

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: P558590 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-927-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558590 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1E-927-U-NAT-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (16) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

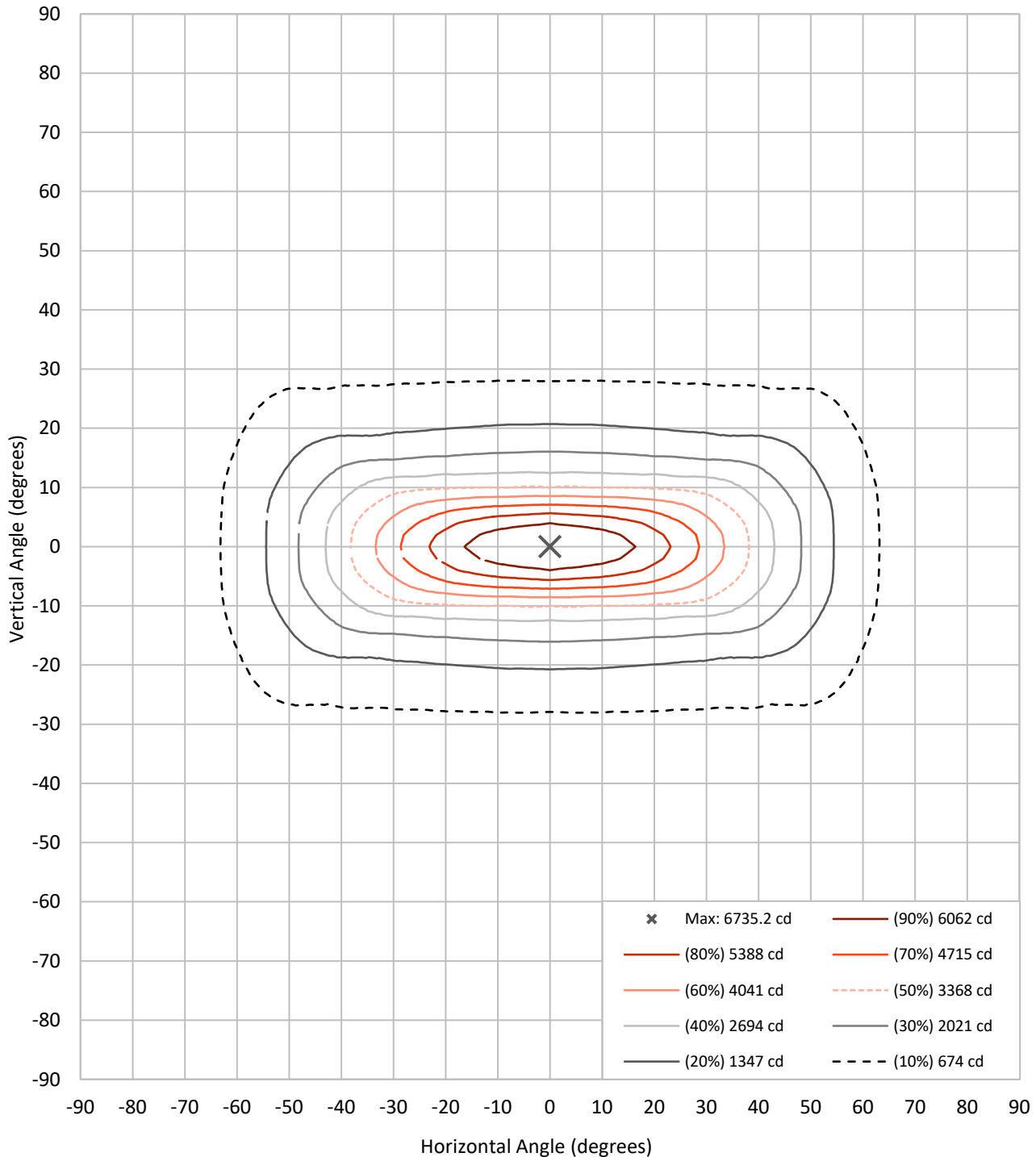
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	4823.6 lumens	Max Intensity:	6735.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	75.4 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	1929.9 lumens	Field Lumens:	3953.5 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

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





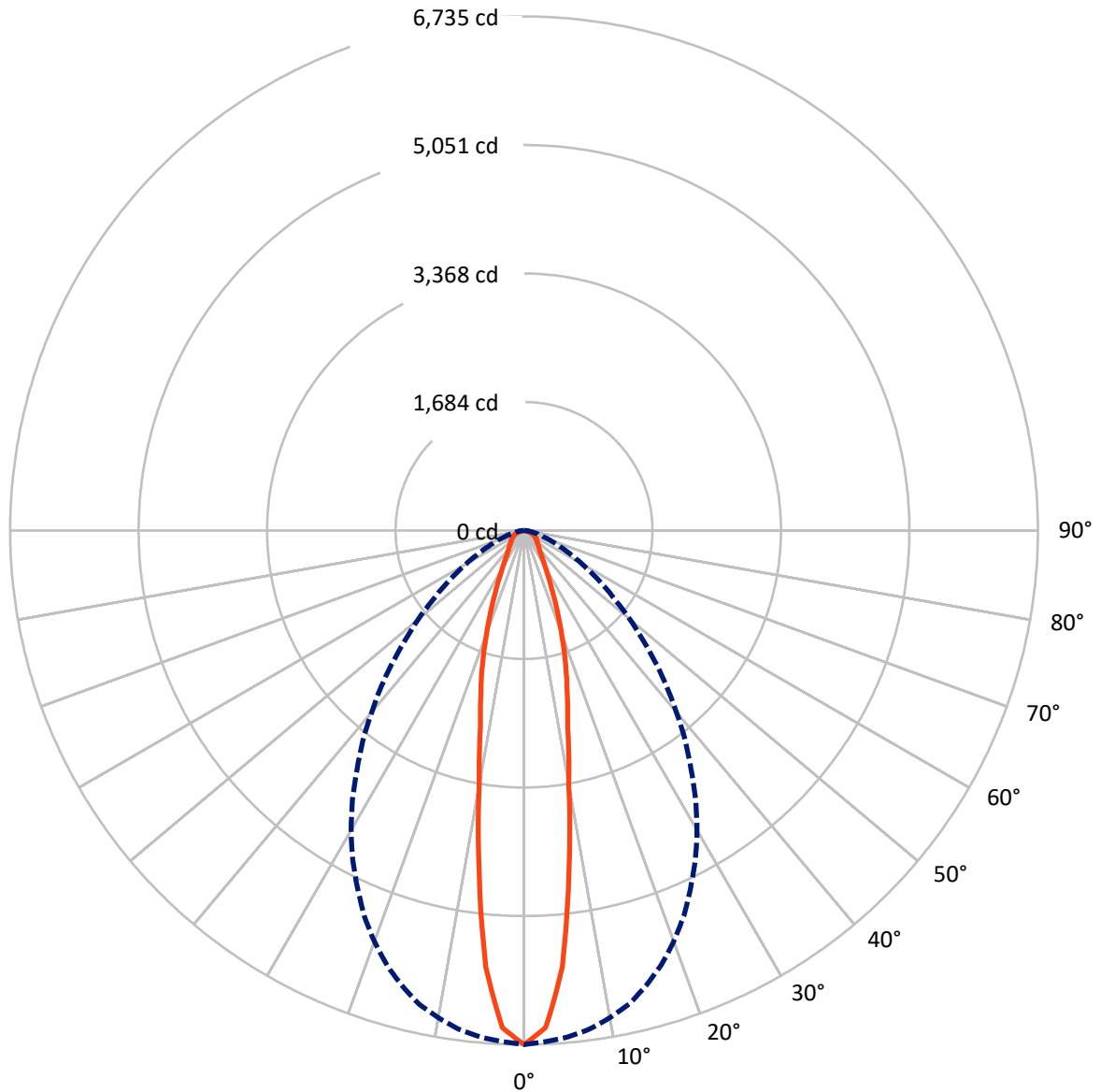
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Lumen Table

90																			
80	0.3	1.7		3.4		4.9		5.5		4.9		3.4		1.7		0.3			
70																			
60	1.0	1.0	1.7	2.3	2.9	3.4	3.9	4.2	4.2	3.9	3.4	2.9	2.3	1.7	1.0	1.0			
50		1.6	2.7	3.7	4.4	5.0	5.6	5.9	5.9	5.6	5.0	4.4	3.7	2.7	1.6				
40	2.1	2.4	4.2	5.5	6.4	7.1	7.6	7.9	7.9	7.6	7.1	6.4	5.5	4.2	2.4	2.1			
30		3.5	6.7	8.9	10.3	11.4	12.2	12.5	12.5	12.2	11.4	10.3	8.9	6.7	3.5				
20	3.2	5.0	11.4	17.0	20.5	23.8	26.5	28.1	28.1	26.5	23.8	20.5	17.0	11.4	5.0	3.2			
10		6.6	17.6	33.8	48.6	58.0	64.6	68.3	68.3	64.6	58.0	48.6	33.8	17.6	6.6				
0	3.6	7.6	22.6	49.8	86.2	122.3	148.8	162.8	162.8	148.8	122.3	86.2	49.8	22.6	7.6	3.6			
-10		7.6	22.6	49.8	86.2	122.3	148.8	162.8	162.8	148.8	122.3	86.2	49.8	22.6	7.6				
-20	3.2	6.6	17.6	33.8	48.6	58.0	64.6	68.3	68.3	64.6	58.0	48.6	33.8	17.6	6.6	3.2			
-30		5.0	11.4	17.0	20.5	23.8	26.5	28.1	28.1	26.5	23.8	20.5	17.0	11.4	5.0				
-40	2.1	3.5	6.7	8.9	10.3	11.4	12.2	12.5	12.5	12.2	11.4	10.3	8.9	6.7	3.5	2.1			
-50		2.4	4.2	5.5	6.4	7.1	7.6	7.9	7.9	7.6	7.1	6.4	5.5	4.2	2.4				
-60	1.0	1.6	2.7	3.7	4.4	5.0	5.6	5.9	5.9	5.6	5.0	4.4	3.7	2.7	1.6	1.0			
-70		1.0	1.7	2.3	2.9	3.4	3.9	4.2	4.2	3.9	3.4	2.9	2.3	1.7	1.0				
-80	0.3	1.7		3.4		4.9		5.5		4.9		3.4		1.7		0.3			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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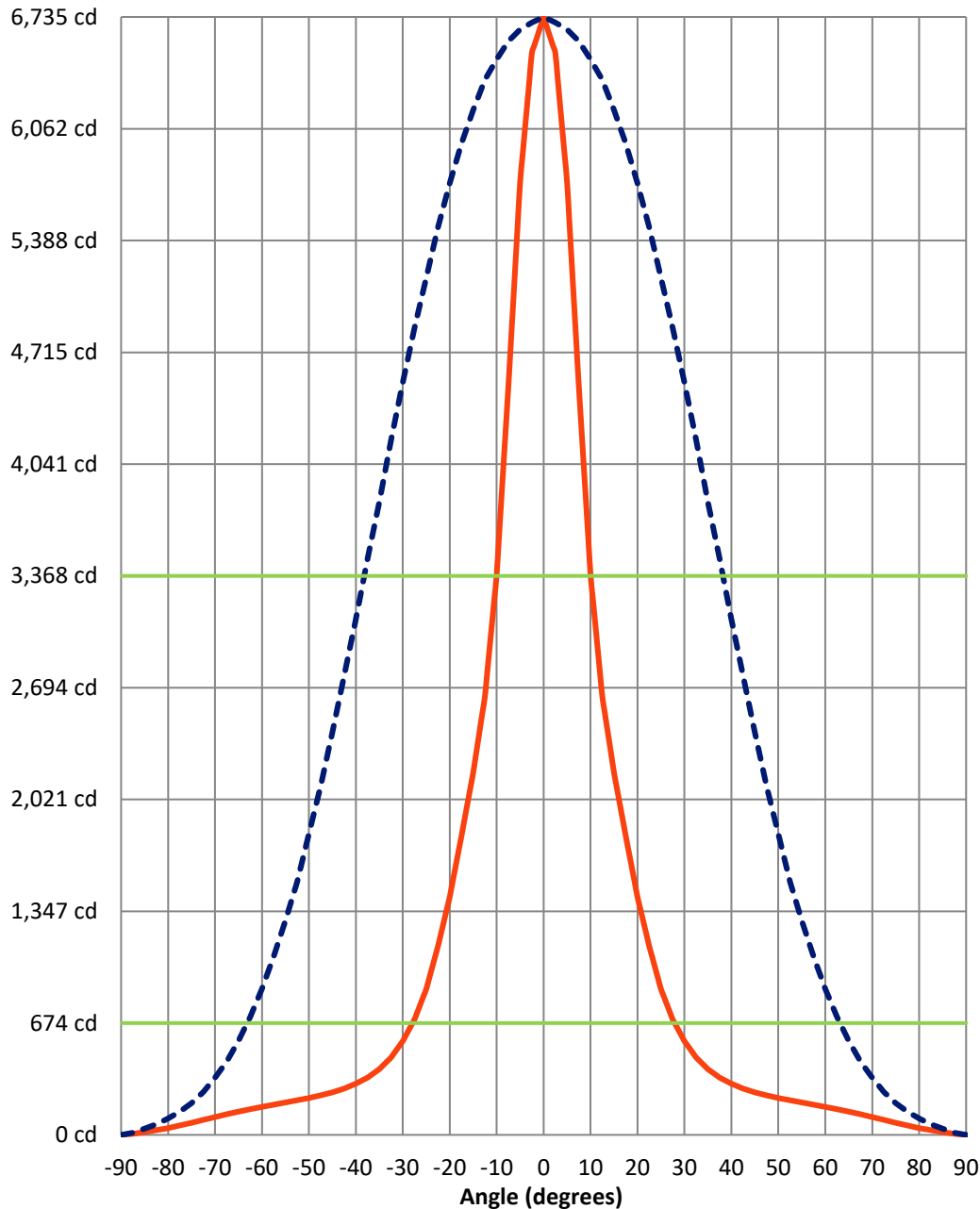
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 76.4°
 V Angle: 20°
 Lumens: 1929.9
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 3953.5
 Efficiency: 82.0%

Spill:
 Lumens: 870.2
 Efficiency: 18.0%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.6	1.1	1.6	2.0	2.4	2.7	3.1	3.4	3.7	4.0
85°	0.0	1.1	2.2	3.2	4.0	4.8	5.4	6.1	6.8	7.4	7.9
82.5°	0.0	1.7	3.3	4.8	6.0	7.1	8.1	9.1	10.4	12.3	14.1
80°	0.0	2.2	4.4	6.4	8.0	9.5	11.1	14.1	16.8	19.4	21.7
77.5°	0.0	2.8	5.5	7.9	10.0	12.6	16.3	19.9	23.3	26.4	29.3
75°	0.0	3.3	6.6	9.5	12.3	17.1	21.4	25.7	29.8	34.0	37.5
72.5°	0.0	3.8	7.7	11.1	16.0	21.6	26.6	31.7	37.1	41.8	45.7
70°	0.0	4.4	8.7	12.8	19.7	26.0	31.8	38.4	44.4	49.6	54.7
67.5°	0.0	4.9	9.8	15.6	23.3	30.4	37.9	45.1	51.8	58.5	64.0
65°	0.0	5.4	10.8	18.4	26.9	35.1	43.9	51.8	60.2	67.5	74.0
62.5°	0.0	5.9	11.8	21.1	30.4	40.3	49.8	59.2	68.7	76.9	85.3
60°	0.0	6.4	12.8	23.8	33.9	45.4	55.8	67.0	77.2	87.6	96.8
57.5°	0.0	6.9	14.5	26.4	38.0	50.4	62.5	74.8	86.7	98.3	109.2
55°	0.0	7.3	16.2	29.0	42.1	55.4	69.2	82.5	96.5	109.4	122.2
52.5°	0.0	7.8	17.9	31.5	46.1	60.4	75.9	91.2	106.3	122.0	135.7
50°	0.0	8.2	19.5	34.0	50.0	65.9	82.4	100.0	116.6	134.8	151.6
47.5°	0.0	8.6	21.1	36.5	53.8	71.3	89.0	108.9	128.4	147.8	168.4
45°	0.0	9.0	22.6	39.3	57.6	76.6	96.7	117.8	140.4	163.6	185.8
42.5°	0.0	9.4	24.1	42.0	61.3	81.8	104.4	127.7	152.5	179.9	205.6
40°	0.0	9.8	25.5	44.6	65.0	86.8	111.9	138.1	165.3	196.4	226.4
37.5°	0.0	10.2	26.8	46.9	68.9	91.6	119.4	148.4	179.9	213.7	247.9
35°	0.0	10.5	28.1	49.2	72.5	97.1	126.7	158.5	194.5	232.9	271.3
32.5°	0.0	10.8	29.3	51.2	76.1	102.9	134.2	168.5	208.9	252.4	296.9
30°	0.0	11.1	30.4	53.2	79.5	108.5	142.3	178.8	223.2	272.0	323.2
27.5°	0.0	11.4	31.4	54.9	82.3	113.9	150.0	190.4	238.1	291.7	349.9
25°	0.0	11.6	32.4	56.5	84.8	119.0	157.5	201.7	254.2	313.1	377.0
22.5°	0.0	11.8	33.3	58.0	87.2	123.6	164.6	212.6	270.0	335.3	406.6
20°	0.0	12.0	34.1	59.3	89.4	127.1	171.4	223.0	285.4	357.2	436.0
17.5°	0.0	12.2	34.9	60.4	91.4	130.2	176.5	233.0	300.3	378.5	464.9
15°	0.0	12.4	35.5	61.4	93.2	132.8	180.3	240.8	314.5	399.2	493.1
12.5°	0.0	12.5	36.1	62.2	94.7	135.1	183.6	245.9	324.7	419.1	520.3
10°	0.0	12.6	36.6	62.8	96.0	136.9	186.3	250.1	331.2	428.4	541.5
7.5°	0.0	12.7	37.0	63.3	97.1	138.2	188.4	253.4	336.5	434.6	551.1
5°	0.0	12.8	37.3	63.6	97.9	139.2	190.0	255.9	340.5	438.8	558.5
2.5°	0.0	12.8	37.5	63.8	98.5	139.8	190.9	257.4	343.2	441.2	563.7
0°	0.0	12.8	37.6	63.8	98.8	139.9	191.3	258.0	344.5	441.8	566.4
-2.5°	0.0	12.8	37.5	63.8	98.5	139.8	190.9	257.4	343.2	441.2	563.7
-5°	0.0	12.8	37.3	63.6	97.9	139.2	190.0	255.9	340.5	438.8	558.5
-7.5°	0.0	12.7	37.0	63.3	97.1	138.2	188.4	253.4	336.5	434.6	551.1
-10°	0.0	12.6	36.6	62.8	96.0	136.9	186.3	250.1	331.2	428.4	541.5
-12.5°	0.0	12.5	36.1	62.2	94.7	135.1	183.6	245.9	324.7	419.1	520.3
-15°	0.0	12.4	35.5	61.4	93.2	132.8	180.3	240.8	314.5	399.2	493.1
-17.5°	0.0	12.2	34.9	60.4	91.4	130.2	176.5	233.0	300.3	378.5	464.9
-20°	0.0	12.0	34.1	59.3	89.4	127.1	171.4	223.0	285.4	357.2	436.0



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	11.8	33.3	58.0	87.2	123.6	164.6	212.6	270.0	335.3	406.6
-25°	0.0	11.6	32.4	56.5	84.8	119.0	157.5	201.7	254.2	313.1	377.0
-27.5°	0.0	11.4	31.4	54.9	82.3	113.9	150.0	190.4	238.1	291.7	349.9
-30°	0.0	11.1	30.4	53.2	79.5	108.5	142.3	178.8	223.2	272.0	323.2
-32.5°	0.0	10.8	29.3	51.2	76.1	102.9	134.2	168.5	208.9	252.4	296.9
-35°	0.0	10.5	28.1	49.2	72.5	97.1	126.7	158.5	194.5	232.9	271.3
-37.5°	0.0	10.2	26.8	46.9	68.9	91.6	119.4	148.4	179.9	213.7	247.9
-40°	0.0	9.8	25.5	44.6	65.0	86.8	111.9	138.1	165.3	196.4	226.4
-42.5°	0.0	9.4	24.1	42.0	61.3	81.8	104.4	127.7	152.5	179.9	205.6
-45°	0.0	9.0	22.6	39.3	57.6	76.6	96.7	117.8	140.4	163.6	185.8
-47.5°	0.0	8.6	21.1	36.5	53.8	71.3	89.0	108.9	128.4	147.8	168.4
-50°	0.0	8.2	19.5	34.0	50.0	65.9	82.4	100.0	116.6	134.8	151.6
-52.5°	0.0	7.8	17.9	31.5	46.1	60.4	75.9	91.2	106.3	122.0	135.7
-55°	0.0	7.3	16.2	29.0	42.1	55.4	69.2	82.5	96.5	109.4	122.2
-57.5°	0.0	6.9	14.5	26.4	38.0	50.4	62.5	74.8	86.7	98.3	109.2
-60°	0.0	6.4	12.8	23.8	33.9	45.4	55.8	67.0	77.2	87.6	96.8
-62.5°	0.0	5.9	11.8	21.1	30.4	40.3	49.8	59.2	68.7	76.9	85.3
-65°	0.0	5.4	10.8	18.4	26.9	35.1	43.9	51.8	60.2	67.5	74.0
-67.5°	0.0	4.9	9.8	15.6	23.3	30.4	37.9	45.1	51.8	58.5	64.0
-70°	0.0	4.4	8.7	12.8	19.7	26.0	31.8	38.4	44.4	49.6	54.7
-72.5°	0.0	3.8	7.7	11.1	16.0	21.6	26.6	31.7	37.1	41.8	45.7
-75°	0.0	3.3	6.6	9.5	12.3	17.1	21.4	25.7	29.8	34.0	37.5
-77.5°	0.0	2.8	5.5	7.9	10.0	12.6	16.3	19.9	23.3	26.4	29.3
-80°	0.0	2.2	4.4	6.4	8.0	9.5	11.1	14.1	16.8	19.4	21.7
-82.5°	0.0	1.7	3.3	4.8	6.0	7.1	8.1	9.1	10.4	12.3	14.1
-85°	0.0	1.1	2.2	3.2	4.0	4.8	5.4	6.1	6.8	7.4	7.9
-87.5°	0.0	0.6	1.1	1.6	2.0	2.4	2.7	3.1	3.4	3.7	4.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-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°	4.3	4.6	4.8	5.1	5.3	5.6	5.8	5.9	6.2	6.4	6.7
85°	8.6	9.1	10.1	10.9	11.7	12.3	12.9	13.3	13.8	14.2	14.5
82.5°	15.7	17.1	18.1	18.9	19.8	20.6	21.3	21.9	22.5	23.1	23.5
80°	23.5	25.0	26.5	27.9	29.2	30.2	30.8	31.1	31.9	32.8	33.9
77.5°	31.9	34.2	36.1	37.8	39.3	40.5	41.4	41.9	43.2	44.6	45.9
75°	40.6	43.3	46.1	48.5	50.4	51.8	52.9	53.7	55.2	57.1	58.7
72.5°	49.6	53.3	56.6	59.4	62.0	64.0	65.4	66.4	67.9	70.1	71.9
70°	59.1	63.4	67.8	71.5	74.2	76.5	78.4	79.8	81.1	83.4	85.0
67.5°	68.9	75.0	80.0	83.8	86.9	89.7	91.9	93.3	93.9	96.2	98.1
65°	80.5	87.1	92.5	96.9	99.9	103.4	105.9	107.1	107.5	109.9	112.3
62.5°	92.4	99.6	105.6	110.5	114.5	117.9	120.6	122.1	122.4	124.2	126.9
60°	105.0	112.4	119.5	125.5	129.8	133.2	136.2	137.8	138.1	138.9	141.9
57.5°	118.1	126.1	134.4	141.2	146.1	149.0	152.2	154.0	154.7	154.3	157.4
55°	132.4	140.7	150.1	157.9	163.3	165.9	168.9	171.4	172.3	171.7	173.6
52.5°	148.6	156.8	166.9	175.5	181.4	184.6	186.7	189.8	191.2	190.6	190.2
50°	165.6	176.0	184.3	194.2	201.3	205.4	205.5	209.3	211.2	210.6	208.0
47.5°	184.9	196.6	202.9	214.2	223.5	228.3	228.6	230.1	232.4	233.0	230.9
45°	205.7	220.0	226.8	236.8	247.2	253.1	254.9	252.1	256.3	257.6	256.2
42.5°	227.7	245.9	256.6	260.6	272.8	281.0	284.1	282.2	282.0	284.9	284.8
40°	253.0	273.9	290.0	294.2	300.3	311.6	318.3	318.0	310.5	315.8	317.2
37.5°	280.1	307.3	327.1	335.9	331.3	346.4	356.1	360.1	355.4	350.2	356.2
35°	308.6	342.9	369.7	384.7	385.4	385.1	400.4	408.6	409.1	399.5	401.7
32.5°	340.5	380.8	416.2	440.6	451.6	444.8	448.8	466.0	474.5	470.8	457.0
30°	374.7	424.2	467.7	502.0	526.7	533.9	517.5	530.9	549.6	557.1	551.1
27.5°	409.4	470.3	525.4	573.0	611.2	635.4	636.0	615.1	636.4	654.4	661.4
25°	444.6	516.4	586.6	651.0	708.9	750.5	769.7	771.9	742.2	769.2	794.4
22.5°	482.1	563.8	647.1	734.2	814.8	876.0	922.4	950.4	949.5	921.2	943.3
20°	521.8	615.5	712.4	815.7	925.7	1009.7	1087.6	1147.2	1183.1	1195.0	1171.8
17.5°	561.4	667.5	780.9	904.0	1031.2	1147.8	1264.5	1359.6	1434.9	1496.7	1518.8
15°	600.5	719.5	849.8	992.9	1139.9	1285.8	1435.9	1581.5	1709.7	1822.8	1889.9
12.5°	638.8	770.7	918.0	1081.4	1250.1	1425.8	1604.9	1782.2	1966.9	2150.1	2289.3
10°	675.6	820.6	984.9	1168.3	1360.3	1565.6	1773.5	1984.0	2208.3	2424.4	2632.4
7.5°	691.4	853.2	1042.5	1252.6	1468.5	1703.4	1939.6	2183.9	2446.0	2698.1	2952.2
5°	701.1	866.2	1058.7	1277.6	1517.8	1793.3	2075.1	2377.8	2676.8	2967.1	3266.5
2.5°	707.5	875.0	1069.5	1287.4	1525.1	1808.0	2093.4	2407.6	2743.2	3078.9	3435.3
0°	710.7	879.7	1074.9	1290.4	1524.2	1812.8	2100.4	2424.6	2764.7	3106.2	3470.9
-2.5°	707.5	875.0	1069.5	1287.4	1525.1	1808.0	2093.4	2407.6	2743.2	3078.9	3435.3
-5°	701.1	866.2	1058.7	1277.6	1517.8	1793.3	2075.1	2377.8	2676.8	2967.1	3266.5
-7.5°	691.4	853.2	1042.5	1252.6	1468.5	1703.4	1939.6	2183.9	2446.0	2698.1	2952.2
-10°	675.6	820.6	984.9	1168.3	1360.3	1565.6	1773.5	1984.0	2208.3	2424.4	2632.4
-12.5°	638.8	770.7	918.0	1081.4	1250.1	1425.8	1604.9	1782.2	1966.9	2150.1	2289.3
-15°	600.5	719.5	849.8	992.9	1139.9	1285.8	1435.9	1581.5	1709.7	1822.8	1889.9
-17.5°	561.4	667.5	780.9	904.0	1031.2	1147.8	1264.5	1359.6	1434.9	1496.7	1518.8
-20°	521.8	615.5	712.4	815.7	925.7	1009.7	1087.6	1147.2	1183.1	1195.0	1171.8



REPORT NUMBER: P558590 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	482.1	563.8	647.1	734.2	814.8	876.0	922.4	950.4	949.5	921.2	943.3
-25°	444.6	516.4	586.6	651.0	708.9	750.5	769.7	771.9	742.2	769.2	794.4
-27.5°	409.4	470.3	525.4	573.0	611.2	635.4	636.0	615.1	636.4	654.4	661.4
-30°	374.7	424.2	467.7	502.0	526.7	533.9	517.5	530.9	549.6	557.1	551.1
-32.5°	340.5	380.8	416.2	440.6	451.6	444.8	448.8	466.0	474.5	470.8	457.0
-35°	308.6	342.9	369.7	384.7	385.4	385.1	400.4	408.6	409.1	399.5	401.7
-37.5°	280.1	307.3	327.1	335.9	331.3	346.4	356.1	360.1	355.4	350.2	356.2
-40°	253.0	273.9	290.0	294.2	300.3	311.6	318.3	318.0	310.5	315.8	317.2
-42.5°	227.7	245.9	256.6	260.6	272.8	281.0	284.1	282.2	282.0	284.9	284.8
-45°	205.7	220.0	226.8	236.8	247.2	253.1	254.9	252.1	256.3	257.6	256.2
-47.5°	184.9	196.6	202.9	214.2	223.5	228.3	228.6	230.1	232.4	233.0	230.9
-50°	165.6	176.0	184.3	194.2	201.3	205.4	205.5	209.3	211.2	210.6	208.0
-52.5°	148.6	156.8	166.9	175.5	181.4	184.6	186.7	189.8	191.2	190.6	190.2
-55°	132.4	140.7	150.1	157.9	163.3	165.9	168.9	171.4	172.3	171.7	173.6
-57.5°	118.1	126.1	134.4	141.2	146.1	149.0	152.2	154.0	154.7	154.3	157.4
-60°	105.0	112.4	119.5	125.5	129.8	133.2	136.2	137.8	138.1	138.9	141.9
-62.5°	92.4	99.6	105.6	110.5	114.5	117.9	120.6	122.1	122.4	124.2	126.9
-65°	80.5	87.1	92.5	96.9	99.9	103.4	105.9	107.1	107.5	109.9	112.3
-67.5°	68.9	75.0	80.0	83.8	86.9	89.7	91.9	93.3	93.9	96.2	98.1
-70°	59.1	63.4	67.8	71.5	74.2	76.5	78.4	79.8	81.1	83.4	85.0
-72.5°	49.6	53.3	56.6	59.4	62.0	64.0	65.4	66.4	67.9	70.1	71.9
-75°	40.6	43.3	46.1	48.5	50.4	51.8	52.9	53.7	55.2	57.1	58.7
-77.5°	31.9	34.2	36.1	37.8	39.3	40.5	41.4	41.9	43.2	44.6	45.9
-80°	23.5	25.0	26.5	27.9	29.2	30.2	30.8	31.1	31.9	32.8	33.9
-82.5°	15.7	17.1	18.1	18.9	19.8	20.6	21.3	21.9	22.5	23.1	23.5
-85°	8.6	9.1	10.1	10.9	11.7	12.3	12.9	13.3	13.8	14.2	14.5
-87.5°	4.3	4.6	4.8	5.1	5.3	5.6	5.8	5.9	6.2	6.4	6.7
-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):

	-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°	6.9	6.8	6.6	6.5	6.3	6.3	6.2	6.2	6.2	6.1	6.1
85°	14.7	15.0	15.3	15.5	15.8	16.0	16.2	16.4	16.6	16.5	16.5
82.5°	23.9	24.7	25.5	26.3	27.0	27.4	27.7	27.9	28.0	28.2	28.4
80°	34.8	35.9	37.0	37.9	38.7	39.2	39.7	40.0	40.3	40.6	40.7
77.5°	47.1	48.4	49.6	50.7	51.7	52.5	53.3	53.9	54.3	55.0	55.6
75°	60.1	61.6	63.1	64.5	65.7	67.0	68.3	69.5	70.5	71.4	72.1
72.5°	73.3	74.8	76.7	78.5	80.1	81.9	83.6	85.1	86.4	87.7	88.8
70°	86.3	87.8	90.2	92.6	94.8	96.9	98.9	100.8	102.4	104.0	105.5
67.5°	99.7	101.3	104.3	107.0	109.5	111.8	114.3	116.4	118.3	120.0	121.4
65°	114.1	115.4	118.7	121.8	124.4	126.6	129.2	131.5	133.6	135.5	137.0
62.5°	128.9	130.3	133.0	136.0	138.5	140.6	143.6	146.3	148.5	150.4	152.0
60°	144.0	145.1	147.2	150.5	153.3	155.6	158.3	160.9	163.0	164.9	166.5
57.5°	159.6	160.8	161.8	165.1	167.8	169.8	172.2	174.7	176.8	178.6	180.3
55°	175.8	176.7	176.4	179.4	181.9	183.6	185.3	188.0	190.2	191.7	193.3
52.5°	192.3	193.4	192.6	193.9	196.6	198.2	199.0	201.8	204.0	205.4	206.8
50°	210.7	211.6	210.9	210.2	212.8	214.4	214.9	217.2	219.1	220.2	221.2
47.5°	230.7	231.7	231.2	228.3	230.7	232.7	232.7	233.7	235.8	236.6	237.2
45°	252.4	254.4	254.0	252.0	251.6	253.7	253.5	252.7	255.0	256.1	256.4
42.5°	280.8	280.2	280.8	279.6	276.0	278.3	278.6	275.7	278.6	279.9	279.2
40°	315.7	309.3	312.8	312.3	308.9	308.4	310.2	307.9	308.3	310.1	308.7
37.5°	357.1	352.6	350.7	352.2	351.2	346.9	350.4	349.5	346.8	349.9	348.5
35°	408.1	406.8	396.5	402.8	404.0	400.0	401.1	402.9	397.0	401.6	401.2
32.5°	467.8	470.8	468.6	464.8	470.6	471.3	464.6	472.7	469.4	470.6	473.8
30°	535.3	550.9	558.4	551.7	555.3	562.5	559.2	564.8	567.5	563.3	571.3
27.5°	653.4	647.9	666.0	673.9	665.5	678.6	688.2	683.9	697.9	689.6	701.5
25°	803.4	795.4	800.2	826.2	832.0	825.3	852.3	855.4	866.5	867.8	876.1
22.5°	979.7	999.2	997.0	1004.9	1037.5	1048.5	1058.4	1084.3	1078.4	1101.9	1106.0
20°	1176.8	1225.8	1259.6	1266.7	1280.6	1318.2	1335.4	1355.9	1369.6	1391.8	1410.6
17.5°	1510.2	1485.0	1551.3	1592.9	1614.8	1622.6	1667.9	1682.6	1716.6	1736.0	1755.3
15°	1938.2	1952.9	1923.0	1962.6	2029.7	2052.3	2026.3	2087.0	2104.1	2136.8	2142.6
12.5°	2395.7	2469.8	2506.1	2516.0	2481.0	2576.3	2614.5	2566.5	2620.9	2611.1	2655.9
10°	2832.3	3012.2	3119.9	3195.7	3241.8	3269.6	3297.2	3346.7	3347.5	3384.2	3362.8
7.5°	3190.7	3418.8	3636.8	3848.2	4017.4	4112.2	4186.7	4258.1	4353.4	4399.0	4428.6
5°	3541.4	3804.6	4065.4	4321.7	4553.8	4777.1	4996.0	5185.8	5286.4	5403.9	5508.7
2.5°	3768.2	4101.1	4434.1	4764.1	5032.2	5278.4	5506.2	5717.7	5903.3	6075.0	6219.9
0°	3812.4	4185.1	4532.5	4861.6	5163.6	5467.6	5732.9	5972.1	6174.3	6356.7	6479.7
-2.5°	3768.2	4101.1	4434.1	4764.1	5032.2	5278.4	5506.2	5717.7	5903.3	6075.0	6219.9
-5°	3541.4	3804.6	4065.4	4321.7	4553.8	4777.1	4996.0	5185.8	5286.4	5403.9	5508.7
-7.5°	3190.7	3418.8	3636.8	3848.2	4017.4	4112.2	4186.7	4258.1	4353.4	4399.0	4428.6
-10°	2832.3	3012.2	3119.9	3195.7	3241.8	3269.6	3297.2	3346.7	3347.5	3384.2	3362.8
-12.5°	2395.7	2469.8	2506.1	2516.0	2481.0	2576.3	2614.5	2566.5	2620.9	2611.1	2655.9
-15°	1938.2	1952.9	1923.0	1962.6	2029.7	2052.3	2026.3	2087.0	2104.1	2136.8	2142.6
-17.5°	1510.2	1485.0	1551.3	1592.9	1614.8	1622.6	1667.9	1682.6	1716.6	1736.0	1755.3
-20°	1176.8	1225.8	1259.6	1266.7	1280.6	1318.2	1335.4	1355.9	1369.6	1391.8	1410.6



REPORT NUMBER: P558590 (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°	979.7	999.2	997.0	1004.9	1037.5	1048.5	1058.4	1084.3	1078.4	1101.9	1106.0
-25°	803.4	795.4	800.2	826.2	832.0	825.3	852.3	855.4	866.5	867.8	876.1
-27.5°	653.4	647.9	666.0	673.9	665.5	678.6	688.2	683.9	697.9	689.6	701.5
-30°	535.3	550.9	558.4	551.7	555.3	562.5	559.2	564.8	567.5	563.3	571.3
-32.5°	467.8	470.8	468.6	464.8	470.6	471.3	464.6	472.7	469.4	470.6	473.8
-35°	408.1	406.8	396.5	402.8	404.0	400.0	401.1	402.9	397.0	401.6	401.2
-37.5°	357.1	352.6	350.7	352.2	351.2	346.9	350.4	349.5	346.8	349.9	348.5
-40°	315.7	309.3	312.8	312.3	308.9	308.4	310.2	307.9	308.3	310.1	308.7
-42.5°	280.8	280.2	280.8	279.6	276.0	278.3	278.6	275.7	278.6	279.9	279.2
-45°	252.4	254.4	254.0	252.0	251.6	253.7	253.5	252.7	255.0	256.1	256.4
-47.5°	230.7	231.7	231.2	228.3	230.7	232.7	232.7	233.7	235.8	236.6	237.2
-50°	210.7	211.6	210.9	210.2	212.8	214.4	214.9	217.2	219.1	220.2	221.2
-52.5°	192.3	193.4	192.6	193.9	196.6	198.2	199.0	201.8	204.0	205.4	206.8
-55°	175.8	176.7	176.4	179.4	181.9	183.6	185.3	188.0	190.2	191.7	193.3
-57.5°	159.6	160.8	161.8	165.1	167.8	169.8	172.2	174.7	176.8	178.6	180.3
-60°	144.0	145.1	147.2	150.5	153.3	155.6	158.3	160.9	163.0	164.9	166.5
-62.5°	128.9	130.3	133.0	136.0	138.5	140.6	143.6	146.3	148.5	150.4	152.0
-65°	114.1	115.4	118.7	121.8	124.4	126.6	129.2	131.5	133.6	135.5	137.0
-67.5°	99.7	101.3	104.3	107.0	109.5	111.8	114.3	116.4	118.3	120.0	121.4
-70°	86.3	87.8	90.2	92.6	94.8	96.9	98.9	100.8	102.4	104.0	105.5
-72.5°	73.3	74.8	76.7	78.5	80.1	81.9	83.6	85.1	86.4	87.7	88.8
-75°	60.1	61.6	63.1	64.5	65.7	67.0	68.3	69.5	70.5	71.4	72.1
-77.5°	47.1	48.4	49.6	50.7	51.7	52.5	53.3	53.9	54.3	55.0	55.6
-80°	34.8	35.9	37.0	37.9	38.7	39.2	39.7	40.0	40.3	40.6	40.7
-82.5°	23.9	24.7	25.5	26.3	27.0	27.4	27.7	27.9	28.0	28.2	28.4
-85°	14.7	15.0	15.3	15.5	15.8	16.0	16.2	16.4	16.6	16.5	16.5
-87.5°	6.9	6.8	6.6	6.5	6.3	6.3	6.2	6.2	6.2	6.1	6.1
-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: P558590 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-927-U-NAT-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°	6.0	5.9	6.1	6.4	6.1	5.9	6.0	6.1	6.1	6.2	6.2
85°	16.4	16.2	16.5	16.8	16.5	16.2	16.4	16.5	16.5	16.6	16.4
82.5°	28.5	28.6	28.7	28.7	28.7	28.6	28.5	28.4	28.2	28.0	27.9
80°	40.8	40.8	40.7	40.5	40.7	40.8	40.8	40.7	40.6	40.3	40.0
77.5°	56.1	56.5	56.7	56.8	56.7	56.5	56.1	55.6	55.0	54.3	53.9
75°	72.5	72.7	72.8	72.7	72.8	72.7	72.5	72.1	71.4	70.5	69.5
72.5°	89.7	90.4	90.5	90.4	90.5	90.4	89.7	88.8	87.7	86.4	85.1
70°	106.7	107.6	107.6	107.2	107.6	107.6	106.7	105.5	104.0	102.4	100.8
67.5°	122.6	123.4	124.1	124.5	124.1	123.4	122.6	121.4	120.0	118.3	116.4
65°	138.3	139.2	139.7	139.9	139.7	139.2	138.3	137.0	135.5	133.6	131.5
62.5°	153.2	154.0	154.5	154.7	154.5	154.0	153.2	152.0	150.4	148.5	146.3
60°	167.8	168.8	168.9	168.5	168.9	168.8	167.8	166.5	164.9	163.0	160.9
57.5°	181.7	182.6	182.6	181.9	182.6	182.6	181.7	180.3	178.6	176.8	174.7
55°	194.4	195.1	195.3	195.2	195.3	195.1	194.4	193.3	191.7	190.2	188.0
52.5°	207.9	208.4	208.7	208.6	208.7	208.4	207.9	206.8	205.4	204.0	201.8
50°	222.0	222.0	222.0	221.9	222.0	222.0	222.0	221.2	220.2	219.1	217.2
47.5°	238.0	238.2	238.2	238.2	238.2	238.2	238.0	237.2	236.6	235.8	233.7
45°	257.0	256.5	256.0	256.0	256.0	256.5	257.0	256.4	256.1	255.0	252.7
42.5°	279.8	279.2	278.5	278.7	278.5	279.2	279.8	279.2	279.9	278.6	275.7
40°	309.9	309.8	308.8	308.4	308.8	309.8	309.9	308.7	310.1	308.3	307.9
37.5°	348.7	348.2	345.9	345.0	345.9	348.2	348.7	348.5	349.9	346.8	349.5
35°	399.8	399.1	395.6	395.9	395.6	399.1	399.8	401.2	401.6	397.0	402.9
32.5°	472.2	472.5	467.2	466.0	467.2	472.5	472.2	473.8	470.6	469.4	472.7
30°	566.4	568.4	562.3	564.9	562.3	568.4	566.4	571.3	563.3	567.5	564.8
27.5°	701.3	705.2	699.8	695.4	699.8	705.2	701.3	701.5	689.6	697.9	683.9
25°	887.0	889.9	883.6	878.2	883.6	889.9	887.0	876.1	867.8	866.5	855.4
22.5°	1128.6	1128.4	1128.2	1136.7	1128.2	1128.4	1128.6	1106.0	1101.9	1078.4	1084.3
20°	1422.8	1415.7	1426.4	1433.2	1426.4	1415.7	1422.8	1410.6	1391.8	1369.6	1355.9
17.5°	1759.7	1773.1	1783.3	1800.4	1783.3	1773.1	1759.7	1755.3	1736.0	1716.6	1682.6
15°	2157.1	2177.2	2187.5	2182.0	2187.5	2177.2	2157.1	2142.6	2136.8	2104.1	2087.0
12.5°	2657.4	2681.5	2663.7	2641.6	2663.7	2681.5	2657.4	2655.9	2611.1	2620.9	2566.5
10°	3363.1	3414.9	3417.8	3374.5	3417.8	3414.9	3363.1	3362.8	3384.2	3347.5	3346.7
7.5°	4445.9	4471.0	4509.3	4511.2	4509.3	4471.0	4445.9	4428.6	4399.0	4353.4	4258.1
5°	5556.3	5623.4	5666.6	5741.3	5666.6	5623.4	5556.3	5508.7	5403.9	5286.4	5185.8
2.5°	6313.5	6400.2	6433.6	6518.3	6433.6	6400.2	6313.5	6219.9	6075.0	5903.3	5717.7
0°	6589.4	6659.6	6701.6	6735.2	6701.6	6659.6	6589.4	6479.7	6356.7	6174.3	5972.1
-2.5°	6313.5	6400.2	6433.6	6518.3	6433.6	6400.2	6313.5	6219.9	6075.0	5903.3	5717.7
-5°	5556.3	5623.4	5666.6	5741.3	5666.6	5623.4	5556.3	5508.7	5403.9	5286.4	5185.8
-7.5°	4445.9	4471.0	4509.3	4511.2	4509.3	4471.0	4445.9	4428.6	4399.0	4353.4	4258.1
-10°	3363.1	3414.9	3417.8	3374.5	3417.8	3414.9	3363.1	3362.8	3384.2	3347.5	3346.7
-12.5°	2657.4	2681.5	2663.7	2641.6	2663.7	2681.5	2657.4	2655.9	2611.1	2620.9	2566.5
-15°	2157.1	2177.2	2187.5	2182.0	2187.5	2177.2	2157.1	2142.6	2136.8	2104.1	2087.0
-17.5°	1759.7	1773.1	1783.3	1800.4	1783.3	1773.1	1759.7	1755.3	1736.0	1716.6	1682.6
-20°	1422.8	1415.7	1426.4	1433.2	1426.4	1415.7	1422.8	1410.6	1391.8	1369.6	1355.9



REPORT NUMBER: P558590 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1128.6	1128.4	1128.2	1136.7	1128.2	1128.4	1128.6	1106.0	1101.9	1078.4	1084.3
-25°	887.0	889.9	883.6	878.2	883.6	889.9	887.0	876.1	867.8	866.5	855.4
-27.5°	701.3	705.2	699.8	695.4	699.8	705.2	701.3	701.5	689.6	697.9	683.9
-30°	566.4	568.4	562.3	564.9	562.3	568.4	566.4	571.3	563.3	567.5	564.8
-32.5°	472.2	472.5	467.2	466.0	467.2	472.5	472.2	473.8	470.6	469.4	472.7
-35°	399.8	399.1	395.6	395.9	395.6	399.1	399.8	401.2	401.6	397.0	402.9
-37.5°	348.7	348.2	345.9	345.0	345.9	348.2	348.7	348.5	349.9	346.8	349.5
-40°	309.9	309.8	308.8	308.4	308.8	309.8	309.9	308.7	310.1	308.3	307.9
-42.5°	279.8	279.2	278.5	278.7	278.5	279.2	279.8	279.2	279.9	278.6	275.7
-45°	257.0	256.5	256.0	256.0	256.0	256.5	257.0	256.4	256.1	255.0	252.7
-47.5°	238.0	238.2	238.2	238.2	238.2	238.2	238.0	237.2	236.6	235.8	233.7
-50°	222.0	222.0	222.0	221.9	222.0	222.0	222.0	221.2	220.2	219.1	217.2
-52.5°	207.9	208.4	208.7	208.6	208.7	208.4	207.9	206.8	205.4	204.0	201.8
-55°	194.4	195.1	195.3	195.2	195.3	195.1	194.4	193.3	191.7	190.2	188.0
-57.5°	181.7	182.6	182.6	181.9	182.6	182.6	181.7	180.3	178.6	176.8	174.7
-60°	167.8	168.8	168.9	168.5	168.9	168.8	167.8	166.5	164.9	163.0	160.9
-62.5°	153.2	154.0	154.5	154.7	154.5	154.0	153.2	152.0	150.4	148.5	146.3
-65°	138.3	139.2	139.7	139.9	139.7	139.2	138.3	137.0	135.5	133.6	131.5
-67.5°	122.6	123.4	124.1	124.5	124.1	123.4	122.6	121.4	120.0	118.3	116.4
-70°	106.7	107.6	107.6	107.2	107.6	107.6	106.7	105.5	104.0	102.4	100.8
-72.5°	89.7	90.4	90.5	90.4	90.5	90.4	89.7	88.8	87.7	86.4	85.1
-75°	72.5	72.7	72.8	72.7	72.8	72.7	72.5	72.1	71.4	70.5	69.5
-77.5°	56.1	56.5	56.7	56.8	56.7	56.5	56.1	55.6	55.0	54.3	53.9
-80°	40.8	40.8	40.7	40.5	40.7	40.8	40.8	40.7	40.6	40.3	40.0
-82.5°	28.5	28.6	28.7	28.7	28.7	28.6	28.5	28.4	28.2	28.0	27.9
-85°	16.4	16.2	16.5	16.8	16.5	16.2	16.4	16.5	16.5	16.6	16.4
-87.5°	6.0	5.9	6.1	6.4	6.1	5.9	6.0	6.1	6.1	6.2	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: P558590 (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°	6.2	6.3	6.3	6.5	6.6	6.8	6.9	6.7	6.4	6.2	5.9
85°	16.2	16.0	15.8	15.5	15.3	15.0	14.7	14.5	14.2	13.8	13.3
82.5°	27.7	27.4	27.0	26.3	25.5	24.7	23.9	23.5	23.1	22.5	21.9
80°	39.7	39.2	38.7	37.9	37.0	35.9	34.8	33.9	32.8	31.9	31.1
77.5°	53.3	52.5	51.7	50.7	49.6	48.4	47.1	45.9	44.6	43.2	41.9
75°	68.3	67.0	65.7	64.5	63.1	61.6	60.1	58.7	57.1	55.2	53.7
72.5°	83.6	81.9	80.1	78.5	76.7	74.8	73.3	71.9	70.1	67.9	66.4
70°	98.9	96.9	94.8	92.6	90.2	87.8	86.3	85.0	83.4	81.1	79.8
67.5°	114.3	111.8	109.5	107.0	104.3	101.3	99.7	98.1	96.2	93.9	93.3
65°	129.2	126.6	124.4	121.8	118.7	115.4	114.1	112.3	109.9	107.5	107.1
62.5°	143.6	140.6	138.5	136.0	133.0	130.3	128.9	126.9	124.2	122.4	122.1
60°	158.3	155.6	153.3	150.5	147.2	145.1	144.0	141.9	138.9	138.1	137.8
57.5°	172.2	169.8	167.8	165.1	161.8	160.8	159.6	157.4	154.3	154.7	154.0
55°	185.3	183.6	181.9	179.4	176.4	176.7	175.8	173.6	171.7	172.3	171.4
52.5°	199.0	198.2	196.6	193.9	192.6	193.4	192.3	190.2	190.6	191.2	189.8
50°	214.9	214.4	212.8	210.2	210.9	211.6	210.7	208.0	210.6	211.2	209.3
47.5°	232.7	232.7	230.7	228.3	231.2	231.7	230.7	230.9	233.0	232.4	230.1
45°	253.5	253.7	251.6	252.0	254.0	254.4	252.4	256.2	257.6	256.3	252.1
42.5°	278.6	278.3	276.0	279.6	280.8	280.2	280.8	284.8	284.9	282.0	282.2
40°	310.2	308.4	308.9	312.3	312.8	309.3	315.7	317.2	315.8	310.5	318.0
37.5°	350.4	346.9	351.2	352.2	350.7	352.6	357.1	356.2	350.2	355.4	360.1
35°	401.1	400.0	404.0	402.8	396.5	406.8	408.1	401.7	399.5	409.1	408.6
32.5°	464.6	471.3	470.6	464.8	468.6	470.8	467.8	457.0	470.8	474.5	466.0
30°	559.2	562.5	555.3	551.7	558.4	550.9	535.3	551.1	557.1	549.6	530.9
27.5°	688.2	678.6	665.5	673.9	666.0	647.9	653.4	661.4	654.4	636.4	615.1
25°	852.3	825.3	832.0	826.2	800.2	795.4	803.4	794.4	769.2	742.2	771.9
22.5°	1058.4	1048.5	1037.5	1004.9	997.0	999.2	979.7	943.3	921.2	949.5	950.4
20°	1335.4	1318.2	1280.6	1266.7	1259.6	1225.8	1176.8	1171.8	1195.0	1183.1	1147.2
17.5°	1667.9	1622.6	1614.8	1592.9	1551.3	1485.0	1510.2	1518.8	1496.7	1434.9	1359.6
15°	2026.3	2052.3	2029.7	1962.6	1923.0	1952.9	1938.2	1889.9	1822.8	1709.7	1581.5
12.5°	2614.5	2576.3	2481.0	2516.0	2506.1	2469.8	2395.7	2289.3	2150.1	1966.9	1782.2
10°	3297.2	3269.6	3241.8	3195.7	3119.9	3012.2	2832.3	2632.4	2424.4	2208.3	1984.0
7.5°	4186.7	4112.2	4017.4	3848.2	3636.8	3418.8	3190.7	2952.2	2698.1	2446.0	2183.9
5°	4996.0	4777.1	4553.8	4321.7	4065.4	3804.6	3541.4	3266.5	2967.1	2676.8	2377.8
2.5°	5506.2	5278.4	5032.2	4764.1	4434.1	4101.1	3768.2	3435.3	3078.9	2743.2	2407.6
0°	5732.9	5467.6	5163.6	4861.6	4532.5	4185.1	3812.4	3470.9	3106.2	2764.7	2424.6
-2.5°	5506.2	5278.4	5032.2	4764.1	4434.1	4101.1	3768.2	3435.3	3078.9	2743.2	2407.6
-5°	4996.0	4777.1	4553.8	4321.7	4065.4	3804.6	3541.4	3266.5	2967.1	2676.8	2377.8
-7.5°	4186.7	4112.2	4017.4	3848.2	3636.8	3418.8	3190.7	2952.2	2698.1	2446.0	2183.9
-10°	3297.2	3269.6	3241.8	3195.7	3119.9	3012.2	2832.3	2632.4	2424.4	2208.3	1984.0
-12.5°	2614.5	2576.3	2481.0	2516.0	2506.1	2469.8	2395.7	2289.3	2150.1	1966.9	1782.2
-15°	2026.3	2052.3	2029.7	1962.6	1923.0	1952.9	1938.2	1889.9	1822.8	1709.7	1581.5
-17.5°	1667.9	1622.6	1614.8	1592.9	1551.3	1485.0	1510.2	1518.8	1496.7	1434.9	1359.6
-20°	1335.4	1318.2	1280.6	1266.7	1259.6	1225.8	1176.8	1171.8	1195.0	1183.1	1147.2



REPORT NUMBER: P558590 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1058.4	1048.5	1037.5	1004.9	997.0	999.2	979.7	943.3	921.2	949.5	950.4
-25°	852.3	825.3	832.0	826.2	800.2	795.4	803.4	794.4	769.2	742.2	771.9
-27.5°	688.2	678.6	665.5	673.9	666.0	647.9	653.4	661.4	654.4	636.4	615.1
-30°	559.2	562.5	555.3	551.7	558.4	550.9	535.3	551.1	557.1	549.6	530.9
-32.5°	464.6	471.3	470.6	464.8	468.6	470.8	467.8	457.0	470.8	474.5	466.0
-35°	401.1	400.0	404.0	402.8	396.5	406.8	408.1	401.7	399.5	409.1	408.6
-37.5°	350.4	346.9	351.2	352.2	350.7	352.6	357.1	356.2	350.2	355.4	360.1
-40°	310.2	308.4	308.9	312.3	312.8	309.3	315.7	317.2	315.8	310.5	318.0
-42.5°	278.6	278.3	276.0	279.6	280.8	280.2	280.8	284.8	284.9	282.0	282.2
-45°	253.5	253.7	251.6	252.0	254.0	254.4	252.4	256.2	257.6	256.3	252.1
-47.5°	232.7	232.7	230.7	228.3	231.2	231.7	230.7	230.9	233.0	232.4	230.1
-50°	214.9	214.4	212.8	210.2	210.9	211.6	210.7	208.0	210.6	211.2	209.3
-52.5°	199.0	198.2	196.6	193.9	192.6	193.4	192.3	190.2	190.6	191.2	189.8
-55°	185.3	183.6	181.9	179.4	176.4	176.7	175.8	173.6	171.7	172.3	171.4
-57.5°	172.2	169.8	167.8	165.1	161.8	160.8	159.6	157.4	154.3	154.7	154.0
-60°	158.3	155.6	153.3	150.5	147.2	145.1	144.0	141.9	138.9	138.1	137.8
-62.5°	143.6	140.6	138.5	136.0	133.0	130.3	128.9	126.9	124.2	122.4	122.1
-65°	129.2	126.6	124.4	121.8	118.7	115.4	114.1	112.3	109.9	107.5	107.1
-67.5°	114.3	111.8	109.5	107.0	104.3	101.3	99.7	98.1	96.2	93.9	93.3
-70°	98.9	96.9	94.8	92.6	90.2	87.8	86.3	85.0	83.4	81.1	79.8
-72.5°	83.6	81.9	80.1	78.5	76.7	74.8	73.3	71.9	70.1	67.9	66.4
-75°	68.3	67.0	65.7	64.5	63.1	61.6	60.1	58.7	57.1	55.2	53.7
-77.5°	53.3	52.5	51.7	50.7	49.6	48.4	47.1	45.9	44.6	43.2	41.9
-80°	39.7	39.2	38.7	37.9	37.0	35.9	34.8	33.9	32.8	31.9	31.1
-82.5°	27.7	27.4	27.0	26.3	25.5	24.7	23.9	23.5	23.1	22.5	21.9
-85°	16.2	16.0	15.8	15.5	15.3	15.0	14.7	14.5	14.2	13.8	13.3
-87.5°	6.2	6.3	6.3	6.5	6.6	6.8	6.9	6.7	6.4	6.2	5.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558590 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-927-U-NAT-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°	5.8	5.6	5.3	5.1	4.8	4.6	4.3	4.0	3.7	3.4	3.1
85°	12.9	12.3	11.7	10.9	10.1	9.1	8.6	7.9	7.4	6.8	6.1
82.5°	21.3	20.6	19.8	18.9	18.1	17.1	15.7	14.1	12.3	10.4	9.1
80°	30.8	30.2	29.2	27.9	26.5	25.0	23.5	21.7	19.4	16.8	14.1
77.5°	41.4	40.5	39.3	37.8	36.1	34.2	31.9	29.3	26.4	23.3	19.9
75°	52.9	51.8	50.4	48.5	46.1	43.3	40.6	37.5	34.0	29.8	25.7
72.5°	65.4	64.0	62.0	59.4	56.6	53.3	49.6	45.7	41.8	37.1	31.7
70°	78.4	76.5	74.2	71.5	67.8	63.4	59.1	54.7	49.6	44.4	38.4
67.5°	91.9	89.7	86.9	83.8	80.0	75.0	68.9	64.0	58.5	51.8	45.1
65°	105.9	103.4	99.9	96.9	92.5	87.1	80.5	74.0	67.5	60.2	51.8
62.5°	120.6	117.9	114.5	110.5	105.6	99.6	92.4	85.3	76.9	68.7	59.2
60°	136.2	133.2	129.8	125.5	119.5	112.4	105.0	96.8	87.6	77.2	67.0
57.5°	152.2	149.0	146.1	141.2	134.4	126.1	118.1	109.2	98.3	86.7	74.8
55°	168.9	165.9	163.3	157.9	150.1	140.7	132.4	122.2	109.4	96.5	82.5
52.5°	186.7	184.6	181.4	175.5	166.9	156.8	148.6	135.7	122.0	106.3	91.2
50°	205.5	205.4	201.3	194.2	184.3	176.0	165.6	151.6	134.8	116.6	100.0
47.5°	228.6	228.3	223.5	214.2	202.9	196.6	184.9	168.4	147.8	128.4	108.9
45°	254.9	253.1	247.2	236.8	226.8	220.0	205.7	185.8	163.6	140.4	117.8
42.5°	284.1	281.0	272.8	260.6	256.6	245.9	227.7	205.6	179.9	152.5	127.7
40°	318.3	311.6	300.3	294.2	290.0	273.9	253.0	226.4	196.4	165.3	138.1
37.5°	356.1	346.4	331.3	335.9	327.1	307.3	280.1	247.9	213.7	179.9	148.4
35°	400.4	385.1	385.4	384.7	369.7	342.9	308.6	271.3	232.9	194.5	158.5
32.5°	448.8	444.8	451.6	440.6	416.2	380.8	340.5	296.9	252.4	208.9	168.5
30°	517.5	533.9	526.7	502.0	467.7	424.2	374.7	323.2	272.0	223.2	178.8
27.5°	636.0	635.4	611.2	573.0	525.4	470.3	409.4	349.9	291.7	238.1	190.4
25°	769.7	750.5	708.9	651.0	586.6	516.4	444.6	377.0	313.1	254.2	201.7
22.5°	922.4	876.0	814.8	734.2	647.1	563.8	482.1	406.6	335.3	270.0	212.6
20°	1087.6	1009.7	925.7	815.7	712.4	615.5	521.8	436.0	357.2	285.4	223.0
17.5°	1264.5	1147.8	1031.2	904.0	780.9	667.5	561.4	464.9	378.5	300.3	233.0
15°	1435.9	1285.8	1139.9	992.9	849.8	719.5	600.5	493.1	399.2	314.5	240.8
12.5°	1604.9	1425.8	1250.1	1081.4	918.0	770.7	638.8	520.3	419.1	324.7	245.9
10°	1773.5	1565.6	1360.3	1168.3	984.9	820.6	675.6	541.5	428.4	331.2	250.1
7.5°	1939.6	1703.4	1468.5	1252.6	1042.5	853.2	691.4	551.1	434.6	336.5	253.4
5°	2075.1	1793.3	1517.8	1277.6	1058.7	866.2	701.1	558.5	438.8	340.5	255.9
2.5°	2093.4	1808.0	1525.1	1287.4	1069.5	875.0	707.5	563.7	441.2	343.2	257.4
0°	2100.4	1812.8	1524.2	1290.4	1074.9	879.7	710.7	566.4	441.8	344.5	258.0
-2.5°	2093.4	1808.0	1525.1	1287.4	1069.5	875.0	707.5	563.7	441.2	343.2	257.4
-5°	2075.1	1793.3	1517.8	1277.6	1058.7	866.2	701.1	558.5	438.8	340.5	255.9
-7.5°	1939.6	1703.4	1468.5	1252.6	1042.5	853.2	691.4	551.1	434.6	336.5	253.4
-10°	1773.5	1565.6	1360.3	1168.3	984.9	820.6	675.6	541.5	428.4	331.2	250.1
-12.5°	1604.9	1425.8	1250.1	1081.4	918.0	770.7	638.8	520.3	419.1	324.7	245.9
-15°	1435.9	1285.8	1139.9	992.9	849.8	719.5	600.5	493.1	399.2	314.5	240.8
-17.5°	1264.5	1147.8	1031.2	904.0	780.9	667.5	561.4	464.9	378.5	300.3	233.0
-20°	1087.6	1009.7	925.7	815.7	712.4	615.5	521.8	436.0	357.2	285.4	223.0



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	922.4	876.0	814.8	734.2	647.1	563.8	482.1	406.6	335.3	270.0	212.6
-25°	769.7	750.5	708.9	651.0	586.6	516.4	444.6	377.0	313.1	254.2	201.7
-27.5°	636.0	635.4	611.2	573.0	525.4	470.3	409.4	349.9	291.7	238.1	190.4
-30°	517.5	533.9	526.7	502.0	467.7	424.2	374.7	323.2	272.0	223.2	178.8
-32.5°	448.8	444.8	451.6	440.6	416.2	380.8	340.5	296.9	252.4	208.9	168.5
-35°	400.4	385.1	385.4	384.7	369.7	342.9	308.6	271.3	232.9	194.5	158.5
-37.5°	356.1	346.4	331.3	335.9	327.1	307.3	280.1	247.9	213.7	179.9	148.4
-40°	318.3	311.6	300.3	294.2	290.0	273.9	253.0	226.4	196.4	165.3	138.1
-42.5°	284.1	281.0	272.8	260.6	256.6	245.9	227.7	205.6	179.9	152.5	127.7
-45°	254.9	253.1	247.2	236.8	226.8	220.0	205.7	185.8	163.6	140.4	117.8
-47.5°	228.6	228.3	223.5	214.2	202.9	196.6	184.9	168.4	147.8	128.4	108.9
-50°	205.5	205.4	201.3	194.2	184.3	176.0	165.6	151.6	134.8	116.6	100.0
-52.5°	186.7	184.6	181.4	175.5	166.9	156.8	148.6	135.7	122.0	106.3	91.2
-55°	168.9	165.9	163.3	157.9	150.1	140.7	132.4	122.2	109.4	96.5	82.5
-57.5°	152.2	149.0	146.1	141.2	134.4	126.1	118.1	109.2	98.3	86.7	74.8
-60°	136.2	133.2	129.8	125.5	119.5	112.4	105.0	96.8	87.6	77.2	67.0
-62.5°	120.6	117.9	114.5	110.5	105.6	99.6	92.4	85.3	76.9	68.7	59.2
-65°	105.9	103.4	99.9	96.9	92.5	87.1	80.5	74.0	67.5	60.2	51.8
-67.5°	91.9	89.7	86.9	83.8	80.0	75.0	68.9	64.0	58.5	51.8	45.1
-70°	78.4	76.5	74.2	71.5	67.8	63.4	59.1	54.7	49.6	44.4	38.4
-72.5°	65.4	64.0	62.0	59.4	56.6	53.3	49.6	45.7	41.8	37.1	31.7
-75°	52.9	51.8	50.4	48.5	46.1	43.3	40.6	37.5	34.0	29.8	25.7
-77.5°	41.4	40.5	39.3	37.8	36.1	34.2	31.9	29.3	26.4	23.3	19.9
-80°	30.8	30.2	29.2	27.9	26.5	25.0	23.5	21.7	19.4	16.8	14.1
-82.5°	21.3	20.6	19.8	18.9	18.1	17.1	15.7	14.1	12.3	10.4	9.1
-85°	12.9	12.3	11.7	10.9	10.1	9.1	8.6	7.9	7.4	6.8	6.1
-87.5°	5.8	5.6	5.3	5.1	4.8	4.6	4.3	4.0	3.7	3.4	3.1
-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°	2.7	2.4	2.0	1.6	1.1	0.6	0.0
85°	5.4	4.8	4.0	3.2	2.2	1.1	0.0
82.5°	8.1	7.1	6.0	4.8	3.3	1.7	0.0
80°	11.1	9.5	8.0	6.4	4.4	2.2	0.0
77.5°	16.3	12.6	10.0	7.9	5.5	2.8	0.0
75°	21.4	17.1	12.3	9.5	6.6	3.3	0.0
72.5°	26.6	21.6	16.0	11.1	7.7	3.8	0.0
70°	31.8	26.0	19.7	12.8	8.7	4.4	0.0
67.5°	37.9	30.4	23.3	15.6	9.8	4.9	0.0
65°	43.9	35.1	26.9	18.4	10.8	5.4	0.0
62.5°	49.8	40.3	30.4	21.1	11.8	5.9	0.0
60°	55.8	45.4	33.9	23.8	12.8	6.4	0.0
57.5°	62.5	50.4	38.0	26.4	14.5	6.9	0.0
55°	69.2	55.4	42.1	29.0	16.2	7.3	0.0
52.5°	75.9	60.4	46.1	31.5	17.9	7.8	0.0
50°	82.4	65.9	50.0	34.0	19.5	8.2	0.0
47.5°	89.0	71.3	53.8	36.5	21.1	8.6	0.0
45°	96.7	76.6	57.6	39.3	22.6	9.0	0.0
42.5°	104.4	81.8	61.3	42.0	24.1	9.4	0.0
40°	111.9	86.8	65.0	44.6	25.5	9.8	0.0
37.5°	119.4	91.6	68.9	46.9	26.8	10.2	0.0
35°	126.7	97.1	72.5	49.2	28.1	10.5	0.0
32.5°	134.2	102.9	76.1	51.2	29.3	10.8	0.0
30°	142.3	108.5	79.5	53.2	30.4	11.1	0.0
27.5°	150.0	113.9	82.3	54.9	31.4	11.4	0.0
25°	157.5	119.0	84.8	56.5	32.4	11.6	0.0
22.5°	164.6	123.6	87.2	58.0	33.3	11.8	0.0
20°	171.4	127.1	89.4	59.3	34.1	12.0	0.0
17.5°	176.5	130.2	91.4	60.4	34.9	12.2	0.0
15°	180.3	132.8	93.2	61.4	35.5	12.4	0.0
12.5°	183.6	135.1	94.7	62.2	36.1	12.5	0.0
10°	186.3	136.9	96.0	62.8	36.6	12.6	0.0
7.5°	188.4	138.2	97.1	63.3	37.0	12.7	0.0
5°	190.0	139.2	97.9	63.6	37.3	12.8	0.0
2.5°	190.9	139.8	98.5	63.8	37.5	12.8	0.0
0°	191.3	139.9	98.8	63.8	37.6	12.8	0.0
-2.5°	190.9	139.8	98.5	63.8	37.5	12.8	0.0
-5°	190.0	139.2	97.9	63.6	37.3	12.8	0.0
-7.5°	188.4	138.2	97.1	63.3	37.0	12.7	0.0
-10°	186.3	136.9	96.0	62.8	36.6	12.6	0.0
-12.5°	183.6	135.1	94.7	62.2	36.1	12.5	0.0
-15°	180.3	132.8	93.2	61.4	35.5	12.4	0.0
-17.5°	176.5	130.2	91.4	60.4	34.9	12.2	0.0
-20°	171.4	127.1	89.4	59.3	34.1	12.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	164.6	123.6	87.2	58.0	33.3	11.8	0.0
-25°	157.5	119.0	84.8	56.5	32.4	11.6	0.0
-27.5°	150.0	113.9	82.3	54.9	31.4	11.4	0.0
-30°	142.3	108.5	79.5	53.2	30.4	11.1	0.0
-32.5°	134.2	102.9	76.1	51.2	29.3	10.8	0.0
-35°	126.7	97.1	72.5	49.2	28.1	10.5	0.0
-37.5°	119.4	91.6	68.9	46.9	26.8	10.2	0.0
-40°	111.9	86.8	65.0	44.6	25.5	9.8	0.0
-42.5°	104.4	81.8	61.3	42.0	24.1	9.4	0.0
-45°	96.7	76.6	57.6	39.3	22.6	9.0	0.0
-47.5°	89.0	71.3	53.8	36.5	21.1	8.6	0.0
-50°	82.4	65.9	50.0	34.0	19.5	8.2	0.0
-52.5°	75.9	60.4	46.1	31.5	17.9	7.8	0.0
-55°	69.2	55.4	42.1	29.0	16.2	7.3	0.0
-57.5°	62.5	50.4	38.0	26.4	14.5	6.9	0.0
-60°	55.8	45.4	33.9	23.8	12.8	6.4	0.0
-62.5°	49.8	40.3	30.4	21.1	11.8	5.9	0.0
-65°	43.9	35.1	26.9	18.4	10.8	5.4	0.0
-67.5°	37.9	30.4	23.3	15.6	9.8	4.9	0.0
-70°	31.8	26.0	19.7	12.8	8.7	4.4	0.0
-72.5°	26.6	21.6	16.0	11.1	7.7	3.8	0.0
-75°	21.4	17.1	12.3	9.5	6.6	3.3	0.0
-77.5°	16.3	12.6	10.0	7.9	5.5	2.8	0.0
-80°	11.1	9.5	8.0	6.4	4.4	2.2	0.0
-82.5°	8.1	7.1	6.0	4.8	3.3	1.7	0.0
-85°	5.4	4.8	4.0	3.2	2.2	1.1	0.0
-87.5°	2.7	2.4	2.0	1.6	1.1	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)