

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: P558732 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-935-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558732 (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-935-U-MR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (32) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

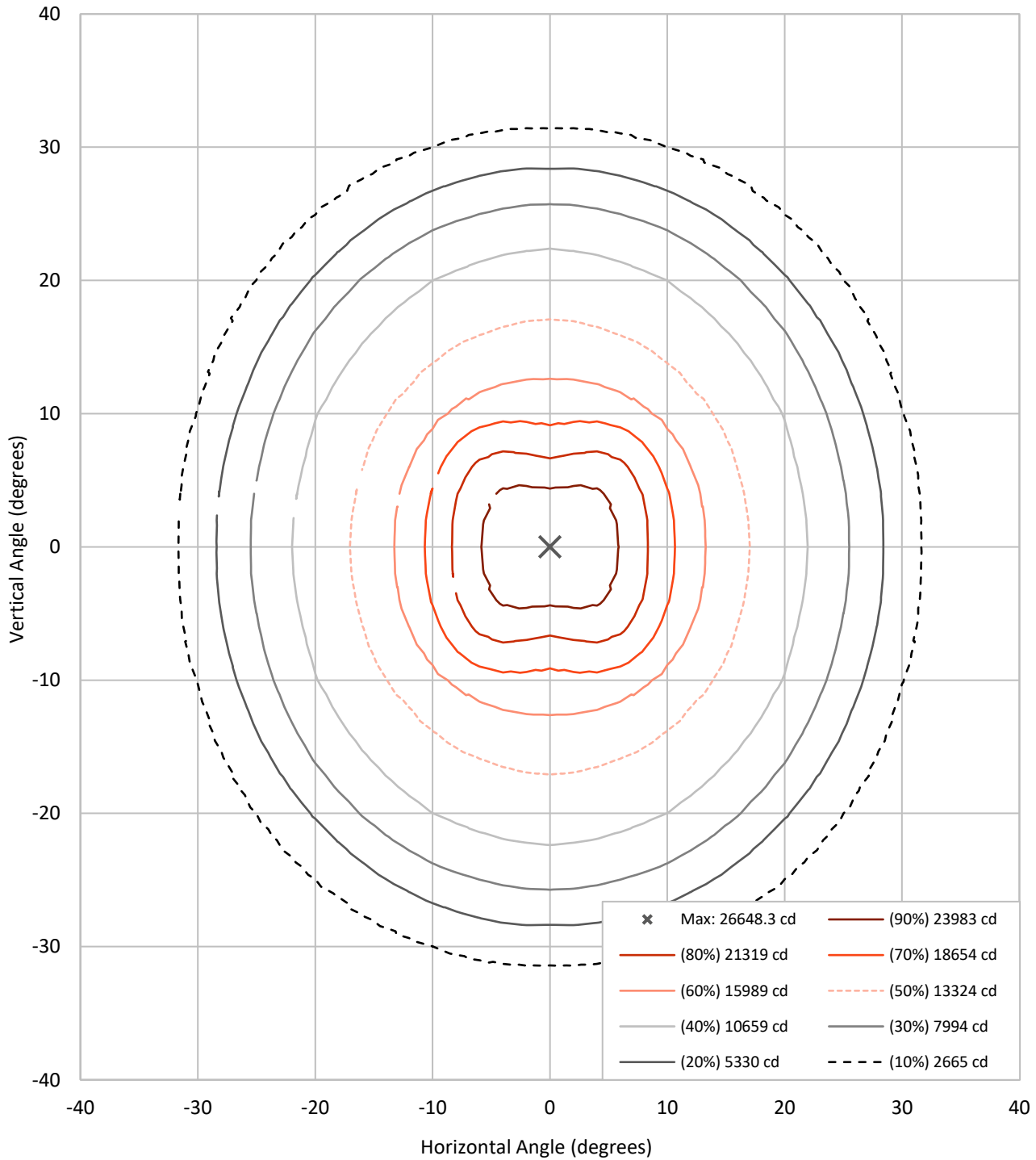
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	11788.5 lumens	Max Intensity:	26648.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	92.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	5021.1 lumens	Field Lumens:	10262.2 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: P558732 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





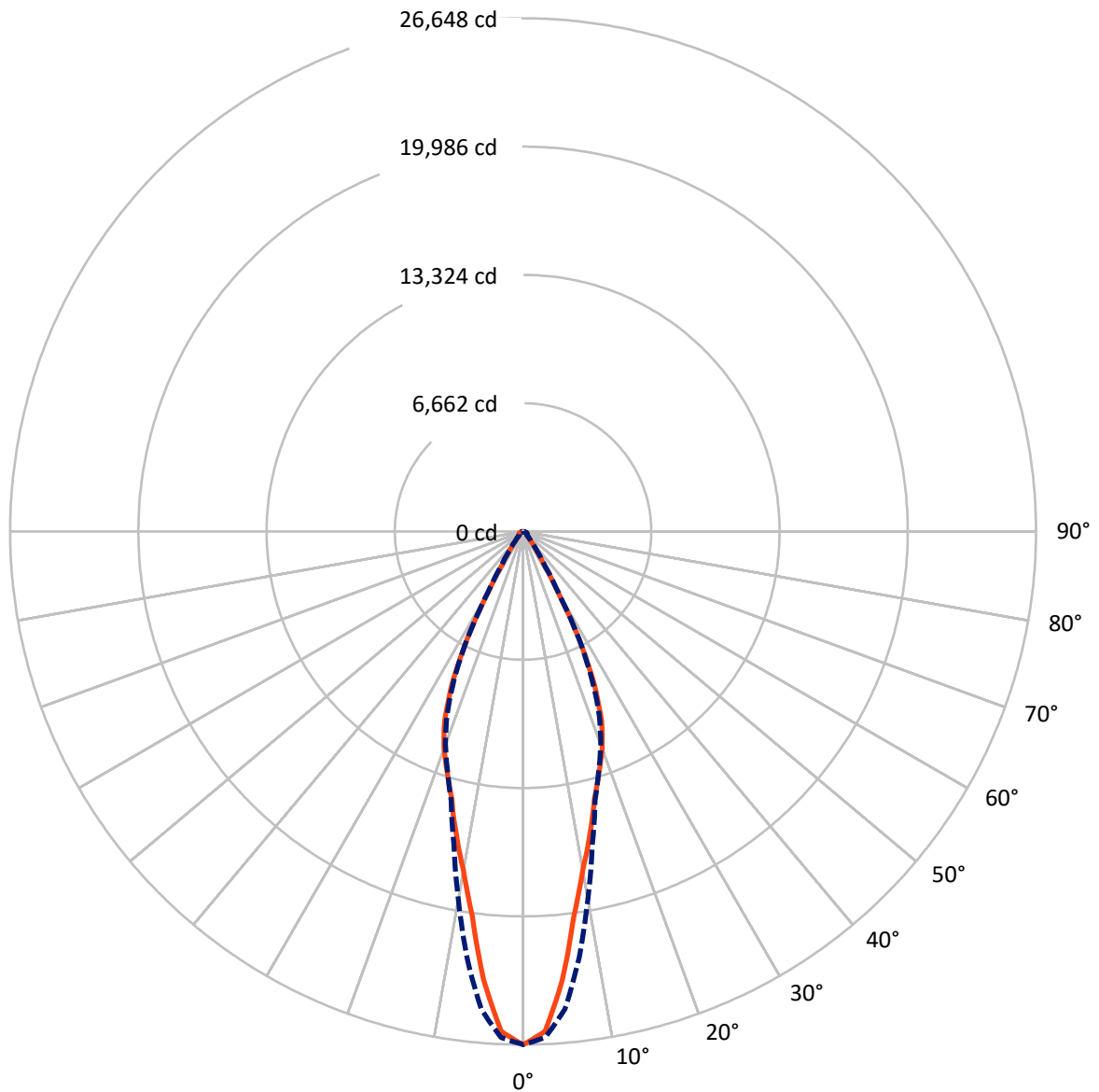
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Lumen Table

90																			
80	0.2	1.3		3.7		6.0		7.0		6.0		3.7		1.3		0.2			
70																			
60	0.6	0.7	1.5	2.6	3.8	4.9	5.7	6.2	6.2	5.7	4.9	3.8	2.6	1.5	0.7	0.6			
50		1.1	2.4	4.2	5.7	6.4	6.8	7.0	7.0	6.8	6.4	5.7	4.2	2.4	1.1				
40	1.1	1.5	3.3	5.0	5.9	7.3	9.3	10.7	10.7	9.3	7.3	5.9	5.0	3.3	1.5	1.1			
30		1.9	3.9	5.1	7.6	15.0	28.6	43.6	43.6	28.6	15.0	7.6	5.1	3.9	1.9				
20	1.5	2.3	4.0	5.7	13.8	45.9	144.3	237.5	237.5	144.3	45.9	13.8	5.7	4.0	2.3	1.5			
10		2.5	4.0	7.0	25.8	136.0	321.3	425.5	425.5	321.3	136.0	25.8	7.0	4.0	2.5				
0	1.7	2.6	4.0	8.0	39.2	214.2	417.8	659.4	659.4	417.8	214.2	39.2	8.0	4.0	2.6	1.7			
-10		2.6	4.0	8.0	39.2	214.2	417.8	659.4	659.4	417.8	214.2	39.2	8.0	4.0	2.6				
-20	1.5	2.5	4.0	7.0	25.8	136.0	321.3	425.5	425.5	321.3	136.0	25.8	7.0	4.0	2.5	1.5			
-30		2.3	4.0	5.7	13.8	45.9	144.3	237.5	237.5	144.3	45.9	13.8	5.7	4.0	2.3				
-40	1.1	1.9	3.9	5.1	7.6	15.0	28.6	43.6	43.6	28.6	15.0	7.6	5.1	3.9	1.9	1.1			
-50		1.5	3.3	5.0	5.9	7.3	9.3	10.7	10.7	9.3	7.3	5.9	5.0	3.3	1.5				
-60	0.6	1.1	2.4	4.2	5.7	6.4	6.8	7.0	7.0	6.8	6.4	5.7	4.2	2.4	1.1	0.6			
-70		0.7	1.5	2.6	3.8	4.9	5.7	6.2	6.2	5.7	4.9	3.8	2.6	1.5	0.7				
-80	0.2	1.3		3.7		6.0		7.0		6.0		3.7		1.3		0.2			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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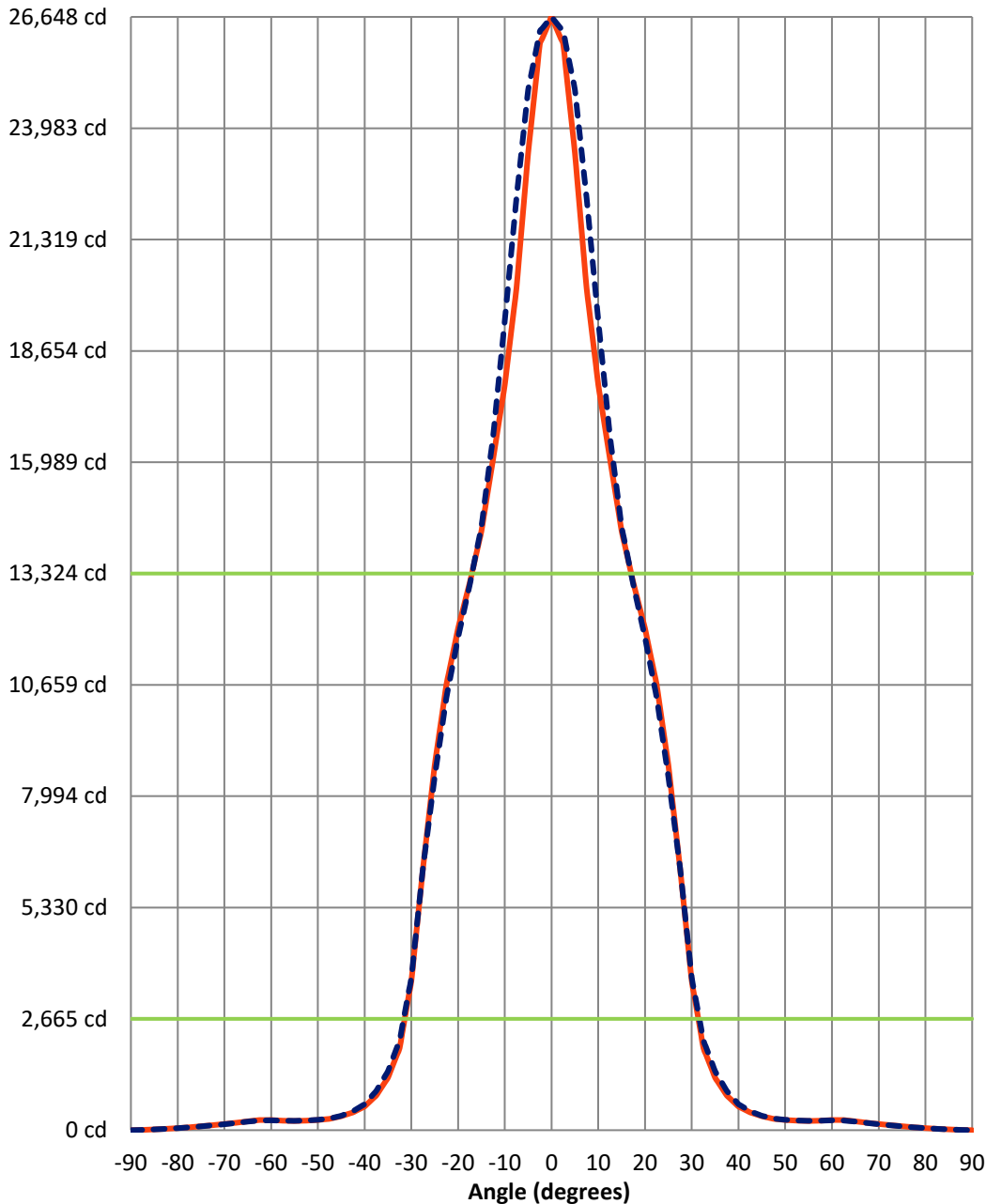
Luminous Intensity Polar Plot



— 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: 5021.1
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 10262.2
 Efficiency: 87.1%

Spill:
 Lumens: 1526.3
 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	0.6	0.9	1.2	1.5	1.8	2.0	2.3	2.6	2.9
85°	0.0	0.6	1.2	1.8	2.4	2.9	3.5	4.1	4.6	5.2	5.7
82.5°	0.0	0.9	1.8	2.7	3.5	4.4	5.3	6.1	7.1	8.5	9.8
80°	0.0	1.2	2.4	3.5	4.7	5.9	7.2	9.2	11.1	12.9	14.5
77.5°	0.0	1.5	2.9	4.4	5.9	7.7	10.3	12.8	15.1	17.3	19.5
75°	0.0	1.8	3.5	5.3	7.2	10.2	13.4	16.4	19.1	22.1	25.1
72.5°	0.0	2.0	4.1	6.1	9.1	12.7	16.5	20.0	23.4	27.0	30.6
70°	0.0	2.3	4.6	7.1	11.1	15.2	19.5	23.6	27.7	31.8	37.2
67.5°	0.0	2.6	5.2	8.5	13.0	17.6	22.6	27.2	31.8	37.9	43.9
65°	0.0	2.9	5.7	9.8	14.8	20.1	25.6	30.7	37.2	43.9	51.1
62.5°	0.0	3.1	6.3	11.2	16.6	22.7	28.6	35.0	42.4	50.1	59.4
60°	0.0	3.4	6.8	12.5	18.4	25.2	31.6	39.5	47.6	57.5	67.5
57.5°	0.0	3.7	7.6	13.8	20.5	27.8	35.3	43.9	53.7	64.6	75.8
55°	0.0	3.9	8.5	15.0	22.5	30.2	39.0	48.2	59.9	71.7	84.0
52.5°	0.0	4.1	9.3	16.2	24.4	32.7	42.6	53.4	65.9	78.7	91.9
50°	0.0	4.4	10.1	17.3	26.3	35.7	46.1	58.5	71.8	85.5	100.2
47.5°	0.0	4.6	10.9	18.5	28.2	38.5	49.6	63.3	77.5	91.9	108.5
45°	0.0	4.8	11.6	19.9	30.0	41.2	53.6	68.0	82.9	99.1	116.5
42.5°	0.0	5.0	12.3	21.2	31.8	43.8	57.3	72.5	88.2	106.1	124.7
40°	0.0	5.2	13.0	22.5	33.6	46.3	60.9	76.9	93.5	112.9	132.7
37.5°	0.0	5.4	13.7	23.7	35.5	48.6	64.2	81.1	99.3	119.4	140.3
35°	0.0	5.6	14.3	24.8	37.3	51.1	67.3	85.1	104.6	125.7	147.6
32.5°	0.0	5.7	14.9	25.9	39.0	53.6	70.3	88.9	109.6	131.7	154.5
30°	0.0	5.9	15.5	26.8	40.6	55.9	73.3	92.6	114.3	137.3	161.1
27.5°	0.0	6.0	16.0	27.7	41.9	57.9	76.1	96.3	118.7	142.5	167.1
25°	0.0	6.2	16.5	28.5	43.1	59.8	78.7	99.8	122.9	147.5	172.7
22.5°	0.0	6.3	17.0	29.2	44.3	61.5	81.1	102.9	126.8	152.0	178.4
20°	0.0	6.4	17.4	29.8	45.2	62.9	83.3	105.7	130.2	156.1	183.4
17.5°	0.0	6.5	17.7	30.3	46.1	64.2	85.2	108.2	133.3	159.7	187.8
15°	0.0	6.6	18.1	30.8	46.8	65.3	86.8	110.3	135.9	162.8	191.6
12.5°	0.0	6.6	18.4	31.1	47.5	66.1	88.3	112.2	138.1	165.5	194.7
10°	0.0	6.7	18.6	31.4	47.9	66.8	89.4	113.7	139.9	167.9	197.6
7.5°	0.0	6.7	18.8	31.6	48.3	67.4	90.4	114.9	141.2	169.9	200.5
5°	0.0	6.8	19.0	31.7	48.5	67.7	91.1	115.7	142.0	171.4	202.8
2.5°	0.0	6.8	19.1	31.7	48.6	67.8	91.5	116.2	142.4	172.4	204.6
0°	0.0	6.8	19.2	31.7	48.6	67.8	91.6	116.4	142.4	172.9	205.7
-2.5°	0.0	6.8	19.1	31.7	48.6	67.8	91.5	116.2	142.4	172.4	204.6
-5°	0.0	6.8	19.0	31.7	48.5	67.7	91.1	115.7	142.0	171.4	202.8
-7.5°	0.0	6.7	18.8	31.6	48.3	67.4	90.4	114.9	141.2	169.9	200.5
-10°	0.0	6.7	18.6	31.4	47.9	66.8	89.4	113.7	139.9	167.9	197.6
-12.5°	0.0	6.6	18.4	31.1	47.5	66.1	88.3	112.2	138.1	165.5	194.7
-15°	0.0	6.6	18.1	30.8	46.8	65.3	86.8	110.3	135.9	162.8	191.6
-17.5°	0.0	6.5	17.7	30.3	46.1	64.2	85.2	108.2	133.3	159.7	187.8
-20°	0.0	6.4	17.4	29.8	45.2	62.9	83.3	105.7	130.2	156.1	183.4



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 CATALOG NUMBER: GFLD-SA2E-935-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	6.3	17.0	29.2	44.3	61.5	81.1	102.9	126.8	152.0	178.4
-25°	0.0	6.2	16.5	28.5	43.1	59.8	78.7	99.8	122.9	147.5	172.7
-27.5°	0.0	6.0	16.0	27.7	41.9	57.9	76.1	96.3	118.7	142.5	167.1
-30°	0.0	5.9	15.5	26.8	40.6	55.9	73.3	92.6	114.3	137.3	161.1
-32.5°	0.0	5.7	14.9	25.9	39.0	53.6	70.3	88.9	109.6	131.7	154.5
-35°	0.0	5.6	14.3	24.8	37.3	51.1	67.3	85.1	104.6	125.7	147.6
-37.5°	0.0	5.4	13.7	23.7	35.5	48.6	64.2	81.1	99.3	119.4	140.3
-40°	0.0	5.2	13.0	22.5	33.6	46.3	60.9	76.9	93.5	112.9	132.7
-42.5°	0.0	5.0	12.3	21.2	31.8	43.8	57.3	72.5	88.2	106.1	124.7
-45°	0.0	4.8	11.6	19.9	30.0	41.2	53.6	68.0	82.9	99.1	116.5
-47.5°	0.0	4.6	10.9	18.5	28.2	38.5	49.6	63.3	77.5	91.9	108.5
-50°	0.0	4.4	10.1	17.3	26.3	35.7	46.1	58.5	71.8	85.5	100.2
-52.5°	0.0	4.1	9.3	16.2	24.4	32.7	42.6	53.4	65.9	78.7	91.9
-55°	0.0	3.9	8.5	15.0	22.5	30.2	39.0	48.2	59.9	71.7	84.0
-57.5°	0.0	3.7	7.6	13.8	20.5	27.8	35.3	43.9	53.7	64.6	75.8
-60°	0.0	3.4	6.8	12.5	18.4	25.2	31.6	39.5	47.6	57.5	67.5
-62.5°	0.0	3.1	6.3	11.2	16.6	22.7	28.6	35.0	42.4	50.1	59.4
-65°	0.0	2.9	5.7	9.8	14.8	20.1	25.6	30.7	37.2	43.9	51.1
-67.5°	0.0	2.6	5.2	8.5	13.0	17.6	22.6	27.2	31.8	37.9	43.9
-70°	0.0	2.3	4.6	7.1	11.1	15.2	19.5	23.6	27.7	31.8	37.2
-72.5°	0.0	2.0	4.1	6.1	9.1	12.7	16.5	20.0	23.4	27.0	30.6
-75°	0.0	1.8	3.5	5.3	7.2	10.2	13.4	16.4	19.1	22.1	25.1
-77.5°	0.0	1.5	2.9	4.4	5.9	7.7	10.3	12.8	15.1	17.3	19.5
-80°	0.0	1.2	2.4	3.5	4.7	5.9	7.2	9.2	11.1	12.9	14.5
-82.5°	0.0	0.9	1.8	2.7	3.5	4.4	5.3	6.1	7.1	8.5	9.8
-85°	0.0	0.6	1.2	1.8	2.4	2.9	3.5	4.1	4.6	5.2	5.7
-87.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.0	2.3	2.6	2.9
-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):

	-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°	3.1	3.4	3.7	3.9	4.1	4.4	4.6	4.8	5.0	5.2	5.4
85°	6.3	6.8	7.6	8.5	9.2	9.9	10.5	11.0	11.6	12.2	12.8
82.5°	11.1	12.4	13.7	14.9	15.9	16.8	17.7	18.9	20.3	21.7	23.0
80°	16.3	18.0	20.1	22.3	24.2	26.2	28.1	30.0	31.9	33.9	35.9
77.5°	22.2	24.9	27.7	30.6	33.3	36.5	39.6	42.8	45.6	48.1	50.4
75°	28.4	31.8	35.9	40.2	44.2	48.2	52.2	56.6	60.4	63.9	67.1
72.5°	35.1	40.1	45.1	50.1	55.7	61.1	66.4	71.4	76.1	80.4	84.7
70°	42.6	48.3	55.0	61.8	68.3	74.5	80.6	86.3	91.7	97.3	103.4
67.5°	50.3	58.2	65.9	73.5	81.1	88.2	94.9	102.2	109.4	116.5	123.4
65°	59.4	68.1	77.0	85.8	94.1	102.6	111.1	119.4	128.0	136.1	143.7
62.5°	68.5	78.5	88.4	98.1	108.0	117.6	127.6	137.4	146.9	156.8	166.3
60°	78.1	89.1	99.9	110.8	121.9	133.4	144.5	156.1	167.7	178.9	189.6
57.5°	87.6	99.5	111.4	123.7	136.6	149.3	162.5	175.4	188.7	201.4	212.5
55°	96.8	109.7	123.0	137.2	151.3	166.0	180.6	195.7	210.0	220.7	230.8
52.5°	106.2	120.0	135.3	150.6	166.4	182.8	199.9	214.4	226.4	235.5	237.7
50°	115.3	131.1	147.2	164.1	181.6	200.1	216.5	229.6	236.3	238.9	237.5
47.5°	124.9	141.9	159.2	177.4	197.0	214.7	230.1	236.8	240.0	236.5	232.2
45°	134.5	152.7	171.0	191.0	210.5	227.3	236.0	240.8	236.4	232.3	229.3
42.5°	143.7	163.1	183.2	203.9	222.0	233.9	239.3	236.6	232.9	229.7	230.8
40°	152.8	173.2	195.2	214.6	231.0	237.0	236.1	232.7	230.6	232.0	236.6
37.5°	161.5	183.8	206.3	225.0	233.9	236.3	232.3	230.1	231.7	237.0	247.2
35°	169.8	193.9	215.4	231.1	237.0	232.8	229.9	229.6	235.6	246.4	261.6
32.5°	178.2	203.6	223.9	233.7	234.7	230.1	227.9	233.0	242.6	256.9	282.4
30°	186.4	211.1	230.1	236.1	232.0	228.4	229.7	237.1	250.1	273.9	315.1
27.5°	193.9	217.8	232.1	235.0	229.7	226.7	232.3	243.5	262.4	294.1	352.9
25°	200.7	223.9	233.9	232.8	228.2	227.8	235.4	249.3	275.3	326.6	407.1
22.5°	206.3	229.5	235.6	230.8	226.6	229.6	240.3	259.5	294.3	357.2	463.7
20°	210.9	230.9	235.2	228.9	225.1	231.1	244.6	269.6	319.9	405.2	527.4
17.5°	215.1	232.1	233.7	227.7	226.0	233.5	249.1	278.6	342.7	446.4	588.7
15°	218.7	233.2	232.2	226.6	227.1	236.7	256.5	295.5	370.0	485.2	643.6
12.5°	221.9	234.1	230.7	225.6	227.9	239.3	262.7	310.9	396.9	527.3	731.8
10°	224.6	234.9	229.4	224.9	228.5	241.4	267.8	323.1	417.7	563.1	805.7
7.5°	227.0	235.5	228.3	224.3	228.8	243.0	271.7	332.0	432.4	591.7	861.1
5°	228.8	235.9	227.7	224.0	229.6	244.7	274.5	337.8	441.4	612.6	898.1
2.5°	230.0	236.1	227.3	223.9	230.7	247.0	276.9	342.7	449.5	622.9	924.5
0°	230.6	236.2	227.2	223.8	231.7	248.7	278.1	344.8	453.3	622.8	940.5
-2.5°	230.0	236.1	227.3	223.9	230.7	247.0	276.9	342.7	449.5	622.9	924.5
-5°	228.8	235.9	227.7	224.0	229.6	244.7	274.5	337.8	441.4	612.6	898.1
-7.5°	227.0	235.5	228.3	224.3	228.8	243.0	271.7	332.0	432.4	591.7	861.1
-10°	224.6	234.9	229.4	224.9	228.5	241.4	267.8	323.1	417.7	563.1	805.7
-12.5°	221.9	234.1	230.7	225.6	227.9	239.3	262.7	310.9	396.9	527.3	731.8
-15°	218.7	233.2	232.2	226.6	227.1	236.7	256.5	295.5	370.0	485.2	643.6
-17.5°	215.1	232.1	233.7	227.7	226.0	233.5	249.1	278.6	342.7	446.4	588.7
-20°	210.9	230.9	235.2	228.9	225.1	231.1	244.6	269.6	319.9	405.2	527.4



REPORT NUMBER: P558732 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	206.3	229.5	235.6	230.8	226.6	229.6	240.3	259.5	294.3	357.2	463.7
-25°	200.7	223.9	233.9	232.8	228.2	227.8	235.4	249.3	275.3	326.6	407.1
-27.5°	193.9	217.8	232.1	235.0	229.7	226.7	232.3	243.5	262.4	294.1	352.9
-30°	186.4	211.1	230.1	236.1	232.0	228.4	229.7	237.1	250.1	273.9	315.1
-32.5°	178.2	203.6	223.9	233.7	234.7	230.1	227.9	233.0	242.6	256.9	282.4
-35°	169.8	193.9	215.4	231.1	237.0	232.8	229.9	229.6	235.6	246.4	261.6
-37.5°	161.5	183.8	206.3	225.0	233.9	236.3	232.3	230.1	231.7	237.0	247.2
-40°	152.8	173.2	195.2	214.6	231.0	237.0	236.1	232.7	230.6	232.0	236.6
-42.5°	143.7	163.1	183.2	203.9	222.0	233.9	239.3	236.6	232.9	229.7	230.8
-45°	134.5	152.7	171.0	191.0	210.5	227.3	236.0	240.8	236.4	232.3	229.3
-47.5°	124.9	141.9	159.2	177.4	197.0	214.7	230.1	236.8	240.0	236.5	232.2
-50°	115.3	131.1	147.2	164.1	181.6	200.1	216.5	229.6	236.3	238.9	237.5
-52.5°	106.2	120.0	135.3	150.6	166.4	182.8	199.9	214.4	226.4	235.5	237.7
-55°	96.8	109.7	123.0	137.2	151.3	166.0	180.6	195.7	210.0	220.7	230.8
-57.5°	87.6	99.5	111.4	123.7	136.6	149.3	162.5	175.4	188.7	201.4	212.5
-60°	78.1	89.1	99.9	110.8	121.9	133.4	144.5	156.1	167.7	178.9	189.6
-62.5°	68.5	78.5	88.4	98.1	108.0	117.6	127.6	137.4	146.9	156.8	166.3
-65°	59.4	68.1	77.0	85.8	94.1	102.6	111.1	119.4	128.0	136.1	143.7
-67.5°	50.3	58.2	65.9	73.5	81.1	88.2	94.9	102.2	109.4	116.5	123.4
-70°	42.6	48.3	55.0	61.8	68.3	74.5	80.6	86.3	91.7	97.3	103.4
-72.5°	35.1	40.1	45.1	50.1	55.7	61.1	66.4	71.4	76.1	80.4	84.7
-75°	28.4	31.8	35.9	40.2	44.2	48.2	52.2	56.6	60.4	63.9	67.1
-77.5°	22.2	24.9	27.7	30.6	33.3	36.5	39.6	42.8	45.6	48.1	50.4
-80°	16.3	18.0	20.1	22.3	24.2	26.2	28.1	30.0	31.9	33.9	35.9
-82.5°	11.1	12.4	13.7	14.9	15.9	16.8	17.7	18.9	20.3	21.7	23.0
-85°	6.3	6.8	7.6	8.5	9.2	9.9	10.5	11.0	11.6	12.2	12.8
-87.5°	3.1	3.4	3.7	3.9	4.1	4.4	4.6	4.8	5.0	5.2	5.4
-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: P558732 (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°	5.6	5.5	5.4	5.3	5.2	5.3	5.4	5.4	5.5	5.8	6.2
85°	13.3	13.9	14.5	15.1	15.8	16.2	16.6	16.9	17.3	17.5	17.7
82.5°	24.2	25.5	26.6	27.7	28.6	29.4	30.1	30.7	31.3	31.7	32.1
80°	37.7	39.4	40.9	42.2	43.3	44.3	45.2	45.9	46.4	47.6	48.7
77.5°	52.8	55.1	57.3	59.2	61.0	62.8	64.5	66.0	67.3	68.3	69.1
75°	70.2	73.2	76.2	78.9	81.4	84.0	86.5	88.8	90.9	92.3	93.3
72.5°	89.0	93.0	96.7	100.1	103.2	106.4	109.5	112.3	114.7	116.6	118.1
70°	109.1	114.3	118.5	122.5	126.4	130.3	134.1	137.5	140.4	142.7	144.7
67.5°	129.9	135.9	141.2	146.4	151.6	156.4	161.1	165.4	169.3	172.3	174.4
65°	151.2	158.9	165.9	172.2	178.0	183.5	189.3	194.6	199.5	203.4	206.5
62.5°	175.2	183.9	191.8	199.0	205.4	210.5	216.0	221.1	225.6	229.7	233.9
60°	199.8	209.5	216.5	222.5	228.1	233.1	234.9	236.8	238.3	239.6	241.3
57.5°	221.3	229.6	235.6	237.0	238.2	239.2	238.6	236.6	234.6	232.6	231.0
55°	236.3	238.6	241.3	239.2	235.9	232.8	230.1	228.2	226.4	224.9	223.5
52.5°	240.2	238.0	235.2	232.2	229.8	227.5	225.1	225.5	226.3	226.8	227.1
50°	234.4	231.7	230.2	228.5	228.8	229.9	230.9	233.2	236.0	237.9	239.6
47.5°	229.9	228.1	230.4	233.3	235.9	240.8	245.1	249.4	255.9	261.1	265.2
45°	228.6	232.9	237.3	244.4	250.6	261.3	271.3	279.7	295.3	309.6	320.9
42.5°	235.1	242.5	250.5	264.2	278.9	297.8	322.1	342.6	366.6	389.1	405.3
40°	245.8	256.6	274.7	296.7	331.1	361.7	401.9	436.3	468.7	502.9	528.7
37.5°	261.1	281.3	315.2	354.7	407.0	457.1	512.6	566.4	612.3	681.6	735.9
35°	283.9	324.9	373.0	438.9	507.2	584.1	665.1	769.5	861.4	969.3	1070.7
32.5°	325.4	380.9	456.2	545.5	636.1	768.9	894.0	1063.7	1216.2	1406.4	1611.0
30°	374.0	456.8	558.0	674.5	838.7	1021.3	1227.1	1487.3	1796.5	2164.7	2658.8
27.5°	440.9	547.2	674.5	863.4	1096.4	1341.0	1705.9	2143.4	2940.5	3635.3	4556.0
25°	513.0	642.8	844.2	1098.0	1404.6	1845.1	2558.6	3468.8	4758.1	5990.8	6976.4
22.5°	596.1	785.8	1040.0	1355.9	1852.0	2704.9	3812.7	5415.7	6853.3	8096.7	9054.2
20°	688.2	926.0	1267.7	1750.4	2595.2	3844.5	5622.8	7267.9	8736.2	9806.6	10652.7
17.5°	807.3	1118.0	1551.5	2217.7	3514.4	5439.3	7272.6	8898.6	10176.2	11116.6	11866.7
15°	918.6	1294.8	1856.6	2993.1	4763.0	6820.3	8699.5	10150.0	11255.6	12130.7	12805.1
12.5°	1049.9	1493.4	2213.2	3663.1	5911.1	7959.7	9712.6	11067.1	12131.8	12952.0	13855.8
10°	1166.9	1707.0	2724.2	4555.8	6854.0	8855.1	10557.4	11774.7	12842.3	13911.2	15266.4
7.5°	1263.4	1886.4	3143.2	5309.1	7577.9	9517.5	11068.3	12284.5	13461.2	14888.9	16843.6
5°	1340.1	2021.6	3488.0	5877.8	8104.1	9990.2	11458.5	12691.3	14020.3	15930.2	18553.3
2.5°	1391.4	2110.2	3703.5	6221.4	8436.1	10261.4	11747.7	12957.3	14350.8	16513.2	19253.7
0°	1411.8	2151.1	3648.8	6283.7	8456.2	10349.6	11790.8	13056.8	14444.9	16610.7	19382.3
-2.5°	1391.4	2110.2	3703.5	6221.4	8436.1	10261.4	11747.7	12957.3	14350.8	16513.2	19253.7
-5°	1340.1	2021.6	3488.0	5877.8	8104.1	9990.2	11458.5	12691.3	14020.3	15930.2	18553.3
-7.5°	1263.4	1886.4	3143.2	5309.1	7577.9	9517.5	11068.3	12284.5	13461.2	14888.9	16843.6
-10°	1166.9	1707.0	2724.2	4555.8	6854.0	8855.1	10557.4	11774.7	12842.3	13911.2	15266.4
-12.5°	1049.9	1493.4	2213.2	3663.1	5911.1	7959.7	9712.6	11067.1	12131.8	12952.0	13855.8
-15°	918.6	1294.8	1856.6	2993.1	4763.0	6820.3	8699.5	10150.0	11255.6	12130.7	12805.1
-17.5°	807.3	1118.0	1551.5	2217.7	3514.4	5439.3	7272.6	8898.6	10176.2	11116.6	11866.7
-20°	688.2	926.0	1267.7	1750.4	2595.2	3844.5	5622.8	7267.9	8736.2	9806.6	10652.7



REPORT NUMBER: P558732 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	596.1	785.8	1040.0	1355.9	1852.0	2704.9	3812.7	5415.7	6853.3	8096.7	9054.2
-25°	513.0	642.8	844.2	1098.0	1404.6	1845.1	2558.6	3468.8	4758.1	5990.8	6976.4
-27.5°	440.9	547.2	674.5	863.4	1096.4	1341.0	1705.9	2143.4	2940.5	3635.3	4556.0
-30°	374.0	456.8	558.0	674.5	838.7	1021.3	1227.1	1487.3	1796.5	2164.7	2658.8
-32.5°	325.4	380.9	456.2	545.5	636.1	768.9	894.0	1063.7	1216.2	1406.4	1611.0
-35°	283.9	324.9	373.0	438.9	507.2	584.1	665.1	769.5	861.4	969.3	1070.7
-37.5°	261.1	281.3	315.2	354.7	407.0	457.1	512.6	566.4	612.3	681.6	735.9
-40°	245.8	256.6	274.7	296.7	331.1	361.7	401.9	436.3	468.7	502.9	528.7
-42.5°	235.1	242.5	250.5	264.2	278.9	297.8	322.1	342.6	366.6	389.1	405.3
-45°	228.6	232.9	237.3	244.4	250.6	261.3	271.3	279.7	295.3	309.6	320.9
-47.5°	229.9	228.1	230.4	233.3	235.9	240.8	245.1	249.4	255.9	261.1	265.2
-50°	234.4	231.7	230.2	228.5	228.8	229.9	230.9	233.2	236.0	237.9	239.6
-52.5°	240.2	238.0	235.2	232.2	229.8	227.5	225.1	225.5	226.3	226.8	227.1
-55°	236.3	238.6	241.3	239.2	235.9	232.8	230.1	228.2	226.4	224.9	223.5
-57.5°	221.3	229.6	235.6	237.0	238.2	239.2	238.6	236.6	234.6	232.6	231.0
-60°	199.8	209.5	216.5	222.5	228.1	233.1	234.9	236.8	238.3	239.6	241.3
-62.5°	175.2	183.9	191.8	199.0	205.4	210.5	216.0	221.1	225.6	229.7	233.9
-65°	151.2	158.9	165.9	172.2	178.0	183.5	189.3	194.6	199.5	203.4	206.5
-67.5°	129.9	135.9	141.2	146.4	151.6	156.4	161.1	165.4	169.3	172.3	174.4
-70°	109.1	114.3	118.5	122.5	126.4	130.3	134.1	137.5	140.4	142.7	144.7
-72.5°	89.0	93.0	96.7	100.1	103.2	106.4	109.5	112.3	114.7	116.6	118.1
-75°	70.2	73.2	76.2	78.9	81.4	84.0	86.5	88.8	90.9	92.3	93.3
-77.5°	52.8	55.1	57.3	59.2	61.0	62.8	64.5	66.0	67.3	68.3	69.1
-80°	37.7	39.4	40.9	42.2	43.3	44.3	45.2	45.9	46.4	47.6	48.7
-82.5°	24.2	25.5	26.6	27.7	28.6	29.4	30.1	30.7	31.3	31.7	32.1
-85°	13.3	13.9	14.5	15.1	15.8	16.2	16.6	16.9	17.3	17.5	17.7
-87.5°	5.6	5.5	5.4	5.3	5.2	5.3	5.4	5.4	5.5	5.8	6.2
-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: P558732 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.5	6.8	6.8	6.8	6.8	6.8	6.5	6.2	5.8	5.5	5.4
85°	17.9	18.0	18.6	19.2	18.6	18.0	17.9	17.7	17.5	17.3	16.9
82.5°	32.4	32.6	32.8	32.8	32.8	32.6	32.4	32.1	31.7	31.3	30.7
80°	49.7	50.6	50.2	49.7	50.2	50.6	49.7	48.7	47.6	46.4	45.9
77.5°	69.5	69.7	69.5	69.0	69.5	69.7	69.5	69.1	68.3	67.3	66.0
75°	94.0	94.4	94.9	95.0	94.9	94.4	94.0	93.3	92.3	90.9	88.8
72.5°	119.3	120.2	120.2	119.8	120.2	120.2	119.3	118.1	116.6	114.7	112.3
70°	146.2	147.2	147.9	148.1	147.9	147.2	146.2	144.7	142.7	140.4	137.5
67.5°	175.7	176.5	177.2	177.5	177.2	176.5	175.7	174.4	172.3	169.3	165.4
65°	209.0	211.0	211.7	211.4	211.7	211.0	209.0	206.5	203.4	199.5	194.6
62.5°	237.7	241.2	242.6	243.0	242.6	241.2	237.7	233.9	229.7	225.6	221.1
60°	242.7	243.9	244.2	244.2	244.2	243.9	242.7	241.3	239.6	238.3	236.8
57.5°	229.5	228.2	227.4	227.2	227.4	228.2	229.5	231.0	232.6	234.6	236.6
55°	222.2	221.1	220.5	220.4	220.5	221.1	222.2	223.5	224.9	226.4	228.2
52.5°	227.2	227.0	227.5	228.3	227.5	227.0	227.2	227.1	226.8	226.3	225.5
50°	241.1	242.0	243.1	244.2	243.1	242.0	241.1	239.6	237.9	236.0	233.2
47.5°	268.2	269.8	270.7	271.3	270.7	269.8	268.2	265.2	261.1	255.9	249.4
45°	328.2	332.1	334.0	334.6	334.0	332.1	328.2	320.9	309.6	295.3	279.7
42.5°	416.1	422.0	424.5	425.0	424.5	422.0	416.1	405.3	389.1	366.6	342.6
40°	547.1	557.6	562.7	566.3	562.7	557.6	547.1	528.7	502.9	468.7	436.3
37.5°	776.5	802.9	817.9	830.8	817.9	802.9	776.5	735.9	681.6	612.3	566.4
35°	1153.2	1213.6	1249.2	1257.0	1249.2	1213.6	1153.2	1070.7	969.3	861.4	769.5
32.5°	1768.5	1887.1	1958.0	1966.8	1958.0	1887.1	1768.5	1611.0	1406.4	1216.2	1063.7
30°	3042.4	3374.5	3602.2	3570.8	3602.2	3374.5	3042.4	2658.8	2164.7	1796.5	1487.3
27.5°	5310.2	5912.5	6303.8	6271.3	6303.8	5912.5	5310.2	4556.0	3635.3	2940.5	2143.4
25°	7734.1	8288.5	8615.7	8736.6	8615.7	8288.5	7734.1	6976.4	5990.8	4758.1	3468.8
22.5°	9713.4	10209.1	10492.1	10661.6	10492.1	10209.1	9713.4	9054.2	8096.7	6853.3	5415.7
20°	11230.0	11659.8	11903.3	12007.8	11903.3	11659.8	11230.0	10652.7	9806.6	8736.2	7267.9
17.5°	12396.6	12756.5	13032.2	13103.2	13032.2	12756.5	12396.6	11866.7	11116.6	10176.2	8898.6
15°	13428.6	13893.5	14218.6	14339.8	14218.6	13893.5	13428.6	12805.1	12130.7	11255.6	10150.0
12.5°	14730.0	15538.2	15967.9	16067.0	15967.9	15538.2	14730.0	13855.8	12952.0	12131.8	11067.1
10°	16653.5	17895.8	18036.6	17843.9	18036.6	17895.8	16653.5	15266.4	13911.2	12842.3	11774.7
7.5°	19454.8	21111.3	20753.2	20156.6	20753.2	21111.3	19454.8	16843.6	14888.9	13461.2	12284.5
5°	21459.5	23759.5	23830.9	23392.9	23830.9	23759.5	21459.5	18553.3	15930.2	14020.3	12691.3
2.5°	22257.6	24625.1	25803.5	25996.7	25803.5	24625.1	22257.6	19253.7	16513.2	14350.8	12957.3
0°	22317.3	24904.1	26301.2	26648.3	26301.2	24904.1	22317.3	19382.3	16610.7	14444.9	13056.8
-2.5°	22257.6	24625.1	25803.5	25996.7	25803.5	24625.1	22257.6	19253.7	16513.2	14350.8	12957.3
-5°	21459.5	23759.5	23830.9	23392.9	23830.9	23759.5	21459.5	18553.3	15930.2	14020.3	12691.3
-7.5°	19454.8	21111.3	20753.2	20156.6	20753.2	21111.3	19454.8	16843.6	14888.9	13461.2	12284.5
-10°	16653.5	17895.8	18036.6	17843.9	18036.6	17895.8	16653.5	15266.4	13911.2	12842.3	11774.7
-12.5°	14730.0	15538.2	15967.9	16067.0	15967.9	15538.2	14730.0	13855.8	12952.0	12131.8	11067.1
-15°	13428.6	13893.5	14218.6	14339.8	14218.6	13893.5	13428.6	12805.1	12130.7	11255.6	10150.0
-17.5°	12396.6	12756.5	13032.2	13103.2	13032.2	12756.5	12396.6	11866.7	11116.6	10176.2	8898.6
-20°	11230.0	11659.8	11903.3	12007.8	11903.3	11659.8	11230.0	10652.7	9806.6	8736.2	7267.9



REPORT NUMBER: P558732 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-935-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°	9713.4	10209.1	10492.1	10661.6	10492.1	10209.1	9713.4	9054.2	8096.7	6853.3	5415.7
-25°	7734.1	8288.5	8615.7	8736.6	8615.7	8288.5	7734.1	6976.4	5990.8	4758.1	3468.8
-27.5°	5310.2	5912.5	6303.8	6271.3	6303.8	5912.5	5310.2	4556.0	3635.3	2940.5	2143.4
-30°	3042.4	3374.5	3602.2	3570.8	3602.2	3374.5	3042.4	2658.8	2164.7	1796.5	1487.3
-32.5°	1768.5	1887.1	1958.0	1966.8	1958.0	1887.1	1768.5	1611.0	1406.4	1216.2	1063.7
-35°	1153.2	1213.6	1249.2	1257.0	1249.2	1213.6	1153.2	1070.7	969.3	861.4	769.5
-37.5°	776.5	802.9	817.9	830.8	817.9	802.9	776.5	735.9	681.6	612.3	566.4
-40°	547.1	557.6	562.7	566.3	562.7	557.6	547.1	528.7	502.9	468.7	436.3
-42.5°	416.1	422.0	424.5	425.0	424.5	422.0	416.1	405.3	389.1	366.6	342.6
-45°	328.2	332.1	334.0	334.6	334.0	332.1	328.2	320.9	309.6	295.3	279.7
-47.5°	268.2	269.8	270.7	271.3	270.7	269.8	268.2	265.2	261.1	255.9	249.4
-50°	241.1	242.0	243.1	244.2	243.1	242.0	241.1	239.6	237.9	236.0	233.2
-52.5°	227.2	227.0	227.5	228.3	227.5	227.0	227.2	227.1	226.8	226.3	225.5
-55°	222.2	221.1	220.5	220.4	220.5	221.1	222.2	223.5	224.9	226.4	228.2
-57.5°	229.5	228.2	227.4	227.2	227.4	228.2	229.5	231.0	232.6	234.6	236.6
-60°	242.7	243.9	244.2	244.2	244.2	243.9	242.7	241.3	239.6	238.3	236.8
-62.5°	237.7	241.2	242.6	243.0	242.6	241.2	237.7	233.9	229.7	225.6	221.1
-65°	209.0	211.0	211.7	211.4	211.7	211.0	209.0	206.5	203.4	199.5	194.6
-67.5°	175.7	176.5	177.2	177.5	177.2	176.5	175.7	174.4	172.3	169.3	165.4
-70°	146.2	147.2	147.9	148.1	147.9	147.2	146.2	144.7	142.7	140.4	137.5
-72.5°	119.3	120.2	120.2	119.8	120.2	120.2	119.3	118.1	116.6	114.7	112.3
-75°	94.0	94.4	94.9	95.0	94.9	94.4	94.0	93.3	92.3	90.9	88.8
-77.5°	69.5	69.7	69.5	69.0	69.5	69.7	69.5	69.1	68.3	67.3	66.0
-80°	49.7	50.6	50.2	49.7	50.2	50.6	49.7	48.7	47.6	46.4	45.9
-82.5°	32.4	32.6	32.8	32.8	32.8	32.6	32.4	32.1	31.7	31.3	30.7
-85°	17.9	18.0	18.6	19.2	18.6	18.0	17.9	17.7	17.5	17.3	16.9
-87.5°	6.5	6.8	6.8	6.8	6.8	6.8	6.5	6.2	5.8	5.5	5.4
-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: P558732 (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°	5.4	5.3	5.2	5.3	5.4	5.5	5.6	5.4	5.2	5.0	4.8
85°	16.6	16.2	15.8	15.1	14.5	13.9	13.3	12.8	12.2	11.6	11.0
82.5°	30.1	29.4	28.6	27.7	26.6	25.5	24.2	23.0	21.7	20.3	18.9
80°	45.2	44.3	43.3	42.2	40.9	39.4	37.7	35.9	33.9	31.9	30.0
77.5°	64.5	62.8	61.0	59.2	57.3	55.1	52.8	50.4	48.1	45.6	42.8
75°	86.5	84.0	81.4	78.9	76.2	73.2	70.2	67.1	63.9	60.4	56.6
72.5°	109.5	106.4	103.2	100.1	96.7	93.0	89.0	84.7	80.4	76.1	71.4
70°	134.1	130.3	126.4	122.5	118.5	114.3	109.1	103.4	97.3	91.7	86.3
67.5°	161.1	156.4	151.6	146.4	141.2	135.9	129.9	123.4	116.5	109.4	102.2
65°	189.3	183.5	178.0	172.2	165.9	158.9	151.2	143.7	136.1	128.0	119.4
62.5°	216.0	210.5	205.4	199.0	191.8	183.9	175.2	166.3	156.8	146.9	137.4
60°	234.9	233.1	228.1	222.5	216.5	209.5	199.8	189.6	178.9	167.7	156.1
57.5°	238.6	239.2	238.2	237.0	235.6	229.6	221.3	212.5	201.4	188.7	175.4
55°	230.1	232.8	235.9	239.2	241.3	238.6	236.3	230.8	220.7	210.0	195.7
52.5°	225.1	227.5	229.8	232.2	235.2	238.0	240.2	237.7	235.5	226.4	214.4
50°	230.9	229.9	228.8	228.5	230.2	231.7	234.4	237.5	238.9	236.3	229.6
47.5°	245.1	240.8	235.9	233.3	230.4	228.1	229.9	232.2	236.5	240.0	236.8
45°	271.3	261.3	250.6	244.4	237.3	232.9	228.6	229.3	232.3	236.4	240.8
42.5°	322.1	297.8	278.9	264.2	250.5	242.5	235.1	230.8	229.7	232.9	236.6
40°	401.9	361.7	331.1	296.7	274.7	256.6	245.8	236.6	232.0	230.6	232.7
37.5°	512.6	457.1	407.0	354.7	315.2	281.3	261.1	247.2	237.0	231.7	230.1
35°	665.1	584.1	507.2	438.9	373.0	324.9	283.9	261.6	246.4	235.6	229.6
32.5°	894.0	768.9	636.1	545.5	456.2	380.9	325.4	282.4	256.9	242.6	233.0
30°	1227.1	1021.3	838.7	674.5	558.0	456.8	374.0	315.1	273.9	250.1	237.1
27.5°	1705.9	1341.0	1096.4	863.4	674.5	547.2	440.9	352.9	294.1	262.4	243.5
25°	2558.6	1845.1	1404.6	1098.0	844.2	642.8	513.0	407.1	326.6	275.3	249.3
22.5°	3812.7	2704.9	1852.0	1355.9	1040.0	785.8	596.1	463.7	357.2	294.3	259.5
20°	5622.8	3844.5	2595.2	1750.4	1267.7	926.0	688.2	527.4	405.2	319.9	269.6
17.5°	7272.6	5439.3	3514.4	2217.7	1551.5	1118.0	807.3	588.7	446.4	342.7	278.6
15°	8699.5	6820.3	4763.0	2993.1	1856.6	1294.8	918.6	643.6	485.2	370.0	295.5
12.5°	9712.6	7959.7	5911.1	3663.1	2213.2	1493.4	1049.9	731.8	527.3	396.9	310.9
10°	10557.4	8855.1	6854.0	4555.8	2724.2	1707.0	1166.9	805.7	563.1	417.7	323.1
7.5°	11068.3	9517.5	7577.9	5309.1	3143.2	1886.4	1263.4	861.1	591.7	432.4	332.0
5°	11458.5	9990.2	8104.1	5877.8	3488.0	2021.6	1340.1	898.1	612.6	441.4	337.8
2.5°	11747.7	10261.4	8436.1	6221.4	3703.5	2110.2	1391.4	924.5	622.9	449.5	342.7
0°	11790.8	10349.6	8456.2	6283.7	3648.8	2151.1	1411.8	940.5	622.8	453.3	344.8
-2.5°	11747.7	10261.4	8436.1	6221.4	3703.5	2110.2	1391.4	924.5	622.9	449.5	342.7
-5°	11458.5	9990.2	8104.1	5877.8	3488.0	2021.6	1340.1	898.1	612.6	441.4	337.8
-7.5°	11068.3	9517.5	7577.9	5309.1	3143.2	1886.4	1263.4	861.1	591.7	432.4	332.0
-10°	10557.4	8855.1	6854.0	4555.8	2724.2	1707.0	1166.9	805.7	563.1	417.7	323.1
-12.5°	9712.6	7959.7	5911.1	3663.1	2213.2	1493.4	1049.9	731.8	527.3	396.9	310.9
-15°	8699.5	6820.3	4763.0	2993.1	1856.6	1294.8	918.6	643.6	485.2	370.0	295.5
-17.5°	7272.6	5439.3	3514.4	2217.7	1551.5	1118.0	807.3	588.7	446.4	342.7	278.6
-20°	5622.8	3844.5	2595.2	1750.4	1267.7	926.0	688.2	527.4	405.2	319.9	269.6



REPORT NUMBER: P558732 (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°	3812.7	2704.9	1852.0	1355.9	1040.0	785.8	596.1	463.7	357.2	294.3	259.5
-25°	2558.6	1845.1	1404.6	1098.0	844.2	642.8	513.0	407.1	326.6	275.3	249.3
-27.5°	1705.9	1341.0	1096.4	863.4	674.5	547.2	440.9	352.9	294.1	262.4	243.5
-30°	1227.1	1021.3	838.7	674.5	558.0	456.8	374.0	315.1	273.9	250.1	237.1
-32.5°	894.0	768.9	636.1	545.5	456.2	380.9	325.4	282.4	256.9	242.6	233.0
-35°	665.1	584.1	507.2	438.9	373.0	324.9	283.9	261.6	246.4	235.6	229.6
-37.5°	512.6	457.1	407.0	354.7	315.2	281.3	261.1	247.2	237.0	231.7	230.1
-40°	401.9	361.7	331.1	296.7	274.7	256.6	245.8	236.6	232.0	230.6	232.7
-42.5°	322.1	297.8	278.9	264.2	250.5	242.5	235.1	230.8	229.7	232.9	236.6
-45°	271.3	261.3	250.6	244.4	237.3	232.9	228.6	229.3	232.3	236.4	240.8
-47.5°	245.1	240.8	235.9	233.3	230.4	228.1	229.9	232.2	236.5	240.0	236.8
-50°	230.9	229.9	228.8	228.5	230.2	231.7	234.4	237.5	238.9	236.3	229.6
-52.5°	225.1	227.5	229.8	232.2	235.2	238.0	240.2	237.7	235.5	226.4	214.4
-55°	230.1	232.8	235.9	239.2	241.3	238.6	236.3	230.8	220.7	210.0	195.7
-57.5°	238.6	239.2	238.2	237.0	235.6	229.6	221.3	212.5	201.4	188.7	175.4
-60°	234.9	233.1	228.1	222.5	216.5	209.5	199.8	189.6	178.9	167.7	156.1
-62.5°	216.0	210.5	205.4	199.0	191.8	183.9	175.2	166.3	156.8	146.9	137.4
-65°	189.3	183.5	178.0	172.2	165.9	158.9	151.2	143.7	136.1	128.0	119.4
-67.5°	161.1	156.4	151.6	146.4	141.2	135.9	129.9	123.4	116.5	109.4	102.2
-70°	134.1	130.3	126.4	122.5	118.5	114.3	109.1	103.4	97.3	91.7	86.3
-72.5°	109.5	106.4	103.2	100.1	96.7	93.0	89.0	84.7	80.4	76.1	71.4
-75°	86.5	84.0	81.4	78.9	76.2	73.2	70.2	67.1	63.9	60.4	56.6
-77.5°	64.5	62.8	61.0	59.2	57.3	55.1	52.8	50.4	48.1	45.6	42.8
-80°	45.2	44.3	43.3	42.2	40.9	39.4	37.7	35.9	33.9	31.9	30.0
-82.5°	30.1	29.4	28.6	27.7	26.6	25.5	24.2	23.0	21.7	20.3	18.9
-85°	16.6	16.2	15.8	15.1	14.5	13.9	13.3	12.8	12.2	11.6	11.0
-87.5°	5.4	5.3	5.2	5.3	5.4	5.5	5.6	5.4	5.2	5.0	4.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558732 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-935-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°	4.6	4.4	4.1	3.9	3.7	3.4	3.1	2.9	2.6	2.3	2.0
85°	10.5	9.9	9.2	8.5	7.6	6.8	6.3	5.7	5.2	4.6	4.1
82.5°	17.7	16.8	15.9	14.9	13.7	12.4	11.1	9.8	8.5	7.1	6.1
80°	28.1	26.2	24.2	22.3	20.1	18.0	16.3	14.5	12.9	11.1	9.2
77.5°	39.6	36.5	33.3	30.6	27.7	24.9	22.2	19.5	17.3	15.1	12.8
75°	52.2	48.2	44.2	40.2	35.9	31.8	28.4	25.1	22.1	19.1	16.4
72.5°	66.4	61.1	55.7	50.1	45.1	40.1	35.1	30.6	27.0	23.4	20.0
70°	80.6	74.5	68.3	61.8	55.0	48.3	42.6	37.2	31.8	27.7	23.6
67.5°	94.9	88.2	81.1	73.5	65.9	58.2	50.3	43.9	37.9	31.8	27.2
65°	111.1	102.6	94.1	85.8	77.0	68.1	59.4	51.1	43.9	37.2	30.7
62.5°	127.6	117.6	108.0	98.1	88.4	78.5	68.5	59.4	50.1	42.4	35.0
60°	144.5	133.4	121.9	110.8	99.9	89.1	78.1	67.5	57.5	47.6	39.5
57.5°	162.5	149.3	136.6	123.7	111.4	99.5	87.6	75.8	64.6	53.7	43.9
55°	180.6	166.0	151.3	137.2	123.0	109.7	96.8	84.0	71.7	59.9	48.2
52.5°	199.9	182.8	166.4	150.6	135.3	120.0	106.2	91.9	78.7	65.9	53.4
50°	216.5	200.1	181.6	164.1	147.2	131.1	115.3	100.2	85.5	71.8	58.5
47.5°	230.1	214.7	197.0	177.4	159.2	141.9	124.9	108.5	91.9	77.5	63.3
45°	236.0	227.3	210.5	191.0	171.0	152.7	134.5	116.5	99.1	82.9	68.0
42.5°	239.3	233.9	222.0	203.9	183.2	163.1	143.7	124.7	106.1	88.2	72.5
40°	236.1	237.0	231.0	214.6	195.2	173.2	152.8	132.7	112.9	93.5	76.9
37.5°	232.3	236.3	233.9	225.0	206.3	183.8	161.5	140.3	119.4	99.3	81.1
35°	229.9	232.8	237.0	231.1	215.4	193.9	169.8	147.6	125.7	104.6	85.1
32.5°	227.9	230.1	234.7	233.7	223.9	203.6	178.2	154.5	131.7	109.6	88.9
30°	229.7	228.4	232.0	236.1	230.1	211.1	186.4	161.1	137.3	114.3	92.6
27.5°	232.3	226.7	229.7	235.0	232.1	217.8	193.9	167.1	142.5	118.7	96.3
25°	235.4	227.8	228.2	232.8	233.9	223.9	200.7	172.7	147.5	122.9	99.8
22.5°	240.3	229.6	226.6	230.8	235.6	229.5	206.3	178.4	152.0	126.8	102.9
20°	244.6	231.1	225.1	228.9	235.2	230.9	210.9	183.4	156.1	130.2	105.7
17.5°	249.1	233.5	226.0	227.7	233.7	232.1	215.1	187.8	159.7	133.3	108.2
15°	256.5	236.7	227.1	226.6	232.2	233.2	218.7	191.6	162.8	135.9	110.3
12.5°	262.7	239.3	227.9	225.6	230.7	234.1	221.9	194.7	165.5	138.1	112.2
10°	267.8	241.4	228.5	224.9	229.4	234.9	224.6	197.6	167.9	139.9	113.7
7.5°	271.7	243.0	228.8	224.3	228.3	235.5	227.0	200.5	169.9	141.2	114.9
5°	274.5	244.7	229.6	224.0	227.7	235.9	228.8	202.8	171.4	142.0	115.7
2.5°	276.9	247.0	230.7	223.9	227.3	236.1	230.0	204.6	172.4	142.4	116.2
0°	278.1	248.7	231.7	223.8	227.2	236.2	230.6	205.7	172.9	142.4	116.4
-2.5°	276.9	247.0	230.7	223.9	227.3	236.1	230.0	204.6	172.4	142.4	116.2
-5°	274.5	244.7	229.6	224.0	227.7	235.9	228.8	202.8	171.4	142.0	115.7
-7.5°	271.7	243.0	228.8	224.3	228.3	235.5	227.0	200.5	169.9	141.2	114.9
-10°	267.8	241.4	228.5	224.9	229.4	234.9	224.6	197.6	167.9	139.9	113.7
-12.5°	262.7	239.3	227.9	225.6	230.7	234.1	221.9	194.7	165.5	138.1	112.2
-15°	256.5	236.7	227.1	226.6	232.2	233.2	218.7	191.6	162.8	135.9	110.3
-17.5°	249.1	233.5	226.0	227.7	233.7	232.1	215.1	187.8	159.7	133.3	108.2
-20°	244.6	231.1	225.1	228.9	235.2	230.9	210.9	183.4	156.1	130.2	105.7



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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°	240.3	229.6	226.6	230.8	235.6	229.5	206.3	178.4	152.0	126.8	102.9
-25°	235.4	227.8	228.2	232.8	233.9	223.9	200.7	172.7	147.5	122.9	99.8
-27.5°	232.3	226.7	229.7	235.0	232.1	217.8	193.9	167.1	142.5	118.7	96.3
-30°	229.7	228.4	232.0	236.1	230.1	211.1	186.4	161.1	137.3	114.3	92.6
-32.5°	227.9	230.1	234.7	233.7	223.9	203.6	178.2	154.5	131.7	109.6	88.9
-35°	229.9	232.8	237.0	231.1	215.4	193.9	169.8	147.6	125.7	104.6	85.1
-37.5°	232.3	236.3	233.9	225.0	206.3	183.8	161.5	140.3	119.4	99.3	81.1
-40°	236.1	237.0	231.0	214.6	195.2	173.2	152.8	132.7	112.9	93.5	76.9
-42.5°	239.3	233.9	222.0	203.9	183.2	163.1	143.7	124.7	106.1	88.2	72.5
-45°	236.0	227.3	210.5	191.0	171.0	152.7	134.5	116.5	99.1	82.9	68.0
-47.5°	230.1	214.7	197.0	177.4	159.2	141.9	124.9	108.5	91.9	77.5	63.3
-50°	216.5	200.1	181.6	164.1	147.2	131.1	115.3	100.2	85.5	71.8	58.5
-52.5°	199.9	182.8	166.4	150.6	135.3	120.0	106.2	91.9	78.7	65.9	53.4
-55°	180.6	166.0	151.3	137.2	123.0	109.7	96.8	84.0	71.7	59.9	48.2
-57.5°	162.5	149.3	136.6	123.7	111.4	99.5	87.6	75.8	64.6	53.7	43.9
-60°	144.5	133.4	121.9	110.8	99.9	89.1	78.1	67.5	57.5	47.6	39.5
-62.5°	127.6	117.6	108.0	98.1	88.4	78.5	68.5	59.4	50.1	42.4	35.0
-65°	111.1	102.6	94.1	85.8	77.0	68.1	59.4	51.1	43.9	37.2	30.7
-67.5°	94.9	88.2	81.1	73.5	65.9	58.2	50.3	43.9	37.9	31.8	27.2
-70°	80.6	74.5	68.3	61.8	55.0	48.3	42.6	37.2	31.8	27.7	23.6
-72.5°	66.4	61.1	55.7	50.1	45.1	40.1	35.1	30.6	27.0	23.4	20.0
-75°	52.2	48.2	44.2	40.2	35.9	31.8	28.4	25.1	22.1	19.1	16.4
-77.5°	39.6	36.5	33.3	30.6	27.7	24.9	22.2	19.5	17.3	15.1	12.8
-80°	28.1	26.2	24.2	22.3	20.1	18.0	16.3	14.5	12.9	11.1	9.2
-82.5°	17.7	16.8	15.9	14.9	13.7	12.4	11.1	9.8	8.5	7.1	6.1
-85°	10.5	9.9	9.2	8.5	7.6	6.8	6.3	5.7	5.2	4.6	4.1
-87.5°	4.6	4.4	4.1	3.9	3.7	3.4	3.1	2.9	2.6	2.3	2.0
-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°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
85°	3.5	2.9	2.4	1.8	1.2	0.6	0.0
82.5°	5.3	4.4	3.5	2.7	1.8	0.9	0.0
80°	7.2	5.9	4.7	3.5	2.4	1.2	0.0
77.5°	10.3	7.7	5.9	4.4	2.9	1.5	0.0
75°	13.4	10.2	7.2	5.3	3.5	1.8	0.0
72.5°	16.5	12.7	9.1	6.1	4.1	2.0	0.0
70°	19.5	15.2	11.1	7.1	4.6	2.3	0.0
67.5°	22.6	17.6	13.0	8.5	5.2	2.6	0.0
65°	25.6	20.1	14.8	9.8	5.7	2.9	0.0
62.5°	28.6	22.7	16.6	11.2	6.3	3.1	0.0
60°	31.6	25.2	18.4	12.5	6.8	3.4	0.0
57.5°	35.3	27.8	20.5	13.8	7.6	3.7	0.0
55°	39.0	30.2	22.5	15.0	8.5	3.9	0.0
52.5°	42.6	32.7	24.4	16.2	9.3	4.1	0.0
50°	46.1	35.7	26.3	17.3	10.1	4.4	0.0
47.5°	49.6	38.5	28.2	18.5	10.9	4.6	0.0
45°	53.6	41.2	30.0	19.9	11.6	4.8	0.0
42.5°	57.3	43.8	31.8	21.2	12.3	5.0	0.0
40°	60.9	46.3	33.6	22.5	13.0	5.2	0.0
37.5°	64.2	48.6	35.5	23.7	13.7	5.4	0.0
35°	67.3	51.1	37.3	24.8	14.3	5.6	0.0
32.5°	70.3	53.6	39.0	25.9	14.9	5.7	0.0
30°	73.3	55.9	40.6	26.8	15.5	5.9	0.0
27.5°	76.1	57.9	41.9	27.7	16.0	6.0	0.0
25°	78.7	59.8	43.1	28.5	16.5	6.2	0.0
22.5°	81.1	61.5	44.3	29.2	17.0	6.3	0.0
20°	83.3	62.9	45.2	29.8	17.4	6.4	0.0
17.5°	85.2	64.2	46.1	30.3	17.7	6.5	0.0
15°	86.8	65.3	46.8	30.8	18.1	6.6	0.0
12.5°	88.3	66.1	47.5	31.1	18.4	6.6	0.0
10°	89.4	66.8	47.9	31.4	18.6	6.7	0.0
7.5°	90.4	67.4	48.3	31.6	18.8	6.7	0.0
5°	91.1	67.7	48.5	31.7	19.0	6.8	0.0
2.5°	91.5	67.8	48.6	31.7	19.1	6.8	0.0
0°	91.6	67.8	48.6	31.7	19.2	6.8	0.0
-2.5°	91.5	67.8	48.6	31.7	19.1	6.8	0.0
-5°	91.1	67.7	48.5	31.7	19.0	6.8	0.0
-7.5°	90.4	67.4	48.3	31.6	18.8	6.7	0.0
-10°	89.4	66.8	47.9	31.4	18.6	6.7	0.0
-12.5°	88.3	66.1	47.5	31.1	18.4	6.6	0.0
-15°	86.8	65.3	46.8	30.8	18.1	6.6	0.0
-17.5°	85.2	64.2	46.1	30.3	17.7	6.5	0.0
-20°	83.3	62.9	45.2	29.8	17.4	6.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	81.1	61.5	44.3	29.2	17.0	6.3	0.0
-25°	78.7	59.8	43.1	28.5	16.5	6.2	0.0
-27.5°	76.1	57.9	41.9	27.7	16.0	6.0	0.0
-30°	73.3	55.9	40.6	26.8	15.5	5.9	0.0
-32.5°	70.3	53.6	39.0	25.9	14.9	5.7	0.0
-35°	67.3	51.1	37.3	24.8	14.3	5.6	0.0
-37.5°	64.2	48.6	35.5	23.7	13.7	5.4	0.0
-40°	60.9	46.3	33.6	22.5	13.0	5.2	0.0
-42.5°	57.3	43.8	31.8	21.2	12.3	5.0	0.0
-45°	53.6	41.2	30.0	19.9	11.6	4.8	0.0
-47.5°	49.6	38.5	28.2	18.5	10.9	4.6	0.0
-50°	46.1	35.7	26.3	17.3	10.1	4.4	0.0
-52.5°	42.6	32.7	24.4	16.2	9.3	4.1	0.0
-55°	39.0	30.2	22.5	15.0	8.5	3.9	0.0
-57.5°	35.3	27.8	20.5	13.8	7.6	3.7	0.0
-60°	31.6	25.2	18.4	12.5	6.8	3.4	0.0
-62.5°	28.6	22.7	16.6	11.2	6.3	3.1	0.0
-65°	25.6	20.1	14.8	9.8	5.7	2.9	0.0
-67.5°	22.6	17.6	13.0	8.5	5.2	2.6	0.0
-70°	19.5	15.2	11.1	7.1	4.6	2.3	0.0
-72.5°	16.5	12.7	9.1	6.1	4.1	2.0	0.0
-75°	13.4	10.2	7.2	5.3	3.5	1.8	0.0
-77.5°	10.3	7.7	5.9	4.4	2.9	1.5	0.0
-80°	7.2	5.9	4.7	3.5	2.4	1.2	0.0
-82.5°	5.3	4.4	3.5	2.7	1.8	0.9	0.0
-85°	3.5	2.9	2.4	1.8	1.2	0.6	0.0
-87.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)