

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: P559233 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-927-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559233 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6E-927-U-TSB-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, TIGHT SPOT BAFFLE N1
Light Source: (96) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

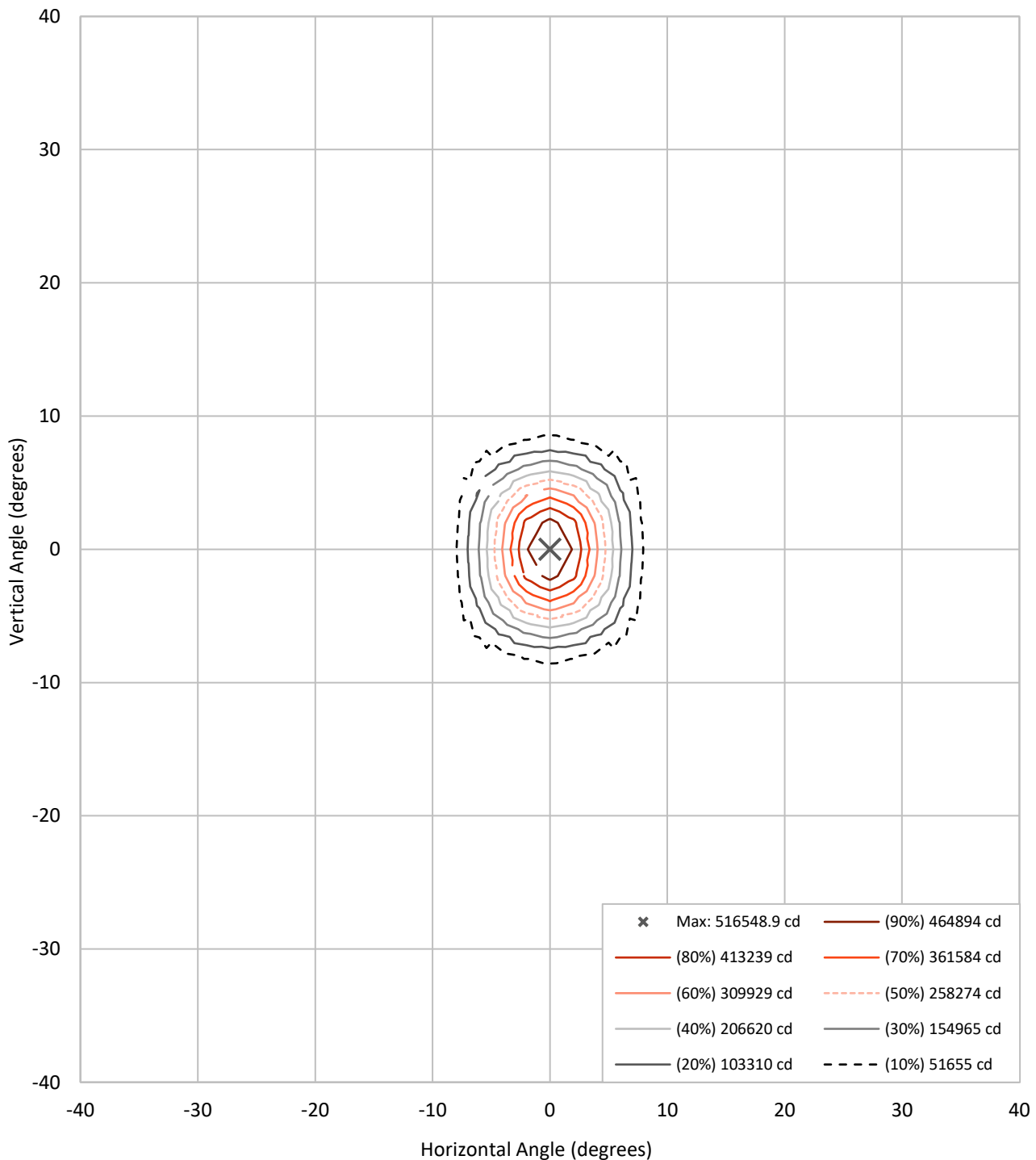
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	20115.5 lumens	Max Intensity:	516548.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	54.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	8621.9 lumens	Field Lumens:	14859.7 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 368
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





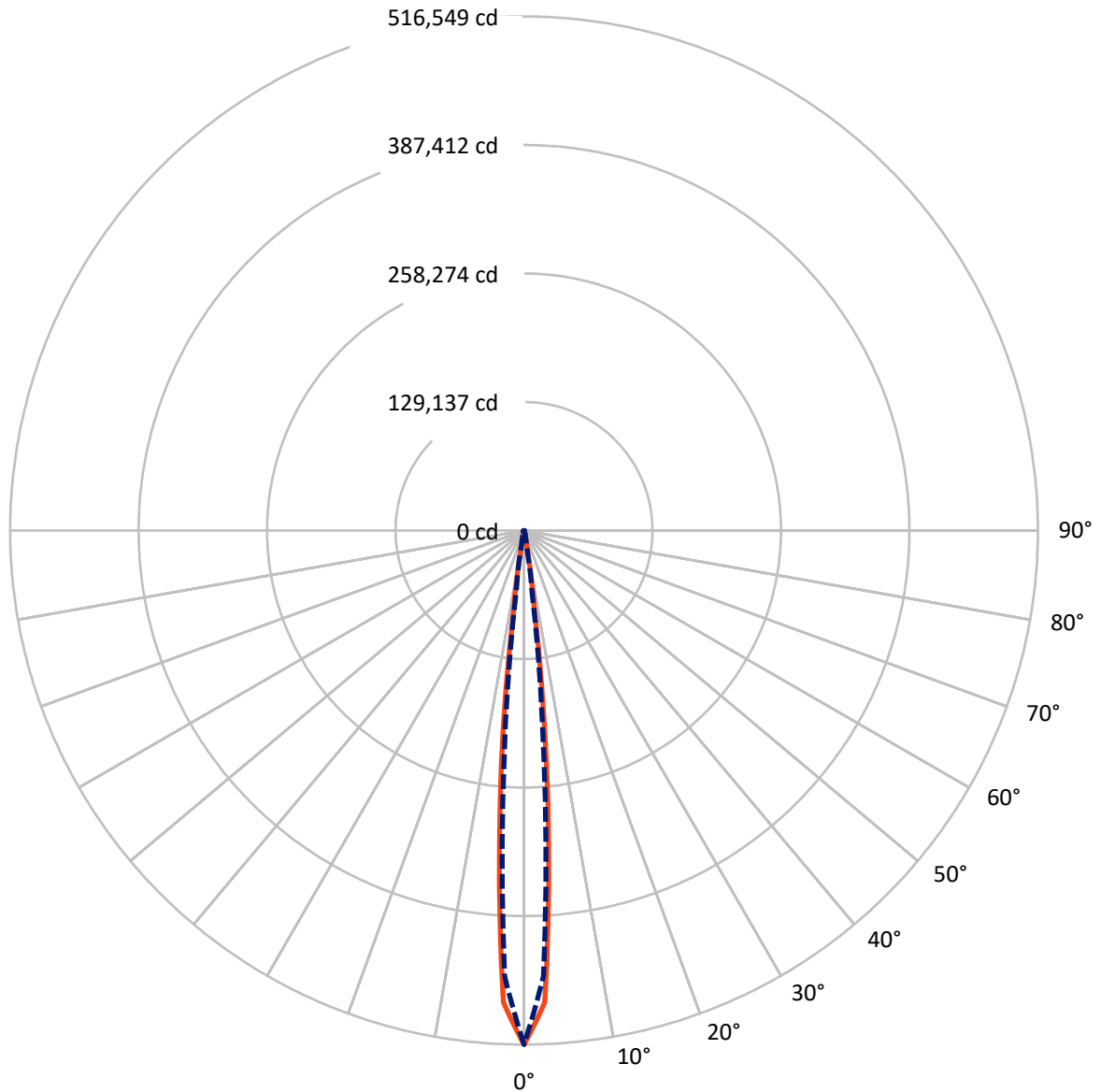
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Lumen Table

90	0.1	0.6	2.1	4.9	8.3	4.9	2.1	0.6	0.1										
80	0.1	0.6	2.1	4.9	8.3	4.9	2.1	0.6	0.1										
70	0.3	0.4	1.1	2.2	3.4	4.4	7.1	12.5	12.5	7.1	4.4	3.4	2.2	1.1	0.4	0.3			
60		0.8	2.0	4.1	6.6	8.9	12.0	16.2	16.2	12.0	8.9	6.6	4.1	2.0	0.8				
50	1.0	1.4	3.1	6.5	11.4	17.1	21.9	26.1	26.1	21.9	17.1	11.4	6.5	3.1	1.4	1.0			
40		2.2	4.5	9.8	17.7	23.8	26.9	28.5	28.5	26.9	23.8	17.7	9.8	4.5	2.2				
30	2.0	3.2	6.2	13.8	21.7	25.9	35.3	46.4	46.4	35.3	25.9	21.7	13.8	6.2	3.2	2.0			
20		4.4	8.6	17.5	24.0	34.1	69.1	138.1	138.1	69.1	34.1	24.0	17.5	8.6	4.4				
10	2.3	4.9	10.3	19.5	24.9	43.7	136.7	4041.5	4041.5	136.7	43.7	24.9	19.5	10.3	4.9	2.3			
0		4.9	10.3	19.5	24.9	43.7	136.7	4041.5	4041.5	136.7	43.7	24.9	19.5	10.3	4.9				
-10	2.0	4.4	8.6	17.5	24.0	34.1	69.1	138.1	138.1	69.1	34.1	24.0	17.5	8.6	4.4	2.0			
-20		3.2	6.2	13.8	21.7	25.9	35.3	46.4	46.4	35.3	25.9	21.7	13.8	6.2	3.2				
-30	1.0	2.2	4.5	9.8	17.7	23.8	26.9	28.5	28.5	26.9	23.8	17.7	9.8	4.5	2.2	1.0			
-40		1.4	3.1	6.5	11.4	17.1	21.9	26.1	26.1	21.9	17.1	11.4	6.5	3.1	1.4				
-50	0.3	0.8	2.0	4.1	6.6	8.9	12.0	16.2	16.2	12.0	8.9	6.6	4.1	2.0	0.8	0.3			
-60		0.4	1.1	2.2	3.4	4.4	7.1	12.5	12.5	7.1	4.4	3.4	2.2	1.1	0.4				
-70	0.1	0.6	2.1	4.9	8.3	4.9	2.1	0.6	0.1						0.1				
-80		0.1	0.6	2.1	4.9	8.3	4.9	2.1	0.6	0.1									
-90	0.1	0.6	2.1	4.9	8.3	4.9	2.1	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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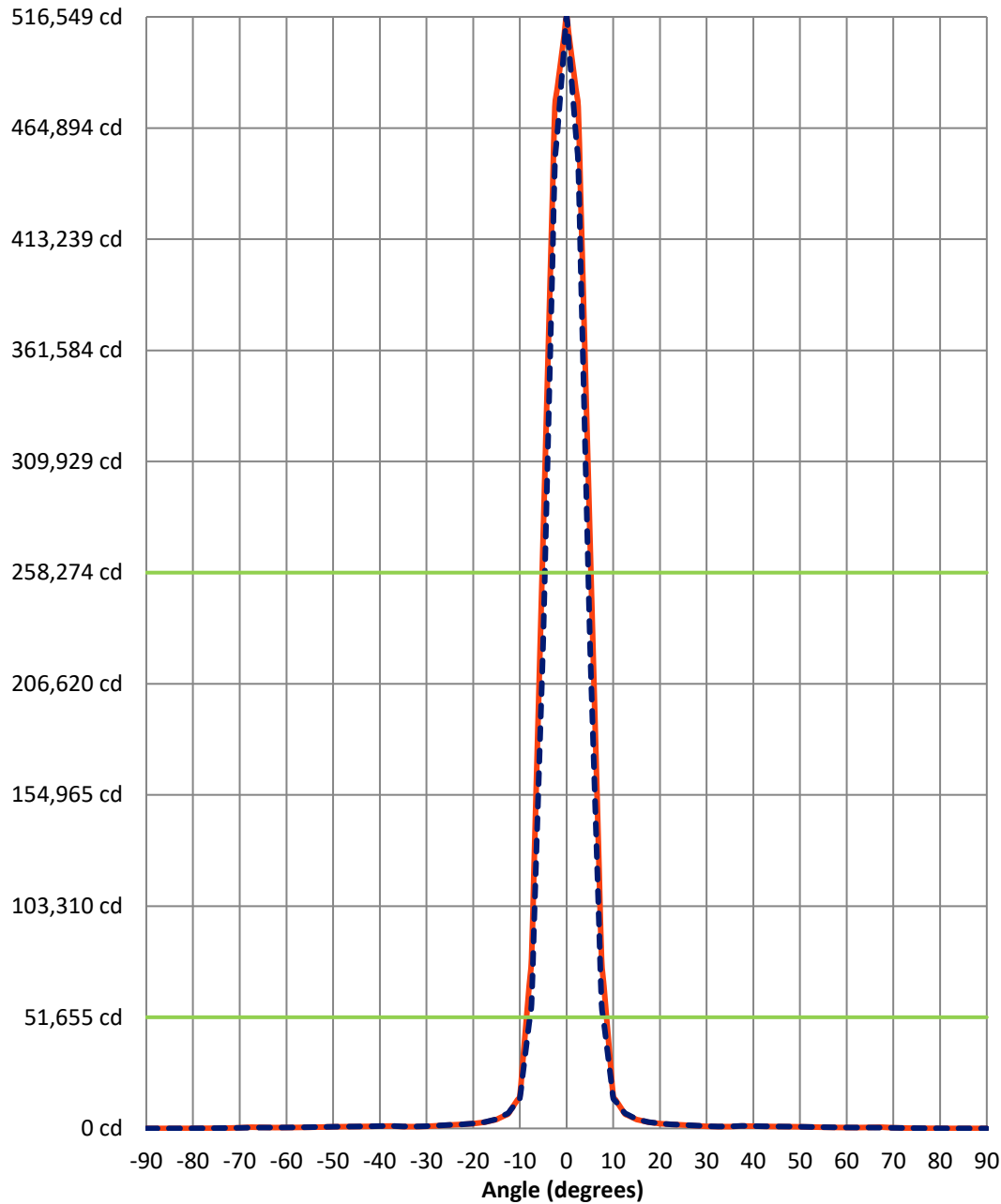
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 9.3°
 V Angle: 10.4°
 Lumens: 8621.9
 Efficiency: 42.9%

Field:
 H Angle: 15.7°
 V Angle: 17.1°
 Lumens: 14859.7
 Efficiency: 73.9%

Spill:
 Lumens: 5255.8
 Efficiency: 26.1%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.3	2.5
85°	0.0	0.5	1.0	1.5	2.0	2.6	3.1	3.5	4.0	4.5	5.0
82.5°	0.0	0.8	1.5	2.3	3.1	3.8	4.6	5.3	5.9	5.9	5.9
80°	0.0	1.0	2.0	3.1	4.1	5.1	5.9	5.9	5.9	5.9	5.9
77.5°	0.0	1.3	2.6	3.8	5.1	5.9	5.9	5.9	5.9	5.9	6.5
75°	0.0	1.5	3.1	4.6	5.9	5.9	5.9	5.9	6.1	7.8	9.0
72.5°	0.0	1.8	3.5	5.3	5.9	5.9	5.9	6.5	8.6	10.3	11.6
70°	0.0	2.0	4.0	5.9	5.9	5.9	6.2	8.9	11.2	13.0	16.1
67.5°	0.0	2.3	4.5	5.9	5.9	5.9	8.4	11.3	13.8	17.7	21.1
65°	0.0	2.5	5.0	5.9	5.9	6.9	10.6	13.7	18.2	22.5	26.9
62.5°	0.0	2.7	5.4	5.9	5.9	8.8	12.8	17.3	22.6	27.8	34.6
60°	0.0	2.9	5.9	5.9	5.9	10.7	15.0	21.3	27.1	35.1	42.3
57.5°	0.0	3.2	5.9	5.9	7.4	12.7	18.8	25.4	33.4	42.6	51.2
55°	0.0	3.4	6.0	5.9	9.0	14.6	22.8	29.7	40.3	50.4	60.7
52.5°	0.0	3.6	6.0	5.9	10.5	16.7	27.0	36.3	47.2	59.5	70.5
50°	0.0	3.8	6.1	5.9	12.1	20.4	31.2	43.4	54.5	68.7	82.3
47.5°	0.0	4.0	6.2	6.2	13.5	24.1	35.9	50.7	63.0	78.0	94.7
45°	0.0	4.2	6.2	7.3	15.0	27.9	42.4	58.3	73.0	89.7	107.5
42.5°	0.0	4.3	6.3	8.3	16.4	31.6	49.1	66.9	83.5	101.7	122.7
40°	0.0	4.5	6.4	9.4	18.6	35.4	55.9	76.4	95.1	114.2	138.8
37.5°	0.0	4.7	6.6	10.4	21.5	39.1	62.7	86.0	108.2	129.9	155.3
35°	0.0	4.8	6.7	11.3	24.3	44.0	69.5	95.8	121.5	148.1	171.4
32.5°	0.0	5.0	6.8	12.0	27.1	49.3	76.8	105.8	135.0	167.0	191.6
30°	0.0	5.1	7.0	12.7	29.7	54.6	84.8	116.1	148.5	186.5	214.3
27.5°	0.0	5.2	7.1	13.3	31.5	59.8	92.7	127.2	163.1	206.6	239.4
25°	0.0	5.3	7.3	13.8	32.8	64.8	100.5	138.2	179.6	227.4	266.4
22.5°	0.0	5.5	7.4	14.3	33.9	68.8	108.2	149.0	196.1	249.5	289.4
20°	0.0	5.5	7.6	14.6	34.7	70.2	115.7	159.5	212.4	272.4	311.9
17.5°	0.0	5.6	7.7	14.8	35.2	71.1	119.6	169.7	228.5	296.0	334.1
15°	0.0	5.7	7.9	15.0	35.4	71.5	121.0	177.0	244.2	319.8	355.8
12.5°	0.0	5.8	8.1	15.1	35.4	71.4	121.8	180.8	254.4	343.7	377.0
10°	0.0	5.8	8.2	15.1	35.2	70.9	122.1	184.2	259.6	352.8	392.1
7.5°	0.0	5.8	8.4	15.1	34.7	69.9	121.9	187.0	263.4	358.3	394.7
5°	0.0	5.9	8.5	15.0	34.1	68.5	121.0	189.1	266.0	362.1	396.9
2.5°	0.0	5.9	8.7	14.9	33.3	66.7	119.6	190.5	267.3	364.1	398.6
0°	0.0	5.9	8.8	14.7	32.3	64.6	117.5	191.0	267.4	364.4	399.6
-2.5°	0.0	5.9	8.7	14.9	33.3	66.7	119.6	190.5	267.3	364.1	398.6
-5°	0.0	5.9	8.5	15.0	34.1	68.5	121.0	189.1	266.0	362.1	396.9
-7.5°	0.0	5.8	8.4	15.1	34.7	69.9	121.9	187.0	263.4	358.3	394.7
-10°	0.0	5.8	8.2	15.1	35.2	70.9	122.1	184.2	259.6	352.8	392.1
-12.5°	0.0	5.8	8.1	15.1	35.4	71.4	121.8	180.8	254.4	343.7	377.0
-15°	0.0	5.7	7.9	15.0	35.4	71.5	121.0	177.0	244.2	319.8	355.8
-17.5°	0.0	5.6	7.7	14.8	35.2	71.1	119.6	169.7	228.5	296.0	334.1
-20°	0.0	5.5	7.6	14.6	34.7	70.2	115.7	159.5	212.4	272.4	311.9



REPORT NUMBER: P559233 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.5	7.4	14.3	33.9	68.8	108.2	149.0	196.1	249.5	289.4
-25°	0.0	5.3	7.3	13.8	32.8	64.8	100.5	138.2	179.6	227.4	266.4
-27.5°	0.0	5.2	7.1	13.3	31.5	59.8	92.7	127.2	163.1	206.6	239.4
-30°	0.0	5.1	7.0	12.7	29.7	54.6	84.8	116.1	148.5	186.5	214.3
-32.5°	0.0	5.0	6.8	12.0	27.1	49.3	76.8	105.8	135.0	167.0	191.6
-35°	0.0	4.8	6.7	11.3	24.3	44.0	69.5	95.8	121.5	148.1	171.4
-37.5°	0.0	4.7	6.6	10.4	21.5	39.1	62.7	86.0	108.2	129.9	155.3
-40°	0.0	4.5	6.4	9.4	18.6	35.4	55.9	76.4	95.1	114.2	138.8
-42.5°	0.0	4.3	6.3	8.3	16.4	31.6	49.1	66.9	83.5	101.7	122.7
-45°	0.0	4.2	6.2	7.3	15.0	27.9	42.4	58.3	73.0	89.7	107.5
-47.5°	0.0	4.0	6.2	6.2	13.5	24.1	35.9	50.7	63.0	78.0	94.7
-50°	0.0	3.8	6.1	5.9	12.1	20.4	31.2	43.4	54.5	68.7	82.3
-52.5°	0.0	3.6	6.0	5.9	10.5	16.7	27.0	36.3	47.2	59.5	70.5
-55°	0.0	3.4	6.0	5.9	9.0	14.6	22.8	29.7	40.3	50.4	60.7
-57.5°	0.0	3.2	5.9	5.9	7.4	12.7	18.8	25.4	33.4	42.6	51.2
-60°	0.0	2.9	5.9	5.9	5.9	10.7	15.0	21.3	27.1	35.1	42.3
-62.5°	0.0	2.7	5.4	5.9	5.9	8.8	12.8	17.3	22.6	27.8	34.6
-65°	0.0	2.5	5.0	5.9	5.9	6.9	10.6	13.7	18.2	22.5	26.9
-67.5°	0.0	2.3	4.5	5.9	5.9	5.9	8.4	11.3	13.8	17.7	21.1
-70°	0.0	2.0	4.0	5.9	5.9	5.9	6.2	8.9	11.2	13.0	16.1
-72.5°	0.0	1.8	3.5	5.3	5.9	5.9	5.9	6.5	8.6	10.3	11.6
-75°	0.0	1.5	3.1	4.6	5.9	5.9	5.9	5.9	6.1	7.8	9.0
-77.5°	0.0	1.3	2.6	3.8	5.1	5.9	5.9	5.9	5.9	5.9	6.5
-80°	0.0	1.0	2.0	3.1	4.1	5.1	5.9	5.9	5.9	5.9	5.9
-82.5°	0.0	0.8	1.5	2.3	3.1	3.8	4.6	5.3	5.9	5.9	5.9
-85°	0.0	0.5	1.0	1.5	2.0	2.6	3.1	3.5	4.0	4.5	5.0
-87.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.3	2.5
-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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 CATALOG NUMBER: GFLD-SA6E-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.4	2.2	2.0	1.7	1.8	1.9	2.0	2.1	2.1	2.2	2.3
85°	4.8	4.4	3.8	3.4	3.5	3.8	4.0	4.1	4.3	4.5	4.7
82.5°	5.5	5.2	5.0	5.1	5.4	5.7	6.0	6.6	7.1	7.6	8.1
80°	5.8	5.9	6.7	7.6	8.4	9.2	10.0	10.7	11.5	12.6	14.1
77.5°	7.6	8.8	9.9	10.9	12.2	14.5	16.4	18.0	20.0	22.4	24.9
75°	10.3	11.6	14.5	17.7	20.7	23.0	25.1	28.3	32.2	36.5	40.6
72.5°	14.1	17.7	21.5	25.6	30.6	34.8	38.8	42.7	48.9	55.9	61.1
70°	19.4	23.7	29.8	36.5	42.8	48.3	56.3	65.9	75.6	80.5	83.4
67.5°	25.0	32.0	39.4	47.4	56.2	65.4	76.5	86.8	96.7	100.7	104.4
65°	32.4	40.4	49.6	59.4	69.5	80.5	91.9	103.4	113.8	119.0	125.0
62.5°	40.0	49.5	60.1	71.1	82.3	94.2	108.0	119.6	128.5	139.1	151.5
60°	49.2	58.7	70.6	82.8	95.8	112.4	126.2	139.1	151.0	163.1	181.7
57.5°	58.8	68.0	81.3	95.7	113.5	132.4	148.1	162.1	178.5	195.7	214.5
55°	69.4	77.6	92.6	110.5	130.8	153.3	171.7	190.8	209.8	225.2	241.9
52.5°	81.4	89.0	104.7	125.2	148.8	174.1	198.6	218.5	236.1	253.0	272.0
50°	94.1	103.6	116.4	141.0	167.3	195.9	223.7	243.7	263.7	283.6	304.9
47.5°	108.7	119.4	130.1	156.7	186.5	215.8	244.6	270.2	292.3	318.8	343.2
45°	124.7	137.2	148.7	173.4	204.1	233.9	265.8	296.6	327.8	359.0	398.1
42.5°	141.6	155.3	169.9	189.1	219.7	252.7	286.9	328.0	367.5	411.0	461.8
40°	158.1	173.2	190.7	208.0	235.1	271.9	313.7	359.7	415.4	471.7	533.2
37.5°	174.1	191.6	210.4	228.3	252.3	293.7	339.8	398.5	465.6	536.7	615.0
35°	189.8	209.2	228.4	249.5	276.4	316.6	373.4	440.0	520.6	610.4	682.0
32.5°	205.3	226.0	245.5	271.0	304.2	345.4	405.9	489.7	582.7	673.8	721.6
30°	224.5	241.2	262.5	291.3	331.3	383.8	449.4	539.9	645.5	707.7	752.2
27.5°	250.3	256.2	280.4	314.0	359.2	421.5	503.2	597.1	684.5	739.1	779.0
25°	275.6	281.8	297.1	336.9	392.7	466.1	557.9	664.9	716.9	763.0	809.2
22.5°	299.8	306.4	325.6	358.5	425.0	511.6	618.2	711.9	761.4	790.8	840.8
20°	322.6	332.7	356.3	394.5	458.2	554.7	676.7	755.5	802.6	837.9	884.0
17.5°	344.6	358.5	387.5	433.8	504.9	603.0	730.0	798.9	844.8	878.9	936.0
15°	365.8	383.7	417.4	470.6	548.5	654.7	765.5	834.5	883.9	917.4	984.2
12.5°	386.4	408.1	446.0	504.8	587.7	699.9	795.6	857.5	906.8	958.0	1027.0
10°	406.4	431.9	473.3	536.5	622.8	738.8	820.8	875.9	925.2	990.4	1062.3
7.5°	409.4	443.8	495.6	565.7	653.9	771.8	841.5	890.4	943.8	1020.1	1094.4
5°	409.5	442.9	497.3	573.3	668.7	791.2	856.0	901.3	961.8	1046.5	1123.0
2.5°	409.1	440.8	497.7	575.8	672.4	793.2	858.2	904.1	972.1	1072.4	1149.3
0°	408.5	437.8	496.6	576.0	672.9	790.5	858.1	905.1	978.5	1096.1	1172.5
-2.5°	409.1	440.8	497.7	575.8	672.4	793.2	858.2	904.1	972.1	1072.4	1149.3
-5°	409.5	442.9	497.3	573.3	668.7	791.2	856.0	901.3	961.8	1046.5	1123.0
-7.5°	409.4	443.8	495.6	565.7	653.9	771.8	841.5	890.4	943.8	1020.1	1094.4
-10°	406.4	431.9	473.3	536.5	622.8	738.8	820.8	875.9	925.2	990.4	1062.3
-12.5°	386.4	408.1	446.0	504.8	587.7	699.9	795.6	857.5	906.8	958.0	1027.0
-15°	365.8	383.7	417.4	470.6	548.5	654.7	765.5	834.5	883.9	917.4	984.2
-17.5°	344.6	358.5	387.5	433.8	504.9	603.0	730.0	798.9	844.8	878.9	936.0
-20°	322.6	332.7	356.3	394.5	458.2	554.7	676.7	755.5	802.6	837.9	884.0



REPORT NUMBER: P559233 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	299.8	306.4	325.6	358.5	425.0	511.6	618.2	711.9	761.4	790.8	840.8
-25°	275.6	281.8	297.1	336.9	392.7	466.1	557.9	664.9	716.9	763.0	809.2
-27.5°	250.3	256.2	280.4	314.0	359.2	421.5	503.2	597.1	684.5	739.1	779.0
-30°	224.5	241.2	262.5	291.3	331.3	383.8	449.4	539.9	645.5	707.7	752.2
-32.5°	205.3	226.0	245.5	271.0	304.2	345.4	405.9	489.7	582.7	673.8	721.6
-35°	189.8	209.2	228.4	249.5	276.4	316.6	373.4	440.0	520.6	610.4	682.0
-37.5°	174.1	191.6	210.4	228.3	252.3	293.7	339.8	398.5	465.6	536.7	615.0
-40°	158.1	173.2	190.7	208.0	235.1	271.9	313.7	359.7	415.4	471.7	533.2
-42.5°	141.6	155.3	169.9	189.1	219.7	252.7	286.9	328.0	367.5	411.0	461.8
-45°	124.7	137.2	148.7	173.4	204.1	233.9	265.8	296.6	327.8	359.0	398.1
-47.5°	108.7	119.4	130.1	156.7	186.5	215.8	244.6	270.2	292.3	318.8	343.2
-50°	94.1	103.6	116.4	141.0	167.3	195.9	223.7	243.7	263.7	283.6	304.9
-52.5°	81.4	89.0	104.7	125.2	148.8	174.1	198.6	218.5	236.1	253.0	272.0
-55°	69.4	77.6	92.6	110.5	130.8	153.3	171.7	190.8	209.8	225.2	241.9
-57.5°	58.8	68.0	81.3	95.7	113.5	132.4	148.1	162.1	178.5	195.7	214.5
-60°	49.2	58.7	70.6	82.8	95.8	112.4	126.2	139.1	151.0	163.1	181.7
-62.5°	40.0	49.5	60.1	71.1	82.3	94.2	108.0	119.6	128.5	139.1	151.5
-65°	32.4	40.4	49.6	59.4	69.5	80.5	91.9	103.4	113.8	119.0	125.0
-67.5°	25.0	32.0	39.4	47.4	56.2	65.4	76.5	86.8	96.7	100.7	104.4
-70°	19.4	23.7	29.8	36.5	42.8	48.3	56.3	65.9	75.6	80.5	83.4
-72.5°	14.1	17.7	21.5	25.6	30.6	34.8	38.8	42.7	48.9	55.9	61.1
-75°	10.3	11.6	14.5	17.7	20.7	23.0	25.1	28.3	32.2	36.5	40.6
-77.5°	7.6	8.8	9.9	10.9	12.2	14.5	16.4	18.0	20.0	22.4	24.9
-80°	5.8	5.9	6.7	7.6	8.4	9.2	10.0	10.7	11.5	12.6	14.1
-82.5°	5.5	5.2	5.0	5.1	5.4	5.7	6.0	6.6	7.1	7.6	8.1
-85°	4.8	4.4	3.8	3.4	3.5	3.8	4.0	4.1	4.3	4.5	4.7
-87.5°	2.4	2.2	2.0	1.7	1.8	1.9	2.0	2.1	2.1	2.2	2.3
-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: P559233 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-927-U-TSB-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°	2.4	2.4	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.8	2.9
85°	4.8	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.8
82.5°	8.6	9.0	9.4	9.8	10.1	10.4	10.7	11.0	11.2	11.4	11.5
80°	15.7	17.0	17.9	18.6	19.1	21.2	23.8	26.5	29.3	30.3	31.0
77.5°	28.0	30.0	31.3	32.3	33.0	37.5	43.5	49.6	56.0	59.3	62.0
75°	44.6	47.1	48.6	49.7	50.4	57.5	67.9	78.8	90.2	96.1	100.3
72.5°	64.5	66.5	68.1	69.5	70.4	80.8	99.6	120.0	141.8	155.1	164.7
70°	86.0	88.3	90.2	91.8	92.9	105.4	132.7	161.3	190.8	220.3	251.8
67.5°	108.7	113.6	116.1	117.6	119.2	129.7	158.8	185.6	210.5	263.9	348.0
65°	133.5	144.8	149.5	152.2	153.2	158.0	182.9	205.3	225.5	267.2	331.3
62.5°	165.1	180.0	186.9	189.9	191.7	192.0	212.4	231.2	248.4	274.4	315.2
60°	199.1	215.3	223.7	226.1	227.5	228.2	244.3	262.9	280.2	301.3	339.4
57.5°	230.3	245.4	258.0	262.9	266.8	269.5	283.8	305.6	326.1	347.3	388.2
55°	260.0	278.3	295.7	305.3	314.3	322.3	336.3	363.9	390.2	415.0	457.5
52.5°	292.5	315.9	339.2	356.6	373.6	388.6	403.7	439.4	474.5	507.6	548.9
50°	331.2	360.2	394.1	422.6	447.0	471.1	492.7	535.0	582.5	627.7	671.1
47.5°	380.3	418.6	461.8	502.4	535.6	573.0	606.8	650.3	692.3	734.3	770.2
45°	440.6	493.6	543.4	597.3	644.7	669.4	689.0	716.1	759.3	800.5	834.1
42.5°	517.7	579.3	640.7	680.8	711.3	731.3	745.6	759.9	805.1	844.9	877.4
40°	603.5	665.4	703.2	736.1	757.2	775.1	797.4	819.5	855.0	895.8	931.9
37.5°	677.8	717.6	750.8	776.6	802.1	825.8	858.1	889.9	923.7	969.5	1003.0
35°	723.6	758.5	792.3	824.6	857.3	893.9	934.2	980.9	1022.3	984.7	930.2
32.5°	758.5	794.3	835.2	885.1	930.1	980.0	1030.6	949.3	866.1	833.5	840.2
30°	789.0	830.5	886.8	952.0	1014.5	992.2	881.2	842.4	853.8	876.6	920.6
27.5°	821.6	873.4	941.7	1022.0	972.8	849.9	856.4	878.9	955.0	1019.6	1117.6
25°	860.1	922.6	1007.6	970.5	857.9	869.5	926.5	1012.4	1157.3	1292.5	1410.7
22.5°	906.5	986.2	997.4	858.0	873.3	947.8	1063.3	1249.4	1425.5	1588.9	1710.8
20°	953.7	1045.6	904.3	874.8	940.2	1073.2	1287.8	1501.4	1697.9	1844.1	1966.2
17.5°	1010.2	977.7	877.7	909.1	1041.4	1271.0	1512.6	1739.0	1924.4	2177.0	2392.1
15°	1059.7	912.4	893.8	997.3	1196.3	1454.7	1717.1	1920.5	2255.5	2617.5	2983.7
12.5°	1031.3	889.2	922.5	1075.8	1337.4	1616.7	1848.7	2170.7	2613.9	3142.7	3937.4
10°	989.3	902.2	983.9	1184.4	1458.2	1730.3	1971.3	2393.4	2978.2	3949.5	5200.9
7.5°	956.8	907.8	1024.4	1267.8	1548.0	1798.9	2120.2	2632.1	3447.2	4779.8	7444.0
5°	932.1	907.6	1042.9	1316.1	1601.3	1846.2	2212.0	2805.6	3906.8	5805.3	10358.0
2.5°	921.2	902.9	1048.0	1342.0	1627.3	1872.6	2269.1	2930.3	4196.8	6758.1	13620.2
0°	928.6	893.3	1046.1	1351.7	1642.6	1868.9	2277.4	2967.9	4284.4	7109.8	14058.0
-2.5°	921.2	902.9	1048.0	1342.0	1627.3	1872.6	2269.1	2930.3	4196.8	6758.1	13620.2
-5°	932.1	907.6	1042.9	1316.1	1601.3	1846.2	2212.0	2805.6	3906.8	5805.3	10358.0
-7.5°	956.8	907.8	1024.4	1267.8	1548.0	1798.9	2120.2	2632.1	3447.2	4779.8	7444.0
-10°	989.3	902.2	983.9	1184.4	1458.2	1730.3	1971.3	2393.4	2978.2	3949.5	5200.9
-12.5°	1031.3	889.2	922.5	1075.8	1337.4	1616.7	1848.7	2170.7	2613.9	3142.7	3937.4
-15°	1059.7	912.4	893.8	997.3	1196.3	1454.7	1717.1	1920.5	2255.5	2617.5	2983.7
-17.5°	1010.2	977.7	877.7	909.1	1041.4	1271.0	1512.6	1739.0	1924.4	2177.0	2392.1
-20°	953.7	1045.6	904.3	874.8	940.2	1073.2	1287.8	1501.4	1697.9	1844.1	1966.2



REPORT NUMBER: P559233 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	906.5	986.2	997.4	858.0	873.3	947.8	1063.3	1249.4	1425.5	1588.9	1710.8
-25°	860.1	922.6	1007.6	970.5	857.9	869.5	926.5	1012.4	1157.3	1292.5	1410.7
-27.5°	821.6	873.4	941.7	1022.0	972.8	849.9	856.4	878.9	955.0	1019.6	1117.6
-30°	789.0	830.5	886.8	952.0	1014.5	992.2	881.2	842.4	853.8	876.6	920.6
-32.5°	758.5	794.3	835.2	885.1	930.1	980.0	1030.6	949.3	866.1	833.5	840.2
-35°	723.6	758.5	792.3	824.6	857.3	893.9	934.2	980.9	1022.3	984.7	930.2
-37.5°	677.8	717.6	750.8	776.6	802.1	825.8	858.1	889.9	923.7	969.5	1003.0
-40°	603.5	665.4	703.2	736.1	757.2	775.1	797.4	819.5	855.0	895.8	931.9
-42.5°	517.7	579.3	640.7	680.8	711.3	731.3	745.6	759.9	805.1	844.9	877.4
-45°	440.6	493.6	543.4	597.3	644.7	669.4	689.0	716.1	759.3	800.5	834.1
-47.5°	380.3	418.6	461.8	502.4	535.6	573.0	606.8	650.3	692.3	734.3	770.2
-50°	331.2	360.2	394.1	422.6	447.0	471.1	492.7	535.0	582.5	627.7	671.1
-52.5°	292.5	315.9	339.2	356.6	373.6	388.6	403.7	439.4	474.5	507.6	548.9
-55°	260.0	278.3	295.7	305.3	314.3	322.3	336.3	363.9	390.2	415.0	457.5
-57.5°	230.3	245.4	258.0	262.9	266.8	269.5	283.8	305.6	326.1	347.3	388.2
-60°	199.1	215.3	223.7	226.1	227.5	228.2	244.3	262.9	280.2	301.3	339.4
-62.5°	165.1	180.0	186.9	189.9	191.7	192.0	212.4	231.2	248.4	274.4	315.2
-65°	133.5	144.8	149.5	152.2	153.2	158.0	182.9	205.3	225.5	267.2	331.3
-67.5°	108.7	113.6	116.1	117.6	119.2	129.7	158.8	185.6	210.5	263.9	348.0
-70°	86.0	88.3	90.2	91.8	92.9	105.4	132.7	161.3	190.8	220.3	251.8
-72.5°	64.5	66.5	68.1	69.5	70.4	80.8	99.6	120.0	141.8	155.1	164.7
-75°	44.6	47.1	48.6	49.7	50.4	57.5	67.9	78.8	90.2	96.1	100.3
-77.5°	28.0	30.0	31.3	32.3	33.0	37.5	43.5	49.6	56.0	59.3	62.0
-80°	15.7	17.0	17.9	18.6	19.1	21.2	23.8	26.5	29.3	30.3	31.0
-82.5°	8.6	9.0	9.4	9.8	10.1	10.4	10.7	11.0	11.2	11.4	11.5
-85°	4.8	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.8
-87.5°	2.4	2.4	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.8	2.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559233 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-927-U-TSB-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°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8
85°	5.8	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.7	5.6
82.5°	11.6	11.7	11.8	11.8	11.8	11.7	11.6	11.5	11.4	11.2	11.0
80°	31.6	32.0	30.8	29.4	30.8	32.0	31.6	31.0	30.3	29.3	26.5
77.5°	64.6	66.8	64.6	61.7	64.6	66.8	64.6	62.0	59.3	56.0	49.6
75°	104.2	107.6	105.6	102.8	105.6	107.6	104.2	100.3	96.1	90.2	78.8
72.5°	173.9	182.4	180.4	176.3	180.4	182.4	173.9	164.7	155.1	141.8	120.0
70°	284.8	318.2	316.8	308.5	316.8	318.2	284.8	251.8	220.3	190.8	161.3
67.5°	439.1	533.8	563.9	578.9	563.9	533.8	439.1	348.0	263.9	210.5	185.6
65°	391.1	448.3	471.0	487.8	471.0	448.3	391.1	331.3	267.2	225.5	205.3
62.5°	351.7	385.7	393.0	393.8	393.0	385.7	351.7	315.2	274.4	248.4	231.2
60°	376.4	412.5	417.9	411.4	417.9	412.5	376.4	339.4	301.3	280.2	262.9
57.5°	427.5	465.3	472.3	464.3	472.3	465.3	427.5	388.2	347.3	326.1	305.6
55°	498.2	536.3	549.0	546.6	549.0	536.3	498.2	457.5	415.0	390.2	363.9
52.5°	588.3	623.5	638.0	637.7	638.0	623.5	588.3	548.9	507.6	474.5	439.4
50°	708.9	740.3	755.9	758.1	755.9	740.3	708.9	671.1	627.7	582.5	535.0
47.5°	795.8	816.5	827.3	828.7	827.3	816.5	795.8	770.2	734.3	692.3	650.3
45°	849.1	860.2	868.6	875.7	868.6	860.2	849.1	834.1	800.5	759.3	716.1
42.5°	899.1	922.3	939.4	943.3	939.4	922.3	899.1	877.4	844.9	805.1	759.9
40°	966.2	998.1	1028.8	1060.8	1028.8	998.1	966.2	931.9	895.8	855.0	819.5
37.5°	1037.9	1073.5	1103.0	1119.6	1103.0	1073.5	1037.9	1003.0	969.5	923.7	889.9
35°	891.9	868.6	854.7	849.2	854.7	868.6	891.9	930.2	984.7	1022.3	980.9
32.5°	844.1	845.8	843.1	837.5	843.1	845.8	844.1	840.2	833.5	866.1	949.3
30°	953.2	968.7	970.6	969.7	970.6	968.7	953.2	920.6	876.6	853.8	842.4
27.5°	1190.0	1229.7	1242.0	1266.5	1242.0	1229.7	1190.0	1117.6	1019.6	955.0	878.9
25°	1502.2	1562.2	1590.9	1601.5	1590.9	1562.2	1502.2	1410.7	1292.5	1157.3	1012.4
22.5°	1779.8	1825.5	1852.2	1874.8	1852.2	1825.5	1779.8	1710.8	1588.9	1425.5	1249.4
20°	2108.6	2192.1	2230.4	2233.3	2230.4	2192.1	2108.6	1966.2	1844.1	1697.9	1501.4
17.5°	2622.0	2784.6	2865.7	2888.6	2865.7	2784.6	2622.0	2392.1	2177.0	1924.4	1739.0
15°	3432.0	3846.8	4060.2	4161.0	4060.2	3846.8	3432.0	2983.7	2617.5	2255.5	1920.5
12.5°	4753.3	5688.5	6444.6	6729.3	6444.6	5688.5	4753.3	3937.4	3142.7	2613.9	2170.7
10°	7371.3	10163.9	13426.4	14948.4	13426.4	10163.9	7371.3	5200.9	3949.5	2978.2	2393.4
7.5°	14260.5	33110.2	64173.3	78991.0	64173.3	33110.2	14260.5	7444.0	4779.8	3447.2	2632.1
5°	30396.6	131182.4	234931.3	275946.9	234931.3	131182.4	30396.6	10358.0	5805.3	3906.8	2805.6
2.5°	48415.3	215156.3	405965.3	474692.3	405965.3	215156.3	48415.3	13620.2	6758.1	4196.8	2930.3
0°	57846.7	226735.1	447973.6	516548.9	447973.6	226735.1	57846.7	14058.0	7109.8	4284.4	2967.9
-2.5°	48415.3	215156.3	405965.3	474692.3	405965.3	215156.3	48415.3	13620.2	6758.1	4196.8	2930.3
-5°	30396.6	131182.4	234931.3	275946.9	234931.3	131182.4	30396.6	10358.0	5805.3	3906.8	2805.6
-7.5°	14260.5	33110.2	64173.3	78991.0	64173.3	33110.2	14260.5	7444.0	4779.8	3447.2	2632.1
-10°	7371.3	10163.9	13426.4	14948.4	13426.4	10163.9	7371.3	5200.9	3949.5	2978.2	2393.4
-12.5°	4753.3	5688.5	6444.6	6729.3	6444.6	5688.5	4753.3	3937.4	3142.7	2613.9	2170.7
-15°	3432.0	3846.8	4060.2	4161.0	4060.2	3846.8	3432.0	2983.7	2617.5	2255.5	1920.5
-17.5°	2622.0	2784.6	2865.7	2888.6	2865.7	2784.6	2622.0	2392.1	2177.0	1924.4	1739.0
-20°	2108.6	2192.1	2230.4	2233.3	2230.4	2192.1	2108.6	1966.2	1844.1	1697.9	1501.4



REPORT NUMBER: P559233 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1779.8	1825.5	1852.2	1874.8	1852.2	1825.5	1779.8	1710.8	1588.9	1425.5	1249.4
-25°	1502.2	1562.2	1590.9	1601.5	1590.9	1562.2	1502.2	1410.7	1292.5	1157.3	1012.4
-27.5°	1190.0	1229.7	1242.0	1266.5	1242.0	1229.7	1190.0	1117.6	1019.6	955.0	878.9
-30°	953.2	968.7	970.6	969.7	970.6	968.7	953.2	920.6	876.6	853.8	842.4
-32.5°	844.1	845.8	843.1	837.5	843.1	845.8	844.1	840.2	833.5	866.1	949.3
-35°	891.9	868.6	854.7	849.2	854.7	868.6	891.9	930.2	984.7	1022.3	980.9
-37.5°	1037.9	1073.5	1103.0	1119.6	1103.0	1073.5	1037.9	1003.0	969.5	923.7	889.9
-40°	966.2	998.1	1028.8	1060.8	1028.8	998.1	966.2	931.9	895.8	855.0	819.5
-42.5°	899.1	922.3	939.4	943.3	939.4	922.3	899.1	877.4	844.9	805.1	759.9
-45°	849.1	860.2	868.6	875.7	868.6	860.2	849.1	834.1	800.5	759.3	716.1
-47.5°	795.8	816.5	827.3	828.7	827.3	816.5	795.8	770.2	734.3	692.3	650.3
-50°	708.9	740.3	755.9	758.1	755.9	740.3	708.9	671.1	627.7	582.5	535.0
-52.5°	588.3	623.5	638.0	637.7	638.0	623.5	588.3	548.9	507.6	474.5	439.4
-55°	498.2	536.3	549.0	546.6	549.0	536.3	498.2	457.5	415.0	390.2	363.9
-57.5°	427.5	465.3	472.3	464.3	472.3	465.3	427.5	388.2	347.3	326.1	305.6
-60°	376.4	412.5	417.9	411.4	417.9	412.5	376.4	339.4	301.3	280.2	262.9
-62.5°	351.7	385.7	393.0	393.8	393.0	385.7	351.7	315.2	274.4	248.4	231.2
-65°	391.1	448.3	471.0	487.8	471.0	448.3	391.1	331.3	267.2	225.5	205.3
-67.5°	439.1	533.8	563.9	578.9	563.9	533.8	439.1	348.0	263.9	210.5	185.6
-70°	284.8	318.2	316.8	308.5	316.8	318.2	284.8	251.8	220.3	190.8	161.3
-72.5°	173.9	182.4	180.4	176.3	180.4	182.4	173.9	164.7	155.1	141.8	120.0
-75°	104.2	107.6	105.6	102.8	105.6	107.6	104.2	100.3	96.1	90.2	78.8
-77.5°	64.6	66.8	64.6	61.7	64.6	66.8	64.6	62.0	59.3	56.0	49.6
-80°	31.6	32.0	30.8	29.4	30.8	32.0	31.6	31.0	30.3	29.3	26.5
-82.5°	11.6	11.7	11.8	11.8	11.8	11.7	11.6	11.5	11.4	11.2	11.0
-85°	5.8	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.7	5.6
-87.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8
-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: P559233 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-927-U-TSB-XX

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°	2.7	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.1
85°	5.5	5.4	5.3	5.2	5.1	5.0	4.8	4.7	4.5	4.3	4.1
82.5°	10.7	10.4	10.1	9.8	9.4	9.0	8.6	8.1	7.6	7.1	6.6
80°	23.8	21.2	19.1	18.6	17.9	17.0	15.7	14.1	12.6	11.5	10.7
77.5°	43.5	37.5	33.0	32.3	31.3	30.0	28.0	24.9	22.4	20.0	18.0
75°	67.9	57.5	50.4	49.7	48.6	47.1	44.6	40.6	36.5	32.2	28.3
72.5°	99.6	80.8	70.4	69.5	68.1	66.5	64.5	61.1	55.9	48.9	42.7
70°	132.7	105.4	92.9	91.8	90.2	88.3	86.0	83.4	80.5	75.6	65.9
67.5°	158.8	129.7	119.2	117.6	116.1	113.6	108.7	104.4	100.7	96.7	86.8
65°	182.9	158.0	153.2	152.2	149.5	144.8	133.5	125.0	119.0	113.8	103.4
62.5°	212.4	192.0	191.7	189.9	186.9	180.0	165.1	151.5	139.1	128.5	119.6
60°	244.3	228.2	227.5	226.1	223.7	215.3	199.1	181.7	163.1	151.0	139.1
57.5°	283.8	269.5	266.8	262.9	258.0	245.4	230.3	214.5	195.7	178.5	162.1
55°	336.3	322.3	314.3	305.3	295.7	278.3	260.0	241.9	225.2	209.8	190.8
52.5°	403.7	388.6	373.6	356.6	339.2	315.9	292.5	272.0	253.0	236.1	218.5
50°	492.7	471.1	447.0	422.6	394.1	360.2	331.2	304.9	283.6	263.7	243.7
47.5°	606.8	573.0	535.6	502.4	461.8	418.6	380.3	343.2	318.8	292.3	270.2
45°	689.0	669.4	644.7	597.3	543.4	493.6	440.6	398.1	359.0	327.8	296.6
42.5°	745.6	731.3	711.3	680.8	640.7	579.3	517.7	461.8	411.0	367.5	328.0
40°	797.4	775.1	757.2	736.1	703.2	665.4	603.5	533.2	471.7	415.4	359.7
37.5°	858.1	825.8	802.1	776.6	750.8	717.6	677.8	615.0	536.7	465.6	398.5
35°	934.2	893.9	857.3	824.6	792.3	758.5	723.6	682.0	610.4	520.6	440.0
32.5°	1030.6	980.0	930.1	885.1	835.2	794.3	758.5	721.6	673.8	582.7	489.7
30°	881.2	992.2	1014.5	952.0	886.8	830.5	789.0	752.2	707.7	645.5	539.9
27.5°	856.4	849.9	972.8	1022.0	941.7	873.4	821.6	779.0	739.1	684.5	597.1
25°	926.5	869.5	857.9	970.5	1007.6	922.6	860.1	809.2	763.0	716.9	664.9
22.5°	1063.3	947.8	873.3	858.0	997.4	986.2	906.5	840.8	790.8	761.4	711.9
20°	1287.8	1073.2	940.2	874.8	904.3	1045.6	953.7	884.0	837.9	802.6	755.5
17.5°	1512.6	1271.0	1041.4	909.1	877.7	977.7	1010.2	936.0	878.9	844.8	798.9
15°	1717.1	1454.7	1196.3	997.3	893.8	912.4	1059.7	984.2	917.4	883.9	834.5
12.5°	1848.7	1616.7	1337.4	1075.8	922.5	889.2	1031.3	1027.0	958.0	906.8	857.5
10°	1971.3	1730.3	1458.2	1184.4	983.9	902.2	989.3	1062.3	990.4	925.2	875.9
7.5°	2120.2	1798.9	1548.0	1267.8	1024.4	907.8	956.8	1094.4	1020.1	943.8	890.4
5°	2212.0	1846.2	1601.3	1316.1	1042.9	907.6	932.1	1123.0	1046.5	961.8	901.3
2.5°	2269.1	1872.6	1627.3	1342.0	1048.0	902.9	921.2	1149.3	1072.4	972.1	904.1
0°	2277.4	1868.9	1642.6	1351.7	1046.1	893.3	928.6	1172.5	1096.1	978.5	905.1
-2.5°	2269.1	1872.6	1627.3	1342.0	1048.0	902.9	921.2	1149.3	1072.4	972.1	904.1
-5°	2212.0	1846.2	1601.3	1316.1	1042.9	907.6	932.1	1123.0	1046.5	961.8	901.3
-7.5°	2120.2	1798.9	1548.0	1267.8	1024.4	907.8	956.8	1094.4	1020.1	943.8	890.4
-10°	1971.3	1730.3	1458.2	1184.4	983.9	902.2	989.3	1062.3	990.4	925.2	875.9
-12.5°	1848.7	1616.7	1337.4	1075.8	922.5	889.2	1031.3	1027.0	958.0	906.8	857.5
-15°	1717.1	1454.7	1196.3	997.3	893.8	912.4	1059.7	984.2	917.4	883.9	834.5
-17.5°	1512.6	1271.0	1041.4	909.1	877.7	977.7	1010.2	936.0	878.9	844.8	798.9
-20°	1287.8	1073.2	940.2	874.8	904.3	1045.6	953.7	884.0	837.9	802.6	755.5



REPORT NUMBER: P559233 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1063.3	947.8	873.3	858.0	997.4	986.2	906.5	840.8	790.8	761.4	711.9
-25°	926.5	869.5	857.9	970.5	1007.6	922.6	860.1	809.2	763.0	716.9	664.9
-27.5°	856.4	849.9	972.8	1022.0	941.7	873.4	821.6	779.0	739.1	684.5	597.1
-30°	881.2	992.2	1014.5	952.0	886.8	830.5	789.0	752.2	707.7	645.5	539.9
-32.5°	1030.6	980.0	930.1	885.1	835.2	794.3	758.5	721.6	673.8	582.7	489.7
-35°	934.2	893.9	857.3	824.6	792.3	758.5	723.6	682.0	610.4	520.6	440.0
-37.5°	858.1	825.8	802.1	776.6	750.8	717.6	677.8	615.0	536.7	465.6	398.5
-40°	797.4	775.1	757.2	736.1	703.2	665.4	603.5	533.2	471.7	415.4	359.7
-42.5°	745.6	731.3	711.3	680.8	640.7	579.3	517.7	461.8	411.0	367.5	328.0
-45°	689.0	669.4	644.7	597.3	543.4	493.6	440.6	398.1	359.0	327.8	296.6
-47.5°	606.8	573.0	535.6	502.4	461.8	418.6	380.3	343.2	318.8	292.3	270.2
-50°	492.7	471.1	447.0	422.6	394.1	360.2	331.2	304.9	283.6	263.7	243.7
-52.5°	403.7	388.6	373.6	356.6	339.2	315.9	292.5	272.0	253.0	236.1	218.5
-55°	336.3	322.3	314.3	305.3	295.7	278.3	260.0	241.9	225.2	209.8	190.8
-57.5°	283.8	269.5	266.8	262.9	258.0	245.4	230.3	214.5	195.7	178.5	162.1
-60°	244.3	228.2	227.5	226.1	223.7	215.3	199.1	181.7	163.1	151.0	139.1
-62.5°	212.4	192.0	191.7	189.9	186.9	180.0	165.1	151.5	139.1	128.5	119.6
-65°	182.9	158.0	153.2	152.2	149.5	144.8	133.5	125.0	119.0	113.8	103.4
-67.5°	158.8	129.7	119.2	117.6	116.1	113.6	108.7	104.4	100.7	96.7	86.8
-70°	132.7	105.4	92.9	91.8	90.2	88.3	86.0	83.4	80.5	75.6	65.9
-72.5°	99.6	80.8	70.4	69.5	68.1	66.5	64.5	61.1	55.9	48.9	42.7
-75°	67.9	57.5	50.4	49.7	48.6	47.1	44.6	40.6	36.5	32.2	28.3
-77.5°	43.5	37.5	33.0	32.3	31.3	30.0	28.0	24.9	22.4	20.0	18.0
-80°	23.8	21.2	19.1	18.6	17.9	17.0	15.7	14.1	12.6	11.5	10.7
-82.5°	10.7	10.4	10.1	9.8	9.4	9.0	8.6	8.1	7.6	7.1	6.6
-85°	5.5	5.4	5.3	5.2	5.1	5.0	4.8	4.7	4.5	4.3	4.1
-87.5°	2.7	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.1
-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: P559233 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-927-U-TSB-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°	2.0	1.9	1.8	1.7	2.0	2.2	2.4	2.5	2.3	2.0	1.8
85°	4.0	3.8	3.5	3.4	3.8	4.4	4.8	5.0	4.5	4.0	3.5
82.5°	6.0	5.7	5.4	5.1	5.0	5.2	5.5	5.9	5.9	5.9	5.3
80°	10.0	9.2	8.4	7.6	6.7	5.9	5.8	5.9	5.9	5.9	5.9
77.5°	16.4	14.5	12.2	10.9	9.9	8.8	7.6	6.5	5.9	5.9	5.9
75°	25.1	23.0	20.7	17.7	14.5	11.6	10.3	9.0	7.8	6.1	5.9
72.5°	38.8	34.8	30.6	25.6	21.5	17.7	14.1	11.6	10.3	8.6	6.5
70°	56.3	48.3	42.8	36.5	29.8	23.7	19.4	16.1	13.0	11.2	8.9
67.5°	76.5	65.4	56.2	47.4	39.4	32.0	25.0	21.1	17.7	13.8	11.3
65°	91.9	80.5	69.5	59.4	49.6	40.4	32.4	26.9	22.5	18.2	13.7
62.5°	108.0	94.2	82.3	71.1	60.1	49.5	40.0	34.6	27.8	22.6	17.3
60°	126.2	112.4	95.8	82.8	70.6	58.7	49.2	42.3	35.1	27.1	21.3
57.5°	148.1	132.4	113.5	95.7	81.3	68.0	58.8	51.2	42.6	33.4	25.4
55°	171.7	153.3	130.8	110.5	92.6	77.6	69.4	60.7	50.4	40.3	29.7
52.5°	198.6	174.1	148.8	125.2	104.7	89.0	81.4	70.5	59.5	47.2	36.3
50°	223.7	195.9	167.3	141.0	116.4	103.6	94.1	82.3	68.7	54.5	43.4
47.5°	244.6	215.8	186.5	156.7	130.1	119.4	108.7	94.7	78.0	63.0	50.7
45°	265.8	233.9	204.1	173.4	148.7	137.2	124.7	107.5	89.7	73.0	58.3
42.5°	286.9	252.7	219.7	189.1	169.9	155.3	141.6	122.7	101.7	83.5	66.9
40°	313.7	271.9	235.1	208.0	190.7	173.2	158.1	138.8	114.2	95.1	76.4
37.5°	339.8	293.7	252.3	228.3	210.4	191.6	174.1	155.3	129.9	108.2	86.0
35°	373.4	316.6	276.4	249.5	228.4	209.2	189.8	171.4	148.1	121.5	95.8
32.5°	405.9	345.4	304.2	271.0	245.5	226.0	205.3	191.6	167.0	135.0	105.8
30°	449.4	383.8	331.3	291.3	262.5	241.2	224.5	214.3	186.5	148.5	116.1
27.5°	503.2	421.5	359.2	314.0	280.4	256.2	250.3	239.4	206.6	163.1	127.2
25°	557.9	466.1	392.7	336.9	297.1	281.8	275.6	266.4	227.4	179.6	138.2
22.5°	618.2	511.6	425.0	358.5	325.6	306.4	299.8	289.4	249.5	196.1	149.0
20°	676.7	554.7	458.2	394.5	356.3	332.7	322.6	311.9	272.4	212.4	159.5
17.5°	730.0	603.0	504.9	433.8	387.5	358.5	344.6	334.1	296.0	228.5	169.7
15°	765.5	654.7	548.5	470.6	417.4	383.7	365.8	355.8	319.8	244.2	177.0
12.5°	795.6	699.9	587.7	504.8	446.0	408.1	386.4	377.0	343.7	254.4	180.8
10°	820.8	738.8	622.8	536.5	473.3	431.9	406.4	392.1	352.8	259.6	184.2
7.5°	841.5	771.8	653.9	565.7	495.6	443.8	409.4	394.7	358.3	263.4	187.0
5°	856.0	791.2	668.7	573.3	497.3	442.9	409.5	396.9	362.1	266.0	189.1
2.5°	858.2	793.2	672.4	575.8	497.7	440.8	409.1	398.6	364.1	267.3	190.5
0°	858.1	790.5	672.9	576.0	496.6	437.8	408.5	399.6	364.4	267.4	191.0
-2.5°	858.2	793.2	672.4	575.8	497.7	440.8	409.1	398.6	364.1	267.3	190.5
-5°	856.0	791.2	668.7	573.3	497.3	442.9	409.5	396.9	362.1	266.0	189.1
-7.5°	841.5	771.8	653.9	565.7	495.6	443.8	409.4	394.7	358.3	263.4	187.0
-10°	820.8	738.8	622.8	536.5	473.3	431.9	406.4	392.1	352.8	259.6	184.2
-12.5°	795.6	699.9	587.7	504.8	446.0	408.1	386.4	377.0	343.7	254.4	180.8
-15°	765.5	654.7	548.5	470.6	417.4	383.7	365.8	355.8	319.8	244.2	177.0
-17.5°	730.0	603.0	504.9	433.8	387.5	358.5	344.6	334.1	296.0	228.5	169.7
-20°	676.7	554.7	458.2	394.5	356.3	332.7	322.6	311.9	272.4	212.4	159.5



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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°	618.2	511.6	425.0	358.5	325.6	306.4	299.8	289.4	249.5	196.1	149.0
-25°	557.9	466.1	392.7	336.9	297.1	281.8	275.6	266.4	227.4	179.6	138.2
-27.5°	503.2	421.5	359.2	314.0	280.4	256.2	250.3	239.4	206.6	163.1	127.2
-30°	449.4	383.8	331.3	291.3	262.5	241.2	224.5	214.3	186.5	148.5	116.1
-32.5°	405.9	345.4	304.2	271.0	245.5	226.0	205.3	191.6	167.0	135.0	105.8
-35°	373.4	316.6	276.4	249.5	228.4	209.2	189.8	171.4	148.1	121.5	95.8
-37.5°	339.8	293.7	252.3	228.3	210.4	191.6	174.1	155.3	129.9	108.2	86.0
-40°	313.7	271.9	235.1	208.0	190.7	173.2	158.1	138.8	114.2	95.1	76.4
-42.5°	286.9	252.7	219.7	189.1	169.9	155.3	141.6	122.7	101.7	83.5	66.9
-45°	265.8	233.9	204.1	173.4	148.7	137.2	124.7	107.5	89.7	73.0	58.3
-47.5°	244.6	215.8	186.5	156.7	130.1	119.4	108.7	94.7	78.0	63.0	50.7
-50°	223.7	195.9	167.3	141.0	116.4	103.6	94.1	82.3	68.7	54.5	43.4
-52.5°	198.6	174.1	148.8	125.2	104.7	89.0	81.4	70.5	59.5	47.2	36.3
-55°	171.7	153.3	130.8	110.5	92.6	77.6	69.4	60.7	50.4	40.3	29.7
-57.5°	148.1	132.4	113.5	95.7	81.3	68.0	58.8	51.2	42.6	33.4	25.4
-60°	126.2	112.4	95.8	82.8	70.6	58.7	49.2	42.3	35.1	27.1	21.3
-62.5°	108.0	94.2	82.3	71.1	60.1	49.5	40.0	34.6	27.8	22.6	17.3
-65°	91.9	80.5	69.5	59.4	49.6	40.4	32.4	26.9	22.5	18.2	13.7
-67.5°	76.5	65.4	56.2	47.4	39.4	32.0	25.0	21.1	17.7	13.8	11.3
-70°	56.3	48.3	42.8	36.5	29.8	23.7	19.4	16.1	13.0	11.2	8.9
-72.5°	38.8	34.8	30.6	25.6	21.5	17.7	14.1	11.6	10.3	8.6	6.5
-75°	25.1	23.0	20.7	17.7	14.5	11.6	10.3	9.0	7.8	6.1	5.9
-77.5°	16.4	14.5	12.2	10.9	9.9	8.8	7.6	6.5	5.9	5.9	5.9
-80°	10.0	9.2	8.4	7.6	6.7	5.9	5.8	5.9	5.9	5.9	5.9
-82.5°	6.0	5.7	5.4	5.1	5.0	5.2	5.5	5.9	5.9	5.9	5.3
-85°	4.0	3.8	3.5	3.4	3.8	4.4	4.8	5.0	4.5	4.0	3.5
-87.5°	2.0	1.9	1.8	1.7	2.0	2.2	2.4	2.5	2.3	2.0	1.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
85°	3.1	2.6	2.0	1.5	1.0	0.5	0.0
82.5°	4.6	3.8	3.1	2.3	1.5	0.8	0.0
80°	5.9	5.1	4.1	3.1	2.0	1.0	0.0
77.5°	5.9	5.9	5.1	3.8	2.6	1.3	0.0
75°	5.9	5.9	5.9	4.6	3.1	1.5	0.0
72.5°	5.9	5.9	5.9	5.3	3.5	1.8	0.0
70°	6.2	5.9	5.9	5.9	4.0	2.0	0.0
67.5°	8.4	5.9	5.9	5.9	4.5	2.3	0.0
65°	10.6	6.9	5.9	5.9	5.0	2.5	0.0
62.5°	12.8	8.8	5.9	5.9	5.4	2.7	0.0
60°	15.0	10.7	5.9	5.9	5.9	2.9	0.0
57.5°	18.8	12.7	7.4	5.9	5.9	3.2	0.0
55°	22.8	14.6	9.0	5.9	6.0	3.4	0.0
52.5°	27.0	16.7	10.5	5.9	6.0	3.6	0.0
50°	31.2	20.4	12.1	5.9	6.1	3.8	0.0
47.5°	35.9	24.1	13.5	6.2	6.2	4.0	0.0
45°	42.4	27.9	15.0	7.3	6.2	4.2	0.0
42.5°	49.1	31.6	16.4	8.3	6.3	4.3	0.0
40°	55.9	35.4	18.6	9.4	6.4	4.5	0.0
37.5°	62.7	39.1	21.5	10.4	6.6	4.7	0.0
35°	69.5	44.0	24.3	11.3	6.7	4.8	0.0
32.5°	76.8	49.3	27.1	12.0	6.8	5.0	0.0
30°	84.8	54.6	29.7	12.7	7.0	5.1	0.0
27.5°	92.7	59.8	31.5	13.3	7.1	5.2	0.0
25°	100.5	64.8	32.8	13.8	7.3	5.3	0.0
22.5°	108.2	68.8	33.9	14.3	7.4	5.5	0.0
20°	115.7	70.2	34.7	14.6	7.6	5.5	0.0
17.5°	119.6	71.1	35.2	14.8	7.7	5.6	0.0
15°	121.0	71.5	35.4	15.0	7.9	5.7	0.0
12.5°	121.8	71.4	35.4	15.1	8.1	5.8	0.0
10°	122.1	70.9	35.2	15.1	8.2	5.8	0.0
7.5°	121.9	69.9	34.7	15.1	8.4	5.8	0.0
5°	121.0	68.5	34.1	15.0	8.5	5.9	0.0
2.5°	119.6	66.7	33.3	14.9	8.7	5.9	0.0
0°	117.5	64.6	32.3	14.7	8.8	5.9	0.0
-2.5°	119.6	66.7	33.3	14.9	8.7	5.9	0.0
-5°	121.0	68.5	34.1	15.0	8.5	5.9	0.0
-7.5°	121.9	69.9	34.7	15.1	8.4	5.8	0.0
-10°	122.1	70.9	35.2	15.1	8.2	5.8	0.0
-12.5°	121.8	71.4	35.4	15.1	8.1	5.8	0.0
-15°	121.0	71.5	35.4	15.0	7.9	5.7	0.0
-17.5°	119.6	71.1	35.2	14.8	7.7	5.6	0.0
-20°	115.7	70.2	34.7	14.6	7.6	5.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	108.2	68.8	33.9	14.3	7.4	5.5	0.0
-25°	100.5	64.8	32.8	13.8	7.3	5.3	0.0
-27.5°	92.7	59.8	31.5	13.3	7.1	5.2	0.0
-30°	84.8	54.6	29.7	12.7	7.0	5.1	0.0
-32.5°	76.8	49.3	27.1	12.0	6.8	5.0	0.0
-35°	69.5	44.0	24.3	11.3	6.7	4.8	0.0
-37.5°	62.7	39.1	21.5	10.4	6.6	4.7	0.0
-40°	55.9	35.4	18.6	9.4	6.4	4.5	0.0
-42.5°	49.1	31.6	16.4	8.3	6.3	4.3	0.0
-45°	42.4	27.9	15.0	7.3	6.2	4.2	0.0
-47.5°	35.9	24.1	13.5	6.2	6.2	4.0	0.0
-50°	31.2	20.4	12.1	5.9	6.1	3.8	0.0
-52.5°	27.0	16.7	10.5	5.9	6.0	3.6	0.0
-55°	22.8	14.6	9.0	5.9	6.0	3.4	0.0
-57.5°	18.8	12.7	7.4	5.9	5.9	3.2	0.0
-60°	15.0	10.7	5.9	5.9	5.9	2.9	0.0
-62.5°	12.8	8.8	5.9	5.9	5.4	2.7	0.0
-65°	10.6	6.9	5.9	5.9	5.0	2.5	0.0
-67.5°	8.4	5.9	5.9	5.9	4.5	2.3	0.0
-70°	6.2	5.9	5.9	5.9	4.0	2.0	0.0
-72.5°	5.9	5.9	5.9	5.3	3.5	1.8	0.0
-75°	5.9	5.9	5.9	4.6	3.1	1.5	0.0
-77.5°	5.9	5.9	5.1	3.8	2.6	1.3	0.0
-80°	5.9	5.1	4.1	3.1	2.0	1.0	0.0
-82.5°	4.6	3.8	3.1	2.3	1.5	0.8	0.0
-85°	3.1	2.6	2.0	1.5	1.0	0.5	0.0
-87.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)