

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: P558597 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-930-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558597 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1E-930-U-MWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (16) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

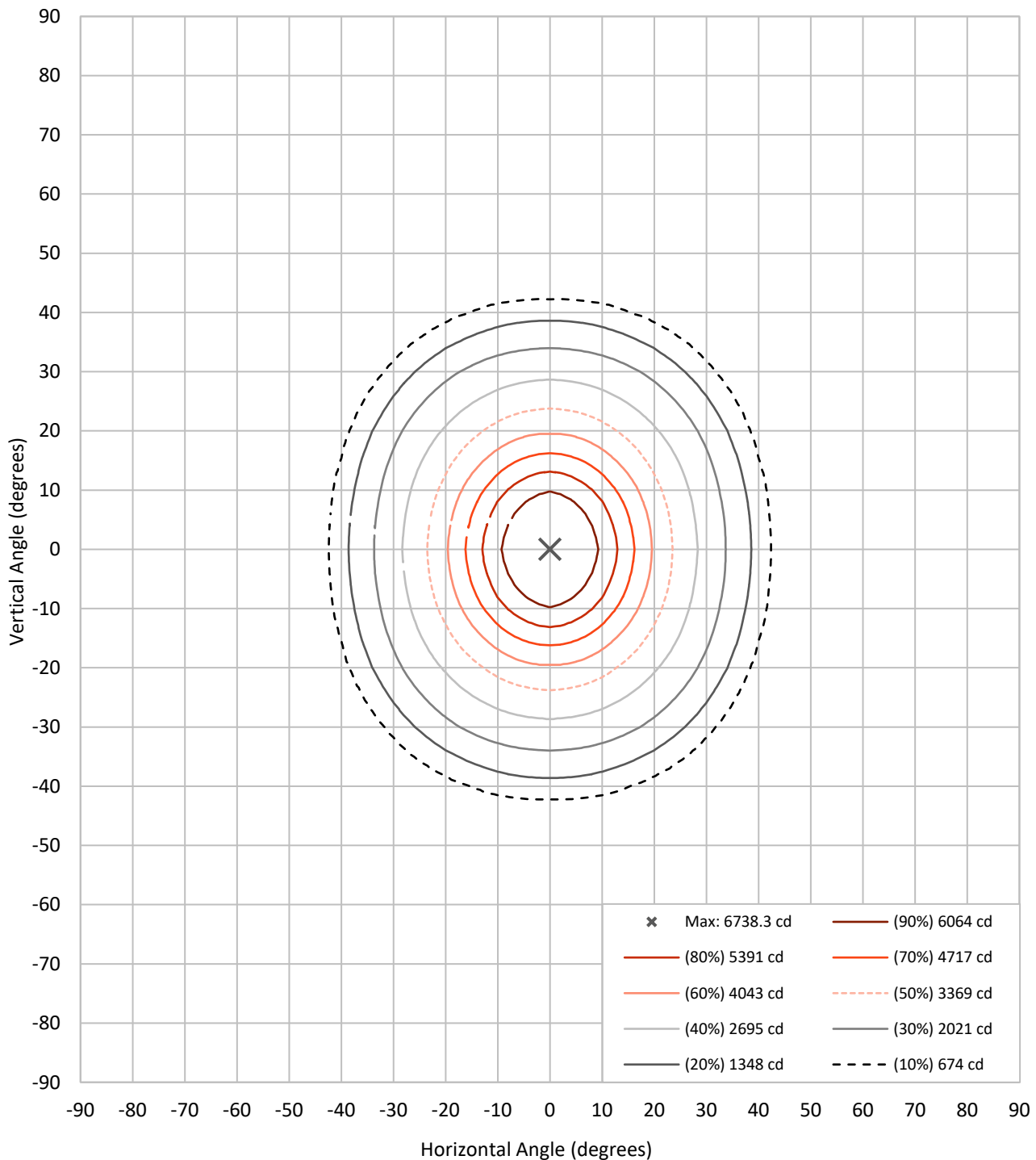
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	5245.4 lumens	Max Intensity:	6738.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	82.0 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	2475.1 lumens	Field Lumens:	4762.8 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 64
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





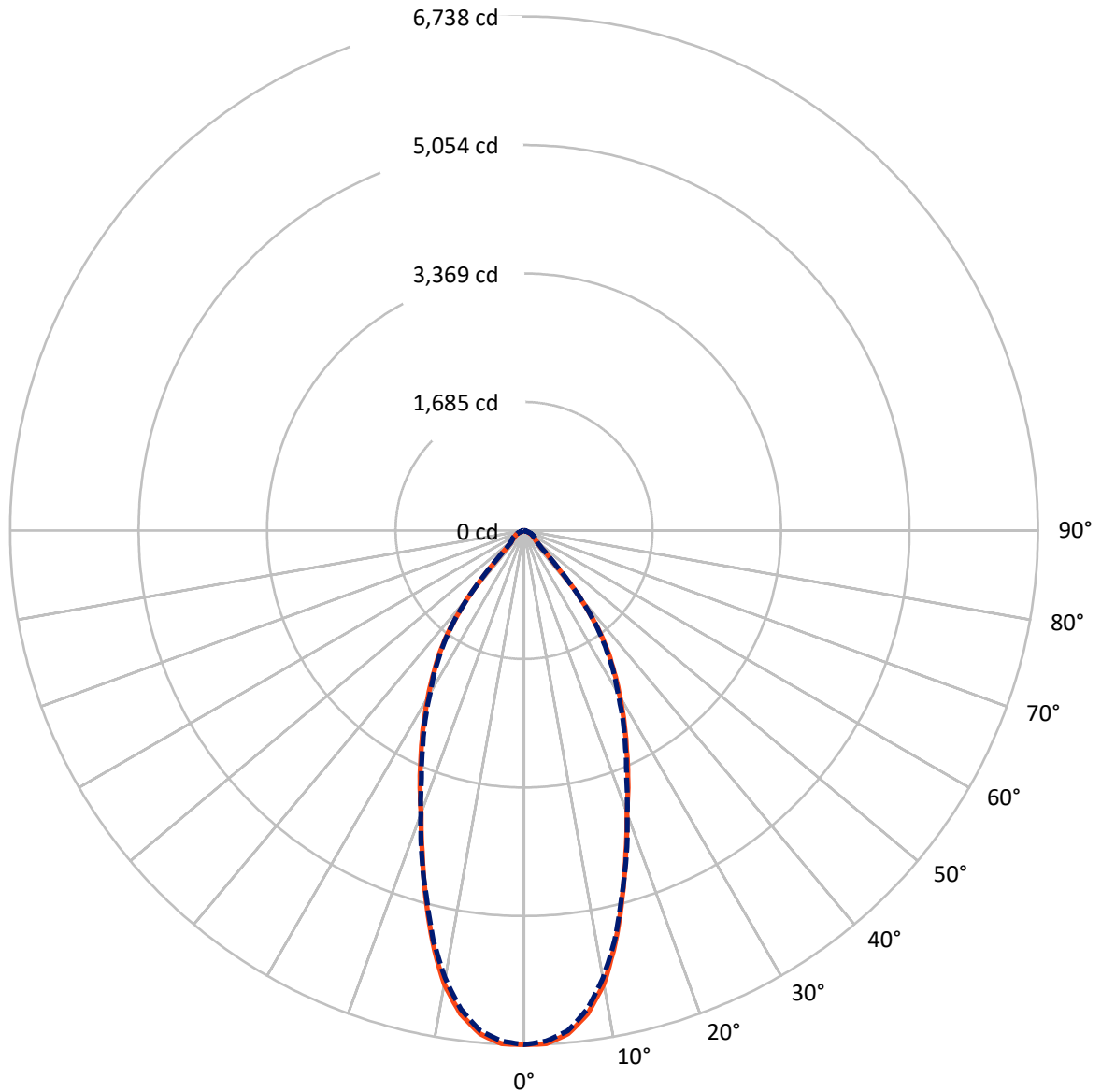
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Lumen Table

90																			
80	0.1	0.6		1.4		2.4		1.8		2.4		1.4		0.6		0.1			
70																			
60	0.4	0.4	0.8	1.2	1.7	2.1	2.4	2.6	2.6	2.4	2.1	1.7	1.2	0.8	0.4	0.4			
50		0.6	1.3	2.1	3.0	3.8	4.3	4.7	4.7	4.3	3.8	3.0	2.1	1.3	0.6				
40	0.6	0.8	1.8	3.0	4.3	5.9	9.3	13.1	13.1	9.3	5.9	4.3	3.0	1.8	0.8	0.6			
30		1.0	2.2	3.7	6.9	22.1	43.0	54.8	54.8	43.0	22.1	6.9	3.7	2.2	1.0				
20	0.6	1.2	2.6	4.6	20.2	52.8	77.9	94.4	94.4	77.9	52.8	20.2	4.6	2.6	1.2	0.6			
10		1.3	2.9	7.1	36.8	72.9	110.7	144.1	144.1	110.7	72.9	36.8	7.1	2.9	1.3				
0	0.6	1.4	3.1	9.7	44.8	85.1	139.3	188.4	188.4	139.3	85.1	44.8	9.7	3.1	1.4	0.6			
-10		1.4	3.1	9.7	44.8	85.1	139.3	188.4	188.4	139.3	85.1	44.8	9.7	3.1	1.4				
-20	0.6	1.3	2.9	7.1	36.8	72.9	110.7	144.1	144.1	110.7	72.9	36.8	7.1	2.9	1.3	0.6			
-30		1.2	2.6	4.6	20.2	52.8	77.9	94.4	94.4	77.9	52.8	20.2	4.6	2.6	1.2				
-40	0.6	1.0	2.2	3.7	6.9	22.1	43.0	54.8	54.8	43.0	22.1	6.9	3.7	2.2	1.0	0.6			
-50		0.8	1.8	3.0	4.3	5.9	9.3	13.1	13.1	9.3	5.9	4.3	3.0	1.8	0.8				
-60	0.4	0.6	1.3	2.1	3.0	3.8	4.3	4.7	4.7	4.3	3.8	3.0	2.1	1.3	0.6	0.4			
-70		0.4	0.8	1.2	1.7	2.1	2.4	2.6	2.6	2.4	2.1	1.7	1.2	0.8	0.4				
-80																			
-90	0.1	0.6		1.4		2.4		1.8		2.4		1.4		0.6		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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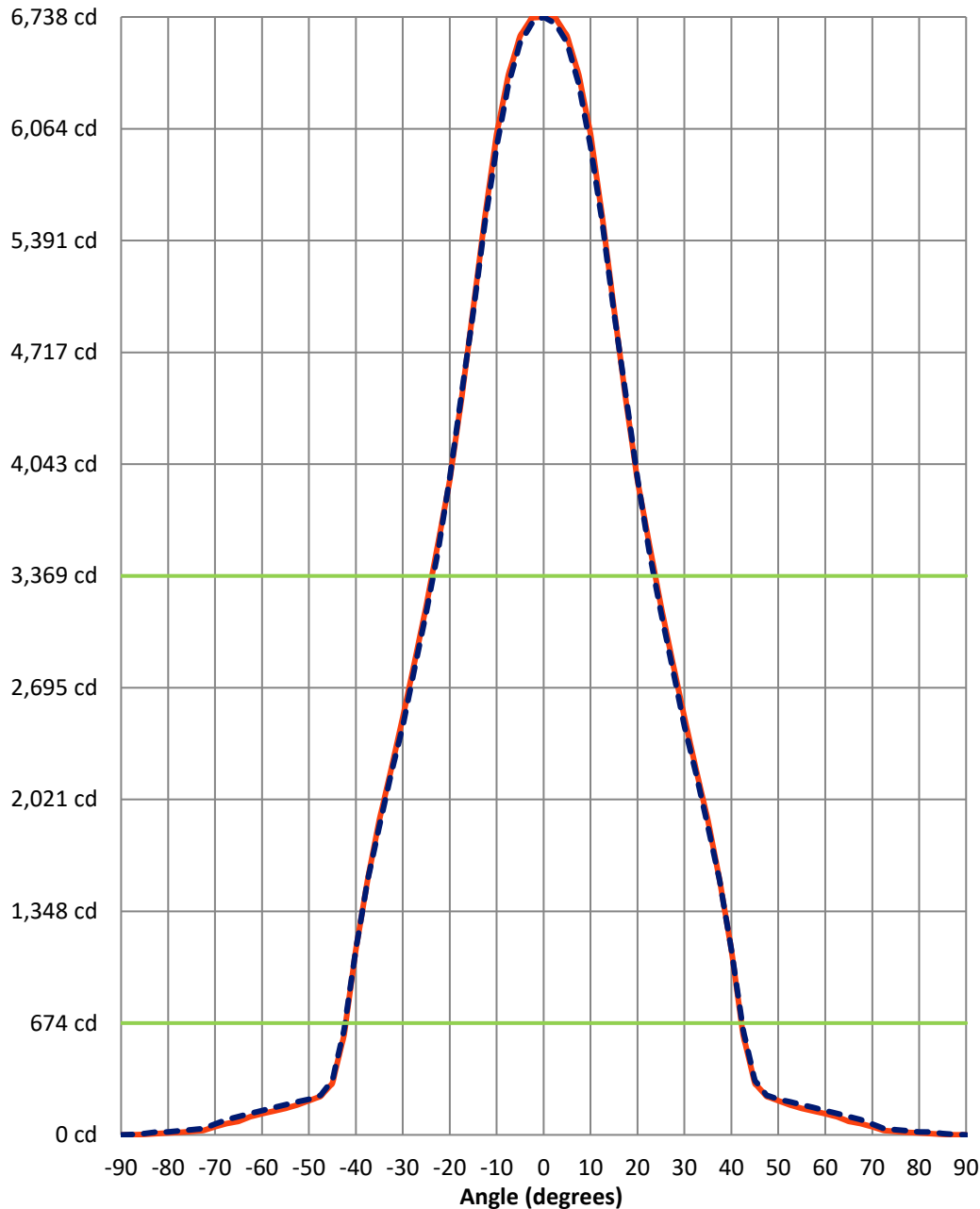
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 47°
 V Angle: 47.6°
 Lumens: 2475.1
 Efficiency: 47.2%

Field:
 H Angle: 84.6°
 V Angle: 84.3°
 Lumens: 4762.8
 Efficiency: 90.8%

Spill:
 Lumens: 482.6
 Efficiency: 9.2%

— 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	0.1	0.2	0.4	0.5	0.7	0.9	1.0	1.1	1.2	1.3
85°	0.0	0.2	0.4	0.7	1.0	1.4	1.8	2.0	2.2	2.4	2.5
82.5°	0.0	0.3	0.7	1.1	1.6	2.1	2.7	3.0	3.4	4.1	4.6
80°	0.0	0.4	0.9	1.4	2.1	2.8	3.7	5.0	5.9	6.7	7.2
77.5°	0.0	0.5	1.1	1.8	2.6	3.8	5.9	7.4	8.5	9.3	10.1
75°	0.0	0.6	1.3	2.1	3.2	5.4	8.0	9.8	11.1	12.5	13.6
72.5°	0.0	0.8	1.5	2.4	4.4	7.1	10.1	12.3	14.3	15.9	17.1
70°	0.0	0.9	1.7	2.9	5.5	8.6	12.1	15.4	17.6	19.4	22.2
67.5°	0.0	1.0	1.9	3.6	6.7	10.1	14.5	18.4	20.9	23.8	27.4
65°	0.0	1.1	2.1	4.4	7.8	11.8	16.9	21.4	24.3	28.0	32.4
62.5°	0.0	1.2	2.3	5.2	8.8	13.5	19.1	24.2	27.6	32.0	36.9
60°	0.0	1.2	2.5	5.9	9.8	15.1	21.2	26.7	30.7	36.1	41.4
57.5°	0.0	1.3	2.9	6.5	11.0	16.7	22.6	28.9	34.1	40.1	45.3
55°	0.0	1.4	3.4	7.2	12.1	18.1	23.8	30.5	37.6	43.8	48.9
52.5°	0.0	1.5	3.8	7.8	13.1	19.4	24.8	32.6	41.1	47.0	52.4
50°	0.0	1.6	4.2	8.4	14.1	20.0	25.7	34.7	44.2	50.2	56.4
47.5°	0.0	1.7	4.6	9.0	15.0	20.5	26.4	36.5	47.0	53.2	60.2
45°	0.0	1.8	5.0	9.6	15.8	20.9	27.7	38.0	48.4	56.6	63.9
42.5°	0.0	1.8	5.3	10.1	16.5	21.1	28.8	39.1	49.4	59.7	67.7
40°	0.0	1.9	5.6	10.7	16.9	21.2	29.7	39.8	50.4	62.6	71.3
37.5°	0.0	2.0	6.0	11.3	17.0	21.2	30.4	40.3	51.4	63.9	74.8
35°	0.0	2.0	6.3	11.9	16.9	21.5	30.9	40.6	52.3	66.0	78.2
32.5°	0.0	2.1	6.5	12.5	16.8	21.8	31.1	40.6	53.0	68.5	81.2
30°	0.0	2.2	6.8	13.0	16.7	22.0	31.1	40.6	53.6	71.4	84.2
27.5°	0.0	2.2	7.0	13.5	16.8	22.1	30.9	40.9	54.6	74.6	87.2
25°	0.0	2.3	7.2	14.0	17.0	22.0	30.6	41.0	56.8	77.3	90.1
22.5°	0.0	2.3	7.4	14.5	17.2	22.1	30.1	41.0	59.1	79.6	93.7
20°	0.0	2.3	7.6	15.0	17.3	22.6	29.5	40.7	61.4	81.7	96.9
17.5°	0.0	2.4	7.7	15.4	17.4	23.1	29.5	40.4	63.7	83.6	99.8
15°	0.0	2.4	7.8	15.8	17.5	23.6	29.9	40.2	65.9	85.4	102.3
12.5°	0.0	2.4	7.9	16.1	17.6	23.9	30.3	40.4	67.5	87.0	104.5
10°	0.0	2.5	8.0	16.4	17.6	24.3	30.6	40.3	68.1	88.3	106.3
7.5°	0.0	2.5	8.1	16.7	17.7	24.5	30.8	40.0	68.2	89.5	107.9
5°	0.0	2.5	8.1	16.9	17.7	24.7	30.9	39.4	67.7	90.7	109.1
2.5°	0.0	2.5	8.1	17.1	17.7	24.8	30.9	38.7	66.7	91.6	109.9
0°	0.0	2.5	8.1	17.2	17.7	24.8	30.9	37.9	65.3	92.1	110.3
-2.5°	0.0	2.5	8.1	17.1	17.7	24.8	30.9	38.7	66.7	91.6	109.9
-5°	0.0	2.5	8.1	16.9	17.7	24.7	30.9	39.4	67.7	90.7	109.1
-7.5°	0.0	2.5	8.1	16.7	17.7	24.5	30.8	40.0	68.2	89.5	107.9
-10°	0.0	2.5	8.0	16.4	17.6	24.3	30.6	40.3	68.1	88.3	106.3
-12.5°	0.0	2.4	7.9	16.1	17.6	23.9	30.3	40.4	67.5	87.0	104.5
-15°	0.0	2.4	7.8	15.8	17.5	23.6	29.9	40.2	65.9	85.4	102.3
-17.5°	0.0	2.4	7.7	15.4	17.4	23.1	29.5	40.4	63.7	83.6	99.8
-20°	0.0	2.3	7.6	15.0	17.3	22.6	29.5	40.7	61.4	81.7	96.9



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 CATALOG NUMBER: GFLD-SA1E-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.3	7.4	14.5	17.2	22.1	30.1	41.0	59.1	79.6	93.7
-25°	0.0	2.3	7.2	14.0	17.0	22.0	30.6	41.0	56.8	77.3	90.1
-27.5°	0.0	2.2	7.0	13.5	16.8	22.1	30.9	40.9	54.6	74.6	87.2
-30°	0.0	2.2	6.8	13.0	16.7	22.0	31.1	40.6	53.6	71.4	84.2
-32.5°	0.0	2.1	6.5	12.5	16.8	21.8	31.1	40.6	53.0	68.5	81.2
-35°	0.0	2.0	6.3	11.9	16.9	21.5	30.9	40.6	52.3	66.0	78.2
-37.5°	0.0	2.0	6.0	11.3	17.0	21.2	30.4	40.3	51.4	63.9	74.8
-40°	0.0	1.9	5.6	10.7	16.9	21.2	29.7	39.8	50.4	62.6	71.3
-42.5°	0.0	1.8	5.3	10.1	16.5	21.1	28.8	39.1	49.4	59.7	67.7
-45°	0.0	1.8	5.0	9.6	15.8	20.9	27.7	38.0	48.4	56.6	63.9
-47.5°	0.0	1.7	4.6	9.0	15.0	20.5	26.4	36.5	47.0	53.2	60.2
-50°	0.0	1.6	4.2	8.4	14.1	20.0	25.7	34.7	44.2	50.2	56.4
-52.5°	0.0	1.5	3.8	7.8	13.1	19.4	24.8	32.6	41.1	47.0	52.4
-55°	0.0	1.4	3.4	7.2	12.1	18.1	23.8	30.5	37.6	43.8	48.9
-57.5°	0.0	1.3	2.9	6.5	11.0	16.7	22.6	28.9	34.1	40.1	45.3
-60°	0.0	1.2	2.5	5.9	9.8	15.1	21.2	26.7	30.7	36.1	41.4
-62.5°	0.0	1.2	2.3	5.2	8.8	13.5	19.1	24.2	27.6	32.0	36.9
-65°	0.0	1.1	2.1	4.4	7.8	11.8	16.9	21.4	24.3	28.0	32.4
-67.5°	0.0	1.0	1.9	3.6	6.7	10.1	14.5	18.4	20.9	23.8	27.4
-70°	0.0	0.9	1.7	2.9	5.5	8.6	12.1	15.4	17.6	19.4	22.2
-72.5°	0.0	0.8	1.5	2.4	4.4	7.1	10.1	12.3	14.3	15.9	17.1
-75°	0.0	0.6	1.3	2.1	3.2	5.4	8.0	9.8	11.1	12.5	13.6
-77.5°	0.0	0.5	1.1	1.8	2.6	3.8	5.9	7.4	8.5	9.3	10.1
-80°	0.0	0.4	0.9	1.4	2.1	2.8	3.7	5.0	5.9	6.7	7.2
-82.5°	0.0	0.3	0.7	1.1	1.6	2.1	2.7	3.0	3.4	4.1	4.6
-85°	0.0	0.2	0.4	0.7	1.0	1.4	1.8	2.0	2.2	2.4	2.5
-87.5°	0.0	0.1	0.2	0.4	0.5	0.7	0.9	1.0	1.1	1.2	1.3
-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°	1.3	1.3	1.2	1.1	1.1	1.0	0.8	0.7	0.7	0.8	0.8
85°	2.5	2.5	2.7	2.9	3.0	3.0	2.9	2.7	3.1	3.6	4.1
82.5°	5.1	5.6	6.0	6.4	6.4	6.3	6.1	5.8	6.7	7.8	9.0
80°	7.9	8.6	9.6	10.6	10.9	10.8	10.4	9.9	11.1	12.9	14.9
77.5°	11.3	12.7	14.1	15.5	15.8	15.5	14.9	13.8	15.4	18.3	21.5
75°	15.0	16.8	19.0	20.7	21.1	20.5	19.5	18.6	20.5	24.1	27.5
72.5°	19.6	22.5	24.7	26.2	26.3	25.7	25.2	24.8	26.9	31.2	34.7
70°	25.5	28.4	30.1	31.0	31.2	31.5	33.0	34.3	36.4	40.1	43.0
67.5°	31.4	33.6	35.1	36.2	38.4	40.4	42.4	44.4	46.8	49.9	52.2
65°	36.5	38.8	40.8	43.4	46.6	49.1	51.8	54.7	57.9	60.8	63.0
62.5°	41.6	44.1	46.9	50.4	54.1	57.5	61.4	65.4	69.2	72.5	76.2
60°	45.8	49.2	52.9	57.1	61.6	66.7	71.4	76.0	80.2	84.4	89.5
57.5°	49.8	54.3	59.0	64.0	69.8	76.1	81.6	86.6	91.9	97.9	102.9
55°	54.0	59.7	65.0	71.1	78.0	85.6	91.6	97.3	103.8	111.0	116.6
52.5°	58.6	64.8	71.1	78.4	86.7	94.2	100.5	107.6	115.6	123.4	129.9
50°	63.0	69.9	77.2	86.4	94.7	101.8	109.6	118.2	126.5	134.5	142.2
47.5°	67.4	74.8	84.5	93.9	101.6	110.0	119.1	128.0	136.7	145.1	153.1
45°	71.8	80.6	91.2	100.2	108.8	118.4	127.9	137.1	146.3	155.2	164.0
42.5°	76.0	86.2	96.9	106.3	116.2	126.3	136.2	146.0	155.6	165.2	174.6
40°	80.6	91.3	102.6	112.8	123.2	133.7	144.1	154.4	164.7	174.7	184.7
37.5°	84.8	96.6	108.4	119.1	129.8	140.7	151.7	162.6	173.3	183.8	195.2
35°	88.5	102.0	113.9	125.1	136.3	147.4	159.0	170.5	181.8	193.2	207.7
32.5°	92.8	107.4	119.0	130.9	142.5	153.9	165.9	178.1	190.1	203.5	224.3
30°	97.6	111.9	123.9	136.4	148.3	160.3	172.6	185.4	198.1	218.9	266.9
27.5°	102.3	116.1	128.7	141.5	153.7	166.2	179.1	192.3	210.0	242.0	319.8
25°	106.6	120.1	133.2	146.1	158.8	171.7	185.1	198.8	222.8	287.3	459.3
22.5°	110.2	123.9	137.6	150.4	163.3	176.7	190.6	208.8	245.9	333.0	614.5
20°	113.3	127.6	141.5	154.8	167.6	181.1	195.6	218.3	281.0	463.7	800.4
17.5°	116.2	130.9	145.2	159.1	172.5	185.7	200.6	226.5	312.5	577.2	987.4
15°	118.9	133.9	148.6	163.1	176.9	190.7	208.5	249.8	376.4	689.9	1154.0
12.5°	121.2	136.5	151.7	166.7	180.9	195.2	215.6	273.1	454.6	822.1	1267.7
10°	123.3	138.8	154.5	170.1	184.4	199.1	221.6	292.1	518.9	930.9	1359.1
7.5°	125.3	141.0	157.0	173.1	187.5	202.5	226.5	307.0	568.6	1012.8	1432.0
5°	126.9	143.1	160.1	176.3	191.3	206.2	230.7	317.7	603.4	1068.0	1485.1
2.5°	128.1	144.8	162.7	179.2	195.5	210.6	235.5	325.6	626.0	1103.2	1519.0
0°	129.0	146.2	164.9	181.6	199.3	214.5	239.3	329.3	634.4	1116.0	1531.8
-2.5°	128.1	144.8	162.7	179.2	195.5	210.6	235.5	325.6	626.0	1103.2	1519.0
-5°	126.9	143.1	160.1	176.3	191.3	206.2	230.7	317.7	603.4	1068.0	1485.1
-7.5°	125.3	141.0	157.0	173.1	187.5	202.5	226.5	307.0	568.6	1012.8	1432.0
-10°	123.3	138.8	154.5	170.1	184.4	199.1	221.6	292.1	518.9	930.9	1359.1
-12.5°	121.2	136.5	151.7	166.7	180.9	195.2	215.6	273.1	454.6	822.1	1267.7
-15°	118.9	133.9	148.6	163.1	176.9	190.7	208.5	249.8	376.4	689.9	1154.0
-17.5°	116.2	130.9	145.2	159.1	172.5	185.7	200.6	226.5	312.5	577.2	987.4
-20°	113.3	127.6	141.5	154.8	167.6	181.1	195.6	218.3	281.0	463.7	800.4



REPORT NUMBER: P558597 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	110.2	123.9	137.6	150.4	163.3	176.7	190.6	208.8	245.9	333.0	614.5
-25°	106.6	120.1	133.2	146.1	158.8	171.7	185.1	198.8	222.8	287.3	459.3
-27.5°	102.3	116.1	128.7	141.5	153.7	166.2	179.1	192.3	210.0	242.0	319.8
-30°	97.6	111.9	123.9	136.4	148.3	160.3	172.6	185.4	198.1	218.9	266.9
-32.5°	92.8	107.4	119.0	130.9	142.5	153.9	165.9	178.1	190.1	203.5	224.3
-35°	88.5	102.0	113.9	125.1	136.3	147.4	159.0	170.5	181.8	193.2	207.7
-37.5°	84.8	96.6	108.4	119.1	129.8	140.7	151.7	162.6	173.3	183.8	195.2
-40°	80.6	91.3	102.6	112.8	123.2	133.7	144.1	154.4	164.7	174.7	184.7
-42.5°	76.0	86.2	96.9	106.3	116.2	126.3	136.2	146.0	155.6	165.2	174.6
-45°	71.8	80.6	91.2	100.2	108.8	118.4	127.9	137.1	146.3	155.2	164.0
-47.5°	67.4	74.8	84.5	93.9	101.6	110.0	119.1	128.0	136.7	145.1	153.1
-50°	63.0	69.9	77.2	86.4	94.7	101.8	109.6	118.2	126.5	134.5	142.2
-52.5°	58.6	64.8	71.1	78.4	86.7	94.2	100.5	107.6	115.6	123.4	129.9
-55°	54.0	59.7	65.0	71.1	78.0	85.6	91.6	97.3	103.8	111.0	116.6
-57.5°	49.8	54.3	59.0	64.0	69.8	76.1	81.6	86.6	91.9	97.9	102.9
-60°	45.8	49.2	52.9	57.1	61.6	66.7	71.4	76.0	80.2	84.4	89.5
-62.5°	41.6	44.1	46.9	50.4	54.1	57.5	61.4	65.4	69.2	72.5	76.2
-65°	36.5	38.8	40.8	43.4	46.6	49.1	51.8	54.7	57.9	60.8	63.0
-67.5°	31.4	33.6	35.1	36.2	38.4	40.4	42.4	44.4	46.8	49.9	52.2
-70°	25.5	28.4	30.1	31.0	31.2	31.5	33.0	34.3	36.4	40.1	43.0
-72.5°	19.6	22.5	24.7	26.2	26.3	25.7	25.2	24.8	26.9	31.2	34.7
-75°	15.0	16.8	19.0	20.7	21.1	20.5	19.5	18.6	20.5	24.1	27.5
-77.5°	11.3	12.7	14.1	15.5	15.8	15.5	14.9	13.8	15.4	18.3	21.5
-80°	7.9	8.6	9.6	10.6	10.9	10.8	10.4	9.9	11.1	12.9	14.9
-82.5°	5.1	5.6	6.0	6.4	6.4	6.3	6.1	5.8	6.7	7.8	9.0
-85°	2.5	2.5	2.7	2.9	3.0	3.0	2.9	2.7	3.1	3.6	4.1
-87.5°	1.3	1.3	1.2	1.1	1.1	1.0	0.8	0.7	0.7	0.8	0.8
-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: P558597 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-930-U-MWR-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°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0	0.9	0.7
85°	4.6	4.4	4.2	3.8	3.5	3.7	3.9	4.1	4.4	4.0	3.7
82.5°	10.2	10.3	10.3	10.3	10.2	10.7	11.1	11.5	11.8	10.9	9.9
80°	17.2	18.0	18.5	18.9	19.3	19.3	19.1	18.6	17.9	16.4	14.7
77.5°	24.9	26.2	26.8	27.5	28.1	28.3	28.5	28.7	28.9	26.2	22.8
75°	30.8	32.8	33.9	34.9	35.9	36.4	36.7	36.9	36.9	33.7	29.5
72.5°	37.6	39.5	40.8	42.1	43.3	44.1	44.5	44.8	45.0	42.2	38.2
70°	45.1	46.6	48.2	49.7	51.2	52.2	52.9	53.4	53.8	53.5	53.3
67.5°	53.9	55.2	57.1	58.7	60.2	61.3	62.4	63.3	64.0	64.7	65.6
65°	65.0	68.1	70.9	72.3	72.6	74.1	76.7	78.4	79.2	79.9	80.7
62.5°	80.3	84.1	86.2	88.6	91.7	94.6	95.8	97.3	99.1	101.2	103.7
60°	93.6	96.7	99.9	103.3	106.2	108.6	111.2	113.8	116.1	118.3	120.4
57.5°	107.1	110.5	113.8	117.7	120.4	122.1	124.6	127.7	130.1	132.0	134.8
55°	121.1	125.5	130.0	133.5	136.1	137.8	139.7	142.7	144.5	145.1	148.4
52.5°	135.1	140.4	145.9	150.1	152.8	155.3	157.7	160.3	162.1	163.0	166.2
50°	148.2	154.5	160.6	166.0	169.6	173.8	178.6	181.0	182.6	184.3	187.9
47.5°	160.6	167.6	174.2	180.2	185.5	190.3	194.4	198.4	204.3	208.9	213.5
45°	172.5	180.0	187.1	193.9	199.8	209.1	218.0	225.5	245.7	262.7	275.6
42.5°	183.7	192.7	200.8	212.2	224.6	246.1	279.3	310.1	369.6	446.3	510.3
40°	195.4	207.1	221.5	243.7	285.7	328.9	458.0	573.0	686.2	814.9	925.1
37.5°	209.1	226.7	268.9	319.1	453.8	602.8	785.7	965.3	1121.7	1255.5	1367.2
35°	227.2	281.5	360.5	543.3	742.3	986.5	1197.4	1366.3	1520.8	1644.7	1738.1
32.5°	280.5	379.9	588.5	839.9	1113.6	1349.6	1554.9	1716.7	1857.6	1968.7	2055.2
30°	358.5	587.0	870.4	1171.4	1444.0	1669.3	1859.1	2013.3	2139.1	2252.2	2347.0
27.5°	544.0	838.0	1171.0	1478.1	1726.0	1937.0	2107.3	2260.0	2398.6	2517.7	2629.9
25°	746.9	1110.9	1446.8	1726.3	1957.7	2155.6	2335.1	2502.2	2657.4	2796.8	2927.4
22.5°	990.6	1353.6	1674.7	1933.3	2157.6	2360.9	2551.6	2737.5	2918.3	3088.3	3246.2
20°	1211.2	1567.5	1847.5	2105.8	2338.8	2550.7	2760.8	2977.5	3186.1	3390.9	3581.1
17.5°	1383.2	1714.6	1995.7	2257.6	2494.7	2734.6	2975.2	3224.0	3475.6	3713.5	3940.9
15°	1526.8	1837.4	2122.2	2384.0	2644.8	2909.5	3178.2	3471.3	3770.6	4055.3	4345.3
12.5°	1628.6	1939.8	2228.5	2491.3	2783.6	3070.9	3383.7	3717.8	4063.5	4395.1	4751.3
10°	1710.5	2021.5	2307.8	2591.1	2900.5	3219.1	3569.9	3937.9	4350.3	4743.0	5126.8
7.5°	1780.7	2089.6	2371.5	2672.5	2997.8	3347.9	3729.5	4145.5	4591.8	5028.8	5485.7
5°	1832.1	2136.1	2421.0	2739.3	3072.5	3442.0	3852.5	4297.1	4775.8	5254.5	5706.3
2.5°	1859.2	2162.6	2451.8	2780.6	3116.4	3499.1	3926.6	4397.8	4903.4	5425.8	5871.2
0°	1858.6	2173.7	2463.6	2808.6	3148.6	3516.3	3958.5	4462.3	4955.6	5498.4	5955.7
-2.5°	1859.2	2162.6	2451.8	2780.6	3116.4	3499.1	3926.6	4397.8	4903.4	5425.8	5871.2
-5°	1832.1	2136.1	2421.0	2739.3	3072.5	3442.0	3852.5	4297.1	4775.8	5254.5	5706.3
-7.5°	1780.7	2089.6	2371.5	2672.5	2997.8	3347.9	3729.5	4145.5	4591.8	5028.8	5485.7
-10°	1710.5	2021.5	2307.8	2591.1	2900.5	3219.1	3569.9	3937.9	4350.3	4743.0	5126.8
-12.5°	1628.6	1939.8	2228.5	2491.3	2783.6	3070.9	3383.7	3717.8	4063.5	4395.1	4751.3
-15°	1526.8	1837.4	2122.2	2384.0	2644.8	2909.5	3178.2	3471.3	3770.6	4055.3	4345.3
-17.5°	1383.2	1714.6	1995.7	2257.6	2494.7	2734.6	2975.2	3224.0	3475.6	3713.5	3940.9
-20°	1211.2	1567.5	1847.5	2105.8	2338.8	2550.7	2760.8	2977.5	3186.1	3390.9	3581.1



REPORT NUMBER: P558597 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	990.6	1353.6	1674.7	1933.3	2157.6	2360.9	2551.6	2737.5	2918.3	3088.3	3246.2
-25°	746.9	1110.9	1446.8	1726.3	1957.7	2155.6	2335.1	2502.2	2657.4	2796.8	2927.4
-27.5°	544.0	838.0	1171.0	1478.1	1726.0	1937.0	2107.3	2260.0	2398.6	2517.7	2629.9
-30°	358.5	587.0	870.4	1171.4	1444.0	1669.3	1859.1	2013.3	2139.1	2252.2	2347.0
-32.5°	280.5	379.9	588.5	839.9	1113.6	1349.6	1554.9	1716.7	1857.6	1968.7	2055.2
-35°	227.2	281.5	360.5	543.3	742.3	986.5	1197.4	1366.3	1520.8	1644.7	1738.1
-37.5°	209.1	226.7	268.9	319.1	453.8	602.8	785.7	965.3	1121.7	1255.5	1367.2
-40°	195.4	207.1	221.5	243.7	285.7	328.9	458.0	573.0	686.2	814.9	925.1
-42.5°	183.7	192.7	200.8	212.2	224.6	246.1	279.3	310.1	369.6	446.3	510.3
-45°	172.5	180.0	187.1	193.9	199.8	209.1	218.0	225.5	245.7	262.7	275.6
-47.5°	160.6	167.6	174.2	180.2	185.5	190.3	194.4	198.4	204.3	208.9	213.5
-50°	148.2	154.5	160.6	166.0	169.6	173.8	178.6	181.0	182.6	184.3	187.9
-52.5°	135.1	140.4	145.9	150.1	152.8	155.3	157.7	160.3	162.1	163.0	166.2
-55°	121.1	125.5	130.0	133.5	136.1	137.8	139.7	142.7	144.5	145.1	148.4
-57.5°	107.1	110.5	113.8	117.7	120.4	122.1	124.6	127.7	130.1	132.0	134.8
-60°	93.6	96.7	99.9	103.3	106.2	108.6	111.2	113.8	116.1	118.3	120.4
-62.5°	80.3	84.1	86.2	88.6	91.7	94.6	95.8	97.3	99.1	101.2	103.7
-65°	65.0	68.1	70.9	72.3	72.6	74.1	76.7	78.4	79.2	79.9	80.7
-67.5°	53.9	55.2	57.1	58.7	60.2	61.3	62.4	63.3	64.0	64.7	65.6
-70°	45.1	46.6	48.2	49.7	51.2	52.2	52.9	53.4	53.8	53.5	53.3
-72.5°	37.6	39.5	40.8	42.1	43.3	44.1	44.5	44.8	45.0	42.2	38.2
-75°	30.8	32.8	33.9	34.9	35.9	36.4	36.7	36.9	36.9	33.7	29.5
-77.5°	24.9	26.2	26.8	27.5	28.1	28.3	28.5	28.7	28.9	26.2	22.8
-80°	17.2	18.0	18.5	18.9	19.3	19.3	19.1	18.6	17.9	16.4	14.7
-82.5°	10.2	10.3	10.3	10.3	10.2	10.7	11.1	11.5	11.8	10.9	9.9
-85°	4.6	4.4	4.2	3.8	3.5	3.7	3.9	4.1	4.4	4.0	3.7
-87.5°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0	0.9	0.7
-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: P558597 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-930-U-MWR-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°	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.7	0.9	1.0	1.0
85°	3.4	3.0	3.0	3.0	3.0	3.0	3.4	3.7	4.0	4.4	4.1
82.5°	8.7	7.6	7.6	7.6	7.6	7.6	8.7	9.9	10.9	11.8	11.5
80°	12.9	11.1	11.3	11.6	11.3	11.1	12.9	14.7	16.4	17.9	18.6
77.5°	19.1	15.3	15.2	15.2	15.2	15.3	19.1	22.8	26.2	28.9	28.7
75°	25.3	20.9	20.7	20.7	20.7	20.9	25.3	29.5	33.7	36.9	36.9
72.5°	34.2	30.0	28.1	26.3	28.1	30.0	34.2	38.2	42.2	45.0	44.8
70°	53.3	53.4	51.6	49.1	51.6	53.4	53.3	53.3	53.5	53.8	53.4
67.5°	66.3	66.8	67.6	68.3	67.6	66.8	66.3	65.6	64.7	64.0	63.3
65°	81.0	81.0	81.3	81.4	81.3	81.0	81.0	80.7	79.9	79.2	78.4
62.5°	105.8	107.5	108.7	109.3	108.7	107.5	105.8	103.7	101.2	99.1	97.3
60°	122.1	123.5	125.5	127.5	125.5	123.5	122.1	120.4	118.3	116.1	113.8
57.5°	137.4	139.8	141.7	143.2	141.7	139.8	137.4	134.8	132.0	130.1	127.7
55°	151.5	154.3	157.0	159.4	157.0	154.3	151.5	148.4	145.1	144.5	142.7
52.5°	169.3	171.6	175.3	180.1	175.3	171.6	169.3	166.2	163.0	162.1	160.3
50°	192.0	195.4	200.2	205.9	200.2	195.4	192.0	187.9	184.3	182.6	181.0
47.5°	218.2	221.6	226.2	232.2	226.2	221.6	218.2	213.5	208.9	204.3	198.4
45°	287.5	295.6	303.0	311.1	303.0	295.6	287.5	275.6	262.7	245.7	225.5
42.5°	561.7	597.2	612.5	603.5	612.5	597.2	561.7	510.3	446.3	369.6	310.1
40°	1009.2	1068.2	1102.9	1114.9	1102.9	1068.2	1009.2	925.1	814.9	686.2	573.0
37.5°	1448.8	1503.1	1532.4	1535.8	1532.4	1503.1	1448.8	1367.2	1255.5	1121.7	965.3
35°	1805.4	1850.1	1876.6	1896.5	1876.6	1850.1	1805.4	1738.1	1644.7	1520.8	1366.3
32.5°	2125.7	2176.6	2206.1	2199.5	2206.1	2176.6	2125.7	2055.2	1968.7	1857.6	1716.7
30°	2424.8	2480.6	2515.2	2516.2	2515.2	2480.6	2424.8	2347.0	2252.2	2139.1	2013.3
27.5°	2720.6	2783.2	2819.3	2847.6	2819.3	2783.2	2720.6	2629.9	2517.7	2398.6	2260.0
25°	3036.2	3114.2	3160.5	3188.5	3160.5	3114.2	3036.2	2927.4	2796.8	2657.4	2502.2
22.5°	3376.4	3473.0	3536.5	3562.9	3536.5	3473.0	3376.4	3246.2	3088.3	2918.3	2737.5
20°	3746.5	3866.2	3947.3	3944.8	3947.3	3866.2	3746.5	3581.1	3390.9	3186.1	2977.5
17.5°	4159.4	4313.9	4418.3	4433.5	4418.3	4313.9	4159.4	3940.9	3713.5	3475.6	3224.0
15°	4602.2	4801.3	4936.4	4978.3	4936.4	4801.3	4602.2	4345.3	4055.3	3770.6	3471.3
12.5°	5055.8	5292.6	5472.8	5532.8	5472.8	5292.6	5055.8	4751.3	4395.1	4063.5	3717.8
10°	5488.1	5750.4	5946.0	6032.6	5946.0	5750.4	5488.1	5126.8	4743.0	4350.3	3937.9
7.5°	5849.4	6115.9	6317.4	6388.7	6317.4	6115.9	5849.4	5485.7	5028.8	4591.8	4145.5
5°	6087.5	6378.7	6535.3	6623.4	6535.3	6378.7	6087.5	5706.3	5254.5	4775.8	4297.1
2.5°	6246.5	6493.4	6652.1	6733.2	6652.1	6493.4	6246.5	5871.2	5425.8	4903.4	4397.8
0°	6331.0	6582.4	6698.8	6738.3	6698.8	6582.4	6331.0	5955.7	5498.4	4955.6	4462.3
-2.5°	6246.5	6493.4	6652.1	6733.2	6652.1	6493.4	6246.5	5871.2	5425.8	4903.4	4397.8
-5°	6087.5	6378.7	6535.3	6623.4	6535.3	6378.7	6087.5	5706.3	5254.5	4775.8	4297.1
-7.5°	5849.4	6115.9	6317.4	6388.7	6317.4	6115.9	5849.4	5485.7	5028.8	4591.8	4145.5
-10°	5488.1	5750.4	5946.0	6032.6	5946.0	5750.4	5488.1	5126.8	4743.0	4350.3	3937.9
-12.5°	5055.8	5292.6	5472.8	5532.8	5472.8	5292.6	5055.8	4751.3	4395.1	4063.5	3717.8
-15°	4602.2	4801.3	4936.4	4978.3	4936.4	4801.3	4602.2	4345.3	4055.3	3770.6	3471.3
-17.5°	4159.4	4313.9	4418.3	4433.5	4418.3	4313.9	4159.4	3940.9	3713.5	3475.6	3224.0
-20°	3746.5	3866.2	3947.3	3944.8	3947.3	3866.2	3746.5	3581.1	3390.9	3186.1	2977.5



REPORT NUMBER: P558597 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3376.4	3473.0	3536.5	3562.9	3536.5	3473.0	3376.4	3246.2	3088.3	2918.3	2737.5
-25°	3036.2	3114.2	3160.5	3188.5	3160.5	3114.2	3036.2	2927.4	2796.8	2657.4	2502.2
-27.5°	2720.6	2783.2	2819.3	2847.6	2819.3	2783.2	2720.6	2629.9	2517.7	2398.6	2260.0
-30°	2424.8	2480.6	2515.2	2516.2	2515.2	2480.6	2424.8	2347.0	2252.2	2139.1	2013.3
-32.5°	2125.7	2176.6	2206.1	2199.5	2206.1	2176.6	2125.7	2055.2	1968.7	1857.6	1716.7
-35°	1805.4	1850.1	1876.6	1896.5	1876.6	1850.1	1805.4	1738.1	1644.7	1520.8	1366.3
-37.5°	1448.8	1503.1	1532.4	1535.8	1532.4	1503.1	1448.8	1367.2	1255.5	1121.7	965.3
-40°	1009.2	1068.2	1102.9	1114.9	1102.9	1068.2	1009.2	925.1	814.9	686.2	573.0
-42.5°	561.7	597.2	612.5	603.5	612.5	597.2	561.7	510.3	446.3	369.6	310.1
-45°	287.5	295.6	303.0	311.1	303.0	295.6	287.5	275.6	262.7	245.7	225.5
-47.5°	218.2	221.6	226.2	232.2	226.2	221.6	218.2	213.5	208.9	204.3	198.4
-50°	192.0	195.4	200.2	205.9	200.2	195.4	192.0	187.9	184.3	182.6	181.0
-52.5°	169.3	171.6	175.3	180.1	175.3	171.6	169.3	166.2	163.0	162.1	160.3
-55°	151.5	154.3	157.0	159.4	157.0	154.3	151.5	148.4	145.1	144.5	142.7
-57.5°	137.4	139.8	141.7	143.2	141.7	139.8	137.4	134.8	132.0	130.1	127.7
-60°	122.1	123.5	125.5	127.5	125.5	123.5	122.1	120.4	118.3	116.1	113.8
-62.5°	105.8	107.5	108.7	109.3	108.7	107.5	105.8	103.7	101.2	99.1	97.3
-65°	81.0	81.0	81.3	81.4	81.3	81.0	81.0	80.7	79.9	79.2	78.4
-67.5°	66.3	66.8	67.6	68.3	67.6	66.8	66.3	65.6	64.7	64.0	63.3
-70°	53.3	53.4	51.6	49.1	51.6	53.4	53.3	53.3	53.5	53.8	53.4
-72.5°	34.2	30.0	28.1	26.3	28.1	30.0	34.2	38.2	42.2	45.0	44.8
-75°	25.3	20.9	20.7	20.7	20.7	20.9	25.3	29.5	33.7	36.9	36.9
-77.5°	19.1	15.3	15.2	15.2	15.2	15.3	19.1	22.8	26.2	28.9	28.7
-80°	12.9	11.1	11.3	11.6	11.3	11.1	12.9	14.7	16.4	17.9	18.6
-82.5°	8.7	7.6	7.6	7.6	7.6	7.6	8.7	9.9	10.9	11.8	11.5
-85°	3.4	3.0	3.0	3.0	3.0	3.0	3.4	3.7	4.0	4.4	4.1
-87.5°	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.7	0.9	1.0	1.0
-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: P558597 (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°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7
85°	3.9	3.7	3.5	3.8	4.2	4.4	4.6	4.1	3.6	3.1	2.7
82.5°	11.1	10.7	10.2	10.3	10.3	10.3	10.2	9.0	7.8	6.7	5.8
80°	19.1	19.3	19.3	18.9	18.5	18.0	17.2	14.9	12.9	11.1	9.9
77.5°	28.5	28.3	28.1	27.5	26.8	26.2	24.9	21.5	18.3	15.4	13.8
75°	36.7	36.4	35.9	34.9	33.9	32.8	30.8	27.5	24.1	20.5	18.6
72.5°	44.5	44.1	43.3	42.1	40.8	39.5	37.6	34.7	31.2	26.9	24.8
70°	52.9	52.2	51.2	49.7	48.2	46.6	45.1	43.0	40.1	36.4	34.3
67.5°	62.4	61.3	60.2	58.7	57.1	55.2	53.9	52.2	49.9	46.8	44.4
65°	76.7	74.1	72.6	72.3	70.9	68.1	65.0	63.0	60.8	57.9	54.7
62.5°	95.8	94.6	91.7	88.6	86.2	84.1	80.3	76.2	72.5	69.2	65.4
60°	111.2	108.6	106.2	103.3	99.9	96.7	93.6	89.5	84.4	80.2	76.0
57.5°	124.6	122.1	120.4	117.7	113.8	110.5	107.1	102.9	97.9	91.9	86.6
55°	139.7	137.8	136.1	133.5	130.0	125.5	121.1	116.6	111.0	103.8	97.3
52.5°	157.7	155.3	152.8	150.1	145.9	140.4	135.1	129.9	123.4	115.6	107.6
50°	178.6	173.8	169.6	166.0	160.6	154.5	148.2	142.2	134.5	126.5	118.2
47.5°	194.4	190.3	185.5	180.2	174.2	167.6	160.6	153.1	145.1	136.7	128.0
45°	218.0	209.1	199.8	193.9	187.1	180.0	172.5	164.0	155.2	146.3	137.1
42.5°	279.3	246.1	224.6	212.2	200.8	192.7	183.7	174.6	165.2	155.6	146.0
40°	458.0	328.9	285.7	243.7	221.5	207.1	195.4	184.7	174.7	164.7	154.4
37.5°	785.7	602.8	453.8	319.1	268.9	226.7	209.1	195.2	183.8	173.3	162.6
35°	1197.4	986.5	742.3	543.3	360.5	281.5	227.2	207.7	193.2	181.8	170.5
32.5°	1554.9	1349.6	1113.6	839.9	588.5	379.9	280.5	224.3	203.5	190.1	178.1
30°	1859.1	1669.3	1444.0	1171.4	870.4	587.0	358.5	266.9	218.9	198.1	185.4
27.5°	2107.3	1937.0	1726.0	1478.1	1171.0	838.0	544.0	319.8	242.0	210.0	192.3
25°	2335.1	2155.6	1957.7	1726.3	1446.8	1110.9	746.9	459.3	287.3	222.8	198.8
22.5°	2551.6	2360.9	2157.6	1933.3	1674.7	1353.6	990.6	614.5	333.0	245.9	208.8
20°	2760.8	2550.7	2338.8	2105.8	1847.5	1567.5	1211.2	800.4	463.7	281.0	218.3
17.5°	2975.2	2734.6	2494.7	2257.6	1995.7	1714.6	1383.2	987.4	577.2	312.5	226.5
15°	3178.2	2909.5	2644.8	2384.0	2122.2	1837.4	1526.8	1154.0	689.9	376.4	249.8
12.5°	3383.7	3070.9	2783.6	2491.3	2228.5	1939.8	1628.6	1267.7	822.1	454.6	273.1
10°	3569.9	3219.1	2900.5	2591.1	2307.8	2021.5	1710.5	1359.1	930.9	518.9	292.1
7.5°	3729.5	3347.9	2997.8	2672.5	2371.5	2089.6	1780.7	1432.0	1012.8	568.6	307.0
5°	3852.5	3442.0	3072.5	2739.3	2421.0	2136.1	1832.1	1485.1	1068.0	603.4	317.7
2.5°	3926.6	3499.1	3116.4	2780.6	2451.8	2162.6	1859.2	1519.0	1103.2	626.0	325.6
0°	3958.5	3516.3	3148.6	2808.6	2463.6	2173.7	1858.6	1531.8	1116.0	634.4	329.3
-2.5°	3926.6	3499.1	3116.4	2780.6	2451.8	2162.6	1859.2	1519.0	1103.2	626.0	325.6
-5°	3852.5	3442.0	3072.5	2739.3	2421.0	2136.1	1832.1	1485.1	1068.0	603.4	317.7
-7.5°	3729.5	3347.9	2997.8	2672.5	2371.5	2089.6	1780.7	1432.0	1012.8	568.6	307.0
-10°	3569.9	3219.1	2900.5	2591.1	2307.8	2021.5	1710.5	1359.1	930.9	518.9	292.1
-12.5°	3383.7	3070.9	2783.6	2491.3	2228.5	1939.8	1628.6	1267.7	822.1	454.6	273.1
-15°	3178.2	2909.5	2644.8	2384.0	2122.2	1837.4	1526.8	1154.0	689.9	376.4	249.8
-17.5°	2975.2	2734.6	2494.7	2257.6	1995.7	1714.6	1383.2	987.4	577.2	312.5	226.5
-20°	2760.8	2550.7	2338.8	2105.8	1847.5	1567.5	1211.2	800.4	463.7	281.0	218.3



REPORT NUMBER: P558597 (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°	2551.6	2360.9	2157.6	1933.3	1674.7	1353.6	990.6	614.5	333.0	245.9	208.8
-25°	2335.1	2155.6	1957.7	1726.3	1446.8	1110.9	746.9	459.3	287.3	222.8	198.8
-27.5°	2107.3	1937.0	1726.0	1478.1	1171.0	838.0	544.0	319.8	242.0	210.0	192.3
-30°	1859.1	1669.3	1444.0	1171.4	870.4	587.0	358.5	266.9	218.9	198.1	185.4
-32.5°	1554.9	1349.6	1113.6	839.9	588.5	379.9	280.5	224.3	203.5	190.1	178.1
-35°	1197.4	986.5	742.3	543.3	360.5	281.5	227.2	207.7	193.2	181.8	170.5
-37.5°	785.7	602.8	453.8	319.1	268.9	226.7	209.1	195.2	183.8	173.3	162.6
-40°	458.0	328.9	285.7	243.7	221.5	207.1	195.4	184.7	174.7	164.7	154.4
-42.5°	279.3	246.1	224.6	212.2	200.8	192.7	183.7	174.6	165.2	155.6	146.0
-45°	218.0	209.1	199.8	193.9	187.1	180.0	172.5	164.0	155.2	146.3	137.1
-47.5°	194.4	190.3	185.5	180.2	174.2	167.6	160.6	153.1	145.1	136.7	128.0
-50°	178.6	173.8	169.6	166.0	160.6	154.5	148.2	142.2	134.5	126.5	118.2
-52.5°	157.7	155.3	152.8	150.1	145.9	140.4	135.1	129.9	123.4	115.6	107.6
-55°	139.7	137.8	136.1	133.5	130.0	125.5	121.1	116.6	111.0	103.8	97.3
-57.5°	124.6	122.1	120.4	117.7	113.8	110.5	107.1	102.9	97.9	91.9	86.6
-60°	111.2	108.6	106.2	103.3	99.9	96.7	93.6	89.5	84.4	80.2	76.0
-62.5°	95.8	94.6	91.7	88.6	86.2	84.1	80.3	76.2	72.5	69.2	65.4
-65°	76.7	74.1	72.6	72.3	70.9	68.1	65.0	63.0	60.8	57.9	54.7
-67.5°	62.4	61.3	60.2	58.7	57.1	55.2	53.9	52.2	49.9	46.8	44.4
-70°	52.9	52.2	51.2	49.7	48.2	46.6	45.1	43.0	40.1	36.4	34.3
-72.5°	44.5	44.1	43.3	42.1	40.8	39.5	37.6	34.7	31.2	26.9	24.8
-75°	36.7	36.4	35.9	34.9	33.9	32.8	30.8	27.5	24.1	20.5	18.6
-77.5°	28.5	28.3	28.1	27.5	26.8	26.2	24.9	21.5	18.3	15.4	13.8
-80°	19.1	19.3	19.3	18.9	18.5	18.0	17.2	14.9	12.9	11.1	9.9
-82.5°	11.1	10.7	10.2	10.3	10.3	10.3	10.2	9.0	7.8	6.7	5.8
-85°	3.9	3.7	3.5	3.8	4.2	4.4	4.6	4.1	3.6	3.1	2.7
-87.5°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7
-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: P558597 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-930-U-MWR-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°	0.8	1.0	1.1	1.1	1.2	1.3	1.3	1.3	1.2	1.1	1.0
85°	2.9	3.0	3.0	2.9	2.7	2.5	2.5	2.5	2.4	2.2	2.0
82.5°	6.1	6.3	6.4	6.4	6.0	5.6	5.1	4.6	4.1	3.4	3.0
80°	10.4	10.8	10.9	10.6	9.6	8.6	7.9	7.2	6.7	5.9	5.0
77.5°	14.9	15.5	15.8	15.5	14.1	12.7	11.3	10.1	9.3	8.5	7.4
75°	19.5	20.5	21.1	20.7	19.0	16.8	15.0	13.6	12.5	11.1	9.8
72.5°	25.2	25.7	26.3	26.2	24.7	22.5	19.6	17.1	15.9	14.3	12.3
70°	33.0	31.5	31.2	31.0	30.1	28.4	25.5	22.2	19.4	17.6	15.4
67.5°	42.4	40.4	38.4	36.2	35.1	33.6	31.4	27.4	23.8	20.9	18.4
65°	51.8	49.1	46.6	43.4	40.8	38.8	36.5	32.4	28.0	24.3	21.4
62.5°	61.4	57.5	54.1	50.4	46.9	44.1	41.6	36.9	32.0	27.6	24.2
60°	71.4	66.7	61.6	57.1	52.9	49.2	45.8	41.4	36.1	30.7	26.7
57.5°	81.6	76.1	69.8	64.0	59.0	54.3	49.8	45.3	40.1	34.1	28.9
55°	91.6	85.6	78.0	71.1	65.0	59.7	54.0	48.9	43.8	37.6	30.5
52.5°	100.5	94.2	86.7	78.4	71.1	64.8	58.6	52.4	47.0	41.1	32.6
50°	109.6	101.8	94.7	86.4	77.2	69.9	63.0	56.4	50.2	44.2	34.7
47.5°	119.1	110.0	101.6	93.9	84.5	74.8	67.4	60.2	53.2	47.0	36.5
45°	127.9	118.4	108.8	100.2	91.2	80.6	71.8	63.9	56.6	48.4	38.0
42.5°	136.2	126.3	116.2	106.3	96.9	86.2	76.0	67.7	59.7	49.4	39.1
40°	144.1	133.7	123.2	112.8	102.6	91.3	80.6	71.3	62.6	50.4	39.8
37.5°	151.7	140.7	129.8	119.1	108.4	96.6	84.8	74.8	63.9	51.4	40.3
35°	159.0	147.4	136.3	125.1	113.9	102.0	88.5	78.2	66.0	52.3	40.6
32.5°	165.9	153.9	142.5	130.9	119.0	107.4	92.8	81.2	68.5	53.0	40.6
30°	172.6	160.3	148.3	136.4	123.9	111.9	97.6	84.2	71.4	53.6	40.6
27.5°	179.1	166.2	153.7	141.5	128.7	116.1	102.3	87.2	74.6	54.6	40.9
25°	185.1	171.7	158.8	146.1	133.2	120.1	106.6	90.1	77.3	56.8	41.0
22.5°	190.6	176.7	163.3	150.4	137.6	123.9	110.2	93.7	79.6	59.1	41.0
20°	195.6	181.1	167.6	154.8	141.5	127.6	113.3	96.9	81.7	61.4	40.7
17.5°	200.6	185.7	172.5	159.1	145.2	130.9	116.2	99.8	83.6	63.7	40.4
15°	208.5	190.7	176.9	163.1	148.6	133.9	118.9	102.3	85.4	65.9	40.2
12.5°	215.6	195.2	180.9	166.7	151.7	136.5	121.2	104.5	87.0	67.5	40.4
10°	221.6	199.1	184.4	170.1	154.5	138.8	123.3	106.3	88.3	68.1	40.3
7.5°	226.5	202.5	187.5	173.1	157.0	141.0	125.3	107.9	89.5	68.2	40.0
5°	230.7	206.2	191.3	176.3	160.1	143.1	126.9	109.1	90.7	67.7	39.4
2.5°	235.5	210.6	195.5	179.2	162.7	144.8	128.1	109.9	91.6	66.7	38.7
0°	239.3	214.5	199.3	181.6	164.9	146.2	129.0	110.3	92.1	65.3	37.9
-2.5°	235.5	210.6	195.5	179.2	162.7	144.8	128.1	109.9	91.6	66.7	38.7
-5°	230.7	206.2	191.3	176.3	160.1	143.1	126.9	109.1	90.7	67.7	39.4
-7.5°	226.5	202.5	187.5	173.1	157.0	141.0	125.3	107.9	89.5	68.2	40.0
-10°	221.6	199.1	184.4	170.1	154.5	138.8	123.3	106.3	88.3	68.1	40.3
-12.5°	215.6	195.2	180.9	166.7	151.7	136.5	121.2	104.5	87.0	67.5	40.4
-15°	208.5	190.7	176.9	163.1	148.6	133.9	118.9	102.3	85.4	65.9	40.2
-17.5°	200.6	185.7	172.5	159.1	145.2	130.9	116.2	99.8	83.6	63.7	40.4
-20°	195.6	181.1	167.6	154.8	141.5	127.6	113.3	96.9	81.7	61.4	40.7



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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°	190.6	176.7	163.3	150.4	137.6	123.9	110.2	93.7	79.6	59.1	41.0
-25°	185.1	171.7	158.8	146.1	133.2	120.1	106.6	90.1	77.3	56.8	41.0
-27.5°	179.1	166.2	153.7	141.5	128.7	116.1	102.3	87.2	74.6	54.6	40.9
-30°	172.6	160.3	148.3	136.4	123.9	111.9	97.6	84.2	71.4	53.6	40.6
-32.5°	165.9	153.9	142.5	130.9	119.0	107.4	92.8	81.2	68.5	53.0	40.6
-35°	159.0	147.4	136.3	125.1	113.9	102.0	88.5	78.2	66.0	52.3	40.6
-37.5°	151.7	140.7	129.8	119.1	108.4	96.6	84.8	74.8	63.9	51.4	40.3
-40°	144.1	133.7	123.2	112.8	102.6	91.3	80.6	71.3	62.6	50.4	39.8
-42.5°	136.2	126.3	116.2	106.3	96.9	86.2	76.0	67.7	59.7	49.4	39.1
-45°	127.9	118.4	108.8	100.2	91.2	80.6	71.8	63.9	56.6	48.4	38.0
-47.5°	119.1	110.0	101.6	93.9	84.5	74.8	67.4	60.2	53.2	47.0	36.5
-50°	109.6	101.8	94.7	86.4	77.2	69.9	63.0	56.4	50.2	44.2	34.7
-52.5°	100.5	94.2	86.7	78.4	71.1	64.8	58.6	52.4	47.0	41.1	32.6
-55°	91.6	85.6	78.0	71.1	65.0	59.7	54.0	48.9	43.8	37.6	30.5
-57.5°	81.6	76.1	69.8	64.0	59.0	54.3	49.8	45.3	40.1	34.1	28.9
-60°	71.4	66.7	61.6	57.1	52.9	49.2	45.8	41.4	36.1	30.7	26.7
-62.5°	61.4	57.5	54.1	50.4	46.9	44.1	41.6	36.9	32.0	27.6	24.2
-65°	51.8	49.1	46.6	43.4	40.8	38.8	36.5	32.4	28.0	24.3	21.4
-67.5°	42.4	40.4	38.4	36.2	35.1	33.6	31.4	27.4	23.8	20.9	18.4
-70°	33.0	31.5	31.2	31.0	30.1	28.4	25.5	22.2	19.4	17.6	15.4
-72.5°	25.2	25.7	26.3	26.2	24.7	22.5	19.6	17.1	15.9	14.3	12.3
-75°	19.5	20.5	21.1	20.7	19.0	16.8	15.0	13.6	12.5	11.1	9.8
-77.5°	14.9	15.5	15.8	15.5	14.1	12.7	11.3	10.1	9.3	8.5	7.4
-80°	10.4	10.8	10.9	10.6	9.6	8.6	7.9	7.2	6.7	5.9	5.0
-82.5°	6.1	6.3	6.4	6.4	6.0	5.6	5.1	4.6	4.1	3.4	3.0
-85°	2.9	3.0	3.0	2.9	2.7	2.5	2.5	2.5	2.4	2.2	2.0
-87.5°	0.8	1.0	1.1	1.1	1.2	1.3	1.3	1.3	1.2	1.1	1.0
-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°	0.9	0.7	0.5	0.4	0.2	0.1	0.0
85°	1.8	1.4	1.0	0.7	0.4	0.2	0.0
82.5°	2.7	2.1	1.6	1.1	0.7	0.3	0.0
80°	3.7	2.8	2.1	1.4	0.9	0.4	0.0
77.5°	5.9	3.8	2.6	1.8	1.1	0.5	0.0
75°	8.0	5.4	3.2	2.1	1.3	0.6	0.0
72.5°	10.1	7.1	4.4	2.4	1.5	0.8	0.0
70°	12.1	8.6	5.5	2.9	1.7	0.9	0.0
67.5°	14.5	10.1	6.7	3.6	1.9	1.0	0.0
65°	16.9	11.8	7.8	4.4	2.1	1.1	0.0
62.5°	19.1	13.5	8.8	5.2	2.3	1.2	0.0
60°	21.2	15.1	9.8	5.9	2.5	1.2	0.0
57.5°	22.6	16.7	11.0	6.5	2.9	1.3	0.0
55°	23.8	18.1	12.1	7.2	3.4	1.4	0.0
52.5°	24.8	19.4	13.1	7.8	3.8	1.5	0.0
50°	25.7	20.0	14.1	8.4	4.2	1.6	0.0
47.5°	26.4	20.5	15.0	9.0	4.6	1.7	0.0
45°	27.7	20.9	15.8	9.6	5.0	1.8	0.0
42.5°	28.8	21.1	16.5	10.1	5.3	1.8	0.0
40°	29.7	21.2	16.9	10.7	5.6	1.9	0.0
37.5°	30.4	21.2	17.0	11.3	6.0	2.0	0.0
35°	30.9	21.5	16.9	11.9	6.3	2.0	0.0
32.5°	31.1	21.8	16.8	12.5	6.5	2.1	0.0
30°	31.1	22.0	16.7	13.0	6.8	2.2	0.0
27.5°	30.9	22.1	16.8	13.5	7.0	2.2	0.0
25°	30.6	22.0	17.0	14.0	7.2	2.3	0.0
22.5°	30.1	22.1	17.2	14.5	7.4	2.3	0.0
20°	29.5	22.6	17.3	15.0	7.6	2.3	0.0
17.5°	29.5	23.1	17.4	15.4	7.7	2.4	0.0
15°	29.9	23.6	17.5	15.8	7.8	2.4	0.0
12.5°	30.3	23.9	17.6	16.1	7.9	2.4	0.0
10°	30.6	24.3	17.6	16.4	8.0	2.5	0.0
7.5°	30.8	24.5	17.7	16.7	8.1	2.5	0.0
5°	30.9	24.7	17.7	16.9	8.1	2.5	0.0
2.5°	30.9	24.8	17.7	17.1	8.1	2.5	0.0
0°	30.9	24.8	17.7	17.2	8.1	2.5	0.0
-2.5°	30.9	24.8	17.7	17.1	8.1	2.5	0.0
-5°	30.9	24.7	17.7	16.9	8.1	2.5	0.0
-7.5°	30.8	24.5	17.7	16.7	8.1	2.5	0.0
-10°	30.6	24.3	17.6	16.4	8.0	2.5	0.0
-12.5°	30.3	23.9	17.6	16.1	7.9	2.4	0.0
-15°	29.9	23.6	17.5	15.8	7.8	2.4	0.0
-17.5°	29.5	23.1	17.4	15.4	7.7	2.4	0.0
-20°	29.5	22.6	17.3	15.0	7.6	2.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	30.1	22.1	17.2	14.5	7.4	2.3	0.0
-25°	30.6	22.0	17.0	14.0	7.2	2.3	0.0
-27.5°	30.9	22.1	16.8	13.5	7.0	2.2	0.0
-30°	31.1	22.0	16.7	13.0	6.8	2.2	0.0
-32.5°	31.1	21.8	16.8	12.5	6.5	2.1	0.0
-35°	30.9	21.5	16.9	11.9	6.3	2.0	0.0
-37.5°	30.4	21.2	17.0	11.3	6.0	2.0	0.0
-40°	29.7	21.2	16.9	10.7	5.6	1.9	0.0
-42.5°	28.8	21.1	16.5	10.1	5.3	1.8	0.0
-45°	27.7	20.9	15.8	9.6	5.0	1.8	0.0
-47.5°	26.4	20.5	15.0	9.0	4.6	1.7	0.0
-50°	25.7	20.0	14.1	8.4	4.2	1.6	0.0
-52.5°	24.8	19.4	13.1	7.8	3.8	1.5	0.0
-55°	23.8	18.1	12.1	7.2	3.4	1.4	0.0
-57.5°	22.6	16.7	11.0	6.5	2.9	1.3	0.0
-60°	21.2	15.1	9.8	5.9	2.5	1.2	0.0
-62.5°	19.1	13.5	8.8	5.2	2.3	1.2	0.0
-65°	16.9	11.8	7.8	4.4	2.1	1.1	0.0
-67.5°	14.5	10.1	6.7	3.6	1.9	1.0	0.0
-70°	12.1	8.6	5.5	2.9	1.7	0.9	0.0
-72.5°	10.1	7.1	4.4	2.4	1.5	0.8	0.0
-75°	8.0	5.4	3.2	2.1	1.3	0.6	0.0
-77.5°	5.9	3.8	2.6	1.8	1.1	0.5	0.0
-80°	3.7	2.8	2.1	1.4	0.9	0.4	0.0
-82.5°	2.7	2.1	1.6	1.1	0.7	0.3	0.0
-85°	1.8	1.4	1.0	0.7	0.4	0.2	0.0
-87.5°	0.9	0.7	0.5	0.4	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)