352.7	8972.0	10223.2	11206.7	11964.4	12799.3
10°	1077.9	1576.9	2516.5	4208.4	6331.3	8179.9	9752.4	10876.8	11863.0	12850.4	14102.3
7.5°	1167.1	1742.6	2903.5	4904.3	7000.0	8791.7	10224.3	11347.8	12434.8	13753.5	15559.2
5°	1238.0	1867.5	3222.0	5429.6	7486.1	9228.4	10584.7	11723.5	12951.3	14715.4	17138.6
2.5°	1285.4	1949.3	3421.1	5747.0	7792.8	9478.9	10851.9	11969.3	13256.5	15254.0	17785.6
0°	1304.2	1987.1	3370.6	5804.5	7811.4	9560.4	10891.7	12061.2	13343.4	15344.1	17904.4
-2.5°	1285.4	1949.3	3421.1	5747.0	7792.8	9478.9	10851.9	11969.3	13256.5	15254.0	17785.6
-5°	1238.0	1867.5	3222.0	5429.6	7486.1	9228.4	10584.7	11723.5	12951.3	14715.4	17138.6
-7.5°	1167.1	1742.6	2903.5	4904.3	7000.0	8791.7	10224.3	11347.8	12434.8	13753.5	15559.2
-10°	1077.9	1576.9	2516.5	4208.4	6331.3	8179.9	9752.4	10876.8	11863.0	12850.4	14102.3
-12.5°	969.9	1379.6	2044.5	3383.8	5460.4	7352.7	8972.0	10223.2	11206.7	11964.4	12799.3
-15°	848.5	1196.1	1715.1	2764.9	4399.8	6300.2	8036.2	9376.0	10397.3	11205.7	11828.6
-17.5°	745.8	1032.8	1433.3	2048.6	3246.4	5024.5	6718.0	8220.1	9400.2	10268.9	10961.8
-20°	635.7	855.4	1171.0	1616.9	2397.4	3551.3	5194.0	6713.6	8070.1	9058.8	9840.3



REPORT NUMBER: P558724 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	550.7	725.9	960.7	1252.5	1710.8	2498.7	3522.0	5002.7	6330.8	7479.3	8363.8
-25°	473.9	593.8	779.8	1014.3	1297.5	1704.4	2363.5	3204.3	4395.3	5534.0	6444.4
-27.5°	407.3	505.5	623.1	797.6	1012.8	1238.7	1575.9	1979.9	2716.4	3358.1	4208.6
-30°	345.5	421.9	515.4	623.1	774.7	943.4	1133.5	1373.9	1659.5	1999.7	2456.1
-32.5°	300.6	351.9	421.4	503.9	587.6	710.2	825.8	982.6	1123.4	1299.2	1488.2
-35°	262.3	300.1	344.5	405.4	468.5	539.5	614.4	710.8	795.8	895.4	989.1
-37.5°	241.2	259.9	291.2	327.6	375.9	422.3	473.5	523.2	565.5	629.6	679.8
-40°	227.0	237.1	253.8	274.1	305.9	334.1	371.3	403.0	432.9	464.6	488.4
-42.5°	217.2	224.0	231.4	244.0	257.6	275.1	297.5	316.5	338.7	359.4	374.4
-45°	211.2	215.2	219.3	225.7	231.4	241.3	250.6	258.4	272.8	286.0	296.4
-47.5°	212.4	210.8	212.8	215.5	218.0	222.4	226.4	230.3	236.4	241.2	245.0
-50°	216.6	214.1	212.7	211.1	211.4	212.5	213.4	215.4	218.0	219.8	221.3
-52.5°	222.0	219.9	217.3	214.4	212.3	210.1	207.9	208.3	209.0	209.5	209.8
-55°	218.3	220.5	222.9	221.0	217.9	215.1	212.5	210.8	209.2	207.7	206.4
-57.5°	204.4	212.1	217.7	218.9	220.1	221.0	220.4	218.6	216.7	214.9	213.4
-60°	184.6	193.5	200.0	205.6	210.7	215.2	217.0	218.7	220.1	221.4	222.9
-62.5°	161.9	169.9	177.2	183.8	189.7	194.4	199.5	204.2	208.4	212.2	216.1
-65°	139.7	146.7	153.2	159.1	164.4	169.4	174.8	179.8	184.3	187.9	190.7
-67.5°	120.0	125.5	130.4	135.2	140.0	144.5	148.8	152.8	156.4	159.2	161.0
-70°	100.8	105.6	109.5	113.2	116.8	120.4	123.9	127.0	129.7	131.8	133.6
-72.5°	82.2	85.9	89.3	92.5	95.3	98.3	101.1	103.7	106.0	107.7	109.1
-75°	64.8	67.6	70.4	72.9	75.2	77.6	79.9	82.0	83.9	85.2	86.1
-77.5°	48.7	50.9	52.9	54.7	56.4	58.0	59.6	61.0	62.2	63.1	63.8
-80°	34.8	36.4	37.7	39.0	40.0	41.0	41.7	42.4	42.9	43.9	45.0
-82.5°	22.3	23.5	24.6	25.6	26.5	27.2	27.8	28.4	28.9	29.3	29.7
-85°	12.3	12.8	13.4	14.0	14.5	14.9	15.3	15.6	15.9	16.2	16.4
-87.5°	5.2	5.1	5.0	4.9	4.7	4.8	4.9	5.0	5.0	5.3	5.7
-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: P558724 (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°
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°	6.0	6.3	6.3	6.3	6.3	6.3	6.0	5.7	5.3	5.0	5.0
85°	16.5	16.6	17.2	17.8	17.2	16.6	16.5	16.4	16.2	15.9	15.6
82.5°	29.9	30.1	30.3	30.3	30.3	30.1	29.9	29.7	29.3	28.9	28.4
80°	45.9	46.7	46.4	45.9	46.4	46.7	45.9	45.0	43.9	42.9	42.4
77.5°	64.2	64.4	64.1	63.7	64.1	64.4	64.2	63.8	63.1	62.2	61.0
75°	86.8	87.2	87.6	87.7	87.6	87.2	86.8	86.1	85.2	83.9	82.0
72.5°	110.2	111.0	111.1	110.7	111.1	111.0	110.2	109.1	107.7	106.0	103.7
70°	135.0	136.0	136.6	136.8	136.6	136.0	135.0	133.6	131.8	129.7	127.0
67.5°	162.3	163.0	163.7	163.9	163.7	163.0	162.3	161.0	159.2	156.4	152.8
65°	193.1	194.9	195.5	195.3	195.5	194.9	193.1	190.7	187.9	184.3	179.8
62.5°	219.6	222.8	224.2	224.5	224.2	222.8	219.6	216.1	212.2	208.4	204.2
60°	224.1	225.2	225.5	225.5	225.5	225.2	224.1	222.9	221.4	220.1	218.7
57.5°	212.0	210.8	210.1	209.9	210.1	210.8	212.0	213.4	214.9	216.7	218.6
55°	205.3	204.2	203.7	203.6	203.7	204.2	205.3	206.4	207.7	209.2	210.8
52.5°	209.9	209.8	210.2	210.9	210.2	209.8	209.9	209.8	209.5	209.0	208.3
50°	222.7	223.6	224.6	225.5	224.6	223.6	222.7	221.3	219.8	218.0	215.4
47.5°	247.8	249.2	250.1	250.6	250.1	249.2	247.8	245.0	241.2	236.4	230.3
45°	303.1	306.8	308.5	309.1	308.5	306.8	303.1	296.4	286.0	272.8	258.4
42.5°	384.3	389.8	392.1	392.6	392.1	389.8	384.3	374.4	359.4	338.7	316.5
40°	505.4	515.1	519.8	523.1	519.8	515.1	505.4	488.4	464.6	432.9	403.0
37.5°	717.3	741.7	755.5	767.5	755.5	741.7	717.3	679.8	629.6	565.5	523.2
35°	1065.3	1121.1	1154.0	1161.1	1154.0	1121.1	1065.3	989.1	895.4	795.8	710.8
32.5°	1633.7	1743.2	1808.7	1816.9	1808.7	1743.2	1633.7	1488.2	1299.2	1123.4	982.6
30°	2810.4	3117.2	3327.4	3298.5	3327.4	3117.2	2810.4	2456.1	1999.7	1659.5	1373.9
27.5°	4905.3	5461.7	5823.2	5793.1	5823.2	5461.7	4905.3	4208.6	3358.1	2716.4	1979.9
25°	7144.4	7656.5	7958.8	8070.4	7958.8	7656.5	7144.4	6444.4	5534.0	4395.3	3204.3
22.5°	8972.7	9430.6	9692.1	9848.6	9692.1	9430.6	8972.7	8363.8	7479.3	6330.8	5002.7
20°	10373.6	10770.7	10995.6	11092.2	10995.6	10770.7	10373.6	9840.3	9058.8	8070.1	6713.6
17.5°	11451.4	11783.8	12038.5	12104.0	12038.5	11783.8	11451.4	10961.8	10268.9	9400.2	8220.1
15°	12404.7	12834.0	13134.3	13246.3	13134.3	12834.0	12404.7	11828.6	11205.7	10397.3	9376.0
12.5°	13606.8	14353.4	14750.3	14841.8	14750.3	14353.4	13606.8	12799.3	11964.4	11206.7	10223.2
10°	15383.6	16531.2	16661.3	16483.3	16661.3	16531.2	15383.6	14102.3	12850.4	11863.0	10876.8
7.5°	17971.4	19501.6	19170.7	18619.7	19170.7	19501.6	17971.4	15559.2	13753.5	12434.8	11347.8
5°	19823.2	21947.7	22013.7	21609.1	22013.7	21947.7	19823.2	17138.6	14715.4	12951.3	11723.5
2.5°	20560.4	22747.4	23836.0	24014.4	23836.0	22747.4	20560.4	17785.6	15254.0	13256.5	11969.3
0°	20615.6	23005.1	24295.7	24616.3	24295.7	23005.1	20615.6	17904.4	15344.1	13343.4	12061.2
-2.5°	20560.4	22747.4	23836.0	24014.4	23836.0	22747.4	20560.4	17785.6	15254.0	13256.5	11969.3
-5°	19823.2	21947.7	22013.7	21609.1	22013.7	21947.7	19823.2	17138.6	14715.4	12951.3	11723.5
-7.5°	17971.4	19501.6	19170.7	18619.7	19170.7	19501.6	17971.4	15559.2	13753.5	12434.8	11347.8
-10°	15383.6	16531.2	16661.3	16483.3	16661.3	16531.2	15383.6	14102.3	12850.4	11863.0	10876.8
-12.5°	13606.8	14353.4	14750.3	14841.8	14750.3	14353.4	13606.8	12799.3	11964.4	11206.7	10223.2
-15°	12404.7	12834.0	13134.3	13246.3	13134.3	12834.0	12404.7	11828.6	11205.7	10397.3	9376.0
-17.5°	11451.4	11783.8	12038.5	12104.0	12038.5	11783.8	11451.4	10961.8	10268.9	9400.2	8220.1
-20°	10373.6	10770.7	10995.6	11092.2	10995.6	10770.7	10373.6	9840.3	9058.8	8070.1	6713.6



REPORT NUMBER: P558724 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8972.7	9430.6	9692.1	9848.6	9692.1	9430.6	8972.7	8363.8	7479.3	6330.8	5002.7
-25°	7144.4	7656.5	7958.8	8070.4	7958.8	7656.5	7144.4	6444.4	5534.0	4395.3	3204.3
-27.5°	4905.3	5461.7	5823.2	5793.1	5823.2	5461.7	4905.3	4208.6	3358.1	2716.4	1979.9
-30°	2810.4	3117.2	3327.4	3298.5	3327.4	3117.2	2810.4	2456.1	1999.7	1659.5	1373.9
-32.5°	1633.7	1743.2	1808.7	1816.9	1808.7	1743.2	1633.7	1488.2	1299.2	1123.4	982.6
-35°	1065.3	1121.1	1154.0	1161.1	1154.0	1121.1	1065.3	989.1	895.4	795.8	710.8
-37.5°	717.3	741.7	755.5	767.5	755.5	741.7	717.3	679.8	629.6	565.5	523.2
-40°	505.4	515.1	519.8	523.1	519.8	515.1	505.4	488.4	464.6	432.9	403.0
-42.5°	384.3	389.8	392.1	392.6	392.1	389.8	384.3	374.4	359.4	338.7	316.5
-45°	303.1	306.8	308.5	309.1	308.5	306.8	303.1	296.4	286.0	272.8	258.4
-47.5°	247.8	249.2	250.1	250.6	250.1	249.2	247.8	245.0	241.2	236.4	230.3
-50°	222.7	223.6	224.6	225.5	224.6	223.6	222.7	221.3	219.8	218.0	215.4
-52.5°	209.9	209.8	210.2	210.9	210.2	209.8	209.9	209.8	209.5	209.0	208.3
-55°	205.3	204.2	203.7	203.6	203.7	204.2	205.3	206.4	207.7	209.2	210.8
-57.5°	212.0	210.8	210.1	209.9	210.1	210.8	212.0	213.4	214.9	216.7	218.6
-60°	224.1	225.2	225.5	225.5	225.5	225.2	224.1	222.9	221.4	220.1	218.7
-62.5°	219.6	222.8	224.2	224.5	224.2	222.8	219.6	216.1	212.2	208.4	204.2
-65°	193.1	194.9	195.5	195.3	195.5	194.9	193.1	190.7	187.9	184.3	179.8
-67.5°	162.3	163.0	163.7	163.9	163.7	163.0	162.3	161.0	159.2	156.4	152.8
-70°	135.0	136.0	136.6	136.8	136.6	136.0	135.0	133.6	131.8	129.7	127.0
-72.5°	110.2	111.0	111.1	110.7	111.1	111.0	110.2	109.1	107.7	106.0	103.7
-75°	86.8	87.2	87.6	87.7	87.6	87.2	86.8	86.1	85.2	83.9	82.0
-77.5°	64.2	64.4	64.1	63.7	64.1	64.4	64.2	63.8	63.1	62.2	61.0
-80°	45.9	46.7	46.4	45.9	46.4	46.7	45.9	45.0	43.9	42.9	42.4
-82.5°	29.9	30.1	30.3	30.3	30.3	30.1	29.9	29.7	29.3	28.9	28.4
-85°	16.5	16.6	17.2	17.8	17.2	16.6	16.5	16.4	16.2	15.9	15.6
-87.5°	6.0	6.3	6.3	6.3	6.3	6.3	6.0	5.7	5.3	5.0	5.0
-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: P558724 (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°	4.9	4.8	4.7	4.9	5.0	5.1	5.2	5.0	4.8	4.6	4.5
85°	15.3	14.9	14.5	14.0	13.4	12.8	12.3	11.8	11.3	10.8	10.2
82.5°	27.8	27.2	26.5	25.6	24.6	23.5	22.3	21.2	20.0	18.8	17.4
80°	41.7	41.0	40.0	39.0	37.7	36.4	34.8	33.1	31.3	29.5	27.7
77.5°	59.6	58.0	56.4	54.7	52.9	50.9	48.7	46.6	44.4	42.1	39.5
75°	79.9	77.6	75.2	72.9	70.4	67.6	64.8	62.0	59.0	55.8	52.2
72.5°	101.1	98.3	95.3	92.5	89.3	85.9	82.2	78.2	74.2	70.3	66.0
70°	123.9	120.4	116.8	113.2	109.5	105.6	100.8	95.5	89.9	84.6	79.7
67.5°	148.8	144.5	140.0	135.2	130.4	125.5	120.0	114.0	107.7	101.1	94.4
65°	174.8	169.4	164.4	159.1	153.2	146.7	139.7	132.8	125.8	118.2	110.4
62.5°	199.5	194.4	189.7	183.8	177.2	169.9	161.9	153.6	144.9	135.7	127.0
60°	217.0	215.2	210.7	205.6	200.0	193.5	184.6	175.2	165.2	154.9	144.2
57.5°	220.4	221.0	220.1	218.9	217.7	212.1	204.4	196.3	186.1	174.4	162.1
55°	212.5	215.1	217.9	221.0	222.9	220.5	218.3	213.2	203.9	194.0	180.8
52.5°	207.9	210.1	212.3	214.4	217.3	219.9	222.0	219.6	217.6	209.1	198.1
50°	213.4	212.5	211.4	211.1	212.7	214.1	216.6	219.5	220.7	218.3	212.1
47.5°	226.4	222.4	218.0	215.5	212.8	210.8	212.4	214.6	218.5	221.7	218.7
45°	250.6	241.3	231.4	225.7	219.3	215.2	211.2	211.9	214.6	218.4	222.4
42.5°	297.5	275.1	257.6	244.0	231.4	224.0	217.2	213.2	212.2	215.1	218.5
40°	371.3	334.1	305.9	274.1	253.8	237.1	227.0	218.5	214.3	213.0	214.9
37.5°	473.5	422.3	375.9	327.6	291.2	259.9	241.2	228.3	219.0	214.0	212.5
35°	614.4	539.5	468.5	405.4	344.5	300.1	262.3	241.6	227.7	217.7	212.1
32.5°	825.8	710.2	587.6	503.9	421.4	351.9	300.6	260.8	237.3	224.1	215.3
30°	1133.5	943.4	774.7	623.1	515.4	421.9	345.5	291.0	253.0	231.0	219.1
27.5°	1575.9	1238.7	1012.8	797.6	623.1	505.5	407.3	326.0	271.7	242.4	225.0
25°	2363.5	1704.4	1297.5	1014.3	779.8	593.8	473.9	376.1	301.7	254.2	230.3
22.5°	3522.0	2498.7	1710.8	1252.5	960.7	725.9	550.7	428.4	330.1	271.8	239.8
20°	5194.0	3551.3	2397.4	1616.9	1171.0	855.4	635.7	487.2	374.3	295.5	249.1
17.5°	6718.0	5024.5	3246.4	2048.6	1433.3	1032.8	745.8	543.7	412.4	316.6	257.3
15°	8036.2	6300.2	4399.8	2764.9	1715.1	1196.1	848.5	594.5	448.2	341.8	273.0
12.5°	8972.0	7352.7	5460.4	3383.8	2044.5	1379.6	969.9	675.9	487.1	366.7	287.2
10°	9752.4	8179.9	6331.3	4208.4	2516.5	1576.9	1077.9	744.3	520.1	385.8	298.5
7.5°	10224.3	8791.7	7000.0	4904.3	2903.5	1742.6	1167.1	795.4	546.6	399.5	306.7
5°	10584.7	9228.4	7486.1	5429.6	3222.0	1867.5	1238.0	829.6	565.9	407.8	312.0
2.5°	10851.9	9478.9	7792.8	5747.0	3421.1	1949.3	1285.4	853.9	575.4	415.2	316.6
0°	10891.7	9560.4	7811.4	5804.5	3370.6	1987.1	1304.2	868.7	575.3	418.7	318.5
-2.5°	10851.9	9478.9	7792.8	5747.0	3421.1	1949.3	1285.4	853.9	575.4	415.2	316.6
-5°	10584.7	9228.4	7486.1	5429.6	3222.0	1867.5	1238.0	829.6	565.9	407.8	312.0
-7.5°	10224.3	8791.7	7000.0	4904.3	2903.5	1742.6	1167.1	795.4	546.6	399.5	306.7
-10°	9752.4	8179.9	6331.3	4208.4	2516.5	1576.9	1077.9	744.3	520.1	385.8	298.5
-12.5°	8972.0	7352.7	5460.4	3383.8	2044.5	1379.6	969.9	675.9	487.1	366.7	287.2
-15°	8036.2	6300.2	4399.8	2764.9	1715.1	1196.1	848.5	594.5	448.2	341.8	273.0
-17.5°	6718.0	5024.5	3246.4	2048.6	1433.3	1032.8	745.8	543.7	412.4	316.6	257.3
-20°	5194.0	3551.3	2397.4	1616.9	1171.0	855.4	635.7	487.2	374.3	295.5	249.1



REPORT NUMBER: P558724 (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°	3522.0	2498.7	1710.8	1252.5	960.7	725.9	550.7	428.4	330.1	271.8	239.8
-25°	2363.5	1704.4	1297.5	1014.3	779.8	593.8	473.9	376.1	301.7	254.2	230.3
-27.5°	1575.9	1238.7	1012.8	797.6	623.1	505.5	407.3	326.0	271.7	242.4	225.0
-30°	1133.5	943.4	774.7	623.1	515.4	421.9	345.5	291.0	253.0	231.0	219.1
-32.5°	825.8	710.2	587.6	503.9	421.4	351.9	300.6	260.8	237.3	224.1	215.3
-35°	614.4	539.5	468.5	405.4	344.5	300.1	262.3	241.6	227.7	217.7	212.1
-37.5°	473.5	422.3	375.9	327.6	291.2	259.9	241.2	228.3	219.0	214.0	212.5
-40°	371.3	334.1	305.9	274.1	253.8	237.1	227.0	218.5	214.3	213.0	214.9
-42.5°	297.5	275.1	257.6	244.0	231.4	224.0	217.2	213.2	212.2	215.1	218.5
-45°	250.6	241.3	231.4	225.7	219.3	215.2	211.2	211.9	214.6	218.4	222.4
-47.5°	226.4	222.4	218.0	215.5	212.8	210.8	212.4	214.6	218.5	221.7	218.7
-50°	213.4	212.5	211.4	211.1	212.7	214.1	216.6	219.5	220.7	218.3	212.1
-52.5°	207.9	210.1	212.3	214.4	217.3	219.9	222.0	219.6	217.6	209.1	198.1
-55°	212.5	215.1	217.9	221.0	222.9	220.5	218.3	213.2	203.9	194.0	180.8
-57.5°	220.4	221.0	220.1	218.9	217.7	212.1	204.4	196.3	186.1	174.4	162.1
-60°	217.0	215.2	210.7	205.6	200.0	193.5	184.6	175.2	165.2	154.9	144.2
-62.5°	199.5	194.4	189.7	183.8	177.2	169.9	161.9	153.6	144.9	135.7	127.0
-65°	174.8	169.4	164.4	159.1	153.2	146.7	139.7	132.8	125.8	118.2	110.4
-67.5°	148.8	144.5	140.0	135.2	130.4	125.5	120.0	114.0	107.7	101.1	94.4
-70°	123.9	120.4	116.8	113.2	109.5	105.6	100.8	95.5	89.9	84.6	79.7
-72.5°	101.1	98.3	95.3	92.5	89.3	85.9	82.2	78.2	74.2	70.3	66.0
-75°	79.9	77.6	75.2	72.9	70.4	67.6	64.8	62.0	59.0	55.8	52.2
-77.5°	59.6	58.0	56.4	54.7	52.9	50.9	48.7	46.6	44.4	42.1	39.5
-80°	41.7	41.0	40.0	39.0	37.7	36.4	34.8	33.1	31.3	29.5	27.7
-82.5°	27.8	27.2	26.5	25.6	24.6	23.5	22.3	21.2	20.0	18.8	17.4
-85°	15.3	14.9	14.5	14.0	13.4	12.8	12.3	11.8	11.3	10.8	10.2
-87.5°	4.9	4.8	4.7	4.9	5.0	5.1	5.2	5.0	4.8	4.6	4.5
-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: P558724 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-930-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°	4.3	4.0	3.8	3.6	3.4	3.1	2.9	2.7	2.4	2.2	1.9
85°	9.7	9.1	8.5	7.8	7.1	6.3	5.8	5.3	4.8	4.3	3.8
82.5°	16.3	15.5	14.7	13.8	12.6	11.5	10.3	9.1	7.9	6.6	5.7
80°	25.9	24.2	22.4	20.6	18.6	16.6	15.0	13.4	11.9	10.3	8.5
77.5°	36.6	33.7	30.8	28.2	25.6	23.0	20.4	18.0	16.0	14.0	11.9
75°	48.2	44.5	40.9	37.1	33.2	29.3	26.2	23.1	20.4	17.7	15.2
72.5°	61.3	56.5	51.5	46.3	41.6	37.0	32.4	28.2	24.9	21.6	18.5
70°	74.4	68.8	63.1	57.1	50.8	44.6	39.3	34.3	29.3	25.5	21.8
67.5°	87.6	81.4	74.9	67.9	60.8	53.7	46.5	40.5	35.0	29.3	25.1
65°	102.6	94.8	86.9	79.2	71.1	62.9	54.9	47.2	40.5	34.3	28.3
62.5°	117.9	108.7	99.8	90.6	81.7	72.5	63.2	54.8	46.3	39.2	32.2
60°	133.5	123.3	112.6	102.4	92.3	82.3	72.1	62.3	53.1	43.9	36.4
57.5°	150.1	138.0	126.2	114.3	102.9	91.9	80.9	70.0	59.7	49.6	40.5
55°	166.9	153.4	139.8	126.7	113.6	101.3	89.5	77.6	66.2	55.3	44.5
52.5°	184.7	168.9	153.7	139.1	125.0	110.8	98.1	84.9	72.7	60.9	49.3
50°	200.0	184.9	167.8	151.6	136.0	121.1	106.5	92.6	78.9	66.3	54.0
47.5°	212.5	198.4	182.0	163.9	147.1	131.1	115.4	100.2	84.9	71.5	58.5
45°	218.0	210.0	194.5	176.5	158.0	141.1	124.2	107.6	91.5	76.6	62.7
42.5°	221.1	216.0	205.1	188.3	169.3	150.7	132.7	115.2	98.0	81.4	66.9
40°	218.1	218.9	213.4	198.3	180.4	160.0	141.2	122.6	104.2	86.4	71.0
37.5°	214.5	218.3	216.0	207.9	190.6	169.8	149.2	129.6	110.3	91.7	74.9
35°	212.4	215.1	218.9	213.5	199.0	179.2	156.9	136.4	116.1	96.6	78.6
32.5°	210.5	212.5	216.8	215.9	206.8	188.1	164.7	142.8	121.7	101.2	82.1
30°	212.2	211.0	214.3	218.1	212.6	195.0	172.2	148.8	126.9	105.5	85.5
27.5°	214.6	209.4	212.2	217.1	214.4	201.2	179.1	154.4	131.7	109.6	89.0
25°	217.5	210.5	210.8	215.1	216.1	206.8	185.4	159.6	136.2	113.5	92.2
22.5°	222.0	212.2	209.3	213.2	217.6	212.0	190.6	164.8	140.4	117.1	95.0
20°	226.0	213.5	207.9	211.5	217.3	213.3	194.8	169.4	144.2	120.3	97.6
17.5°	230.2	215.7	208.8	210.3	215.9	214.4	198.7	173.5	147.5	123.1	99.9
15°	236.9	218.7	209.8	209.3	214.5	215.4	202.1	177.0	150.4	125.5	101.9
12.5°	242.7	221.1	210.6	208.4	213.2	216.3	205.0	179.9	152.9	127.6	103.6
10°	247.4	223.0	211.1	207.7	212.0	217.0	207.5	182.5	155.1	129.2	105.0
7.5°	251.0	224.5	211.3	207.2	210.9	217.5	209.7	185.2	156.9	130.4	106.1
5°	253.6	226.0	212.1	206.9	210.4	217.9	211.4	187.4	158.4	131.2	106.9
2.5°	255.8	228.1	213.2	206.7	210.0	218.1	212.5	189.0	159.3	131.6	107.3
0°	256.9	229.7	214.1	206.7	209.9	218.2	213.0	190.0	159.8	131.6	107.5
-2.5°	255.8	228.1	213.2	206.7	210.0	218.1	212.5	189.0	159.3	131.6	107.3
-5°	253.6	226.0	212.1	206.9	210.4	217.9	211.4	187.4	158.4	131.2	106.9
-7.5°	251.0	224.5	211.3	207.2	210.9	217.5	209.7	185.2	156.9	130.4	106.1
-10°	247.4	223.0	211.1	207.7	212.0	217.0	207.5	182.5	155.1	129.2	105.0
-12.5°	242.7	221.1	210.6	208.4	213.2	216.3	205.0	179.9	152.9	127.6	103.6
-15°	236.9	218.7	209.8	209.3	214.5	215.4	202.1	177.0	150.4	125.5	101.9
-17.5°	230.2	215.7	208.8	210.3	215.9	214.4	198.7	173.5	147.5	123.1	99.9
-20°	226.0	213.5	207.9	211.5	217.3	213.3	194.8	169.4	144.2	120.3	97.6



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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°	222.0	212.2	209.3	213.2	217.6	212.0	190.6	164.8	140.4	117.1	95.0
-25°	217.5	210.5	210.8	215.1	216.1	206.8	185.4	159.6	136.2	113.5	92.2
-27.5°	214.6	209.4	212.2	217.1	214.4	201.2	179.1	154.4	131.7	109.6	89.0
-30°	212.2	211.0	214.3	218.1	212.6	195.0	172.2	148.8	126.9	105.5	85.5
-32.5°	210.5	212.5	216.8	215.9	206.8	188.1	164.7	142.8	121.7	101.2	82.1
-35°	212.4	215.1	218.9	213.5	199.0	179.2	156.9	136.4	116.1	96.6	78.6
-37.5°	214.5	218.3	216.0	207.9	190.6	169.8	149.2	129.6	110.3	91.7	74.9
-40°	218.1	218.9	213.4	198.3	180.4	160.0	141.2	122.6	104.2	86.4	71.0
-42.5°	221.1	216.0	205.1	188.3	169.3	150.7	132.7	115.2	98.0	81.4	66.9
-45°	218.0	210.0	194.5	176.5	158.0	141.1	124.2	107.6	91.5	76.6	62.7
-47.5°	212.5	198.4	182.0	163.9	147.1	131.1	115.4	100.2	84.9	71.5	58.5
-50°	200.0	184.9	167.8	151.6	136.0	121.1	106.5	92.6	78.9	66.3	54.0
-52.5°	184.7	168.9	153.7	139.1	125.0	110.8	98.1	84.9	72.7	60.9	49.3
-55°	166.9	153.4	139.8	126.7	113.6	101.3	89.5	77.6	66.2	55.3	44.5
-57.5°	150.1	138.0	126.2	114.3	102.9	91.9	80.9	70.0	59.7	49.6	40.5
-60°	133.5	123.3	112.6	102.4	92.3	82.3	72.1	62.3	53.1	43.9	36.4
-62.5°	117.9	108.7	99.8	90.6	81.7	72.5	63.2	54.8	46.3	39.2	32.2
-65°	102.6	94.8	86.9	79.2	71.1	62.9	54.9	47.2	40.5	34.3	28.3
-67.5°	87.6	81.4	74.9	67.9	60.8	53.7	46.5	40.5	35.0	29.3	25.1
-70°	74.4	68.8	63.1	57.1	50.8	44.6	39.3	34.3	29.3	25.5	21.8
-72.5°	61.3	56.5	51.5	46.3	41.6	37.0	32.4	28.2	24.9	21.6	18.5
-75°	48.2	44.5	40.9	37.1	33.2	29.3	26.2	23.1	20.4	17.7	15.2
-77.5°	36.6	33.7	30.8	28.2	25.6	23.0	20.4	18.0	16.0	14.0	11.9
-80°	25.9	24.2	22.4	20.6	18.6	16.6	15.0	13.4	11.9	10.3	8.5
-82.5°	16.3	15.5	14.7	13.8	12.6	11.5	10.3	9.1	7.9	6.6	5.7
-85°	9.7	9.1	8.5	7.8	7.1	6.3	5.8	5.3	4.8	4.3	3.8
-87.5°	4.3	4.0	3.8	3.6	3.4	3.1	2.9	2.7	2.4	2.2	1.9
-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°	1.6	1.4	1.1	0.8	0.5	0.3	0.0
85°	3.3	2.7	2.2	1.6	1.1	0.5	0.0
82.5°	4.9	4.1	3.3	2.5	1.6	0.8	0.0
80°	6.6	5.4	4.4	3.3	2.2	1.1	0.0
77.5°	9.6	7.1	5.4	4.1	2.7	1.4	0.0
75°	12.4	9.5	6.6	4.9	3.3	1.6	0.0
72.5°	15.3	11.8	8.5	5.7	3.8	1.9	0.0
70°	18.1	14.1	10.2	6.5	4.3	2.2	0.0
67.5°	20.9	16.3	12.0	7.8	4.8	2.4	0.0
65°	23.6	18.6	13.7	9.1	5.3	2.7	0.0
62.5°	26.4	21.0	15.4	10.3	5.8	2.9	0.0
60°	29.1	23.3	17.0	11.5	6.3	3.1	0.0
57.5°	32.5	25.6	18.9	12.7	7.1	3.4	0.0
55°	36.0	27.9	20.7	13.9	7.8	3.6	0.0
52.5°	39.3	30.2	22.6	14.9	8.6	3.8	0.0
50°	42.6	32.9	24.3	16.0	9.3	4.0	0.0
47.5°	45.8	35.5	26.0	17.1	10.0	4.3	0.0
45°	49.5	38.0	27.7	18.3	10.7	4.5	0.0
42.5°	52.9	40.4	29.3	19.5	11.4	4.6	0.0
40°	56.2	42.7	31.0	20.7	12.0	4.8	0.0
37.5°	59.3	44.9	32.8	21.9	12.6	5.0	0.0
35°	62.1	47.2	34.4	22.9	13.2	5.2	0.0
32.5°	64.9	49.5	36.0	23.9	13.8	5.3	0.0
30°	67.7	51.6	37.5	24.8	14.3	5.5	0.0
27.5°	70.3	53.5	38.7	25.6	14.8	5.6	0.0
25°	72.7	55.2	39.8	26.3	15.3	5.7	0.0
22.5°	74.9	56.8	40.9	26.9	15.7	5.8	0.0
20°	76.9	58.1	41.8	27.5	16.1	5.9	0.0
17.5°	78.6	59.3	42.6	28.0	16.4	6.0	0.0
15°	80.2	60.3	43.3	28.4	16.7	6.1	0.0
12.5°	81.5	61.1	43.8	28.7	17.0	6.2	0.0
10°	82.6	61.8	44.3	28.9	17.3	6.2	0.0
7.5°	83.5	62.3	44.6	29.1	17.5	6.2	0.0
5°	84.1	62.6	44.8	29.2	17.6	6.3	0.0
2.5°	84.5	62.7	44.9	29.2	17.7	6.3	0.0
0°	84.6	62.7	44.9	29.2	17.8	6.3	0.0
-2.5°	84.5	62.7	44.9	29.2	17.7	6.3	0.0
-5°	84.1	62.6	44.8	29.2	17.6	6.3	0.0
-7.5°	83.5	62.3	44.6	29.1	17.5	6.2	0.0
-10°	82.6	61.8	44.3	28.9	17.3	6.2	0.0
-12.5°	81.5	61.1	43.8	28.7	17.0	6.2	0.0
-15°	80.2	60.3	43.3	28.4	16.7	6.1	0.0
-17.5°	78.6	59.3	42.6	28.0	16.4	6.0	0.0
-20°	76.9	58.1	41.8	27.5	16.1	5.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	74.9	56.8	40.9	26.9	15.7	5.8	0.0
-25°	72.7	55.2	39.8	26.3	15.3	5.7	0.0
-27.5°	70.3	53.5	38.7	25.6	14.8	5.6	0.0
-30°	67.7	51.6	37.5	24.8	14.3	5.5	0.0
-32.5°	64.9	49.5	36.0	23.9	13.8	5.3	0.0
-35°	62.1	47.2	34.4	22.9	13.2	5.2	0.0
-37.5°	59.3	44.9	32.8	21.9	12.6	5.0	0.0
-40°	56.2	42.7	31.0	20.7	12.0	4.8	0.0
-42.5°	52.9	40.4	29.3	19.5	11.4	4.6	0.0
-45°	49.5	38.0	27.7	18.3	10.7	4.5	0.0
-47.5°	45.8	35.5	26.0	17.1	10.0	4.3	0.0
-50°	42.6	32.9	24.3	16.0	9.3	4.0	0.0
-52.5°	39.3	30.2	22.6	14.9	8.6	3.8	0.0
-55°	36.0	27.9	20.7	13.9	7.8	3.6	0.0
-57.5°	32.5	25.6	18.9	12.7	7.1	3.4	0.0
-60°	29.1	23.3	17.0	11.5	6.3	3.1	0.0
-62.5°	26.4	21.0	15.4	10.3	5.8	2.9	0.0
-65°	23.6	18.6	13.7	9.1	5.3	2.7	0.0
-67.5°	20.9	16.3	12.0	7.8	4.8	2.4	0.0
-70°	18.1	14.1	10.2	6.5	4.3	2.2	0.0
-72.5°	15.3	11.8	8.5	5.7	3.8	1.9	0.0
-75°	12.4	9.5	6.6	4.9	3.3	1.6	0.0
-77.5°	9.6	7.1	5.4	4.1	2.7	1.4	0.0
-80°	6.6	5.4	4.4	3.3	2.2	1.1	0.0
-82.5°	4.9	4.1	3.3	2.5	1.6	0.8	0.0
-85°	3.3	2.7	2.2	1.6	1.1	0.5	0.0
-87.5°	1.6	1.4	1.1	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)