

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: P559136 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-927-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559136 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6B-927-U-TS-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, TIGHT SPOT N2
Light Source: (96) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

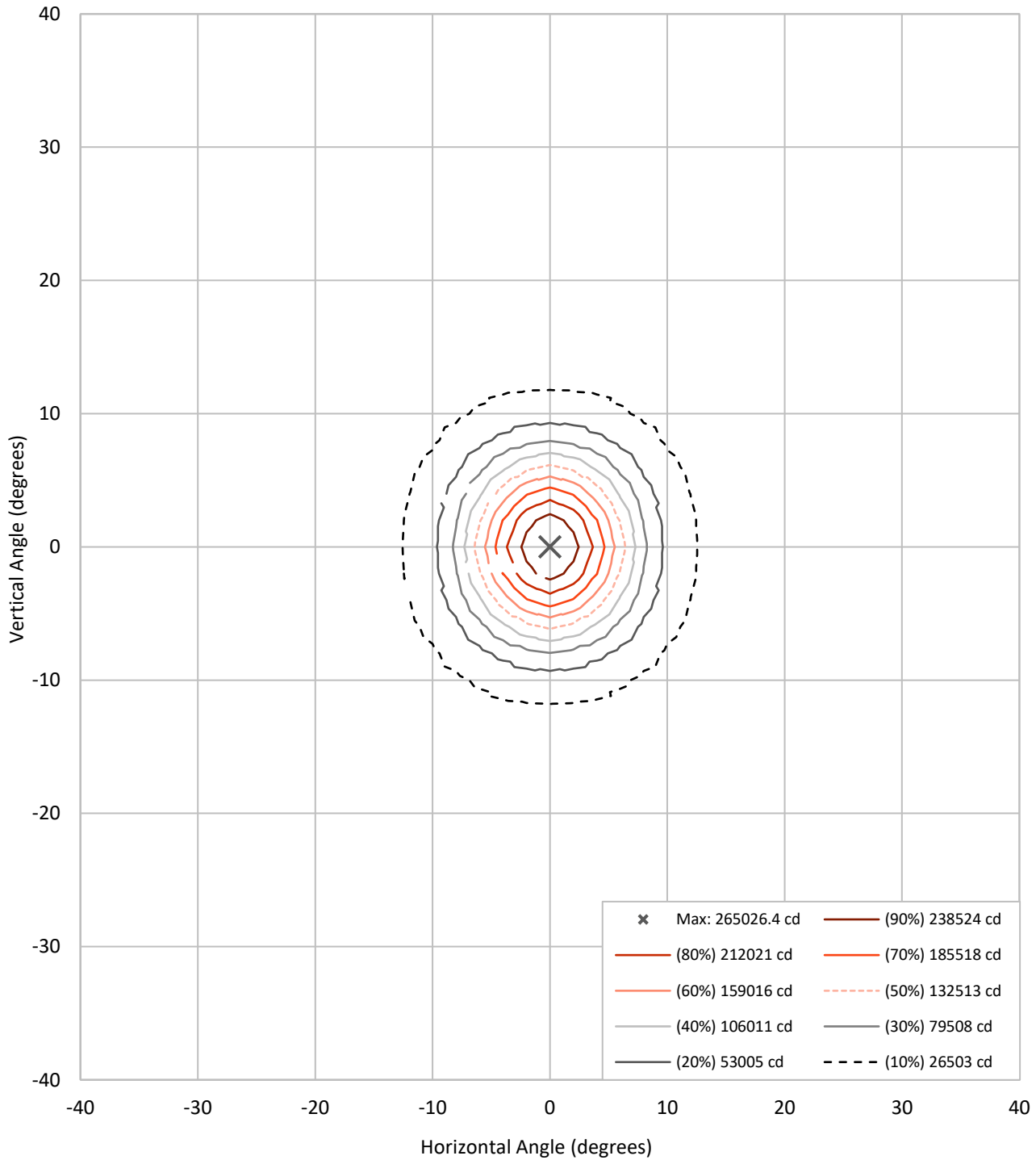
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	19210.9 lumens	Max Intensity:	265026.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	103.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	6070.3 lumens	Field Lumens:	13447.9 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 185
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





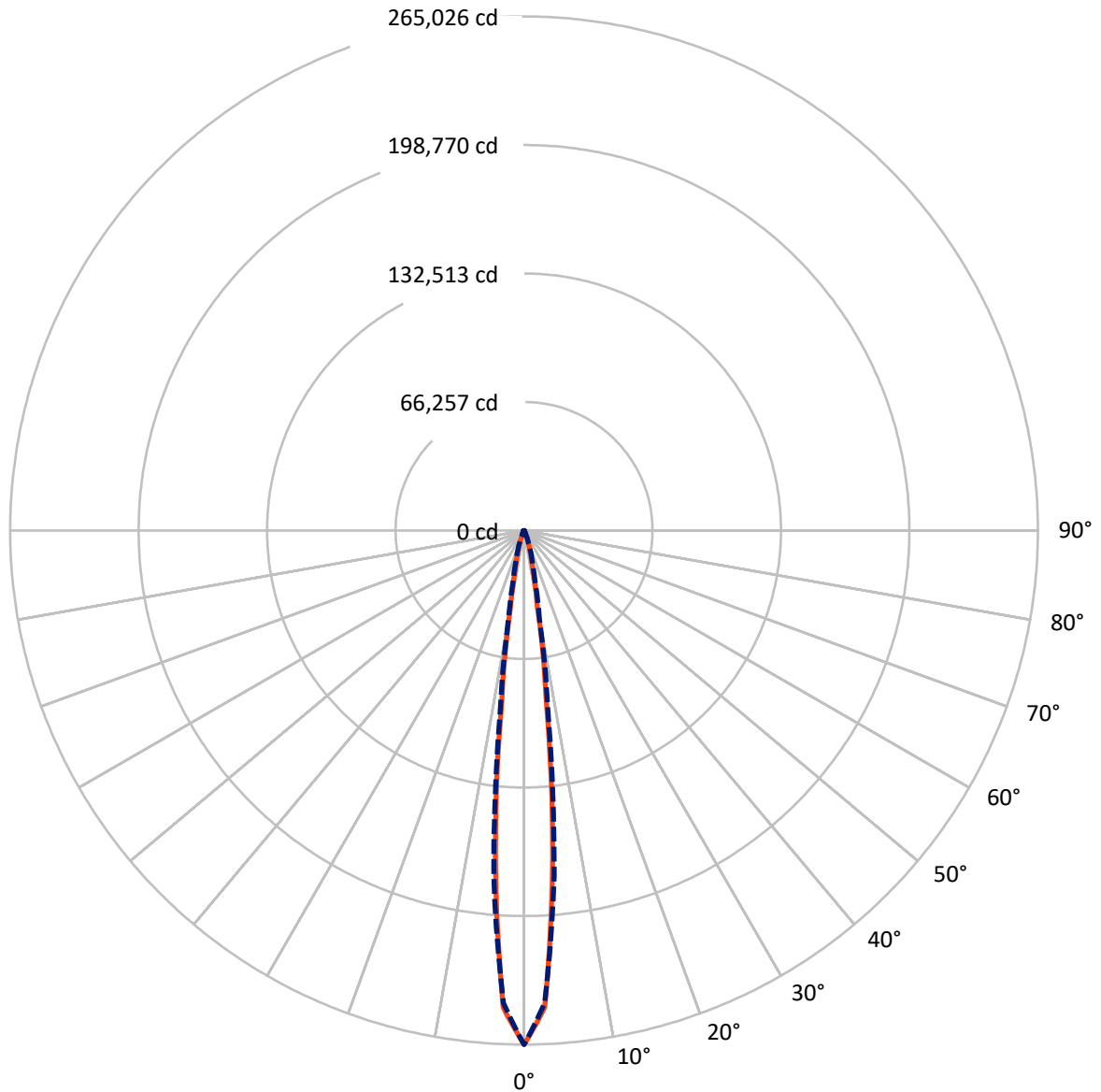
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Lumen Table

90	0.3	2.2		6.1		9.9		11.5		9.9		6.1		2.2		0.3			
80	0.3	2.2		6.1		9.9		11.5		9.9		6.1		2.2		0.3			
70	1.0	1.2	2.5	4.1	5.6	6.9	7.9	8.4	8.4	7.9	6.9	5.6	4.1	2.5	1.2	1.0			
60		1.8	3.7	5.6	7.3	8.6	9.4	9.8	9.8	9.4	8.6	7.3	5.6	3.7	1.8				
50	1.9	2.4	4.6	6.5	8.2	9.6	10.7	11.2	11.2	10.7	9.6	8.2	6.5	4.6	2.4	1.9			
40		2.9	5.1	7.1	9.1	11.7	14.7	16.5	16.5	14.7	11.7	9.1	7.1	5.1	2.9				
30	2.5	3.2	5.4	7.5	10.7	16.6	36.9	67.0	67.0	36.9	16.6	10.7	7.5	5.4	3.2	2.5			
20		3.4	5.6	8.0	12.7	35.7	201.4	443.2	443.2	201.4	35.7	12.7	8.0	5.6	3.4				
10	2.7	3.4	5.6	8.2	14.0	68.5	483.6	3128.3	3128.3	483.6	68.5	14.0	8.2	5.6	3.4	2.7			
0		3.4	5.6	8.2	14.0	68.5	483.6	3128.3	3128.3	483.6	68.5	14.0	8.2	5.6	3.4				
-10	2.5	3.4	5.6	8.0	12.7	35.7	201.4	443.2	443.2	201.4	35.7	12.7	8.0	5.6	3.4	2.5			
-20		3.2	5.4	7.5	10.7	16.6	36.9	67.0	67.0	36.9	16.6	10.7	7.5	5.4	3.2				
-30	1.9	2.9	5.1	7.1	9.1	11.7	14.7	16.5	16.5	14.7	11.7	9.1	7.1	5.1	2.9	1.9			
-40		2.4	4.6	6.5	8.2	9.6	10.7	11.2	11.2	10.7	9.6	8.2	6.5	4.6	2.4				
-50	1.0	1.8	3.7	5.6	7.3	8.6	9.4	9.8	9.8	9.4	8.6	7.3	5.6	3.7	1.8	1.0			
-60		1.2	2.5	4.1	5.6	6.9	7.9	8.4	8.4	7.9	6.9	5.6	4.1	2.5	1.2				
-70	0.3	2.2		6.1		9.9		11.5		9.9		6.1		2.2		0.3			
-80		2.2		6.1		9.9		11.5		9.9		6.1		2.2					
-90	0.3	2.2		6.1		9.9		11.5		9.9		6.1		2.2		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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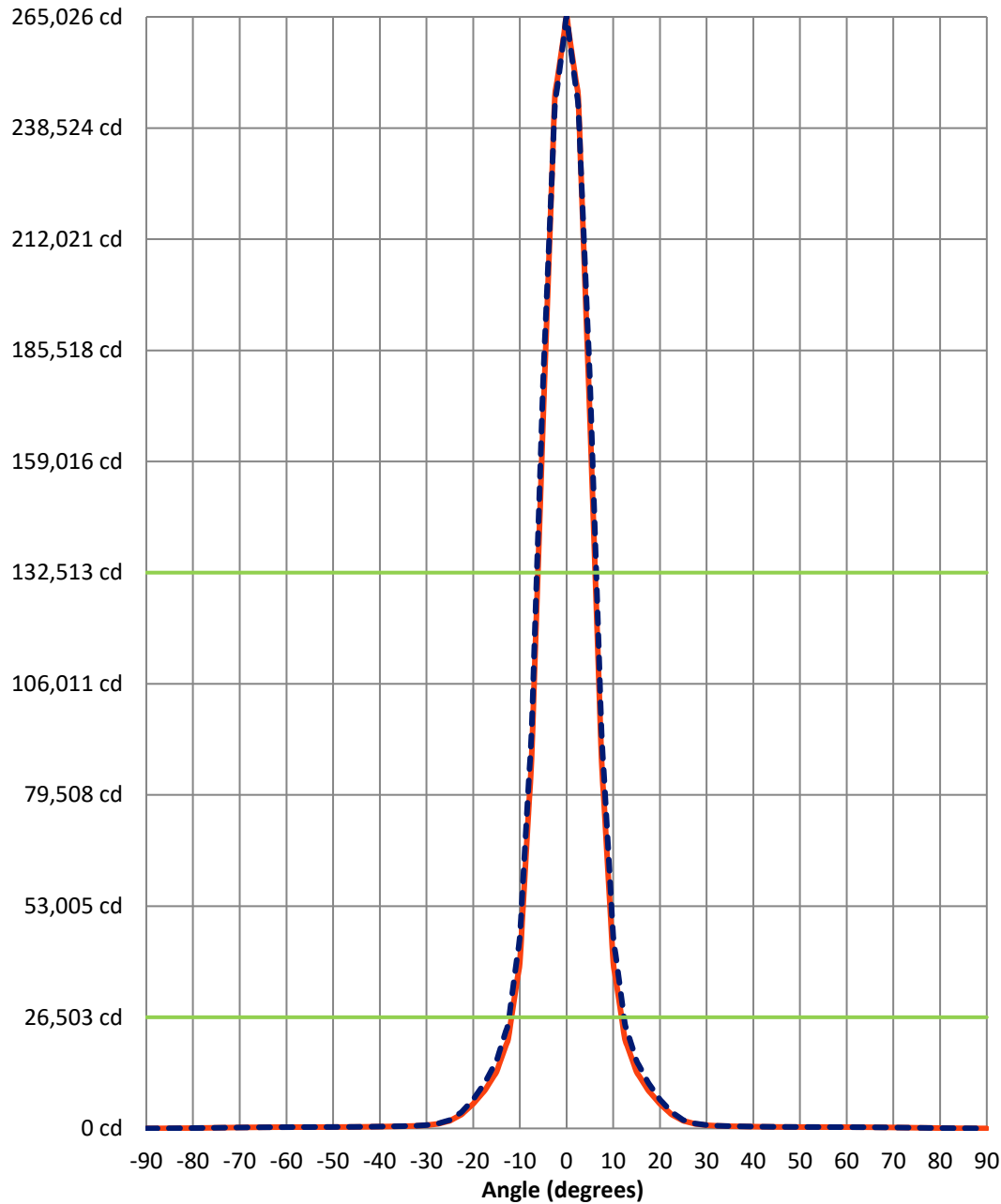
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 12.7°
 V Angle: 12.3°
 Lumens: 6070.3
 Efficiency: 31.6%

Field:
 H Angle: 24.6°
 V Angle: 23.6°
 Lumens: 13447.9
 Efficiency: 70.0%

Spill:
 Lumens: 5763
 Efficiency: 30.0%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.6	1.2	1.8	2.3	2.8	3.2	3.8	4.3	4.8	5.3
85°	0.0	1.2	2.5	3.6	4.7	5.6	6.5	7.5	8.5	9.6	10.6
82.5°	0.0	1.9	3.7	5.4	7.0	8.4	9.7	11.2	12.9	15.3	17.7
80°	0.0	2.5	5.0	7.2	9.3	11.2	13.1	16.1	19.3	22.5	25.9
77.5°	0.0	3.1	6.2	9.0	11.6	14.3	17.6	21.5	25.5	29.7	34.1
75°	0.0	3.7	7.4	10.8	14.0	18.1	22.1	26.8	31.8	37.5	43.0
72.5°	0.0	4.3	8.6	12.5	17.0	21.8	26.6	32.3	39.2	45.6	51.8
70°	0.0	4.9	9.8	14.3	19.9	25.5	31.2	38.9	46.5	53.8	63.8
67.5°	0.0	5.5	10.9	16.5	22.9	29.1	36.8	45.3	53.7	64.8	76.3
65°	0.0	6.0	12.1	18.7	25.7	33.2	42.3	51.7	63.1	75.6	88.8
62.5°	0.0	6.6	13.2	20.8	28.5	37.6	47.7	59.0	72.3	86.3	101.7
60°	0.0	7.1	14.3	22.9	31.3	41.9	52.9	66.7	81.2	97.7	114.4
57.5°	0.0	7.7	15.6	24.9	34.6	46.1	59.1	74.1	90.8	108.9	127.2
55°	0.0	8.2	16.9	26.9	37.8	50.2	65.4	81.3	100.5	119.9	139.9
52.5°	0.0	8.7	18.2	28.8	40.9	54.3	71.4	89.5	109.8	131.0	152.2
50°	0.0	9.2	19.4	30.6	43.9	59.2	77.3	97.5	119.1	141.8	164.5
47.5°	0.0	9.7	20.5	32.5	46.8	63.9	83.0	105.2	128.3	152.2	176.4
45°	0.0	10.1	21.7	34.6	49.6	68.4	89.3	112.6	137.3	162.6	188.0
42.5°	0.0	10.5	22.7	36.6	52.2	72.7	95.3	119.9	145.9	172.6	198.0
40°	0.0	11.0	23.8	38.4	55.2	76.9	101.0	127.0	154.2	182.3	207.2
37.5°	0.0	11.3	24.7	40.1	58.3	80.8	106.4	133.8	162.3	191.0	216.1
35°	0.0	11.7	25.6	41.7	61.3	84.9	111.5	140.3	169.8	198.4	224.1
32.5°	0.0	12.1	26.5	43.2	64.0	88.8	116.3	146.3	176.9	205.3	231.0
30°	0.0	12.4	27.3	44.6	66.6	92.5	121.1	152.0	183.5	211.8	237.3
27.5°	0.0	12.7	28.1	45.9	69.0	95.9	125.6	157.3	189.2	217.7	243.2
25°	0.0	13.0	28.8	47.0	71.2	99.0	129.7	162.1	194.1	222.8	248.6
22.5°	0.0	13.2	29.4	48.0	73.2	101.8	133.4	166.5	198.4	227.1	252.7
20°	0.0	13.4	29.9	48.9	75.0	104.4	136.7	170.4	202.3	231.1	256.4
17.5°	0.0	13.6	30.4	49.7	76.6	106.7	139.8	173.8	205.8	234.5	259.7
15°	0.0	13.8	30.9	50.3	78.0	108.6	142.4	176.7	208.7	237.4	262.6
12.5°	0.0	14.0	31.3	50.8	79.3	110.3	144.7	179.2	211.2	239.8	265.1
10°	0.0	14.1	31.6	51.3	80.3	111.7	146.6	181.1	213.1	241.8	267.0
7.5°	0.0	14.2	31.8	51.5	81.1	112.8	148.0	182.5	214.6	243.2	268.4
5°	0.0	14.2	32.0	51.7	81.6	113.6	149.1	183.4	215.5	244.1	269.2
2.5°	0.0	14.3	32.1	51.8	82.0	114.0	149.7	183.8	216.0	244.5	269.6
0°	0.0	14.3	32.1	51.8	82.0	114.0	149.7	183.8	216.0	244.5	269.6
-2.5°	0.0	14.3	32.1	51.8	82.0	114.0	149.7	183.8	216.0	244.5	269.6
-5°	0.0	14.2	32.0	51.7	81.6	113.6	149.1	183.4	215.5	244.1	269.2
-7.5°	0.0	14.2	31.8	51.5	81.1	112.8	148.0	182.5	214.6	243.2	268.4
-10°	0.0	14.1	31.6	51.3	80.3	111.7	146.6	181.1	213.1	241.8	267.0
-12.5°	0.0	14.0	31.3	50.8	79.3	110.3	144.7	179.2	211.2	239.8	265.1
-15°	0.0	13.8	30.9	50.3	78.0	108.6	142.4	176.7	208.7	237.4	262.6
-17.5°	0.0	13.6	30.4	49.7	76.6	106.7	139.8	173.8	205.8	234.5	259.7
-20°	0.0	13.4	29.9	48.9	75.0	104.4	136.7	170.4	202.3	231.1	256.4



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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	13.2	29.4	48.0	73.2	101.8	133.4	166.5	198.4	227.1	252.7
-25°	0.0	13.0	28.8	47.0	71.2	99.0	129.7	162.1	194.1	222.8	248.6
-27.5°	0.0	12.7	28.1	45.9	69.0	95.9	125.6	157.3	189.2	217.7	243.2
-30°	0.0	12.4	27.3	44.6	66.6	92.5	121.1	152.0	183.5	211.8	237.3
-32.5°	0.0	12.1	26.5	43.2	64.0	88.8	116.3	146.3	176.9	205.3	231.0
-35°	0.0	11.7	25.6	41.7	61.3	84.9	111.5	140.3	169.8	198.4	224.1
-37.5°	0.0	11.3	24.7	40.1	58.3	80.8	106.4	133.8	162.3	191.0	216.1
-40°	0.0	11.0	23.8	38.4	55.2	76.9	101.0	127.0	154.2	182.3	207.2
-42.5°	0.0	10.5	22.7	36.6	52.2	72.7	95.3	119.9	145.9	172.6	198.0
-45°	0.0	10.1	21.7	34.6	49.6	68.4	89.3	112.6	137.3	162.6	188.0
-47.5°	0.0	9.7	20.5	32.5	46.8	63.9	83.0	105.2	128.3	152.2	176.4
-50°	0.0	9.2	19.4	30.6	43.9	59.2	77.3	97.5	119.1	141.8	164.5
-52.5°	0.0	8.7	18.2	28.8	40.9	54.3	71.4	89.5	109.8	131.0	152.2
-55°	0.0	8.2	16.9	26.9	37.8	50.2	65.4	81.3	100.5	119.9	139.9
-57.5°	0.0	7.7	15.6	24.9	34.6	46.1	59.1	74.1	90.8	108.9	127.2
-60°	0.0	7.1	14.3	22.9	31.3	41.9	52.9	66.7	81.2	97.7	114.4
-62.5°	0.0	6.6	13.2	20.8	28.5	37.6	47.7	59.0	72.3	86.3	101.7
-65°	0.0	6.0	12.1	18.7	25.7	33.2	42.3	51.7	63.1	75.6	88.8
-67.5°	0.0	5.5	10.9	16.5	22.9	29.1	36.8	45.3	53.7	64.8	76.3
-70°	0.0	4.9	9.8	14.3	19.9	25.5	31.2	38.9	46.5	53.8	63.8
-72.5°	0.0	4.3	8.6	12.5	17.0	21.8	26.6	32.3	39.2	45.6	51.8
-75°	0.0	3.7	7.4	10.8	14.0	18.1	22.1	26.8	31.8	37.5	43.0
-77.5°	0.0	3.1	6.2	9.0	11.6	14.3	17.6	21.5	25.5	29.7	34.1
-80°	0.0	2.5	5.0	7.2	9.3	11.2	13.1	16.1	19.3	22.5	25.9
-82.5°	0.0	1.9	3.7	5.4	7.0	8.4	9.7	11.2	12.9	15.3	17.7
-85°	0.0	1.2	2.5	3.6	4.7	5.6	6.5	7.5	8.5	9.6	10.6
-87.5°	0.0	0.6	1.2	1.8	2.3	2.8	3.2	3.8	4.3	4.8	5.3
-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°	5.8	6.2	6.7	7.2	7.6	8.0	8.4	8.8	9.2	9.6	9.9
85°	11.5	12.5	13.7	14.8	15.9	16.8	17.7	18.4	19.5	20.5	21.6
82.5°	19.7	21.4	22.8	24.0	25.4	26.6	27.9	30.0	32.7	35.3	37.6
80°	28.3	30.3	33.1	36.3	39.6	42.8	45.9	48.8	52.0	55.5	59.0
77.5°	38.0	42.0	46.5	51.3	55.9	61.2	66.6	72.1	77.1	81.4	85.2
75°	48.1	53.6	61.0	68.5	75.5	82.4	89.5	96.5	102.4	108.1	113.7
72.5°	59.9	68.9	77.7	86.3	95.4	104.1	112.3	120.0	127.7	135.4	142.6
70°	74.1	84.3	94.9	105.7	116.2	125.9	135.5	145.1	154.7	163.3	170.9
67.5°	88.1	100.4	112.6	124.8	136.3	147.4	158.7	169.8	180.4	189.4	197.4
65°	102.7	116.3	130.0	143.2	155.7	168.7	181.4	193.7	203.7	212.0	220.0
62.5°	116.9	132.3	147.1	161.5	175.8	190.0	202.2	213.2	223.5	232.5	241.2
60°	131.4	148.1	164.2	180.1	195.1	208.1	220.6	231.6	242.0	251.9	259.3
57.5°	145.7	163.7	181.2	197.5	211.9	225.2	237.3	248.9	257.9	265.8	273.8
55°	159.7	179.0	197.1	213.1	227.7	240.5	252.7	262.4	271.3	278.8	286.6
52.5°	173.5	193.7	211.5	227.7	241.8	254.4	265.1	274.7	283.1	290.7	297.1
50°	186.9	206.7	225.2	240.5	254.6	266.4	276.5	285.7	293.8	300.8	306.6
47.5°	198.9	219.3	236.8	252.5	265.8	277.0	286.7	295.6	303.6	309.8	315.6
45°	210.0	230.2	248.0	262.9	275.9	286.5	295.9	305.1	311.7	317.8	322.3
42.5°	220.7	240.3	257.6	273.1	284.4	294.8	304.3	312.2	319.1	324.5	329.2
40°	229.8	250.0	266.6	280.6	292.3	302.1	310.9	318.9	325.7	330.9	336.0
37.5°	238.4	257.9	274.6	287.7	298.7	308.4	317.2	324.6	331.2	336.8	343.7
35°	246.7	265.4	280.9	293.7	304.4	314.0	322.3	329.9	336.4	344.1	352.2
32.5°	253.7	272.5	286.9	298.5	309.1	318.9	327.2	334.8	342.5	351.1	361.1
30°	259.6	277.7	292.0	302.9	313.5	322.7	331.6	339.9	348.2	358.6	371.7
27.5°	265.0	282.4	295.7	306.7	317.3	326.0	335.3	344.7	354.5	366.6	383.1
25°	270.1	286.8	299.0	310.2	320.1	329.0	338.7	348.3	360.6	376.6	398.1
22.5°	274.2	290.9	301.9	313.3	322.4	331.8	341.8	352.5	366.4	385.7	413.9
20°	277.5	293.3	304.4	315.7	324.2	334.3	344.4	356.2	372.7	397.9	430.5
17.5°	280.4	295.3	306.4	317.1	326.1	336.4	346.8	359.1	377.9	409.3	445.8
15°	283.1	297.0	308.1	318.2	327.7	338.0	349.0	362.9	384.9	420.3	459.6
12.5°	285.3	298.4	309.4	319.1	329.0	339.2	350.8	366.2	392.3	430.6	473.3
10°	287.3	299.5	310.3	319.7	330.0	339.8	352.2	368.4	397.6	436.4	481.5
7.5°	288.4	300.3	310.9	320.0	330.5	340.0	353.2	369.5	400.9	439.5	485.9
5°	289.0	300.9	311.6	320.7	331.2	340.4	354.1	369.7	402.2	440.0	487.5
2.5°	289.2	301.3	312.1	321.1	331.7	341.7	355.7	371.7	403.4	442.2	488.7
0°	289.0	301.5	312.2	321.2	331.9	342.6	356.8	372.9	403.2	444.3	488.9
-2.5°	289.2	301.3	312.1	321.1	331.7	341.7	355.7	371.7	403.4	442.2	488.7
-5°	289.0	300.9	311.6	320.7	331.2	340.4	354.1	369.7	402.2	440.0	487.5
-7.5°	288.4	300.3	310.9	320.0	330.5	340.0	353.2	369.5	400.9	439.5	485.9
-10°	287.3	299.5	310.3	319.7	330.0	339.8	352.2	368.4	397.6	436.4	481.5
-12.5°	285.3	298.4	309.4	319.1	329.0	339.2	350.8	366.2	392.3	430.6	473.3
-15°	283.1	297.0	308.1	318.2	327.7	338.0	349.0	362.9	384.9	420.3	459.6
-17.5°	280.4	295.3	306.4	317.1	326.1	336.4	346.8	359.1	377.9	409.3	445.8
-20°	277.5	293.3	304.4	315.7	324.2	334.3	344.4	356.2	372.7	397.9	430.5



REPORT NUMBER: P559136 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	274.2	290.9	301.9	313.3	322.4	331.8	341.8	352.5	366.4	385.7	413.9
-25°	270.1	286.8	299.0	310.2	320.1	329.0	338.7	348.3	360.6	376.6	398.1
-27.5°	265.0	282.4	295.7	306.7	317.3	326.0	335.3	344.7	354.5	366.6	383.1
-30°	259.6	277.7	292.0	302.9	313.5	322.7	331.6	339.9	348.2	358.6	371.7
-32.5°	253.7	272.5	286.9	298.5	309.1	318.9	327.2	334.8	342.5	351.1	361.1
-35°	246.7	265.4	280.9	293.7	304.4	314.0	322.3	329.9	336.4	344.1	352.2
-37.5°	238.4	257.9	274.6	287.7	298.7	308.4	317.2	324.6	331.2	336.8	343.7
-40°	229.8	250.0	266.6	280.6	292.3	302.1	310.9	318.9	325.7	330.9	336.0
-42.5°	220.7	240.3	257.6	273.1	284.4	294.8	304.3	312.2	319.1	324.5	329.2
-45°	210.0	230.2	248.0	262.9	275.9	286.5	295.9	305.1	311.7	317.8	322.3
-47.5°	198.9	219.3	236.8	252.5	265.8	277.0	286.7	295.6	303.6	309.8	315.6
-50°	186.9	206.7	225.2	240.5	254.6	266.4	276.5	285.7	293.8	300.8	306.6
-52.5°	173.5	193.7	211.5	227.7	241.8	254.4	265.1	274.7	283.1	290.7	297.1
-55°	159.7	179.0	197.1	213.1	227.7	240.5	252.7	262.4	271.3	278.8	286.6
-57.5°	145.7	163.7	181.2	197.5	211.9	225.2	237.3	248.9	257.9	265.8	273.8
-60°	131.4	148.1	164.2	180.1	195.1	208.1	220.6	231.6	242.0	251.9	259.3
-62.5°	116.9	132.3	147.1	161.5	175.8	190.0	202.2	213.2	223.5	232.5	241.2
-65°	102.7	116.3	130.0	143.2	155.7	168.7	181.4	193.7	203.7	212.0	220.0
-67.5°	88.1	100.4	112.6	124.8	136.3	147.4	158.7	169.8	180.4	189.4	197.4
-70°	74.1	84.3	94.9	105.7	116.2	125.9	135.5	145.1	154.7	163.3	170.9
-72.5°	59.9	68.9	77.7	86.3	95.4	104.1	112.3	120.0	127.7	135.4	142.6
-75°	48.1	53.6	61.0	68.5	75.5	82.4	89.5	96.5	102.4	108.1	113.7
-77.5°	38.0	42.0	46.5	51.3	55.9	61.2	66.6	72.1	77.1	81.4	85.2
-80°	28.3	30.3	33.1	36.3	39.6	42.8	45.9	48.8	52.0	55.5	59.0
-82.5°	19.7	21.4	22.8	24.0	25.4	26.6	27.9	30.0	32.7	35.3	37.6
-85°	11.5	12.5	13.7	14.8	15.9	16.8	17.7	18.4	19.5	20.5	21.6
-87.5°	5.8	6.2	6.7	7.2	7.6	8.0	8.4	8.8	9.2	9.6	9.9
-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: P559136 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-927-U-TS-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°	10.2	10.2	10.0	9.9	9.7	9.9	10.1	10.2	10.3	10.4	10.5
85°	22.7	23.6	24.6	25.6	26.6	27.3	27.9	28.5	29.0	29.4	29.7
82.5°	39.9	41.9	43.8	45.4	46.9	48.2	49.3	50.3	51.1	51.8	52.4
80°	62.2	65.3	68.3	71.0	73.5	75.5	77.2	78.6	79.7	81.0	82.0
77.5°	89.0	93.3	97.4	101.1	104.4	107.2	109.6	111.7	113.4	115.6	117.5
75°	119.2	124.4	129.1	133.5	137.4	141.0	144.2	146.9	149.3	151.6	153.6
72.5°	149.5	155.7	161.2	165.8	170.0	174.1	178.1	181.8	185.2	187.8	189.7
70°	178.0	184.4	190.2	195.5	200.4	205.5	210.6	215.4	219.8	222.6	224.2
67.5°	204.1	210.6	217.2	223.8	229.6	234.9	240.1	244.8	249.1	252.0	253.7
65°	227.7	234.9	242.0	248.7	254.9	259.4	264.1	268.6	272.8	276.1	278.6
62.5°	249.7	256.8	262.9	268.5	273.8	278.3	282.9	287.1	290.7	293.9	296.8
60°	266.6	273.8	279.7	285.0	289.8	294.4	298.0	301.1	303.5	305.5	307.4
57.5°	281.0	287.9	293.9	298.2	302.6	306.9	310.1	312.0	313.4	314.5	315.3
55°	293.4	299.0	304.0	308.8	313.1	316.9	319.6	320.9	321.7	322.1	322.5
52.5°	303.5	308.9	314.0	318.6	321.9	325.1	327.8	328.5	328.9	329.1	329.2
50°	312.6	317.9	322.0	325.8	329.2	332.1	334.4	335.5	336.2	336.3	335.9
47.5°	320.0	324.5	329.0	333.0	336.4	339.7	342.4	343.9	345.0	345.5	345.5
45°	326.4	331.8	336.5	341.2	345.2	349.5	353.2	355.6	358.2	359.9	360.7
42.5°	334.1	339.5	344.7	351.1	357.0	362.6	368.6	374.0	379.5	385.4	389.4
40°	341.9	347.7	355.8	363.5	372.1	379.9	392.7	405.4	415.1	423.3	430.8
37.5°	350.8	359.2	369.0	378.8	392.9	407.5	423.6	439.4	453.2	465.6	475.6
35°	361.1	372.4	384.3	401.9	419.8	437.8	457.0	478.1	495.9	508.9	518.2
32.5°	373.6	387.8	406.9	429.4	451.4	474.8	498.1	521.5	539.0	557.1	575.4
30°	387.5	408.0	432.7	460.0	487.5	515.4	544.6	577.1	607.9	641.1	688.6
27.5°	405.2	430.2	459.2	491.6	524.7	557.9	608.8	664.6	747.3	813.4	925.6
25°	424.1	453.4	488.0	525.5	565.9	625.4	718.5	828.5	1023.5	1174.8	1404.2
22.5°	445.2	479.6	517.8	561.0	626.1	738.3	897.6	1180.2	1573.4	1961.8	2393.7
20°	465.9	504.1	546.0	611.2	721.9	899.4	1244.3	1855.3	2537.7	3509.4	4324.9
17.5°	485.7	526.2	579.3	667.5	833.3	1190.2	1858.3	2904.9	4330.2	5896.4	7202.5
15°	502.9	544.4	615.9	755.7	1035.7	1591.6	2600.3	4381.6	6776.4	8920.9	10833.5
12.5°	517.6	566.6	655.6	826.8	1211.4	2034.3	3652.5	6181.8	9106.3	12113.7	14534.2
10°	528.2	590.3	708.6	958.4	1490.7	2561.3	4529.5	7719.9	11241.2	14896.4	19272.1
7.5°	534.7	607.2	748.8	1056.2	1739.7	3148.0	5629.4	9093.2	13136.8	18126.7	24812.2
5°	539.3	618.6	778.6	1129.8	1906.2	3535.8	6323.9	10133.7	14772.5	21987.5	35746.6
2.5°	541.5	623.6	795.6	1170.2	1982.0	3735.2	6812.7	10729.5	15767.7	24711.1	43321.4
0°	540.6	620.9	797.5	1179.3	1992.9	3887.7	6894.0	10899.5	16103.9	24955.2	45749.8
-2.5°	541.5	623.6	795.6	1170.2	1982.0	3735.2	6812.7	10729.5	15767.7	24711.1	43321.4
-5°	539.3	618.6	778.6	1129.8	1906.2	3535.8	6323.9	10133.7	14772.5	21987.5	35746.6
-7.5°	534.7	607.2	748.8	1056.2	1739.7	3148.0	5629.4	9093.2	13136.8	18126.7	24812.2
-10°	528.2	590.3	708.6	958.4	1490.7	2561.3	4529.5	7719.9	11241.2	14896.4	19272.1
-12.5°	517.6	566.6	655.6	826.8	1211.4	2034.3	3652.5	6181.8	9106.3	12113.7	14534.2
-15°	502.9	544.4	615.9	755.7	1035.7	1591.6	2600.3	4381.6	6776.4	8920.9	10833.5
-17.5°	485.7	526.2	579.3	667.5	833.3	1190.2	1858.3	2904.9	4330.2	5896.4	7202.5
-20°	465.9	504.1	546.0	611.2	721.9	899.4	1244.3	1855.3	2537.7	3509.4	4324.9



REPORT NUMBER: P559136 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	445.2	479.6	517.8	561.0	626.1	738.3	897.6	1180.2	1573.4	1961.8	2393.7
-25°	424.1	453.4	488.0	525.5	565.9	625.4	718.5	828.5	1023.5	1174.8	1404.2
-27.5°	405.2	430.2	459.2	491.6	524.7	557.9	608.8	664.6	747.3	813.4	925.6
-30°	387.5	408.0	432.7	460.0	487.5	515.4	544.6	577.1	607.9	641.1	688.6
-32.5°	373.6	387.8	406.9	429.4	451.4	474.8	498.1	521.5	539.0	557.1	575.4
-35°	361.1	372.4	384.3	401.9	419.8	437.8	457.0	478.1	495.9	508.9	518.2
-37.5°	350.8	359.2	369.0	378.8	392.9	407.5	423.6	439.4	453.2	465.6	475.6
-40°	341.9	347.7	355.8	363.5	372.1	379.9	392.7	405.4	415.1	423.3	430.8
-42.5°	334.1	339.5	344.7	351.1	357.0	362.6	368.6	374.0	379.5	385.4	389.4
-45°	326.4	331.8	336.5	341.2	345.2	349.5	353.2	355.6	358.2	359.9	360.7
-47.5°	320.0	324.5	329.0	333.0	336.4	339.7	342.4	343.9	345.0	345.5	345.5
-50°	312.6	317.9	322.0	325.8	329.2	332.1	334.4	335.5	336.2	336.3	335.9
-52.5°	303.5	308.9	314.0	318.6	321.9	325.1	327.8	328.5	328.9	329.1	329.2
-55°	293.4	299.0	304.0	308.8	313.1	316.9	319.6	320.9	321.7	322.1	322.5
-57.5°	281.0	287.9	293.9	298.2	302.6	306.9	310.1	312.0	313.4	314.5	315.3
-60°	266.6	273.8	279.7	285.0	289.8	294.4	298.0	301.1	303.5	305.5	307.4
-62.5°	249.7	256.8	262.9	268.5	273.8	278.3	282.9	287.1	290.7	293.9	296.8
-65°	227.7	234.9	242.0	248.7	254.9	259.4	264.1	268.6	272.8	276.1	278.6
-67.5°	204.1	210.6	217.2	223.8	229.6	234.9	240.1	244.8	249.1	252.0	253.7
-70°	178.0	184.4	190.2	195.5	200.4	205.5	210.6	215.4	219.8	222.6	224.2
-72.5°	149.5	155.7	161.2	165.8	170.0	174.1	178.1	181.8	185.2	187.8	189.7
-75°	119.2	124.4	129.1	133.5	137.4	141.0	144.2	146.9	149.3	151.6	153.6
-77.5°	89.0	93.3	97.4	101.1	104.4	107.2	109.6	111.7	113.4	115.6	117.5
-80°	62.2	65.3	68.3	71.0	73.5	75.5	77.2	78.6	79.7	81.0	82.0
-82.5°	39.9	41.9	43.8	45.4	46.9	48.2	49.3	50.3	51.1	51.8	52.4
-85°	22.7	23.6	24.6	25.6	26.6	27.3	27.9	28.5	29.0	29.4	29.7
-87.5°	10.2	10.2	10.0	9.9	9.7	9.9	10.1	10.2	10.3	10.4	10.5
-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: P559136 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-927-U-TS-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°	10.6	10.7	10.7	10.7	10.7	10.7	10.6	10.5	10.4	10.3	10.2
85°	30.0	30.2	30.3	30.3	30.3	30.2	30.0	29.7	29.4	29.0	28.5
82.5°	52.9	53.2	53.4	53.5	53.4	53.2	52.9	52.4	51.8	51.1	50.3
80°	82.8	83.4	83.8	83.9	83.8	83.4	82.8	82.0	81.0	79.7	78.6
77.5°	119.2	120.6	121.1	121.3	121.1	120.6	119.2	117.5	115.6	113.4	111.7
75°	155.1	156.2	156.8	157.0	156.8	156.2	155.1	153.6	151.6	149.3	146.9
72.5°	191.0	191.8	193.3	194.5	193.3	191.8	191.0	189.7	187.8	185.2	181.8
70°	225.2	225.6	227.2	228.4	227.2	225.6	225.2	224.2	222.6	219.8	215.4
67.5°	255.0	255.9	255.8	255.1	255.8	255.9	255.0	253.7	252.0	249.1	244.8
65°	280.8	282.5	282.6	281.9	282.6	282.5	280.8	278.6	276.1	272.8	268.6
62.5°	299.6	302.1	303.1	303.3	303.1	302.1	299.6	296.8	293.9	290.7	287.1
60°	308.8	309.9	310.3	310.4	310.3	309.9	308.8	307.4	305.5	303.5	301.1
57.5°	315.7	315.6	315.7	315.8	315.7	315.6	315.7	315.3	314.5	313.4	312.0
55°	322.7	322.7	322.1	321.2	322.1	322.7	322.7	322.5	322.1	321.7	320.9
52.5°	329.0	328.4	327.5	326.5	327.5	328.4	329.0	329.2	329.1	328.9	328.5
50°	335.2	334.0	333.5	333.6	333.5	334.0	335.2	335.9	336.3	336.2	335.5
47.5°	345.2	344.4	344.1	344.3	344.1	344.4	345.2	345.5	345.5	345.0	343.9
45°	361.0	360.4	360.0	360.4	360.0	360.4	361.0	360.7	359.9	358.2	355.6
42.5°	391.7	391.9	391.7	392.5	391.7	391.9	391.7	389.4	385.4	379.5	374.0
40°	433.8	433.6	432.1	431.8	432.1	433.6	433.8	430.8	423.3	415.1	405.4
37.5°	479.7	479.8	478.3	478.2	478.3	479.8	479.7	475.6	465.6	453.2	439.4
35°	523.1	524.7	524.4	522.8	524.4	524.7	523.1	518.2	508.9	495.9	478.1
32.5°	588.3	598.3	603.5	601.3	603.5	598.3	588.3	575.4	557.1	539.0	521.5
30°	718.5	744.1	757.7	763.6	757.7	744.1	718.5	688.6	641.1	607.9	577.1
27.5°	1005.9	1062.6	1088.1	1097.3	1088.1	1062.6	1005.9	925.6	813.4	747.3	664.6
25°	1604.7	1732.8	1795.9	1816.3	1795.9	1732.8	1604.7	1404.2	1174.8	1023.5	828.5
22.5°	2869.4	3116.0	3284.7	3322.1	3284.7	3116.0	2869.4	2393.7	1961.8	1573.4	1180.2
20°	5144.8	5621.9	5880.7	5857.4	5880.7	5621.9	5144.8	4324.9	3509.4	2537.7	1855.3
17.5°	8312.8	8924.5	9215.8	9079.7	9215.8	8924.5	8312.8	7202.5	5896.4	4330.2	2904.9
15°	12186.2	13012.7	13373.3	13484.8	13373.3	13012.7	12186.2	10833.5	8920.9	6776.4	4381.6
12.5°	16950.5	19660.1	20955.8	21303.0	20955.8	19660.1	16950.5	14534.2	12113.7	9106.3	6181.8
10°	23747.8	32855.8	38273.3	39596.1	38273.3	32855.8	23747.8	19272.1	14896.4	11241.2	7719.9
7.5°	38782.1	57290.4	78023.8	87842.0	78023.8	57290.4	38782.1	24812.2	18126.7	13136.8	9093.2
5°	59142.6	102646.9	150651.1	169469.6	150651.1	102646.9	59142.6	35746.6	21987.5	14772.5	10133.7
2.5°	83894.3	154988.8	221319.0	246045.5	221319.0	154988.8	83894.3	43321.4	24711.1	15767.7	10729.5
0°	94351.6	178684.9	243845.6	265026.4	243845.6	178684.9	94351.6	45749.8	24955.2	16103.9	10899.5
-2.5°	83894.3	154988.8	221319.0	246045.4	221319.0	154988.8	83894.3	43321.4	24711.1	15767.7	10729.5
-5°	59142.6	102646.9	150651.1	169469.6	150651.1	102646.9	59142.6	35746.6	21987.5	14772.5	10133.7
-7.5°	38782.1	57290.4	78023.8	87842.0	78023.8	57290.4	38782.1	24812.2	18126.7	13136.8	9093.2
-10°	23747.8	32855.8	38273.3	39596.1	38273.3	32855.8	23747.8	19272.1	14896.4	11241.2	7719.9
-12.5°	16950.5	19660.1	20955.8	21303.0	20955.8	19660.1	16950.5	14534.2	12113.7	9106.3	6181.8
-15°	12186.2	13012.7	13373.3	13484.8	13373.3	13012.7	12186.2	10833.5	8920.9	6776.4	4381.6
-17.5°	8312.8	8924.5	9215.8	9079.7	9215.8	8924.5	8312.8	7202.5	5896.4	4330.2	2904.9
-20°	5144.8	5621.9	5880.7	5857.4	5880.7	5621.9	5144.8	4324.9	3509.4	2537.7	1855.3



REPORT NUMBER: P559136 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2869.4	3116.0	3284.7	3322.1	3284.7	3116.0	2869.4	2393.7	1961.8	1573.4	1180.2
-25°	1604.7	1732.8	1795.9	1816.3	1795.9	1732.8	1604.7	1404.2	1174.8	1023.5	828.5
-27.5°	1005.9	1062.6	1088.1	1097.3	1088.1	1062.6	1005.9	925.6	813.4	747.3	664.6
-30°	718.5	744.1	757.7	763.6	757.7	744.1	718.5	688.6	641.1	607.9	577.1
-32.5°	588.3	598.3	603.5	601.3	603.5	598.3	588.3	575.4	557.1	539.0	521.5
-35°	523.1	524.7	524.4	522.8	524.4	524.7	523.1	518.2	508.9	495.9	478.1
-37.5°	479.7	479.8	478.3	478.2	478.3	479.8	479.7	475.6	465.6	453.2	439.4
-40°	433.8	433.6	432.1	431.8	432.1	433.6	433.8	430.8	423.3	415.1	405.4
-42.5°	391.7	391.9	391.7	392.5	391.7	391.9	391.7	389.4	385.4	379.5	374.0
-45°	361.0	360.4	360.0	360.4	360.0	360.4	361.0	360.7	359.9	358.2	355.6
-47.5°	345.2	344.4	344.1	344.3	344.1	344.4	345.2	345.5	345.5	345.0	343.9
-50°	335.2	334.0	333.5	333.6	333.5	334.0	335.2	335.9	336.3	336.2	335.5
-52.5°	329.0	328.4	327.5	326.5	327.5	328.4	329.0	329.2	329.1	328.9	328.5
-55°	322.7	322.7	322.1	321.2	322.1	322.7	322.7	322.5	322.1	321.7	320.9
-57.5°	315.7	315.6	315.7	315.8	315.7	315.6	315.7	315.3	314.5	313.4	312.0
-60°	308.8	309.9	310.3	310.4	310.3	309.9	308.8	307.4	305.5	303.5	301.1
-62.5°	299.6	302.1	303.1	303.3	303.1	302.1	299.6	296.8	293.9	290.7	287.1
-65°	280.8	282.5	282.6	281.9	282.6	282.5	280.8	278.6	276.1	272.8	268.6
-67.5°	255.0	255.9	255.8	255.1	255.8	255.9	255.0	253.7	252.0	249.1	244.8
-70°	225.2	225.6	227.2	228.4	227.2	225.6	225.2	224.2	222.6	219.8	215.4
-72.5°	191.0	191.8	193.3	194.5	193.3	191.8	191.0	189.7	187.8	185.2	181.8
-75°	155.1	156.2	156.8	157.0	156.8	156.2	155.1	153.6	151.6	149.3	146.9
-77.5°	119.2	120.6	121.1	121.3	121.1	120.6	119.2	117.5	115.6	113.4	111.7
-80°	82.8	83.4	83.8	83.9	83.8	83.4	82.8	82.0	81.0	79.7	78.6
-82.5°	52.9	53.2	53.4	53.5	53.4	53.2	52.9	52.4	51.8	51.1	50.3
-85°	30.0	30.2	30.3	30.3	30.3	30.2	30.0	29.7	29.4	29.0	28.5
-87.5°	10.6	10.7	10.7	10.7	10.7	10.7	10.6	10.5	10.4	10.3	10.2
-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: P559136 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-927-U-TS-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°	10.1	9.9	9.7	9.9	10.0	10.2	10.2	9.9	9.6	9.2	8.8
85°	27.9	27.3	26.6	25.6	24.6	23.6	22.7	21.6	20.5	19.5	18.4
82.5°	49.3	48.2	46.9	45.4	43.8	41.9	39.9	37.6	35.3	32.7	30.0
80°	77.2	75.5	73.5	71.0	68.3	65.3	62.2	59.0	55.5	52.0	48.8
77.5°	109.6	107.2	104.4	101.1	97.4	93.3	89.0	85.2	81.4	77.1	72.1
75°	144.2	141.0	137.4	133.5	129.1	124.4	119.2	113.7	108.1	102.4	96.5
72.5°	178.1	174.1	170.0	165.8	161.2	155.7	149.5	142.6	135.4	127.7	120.0
70°	210.6	205.5	200.4	195.5	190.2	184.4	178.0	170.9	163.3	154.7	145.1
67.5°	240.1	234.9	229.6	223.8	217.2	210.6	204.1	197.4	189.4	180.4	169.8
65°	264.1	259.4	254.9	248.7	242.0	234.9	227.7	220.0	212.0	203.7	193.7
62.5°	282.9	278.3	273.8	268.5	262.9	256.8	249.7	241.2	232.5	223.5	213.2
60°	298.0	294.4	289.8	285.0	279.7	273.8	266.6	259.3	251.9	242.0	231.6
57.5°	310.1	306.9	302.6	298.2	293.9	287.9	281.0	273.8	265.8	257.9	248.9
55°	319.6	316.9	313.1	308.8	304.0	299.0	293.4	286.6	278.8	271.3	262.4
52.5°	327.8	325.1	321.9	318.6	314.0	308.9	303.5	297.1	290.7	283.1	274.7
50°	334.4	332.1	329.2	325.8	322.0	317.9	312.6	306.6	300.8	293.8	285.7
47.5°	342.4	339.7	336.4	333.0	329.0	324.5	320.0	315.6	309.8	303.6	295.6
45°	353.2	349.5	345.2	341.2	336.5	331.8	326.4	322.3	317.8	311.7	305.1
42.5°	368.6	362.6	357.0	351.1	344.7	339.5	334.1	329.2	324.5	319.1	312.2
40°	392.7	379.9	372.1	363.5	355.8	347.7	341.9	336.0	330.9	325.7	318.9
37.5°	423.6	407.5	392.9	378.8	369.0	359.2	350.8	343.7	336.8	331.2	324.6
35°	457.0	437.8	419.8	401.9	384.3	372.4	361.1	352.2	344.1	336.4	329.9
32.5°	498.1	474.8	451.4	429.4	406.9	387.8	373.6	361.1	351.1	342.5	334.8
30°	544.6	515.4	487.5	460.0	432.7	408.0	387.5	371.7	358.6	348.2	339.9
27.5°	608.8	557.9	524.7	491.6	459.2	430.2	405.2	383.1	366.6	354.5	344.7
25°	718.5	625.4	565.9	525.5	488.0	453.4	424.1	398.1	376.6	360.6	348.3
22.5°	897.6	738.3	626.1	561.0	517.8	479.6	445.2	413.9	385.7	366.4	352.5
20°	1244.3	899.4	721.9	611.2	546.0	504.1	465.9	430.5	397.9	372.7	356.2
17.5°	1858.3	1190.2	833.3	667.5	579.3	526.2	485.7	445.8	409.3	377.9	359.1
15°	2600.3	1591.6	1035.7	755.7	615.9	544.4	502.9	459.6	420.3	384.9	362.9
12.5°	3652.5	2034.3	1211.4	826.8	655.6	566.6	517.6	473.3	430.6	392.3	366.2
10°	4529.5	2561.3	1490.7	958.4	708.6	590.3	528.2	481.5	436.4	397.6	368.4
7.5°	5629.4	3148.0	1739.7	1056.2	748.8	607.2	534.7	485.9	439.5	400.9	369.5
5°	6323.9	3535.8	1906.2	1129.8	778.6	618.6	539.3	487.5	440.0	402.2	369.7
2.5°	6812.7	3735.2	1982.0	1170.2	795.6	623.6	541.5	488.7	442.2	403.4	371.7
0°	6894.0	3887.7	1992.9	1179.3	797.5	620.9	540.6	488.9	444.3	403.2	372.9
-2.5°	6812.7	3735.2	1982.0	1170.2	795.6	623.6	541.5	488.7	442.2	403.4	371.7
-5°	6323.9	3535.8	1906.2	1129.8	778.6	618.6	539.3	487.5	440.0	402.2	369.7
-7.5°	5629.4	3148.0	1739.7	1056.2	748.8	607.2	534.7	485.9	439.5	400.9	369.5
-10°	4529.5	2561.3	1490.7	958.4	708.6	590.3	528.2	481.5	436.4	397.6	368.4
-12.5°	3652.5	2034.3	1211.4	826.8	655.6	566.6	517.6	473.3	430.6	392.3	366.2
-15°	2600.3	1591.6	1035.7	755.7	615.9	544.4	502.9	459.6	420.3	384.9	362.9
-17.5°	1858.3	1190.2	833.3	667.5	579.3	526.2	485.7	445.8	409.3	377.9	359.1
-20°	1244.3	899.4	721.9	611.2	546.0	504.1	465.9	430.5	397.9	372.7	356.2



REPORT NUMBER: P559136 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	897.6	738.3	626.1	561.0	517.8	479.6	445.2	413.9	385.7	366.4	352.5
-25°	718.5	625.4	565.9	525.5	488.0	453.4	424.1	398.1	376.6	360.6	348.3
-27.5°	608.8	557.9	524.7	491.6	459.2	430.2	405.2	383.1	366.6	354.5	344.7
-30°	544.6	515.4	487.5	460.0	432.7	408.0	387.5	371.7	358.6	348.2	339.9
-32.5°	498.1	474.8	451.4	429.4	406.9	387.8	373.6	361.1	351.1	342.5	334.8
-35°	457.0	437.8	419.8	401.9	384.3	372.4	361.1	352.2	344.1	336.4	329.9
-37.5°	423.6	407.5	392.9	378.8	369.0	359.2	350.8	343.7	336.8	331.2	324.6
-40°	392.7	379.9	372.1	363.5	355.8	347.7	341.9	336.0	330.9	325.7	318.9
-42.5°	368.6	362.6	357.0	351.1	344.7	339.5	334.1	329.2	324.5	319.1	312.2
-45°	353.2	349.5	345.2	341.2	336.5	331.8	326.4	322.3	317.8	311.7	305.1
-47.5°	342.4	339.7	336.4	333.0	329.0	324.5	320.0	315.6	309.8	303.6	295.6
-50°	334.4	332.1	329.2	325.8	322.0	317.9	312.6	306.6	300.8	293.8	285.7
-52.5°	327.8	325.1	321.9	318.6	314.0	308.9	303.5	297.1	290.7	283.1	274.7
-55°	319.6	316.9	313.1	308.8	304.0	299.0	293.4	286.6	278.8	271.3	262.4
-57.5°	310.1	306.9	302.6	298.2	293.9	287.9	281.0	273.8	265.8	257.9	248.9
-60°	298.0	294.4	289.8	285.0	279.7	273.8	266.6	259.3	251.9	242.0	231.6
-62.5°	282.9	278.3	273.8	268.5	262.9	256.8	249.7	241.2	232.5	223.5	213.2
-65°	264.1	259.4	254.9	248.7	242.0	234.9	227.7	220.0	212.0	203.7	193.7
-67.5°	240.1	234.9	229.6	223.8	217.2	210.6	204.1	197.4	189.4	180.4	169.8
-70°	210.6	205.5	200.4	195.5	190.2	184.4	178.0	170.9	163.3	154.7	145.1
-72.5°	178.1	174.1	170.0	165.8	161.2	155.7	149.5	142.6	135.4	127.7	120.0
-75°	144.2	141.0	137.4	133.5	129.1	124.4	119.2	113.7	108.1	102.4	96.5
-77.5°	109.6	107.2	104.4	101.1	97.4	93.3	89.0	85.2	81.4	77.1	72.1
-80°	77.2	75.5	73.5	71.0	68.3	65.3	62.2	59.0	55.5	52.0	48.8
-82.5°	49.3	48.2	46.9	45.4	43.8	41.9	39.9	37.6	35.3	32.7	30.0
-85°	27.9	27.3	26.6	25.6	24.6	23.6	22.7	21.6	20.5	19.5	18.4
-87.5°	10.1	9.9	9.7	9.9	10.0	10.2	10.2	9.9	9.6	9.2	8.8
-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: P559136 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-927-U-TS-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°	8.4	8.0	7.6	7.2	6.7	6.2	5.8	5.3	4.8	4.3	3.8
85°	17.7	16.8	15.9	14.8	13.7	12.5	11.5	10.6	9.6	8.5	7.5
82.5°	27.9	26.6	25.4	24.0	22.8	21.4	19.7	17.7	15.3	12.9	11.2
80°	45.9	42.8	39.6	36.3	33.1	30.3	28.3	25.9	22.5	19.3	16.1
77.5°	66.6	61.2	55.9	51.3	46.5	42.0	38.0	34.1	29.7	25.5	21.5
75°	89.5	82.4	75.5	68.5	61.0	53.6	48.1	43.0	37.5	31.8	26.8
72.5°	112.3	104.1	95.4	86.3	77.7	68.9	59.9	51.8	45.6	39.2	32.3
70°	135.5	125.9	116.2	105.7	94.9	84.3	74.1	63.8	53.8	46.5	38.9
67.5°	158.7	147.4	136.3	124.8	112.6	100.4	88.1	76.3	64.8	53.7	45.3
65°	181.4	168.7	155.7	143.2	130.0	116.3	102.7	88.8	75.6	63.1	51.7
62.5°	202.2	190.0	175.8	161.5	147.1	132.3	116.9	101.7	86.3	72.3	59.0
60°	220.6	208.1	195.1	180.1	164.2	148.1	131.4	114.4	97.7	81.2	66.7
57.5°	237.3	225.2	211.9	197.5	181.2	163.7	145.7	127.2	108.9	90.8	74.1
55°	252.7	240.5	227.7	213.1	197.1	179.0	159.7	139.9	119.9	100.5	81.3
52.5°	265.1	254.4	241.8	227.7	211.5	193.7	173.5	152.2	131.0	109.8	89.5
50°	276.5	266.4	254.6	240.5	225.2	206.7	186.9	164.5	141.8	119.1	97.5
47.5°	286.7	277.0	265.8	252.5	236.8	219.3	198.9	176.4	152.2	128.3	105.2
45°	295.9	286.5	275.9	262.9	248.0	230.2	210.0	188.0	162.6	137.3	112.6
42.5°	304.3	294.8	284.4	273.1	257.6	240.3	220.7	198.0	172.6	145.9	119.9
40°	310.9	302.1	292.3	280.6	266.6	250.0	229.8	207.2	182.3	154.2	127.0
37.5°	317.2	308.4	298.7	287.7	274.6	257.9	238.4	216.1	191.0	162.3	133.8
35°	322.3	314.0	304.4	293.7	280.9	265.4	246.7	224.1	198.4	169.8	140.3
32.5°	327.2	318.9	309.1	298.5	286.9	272.5	253.7	231.0	205.3	176.9	146.3
30°	331.6	322.7	313.5	302.9	292.0	277.7	259.6	237.3	211.8	183.5	152.0
27.5°	335.3	326.0	317.3	306.7	295.7	282.4	265.0	243.2	217.7	189.2	157.3
25°	338.7	329.0	320.1	310.2	299.0	286.8	270.1	248.6	222.8	194.1	162.1
22.5°	341.8	331.8	322.4	313.3	301.9	290.9	274.2	252.7	227.1	198.4	166.5
20°	344.4	334.3	324.2	315.7	304.4	293.3	277.5	256.4	231.1	202.3	170.4
17.5°	346.8	336.4	326.1	317.1	306.4	295.3	280.4	259.7	234.5	205.8	173.8
15°	349.0	338.0	327.7	318.2	308.1	297.0	283.1	262.6	237.4	208.7	176.7
12.5°	350.8	339.2	329.0	319.1	309.4	298.4	285.3	265.1	239.8	211.2	179.2
10°	352.2	339.8	330.0	319.7	310.3	299.5	287.3	267.0	241.8	213.1	181.1
7.5°	353.2	340.0	330.5	320.0	310.9	300.3	288.4	268.4	243.2	214.6	182.5
5°	354.1	340.4	331.2	320.7	311.6	300.9	289.0	269.2	244.1	215.5	183.4
2.5°	355.7	341.7	331.7	321.1	312.1	301.3	289.2	269.6	244.5	216.0	183.8
0°	356.8	342.6	331.9	321.2	312.2	301.5	289.0	269.4	244.4	215.9	183.8
-2.5°	355.7	341.7	331.7	321.1	312.1	301.3	289.2	269.6	244.5	216.0	183.8
-5°	354.1	340.4	331.2	320.7	311.6	300.9	289.0	269.2	244.1	215.5	183.4
-7.5°	353.2	340.0	330.5	320.0	310.9	300.3	288.4	268.4	243.2	214.6	182.5
-10°	352.2	339.8	330.0	319.7	310.3	299.5	287.3	267.0	241.8	213.1	181.1
-12.5°	350.8	339.2	329.0	319.1	309.4	298.4	285.3	265.1	239.8	211.2	179.2
-15°	349.0	338.0	327.7	318.2	308.1	297.0	283.1	262.6	237.4	208.7	176.7
-17.5°	346.8	336.4	326.1	317.1	306.4	295.3	280.4	259.7	234.5	205.8	173.8
-20°	344.4	334.3	324.2	315.7	304.4	293.3	277.5	256.4	231.1	202.3	170.4



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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°	341.8	331.8	322.4	313.3	301.9	290.9	274.2	252.7	227.1	198.4	166.5
-25°	338.7	329.0	320.1	310.2	299.0	286.8	270.1	248.6	222.8	194.1	162.1
-27.5°	335.3	326.0	317.3	306.7	295.7	282.4	265.0	243.2	217.7	189.2	157.3
-30°	331.6	322.7	313.5	302.9	292.0	277.7	259.6	237.3	211.8	183.5	152.0
-32.5°	327.2	318.9	309.1	298.5	286.9	272.5	253.7	231.0	205.3	176.9	146.3
-35°	322.3	314.0	304.4	293.7	280.9	265.4	246.7	224.1	198.4	169.8	140.3
-37.5°	317.2	308.4	298.7	287.7	274.6	257.9	238.4	216.1	191.0	162.3	133.8
-40°	310.9	302.1	292.3	280.6	266.6	250.0	229.8	207.2	182.3	154.2	127.0
-42.5°	304.3	294.8	284.4	273.1	257.6	240.3	220.7	198.0	172.6	145.9	119.9
-45°	295.9	286.5	275.9	262.9	248.0	230.2	210.0	188.0	162.6	137.3	112.6
-47.5°	286.7	277.0	265.8	252.5	236.8	219.3	198.9	176.4	152.2	128.3	105.2
-50°	276.5	266.4	254.6	240.5	225.2	206.7	186.9	164.5	141.8	119.1	97.5
-52.5°	265.1	254.4	241.8	227.7	211.5	193.7	173.5	152.2	131.0	109.8	89.5
-55°	252.7	240.5	227.7	213.1	197.1	179.0	159.7	139.9	119.9	100.5	81.3
-57.5°	237.3	225.2	211.9	197.5	181.2	163.7	145.7	127.2	108.9	90.8	74.1
-60°	220.6	208.1	195.1	180.1	164.2	148.1	131.4	114.4	97.7	81.2	66.7
-62.5°	202.2	190.0	175.8	161.5	147.1	132.3	116.9	101.7	86.3	72.3	59.0
-65°	181.4	168.7	155.7	143.2	130.0	116.3	102.7	88.8	75.6	63.1	51.7
-67.5°	158.7	147.4	136.3	124.8	112.6	100.4	88.1	76.3	64.8	53.7	45.3
-70°	135.5	125.9	116.2	105.7	94.9	84.3	74.1	63.8	53.8	46.5	38.9
-72.5°	112.3	104.1	95.4	86.3	77.7	68.9	59.9	51.8	45.6	39.2	32.3
-75°	89.5	82.4	75.5	68.5	61.0	53.6	48.1	43.0	37.5	31.8	26.8
-77.5°	66.6	61.2	55.9	51.3	46.5	42.0	38.0	34.1	29.7	25.5	21.5
-80°	45.9	42.8	39.6	36.3	33.1	30.3	28.3	25.9	22.5	19.3	16.1
-82.5°	27.9	26.6	25.4	24.0	22.8	21.4	19.7	17.7	15.3	12.9	11.2
-85°	17.7	16.8	15.9	14.8	13.7	12.5	11.5	10.6	9.6	8.5	7.5
-87.5°	8.4	8.0	7.6	7.2	6.7	6.2	5.8	5.3	4.8	4.3	3.8
-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°	3.2	2.8	2.3	1.8	1.2	0.6	0.0
85°	6.5	5.6	4.7	3.6	2.5	1.2	0.0
82.5°	9.7	8.4	7.0	5.4	3.7	1.9	0.0
80°	13.1	11.2	9.3	7.2	5.0	2.5	0.0
77.5°	17.6	14.3	11.6	9.0	6.2	3.1	0.0
75°	22.1	18.1	14.0	10.8	7.4	3.7	0.0
72.5°	26.6	21.8	17.0	12.5	8.6	4.3	0.0
70°	31.2	25.5	19.9	14.3	9.8	4.9	0.0
67.5°	36.8	29.1	22.9	16.5	10.9	5.5	0.0
65°	42.3	33.2	25.7	18.7	12.1	6.0	0.0
62.5°	47.7	37.6	28.5	20.8	13.2	6.6	0.0
60°	52.9	41.9	31.3	22.9	14.3	7.1	0.0
57.5°	59.1	46.1	34.6	24.9	15.6	7.7	0.0
55°	65.4	50.2	37.8	26.9	16.9	8.2	0.0
52.5°	71.4	54.3	40.9	28.8	18.2	8.7	0.0
50°	77.3	59.2	43.9	30.6	19.4	9.2	0.0
47.5°	83.0	63.9	46.8	32.5	20.5	9.7	0.0
45°	89.3	68.4	49.6	34.6	21.7	10.1	0.0
42.5°	95.3	72.7	52.2	36.6	22.7	10.5	0.0
40°	101.0	76.9	55.2	38.4	23.8	11.0	0.0
37.5°	106.4	80.8	58.3	40.1	24.7	11.3	0.0
35°	111.5	84.9	61.3	41.7	25.6	11.7	0.0
32.5°	116.3	88.8	64.0	43.2	26.5	12.1	0.0
30°	121.1	92.5	66.6	44.6	27.3	12.4	0.0
27.5°	125.6	95.9	69.0	45.9	28.1	12.7	0.0
25°	129.7	99.0	71.2	47.0	28.8	13.0	0.0
22.5°	133.4	101.8	73.2	48.0	29.4	13.2	0.0
20°	136.7	104.4	75.0	48.9	29.9	13.4	0.0
17.5°	139.8	106.7	76.6	49.7	30.4	13.6	0.0
15°	142.4	108.6	78.0	50.3	30.9	13.8	0.0
12.5°	144.7	110.3	79.3	50.8	31.3	14.0	0.0
10°	146.6	111.7	80.3	51.3	31.6	14.1	0.0
7.5°	148.0	112.8	81.1	51.5	31.8	14.2	0.0
5°	149.1	113.6	81.6	51.7	32.0	14.2	0.0
2.5°	149.7	114.0	82.0	51.8	32.1	14.3	0.0
0°	149.9	114.2	82.1	51.7	32.1	14.3	0.0
-2.5°	149.7	114.0	82.0	51.8	32.1	14.3	0.0
-5°	149.1	113.6	81.6	51.7	32.0	14.2	0.0
-7.5°	148.0	112.8	81.1	51.5	31.8	14.2	0.0
-10°	146.6	111.7	80.3	51.3	31.6	14.1	0.0
-12.5°	144.7	110.3	79.3	50.8	31.3	14.0	0.0
-15°	142.4	108.6	78.0	50.3	30.9	13.8	0.0
-17.5°	139.8	106.7	76.6	49.7	30.4	13.6	0.0
-20°	136.7	104.4	75.0	48.9	29.9	13.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	133.4	101.8	73.2	48.0	29.4	13.2	0.0
-25°	129.7	99.0	71.2	47.0	28.8	13.0	0.0
-27.5°	125.6	95.9	69.0	45.9	28.1	12.7	0.0
-30°	121.1	92.5	66.6	44.6	27.3	12.4	0.0
-32.5°	116.3	88.8	64.0	43.2	26.5	12.1	0.0
-35°	111.5	84.9	61.3	41.7	25.6	11.7	0.0
-37.5°	106.4	80.8	58.3	40.1	24.7	11.3	0.0
-40°	101.0	76.9	55.2	38.4	23.8	11.0	0.0
-42.5°	95.3	72.7	52.2	36.6	22.7	10.5	0.0
-45°	89.3	68.4	49.6	34.6	21.7	10.1	0.0
-47.5°	83.0	63.9	46.8	32.5	20.5	9.7	0.0
-50°	77.3	59.2	43.9	30.6	19.4	9.2	0.0
-52.5°	71.4	54.3	40.9	28.8	18.2	8.7	0.0
-55°	65.4	50.2	37.8	26.9	16.9	8.2	0.0
-57.5°	59.1	46.1	34.6	24.9	15.6	7.7	0.0
-60°	52.9	41.9	31.3	22.9	14.3	7.1	0.0
-62.5°	47.7	37.6	28.5	20.8	13.2	6.6	0.0
-65°	42.3	33.2	25.7	18.7	12.1	6.0	0.0
-67.5°	36.8	29.1	22.9	16.5	10.9	5.5	0.0
-70°	31.2	25.5	19.9	14.3	9.8	4.9	0.0
-72.5°	26.6	21.8	17.0	12.5	8.6	4.3	0.0
-75°	22.1	18.1	14.0	10.8	7.4	3.7	0.0
-77.5°	17.6	14.3	11.6	9.0	6.2	3.1	0.0
-80°	13.1	11.2	9.3	7.2	5.0	2.5	0.0
-82.5°	9.7	8.4	7.0	5.4	3.7	1.9	0.0
-85°	6.5	5.6	4.7	3.6	2.5	1.2	0.0
-87.5°	3.2	2.8	2.3	1.8	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)