

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: P559257 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-940-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559257 (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-940-U-TSB-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, TIGHT SPOT BAFFLE N1
Light Source: (96) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

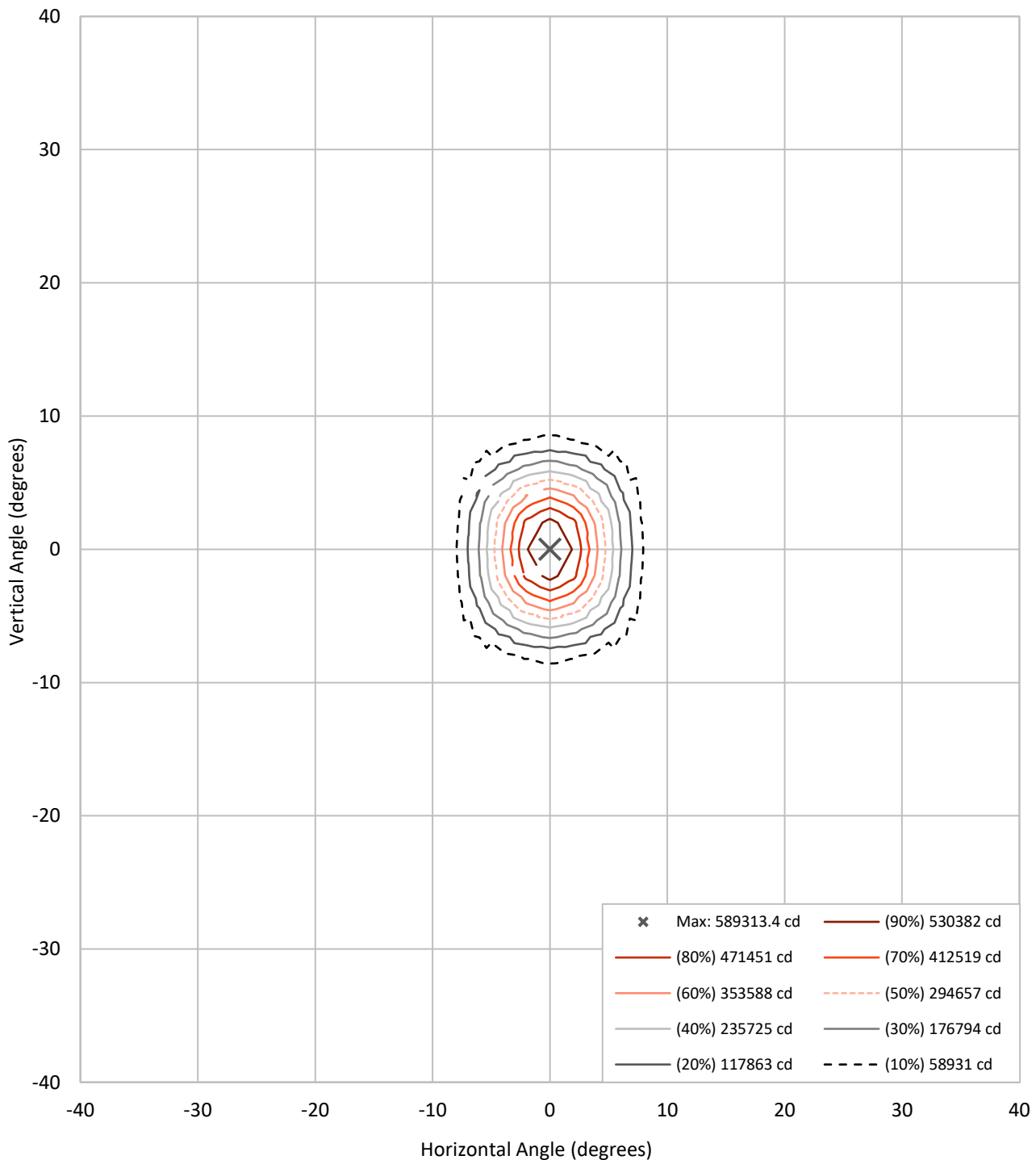
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	22949.1 lumens	Max Intensity:	589313.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	62.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	9836.4 lumens	Field Lumens:	16952.9 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



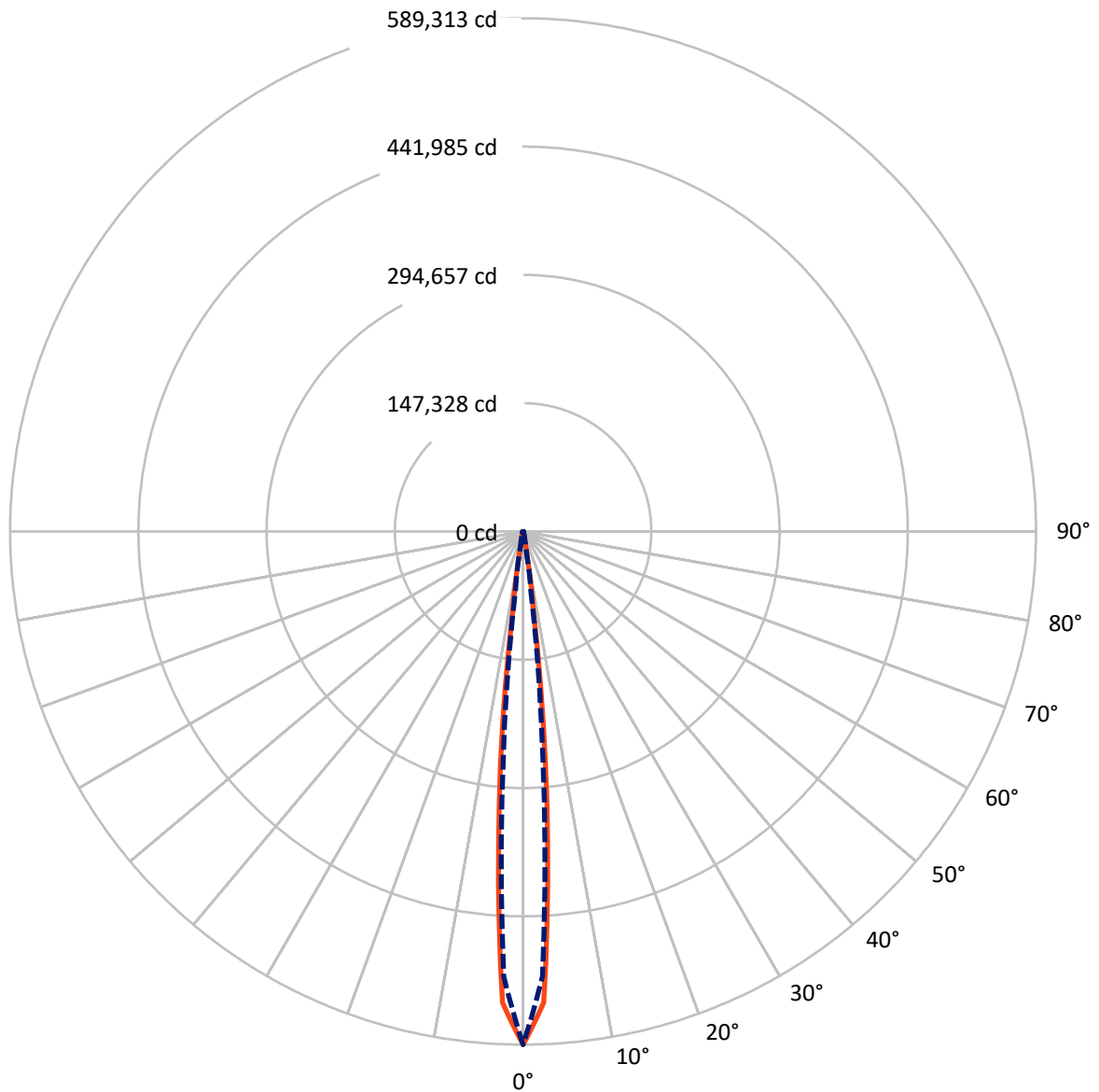
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Lumen Table

90	0.1	0.7	2.4	5.5	9.5	5.5	2.4	0.7	0.1							
80	0.1	0.7	2.4	5.5	9.5	5.5	2.4	0.7	0.1							
70	0.4	0.4	1.2	2.5	3.9	5.0	8.1	14.3	14.3	8.1	5.0	3.9	2.5	1.2	0.4	0.4
60		0.9	2.3	4.7	7.5	10.2	13.7	18.5	18.5	13.7	10.2	7.5	4.7	2.3	0.9	
50	1.2	1.6	3.6	7.4	13.0	19.5	25.0	29.8	29.8	25.0	19.5	13.0	7.4	3.6	1.6	1.2
40		2.5	5.1	11.2	20.2	27.2	30.7	32.6	32.6	30.7	27.2	20.2	11.2	5.1	2.5	
30	2.3	3.7	7.1	15.8	24.7	29.6	40.3	53.0	53.0	40.3	29.6	24.7	15.8	7.1	3.7	2.3
20		5.0	9.8	20.0	27.4	38.9	78.9	157.6	157.6	78.9	38.9	27.4	20.0	9.8	5.0	
10	2.7	5.6	11.7	22.3	28.4	49.9	155.9	4610.8	4610.8	155.9	49.9	28.4	22.3	11.7	5.6	2.7
0		5.6	11.7	22.3	28.4	49.9	155.9	4610.8	4610.8	155.9	49.9	28.4	22.3	11.7	5.6	
-10	2.3	5.0	9.8	20.0	27.4	38.9	78.9	157.6	157.6	78.9	38.9	27.4	20.0	9.8	5.0	2.3
-20		3.7	7.1	15.8	24.7	29.6	40.3	53.0	53.0	40.3	29.6	24.7	15.8	7.1	3.7	
-30	1.2	2.5	5.1	11.2	20.2	27.2	30.7	32.6	32.6	30.7	27.2	20.2	11.2	5.1	2.5	1.2
-40		1.6	3.6	7.4	13.0	19.5	25.0	29.8	29.8	25.0	19.5	13.0	7.4	3.6	1.6	
-50	0.4	0.9	2.3	4.7	7.5	10.2	13.7	18.5	18.5	13.7	10.2	7.5	4.7	2.3	0.9	0.4
-60		0.4	1.2	2.5	3.9	5.0	8.1	14.3	14.3	8.1	5.0	3.9	2.5	1.2	0.4	
-70	0.1	0.7	2.4	5.5	9.5	5.5	2.4	0.7	0.1							
-80		0.1	0.7	2.4	5.5	9.5	5.5	2.4	0.7	0.1						
-90	0.1	0.7	2.4	5.5	9.5	5.5	2.4	0.7	0.1							

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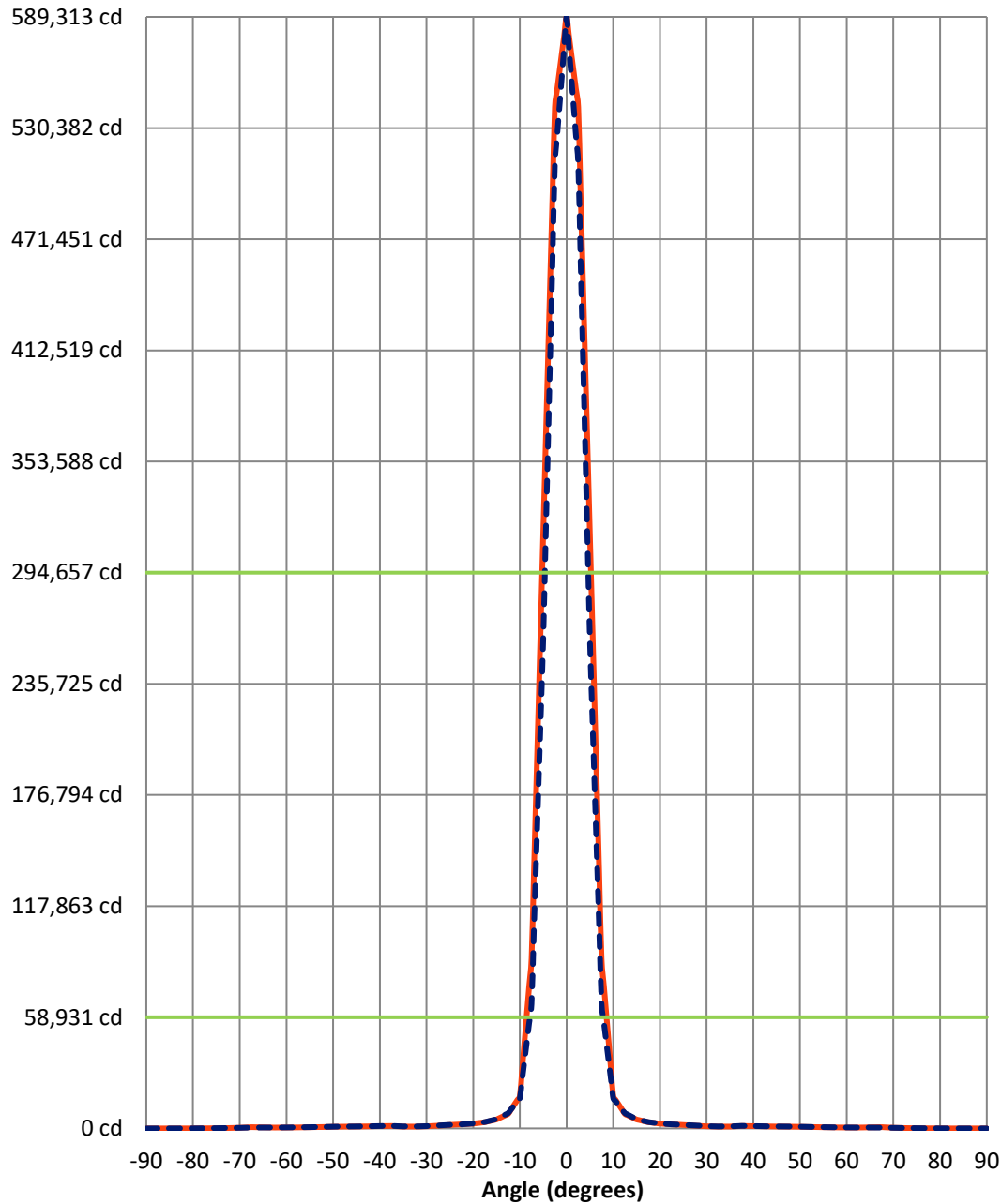
Luminous Intensity Polar Plot



— 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: 9836.4
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 16952.9
Efficiency: 73.9%

Spill:
Lumens: 5996.2
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	0.6	0.9	1.2	1.4	1.7	2.0	2.3	2.6	2.8
85°	0.0	0.6	1.2	1.7	2.3	2.9	3.5	4.0	4.6	5.1	5.7
82.5°	0.0	0.9	1.7	2.6	3.5	4.3	5.2	6.0	6.7	6.7	6.7
80°	0.0	1.2	2.3	3.5	4.6	5.8	6.7	6.7	6.7	6.7	6.7
77.5°	0.0	1.4	2.9	4.3	5.8	6.7	6.7	6.7	6.7	6.7	7.4
75°	0.0	1.7	3.5	5.2	6.7	6.7	6.7	6.7	7.0	8.8	10.3
72.5°	0.0	2.0	4.0	6.0	6.7	6.7	6.7	7.4	9.8	11.8	13.2
70°	0.0	2.3	4.6	6.7	6.7	6.7	7.0	10.2	12.7	14.8	18.3
67.5°	0.0	2.6	5.1	6.7	6.7	6.7	9.6	12.9	15.7	20.2	24.1
65°	0.0	2.8	5.7	6.7	6.7	7.8	12.1	15.7	20.8	25.6	30.7
62.5°	0.0	3.1	6.2	6.7	6.7	10.0	14.6	19.8	25.8	31.7	39.4
60°	0.0	3.3	6.7	6.7	6.7	12.3	17.2	24.3	30.9	40.1	48.3
57.5°	0.0	3.6	6.7	6.7	8.4	14.5	21.4	29.0	38.1	48.5	58.4
55°	0.0	3.8	6.8	6.7	10.2	16.6	26.1	33.9	45.9	57.4	69.3
52.5°	0.0	4.1	6.9	6.7	12.0	19.1	30.8	41.4	53.8	67.8	80.4
50°	0.0	4.3	6.9	6.7	13.7	23.3	35.6	49.5	62.2	78.4	93.9
47.5°	0.0	4.5	7.0	7.0	15.5	27.6	40.9	57.8	71.8	89.0	108.0
45°	0.0	4.7	7.1	8.3	17.1	31.8	48.4	66.4	83.3	102.4	122.7
42.5°	0.0	4.9	7.2	9.5	18.8	36.1	56.0	76.3	95.3	116.0	140.0
40°	0.0	5.1	7.3	10.7	21.2	40.3	63.7	87.1	108.5	130.3	158.3
37.5°	0.0	5.3	7.5	11.8	24.5	44.6	71.5	98.1	123.5	148.3	177.2
35°	0.0	5.5	7.6	12.8	27.7	50.1	79.3	109.3	138.7	169.0	195.5
32.5°	0.0	5.7	7.8	13.7	30.9	56.3	87.6	120.7	154.0	190.5	218.6
30°	0.0	5.8	7.9	14.5	33.9	62.3	96.7	132.4	169.4	212.8	244.5
27.5°	0.0	5.9	8.1	15.2	35.9	68.2	105.7	145.1	186.1	235.7	273.1
25°	0.0	6.1	8.3	15.8	37.5	74.0	114.7	157.7	204.9	259.5	303.9
22.5°	0.0	6.2	8.5	16.3	38.7	78.5	123.4	169.9	223.7	284.6	330.1
20°	0.0	6.3	8.7	16.7	39.6	80.1	131.9	181.9	242.3	310.8	355.9
17.5°	0.0	6.4	8.9	16.9	40.1	81.2	136.4	193.6	260.7	337.7	381.1
15°	0.0	6.5	9.0	17.1	40.4	81.6	138.0	201.9	278.7	364.9	405.9
12.5°	0.0	6.5	9.2	17.2	40.4	81.6	139.0	206.2	290.3	392.1	430.2
10°	0.0	6.6	9.4	17.3	40.1	80.9	139.4	210.1	296.1	402.6	447.3
7.5°	0.0	6.6	9.6	17.2	39.6	79.8	139.1	213.3	300.5	408.8	450.4
5°	0.0	6.7	9.8	17.1	38.9	78.2	138.1	215.8	303.5	413.1	452.9
2.5°	0.0	6.7	9.9	17.0	38.0	76.2	136.4	217.3	305.0	415.4	454.7
0°	0.0	6.7	10.1	16.8	36.9	73.8	134.1	217.9	305.1	415.7	455.9
-2.5°	0.0	6.7	9.9	17.0	38.0	76.2	136.4	217.3	305.0	415.4	454.7
-5°	0.0	6.7	9.8	17.1	38.9	78.2	138.1	215.8	303.5	413.1	452.9
-7.5°	0.0	6.6	9.6	17.2	39.6	79.8	139.1	213.3	300.5	408.8	450.4
-10°	0.0	6.6	9.4	17.3	40.1	80.9	139.4	210.1	296.1	402.6	447.3
-12.5°	0.0	6.5	9.2	17.2	40.4	81.6	139.0	206.2	290.3	392.1	430.2
-15°	0.0	6.5	9.0	17.1	40.4	81.6	138.0	201.9	278.7	364.9	405.9
-17.5°	0.0	6.4	8.9	16.9	40.1	81.2	136.4	193.6	260.7	337.7	381.1
-20°	0.0	6.3	8.7	16.7	39.6	80.1	131.9	181.9	242.3	310.8	355.9



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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	6.2	8.5	16.3	38.7	78.5	123.4	169.9	223.7	284.6	330.1
-25°	0.0	6.1	8.3	15.8	37.5	74.0	114.7	157.7	204.9	259.5	303.9
-27.5°	0.0	5.9	8.1	15.2	35.9	68.2	105.7	145.1	186.1	235.7	273.1
-30°	0.0	5.8	7.9	14.5	33.9	62.3	96.7	132.4	169.4	212.8	244.5
-32.5°	0.0	5.7	7.8	13.7	30.9	56.3	87.6	120.7	154.0	190.5	218.6
-35°	0.0	5.5	7.6	12.8	27.7	50.1	79.3	109.3	138.7	169.0	195.5
-37.5°	0.0	5.3	7.5	11.8	24.5	44.6	71.5	98.1	123.5	148.3	177.2
-40°	0.0	5.1	7.3	10.7	21.2	40.3	63.7	87.1	108.5	130.3	158.3
-42.5°	0.0	4.9	7.2	9.5	18.8	36.1	56.0	76.3	95.3	116.0	140.0
-45°	0.0	4.7	7.1	8.3	17.1	31.8	48.4	66.4	83.3	102.4	122.7
-47.5°	0.0	4.5	7.0	7.0	15.5	27.6	40.9	57.8	71.8	89.0	108.0
-50°	0.0	4.3	6.9	6.7	13.7	23.3	35.6	49.5	62.2	78.4	93.9
-52.5°	0.0	4.1	6.9	6.7	12.0	19.1	30.8	41.4	53.8	67.8	80.4
-55°	0.0	3.8	6.8	6.7	10.2	16.6	26.1	33.9	45.9	57.4	69.3
-57.5°	0.0	3.6	6.7	6.7	8.4	14.5	21.4	29.0	38.1	48.5	58.4
-60°	0.0	3.3	6.7	6.7	6.7	12.3	17.2	24.3	30.9	40.1	48.3
-62.5°	0.0	3.1	6.2	6.7	6.7	10.0	14.6	19.8	25.8	31.7	39.4
-65°	0.0	2.8	5.7	6.7	6.7	7.8	12.1	15.7	20.8	25.6	30.7
-67.5°	0.0	2.6	5.1	6.7	6.7	6.7	9.6	12.9	15.7	20.2	24.1
-70°	0.0	2.3	4.6	6.7	6.7	6.7	7.0	10.2	12.7	14.8	18.3
-72.5°	0.0	2.0	4.0	6.0	6.7	6.7	6.7	7.4	9.8	11.8	13.2
-75°	0.0	1.7	3.5	5.2	6.7	6.7	6.7	6.7	7.0	8.8	10.3
-77.5°	0.0	1.4	2.9	4.3	5.8	6.7	6.7	6.7	6.7	6.7	7.4
-80°	0.0	1.2	2.3	3.5	4.6	5.8	6.7	6.7	6.7	6.7	6.7
-82.5°	0.0	0.9	1.7	2.6	3.5	4.3	5.2	6.0	6.7	6.7	6.7
-85°	0.0	0.6	1.2	1.7	2.3	2.9	3.5	4.0	4.6	5.1	5.7
-87.5°	0.0	0.3	0.6	0.9	1.2	1.4	1.7	2.0	2.3	2.6	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



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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°	2.7	2.5	2.3	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7
85°	5.4	5.1	4.4	3.9	4.1	4.3	4.6	4.8	5.0	5.2	5.3
82.5°	6.2	5.9	5.8	5.8	6.1	6.5	6.9	7.5	8.1	8.7	9.2
80°	6.6	6.7	7.6	8.6	9.6	10.5	11.4	12.2	13.0	14.3	16.0
77.5°	8.7	10.0	11.2	12.4	13.9	16.4	18.7	20.5	22.8	25.6	28.4
75°	11.7	13.2	16.5	20.2	23.6	26.2	28.6	32.3	36.7	41.6	46.4
72.5°	16.1	20.1	24.6	29.3	34.9	39.7	44.3	48.6	55.8	63.8	69.7
70°	22.1	27.1	34.0	41.6	48.8	55.1	64.3	75.2	86.2	91.8	95.1
67.5°	28.5	36.6	45.0	54.1	64.2	74.6	87.3	99.1	110.3	114.9	119.0
65°	37.0	46.1	56.5	67.8	79.3	91.9	104.8	118.0	129.8	135.7	142.6
62.5°	45.7	56.5	68.6	81.1	93.9	107.5	123.2	136.5	146.5	158.7	172.8
60°	56.1	67.0	80.6	94.6	109.3	128.2	144.0	158.7	172.3	186.1	207.3
57.5°	67.1	77.6	92.8	109.3	129.5	151.0	169.0	184.9	203.7	223.3	244.8
55°	79.2	88.6	105.7	126.0	149.2	174.9	195.9	217.7	239.4	256.9	276.0
52.5°	92.9	101.5	119.4	142.8	169.8	198.6	226.6	249.3	269.4	288.6	310.3
50°	107.3	118.2	132.8	160.8	190.9	223.5	255.2	278.1	300.9	323.6	347.9
47.5°	124.0	136.2	148.4	178.7	212.8	246.2	279.0	308.2	333.5	363.7	391.6
45°	142.3	156.5	169.6	197.8	232.8	266.8	303.2	338.4	374.0	409.6	454.2
42.5°	161.5	177.2	193.9	215.7	250.6	288.3	327.3	374.2	419.3	468.9	526.8
40°	180.3	197.5	217.6	237.3	268.2	310.2	357.8	410.4	474.0	538.2	608.3
37.5°	198.6	218.5	240.1	260.4	287.8	335.0	387.6	454.6	531.2	612.4	701.6
35°	216.5	238.7	260.6	284.6	315.4	361.2	426.0	502.0	593.9	696.5	778.1
32.5°	234.1	257.9	280.1	309.2	347.0	394.0	463.0	558.7	664.7	768.7	823.3
30°	256.2	275.2	299.5	332.4	378.0	437.8	512.6	615.9	736.4	807.4	858.2
27.5°	285.5	292.4	319.9	358.3	409.7	480.8	574.0	681.2	781.0	843.2	888.7
25°	314.5	321.5	338.9	384.3	447.9	531.8	636.4	758.7	817.9	870.5	923.1
22.5°	342.1	349.5	371.4	409.0	484.9	583.7	705.3	812.3	868.6	902.2	959.2
20°	368.1	379.6	406.5	450.0	522.8	632.8	772.0	861.9	915.6	955.9	1008.5
17.5°	393.1	409.0	442.1	494.9	576.0	687.9	832.7	911.4	963.8	1002.7	1067.9
15°	417.4	437.7	476.2	536.9	625.7	746.9	873.3	952.0	1008.4	1046.7	1122.8
12.5°	440.8	465.6	508.8	575.9	670.5	798.5	907.7	978.3	1034.5	1093.0	1171.7
10°	463.6	492.7	539.9	612.1	710.5	842.9	936.4	999.3	1055.5	1129.9	1212.0
7.5°	467.0	506.3	565.4	645.4	746.0	880.5	960.0	1015.8	1076.8	1163.8	1248.6
5°	467.1	505.2	567.4	654.0	762.9	902.6	976.6	1028.2	1097.2	1193.9	1281.2
2.5°	466.7	502.9	567.8	656.9	767.2	904.9	979.0	1031.5	1109.0	1223.5	1311.1
0°	466.0	499.5	566.6	657.1	767.7	901.8	978.9	1032.6	1116.4	1250.5	1337.6
-2.5°	466.7	502.9	567.8	656.9	767.2	904.9	979.0	1031.5	1109.0	1223.5	1311.1
-5°	467.1	505.2	567.4	654.0	762.9	902.6	976.6	1028.2	1097.2	1193.9	1281.2
-7.5°	467.0	506.3	565.4	645.4	746.0	880.5	960.0	1015.8	1076.8	1163.8	1248.6
-10°	463.6	492.7	539.9	612.1	710.5	842.9	936.4	999.3	1055.5	1129.9	1212.0
-12.5°	440.8	465.6	508.8	575.9	670.5	798.5	907.7	978.3	1034.5	1093.0	1171.7
-15°	417.4	437.7	476.2	536.9	625.7	746.9	873.3	952.0	1008.4	1046.7	1122.8
-17.5°	393.1	409.0	442.1	494.9	576.0	687.9	832.7	911.4	963.8	1002.7	1067.9
-20°	368.1	379.6	406.5	450.0	522.8	632.8	772.0	861.9	915.6	955.9	1008.5



REPORT NUMBER: P559257 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-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°	342.1	349.5	371.4	409.0	484.9	583.7	705.3	812.3	868.6	902.2	959.2
-25°	314.5	321.5	338.9	384.3	447.9	531.8	636.4	758.7	817.9	870.5	923.1
-27.5°	285.5	292.4	319.9	358.3	409.7	480.8	574.0	681.2	781.0	843.2	888.7
-30°	256.2	275.2	299.5	332.4	378.0	437.8	512.6	615.9	736.4	807.4	858.2
-32.5°	234.1	257.9	280.1	309.2	347.0	394.0	463.0	558.7	664.7	768.7	823.3
-35°	216.5	238.7	260.6	284.6	315.4	361.2	426.0	502.0	593.9	696.5	778.1
-37.5°	198.6	218.5	240.1	260.4	287.8	335.0	387.6	454.6	531.2	612.4	701.6
-40°	180.3	197.5	217.6	237.3	268.2	310.2	357.8	410.4	474.0	538.2	608.3
-42.5°	161.5	177.2	193.9	215.7	250.6	288.3	327.3	374.2	419.3	468.9	526.8
-45°	142.3	156.5	169.6	197.8	232.8	266.8	303.2	338.4	374.0	409.6	454.2
-47.5°	124.0	136.2	148.4	178.7	212.8	246.2	279.0	308.2	333.5	363.7	391.6
-50°	107.3	118.2	132.8	160.8	190.9	223.5	255.2	278.1	300.9	323.6	347.9
-52.5°	92.9	101.5	119.4	142.8	169.8	198.6	226.6	249.3	269.4	288.6	310.3
-55°	79.2	88.6	105.7	126.0	149.2	174.9	195.9	217.7	239.4	256.9	276.0
-57.5°	67.1	77.6	92.8	109.3	129.5	151.0	169.0	184.9	203.7	223.3	244.8
-60°	56.1	67.0	80.6	94.6	109.3	128.2	144.0	158.7	172.3	186.1	207.3
-62.5°	45.7	56.5	68.6	81.1	93.9	107.5	123.2	136.5	146.5	158.7	172.8
-65°	37.0	46.1	56.5	67.8	79.3	91.9	104.8	118.0	129.8	135.7	142.6
-67.5°	28.5	36.6	45.0	54.1	64.2	74.6	87.3	99.1	110.3	114.9	119.0
-70°	22.1	27.1	34.0	41.6	48.8	55.1	64.3	75.2	86.2	91.8	95.1
-72.5°	16.1	20.1	24.6	29.3	34.9	39.7	44.3	48.6	55.8	63.8	69.7
-75°	11.7	13.2	16.5	20.2	23.6	26.2	28.6	32.3	36.7	41.6	46.4
-77.5°	8.7	10.0	11.2	12.4	13.9	16.4	18.7	20.5	22.8	25.6	28.4
-80°	6.6	6.7	7.6	8.6	9.6	10.5	11.4	12.2	13.0	14.3	16.0
-82.5°	6.2	5.9	5.8	5.8	6.1	6.5	6.9	7.5	8.1	8.7	9.2
-85°	5.4	5.1	4.4	3.9	4.1	4.3	4.6	4.8	5.0	5.2	5.3
-87.5°	2.7	2.5	2.3	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559257 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-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°	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2	3.3	3.3	3.3
85°	5.5	5.7	5.8	6.0	6.1	6.2	6.3	6.4	6.5	6.5	6.6
82.5°	9.7	10.2	10.7	11.1	11.5	11.9	12.2	12.5	12.7	12.9	13.1
80°	17.9	19.3	20.4	21.2	21.8	24.2	27.1	30.2	33.5	34.6	35.5
77.5°	32.0	34.3	35.8	36.9	37.6	42.8	49.6	56.6	63.9	67.7	70.8
75°	50.9	53.7	55.4	56.7	57.5	65.6	77.5	90.0	102.9	109.6	114.4
72.5°	73.6	76.0	77.7	79.3	80.3	92.2	113.6	137.0	161.8	176.9	188.0
70°	98.1	100.7	102.9	104.7	106.0	120.2	151.4	184.0	217.6	251.3	287.2
67.5°	124.0	129.5	132.5	134.2	135.9	148.0	181.2	211.8	240.2	301.1	397.1
65°	152.3	165.2	170.5	173.6	174.7	180.3	208.7	234.2	257.3	304.8	378.0
62.5°	188.3	205.4	213.2	216.7	218.7	219.1	242.2	263.7	283.4	313.0	359.6
60°	227.1	245.6	255.2	257.9	259.5	260.2	278.7	300.0	319.7	343.8	387.2
57.5°	262.7	280.0	294.3	299.9	304.3	307.5	323.8	348.7	372.0	396.2	442.9
55°	296.7	317.6	337.5	348.4	358.7	367.7	383.7	415.2	445.2	473.4	521.9
52.5°	333.7	360.5	387.0	406.8	426.3	443.3	460.5	501.3	541.3	579.0	626.2
50°	377.9	410.9	449.6	482.1	509.9	537.5	562.2	610.4	664.6	716.1	765.6
47.5°	433.9	477.5	526.8	573.2	611.0	653.7	692.3	741.9	789.8	837.7	878.7
45°	502.7	563.1	619.9	681.4	735.5	763.7	786.1	817.0	866.3	913.2	951.5
42.5°	590.7	660.9	731.0	776.7	811.4	834.3	850.6	866.9	918.5	963.9	1000.9
40°	688.5	759.2	802.3	839.8	863.8	884.3	909.8	935.0	975.5	1022.0	1063.2
37.5°	773.3	818.7	856.6	886.0	915.1	942.2	979.0	1015.3	1053.9	1106.1	1144.3
35°	825.6	865.4	903.9	940.8	978.1	1019.8	1065.8	1119.1	1166.3	1123.4	1061.2
32.5°	865.4	906.3	952.8	1009.8	1061.1	1118.1	1175.7	1083.1	988.1	950.9	958.5
30°	900.1	947.5	1011.7	1086.1	1157.4	1131.9	1005.4	961.1	974.1	1000.1	1050.2
27.5°	937.3	996.4	1074.4	1166.0	1109.8	969.7	977.1	1002.7	1089.5	1163.2	1275.0
25°	981.2	1052.6	1149.5	1107.1	978.7	992.0	1057.0	1155.0	1320.3	1474.6	1609.5
22.5°	1034.2	1125.1	1137.9	978.8	996.3	1081.2	1213.1	1425.4	1626.3	1812.7	1951.8
20°	1088.1	1192.9	1031.6	998.0	1072.6	1224.3	1469.1	1712.9	1937.2	2103.9	2243.1
17.5°	1152.5	1115.5	1001.3	1037.1	1188.0	1450.1	1725.6	1984.0	2195.5	2483.7	2729.1
15°	1209.0	1040.9	1019.7	1137.8	1364.8	1659.6	1958.9	2191.1	2573.2	2986.2	3404.0
12.5°	1176.6	1014.4	1052.5	1227.4	1525.8	1844.4	2109.1	2476.5	2982.0	3585.4	4492.0
10°	1128.6	1029.3	1122.5	1351.2	1663.6	1974.0	2249.0	2730.6	3397.8	4505.9	5933.5
7.5°	1091.5	1035.7	1168.6	1446.4	1766.1	2052.3	2418.9	3002.8	3932.8	5453.1	8492.6
5°	1063.4	1035.5	1189.8	1501.4	1826.9	2106.3	2523.6	3200.8	4457.1	6623.1	11817.1
2.5°	1051.0	1030.1	1195.7	1531.0	1856.6	2136.4	2588.8	3343.0	4788.0	7710.1	15538.8
0°	1059.4	1019.2	1193.5	1542.1	1874.0	2132.2	2598.2	3386.0	4887.9	8111.4	16038.3
-2.5°	1051.0	1030.1	1195.7	1531.0	1856.6	2136.4	2588.8	3343.0	4788.0	7710.1	15538.8
-5°	1063.4	1035.5	1189.8	1501.4	1826.9	2106.3	2523.6	3200.8	4457.1	6623.1	11817.1
-7.5°	1091.5	1035.7	1168.6	1446.4	1766.1	2052.3	2418.9	3002.8	3932.8	5453.1	8492.6
-10°	1128.6	1029.3	1122.5	1351.2	1663.6	1974.0	2249.0	2730.6	3397.8	4505.9	5933.5
-12.5°	1176.6	1014.4	1052.5	1227.4	1525.8	1844.4	2109.1	2476.5	2982.0	3585.4	4492.0
-15°	1209.0	1040.9	1019.7	1137.8	1364.8	1659.6	1958.9	2191.1	2573.2	2986.2	3404.0
-17.5°	1152.5	1115.5	1001.3	1037.1	1188.0	1450.1	1725.6	1984.0	2195.5	2483.7	2729.1
-20°	1088.1	1192.9	1031.6	998.0	1072.6	1224.3	1469.1	1712.9	1937.2	2103.9	2243.1



REPORT NUMBER: P559257 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1034.2	1125.1	1137.9	978.8	996.3	1081.2	1213.1	1425.4	1626.3	1812.7	1951.8
-25°	981.2	1052.6	1149.5	1107.1	978.7	992.0	1057.0	1155.0	1320.3	1474.6	1609.5
-27.5°	937.3	996.4	1074.4	1166.0	1109.8	969.7	977.1	1002.7	1089.5	1163.2	1275.0
-30°	900.1	947.5	1011.7	1086.1	1157.4	1131.9	1005.4	961.1	974.1	1000.1	1050.2
-32.5°	865.4	906.3	952.8	1009.8	1061.1	1118.1	1175.7	1083.1	988.1	950.9	958.5
-35°	825.6	865.4	903.9	940.8	978.1	1019.8	1065.8	1119.1	1166.3	1123.4	1061.2
-37.5°	773.3	818.7	856.6	886.0	915.1	942.2	979.0	1015.3	1053.9	1106.1	1144.3
-40°	688.5	759.2	802.3	839.8	863.8	884.3	909.8	935.0	975.5	1022.0	1063.2
-42.5°	590.7	660.9	731.0	776.7	811.4	834.3	850.6	866.9	918.5	963.9	1000.9
-45°	502.7	563.1	619.9	681.4	735.5	763.7	786.1	817.0	866.3	913.2	951.5
-47.5°	433.9	477.5	526.8	573.2	611.0	653.7	692.3	741.9	789.8	837.7	878.7
-50°	377.9	410.9	449.6	482.1	509.9	537.5	562.2	610.4	664.6	716.1	765.6
-52.5°	333.7	360.5	387.0	406.8	426.3	443.3	460.5	501.3	541.3	579.0	626.2
-55°	296.7	317.6	337.5	348.4	358.7	367.7	383.7	415.2	445.2	473.4	521.9
-57.5°	262.7	280.0	294.3	299.9	304.3	307.5	323.8	348.7	372.0	396.2	442.9
-60°	227.1	245.6	255.2	257.9	259.5	260.2	278.7	300.0	319.7	343.8	387.2
-62.5°	188.3	205.4	213.2	216.7	218.7	219.1	242.2	263.7	283.4	313.0	359.6
-65°	152.3	165.2	170.5	173.6	174.7	180.3	208.7	234.2	257.3	304.8	378.0
-67.5°	124.0	129.5	132.5	134.2	135.9	148.0	181.2	211.8	240.2	301.1	397.1
-70°	98.1	100.7	102.9	104.7	106.0	120.2	151.4	184.0	217.6	251.3	287.2
-72.5°	73.6	76.0	77.7	79.3	80.3	92.2	113.6	137.0	161.8	176.9	188.0
-75°	50.9	53.7	55.4	56.7	57.5	65.6	77.5	90.0	102.9	109.6	114.4
-77.5°	32.0	34.3	35.8	36.9	37.6	42.8	49.6	56.6	63.9	67.7	70.8
-80°	17.9	19.3	20.4	21.2	21.8	24.2	27.1	30.2	33.5	34.6	35.5
-82.5°	9.7	10.2	10.7	11.1	11.5	11.9	12.2	12.5	12.7	12.9	13.1
-85°	5.5	5.7	5.8	6.0	6.1	6.2	6.3	6.4	6.5	6.5	6.6
-87.5°	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2	3.3	3.3	3.3
-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: P559257 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-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°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.2
85°	6.6	6.7	6.7	6.7	6.7	6.7	6.6	6.6	6.5	6.5	6.4
82.5°	13.2	13.3	13.4	13.4	13.4	13.3	13.2	13.1	12.9	12.7	12.5
80°	36.1	36.5	35.1	33.5	35.1	36.5	36.1	35.5	34.6	33.5	30.2
77.5°	73.6	76.2	73.6	70.4	73.6	76.2	73.6	70.8	67.7	63.9	56.6
75°	118.8	122.7	120.5	117.3	120.5	122.7	118.8	114.4	109.6	102.9	90.0
72.5°	198.4	208.2	205.8	201.1	205.8	208.2	198.4	188.0	176.9	161.8	137.0
70°	324.9	363.0	361.5	352.0	361.5	363.0	324.9	287.2	251.3	217.6	184.0
67.5°	500.9	609.0	643.3	660.4	643.3	609.0	500.9	397.1	301.1	240.2	211.8
65°	446.1	511.4	537.3	556.5	537.3	511.4	446.1	378.0	304.8	257.3	234.2
62.5°	401.3	440.0	448.3	449.2	448.3	440.0	401.3	359.6	313.0	283.4	263.7
60°	429.5	470.6	476.7	469.3	476.7	470.6	429.5	387.2	343.8	319.7	300.0
57.5°	487.7	530.9	538.8	529.7	538.8	530.9	487.7	442.9	396.2	372.0	348.7
55°	568.4	611.9	626.3	623.6	626.3	611.9	568.4	521.9	473.4	445.2	415.2
52.5°	671.2	711.3	727.9	727.5	727.9	711.3	671.2	626.2	579.0	541.3	501.3
50°	808.7	844.6	862.4	864.9	862.4	844.6	808.7	765.6	716.1	664.6	610.4
47.5°	907.9	931.5	943.8	945.4	943.8	931.5	907.9	878.7	837.7	789.8	741.9
45°	968.6	981.3	990.9	999.0	990.9	981.3	968.6	951.5	913.2	866.3	817.0
42.5°	1025.8	1052.2	1071.7	1076.1	1071.7	1052.2	1025.8	1000.9	963.9	918.5	866.9
40°	1102.3	1138.8	1173.7	1210.2	1173.7	1138.8	1102.3	1063.2	1022.0	975.5	935.0
37.5°	1184.1	1224.7	1258.4	1277.3	1258.4	1224.7	1184.1	1144.3	1106.1	1053.9	1015.3
35°	1017.5	990.9	975.1	968.9	975.1	990.9	1017.5	1061.2	1123.4	1166.3	1119.1
32.5°	963.0	965.0	961.9	955.5	961.9	965.0	963.0	958.5	950.9	988.1	1083.1
30°	1087.5	1105.2	1107.3	1106.3	1107.3	1105.2	1087.5	1050.2	1000.1	974.1	961.1
27.5°	1357.6	1402.9	1417.0	1444.9	1417.0	1402.9	1357.6	1275.0	1163.2	1089.5	1002.7
25°	1713.8	1782.2	1815.1	1827.1	1815.1	1782.2	1713.8	1609.5	1474.6	1320.3	1155.0
22.5°	2030.5	2082.6	2113.2	2138.9	2113.2	2082.6	2030.5	1951.8	1812.7	1626.3	1425.4
20°	2405.7	2500.9	2544.5	2547.9	2544.5	2500.9	2405.7	2243.1	2103.9	1937.2	1712.9
17.5°	2991.4	3176.8	3269.4	3295.5	3269.4	3176.8	2991.4	2729.1	2483.7	2195.5	1984.0
15°	3915.5	4388.6	4632.1	4747.1	4632.1	4388.6	3915.5	3404.0	2986.2	2573.2	2191.1
12.5°	5422.9	6489.8	7352.5	7677.2	7352.5	6489.8	5422.9	4492.0	3585.4	2982.0	2476.5
10°	8409.7	11595.7	15317.7	17054.1	15317.7	11595.7	8409.7	5933.5	4505.9	3397.8	2730.6
7.5°	16269.3	37774.5	73213.1	90118.2	73213.1	37774.5	16269.3	8492.6	5453.1	3932.8	3002.8
5°	34678.6	149661.7	268025.3	314818.6	268025.3	149661.7	34678.6	11817.1	6623.1	4457.1	3200.8
2.5°	55235.4	245464.7	463152.3	541560.7	463152.3	245464.7	55235.4	15538.8	7710.1	4788.0	3343.0
0°	65995.4	258674.5	511078.2	589313.4	511078.2	258674.5	65995.4	16038.3	8111.4	4887.9	3386.0
-2.5°	55235.4	245464.7	463152.3	541560.6	463152.3	245464.7	55235.4	15538.8	7710.1	4788.0	3343.0
-5°	34678.6	149661.7	268025.3	314818.6	268025.3	149661.7	34678.6	11817.1	6623.1	4457.1	3200.8
-7.5°	16269.3	37774.5	73213.1	90118.2	73213.1	37774.5	16269.3	8492.6	5453.1	3932.8	3002.8
-10°	8409.7	11595.7	15317.7	17054.1	15317.7	11595.7	8409.7	5933.5	4505.9	3397.8	2730.6
-12.5°	5422.9	6489.8	7352.5	7677.2	7352.5	6489.8	5422.9	4492.0	3585.4	2982.0	2476.5
-15°	3915.5	4388.6	4632.1	4747.1	4632.1	4388.6	3915.5	3404.0	2986.2	2573.2	2191.1
-17.5°	2991.4	3176.8	3269.4	3295.5	3269.4	3176.8	2991.4	2729.1	2483.7	2195.5	1984.0
-20°	2405.7	2500.9	2544.5	2547.9	2544.5	2500.9	2405.7	2243.1	2103.9	1937.2	1712.9



REPORT NUMBER: P559257 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-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°	2030.5	2082.6	2113.2	2138.9	2113.2	2082.6	2030.5	1951.8	1812.7	1626.3	1425.4
-25°	1713.8	1782.2	1815.1	1827.1	1815.1	1782.2	1713.8	1609.5	1474.6	1320.3	1155.0
-27.5°	1357.6	1402.9	1417.0	1444.9	1417.0	1402.9	1357.6	1275.0	1163.2	1089.5	1002.7
-30°	1087.5	1105.2	1107.3	1106.3	1107.3	1105.2	1087.5	1050.2	1000.1	974.1	961.1
-32.5°	963.0	965.0	961.9	955.5	961.9	965.0	963.0	958.5	950.9	988.1	1083.1
-35°	1017.5	990.9	975.1	968.9	975.1	990.9	1017.5	1061.2	1123.4	1166.3	1119.1
-37.5°	1184.1	1224.7	1258.4	1277.3	1258.4	1224.7	1184.1	1144.3	1106.1	1053.9	1015.3
-40°	1102.3	1138.8	1173.7	1210.2	1173.7	1138.8	1102.3	1063.2	1022.0	975.5	935.0
-42.5°	1025.8	1052.2	1071.7	1076.1	1071.7	1052.2	1025.8	1000.9	963.9	918.5	866.9
-45°	968.6	981.3	990.9	999.0	990.9	981.3	968.6	951.5	913.2	866.3	817.0
-47.5°	907.9	931.5	943.8	945.4	943.8	931.5	907.9	878.7	837.7	789.8	741.9
-50°	808.7	844.6	862.4	864.9	862.4	844.6	808.7	765.6	716.1	664.6	610.4
-52.5°	671.2	711.3	727.9	727.5	727.9	711.3	671.2	626.2	579.0	541.3	501.3
-55°	568.4	611.9	626.3	623.6	626.3	611.9	568.4	521.9	473.4	445.2	415.2
-57.5°	487.7	530.9	538.8	529.7	538.8	530.9	487.7	442.9	396.2	372.0	348.7
-60°	429.5	470.6	476.7	469.3	476.7	470.6	429.5	387.2	343.8	319.7	300.0
-62.5°	401.3	440.0	448.3	449.2	448.3	440.0	401.3	359.6	313.0	283.4	263.7
-65°	446.1	511.4	537.3	556.5	537.3	511.4	446.1	378.0	304.8	257.3	234.2
-67.5°	500.9	609.0	643.3	660.4	643.3	609.0	500.9	397.1	301.1	240.2	211.8
-70°	324.9	363.0	361.5	352.0	361.5	363.0	324.9	287.2	251.3	217.6	184.0
-72.5°	198.4	208.2	205.8	201.1	205.8	208.2	198.4	188.0	176.9	161.8	137.0
-75°	118.8	122.7	120.5	117.3	120.5	122.7	118.8	114.4	109.6	102.9	90.0
-77.5°	73.6	76.2	73.6	70.4	73.6	76.2	73.6	70.8	67.7	63.9	56.6
-80°	36.1	36.5	35.1	33.5	35.1	36.5	36.1	35.5	34.6	33.5	30.2
-82.5°	13.2	13.3	13.4	13.4	13.4	13.3	13.2	13.1	12.9	12.7	12.5
-85°	6.6	6.7	6.7	6.7	6.7	6.7	6.6	6.6	6.5	6.5	6.4
-87.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.2
-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: P559257 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-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°	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4
85°	6.3	6.2	6.1	6.0	5.8	5.7	5.5	5.3	5.2	5.0	4.8
82.5°	12.2	11.9	11.5	11.1	10.7	10.2	9.7	9.2	8.7	8.1	7.5
80°	27.1	24.2	21.8	21.2	20.4	19.3	17.9	16.0	14.3	13.0	12.2
77.5°	49.6	42.8	37.6	36.9	35.8	34.3	32.0	28.4	25.6	22.8	20.5
75°	77.5	65.6	57.5	56.7	55.4	53.7	50.9	46.4	41.6	36.7	32.3
72.5°	113.6	92.2	80.3	79.3	77.7	76.0	73.6	69.7	63.8	55.8	48.6
70°	151.4	120.2	106.0	104.7	102.9	100.7	98.1	95.1	91.8	86.2	75.2
67.5°	181.2	148.0	135.9	134.2	132.5	129.5	124.0	119.0	114.9	110.3	99.1
65°	208.7	180.3	174.7	173.6	170.5	165.2	152.3	142.6	135.7	129.8	118.0
62.5°	242.2	219.1	218.7	216.7	213.2	205.4	188.3	172.8	158.7	146.5	136.5
60°	278.7	260.2	259.5	257.9	255.2	245.6	227.1	207.3	186.1	172.3	158.7
57.5°	323.8	307.5	304.3	299.9	294.3	280.0	262.7	244.8	223.3	203.7	184.9
55°	383.7	367.7	358.7	348.4	337.5	317.6	296.7	276.0	256.9	239.4	217.7
52.5°	460.5	443.3	426.3	406.8	387.0	360.5	333.7	310.3	288.6	269.4	249.3
50°	562.2	537.5	509.9	482.1	449.6	410.9	377.9	347.9	323.6	300.9	278.1
47.5°	692.3	653.7	611.0	573.2	526.8	477.5	433.9	391.6	363.7	333.5	308.2
45°	786.1	763.7	735.5	681.4	619.9	563.1	502.7	454.2	409.6	374.0	338.4
42.5°	850.6	834.3	811.4	776.7	731.0	660.9	590.7	526.8	468.9	419.3	374.2
40°	909.8	884.3	863.8	839.8	802.3	759.2	688.5	608.3	538.2	474.0	410.4
37.5°	979.0	942.2	915.1	886.0	856.6	818.7	773.3	701.6	612.4	531.2	454.6
35°	1065.8	1019.8	978.1	940.8	903.9	865.4	825.6	778.1	696.5	593.9	502.0
32.5°	1175.7	1118.1	1061.1	1009.8	952.8	906.3	865.4	823.3	768.7	664.7	558.7
30°	1005.4	1131.9	1157.4	1086.1	1011.7	947.5	900.1	858.2	807.4	736.4	615.9
27.5°	977.1	969.7	1109.8	1166.0	1074.4	996.4	937.3	888.7	843.2	781.0	681.2
25°	1057.0	992.0	978.7	1107.1	1149.5	1052.6	981.2	923.1	870.5	817.9	758.7
22.5°	1213.1	1081.2	996.3	978.8	1137.9	1125.1	1034.2	959.2	902.2	868.6	812.3
20°	1469.1	1224.3	1072.6	998.0	1031.6	1192.9	1088.1	1008.5	955.9	915.6	861.9
17.5°	1725.6	1450.1	1188.0	1037.1	1001.3	1115.5	1152.5	1067.9	1002.7	963.8	911.4
15°	1958.9	1659.6	1364.8	1137.8	1019.7	1040.9	1209.0	1122.8	1046.7	1008.4	952.0
12.5°	2109.1	1844.4	1525.8	1227.4	1052.5	1014.4	1176.6	1171.7	1093.0	1034.5	978.3
10°	2249.0	1974.0	1663.6	1351.2	1122.5	1029.3	1128.6	1212.0	1129.9	1055.5	999.3
7.5°	2418.9	2052.3	1766.1	1446.4	1168.6	1035.7	1091.5	1248.6	1163.8	1076.8	1015.8
5°	2523.6	2106.3	1826.9	1501.4	1189.8	1035.5	1063.4	1281.2	1193.9	1097.2	1028.2
2.5°	2588.8	2136.4	1856.6	1531.0	1195.7	1030.1	1051.0	1311.1	1223.5	1109.0	1031.5
0°	2598.2	2132.2	1874.0	1542.1	1193.5	1019.2	1059.4	1337.6	1250.5	1116.4	1032.6
-2.5°	2588.8	2136.4	1856.6	1531.0	1195.7	1030.1	1051.0	1311.1	1223.5	1109.0	1031.5
-5°	2523.6	2106.3	1826.9	1501.4	1189.8	1035.5	1063.4	1281.2	1193.9	1097.2	1028.2
-7.5°	2418.9	2052.3	1766.1	1446.4	1168.6	1035.7	1091.5	1248.6	1163.8	1076.8	1015.8
-10°	2249.0	1974.0	1663.6	1351.2	1122.5	1029.3	1128.6	1212.0	1129.9	1055.5	999.3
-12.5°	2109.1	1844.4	1525.8	1227.4	1052.5	1014.4	1176.6	1171.7	1093.0	1034.5	978.3
-15°	1958.9	1659.6	1364.8	1137.8	1019.7	1040.9	1209.0	1122.8	1046.7	1008.4	952.0
-17.5°	1725.6	1450.1	1188.0	1037.1	1001.3	1115.5	1152.5	1067.9	1002.7	963.8	911.4
-20°	1469.1	1224.3	1072.6	998.0	1031.6	1192.9	1088.1	1008.5	955.9	915.6	861.9



REPORT NUMBER: P559257 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1213.1	1081.2	996.3	978.8	1137.9	1125.1	1034.2	959.2	902.2	868.6	812.3
-25°	1057.0	992.0	978.7	1107.1	1149.5	1052.6	981.2	923.1	870.5	817.9	758.7
-27.5°	977.1	969.7	1109.8	1166.0	1074.4	996.4	937.3	888.7	843.2	781.0	681.2
-30°	1005.4	1131.9	1157.4	1086.1	1011.7	947.5	900.1	858.2	807.4	736.4	615.9
-32.5°	1175.7	1118.1	1061.1	1009.8	952.8	906.3	865.4	823.3	768.7	664.7	558.7
-35°	1065.8	1019.8	978.1	940.8	903.9	865.4	825.6	778.1	696.5	593.9	502.0
-37.5°	979.0	942.2	915.1	886.0	856.6	818.7	773.3	701.6	612.4	531.2	454.6
-40°	909.8	884.3	863.8	839.8	802.3	759.2	688.5	608.3	538.2	474.0	410.4
-42.5°	850.6	834.3	811.4	776.7	731.0	660.9	590.7	526.8	468.9	419.3	374.2
-45°	786.1	763.7	735.5	681.4	619.9	563.1	502.7	454.2	409.6	374.0	338.4
-47.5°	692.3	653.7	611.0	573.2	526.8	477.5	433.9	391.6	363.7	333.5	308.2
-50°	562.2	537.5	509.9	482.1	449.6	410.9	377.9	347.9	323.6	300.9	278.1
-52.5°	460.5	443.3	426.3	406.8	387.0	360.5	333.7	310.3	288.6	269.4	249.3
-55°	383.7	367.7	358.7	348.4	337.5	317.6	296.7	276.0	256.9	239.4	217.7
-57.5°	323.8	307.5	304.3	299.9	294.3	280.0	262.7	244.8	223.3	203.7	184.9
-60°	278.7	260.2	259.5	257.9	255.2	245.6	227.1	207.3	186.1	172.3	158.7
-62.5°	242.2	219.1	218.7	216.7	213.2	205.4	188.3	172.8	158.7	146.5	136.5
-65°	208.7	180.3	174.7	173.6	170.5	165.2	152.3	142.6	135.7	129.8	118.0
-67.5°	181.2	148.0	135.9	134.2	132.5	129.5	124.0	119.0	114.9	110.3	99.1
-70°	151.4	120.2	106.0	104.7	102.9	100.7	98.1	95.1	91.8	86.2	75.2
-72.5°	113.6	92.2	80.3	79.3	77.7	76.0	73.6	69.7	63.8	55.8	48.6
-75°	77.5	65.6	57.5	56.7	55.4	53.7	50.9	46.4	41.6	36.7	32.3
-77.5°	49.6	42.8	37.6	36.9	35.8	34.3	32.0	28.4	25.6	22.8	20.5
-80°	27.1	24.2	21.8	21.2	20.4	19.3	17.9	16.0	14.3	13.0	12.2
-82.5°	12.2	11.9	11.5	11.1	10.7	10.2	9.7	9.2	8.7	8.1	7.5
-85°	6.3	6.2	6.1	6.0	5.8	5.7	5.5	5.3	5.2	5.0	4.8
-87.5°	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4
-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: P559257 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-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°	2.3	2.2	2.1	2.0	2.3	2.5	2.7	2.8	2.6	2.3	2.0
85°	4.6	4.3	4.1	3.9	4.4	5.1	5.4	5.7	5.1	4.6	4.0
82.5°	6.9	6.5	6.1	5.8	5.8	5.9	6.2	6.7	6.7	6.7	6.0
80°	11.4	10.5	9.6	8.6	7.6	6.7	6.6	6.7	6.7	6.7	6.7
77.5°	18.7	16.4	13.9	12.4	11.2	10.0	8.7	7.4	6.7	6.7	6.7
75°	28.6	26.2	23.6	20.2	16.5	13.2	11.7	10.3	8.8	7.0	6.7
72.5°	44.3	39.7	34.9	29.3	24.6	20.1	16.1	13.2	11.8	9.8	7.4
70°	64.3	55.1	48.8	41.6	34.0	27.1	22.1	18.3	14.8	12.7	10.2
67.5°	87.3	74.6	64.2	54.1	45.0	36.6	28.5	24.1	20.2	15.7	12.9
65°	104.8	91.9	79.3	67.8	56.5	46.1	37.0	30.7	25.6	20.8	15.7
62.5°	123.2	107.5	93.9	81.1	68.6	56.5	45.7	39.4	31.7	25.8	19.8
60°	144.0	128.2	109.3	94.6	80.6	67.0	56.1	48.3	40.1	30.9	24.3
57.5°	169.0	151.0	129.5	109.3	92.8	77.6	67.1	58.4	48.5	38.1	29.0
55°	195.9	174.9	149.2	126.0	105.7	88.6	79.2	69.3	57.4	45.9	33.9
52.5°	226.6	198.6	169.8	142.8	119.4	101.5	92.9	80.4	67.8	53.8	41.4
50°	255.2	223.5	190.9	160.8	132.8	118.2	107.3	93.9	78.4	62.2	49.5
47.5°	279.0	246.2	212.8	178.7	148.4	136.2	124.0	108.0	89.0	71.8	57.8
45°	303.2	266.8	232.8	197.8	169.6	156.5	142.3	122.7	102.4	83.3	66.4
42.5°	327.3	288.3	250.6	215.7	193.9	177.2	161.5	140.0	116.0	95.3	76.3
40°	357.8	310.2	268.2	237.3	217.6	197.5	180.3	158.3	130.3	108.5	87.1
37.5°	387.6	335.0	287.8	260.4	240.1	218.5	198.6	177.2	148.3	123.5	98.1
35°	426.0	361.2	315.4	284.6	260.6	238.7	216.5	195.5	169.0	138.7	109.3
32.5°	463.0	394.0	347.0	309.2	280.1	257.9	234.1	218.6	190.5	154.0	120.7
30°	512.6	437.8	378.0	332.4	299.5	275.2	256.2	244.5	212.8	169.4	132.4
27.5°	574.0	480.8	409.7	358.3	319.9	292.4	285.5	273.1	235.7	186.1	145.1
25°	636.4	531.8	447.9	384.3	338.9	321.5	314.5	303.9	259.5	204.9	157.7
22.5°	705.3	583.7	484.9	409.0	371.4	349.5	342.1	330.1	284.6	223.7	169.9
20°	772.0	632.8	522.8	450.0	406.5	379.6	368.1	355.9	310.8	242.3	181.9
17.5°	832.7	687.9	576.0	494.9	442.1	409.0	393.1	381.1	337.7	260.7	193.6
15°	873.3	746.9	625.7	536.9	476.2	437.7	417.4	405.9	364.9	278.7	201.9
12.5°	907.7	798.5	670.5	575.9	508.8	465.6	440.8	430.2	392.1	290.3	206.2
10°	936.4	842.9	710.5	612.1	539.9	492.7	463.6	447.3	402.6	296.1	210.1
7.5°	960.0	880.5	746.0	645.4	565.4	506.3	467.0	450.4	408.8	300.5	213.3
5°	976.6	902.6	762.9	654.0	567.4	505.2	467.1	452.9	413.1	303.5	215.8
2.5°	979.0	904.9	767.2	656.9	567.8	502.9	466.7	454.7	415.4	305.0	217.3
0°	978.9	901.8	767.7	657.1	566.6	499.5	466.0	455.9	415.7	305.1	217.9
-2.5°	979.0	904.9	767.2	656.9	567.8	502.9	466.7	454.7	415.4	305.0	217.3
-5°	976.6	902.6	762.9	654.0	567.4	505.2	467.1	452.9	413.1	303.5	215.8
-7.5°	960.0	880.5	746.0	645.4	565.4	506.3	467.0	450.4	408.8	300.5	213.3
-10°	936.4	842.9	710.5	612.1	539.9	492.7	463.6	447.3	402.6	296.1	210.1
-12.5°	907.7	798.5	670.5	575.9	508.8	465.6	440.8	430.2	392.1	290.3	206.2
-15°	873.3	746.9	625.7	536.9	476.2	437.7	417.4	405.9	364.9	278.7	201.9
-17.5°	832.7	687.9	576.0	494.9	442.1	409.0	393.1	381.1	337.7	260.7	193.6
-20°	772.0	632.8	522.8	450.0	406.5	379.6	368.1	355.9	310.8	242.3	181.9



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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°	705.3	583.7	484.9	409.0	371.4	349.5	342.1	330.1	284.6	223.7	169.9
-25°	636.4	531.8	447.9	384.3	338.9	321.5	314.5	303.9	259.5	204.9	157.7
-27.5°	574.0	480.8	409.7	358.3	319.9	292.4	285.5	273.1	235.7	186.1	145.1
-30°	512.6	437.8	378.0	332.4	299.5	275.2	256.2	244.5	212.8	169.4	132.4
-32.5°	463.0	394.0	347.0	309.2	280.1	257.9	234.1	218.6	190.5	154.0	120.7
-35°	426.0	361.2	315.4	284.6	260.6	238.7	216.5	195.5	169.0	138.7	109.3
-37.5°	387.6	335.0	287.8	260.4	240.1	218.5	198.6	177.2	148.3	123.5	98.1
-40°	357.8	310.2	268.2	237.3	217.6	197.5	180.3	158.3	130.3	108.5	87.1
-42.5°	327.3	288.3	250.6	215.7	193.9	177.2	161.5	140.0	116.0	95.3	76.3
-45°	303.2	266.8	232.8	197.8	169.6	156.5	142.3	122.7	102.4	83.3	66.4
-47.5°	279.0	246.2	212.8	178.7	148.4	136.2	124.0	108.0	89.0	71.8	57.8
-50°	255.2	223.5	190.9	160.8	132.8	118.2	107.3	93.9	78.4	62.2	49.5
-52.5°	226.6	198.6	169.8	142.8	119.4	101.5	92.9	80.4	67.8	53.8	41.4
-55°	195.9	174.9	149.2	126.0	105.7	88.6	79.2	69.3	57.4	45.9	33.9
-57.5°	169.0	151.0	129.5	109.3	92.8	77.6	67.1	58.4	48.5	38.1	29.0
-60°	144.0	128.2	109.3	94.6	80.6	67.0	56.1	48.3	40.1	30.9	24.3
-62.5°	123.2	107.5	93.9	81.1	68.6	56.5	45.7	39.4	31.7	25.8	19.8
-65°	104.8	91.9	79.3	67.8	56.5	46.1	37.0	30.7	25.6	20.8	15.7
-67.5°	87.3	74.6	64.2	54.1	45.0	36.6	28.5	24.1	20.2	15.7	12.9
-70°	64.3	55.1	48.8	41.6	34.0	27.1	22.1	18.3	14.8	12.7	10.2
-72.5°	44.3	39.7	34.9	29.3	24.6	20.1	16.1	13.2	11.8	9.8	7.4
-75°	28.6	26.2	23.6	20.2	16.5	13.2	11.7	10.3	8.8	7.0	6.7
-77.5°	18.7	16.4	13.9	12.4	11.2	10.0	8.7	7.4	6.7	6.7	6.7
-80°	11.4	10.5	9.6	8.6	7.6	6.7	6.6	6.7	6.7	6.7	6.7
-82.5°	6.9	6.5	6.1	5.8	5.8	5.9	6.2	6.7	6.7	6.7	6.0
-85°	4.6	4.3	4.1	3.9	4.4	5.1	5.4	5.7	5.1	4.6	4.0
-87.5°	2.3	2.2	2.1	2.0	2.3	2.5	2.7	2.8	2.6	2.3	2.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.7	1.4	1.2	0.9	0.6	0.3	0.0
85°	3.5	2.9	2.3	1.7	1.2	0.6	0.0
82.5°	5.2	4.3	3.5	2.6	1.7	0.9	0.0
80°	6.7	5.8	4.6	3.5	2.3	1.2	0.0
77.5°	6.7	6.7	5.8	4.3	2.9	1.4	0.0
75°	6.7	6.7	6.7	5.2	3.5	1.7	0.0
72.5°	6.7	6.7	6.7	6.0	4.0	2.0	0.0
70°	7.0	6.7	6.7	6.7	4.6	2.3	0.0
67.5°	9.6	6.7	6.7	6.7	5.1	2.6	0.0
65°	12.1	7.8	6.7	6.7	5.7	2.8	0.0
62.5°	14.6	10.0	6.7	6.7	6.2	3.1	0.0
60°	17.2	12.3	6.7	6.7	6.7	3.3	0.0
57.5°	21.4	14.5	8.4	6.7	6.7	3.6	0.0
55°	26.1	16.6	10.2	6.7	6.8	3.8	0.0
52.5°	30.8	19.1	12.0	6.7	6.9	4.1	0.0
50°	35.6	23.3	13.7	6.7	6.9	4.3	0.0
47.5°	40.9	27.6	15.5	7.0	7.0	4.5	0.0
45°	48.4	31.8	17.1	8.3	7.1	4.7	0.0
42.5°	56.0	36.1	18.8	9.5	7.2	4.9	0.0
40°	63.7	40.3	21.2	10.7	7.3	5.1	0.0
37.5°	71.5	44.6	24.5	11.8	7.5	5.3	0.0
35°	79.3	50.1	27.7	12.8	7.6	5.5	0.0
32.5°	87.6	56.3	30.9	13.7	7.8	5.7	0.0
30°	96.7	62.3	33.9	14.5	7.9	5.8	0.0
27.5°	105.7	68.2	35.9	15.2	8.1	5.9	0.0
25°	114.7	74.0	37.5	15.8	8.3	6.1	0.0
22.5°	123.4	78.5	38.7	16.3	8.5	6.2	0.0
20°	131.9	80.1	39.6	16.7	8.7	6.3	0.0
17.5°	136.4	81.2	40.1	16.9	8.9	6.4	0.0
15°	138.0	81.6	40.4	17.1	9.0	6.5	0.0
12.5°	139.0	81.6	40.4	17.2	9.2	6.5	0.0
10°	139.4	80.9	40.1	17.3	9.4	6.6	0.0
7.5°	139.1	79.8	39.6	17.2	9.6	6.6	0.0
5°	138.1	78.2	38.9	17.1	9.8	6.7	0.0
2.5°	136.4	76.2	38.0	17.0	9.9	6.7	0.0
0°	134.1	73.8	36.9	16.8	10.1	6.7	0.0
-2.5°	136.4	76.2	38.0	17.0	9.9	6.7	0.0
-5°	138.1	78.2	38.9	17.1	9.8	6.7	0.0
-7.5°	139.1	79.8	39.6	17.2	9.6	6.6	0.0
-10°	139.4	80.9	40.1	17.3	9.4	6.6	0.0
-12.5°	139.0	81.6	40.4	17.2	9.2	6.5	0.0
-15°	138.0	81.6	40.4	17.1	9.0	6.5	0.0
-17.5°	136.4	81.2	40.1	16.9	8.9	6.4	0.0
-20°	131.9	80.1	39.6	16.7	8.7	6.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	123.4	78.5	38.7	16.3	8.5	6.2	0.0
-25°	114.7	74.0	37.5	15.8	8.3	6.1	0.0
-27.5°	105.7	68.2	35.9	15.2	8.1	5.9	0.0
-30°	96.7	62.3	33.9	14.5	7.9	5.8	0.0
-32.5°	87.6	56.3	30.9	13.7	7.8	5.7	0.0
-35°	79.3	50.1	27.7	12.8	7.6	5.5	0.0
-37.5°	71.5	44.6	24.5	11.8	7.5	5.3	0.0
-40°	63.7	40.3	21.2	10.7	7.3	5.1	0.0
-42.5°	56.0	36.1	18.8	9.5	7.2	4.9	0.0
-45°	48.4	31.8	17.1	8.3	7.1	4.7	0.0
-47.5°	40.9	27.6	15.5	7.0	7.0	4.5	0.0
-50°	35.6	23.3	13.7	6.7	6.9	4.3	0.0
-52.5°	30.8	19.1	12.0	6.7	6.9	4.1	0.0
-55°	26.1	16.6	10.2	6.7	6.8	3.8	0.0
-57.5°	21.4	14.5	8.4	6.7	6.7	3.6	0.0
-60°	17.2	12.3	6.7	6.7	6.7	3.3	0.0
-62.5°	14.6	10.0	6.7	6.7	6.2	3.1	0.0
-65°	12.1	7.8	6.7	6.7	5.7	2.8	0.0
-67.5°	9.6	6.7	6.7	6.7	5.1	2.6	0.0
-70°	7.0	6.7	6.7	6.7	4.6	2.3	0.0
-72.5°	6.7	6.7	6.7	6.0	4.0	2.0	0.0
-75°	6.7	6.7	6.7	5.2	3.5	1.7	0.0
-77.5°	6.7	6.7	5.8	4.3	2.9	1.4	0.0
-80°	6.7	5.8	4.6	3.5	2.3	1.2	0.0
-82.5°	5.2	4.3	3.5	2.6	1.7	0.9	0.0
-85°	3.5	2.9	2.3	1.7	1.2	0.6	0.0
-87.5°	1.7	1.4	1.2	0.9	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)