

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: P558723 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-927-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558723 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA2E-927-U-WR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (32) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

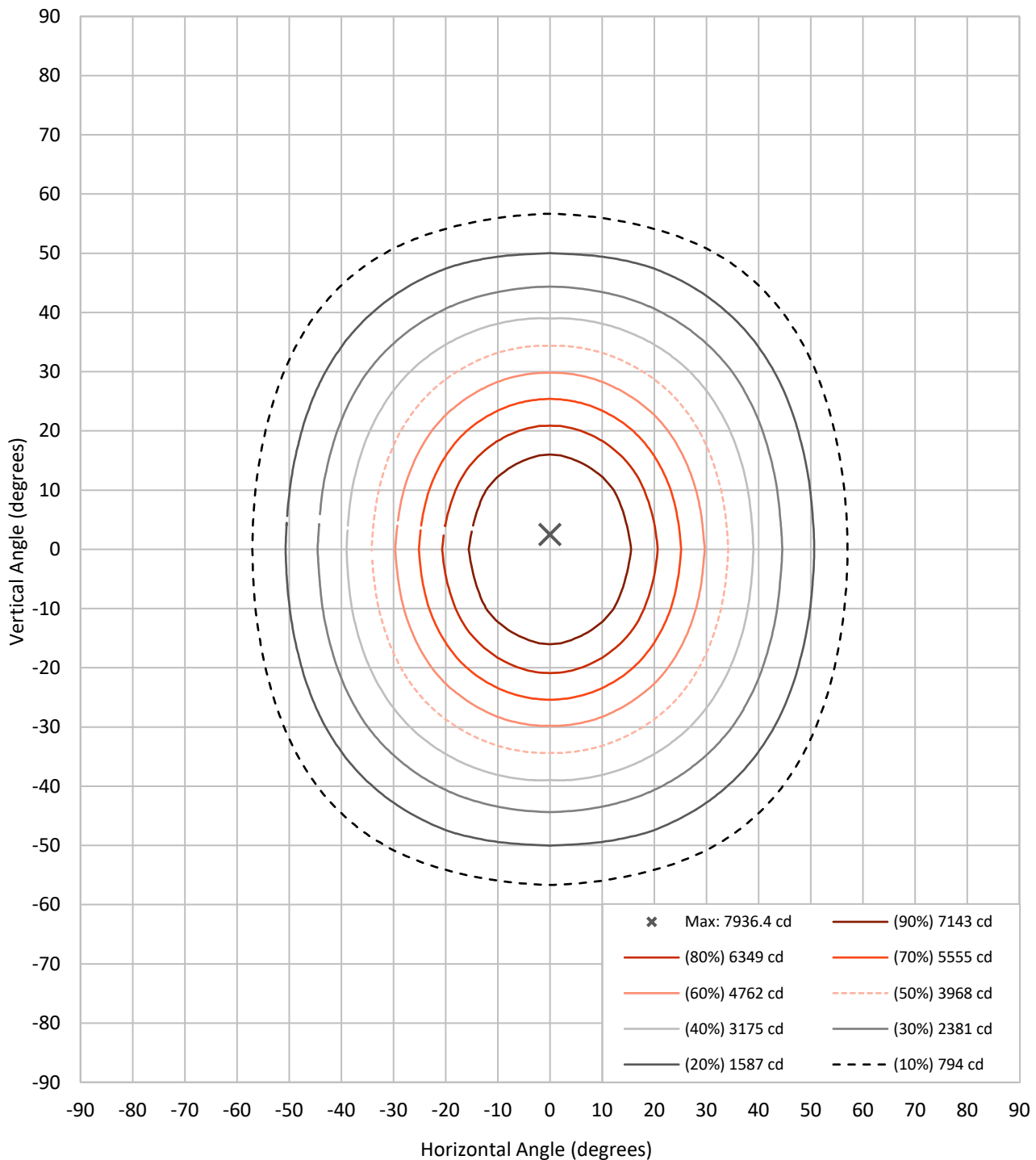
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	10741.2 lumens	Max Intensity:	7936.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	84.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	6440.1 lumens	Field Lumens:	10260.8 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

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



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Iso-Candela Plot





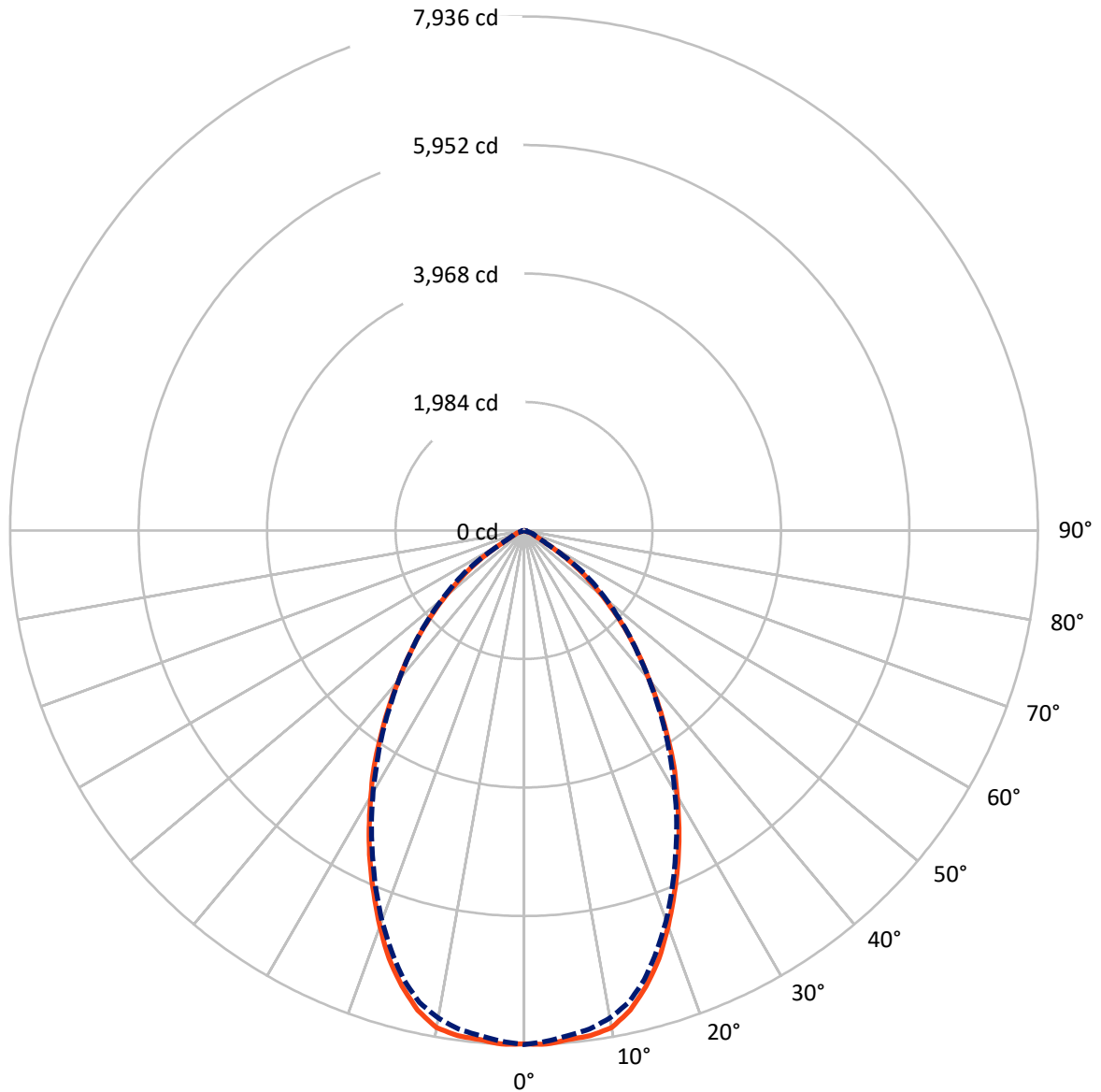
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Lumen Table

90	0.1	1.0	2.6	4.5	3.2	4.5	2.6	1.0	0.1										
80	0.1	1.0	2.6	4.5	3.2	4.5	2.6	1.0	0.1										
70																			
60	0.5	0.7	1.4	2.3	3.3	4.3	5.3	6.0	6.0	5.3	4.3	3.3	2.3	1.4	0.7	0.5			
50		1.2	2.4	4.3	8.3	16.1	24.2	29.0	29.0	24.2	16.1	8.3	4.3	2.4	1.2				
40	0.8	1.6	3.5	10.3	27.1	45.0	59.9	68.3	68.3	59.9	45.0	27.1	10.3	3.5	1.6	0.8			
30		1.9	6.0	23.7	48.6	75.9	100.6	115.3	115.3	100.6	75.9	48.6	23.7	6.0	1.9				
20	0.9	2.3	11.0	35.9	69.0	107.9	144.3	167.1	167.1	144.3	107.9	69.0	35.9	11.0	2.3	0.9			
10		2.7	15.7	44.6	85.0	134.9	183.7	214.6	214.6	183.7	134.9	85.0	44.6	15.7	2.7				
0	1.0	3.0	18.3	49.3	94.0	150.7	206.3	235.9	235.9	206.3	150.7	94.0	49.3	18.3	3.0	1.0			
-10		3.0	18.3	49.3	94.0	150.7	206.3	235.9	235.9	206.3	150.7	94.0	49.3	18.3	3.0				
-20	0.9	2.7	15.7	44.6	85.0	134.9	183.7	214.6	214.6	183.7	134.9	85.0	44.6	15.7	2.7	0.9			
-30		2.3	11.0	35.9	69.0	107.9	144.3	167.1	167.1	144.3	107.9	69.0	35.9	11.0	2.3				
-40	0.8	1.9	6.0	23.7	48.6	75.9	100.6	115.3	115.3	100.6	75.9	48.6	23.7	6.0	1.9	0.8			
-50		1.6	3.5	10.3	27.1	45.0	59.9	68.3	68.3	59.9	45.0	27.1	10.3	3.5	1.6				
-60	0.5	1.2	2.4	4.3	8.3	16.1	24.2	29.0	29.0	24.2	16.1	8.3	4.3	2.4	1.2	0.5			
-70		0.7	1.4	2.3	3.3	4.3	5.3	6.0	6.0	5.3	4.3	3.3	2.3	1.4	0.7				
-80	0.1	1.0	2.6	4.5	3.2	4.5	2.6	1.0	0.1										
-90	0.1	1.0	2.6	4.5	3.2	4.5	2.6	1.0	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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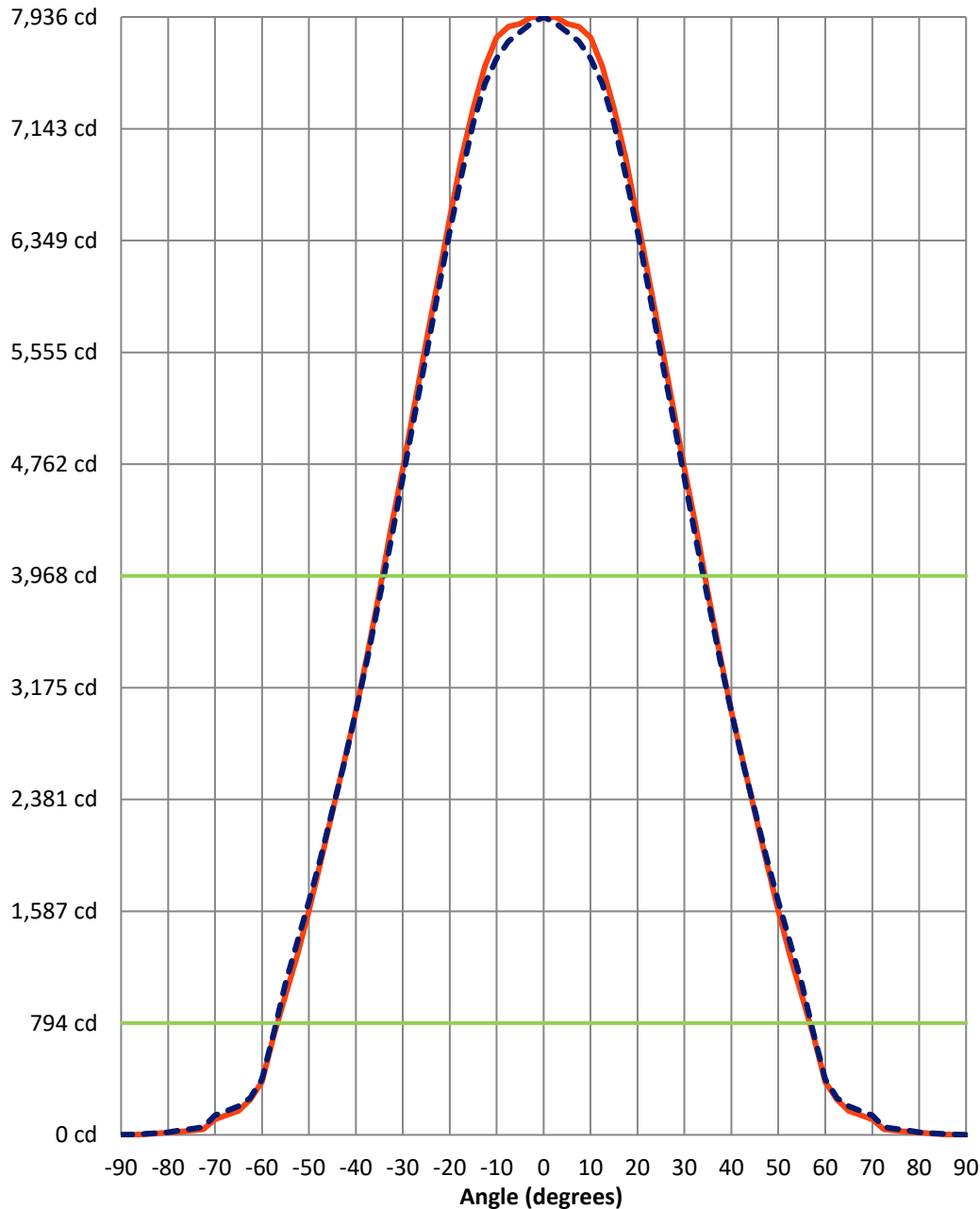
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 2.5-Deg

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Luminous Intensity Plot



Beam:
H Angle: 68°
V Angle: 68.7°
Lumens: 6440.1
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 10260.8
Efficiency: 95.5%

Spill:
Lumens: 480.5
Efficiency: 4.5%

- Vertical Distribution through 0-Deg
- - Horizontal Distribution through 2.5-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	0.3	0.4	0.5	0.7	0.8	0.9	1.1	1.2	1.3
85°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.1	2.4	2.6
82.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.3	4.5	5.8
80°	0.0	0.5	1.1	1.6	2.1	2.7	3.4	4.9	6.6	8.3	10.0
77.5°	0.0	0.7	1.3	2.0	2.7	3.7	5.6	7.7	9.8	12.0	15.0
75°	0.0	0.8	1.6	2.4	3.3	5.3	7.8	10.4	13.2	17.7	22.1
72.5°	0.0	0.9	1.9	2.8	4.3	6.8	10.0	13.7	18.9	24.1	29.1
70°	0.0	1.1	2.1	3.2	5.4	8.3	12.3	18.6	24.6	30.4	38.8
67.5°	0.0	1.2	2.4	3.8	6.3	9.7	16.0	23.5	30.1	38.9	48.7
65°	0.0	1.3	2.6	4.4	7.3	11.6	19.6	28.3	37.0	47.0	58.2
62.5°	0.0	1.4	2.9	5.0	8.1	13.9	22.8	33.5	43.5	55.0	67.2
60°	0.0	1.5	3.1	5.5	8.9	16.1	25.8	38.6	49.7	63.7	76.3
57.5°	0.0	1.7	3.4	5.9	10.2	18.0	28.8	43.3	57.3	72.3	83.9
55°	0.0	1.8	3.7	6.4	11.3	19.7	31.5	46.8	65.3	80.4	90.8
52.5°	0.0	1.9	4.0	6.8	12.3	21.2	33.8	52.2	73.1	86.7	97.7
50°	0.0	2.0	4.2	7.2	13.2	22.6	35.8	57.1	80.4	93.0	104.9
47.5°	0.0	2.1	4.5	7.5	13.9	23.7	37.6	61.4	86.0	99.2	111.7
45°	0.0	2.2	4.8	7.9	14.5	24.6	40.6	65.1	88.4	104.9	118.1
42.5°	0.0	2.3	5.0	8.2	14.9	25.1	43.1	67.1	90.0	110.1	125.1
40°	0.0	2.4	5.2	8.6	15.2	25.4	45.1	67.9	90.9	114.6	132.1
37.5°	0.0	2.5	5.4	9.0	15.3	25.4	46.6	68.1	91.9	116.5	138.8
35°	0.0	2.5	5.7	9.4	15.2	26.0	47.6	67.7	92.8	120.8	145.5
32.5°	0.0	2.6	5.8	9.8	15.0	26.7	47.9	66.8	93.7	126.2	152.2
30°	0.0	2.7	6.0	10.1	14.6	27.0	46.9	65.8	94.6	132.7	158.5
27.5°	0.0	2.7	6.2	10.5	15.0	27.0	45.7	66.0	97.0	140.1	164.5
25°	0.0	2.8	6.3	10.8	15.5	26.7	44.0	66.1	102.0	146.0	170.1
22.5°	0.0	2.9	6.5	11.0	15.9	26.7	42.0	65.9	107.3	150.5	177.3
20°	0.0	2.9	6.6	11.3	16.3	28.0	39.7	65.6	112.8	154.5	183.6
17.5°	0.0	3.0	6.7	11.5	16.7	29.1	39.2	65.0	118.3	158.2	189.2
15°	0.0	3.0	6.8	11.7	17.1	30.0	40.0	64.6	123.6	161.4	194.0
12.5°	0.0	3.0	6.9	11.8	17.4	30.8	40.7	64.2	128.4	164.2	197.9
10°	0.0	3.1	7.0	12.0	17.7	31.5	41.4	62.9	132.3	166.3	200.9
7.5°	0.0	3.1	7.0	12.1	17.9	32.0	41.9	60.9	135.5	168.0	202.6
5°	0.0	3.1	7.1	12.1	18.1	32.3	42.3	58.3	137.7	169.3	203.5
2.5°	0.0	3.1	7.1	12.2	18.3	32.5	42.6	55.3	138.9	170.1	203.6
0°	0.0	3.1	7.1	12.2	18.4	32.6	42.8	52.0	138.8	170.4	203.0
-2.5°	0.0	3.1	7.1	12.2	18.3	32.5	42.6	55.3	138.9	170.1	203.6
-5°	0.0	3.1	7.1	12.1	18.1	32.3	42.3	58.3	137.7	169.3	203.5
-7.5°	0.0	3.1	7.0	12.1	17.9	32.0	41.9	60.9	135.5	168.0	202.6
-10°	0.0	3.1	7.0	12.0	17.7	31.5	41.4	62.9	132.3	166.3	200.9
-12.5°	0.0	3.0	6.9	11.8	17.4	30.8	40.7	64.2	128.4	164.2	197.9
-15°	0.0	3.0	6.8	11.7	17.1	30.0	40.0	64.6	123.6	161.4	194.0
-17.5°	0.0	3.0	6.7	11.5	16.7	29.1	39.2	65.0	118.3	158.2	189.2
-20°	0.0	2.9	6.6	11.3	16.3	28.0	39.7	65.6	112.8	154.5	183.6



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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	2.9	6.5	11.0	15.9	26.7	42.0	65.9	107.3	150.5	177.3
-25°	0.0	2.8	6.3	10.8	15.5	26.7	44.0	66.1	102.0	146.0	170.1
-27.5°	0.0	2.7	6.2	10.5	15.0	27.0	45.7	66.0	97.0	140.1	164.5
-30°	0.0	2.7	6.0	10.1	14.6	27.0	46.9	65.8	94.6	132.7	158.5
-32.5°	0.0	2.6	5.8	9.8	15.0	26.7	47.9	66.8	93.7	126.2	152.2
-35°	0.0	2.5	5.7	9.4	15.2	26.0	47.6	67.7	92.8	120.8	145.5
-37.5°	0.0	2.5	5.4	9.0	15.3	25.4	46.6	68.1	91.9	116.5	138.8
-40°	0.0	2.4	5.2	8.6	15.2	25.4	45.1	67.9	90.9	114.6	132.1
-42.5°	0.0	2.3	5.0	8.2	14.9	25.1	43.1	67.1	90.0	110.1	125.1
-45°	0.0	2.2	4.8	7.9	14.5	24.6	40.6	65.1	88.4	104.9	118.1
-47.5°	0.0	2.1	4.5	7.5	13.9	23.7	37.6	61.4	86.0	99.2	111.7
-50°	0.0	2.0	4.2	7.2	13.2	22.6	35.8	57.1	80.4	93.0	104.9
-52.5°	0.0	1.9	4.0	6.8	12.3	21.2	33.8	52.2	73.1	86.7	97.7
-55°	0.0	1.8	3.7	6.4	11.3	19.7	31.5	46.8	65.3	80.4	90.8
-57.5°	0.0	1.7	3.4	5.9	10.2	18.0	28.8	43.3	57.3	72.3	83.9
-60°	0.0	1.5	3.1	5.5	8.9	16.1	25.8	38.6	49.7	63.7	76.3
-62.5°	0.0	1.4	2.9	5.0	8.1	13.9	22.8	33.5	43.5	55.0	67.2
-65°	0.0	1.3	2.6	4.4	7.3	11.6	19.6	28.3	37.0	47.0	58.2
-67.5°	0.0	1.2	2.4	3.8	6.3	9.7	16.0	23.5	30.1	38.9	48.7
-70°	0.0	1.1	2.1	3.2	5.4	8.3	12.3	18.6	24.6	30.4	38.8
-72.5°	0.0	0.9	1.9	2.8	4.3	6.8	10.0	13.7	18.9	24.1	29.1
-75°	0.0	0.8	1.6	2.4	3.3	5.3	7.8	10.4	13.2	17.7	22.1
-77.5°	0.0	0.7	1.3	2.0	2.7	3.7	5.6	7.7	9.8	12.0	15.0
-80°	0.0	0.5	1.1	1.6	2.1	2.7	3.4	4.9	6.6	8.3	10.0
-82.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.3	4.5	5.8
-85°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.1	2.4	2.6
-87.5°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	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	1.2	1.3	1.4	1.4	1.3	1.2	1.0
85°	2.6	2.6	2.9	3.1	3.4	3.6	3.7	3.7	4.2	4.8	5.4
82.5°	6.5	6.9	7.2	7.2	7.3	7.3	7.2	7.2	8.8	11.0	13.4
80°	10.9	11.3	13.0	14.9	15.9	15.8	15.0	13.4	15.8	19.8	24.6
77.5°	17.7	20.3	23.1	25.9	26.4	25.1	22.9	19.8	23.3	30.4	38.3
75°	25.8	29.3	33.3	36.3	36.3	34.1	31.3	30.7	36.6	45.1	52.2
72.5°	35.2	40.4	44.2	46.8	46.6	46.2	47.3	49.9	54.7	61.0	66.4
70°	46.6	51.8	54.6	56.0	56.5	59.3	63.6	66.7	70.2	76.4	82.0
67.5°	57.9	61.9	64.4	66.2	70.9	76.4	80.6	84.5	88.7	95.0	100.2
65°	68.0	72.1	75.6	80.9	87.9	93.0	98.0	103.2	110.7	117.7	122.0
62.5°	77.9	82.2	87.6	94.8	102.3	108.8	117.1	126.3	136.0	143.2	151.5
60°	85.5	91.6	99.3	107.9	116.8	127.5	138.1	148.9	158.8	168.4	180.6
57.5°	92.8	101.6	111.2	121.3	133.2	146.5	159.3	171.0	183.5	196.9	210.6
55°	100.7	112.3	123.0	135.0	149.5	166.4	180.6	194.5	209.5	232.1	251.8
52.5°	109.4	122.3	134.3	149.0	167.0	185.1	201.3	220.7	245.7	279.3	333.9
50°	117.7	131.5	145.5	164.5	184.0	203.0	226.5	253.6	303.6	366.3	476.1
47.5°	125.9	140.5	159.1	179.6	200.8	225.9	255.7	314.9	383.1	539.2	694.8
45°	134.0	151.3	172.0	195.2	220.5	252.0	313.9	386.9	572.4	752.0	939.1
42.5°	141.9	162.3	185.8	210.6	243.6	300.6	380.4	573.2	774.0	980.2	1159.9
40°	150.9	172.4	199.7	231.0	274.7	361.4	540.4	757.4	983.7	1178.6	1353.4
37.5°	159.4	184.8	214.4	250.9	329.5	474.1	704.7	945.4	1164.6	1355.1	1541.7
35°	167.2	196.9	232.1	286.9	383.2	621.5	871.5	1116.2	1325.8	1529.1	1733.3
32.5°	176.3	208.4	249.1	334.5	506.3	763.8	1029.8	1263.1	1482.5	1699.3	1932.5
30°	186.4	222.9	272.8	380.0	628.2	902.0	1165.6	1403.9	1631.3	1872.1	2121.9
27.5°	195.9	236.8	312.0	468.1	742.8	1031.1	1289.1	1534.3	1778.5	2034.9	2303.8
25°	204.5	250.0	348.8	564.7	853.5	1141.2	1402.8	1652.3	1915.9	2194.6	2477.6
22.5°	213.8	262.9	382.0	652.7	954.7	1239.3	1503.2	1767.7	2046.7	2342.1	2637.4
20°	223.9	290.4	436.6	734.0	1046.7	1328.4	1593.3	1874.9	2169.2	2475.1	2786.9
17.5°	233.1	314.7	501.9	811.0	1124.1	1405.9	1674.3	1972.0	2275.6	2595.4	2923.9
15°	241.3	335.7	559.3	879.2	1189.8	1471.6	1753.4	2058.3	2370.2	2703.4	3044.5
12.5°	248.6	353.5	608.8	938.1	1245.2	1527.9	1819.9	2131.0	2454.6	2797.7	3153.1
10°	254.7	368.0	649.8	987.4	1290.2	1574.3	1873.2	2191.5	2521.7	2873.6	3240.7
7.5°	258.7	380.0	682.3	1026.8	1325.0	1610.7	1913.5	2239.2	2570.8	2932.9	3307.0
5°	261.1	389.7	705.9	1055.9	1350.3	1638.1	1942.4	2273.5	2602.3	2974.5	3351.6
2.5°	262.3	396.4	720.2	1074.6	1366.2	1657.3	1966.4	2303.5	2635.4	3004.1	3386.1
0°	262.2	399.9	725.4	1082.5	1372.2	1666.0	1978.2	2319.0	2656.7	3016.8	3409.6
-2.5°	262.3	396.4	720.2	1074.6	1366.2	1657.3	1966.4	2303.5	2635.4	3004.1	3386.1
-5°	261.1	389.7	705.9	1055.9	1350.3	1638.1	1942.4	2273.5	2602.3	2974.5	3351.6
-7.5°	258.7	380.0	682.3	1026.8	1325.0	1610.7	1913.5	2239.2	2570.8	2932.9	3307.0
-10°	254.7	368.0	649.8	987.4	1290.2	1574.3	1873.2	2191.5	2521.7	2873.6	3240.7
-12.5°	248.6	353.5	608.8	938.1	1245.2	1527.9	1819.9	2131.0	2454.6	2797.7	3153.1
-15°	241.3	335.7	559.3	879.2	1189.8	1471.6	1753.4	2058.3	2370.2	2703.4	3044.5
-17.5°	233.1	314.7	501.9	811.0	1124.1	1405.9	1674.3	1972.0	2275.6	2595.4	2923.9
-20°	223.9	290.4	436.6	734.0	1046.7	1328.4	1593.3	1874.9	2169.2	2475.1	2786.9



REPORT NUMBER: P558723 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	213.8	262.9	382.0	652.7	954.7	1239.3	1503.2	1767.7	2046.7	2342.1	2637.4
-25°	204.5	250.0	348.8	564.7	853.5	1141.2	1402.8	1652.3	1915.9	2194.6	2477.6
-27.5°	195.9	236.8	312.0	468.1	742.8	1031.1	1289.1	1534.3	1778.5	2034.9	2303.8
-30°	186.4	222.9	272.8	380.0	628.2	902.0	1165.6	1403.9	1631.3	1872.1	2121.9
-32.5°	176.3	208.4	249.1	334.5	506.3	763.8	1029.8	1263.1	1482.5	1699.3	1932.5
-35°	167.2	196.9	232.1	286.9	383.2	621.5	871.5	1116.2	1325.8	1529.1	1733.3
-37.5°	159.4	184.8	214.4	250.9	329.5	474.1	704.7	945.4	1164.6	1355.1	1541.7
-40°	150.9	172.4	199.7	231.0	274.7	361.4	540.4	757.4	983.7	1178.6	1353.4
-42.5°	141.9	162.3	185.8	210.6	243.6	300.6	380.4	573.2	774.0	980.2	1159.9
-45°	134.0	151.3	172.0	195.2	220.5	252.0	313.9	386.9	572.4	752.0	939.1
-47.5°	125.9	140.5	159.1	179.6	200.8	225.9	255.7	314.9	383.1	539.2	694.8
-50°	117.7	131.5	145.5	164.5	184.0	203.0	226.5	253.6	303.6	366.3	476.1
-52.5°	109.4	122.3	134.3	149.0	167.0	185.1	201.3	220.7	245.7	279.3	333.9
-55°	100.7	112.3	123.0	135.0	149.5	166.4	180.6	194.5	209.5	232.1	251.8
-57.5°	92.8	101.6	111.2	121.3	133.2	146.5	159.3	171.0	183.5	196.9	210.6
-60°	85.5	91.6	99.3	107.9	116.8	127.5	138.1	148.9	158.8	168.4	180.6
-62.5°	77.9	82.2	87.6	94.8	102.3	108.8	117.1	126.3	136.0	143.2	151.5
-65°	68.0	72.1	75.6	80.9	87.9	93.0	98.0	103.2	110.7	117.7	122.0
-67.5°	57.9	61.9	64.4	66.2	70.9	76.4	80.6	84.5	88.7	95.0	100.2
-70°	46.6	51.8	54.6	56.0	56.5	59.3	63.6	66.7	70.2	76.4	82.0
-72.5°	35.2	40.4	44.2	46.8	46.6	46.2	47.3	49.9	54.7	61.0	66.4
-75°	25.8	29.3	33.3	36.3	36.3	34.1	31.3	30.7	36.6	45.1	52.2
-77.5°	17.7	20.3	23.1	25.9	26.4	25.1	22.9	19.8	23.3	30.4	38.3
-80°	10.9	11.3	13.0	14.9	15.9	15.8	15.0	13.4	15.8	19.8	24.6
-82.5°	6.5	6.9	7.2	7.2	7.3	7.3	7.2	7.2	8.8	11.0	13.4
-85°	2.6	2.6	2.9	3.1	3.4	3.6	3.7	3.7	4.2	4.8	5.4
-87.5°	1.3	1.3	1.2	1.1	1.2	1.3	1.4	1.4	1.3	1.2	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: P558723 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-927-U-WR-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	1.0	1.0
85°	6.2	6.1	5.9	5.6	5.2	5.3	5.5	5.6	5.8	5.4	5.0
82.5°	16.0	17.2	18.3	19.5	20.7	20.5	20.0	19.2	18.1	16.1	14.0
80°	30.0	32.8	34.7	36.2	37.4	36.2	34.5	32.4	30.2	26.8	23.1
77.5°	46.5	49.4	50.9	52.6	54.6	55.0	55.0	55.2	55.4	49.2	41.3
75°	57.8	61.5	64.6	67.3	69.7	70.9	71.7	72.5	73.2	64.9	54.0
72.5°	71.1	74.7	77.6	80.5	83.1	85.1	86.7	87.9	88.9	82.2	72.7
70°	86.5	90.2	93.5	96.6	99.6	102.2	104.7	106.9	109.0	109.4	109.9
67.5°	104.0	106.2	110.2	114.0	118.6	122.0	125.7	129.2	132.4	135.2	137.4
65°	125.7	133.4	141.2	145.1	145.4	150.2	157.8	162.1	163.3	164.3	166.7
62.5°	162.0	172.0	177.2	184.0	193.4	203.6	207.6	213.2	220.1	227.9	234.9
60°	190.9	199.3	212.0	224.8	236.3	246.7	271.8	294.1	313.3	329.7	345.6
57.5°	226.7	240.7	260.0	294.8	326.6	355.4	404.6	464.6	518.1	564.9	606.0
55°	283.9	324.6	361.2	443.3	531.0	606.9	678.0	754.0	815.9	864.3	909.0
52.5°	381.3	493.1	606.5	713.0	817.9	913.3	998.9	1066.3	1118.9	1158.3	1195.7
50°	610.5	745.2	883.3	1010.5	1113.4	1207.4	1296.6	1363.4	1419.3	1467.5	1510.1
47.5°	860.3	1018.1	1148.5	1265.7	1376.7	1481.1	1578.6	1659.9	1728.8	1792.3	1845.2
45°	1108.9	1250.0	1383.7	1509.5	1630.3	1747.3	1852.1	1944.6	2035.8	2111.1	2170.7
42.5°	1319.1	1468.5	1610.8	1754.7	1889.7	2020.9	2147.6	2260.1	2357.0	2439.3	2505.5
40°	1520.8	1681.9	1850.9	2010.7	2171.0	2320.7	2461.1	2589.6	2699.9	2797.3	2879.8
37.5°	1726.2	1914.2	2099.9	2282.0	2458.7	2621.5	2782.6	2930.8	3060.1	3174.1	3269.8
35°	1942.9	2150.1	2352.2	2557.4	2750.3	2938.8	3116.8	3280.0	3423.1	3557.4	3672.9
32.5°	2160.0	2384.6	2612.1	2834.2	3047.8	3258.9	3454.2	3638.1	3807.2	3955.9	4079.2
30°	2371.4	2618.6	2862.1	3104.0	3347.9	3577.8	3794.1	3996.1	4179.7	4341.6	4481.7
27.5°	2574.2	2840.0	3101.1	3377.8	3642.8	3893.0	4128.0	4345.2	4550.0	4734.2	4893.2
25°	2761.9	3044.3	3348.6	3638.8	3922.4	4199.8	4457.3	4693.2	4927.4	5130.1	5302.7
22.5°	2939.3	3254.3	3574.7	3879.1	4192.0	4497.0	4785.2	5058.6	5308.8	5521.2	5705.3
20°	3107.9	3446.9	3777.0	4114.1	4452.9	4782.0	5099.4	5391.5	5655.9	5887.3	6094.9
17.5°	3267.1	3617.9	3968.8	4328.6	4694.5	5040.6	5376.8	5694.7	5983.3	6240.0	6474.1
15°	3404.9	3767.4	4143.0	4525.5	4908.3	5276.2	5633.0	5979.3	6303.9	6583.4	6819.5
12.5°	3521.9	3899.6	4297.0	4698.3	5101.8	5487.4	5865.6	6236.1	6581.3	6881.7	7124.1
10°	3619.1	4014.7	4429.9	4847.8	5261.6	5662.3	6055.7	6439.0	6809.7	7121.2	7370.1
7.5°	3700.0	4110.8	4535.6	4966.1	5383.6	5799.8	6210.0	6597.3	6962.5	7290.9	7546.7
5°	3760.5	4178.2	4611.9	5053.1	5477.0	5908.1	6330.5	6726.8	7088.4	7386.0	7594.8
2.5°	3805.5	4220.1	4661.4	5105.6	5535.1	5981.7	6413.2	6809.8	7180.0	7461.6	7642.4
0°	3836.1	4243.2	4706.4	5142.0	5578.7	6036.7	6463.2	6864.2	7235.5	7511.0	7697.7
-2.5°	3805.5	4220.1	4661.4	5105.6	5535.1	5981.7	6413.2	6809.8	7180.0	7461.6	7642.4
-5°	3760.5	4178.2	4611.9	5053.1	5477.0	5908.1	6330.5	6726.8	7088.4	7386.0	7594.8
-7.5°	3700.0	4110.8	4535.6	4966.1	5383.6	5799.8	6210.0	6597.3	6962.5	7290.9	7546.7
-10°	3619.1	4014.7	4429.9	4847.8	5261.6	5662.3	6055.7	6439.0	6809.7	7121.2	7370.1
-12.5°	3521.9	3899.6	4297.0	4698.3	5101.8	5487.4	5865.6	6236.1	6581.3	6881.7	7124.1
-15°	3404.9	3767.4	4143.0	4525.5	4908.3	5276.2	5633.0	5979.3	6303.9	6583.4	6819.5
-17.5°	3267.1	3617.9	3968.8	4328.6	4694.5	5040.6	5376.8	5694.7	5983.3	6240.0	6474.1
-20°	3107.9	3446.9	3777.0	4114.1	4452.9	4782.0	5099.4	5391.5	5655.9	5887.3	6094.9



REPORT NUMBER: P558723 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2939.3	3254.3	3574.7	3879.1	4192.0	4497.0	4785.2	5058.6	5308.8	5521.2	5705.3
-25°	2761.9	3044.3	3348.6	3638.8	3922.4	4199.8	4457.3	4693.2	4927.4	5130.1	5302.7
-27.5°	2574.2	2840.0	3101.1	3377.8	3642.8	3893.0	4128.0	4345.2	4550.0	4734.2	4893.2
-30°	2371.4	2618.6	2862.1	3104.0	3347.9	3577.8	3794.1	3996.1	4179.7	4341.6	4481.7
-32.5°	2160.0	2384.6	2612.1	2834.2	3047.8	3258.9	3454.2	3638.1	3807.2	3955.9	4079.2
-35°	1942.9	2150.1	2352.2	2557.4	2750.3	2938.8	3116.8	3280.0	3423.1	3557.4	3672.9
-37.5°	1726.2	1914.2	2099.9	2282.0	2458.7	2621.5	2782.6	2930.8	3060.1	3174.1	3269.8
-40°	1520.8	1681.9	1850.9	2010.7	2171.0	2320.7	2461.1	2589.6	2699.9	2797.3	2879.8
-42.5°	1319.1	1468.5	1610.8	1754.7	1889.7	2020.9	2147.6	2260.1	2357.0	2439.3	2505.5
-45°	1108.9	1250.0	1383.7	1509.5	1630.3	1747.3	1852.1	1944.6	2035.8	2111.1	2170.7
-47.5°	860.3	1018.1	1148.5	1265.7	1376.7	1481.1	1578.6	1659.9	1728.8	1792.3	1845.2
-50°	610.5	745.2	883.3	1010.5	1113.4	1207.4	1296.6	1363.4	1419.3	1467.5	1510.1
-52.5°	381.3	493.1	606.5	713.0	817.9	913.3	998.9	1066.3	1118.9	1158.3	1195.7
-55°	283.9	324.6	361.2	443.3	531.0	606.9	678.0	754.0	815.9	864.3	909.0
-57.5°	226.7	240.7	260.0	294.8	326.6	355.4	404.6	464.6	518.1	564.9	606.0
-60°	190.9	199.3	212.0	224.8	236.3	246.7	271.8	294.1	313.3	329.7	345.6
-62.5°	162.0	172.0	177.2	184.0	193.4	203.6	207.6	213.2	220.1	227.9	234.9
-65°	125.7	133.4	141.2	145.1	145.4	150.2	157.8	162.1	163.3	164.3	166.7
-67.5°	104.0	106.2	110.2	114.0	118.6	122.0	125.7	129.2	132.4	135.2	137.4
-70°	86.5	90.2	93.5	96.6	99.6	102.2	104.7	106.9	109.0	109.4	109.9
-72.5°	71.1	74.7	77.6	80.5	83.1	85.1	86.7	87.9	88.9	82.2	72.7
-75°	57.8	61.5	64.6	67.3	69.7	70.9	71.7	72.5	73.2	64.9	54.0
-77.5°	46.5	49.4	50.9	52.6	54.6	55.0	55.0	55.2	55.4	49.2	41.3
-80°	30.0	32.8	34.7	36.2	37.4	36.2	34.5	32.4	30.2	26.8	23.1
-82.5°	16.0	17.2	18.3	19.5	20.7	20.5	20.0	19.2	18.1	16.1	14.0
-85°	6.2	6.1	5.9	5.6	5.2	5.3	5.5	5.6	5.8	5.4	5.0
-87.5°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0	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: P558723 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-927-U-WR-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
85°	4.5	4.1	4.1	4.1	4.1	4.1	4.5	5.0	5.4	5.8	5.6
82.5°	11.6	9.2	9.7	10.2	9.7	9.2	11.6	14.0	16.1	18.1	19.2
80°	19.3	15.3	15.8	16.3	15.8	15.3	19.3	23.1	26.8	30.2	32.4
77.5°	32.7	23.8	22.9	22.4	22.9	23.8	32.7	41.3	49.2	55.4	55.2
75°	42.8	31.2	30.6	30.6	30.6	31.2	42.8	54.0	64.9	73.2	72.5
72.5°	63.2	53.4	46.7	39.8	46.7	53.4	63.2	72.7	82.2	88.9	87.9
70°	111.1	112.4	111.9	110.2	111.9	112.4	111.1	109.9	109.4	109.0	106.9
67.5°	139.3	140.8	141.1	140.8	141.1	140.8	139.3	137.4	135.2	132.4	129.2
65°	168.4	169.3	170.1	170.4	170.1	169.3	168.4	166.7	164.3	163.3	162.1
62.5°	240.1	243.6	247.4	250.0	247.4	243.6	240.1	234.9	227.9	220.1	213.2
60°	359.5	370.9	376.0	376.5	376.0	370.9	359.5	345.6	329.7	313.3	294.1
57.5°	638.9	663.5	685.5	701.9	685.5	663.5	638.9	606.0	564.9	518.1	464.6
55°	944.7	970.9	985.7	989.6	985.7	970.9	944.7	909.0	864.3	815.9	754.0
52.5°	1224.1	1241.5	1258.0	1272.2	1258.0	1241.5	1224.1	1195.7	1158.3	1118.9	1066.3
50°	1542.2	1561.6	1578.0	1590.6	1578.0	1561.6	1542.2	1510.1	1467.5	1419.3	1363.4
47.5°	1882.3	1906.1	1923.6	1935.4	1923.6	1906.1	1882.3	1845.2	1792.3	1728.8	1659.9
45°	2221.7	2262.4	2287.2	2291.5	2287.2	2262.4	2221.7	2170.7	2111.1	2035.8	1944.6
42.5°	2562.8	2601.8	2628.1	2647.5	2628.1	2601.8	2562.8	2505.5	2439.3	2357.0	2260.1
40°	2948.5	2997.5	3019.9	3005.6	3019.9	2997.5	2948.5	2879.8	2797.3	2699.9	2589.6
37.5°	3343.7	3394.0	3420.0	3418.8	3420.0	3394.0	3343.7	3269.8	3174.1	3060.1	2930.8
35°	3762.7	3825.1	3858.9	3850.4	3858.9	3825.1	3762.7	3672.9	3557.4	3423.1	3280.0
32.5°	4177.7	4253.2	4301.9	4309.5	4301.9	4253.2	4177.7	4079.2	3955.9	3807.2	3638.1
30°	4594.0	4675.6	4724.0	4728.8	4724.0	4675.6	4594.0	4481.7	4341.6	4179.7	3996.1
27.5°	5026.6	5117.9	5168.6	5180.8	5168.6	5117.9	5026.6	4893.2	4734.2	4550.0	4345.2
25°	5449.9	5551.2	5609.4	5631.7	5609.4	5551.2	5449.9	5302.7	5130.1	4927.4	4693.2
22.5°	5858.1	5969.1	6045.0	6064.3	6045.0	5969.1	5858.1	5705.3	5521.2	5308.8	5058.6
20°	6267.4	6398.5	6495.5	6505.0	6495.5	6398.5	6267.4	6094.9	5887.3	5655.9	5391.5
17.5°	6661.5	6803.3	6907.2	6932.5	6907.2	6803.3	6661.5	6474.1	6240.0	5983.3	5694.7
15°	7014.4	7163.2	7263.5	7285.5	7263.5	7163.2	7014.4	6819.5	6583.4	6303.9	5979.3
12.5°	7318.9	7456.1	7549.6	7585.5	7549.6	7456.1	7318.9	7124.1	6881.7	6581.3	6236.1
10°	7564.2	7670.1	7753.8	7791.6	7753.8	7670.1	7564.2	7370.1	7121.2	6809.7	6439.0
7.5°	7701.1	7788.3	7846.2	7867.1	7846.2	7788.3	7701.1	7546.7	7290.9	6962.5	6597.3
5°	7755.2	7838.8	7870.2	7888.5	7870.2	7838.8	7755.2	7594.8	7386.0	7088.4	6726.8
2.5°	7762.6	7829.5	7894.0	7936.4	7894.0	7829.5	7762.6	7642.4	7461.6	7180.0	6809.8
0°	7805.8	7871.1	7906.8	7927.2	7906.8	7871.1	7805.8	7697.7	7511.0	7235.5	6864.2
-2.5°	7762.6	7829.5	7894.0	7936.4	7894.0	7829.5	7762.6	7642.4	7461.6	7180.0	6809.8
-5°	7755.2	7838.8	7870.2	7888.5	7870.2	7838.8	7755.2	7594.8	7386.0	7088.4	6726.8
-7.5°	7701.1	7788.3	7846.2	7867.1	7846.2	7788.3	7701.1	7546.7	7290.9	6962.5	6597.3
-10°	7564.2	7670.1	7753.8	7791.6	7753.8	7670.1	7564.2	7370.1	7121.2	6809.7	6439.0
-12.5°	7318.9	7456.1	7549.6	7585.5	7549.6	7456.1	7318.9	7124.1	6881.7	6581.3	6236.1
-15°	7014.4	7163.2	7263.5	7285.5	7263.5	7163.2	7014.4	6819.5	6583.4	6303.9	5979.3
-17.5°	6661.5	6803.3	6907.2	6932.5	6907.2	6803.3	6661.5	6474.1	6240.0	5983.3	5694.7
-20°	6267.4	6398.5	6495.5	6505.0	6495.5	6398.5	6267.4	6094.9	5887.3	5655.9	5391.5



REPORT NUMBER: P558723 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5858.1	5969.1	6045.0	6064.3	6045.0	5969.1	5858.1	5705.3	5521.2	5308.8	5058.6
-25°	5449.9	5551.2	5609.4	5631.7	5609.4	5551.2	5449.9	5302.7	5130.1	4927.4	4693.2
-27.5°	5026.6	5117.9	5168.6	5180.8	5168.6	5117.9	5026.6	4893.2	4734.2	4550.0	4345.2
-30°	4594.0	4675.6	4724.0	4728.8	4724.0	4675.6	4594.0	4481.7	4341.6	4179.7	3996.1
-32.5°	4177.7	4253.2	4301.9	4309.5	4301.9	4253.2	4177.7	4079.2	3955.9	3807.2	3638.1
-35°	3762.7	3825.1	3858.9	3850.4	3858.9	3825.1	3762.7	3672.9	3557.4	3423.1	3280.0
-37.5°	3343.7	3394.0	3420.0	3418.8	3420.0	3394.0	3343.7	3269.8	3174.1	3060.1	2930.8
-40°	2948.5	2997.5	3019.9	3005.6	3019.9	2997.5	2948.5	2879.8	2797.3	2699.9	2589.6
-42.5°	2562.8	2601.8	2628.1	2647.5	2628.1	2601.8	2562.8	2505.5	2439.3	2357.0	2260.1
-45°	2221.7	2262.4	2287.2	2291.5	2287.2	2262.4	2221.7	2170.7	2111.1	2035.8	1944.6
-47.5°	1882.3	1906.1	1923.6	1935.4	1923.6	1906.1	1882.3	1845.2	1792.3	1728.8	1659.9
-50°	1542.2	1561.6	1578.0	1590.6	1578.0	1561.6	1542.2	1510.1	1467.5	1419.3	1363.4
-52.5°	1224.1	1241.5	1258.0	1272.2	1258.0	1241.5	1224.1	1195.7	1158.3	1118.9	1066.3
-55°	944.7	970.9	985.7	989.6	985.7	970.9	944.7	909.0	864.3	815.9	754.0
-57.5°	638.9	663.5	685.5	701.9	685.5	663.5	638.9	606.0	564.9	518.1	464.6
-60°	359.5	370.9	376.0	376.5	376.0	370.9	359.5	345.6	329.7	313.3	294.1
-62.5°	240.1	243.6	247.4	250.0	247.4	243.6	240.1	234.9	227.9	220.1	213.2
-65°	168.4	169.3	170.1	170.4	170.1	169.3	168.4	166.7	164.3	163.3	162.1
-67.5°	139.3	140.8	141.1	140.8	141.1	140.8	139.3	137.4	135.2	132.4	129.2
-70°	111.1	112.4	111.9	110.2	111.9	112.4	111.1	109.9	109.4	109.0	106.9
-72.5°	63.2	53.4	46.7	39.8	46.7	53.4	63.2	72.7	82.2	88.9	87.9
-75°	42.8	31.2	30.6	30.6	30.6	31.2	42.8	54.0	64.9	73.2	72.5
-77.5°	32.7	23.8	22.9	22.4	22.9	23.8	32.7	41.3	49.2	55.4	55.2
-80°	19.3	15.3	15.8	16.3	15.8	15.3	19.3	23.1	26.8	30.2	32.4
-82.5°	11.6	9.2	9.7	10.2	9.7	9.2	11.6	14.0	16.1	18.1	19.2
-85°	4.5	4.1	4.1	4.1	4.1	4.1	4.5	5.0	5.4	5.8	5.6
-87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	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: P558723 (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	1.0	1.2	1.3	1.4
85°	5.5	5.3	5.2	5.6	5.9	6.1	6.2	5.4	4.8	4.2	3.7
82.5°	20.0	20.5	20.7	19.5	18.3	17.2	16.0	13.4	11.0	8.8	7.2
80°	34.5	36.2	37.4	36.2	34.7	32.8	30.0	24.6	19.8	15.8	13.4
77.5°	55.0	55.0	54.6	52.6	50.9	49.4	46.5	38.3	30.4	23.3	19.8
75°	71.7	70.9	69.7	67.3	64.6	61.5	57.8	52.2	45.1	36.6	30.7
72.5°	86.7	85.1	83.1	80.5	77.6	74.7	71.1	66.4	61.0	54.7	49.9
70°	104.7	102.2	99.6	96.6	93.5	90.2	86.5	82.0	76.4	70.2	66.7
67.5°	125.7	122.0	118.6	114.0	110.2	106.2	104.0	100.2	95.0	88.7	84.5
65°	157.8	150.2	145.4	145.1	141.2	133.4	125.7	122.0	117.7	110.7	103.2
62.5°	207.6	203.6	193.4	184.0	177.2	172.0	162.0	151.5	143.2	136.0	126.3
60°	271.8	246.7	236.3	224.8	212.0	199.3	190.9	180.6	168.4	158.8	148.9
57.5°	404.6	355.4	326.6	294.8	260.0	240.7	226.7	210.6	196.9	183.5	171.0
55°	678.0	606.9	531.0	443.3	361.2	324.6	283.9	251.8	232.1	209.5	194.5
52.5°	998.9	913.3	817.9	713.0	606.5	493.1	381.3	333.9	279.3	245.7	220.7
50°	1296.6	1207.4	1113.4	1010.5	883.3	745.2	610.5	476.1	366.3	303.6	253.6
47.5°	1578.6	1481.1	1376.7	1265.7	1148.5	1018.1	860.3	694.8	539.2	383.1	314.9
45°	1852.1	1747.3	1630.3	1509.5	1383.7	1250.0	1108.9	939.1	752.0	572.4	386.9
42.5°	2147.6	2020.9	1889.7	1754.7	1610.8	1468.5	1319.1	1159.9	980.2	774.0	573.2
40°	2461.1	2320.7	2171.0	2010.7	1850.9	1681.9	1520.8	1353.4	1178.6	983.7	757.4
37.5°	2782.6	2621.5	2458.7	2282.0	2099.9	1914.2	1726.2	1541.7	1355.1	1164.6	945.4
35°	3116.8	2938.8	2750.3	2557.4	2352.2	2150.1	1942.9	1733.3	1529.1	1325.8	1116.2
32.5°	3454.2	3258.9	3047.8	2834.2	2612.1	2384.6	2160.0	1932.5	1699.3	1482.5	1263.1
30°	3794.1	3577.8	3347.9	3104.0	2862.1	2618.6	2371.4	2121.9	1872.1	1631.3	1403.9
27.5°	4128.0	3893.0	3642.8	3377.8	3101.1	2840.0	2574.2	2303.8	2034.9	1778.5	1534.3
25°	4457.3	4199.8	3922.4	3638.8	3348.6	3044.3	2761.9	2477.6	2194.6	1915.9	1652.3
22.5°	4785.2	4497.0	4192.0	3879.1	3574.7	3254.3	2939.3	2637.4	2342.1	2046.7	1767.7
20°	5099.4	4782.0	4452.9	4114.1	3777.0	3446.9	3107.9	2786.9	2475.1	2169.2	1874.9
17.5°	5376.8	5040.6	4694.5	4328.6	3968.8	3617.9	3267.1	2923.9	2595.4	2275.6	1972.0
15°	5633.0	5276.2	4908.3	4525.5	4143.0	3767.4	3404.9	3044.5	2703.4	2370.2	2058.3
12.5°	5865.6	5487.4	5101.8	4698.3	4297.0	3899.6	3521.9	3153.1	2797.7	2454.6	2131.0
10°	6055.7	5662.3	5261.6	4847.8	4429.9	4014.7	3619.1	3240.7	2873.6	2521.7	2191.5
7.5°	6210.0	5799.8	5383.6	4966.1	4535.6	4110.8	3700.0	3307.0	2932.9	2570.8	2239.2
5°	6330.5	5908.1	5477.0	5053.1	4611.9	4178.2	3760.5	3351.6	2974.5	2602.3	2273.5
2.5°	6413.2	5981.7	5535.1	5105.6	4661.4	4220.1	3805.5	3386.1	3004.1	2635.4	2303.5
0°	6463.2	6036.7	5578.7	5142.0	4706.4	4243.2	3836.1	3409.6	3016.8	2656.7	2319.0
-2.5°	6413.2	5981.7	5535.1	5105.6	4661.4	4220.1	3805.5	3386.1	3004.1	2635.4	2303.5
-5°	6330.5	5908.1	5477.0	5053.1	4611.9	4178.2	3760.5	3351.6	2974.5	2602.3	2273.5
-7.5°	6210.0	5799.8	5383.6	4966.1	4535.6	4110.8	3700.0	3307.0	2932.9	2570.8	2239.2
-10°	6055.7	5662.3	5261.6	4847.8	4429.9	4014.7	3619.1	3240.7	2873.6	2521.7	2191.5
-12.5°	5865.6	5487.4	5101.8	4698.3	4297.0	3899.6	3521.9	3153.1	2797.7	2454.6	2131.0
-15°	5633.0	5276.2	4908.3	4525.5	4143.0	3767.4	3404.9	3044.5	2703.4	2370.2	2058.3
-17.5°	5376.8	5040.6	4694.5	4328.6	3968.8	3617.9	3267.1	2923.9	2595.4	2275.6	1972.0
-20°	5099.4	4782.0	4452.9	4114.1	3777.0	3446.9	3107.9	2786.9	2475.1	2169.2	1874.9



REPORT NUMBER: P558723 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-927-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4785.2	4497.0	4192.0	3879.1	3574.7	3254.3	2939.3	2637.4	2342.1	2046.7	1767.7
-25°	4457.3	4199.8	3922.4	3638.8	3348.6	3044.3	2761.9	2477.6	2194.6	1915.9	1652.3
-27.5°	4128.0	3893.0	3642.8	3377.8	3101.1	2840.0	2574.2	2303.8	2034.9	1778.5	1534.3
-30°	3794.1	3577.8	3347.9	3104.0	2862.1	2618.6	2371.4	2121.9	1872.1	1631.3	1403.9
-32.5°	3454.2	3258.9	3047.8	2834.2	2612.1	2384.6	2160.0	1932.5	1699.3	1482.5	1263.1
-35°	3116.8	2938.8	2750.3	2557.4	2352.2	2150.1	1942.9	1733.3	1529.1	1325.8	1116.2
-37.5°	2782.6	2621.5	2458.7	2282.0	2099.9	1914.2	1726.2	1541.7	1355.1	1164.6	945.4
-40°	2461.1	2320.7	2171.0	2010.7	1850.9	1681.9	1520.8	1353.4	1178.6	983.7	757.4
-42.5°	2147.6	2020.9	1889.7	1754.7	1610.8	1468.5	1319.1	1159.9	980.2	774.0	573.2
-45°	1852.1	1747.3	1630.3	1509.5	1383.7	1250.0	1108.9	939.1	752.0	572.4	386.9
-47.5°	1578.6	1481.1	1376.7	1265.7	1148.5	1018.1	860.3	694.8	539.2	383.1	314.9
-50°	1296.6	1207.4	1113.4	1010.5	883.3	745.2	610.5	476.1	366.3	303.6	253.6
-52.5°	998.9	913.3	817.9	713.0	606.5	493.1	381.3	333.9	279.3	245.7	220.7
-55°	678.0	606.9	531.0	443.3	361.2	324.6	283.9	251.8	232.1	209.5	194.5
-57.5°	404.6	355.4	326.6	294.8	260.0	240.7	226.7	210.6	196.9	183.5	171.0
-60°	271.8	246.7	236.3	224.8	212.0	199.3	190.9	180.6	168.4	158.8	148.9
-62.5°	207.6	203.6	193.4	184.0	177.2	172.0	162.0	151.5	143.2	136.0	126.3
-65°	157.8	150.2	145.4	145.1	141.2	133.4	125.7	122.0	117.7	110.7	103.2
-67.5°	125.7	122.0	118.6	114.0	110.2	106.2	104.0	100.2	95.0	88.7	84.5
-70°	104.7	102.2	99.6	96.6	93.5	90.2	86.5	82.0	76.4	70.2	66.7
-72.5°	86.7	85.1	83.1	80.5	77.6	74.7	71.1	66.4	61.0	54.7	49.9
-75°	71.7	70.9	69.7	67.3	64.6	61.5	57.8	52.2	45.1	36.6	30.7
-77.5°	55.0	55.0	54.6	52.6	50.9	49.4	46.5	38.3	30.4	23.3	19.8
-80°	34.5	36.2	37.4	36.2	34.7	32.8	30.0	24.6	19.8	15.8	13.4
-82.5°	20.0	20.5	20.7	19.5	18.3	17.2	16.0	13.4	11.0	8.8	7.2
-85°	5.5	5.3	5.2	5.6	5.9	6.1	6.2	5.4	4.8	4.2	3.7
-87.5°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	1.0	1.2	1.3	1.4
-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: P558723 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-927-U-WR-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°	1.4	1.3	1.2	1.1	1.2	1.3	1.3	1.3	1.2	1.1	0.9
85°	3.7	3.6	3.4	3.1	2.9	2.6	2.6	2.6	2.4	2.1	1.9
82.5°	7.2	7.3	7.3	7.2	7.2	6.9	6.5	5.8	4.5	3.3	2.8
80°	15.0	15.8	15.9	14.9	13.0	11.3	10.9	10.0	8.3	6.6	4.9
77.5°	22.9	25.1	26.4	25.9	23.1	20.3	17.7	15.0	12.0	9.8	7.7
75°	31.3	34.1	36.3	36.3	33.3	29.3	25.8	22.1	17.7	13.2	10.4
72.5°	47.3	46.2	46.6	46.8	44.2	40.4	35.2	29.1	24.1	18.9	13.7
70°	63.6	59.3	56.5	56.0	54.6	51.8	46.6	38.8	30.4	24.6	18.6
67.5°	80.6	76.4	70.9	66.2	64.4	61.9	57.9	48.7	38.9	30.1	23.5
65°	98.0	93.0	87.9	80.9	75.6	72.1	68.0	58.2	47.0	37.0	28.3
62.5°	117.1	108.8	102.3	94.8	87.6	82.2	77.9	67.2	55.0	43.5	33.5
60°	138.1	127.5	116.8	107.9	99.3	91.6	85.5	76.3	63.7	49.7	38.6
57.5°	159.3	146.5	133.2	121.3	111.2	101.6	92.8	83.9	72.3	57.3	43.3
55°	180.6	166.4	149.5	135.0	123.0	112.3	100.7	90.8	80.4	65.3	46.8
52.5°	201.3	185.1	167.0	149.0	134.3	122.3	109.4	97.7	86.7	73.1	52.2
50°	226.5	203.0	184.0	164.5	145.5	131.5	117.7	104.9	93.0	80.4	57.1
47.5°	255.7	225.9	200.8	179.6	159.1	140.5	125.9	111.7	99.2	86.0	61.4
45°	313.9	252.0	220.5	195.2	172.0	151.3	134.0	118.1	104.9	88.4	65.1
42.5°	380.4	300.6	243.6	210.6	185.8	162.3	141.9	125.1	110.1	90.0	67.1
40°	540.4	361.4	274.7	231.0	199.7	172.4	150.9	132.1	114.6	90.9	67.9
37.5°	704.7	474.1	329.5	250.9	214.4	184.8	159.4	138.8	116.5	91.9	68.1
35°	871.5	621.5	383.2	286.9	232.1	196.9	167.2	145.5	120.8	92.8	67.7
32.5°	1029.8	763.8	506.3	334.5	249.1	208.4	176.3	152.2	126.2	93.7	66.8
30°	1165.6	902.0	628.2	380.0	272.8	222.9	186.4	158.5	132.7	94.6	65.8
27.5°	1289.1	1031.1	742.8	468.1	312.0	236.8	195.9	164.5	140.1	97.0	66.0
25°	1402.8	1141.2	853.5	564.7	348.8	250.0	204.5	170.1	146.0	102.0	66.1
22.5°	1503.2	1239.3	954.7	652.7	382.0	262.9	213.8	177.3	150.5	107.3	65.9
20°	1593.3	1328.4	1046.7	734.0	436.6	290.4	223.9	183.6	154.5	112.8	65.6
17.5°	1674.3	1405.9	1124.1	811.0	501.9	314.7	233.1	189.2	158.2	118.3	65.0
15°	1753.4	1471.6	1189.8	879.2	559.3	335.7	241.3	194.0	161.4	123.6	64.6
12.5°	1819.9	1527.9	1245.2	938.1	608.8	353.5	248.6	197.9	164.2	128.4	64.2
10°	1873.2	1574.3	1290.2	987.4	649.8	368.0	254.7	200.9	166.3	132.3	62.9
7.5°	1913.5	1610.7	1325.0	1026.8	682.3	380.0	258.7	202.6	168.0	135.5	60.9
5°	1942.4	1638.1	1350.3	1055.9	705.9	389.7	261.1	203.5	169.3	137.7	58.3
2.5°	1966.4	1657.3	1366.2	1074.6	720.2	396.4	262.3	203.6	170.1	138.9	55.3
0°	1978.2	1666.0	1372.2	1082.5	725.4	399.9	262.2	203.0	170.4	138.8	52.0
-2.5°	1966.4	1657.3	1366.2	1074.6	720.2	396.4	262.3	203.6	170.1	138.9	55.3
-5°	1942.4	1638.1	1350.3	1055.9	705.9	389.7	261.1	203.5	169.3	137.7	58.3
-7.5°	1913.5	1610.7	1325.0	1026.8	682.3	380.0	258.7	202.6	168.0	135.5	60.9
-10°	1873.2	1574.3	1290.2	987.4	649.8	368.0	254.7	200.9	166.3	132.3	62.9
-12.5°	1819.9	1527.9	1245.2	938.1	608.8	353.5	248.6	197.9	164.2	128.4	64.2
-15°	1753.4	1471.6	1189.8	879.2	559.3	335.7	241.3	194.0	161.4	123.6	64.6
-17.5°	1674.3	1405.9	1124.1	811.0	501.9	314.7	233.1	189.2	158.2	118.3	65.0
-20°	1593.3	1328.4	1046.7	734.0	436.6	290.4	223.9	183.6	154.5	112.8	65.6



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1503.2	1239.3	954.7	652.7	382.0	262.9	213.8	177.3	150.5	107.3	65.9
-25°	1402.8	1141.2	853.5	564.7	348.8	250.0	204.5	170.1	146.0	102.0	66.1
-27.5°	1289.1	1031.1	742.8	468.1	312.0	236.8	195.9	164.5	140.1	97.0	66.0
-30°	1165.6	902.0	628.2	380.0	272.8	222.9	186.4	158.5	132.7	94.6	65.8
-32.5°	1029.8	763.8	506.3	334.5	249.1	208.4	176.3	152.2	126.2	93.7	66.8
-35°	871.5	621.5	383.2	286.9	232.1	196.9	167.2	145.5	120.8	92.8	67.7
-37.5°	704.7	474.1	329.5	250.9	214.4	184.8	159.4	138.8	116.5	91.9	68.1
-40°	540.4	361.4	274.7	231.0	199.7	172.4	150.9	132.1	114.6	90.9	67.9
-42.5°	380.4	300.6	243.6	210.6	185.8	162.3	141.9	125.1	110.1	90.0	67.1
-45°	313.9	252.0	220.5	195.2	172.0	151.3	134.0	118.1	104.9	88.4	65.1
-47.5°	255.7	225.9	200.8	179.6	159.1	140.5	125.9	111.7	99.2	86.0	61.4
-50°	226.5	203.0	184.0	164.5	145.5	131.5	117.7	104.9	93.0	80.4	57.1
-52.5°	201.3	185.1	167.0	149.0	134.3	122.3	109.4	97.7	86.7	73.1	52.2
-55°	180.6	166.4	149.5	135.0	123.0	112.3	100.7	90.8	80.4	65.3	46.8
-57.5°	159.3	146.5	133.2	121.3	111.2	101.6	92.8	83.9	72.3	57.3	43.3
-60°	138.1	127.5	116.8	107.9	99.3	91.6	85.5	76.3	63.7	49.7	38.6
-62.5°	117.1	108.8	102.3	94.8	87.6	82.2	77.9	67.2	55.0	43.5	33.5
-65°	98.0	93.0	87.9	80.9	75.6	72.1	68.0	58.2	47.0	37.0	28.3
-67.5°	80.6	76.4	70.9	66.2	64.4	61.9	57.9	48.7	38.9	30.1	23.5
-70°	63.6	59.3	56.5	56.0	54.6	51.8	46.6	38.8	30.4	24.6	18.6
-72.5°	47.3	46.2	46.6	46.8	44.2	40.4	35.2	29.1	24.1	18.9	13.7
-75°	31.3	34.1	36.3	36.3	33.3	29.3	25.8	22.1	17.7	13.2	10.4
-77.5°	22.9	25.1	26.4	25.9	23.1	20.3	17.7	15.0	12.0	9.8	7.7
-80°	15.0	15.8	15.9	14.9	13.0	11.3	10.9	10.0	8.3	6.6	4.9
-82.5°	7.2	7.3	7.3	7.2	7.2	6.9	6.5	5.8	4.5	3.3	2.8
-85°	3.7	3.6	3.4	3.1	2.9	2.6	2.6	2.6	2.4	2.1	1.9
-87.5°	1.4	1.3	1.2	1.1	1.2	1.3	1.3	1.3	1.2	1.1	0.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.8	0.7	0.5	0.4	0.3	0.1	0.0
85°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
82.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
80°	3.4	2.7	2.1	1.6	1.1	0.5	0.0
77.5°	5.6	3.7	2.7	2.0	1.3	0.7	0.0
75°	7.8	5.3	3.3	2.4	1.6	0.8	0.0
72.5°	10.0	6.8	4.3	2.8	1.9	0.9	0.0
70°	12.3	8.3	5.4	3.2	2.1	1.1	0.0
67.5°	16.0	9.7	6.3	3.8	2.4	1.2	0.0
65°	19.6	11.6	7.3	4.4	2.6	1.3	0.0
62.5°	22.8	13.9	8.1	5.0	2.9	1.4	0.0
60°	25.8	16.1	8.9	5.5	3.1	1.5	0.0
57.5°	28.8	18.0	10.2	5.9	3.4	1.7	0.0
55°	31.5	19.7	11.3	6.4	3.7	1.8	0.0
52.5°	33.8	21.2	12.3	6.8	4.0	1.9	0.0
50°	35.8	22.6	13.2	7.2	4.2	2.0	0.0
47.5°	37.6	23.7	13.9	7.5	4.5	2.1	0.0
45°	40.6	24.6	14.5	7.9	4.8	2.2	0.0
42.5°	43.1	25.1	14.9	8.2	5.0	2.3	0.0
40°	45.1	25.4	15.2	8.6	5.2	2.4	0.0
37.5°	46.6	25.4	15.3	9.0	5.4	2.5	0.0
35°	47.6	26.0	15.2	9.4	5.7	2.5	0.0
32.5°	47.9	26.7	15.0	9.8	5.8	2.6	0.0
30°	46.9	27.0	14.6	10.1	6.0	2.7	0.0
27.5°	45.7	27.0	15.0	10.5	6.2	2.7	0.0
25°	44.0	26.7	15.5	10.8	6.3	2.8	0.0
22.5°	42.0	26.7	15.9	11.0	6.5	2.9	0.0
20°	39.7	28.0	16.3	11.3	6.6	2.9	0.0
17.5°	39.2	29.1	16.7	11.5	6.7	3.0	0.0
15°	40.0	30.0	17.1	11.7	6.8	3.0	0.0
12.5°	40.7	30.8	17.4	11.8	6.9	3.0	0.0
10°	41.4	31.5	17.7	12.0	7.0	3.1	0.0
7.5°	41.9	32.0	17.9	12.1	7.0	3.1	0.0
5°	42.3	32.3	18.1	12.1	7.1	3.1	0.0
2.5°	42.6	32.5	18.3	12.2	7.1	3.1	0.0
0°	42.8	32.6	18.4	12.2	7.1	3.1	0.0
-2.5°	42.6	32.5	18.3	12.2	7.1	3.1	0.0
-5°	42.3	32.3	18.1	12.1	7.1	3.1	0.0
-7.5°	41.9	32.0	17.9	12.1	7.0	3.1	0.0
-10°	41.4	31.5	17.7	12.0	7.0	3.1	0.0
-12.5°	40.7	30.8	17.4	11.8	6.9	3.0	0.0
-15°	40.0	30.0	17.1	11.7	6.8	3.0	0.0
-17.5°	39.2	29.1	16.7	11.5	6.7	3.0	0.0
-20°	39.7	28.0	16.3	11.3	6.6	2.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	42.0	26.7	15.9	11.0	6.5	2.9	0.0
-25°	44.0	26.7	15.5	10.8	6.3	2.8	0.0
-27.5°	45.7	27.0	15.0	10.5	6.2	2.7	0.0
-30°	46.9	27.0	14.6	10.1	6.0	2.7	0.0
-32.5°	47.9	26.7	15.0	9.8	5.8	2.6	0.0
-35°	47.6	26.0	15.2	9.4	5.7	2.5	0.0
-37.5°	46.6	25.4	15.3	9.0	5.4	2.5	0.0
-40°	45.1	25.4	15.2	8.6	5.2	2.4	0.0
-42.5°	43.1	25.1	14.9	8.2	5.0	2.3	0.0
-45°	40.6	24.6	14.5	7.9	4.8	2.2	0.0
-47.5°	37.6	23.7	13.9	7.5	4.5	2.1	0.0
-50°	35.8	22.6	13.2	7.2	4.2	2.0	0.0
-52.5°	33.8	21.2	12.3	6.8	4.0	1.9	0.0
-55°	31.5	19.7	11.3	6.4	3.7	1.8	0.0
-57.5°	28.8	18.0	10.2	5.9	3.4	1.7	0.0
-60°	25.8	16.1	8.9	5.5	3.1	1.5	0.0
-62.5°	22.8	13.9	8.1	5.0	2.9	1.4	0.0
-65°	19.6	11.6	7.3	4.4	2.6	1.3	0.0
-67.5°	16.0	9.7	6.3	3.8	2.4	1.2	0.0
-70°	12.3	8.3	5.4	3.2	2.1	1.1	0.0
-72.5°	10.0	6.8	4.3	2.8	1.9	0.9	0.0
-75°	7.8	5.3	3.3	2.4	1.6	0.8	0.0
-77.5°	5.6	3.7	2.7	2.0	1.3	0.7	0.0
-80°	3.4	2.7	2.1	1.6	1.1	0.5	0.0
-82.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
-85°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
-87.5°	0.8	0.7	0.5	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)