

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: P559095 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-940-U-NR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559095 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-3)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA5D-940-U-NR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQUARE, NARROW SYMMETRICAL ROUND N3  
Light Source: (80) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

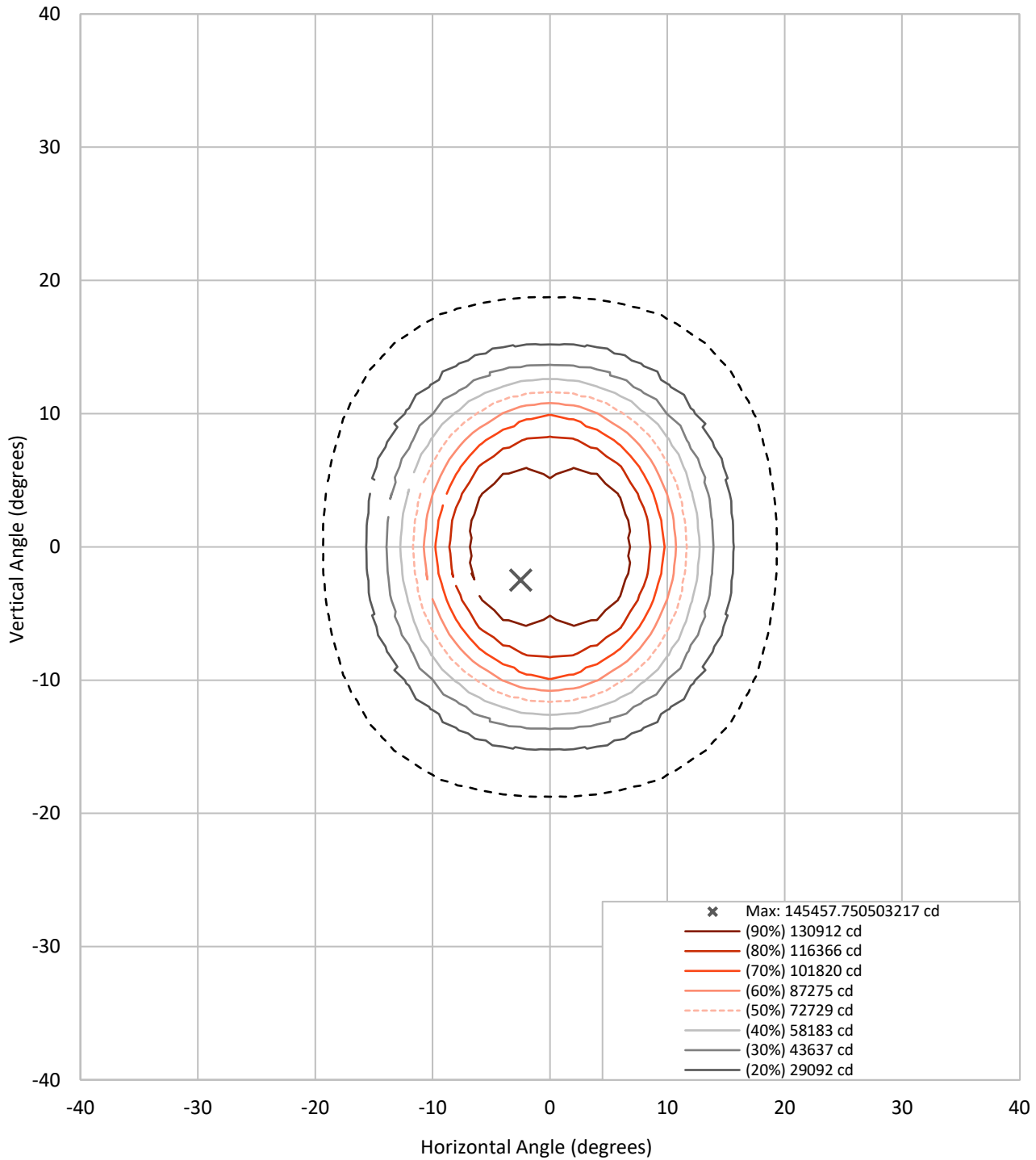
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	27505.9 lumens	Max Intensity:	145457.8 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	103.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	14849.5 lumens	Field Lumens:	22393.9 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 266  
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





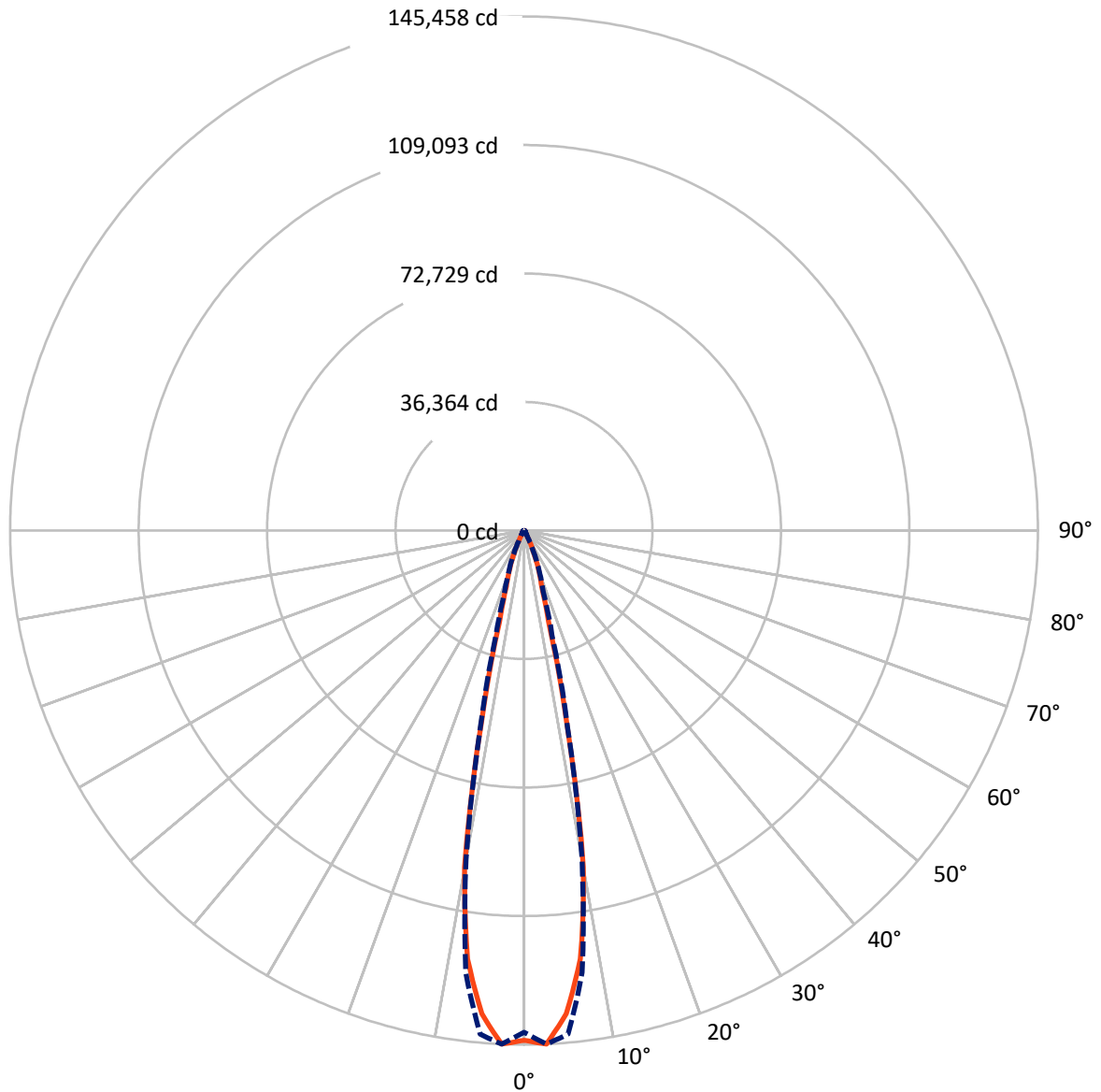
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### Lumen Table

90	0.3		2.8		7.4		11.8		13.8		11.8		7.4		2.8		0.3		
80	0.3		2.8		7.4		11.8		13.8		11.8		7.4		2.8		0.3		
70	1.3	1.4	3.0	4.8	6.6	8.2	9.4	10.0	10.0	9.4	8.2	6.6	4.8	3.0	1.4	1.3			
60		2.2	4.4	6.9	9.1	10.9	12.0	12.5	12.5	12.0	10.9	9.1	6.9	4.4	2.2				
50	2.3	2.9	5.5	8.3	10.6	12.9	14.9	15.8	15.8	14.9	12.9	10.6	8.3	5.5	2.9	2.3			
40		3.4	6.4	9.3	12.5	17.1	22.5	27.0	27.0	22.5	17.1	12.5	9.3	6.4	3.4				
30	3.1	3.9	7.0	10.3	15.5	28.1	84.5	164.6	164.6	84.5	28.1	15.5	10.3	7.0	3.9	3.1			
20		4.1	7.3	10.9	19.4	83.5	385.1	990.2	990.2	385.1	83.5	19.4	10.9	7.3	4.1				
10	3.3	4.3	7.4	11.4	23.2	162.5	1002.8	3542.7	3542.7	1002.8	162.5	23.2	11.4	7.4	4.3	3.3			
0		4.3	7.4	11.4	23.2	162.5	1002.8	3542.7	3542.7	1002.8	162.5	23.2	11.4	7.4	4.3				
-10	3.1	4.1	7.3	10.9	19.4	83.5	385.1	990.2	990.2	385.1	83.5	19.4	10.9	7.3	4.1	3.1			
-20		3.9	7.0	10.3	15.5	28.1	84.5	164.6	164.6	84.5	28.1	15.5	10.3	7.0	3.9				
-30	2.3	3.4	6.4	9.3	12.5	17.1	22.5	27.0	27.0	22.5	17.1	12.5	9.3	6.4	3.4	2.3			
-40		2.9	5.5	8.3	10.6	12.9	14.9	15.8	15.8	14.9	12.9	10.6	8.3	5.5	2.9				
-50	1.3	2.2	4.4	6.9	9.1	10.9	12.0	12.5	12.5	12.0	10.9	9.1	6.9	4.4	2.2	1.3			
-60		1.4	3.0	4.8	6.6	8.2	9.4	10.0	10.0	9.4	8.2	6.6	4.8	3.0	1.4				
-70	0.3		2.8		7.4		11.8		13.8		11.8		7.4		2.8		0.3		
-80	0.3		2.8		7.4		11.8		13.8		11.8		7.4		2.8		0.3		
-90	0.3		2.8		7.4		11.8		13.8		11.8		7.4		2.8		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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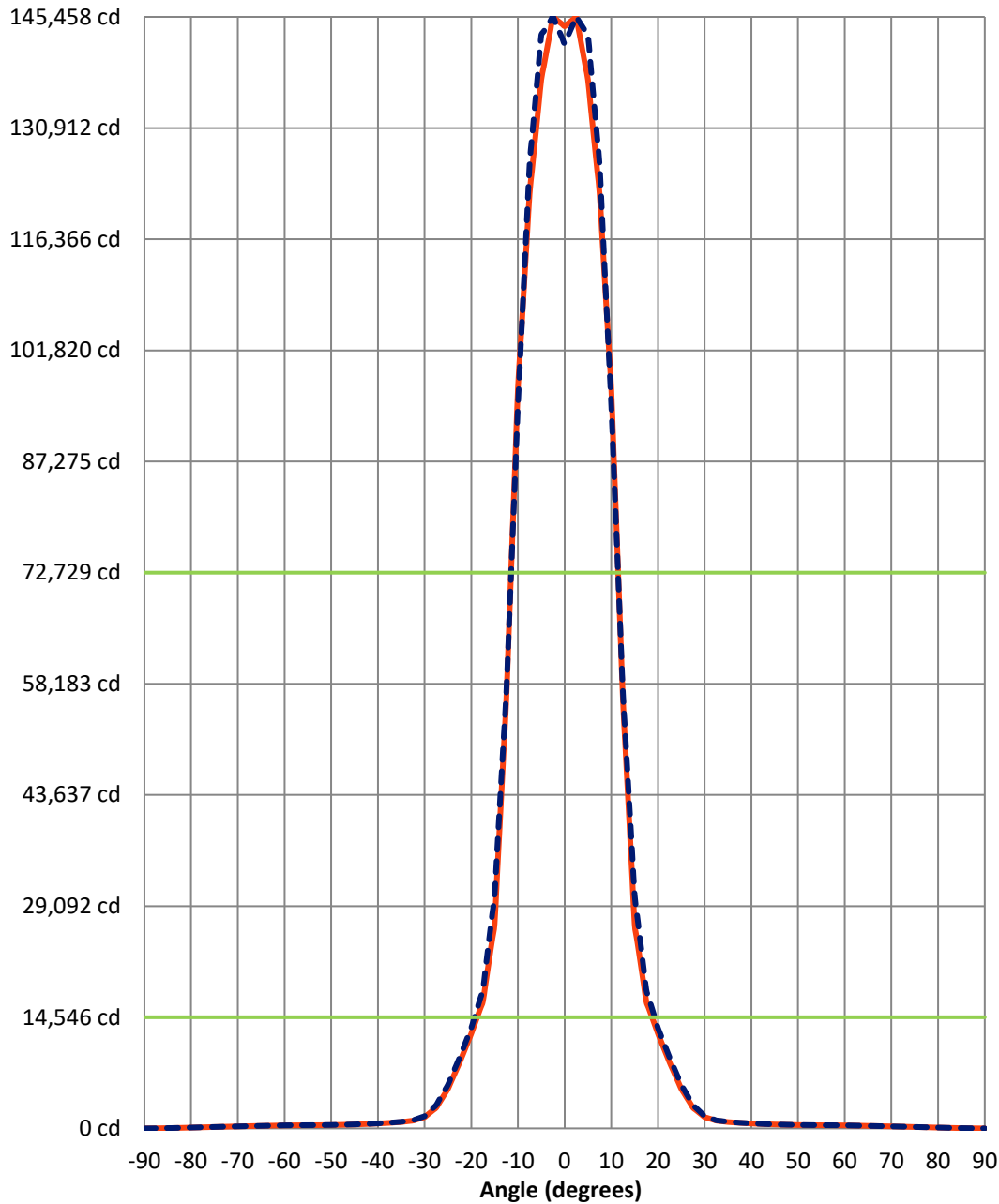
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 22.9°  
 V Angle: 22.9°  
 Lumens: 14849.5  
 Efficiency: 54.0%

**Field:**  
 H Angle: 38.6°  
 V Angle: 37.5°  
 Lumens: 22393.9  
 Efficiency: 81.4%

**Spill:**  
 Lumens: 5112  
 Efficiency: 18.6%

— Vertical Distribution through -2.5-Deg  
 - - Horizontal Distribution through -2.5-Deg



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.7	1.3	2.0	2.7	3.3	4.0	4.6	5.3	5.9	6.5
85°	0.0	1.3	2.7	4.0	5.3	6.7	8.0	9.3	10.5	11.8	13.0
82.5°	0.0	2.0	4.0	6.0	8.0	10.0	11.9	13.9	16.0	19.0	22.2
80°	0.0	2.7	5.3	8.0	10.6	13.3	16.1	20.1	24.2	28.5	33.0
77.5°	0.0	3.3	6.7	10.0	13.3	17.2	22.0	27.1	32.4	37.9	43.9
75°	0.0	4.0	8.0	11.9	16.1	22.2	27.9	34.0	40.7	48.3	55.6
72.5°	0.0	4.6	9.3	13.9	20.3	27.2	33.8	41.3	50.5	59.1	67.2
70°	0.0	5.3	10.5	16.0	24.3	32.2	39.8	50.0	60.1	69.8	81.2
67.5°	0.0	5.9	11.8	19.1	28.3	37.1	47.3	58.6	69.8	82.8	95.5
65°	0.0	6.5	13.0	22.1	32.3	42.5	54.6	67.1	81.2	95.5	110.0
62.5°	0.0	7.1	14.2	25.1	36.2	48.4	61.7	76.4	92.3	108.2	124.8
60°	0.0	7.7	15.4	28.0	40.1	54.1	68.7	86.0	103.3	121.4	139.5
57.5°	0.0	8.3	17.3	30.9	44.4	59.7	76.6	95.4	114.6	134.3	153.7
55°	0.0	8.8	19.2	33.7	48.7	65.1	84.4	104.5	125.8	146.9	167.7
52.5°	0.0	9.4	21.0	36.4	52.8	70.5	92.0	114.0	136.6	159.1	181.3
50°	0.0	9.9	22.7	39.1	56.8	76.7	99.4	123.3	147.2	171.0	194.9
47.5°	0.0	10.4	24.4	41.7	60.7	82.6	106.6	132.4	157.4	182.4	208.2
45°	0.0	10.9	26.1	44.5	64.3	88.3	114.2	141.2	167.3	194.1	221.2
42.5°	0.0	11.4	27.6	47.1	67.8	93.7	121.4	149.6	176.9	205.4	232.8
40°	0.0	11.8	29.1	49.6	71.6	98.9	128.4	157.6	186.2	216.4	243.6
37.5°	0.0	12.2	30.5	51.9	75.5	103.9	135.1	165.2	195.4	226.3	253.9
35°	0.0	12.6	31.9	54.1	79.3	108.9	141.5	172.5	204.0	234.9	263.7
32.5°	0.0	13.0	33.1	56.1	82.8	113.9	147.5	179.3	212.0	242.9	273.2
30°	0.0	13.3	34.3	58.1	86.0	118.6	152.9	185.7	219.5	250.5	281.9
27.5°	0.0	13.7	35.4	59.9	89.2	123.0	158.0	191.8	226.1	257.5	289.8
25°	0.0	14.0	36.4	61.5	92.1	127.0	162.7	197.3	231.8	264.0	296.7
22.5°	0.0	14.2	37.3	63.0	94.8	130.8	167.0	202.4	237.1	269.8	302.9
20°	0.0	14.5	38.1	64.4	97.3	134.1	170.9	206.9	241.8	274.9	308.3
17.5°	0.0	14.7	38.8	65.5	99.6	137.1	174.2	210.9	245.9	279.2	313.1
15°	0.0	14.9	39.4	66.6	101.6	139.6	177.1	214.3	249.6	282.9	317.2
12.5°	0.0	15.0	40.0	67.5	103.4	141.8	179.6	217.2	252.7	285.8	320.6
10°	0.0	15.2	40.4	68.2	104.9	143.5	181.6	219.6	255.2	288.9	323.3
7.5°	0.0	15.3	40.8	68.8	106.1	144.9	183.2	221.4	257.2	291.5	325.4
5°	0.0	15.3	41.0	69.2	107.1	145.8	184.3	222.7	258.7	293.6	326.6
2.5°	0.0	15.4	41.2	69.4	107.7	146.4	185.0	223.5	259.5	295.0	327.0
0°	0.0	15.4	41.2	69.5	108.1	146.6	185.2	223.8	259.8	295.9	326.7
-2.5°	0.0	15.4	41.2	69.5	108.1	146.6	185.2	223.8	259.8	295.9	326.7
-5°	0.0	15.3	41.0	69.2	107.1	145.8	184.3	222.7	258.7	293.6	326.6
-7.5°	0.0	15.3	40.8	68.8	106.1	144.9	183.2	221.4	257.2	291.5	325.4
-10°	0.0	15.2	40.4	68.2	104.9	143.5	181.6	219.6	255.2	288.9	323.3
-12.5°	0.0	15.0	40.0	67.5	103.4	141.8	179.6	217.2	252.7	285.8	320.6
-15°	0.0	14.9	39.4	66.6	101.6	139.6	177.1	214.3	249.6	282.9	317.2
-17.5°	0.0	14.7	38.8	65.5	99.6	137.1	174.2	210.9	245.9	279.2	313.1
-20°	0.0	14.5	38.1	64.4	97.3	134.1	170.9	206.9	241.8	274.9	308.3



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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	14.2	37.3	63.0	94.8	130.8	167.0	202.4	237.1	269.8	302.9
-25°	0.0	14.0	36.4	61.5	92.1	127.0	162.7	197.3	231.8	264.0	296.7
-27.5°	0.0	13.7	35.4	59.9	89.2	123.0	158.0	191.8	226.1	257.5	289.8
-30°	0.0	13.3	34.3	58.1	86.0	118.6	152.9	185.7	219.5	250.5	281.9
-32.5°	0.0	13.0	33.1	56.1	82.8	113.9	147.5	179.3	212.0	242.9	273.2
-35°	0.0	12.6	31.9	54.1	79.3	108.9	141.5	172.5	204.0	234.9	263.7
-37.5°	0.0	12.2	30.5	51.9	75.5	103.9	135.1	165.2	195.4	226.3	253.9
-40°	0.0	11.8	29.1	49.6	71.6	98.9	128.4	157.6	186.2	216.4	243.6
-42.5°	0.0	11.4	27.6	47.1	67.8	93.7	121.4	149.6	176.9	205.4	232.8
-45°	0.0	10.9	26.1	44.5	64.3	88.3	114.2	141.2	167.3	194.1	221.2
-47.5°	0.0	10.4	24.4	41.7	60.7	82.6	106.6	132.4	157.4	182.4	208.2
-50°	0.0	9.9	22.7	39.1	56.8	76.7	99.4	123.3	147.2	171.0	194.9
-52.5°	0.0	9.4	21.0	36.4	52.8	70.5	92.0	114.0	136.6	159.1	181.3
-55°	0.0	8.8	19.2	33.7	48.7	65.1	84.4	104.5	125.8	146.9	167.7
-57.5°	0.0	8.3	17.3	30.9	44.4	59.7	76.6	95.4	114.6	134.3	153.7
-60°	0.0	7.7	15.4	28.0	40.1	54.1	68.7	86.0	103.3	121.4	139.5
-62.5°	0.0	7.1	14.2	25.1	36.2	48.4	61.7	76.4	92.3	108.2	124.8
-65°	0.0	6.5	13.0	22.1	32.3	42.5	54.6	67.1	81.2	95.5	110.0
-67.5°	0.0	5.9	11.8	19.1	28.3	37.1	47.3	58.6	69.8	82.8	95.5
-70°	0.0	5.3	10.5	16.0	24.3	32.2	39.8	50.0	60.1	69.8	81.2
-72.5°	0.0	4.6	9.3	13.9	20.3	27.2	33.8	41.3	50.5	59.1	67.2
-75°	0.0	4.0	8.0	11.9	16.1	22.2	27.9	34.0	40.7	48.3	55.6
-77.5°	0.0	3.3	6.7	10.0	13.3	17.2	22.0	27.1	32.4	37.9	43.9
-80°	0.0	2.7	5.3	8.0	10.6	13.3	16.1	20.1	24.2	28.5	33.0
-82.5°	0.0	2.0	4.0	6.0	8.0	10.0	11.9	13.9	16.0	19.0	22.2
-85°	0.0	1.3	2.7	4.0	5.3	6.7	8.0	9.3	10.5	11.8	13.0
-87.5°	0.0	0.7	1.3	2.0	2.7	3.3	4.0	4.6	5.3	5.9	6.5
-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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**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°	7.1	7.7	8.3	8.8	9.4	9.9	10.4	10.9	11.4	11.8	12.2
85°	14.2	15.4	17.2	18.8	20.3	21.6	22.9	23.9	25.5	27.0	28.6
82.5°	25.0	27.6	30.0	32.1	34.0	35.7	37.5	40.0	43.3	46.4	49.1
80°	36.6	39.8	43.6	47.5	51.5	55.5	59.5	63.5	67.1	70.5	74.0
77.5°	49.2	54.3	59.6	65.0	70.5	76.7	82.6	88.3	93.6	98.7	103.8
75°	62.2	68.7	76.6	84.4	92.0	99.4	106.6	114.0	121.0	127.7	134.1
72.5°	76.4	86.0	95.4	104.5	114.4	123.9	132.7	141.0	149.5	158.1	166.0
70°	92.3	103.3	114.9	126.9	138.5	149.0	159.4	170.1	180.7	189.9	197.8
67.5°	108.3	121.7	135.3	148.8	161.6	173.8	186.3	198.2	209.2	218.7	227.7
65°	124.9	140.0	155.0	169.5	183.7	198.2	211.8	224.6	236.5	247.3	257.4
62.5°	141.2	157.7	174.0	190.2	206.8	222.6	236.9	250.4	263.5	275.0	286.0
60°	157.2	175.0	192.9	211.1	229.1	245.7	261.0	275.1	288.5	301.3	312.7
57.5°	172.9	192.0	211.6	231.1	249.9	267.9	283.5	298.5	312.2	325.2	337.1
55°	188.3	208.6	229.5	250.1	269.8	288.3	305.0	320.1	334.7	346.6	357.9
52.5°	203.5	224.8	246.8	268.2	288.3	307.5	324.9	340.1	353.4	365.5	375.5
50°	218.4	240.7	263.3	285.1	305.8	325.3	342.9	357.5	370.1	381.3	390.7
47.5°	232.5	255.9	278.4	301.1	322.1	341.4	358.6	372.4	384.7	394.7	403.5
45°	245.7	270.2	293.6	315.7	337.1	356.2	372.1	385.9	397.2	407.3	416.2
42.5°	258.4	284.0	307.7	329.7	350.8	369.1	384.7	397.6	409.2	419.1	428.9
40°	270.6	297.4	321.2	342.9	363.5	380.9	395.5	408.7	420.1	431.3	442.0
37.5°	282.4	309.5	334.2	356.3	374.4	391.3	405.8	418.8	431.7	444.0	458.3
35°	293.8	321.2	346.2	367.8	385.7	400.5	415.3	429.5	444.3	459.8	476.6
32.5°	304.3	332.5	357.7	377.7	394.4	409.3	424.6	441.7	459.3	477.0	497.6
30°	313.7	342.7	368.0	386.8	402.2	417.1	435.1	454.7	475.3	495.8	519.7
27.5°	321.9	352.2	375.9	393.9	409.1	423.4	443.5	469.0	491.3	513.1	539.4
25°	329.4	359.8	383.1	400.0	414.3	429.7	450.5	476.7	504.9	528.6	565.3
22.5°	335.9	366.7	389.7	405.5	418.3	434.9	456.1	481.9	510.8	540.8	591.6
20°	341.5	371.8	395.3	410.1	421.4	438.6	459.2	485.5	517.6	560.9	617.2
17.5°	346.4	377.0	399.5	413.1	425.1	441.5	460.2	487.6	525.0	579.0	640.7
15°	350.6	382.0	403.1	415.6	428.0	444.2	464.5	493.1	536.1	595.8	662.3
12.5°	354.1	386.8	406.0	417.7	429.9	446.2	469.1	501.7	549.4	612.5	686.1
10°	356.8	391.2	408.3	419.3	430.9	447.5	473.0	508.4	560.5	628.0	707.2
7.5°	359.3	394.7	410.1	420.5	431.1	448.2	476.2	513.3	568.5	640.8	724.9
5°	361.2	397.0	411.8	421.3	431.0	448.5	478.6	516.4	573.6	650.4	738.2
2.5°	362.4	398.3	413.2	421.8	430.5	448.4	480.5	521.4	579.8	657.6	746.2
0°	362.8	398.8	414.2	421.9	429.7	447.7	481.1	524.8	584.0	661.2	748.7
-2.5°	362.4	398.3	413.2	421.8	430.5	448.4	480.5	521.4	579.8	657.6	746.2
-5°	361.2	397.0	411.8	421.3	431.0	448.5	478.6	516.4	573.6	650.4	738.2
-7.5°	359.3	394.7	410.1	420.5	431.1	448.2	476.2	513.3	568.5	640.8	724.9
-10°	356.8	391.2	408.3	419.3	430.9	447.5	473.0	508.4	560.5	628.0	707.2
-12.5°	354.1	386.8	406.0	417.7	429.9	446.2	469.1	501.7	549.4	612.5	686.1
-15°	350.6	382.0	403.1	415.6	428.0	444.2	464.5	493.1	536.1	595.8	662.3
-17.5°	346.4	377.0	399.5	413.1	425.1	441.5	460.2	487.6	525.0	579.0	640.7
-20°	341.5	371.8	395.3	410.1	421.4	438.6	459.2	485.5	517.6	560.9	617.2



REPORT NUMBER: P559095 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-940-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	335.9	366.7	389.7	405.5	418.3	434.9	456.1	481.9	510.8	540.8	591.6
-25°	329.4	359.8	383.1	400.0	414.3	429.7	450.5	476.7	504.9	528.6	565.3
-27.5°	321.9	352.2	375.9	393.9	409.1	423.4	443.5	469.0	491.3	513.1	539.4
-30°	313.7	342.7	368.0	386.8	402.2	417.1	435.1	454.7	475.3	495.8	519.7
-32.5°	304.3	332.5	357.7	377.7	394.4	409.3	424.6	441.7	459.3	477.0	497.6
-35°	293.8	321.2	346.2	367.8	385.7	400.5	415.3	429.5	444.3	459.8	476.6
-37.5°	282.4	309.5	334.2	356.3	374.4	391.3	405.8	418.8	431.7	444.0	458.3
-40°	270.6	297.4	321.2	342.9	363.5	380.9	395.5	408.7	420.1	431.3	442.0
-42.5°	258.4	284.0	307.7	329.7	350.8	369.1	384.7	397.6	409.2	419.1	428.9
-45°	245.7	270.2	293.6	315.7	337.1	356.2	372.1	385.9	397.2	407.3	416.2
-47.5°	232.5	255.9	278.4	301.1	322.1	341.4	358.6	372.4	384.7	394.7	403.5
-50°	218.4	240.7	263.3	285.1	305.8	325.3	342.9	357.5	370.1	381.3	390.7
-52.5°	203.5	224.8	246.8	268.2	288.3	307.5	324.9	340.1	353.4	365.5	375.5
-55°	188.3	208.6	229.5	250.1	269.8	288.3	305.0	320.1	334.7	346.6	357.9
-57.5°	172.9	192.0	211.6	231.1	249.9	267.9	283.5	298.5	312.2	325.2	337.1
-60°	157.2	175.0	192.9	211.1	229.1	245.7	261.0	275.1	288.5	301.3	312.7
-62.5°	141.2	157.7	174.0	190.2	206.8	222.6	236.9	250.4	263.5	275.0	286.0
-65°	124.9	140.0	155.0	169.5	183.7	198.2	211.8	224.6	236.5	247.3	257.4
-67.5°	108.3	121.7	135.3	148.8	161.6	173.8	186.3	198.2	209.2	218.7	227.7
-70°	92.3	103.3	114.9	126.9	138.5	149.0	159.4	170.1	180.7	189.9	197.8
-72.5°	76.4	86.0	95.4	104.5	114.4	123.9	132.7	141.0	149.5	158.1	166.0
-75°	62.2	68.7	76.6	84.4	92.0	99.4	106.6	114.0	121.0	127.7	134.1
-77.5°	49.2	54.3	59.6	65.0	70.5	76.7	82.6	88.3	93.6	98.7	103.8
-80°	36.6	39.8	43.6	47.5	51.5	55.5	59.5	63.5	67.1	70.5	74.0
-82.5°	25.0	27.6	30.0	32.1	34.0	35.7	37.5	40.0	43.3	46.4	49.1
-85°	14.2	15.4	17.2	18.8	20.3	21.6	22.9	23.9	25.5	27.0	28.6
-87.5°	7.1	7.7	8.3	8.8	9.4	9.9	10.4	10.9	11.4	11.8	12.2
-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: P559095 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-940-U-NR-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°	12.6	12.5	12.3	12.0	11.7	12.5	13.3	14.1	14.9	15.0	15.2
85°	30.2	31.1	32.0	32.9	33.8	34.8	35.6	36.4	37.0	38.1	39.1
82.5°	51.5	53.5	55.5	57.3	58.9	60.9	62.8	64.6	66.3	67.3	68.1
80°	77.4	80.9	84.1	86.9	89.3	92.4	95.4	98.1	100.5	102.1	103.3
77.5°	108.8	113.1	117.1	121.0	124.6	128.1	131.0	133.4	135.3	137.7	139.9
75°	140.1	145.9	151.4	156.3	160.6	164.5	168.0	171.2	174.1	176.8	179.0
72.5°	173.3	179.9	185.7	191.2	196.3	201.3	205.9	210.1	213.7	216.8	219.3
70°	205.3	212.4	219.5	226.3	232.4	238.0	243.1	247.5	251.5	254.8	257.5
67.5°	236.2	244.3	252.4	260.0	266.7	272.6	278.3	283.5	288.3	292.0	294.5
65°	267.0	276.0	284.7	292.5	299.3	305.5	311.9	317.5	322.2	325.7	328.0
62.5°	296.8	306.6	315.1	323.1	330.8	337.4	342.8	347.9	352.6	356.4	358.8
60°	323.5	333.7	342.0	349.5	356.5	362.9	368.3	373.6	378.7	383.1	386.4
57.5°	347.1	356.5	364.9	371.7	378.0	383.7	389.0	393.4	396.9	399.6	401.9
55°	367.6	376.0	383.9	390.5	396.1	400.7	404.6	407.7	410.2	411.9	413.3
52.5°	385.1	392.9	400.7	407.2	411.4	415.2	418.6	422.4	424.5	424.9	424.7
50°	399.1	407.4	414.4	420.2	426.0	432.5	439.3	442.6	444.0	443.0	441.9
47.5°	412.0	420.1	427.7	435.0	443.4	454.2	465.3	470.5	470.1	467.8	466.6
45°	424.8	433.5	442.5	453.6	465.4	479.5	492.3	500.4	500.4	500.7	502.6
42.5°	437.9	448.9	461.1	476.3	491.7	507.4	521.1	531.2	538.6	547.8	555.4
40°	454.2	466.5	484.7	503.4	523.5	540.3	561.5	579.7	594.7	608.3	618.8
37.5°	473.3	490.8	514.0	538.1	564.1	590.3	615.1	638.2	657.9	680.5	697.3
35°	496.2	521.2	549.4	579.6	611.9	645.0	676.9	713.9	746.3	775.2	798.9
32.5°	523.0	553.1	587.8	627.7	668.1	711.9	757.9	805.3	850.9	898.5	946.0
30°	549.8	589.6	633.9	682.3	729.8	787.1	846.9	924.4	1005.6	1098.3	1240.7
27.5°	582.5	630.1	681.5	737.3	802.6	875.9	991.1	1134.3	1378.9	1561.6	2052.4
25°	614.6	668.9	734.9	807.3	895.0	1029.1	1304.3	1622.6	2331.6	2995.3	3762.1
22.5°	647.0	714.7	793.8	882.1	1034.6	1379.8	1904.0	2863.9	3959.0	5121.5	6305.5
20°	679.7	759.4	858.6	1006.0	1325.3	1915.9	3092.5	4634.8	6191.0	8092.1	9736.1
17.5°	716.5	815.4	945.0	1166.7	1692.8	2958.2	4698.5	6838.8	9246.9	11690.9	13743.0
15°	747.0	862.7	1036.3	1469.6	2462.9	4141.8	6419.2	9320.3	12603.9	15693.7	18329.2
12.5°	780.6	915.3	1143.6	1715.4	3173.5	5380.8	8382.1	11952.1	15891.4	20125.0	26828.4
10°	811.6	968.2	1323.4	2225.7	3992.6	6632.8	10139.9	14162.4	18939.8	27416.3	43262.0
7.5°	837.7	1010.1	1458.7	2606.1	4734.0	7813.9	11572.9	16052.4	23235.0	37476.0	64140.4
5°	855.5	1038.0	1552.8	2890.8	5324.5	8685.2	12489.0	17297.1	27617.1	49772.6	81879.3
2.5°	868.0	1053.0	1602.9	3056.7	5698.1	9262.0	13138.0	18134.5	30559.1	56885.3	94502.3
0°	877.3	1057.4	1613.1	3200.5	5824.7	9457.5	13170.0	18359.3	31567.9	59662.5	99000.1
-2.5°	868.0	1053.0	1602.9	3056.7	5698.1	9262.0	13138.0	18134.5	30559.1	56885.3	94502.3
-5°	855.5	1038.0	1552.8	2890.8	5324.5	8685.2	12489.0	17297.1	27617.1	49772.6	81879.3
-7.5°	837.7	1010.1	1458.7	2606.1	4734.0	7813.9	11572.9	16052.4	23235.0	37476.0	64140.4
-10°	811.6	968.2	1323.4	2225.7	3992.6	6632.8	10139.9	14162.4	18939.8	27416.3	43262.0
-12.5°	780.6	915.3	1143.6	1715.4	3173.5	5380.8	8382.1	11952.1	15891.4	20125.0	26828.4
-15°	747.0	862.7	1036.3	1469.6	2462.9	4141.8	6419.2	9320.3	12603.9	15693.7	18329.2
-17.5°	716.5	815.4	945.0	1166.7	1692.8	2958.2	4698.5	6838.8	9246.9	11690.9	13743.0
-20°	679.7	759.4	858.6	1006.0	1325.3	1915.9	3092.5	4634.8	6191.0	8092.1	9736.1



REPORT NUMBER: P559095 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-940-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	647.0	714.7	793.8	882.1	1034.6	1379.8	1904.0	2863.9	3959.0	5121.5	6305.5
-25°	614.6	668.9	734.9	807.3	895.0	1029.1	1304.3	1622.6	2331.6	2995.3	3762.1
-27.5°	582.5	630.1	681.5	737.3	802.6	875.9	991.1	1134.3	1378.9	1561.6	2052.4
-30°	549.8	589.6	633.9	682.3	729.8	787.1	846.9	924.4	1005.6	1098.3	1240.7
-32.5°	523.0	553.1	587.8	627.7	668.1	711.9	757.9	805.3	850.9	898.5	946.0
-35°	496.2	521.2	549.4	579.6	611.9	645.0	676.9	713.9	746.3	775.2	798.9
-37.5°	473.3	490.8	514.0	538.1	564.1	590.3	615.1	638.2	657.9	680.5	697.3
-40°	454.2	466.5	484.7	503.4	523.5	540.3	561.5	579.7	594.7	608.3	618.8
-42.5°	437.9	448.9	461.1	476.3	491.7	507.4	521.1	531.2	538.6	547.8	555.4
-45°	424.8	433.5	442.5	453.6	465.4	479.5	492.3	500.4	500.4	500.7	502.6
-47.5°	412.0	420.1	427.7	435.0	443.4	454.2	465.3	470.5	470.1	467.8	466.6
-50°	399.1	407.4	414.4	420.2	426.0	432.5	439.3	442.6	444.0	443.0	441.9
-52.5°	385.1	392.9	400.7	407.2	411.4	415.2	418.6	422.4	424.5	424.9	424.7
-55°	367.6	376.0	383.9	390.5	396.1	400.7	404.6	407.7	410.2	411.9	413.3
-57.5°	347.1	356.5	364.9	371.7	378.0	383.7	389.0	393.4	396.9	399.6	401.9
-60°	323.5	333.7	342.0	349.5	356.5	362.9	368.3	373.6	378.7	383.1	386.4
-62.5°	296.8	306.6	315.1	323.1	330.8	337.4	342.8	347.9	352.6	356.4	358.8
-65°	267.0	276.0	284.7	292.5	299.3	305.5	311.9	317.5	322.2	325.7	328.0
-67.5°	236.2	244.3	252.4	260.0	266.7	272.6	278.3	283.5	288.3	292.0	294.5
-70°	205.3	212.4	219.5	226.3	232.4	238.0	243.1	247.5	251.5	254.8	257.5
-72.5°	173.3	179.9	185.7	191.2	196.3	201.3	205.9	210.1	213.7	216.8	219.3
-75°	140.1	145.9	151.4	156.3	160.6	164.5	168.0	171.2	174.1	176.8	179.0
-77.5°	108.8	113.1	117.1	121.0	124.6	128.1	131.0	133.4	135.3	137.7	139.9
-80°	77.4	80.9	84.1	86.9	89.3	92.4	95.4	98.1	100.5	102.1	103.3
-82.5°	51.5	53.5	55.5	57.3	58.9	60.9	62.8	64.6	66.3	67.3	68.1
-85°	30.2	31.1	32.0	32.9	33.8	34.8	35.6	36.4	37.0	38.1	39.1
-87.5°	12.6	12.5	12.3	12.0	11.7	12.5	13.3	14.1	14.9	15.0	15.2
-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: P559095 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-940-U-NR-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°	15.3	15.3	15.4	15.4	15.4	15.3	15.3	15.2	15.0	14.9	14.1
85°	40.1	41.0	39.9	38.6	39.9	41.0	40.1	39.1	38.1	37.0	36.4
82.5°	68.8	69.2	69.4	69.5	69.4	69.2	68.8	68.1	67.3	66.3	64.6
80°	104.3	104.9	106.6	108.1	106.6	104.9	104.3	103.3	102.1	100.5	98.1
77.5°	141.8	143.3	143.9	144.1	143.9	143.3	141.8	139.9	137.7	135.3	133.4
75°	180.6	181.8	184.9	187.8	184.9	181.8	180.6	179.0	176.8	174.1	171.2
72.5°	221.3	222.7	224.8	226.4	224.8	222.7	221.3	219.3	216.8	213.7	210.1
70°	259.6	261.2	262.1	262.4	262.1	261.2	259.6	257.5	254.8	251.5	247.5
67.5°	296.2	297.2	296.9	295.9	296.9	297.2	296.2	294.5	292.0	288.3	283.5
65°	329.7	330.7	330.4	329.3	330.4	330.7	329.7	328.0	325.7	322.2	317.5
62.5°	360.5	361.6	362.4	362.8	362.4	361.6	360.5	358.8	356.4	352.6	347.9
60°	389.4	391.9	393.2	393.6	393.2	391.9	389.4	386.4	383.1	378.7	373.6
57.5°	403.9	405.5	406.3	406.5	406.3	405.5	403.9	401.9	399.6	396.9	393.4
55°	413.9	414.0	413.1	411.6	413.1	414.0	413.9	413.3	411.9	410.2	407.7
52.5°	423.8	422.3	421.8	421.9	421.8	422.3	423.8	424.7	424.9	424.5	422.4
50°	440.5	438.2	437.1	437.4	437.1	438.2	440.5	441.9	443.0	444.0	442.6
47.5°	468.2	469.2	470.1	470.8	470.1	469.2	468.2	466.6	467.8	470.1	470.5
45°	507.7	511.3	513.6	514.6	513.6	511.3	507.7	502.6	500.7	500.4	500.4
42.5°	563.1	567.5	569.2	568.6	569.2	567.5	563.1	555.4	547.8	538.6	531.2
40°	629.6	638.3	643.3	643.2	643.3	638.3	629.6	618.8	608.3	594.7	579.7
37.5°	712.4	724.0	729.8	728.1	729.8	724.0	712.4	697.3	680.5	657.9	638.2
35°	817.0	828.4	833.2	838.7	833.2	828.4	817.0	798.9	775.2	746.3	713.9
32.5°	983.4	1006.8	1016.2	1003.4	1016.2	1006.8	983.4	946.0	898.5	850.9	805.3
30°	1337.0	1422.4	1479.6	1507.6	1479.6	1422.4	1337.0	1240.7	1098.3	1005.6	924.4
27.5°	2390.1	2613.7	2708.3	2760.6	2708.3	2613.7	2390.1	2052.4	1561.6	1378.9	1134.3
25°	4418.8	4895.9	5170.4	5148.1	5170.4	4895.9	4418.8	3762.1	2995.3	2331.6	1622.6
22.5°	7405.6	8158.3	8609.8	8775.7	8609.8	8158.3	7405.6	6305.5	5121.5	3959.0	2863.9
20°	11108.4	11952.5	12393.8	12459.9	12393.8	11952.5	11108.4	9736.1	8092.1	6191.0	4634.8
17.5°	15358.0	16158.2	16623.3	16617.5	16623.3	16158.2	15358.0	13743.0	11690.9	9246.9	6838.8
15°	21918.7	25015.9	26762.4	26507.2	26762.4	25015.9	21918.7	18329.2	15693.7	12603.9	9320.3
12.5°	35915.4	48285.6	55958.9	57853.8	55958.9	48285.6	35915.4	26828.4	20125.0	15891.4	11952.1
10°	63467.3	81974.0	96753.8	101024.9	96753.8	81974.0	63467.3	43262.0	27416.3	18939.8	14162.4
7.5°	91293.5	113258.0	122297.4	123347.5	122297.4	113258.0	91293.5	64140.4	37476.0	23235.0	16052.4
5°	112296.8	134646.5	137233.3	130735.2	137233.3	134646.5	112296.8	81879.3	49772.6	27617.1	17297.1
2.5°	126160.9	143046.3	145457.8	141960.2	145457.8	143046.3	126160.9	94502.3	56885.3	30559.1	18134.5
0°	129322.7	140812.7	144238.4	144612.7	144238.4	140812.7	129322.7	99000.1	59662.5	31567.9	18359.3
-2.5°	126160.9	143046.3	145457.8	141960.2	145457.8	143046.3	126160.9	94502.3	56885.3	30559.1	18134.5
-5°	112296.8	134646.5	137233.3	130735.2	137233.3	134646.5	112296.8	81879.3	49772.6	27617.1	17297.1
-7.5°	91293.5	113258.0	122297.4	123347.5	122297.4	113258.0	91293.5	64140.4	37476.0	23235.0	16052.4
-10°	63467.3	81974.0	96753.8	101024.9	96753.8	81974.0	63467.3	43262.0	27416.3	18939.8	14162.4
-12.5°	35915.4	48285.6	55958.9	57853.8	55958.9	48285.6	35915.4	26828.4	20125.0	15891.4	11952.1
-15°	21918.7	25015.9	26762.4	26507.2	26762.4	25015.9	21918.7	18329.2	15693.7	12603.9	9320.3
-17.5°	15358.0	16158.2	16623.3	16617.5	16623.3	16158.2	15358.0	13743.0	11690.9	9246.9	6838.8
-20°	11108.4	11952.5	12393.8	12459.9	12393.8	11952.5	11108.4	9736.1	8092.1	6191.0	4634.8



REPORT NUMBER: P559095 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-940-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7405.6	8158.3	8609.8	8775.7	8609.8	8158.3	7405.6	6305.5	5121.5	3959.0	2863.9
-25°	4418.8	4895.9	5170.4	5148.1	5170.4	4895.9	4418.8	3762.1	2995.3	2331.6	1622.6
-27.5°	2390.1	2613.7	2708.3	2760.6	2708.3	2613.7	2390.1	2052.4	1561.6	1378.9	1134.3
-30°	1337.0	1422.4	1479.6	1507.6	1479.6	1422.4	1337.0	1240.7	1098.3	1005.6	924.4
-32.5°	983.4	1006.8	1016.2	1003.4	1016.2	1006.8	983.4	946.0	898.5	850.9	805.3
-35°	817.0	828.4	833.2	838.7	833.2	828.4	817.0	798.9	775.2	746.3	713.9
-37.5°	712.4	724.0	729.8	728.1	729.8	724.0	712.4	697.3	680.5	657.9	638.2
-40°	629.6	638.3	643.3	643.2	643.3	638.3	629.6	618.8	608.3	594.7	579.7
-42.5°	563.1	567.5	569.2	568.6	569.2	567.5	563.1	555.4	547.8	538.6	531.2
-45°	507.7	511.3	513.6	514.6	513.6	511.3	507.7	502.6	500.7	500.4	500.4
-47.5°	468.2	469.2	470.1	470.8	470.1	469.2	468.2	466.6	467.8	470.1	470.5
-50°	440.5	438.2	437.1	437.4	437.1	438.2	440.5	441.9	443.0	444.0	442.6
-52.5°	423.8	422.3	421.8	421.9	421.8	422.3	423.8	424.7	424.9	424.5	422.4
-55°	413.9	414.0	413.1	411.6	413.1	414.0	413.9	413.3	411.9	410.2	407.7
-57.5°	403.9	405.5	406.3	406.5	406.3	405.5	403.9	401.9	399.6	396.9	393.4
-60°	389.4	391.9	393.2	393.6	393.2	391.9	389.4	386.4	383.1	378.7	373.6
-62.5°	360.5	361.6	362.4	362.8	362.4	361.6	360.5	358.8	356.4	352.6	347.9
-65°	329.7	330.7	330.4	329.3	330.4	330.7	329.7	328.0	325.7	322.2	317.5
-67.5°	296.2	297.2	296.9	295.9	296.9	297.2	296.2	294.5	292.0	288.3	283.5
-70°	259.6	261.2	262.1	262.4	262.1	261.2	259.6	257.5	254.8	251.5	247.5
-72.5°	221.3	222.7	224.8	226.4	224.8	222.7	221.3	219.3	216.8	213.7	210.1
-75°	180.6	181.8	184.9	187.8	184.9	181.8	180.6	179.0	176.8	174.1	171.2
-77.5°	141.8	143.3	143.9	144.1	143.9	143.3	141.8	139.9	137.7	135.3	133.4
-80°	104.3	104.9	106.6	108.1	106.6	104.9	104.3	103.3	102.1	100.5	98.1
-82.5°	68.8	69.2	69.4	69.5	69.4	69.2	68.8	68.1	67.3	66.3	64.6
-85°	40.1	41.0	39.9	38.6	39.9	41.0	40.1	39.1	38.1	37.0	36.4
-87.5°	15.3	15.3	15.4	15.4	15.4	15.3	15.3	15.2	15.0	14.9	14.1
-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: P559095 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-940-U-NR-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°	13.3	12.5	11.7	12.0	12.3	12.5	12.6	12.2	11.8	11.4	10.9
85°	35.6	34.8	33.8	32.9	32.0	31.1	30.2	28.6	27.0	25.5	23.9
82.5°	62.8	60.9	58.9	57.3	55.5	53.5	51.5	49.1	46.4	43.3	40.0
80°	95.4	92.4	89.3	86.9	84.1	80.9	77.4	74.0	70.5	67.1	63.5
77.5°	131.0	128.1	124.6	121.0	117.1	113.1	108.8	103.8	98.7	93.6	88.3
75°	168.0	164.5	160.6	156.3	151.4	145.9	140.1	134.1	127.7	121.0	114.0
72.5°	205.9	201.3	196.3	191.2	185.7	179.9	173.3	166.0	158.1	149.5	141.0
70°	243.1	238.0	232.4	226.3	219.5	212.4	205.3	197.8	189.9	180.7	170.1
67.5°	278.3	272.6	266.7	260.0	252.4	244.3	236.2	227.7	218.7	209.2	198.2
65°	311.9	305.5	299.3	292.5	284.7	276.0	267.0	257.4	247.3	236.5	224.6
62.5°	342.8	337.4	330.8	323.1	315.1	306.6	296.8	286.0	275.0	263.5	250.4
60°	368.3	362.9	356.5	349.5	342.0	333.7	323.5	312.7	301.3	288.5	275.1
57.5°	389.0	383.7	378.0	371.7	364.9	356.5	347.1	337.1	325.2	312.2	298.5
55°	404.6	400.7	396.1	390.5	383.9	376.0	367.6	357.9	346.6	334.7	320.1
52.5°	418.6	415.2	411.4	407.2	400.7	392.9	385.1	375.5	365.5	353.4	340.1
50°	439.3	432.5	426.0	420.2	414.4	407.4	399.1	390.7	381.3	370.1	357.5
47.5°	465.3	454.2	443.4	435.0	427.7	420.1	412.0	403.5	394.7	384.7	372.4
45°	492.3	479.5	465.4	453.6	442.5	433.5	424.8	416.2	407.3	397.2	385.9
42.5°	521.1	507.4	491.7	476.3	461.1	448.9	437.9	428.9	419.1	409.2	397.6
40°	561.5	540.3	523.5	503.4	484.7	466.5	454.2	442.0	431.3	420.1	408.7
37.5°	615.1	590.3	564.1	538.1	514.0	490.8	473.3	458.3	444.0	431.7	418.8
35°	676.9	645.0	611.9	579.6	549.4	521.2	496.2	476.6	459.8	444.3	429.5
32.5°	757.9	711.9	668.1	627.7	587.8	553.1	523.0	497.6	477.0	459.3	441.7
30°	846.9	787.1	729.8	682.3	633.9	589.6	549.8	519.7	495.8	475.3	454.7
27.5°	991.1	875.9	802.6	737.3	681.5	630.1	582.5	539.4	513.1	491.3	469.0
25°	1304.3	1029.1	895.0	807.3	734.9	668.9	614.6	565.3	528.6	504.9	476.7
22.5°	1904.0	1379.8	1034.6	882.1	793.8	714.7	647.0	591.6	540.8	510.8	481.9
20°	3092.5	1915.9	1325.3	1006.0	858.6	759.4	679.7	617.2	560.9	517.6	485.5
17.5°	4698.5	2958.2	1692.8	1166.7	945.0	815.4	716.5	640.7	579.0	525.0	487.6
15°	6419.2	4141.8	2462.9	1469.6	1036.3	862.7	747.0	662.3	595.8	536.1	493.1
12.5°	8382.1	5380.8	3173.5	1715.4	1143.6	915.3	780.6	686.1	612.5	549.4	501.7
10°	10139.9	6632.8	3992.6	2225.7	1323.4	968.2	811.6	707.2	628.0	560.5	508.4
7.5°	11572.9	7813.9	4734.0	2606.1	1458.7	1010.1	837.7	724.9	640.8	568.5	513.3
5°	12489.0	8685.2	5324.5	2890.8	1552.8	1038.0	855.5	738.2	650.4	573.6	516.4
2.5°	13138.0	9262.0	5698.1	3056.7	1602.9	1053.0	868.0	746.2	657.6	579.8	521.4
0°	13170.0	9457.5	5824.7	3200.5	1613.1	1057.4	877.3	748.7	661.2	584.0	524.8
-2.5°	13138.0	9262.0	5698.1	3056.7	1602.9	1053.0	868.0	746.2	657.6	579.8	521.4
-5°	12489.0	8685.2	5324.5	2890.8	1552.8	1038.0	855.5	738.2	650.4	573.6	516.4
-7.5°	11572.9	7813.9	4734.0	2606.1	1458.7	1010.1	837.7	724.9	640.8	568.5	513.3
-10°	10139.9	6632.8	3992.6	2225.7	1323.4	968.2	811.6	707.2	628.0	560.5	508.4
-12.5°	8382.1	5380.8	3173.5	1715.4	1143.6	915.3	780.6	686.1	612.5	549.4	501.7
-15°	6419.2	4141.8	2462.9	1469.6	1036.3	862.7	747.0	662.3	595.8	536.1	493.1
-17.5°	4698.5	2958.2	1692.8	1166.7	945.0	815.4	716.5	640.7	579.0	525.0	487.6
-20°	3092.5	1915.9	1325.3	1006.0	858.6	759.4	679.7	617.2	560.9	517.6	485.5





REPORT NUMBER: P559095 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1904.0	1379.8	1034.6	882.1	793.8	714.7	647.0	591.6	540.8	510.8	481.9
-25°	1304.3	1029.1	895.0	807.3	734.9	668.9	614.6	565.3	528.6	504.9	476.7
-27.5°	991.1	875.9	802.6	737.3	681.5	630.1	582.5	539.4	513.1	491.3	469.0
-30°	846.9	787.1	729.8	682.3	633.9	589.6	549.8	519.7	495.8	475.3	454.7
-32.5°	757.9	711.9	668.1	627.7	587.8	553.1	523.0	497.6	477.0	459.3	441.7
-35°	676.9	645.0	611.9	579.6	549.4	521.2	496.2	476.6	459.8	444.3	429.5
-37.5°	615.1	590.3	564.1	538.1	514.0	490.8	473.3	458.3	444.0	431.7	418.8
-40°	561.5	540.3	523.5	503.4	484.7	466.5	454.2	442.0	431.3	420.1	408.7
-42.5°	521.1	507.4	491.7	476.3	461.1	448.9	437.9	428.9	419.1	409.2	397.6
-45°	492.3	479.5	465.4	453.6	442.5	433.5	424.8	416.2	407.3	397.2	385.9
-47.5°	465.3	454.2	443.4	435.0	427.7	420.1	412.0	403.5	394.7	384.7	372.4
-50°	439.3	432.5	426.0	420.2	414.4	407.4	399.1	390.7	381.3	370.1	357.5
-52.5°	418.6	415.2	411.4	407.2	400.7	392.9	385.1	375.5	365.5	353.4	340.1
-55°	404.6	400.7	396.1	390.5	383.9	376.0	367.6	357.9	346.6	334.7	320.1
-57.5°	389.0	383.7	378.0	371.7	364.9	356.5	347.1	337.1	325.2	312.2	298.5
-60°	368.3	362.9	356.5	349.5	342.0	333.7	323.5	312.7	301.3	288.5	275.1
-62.5°	342.8	337.4	330.8	323.1	315.1	306.6	296.8	286.0	275.0	263.5	250.4
-65°	311.9	305.5	299.3	292.5	284.7	276.0	267.0	257.4	247.3	236.5	224.6
-67.5°	278.3	272.6	266.7	260.0	252.4	244.3	236.2	227.7	218.7	209.2	198.2
-70°	243.1	238.0	232.4	226.3	219.5	212.4	205.3	197.8	189.9	180.7	170.1
-72.5°	205.9	201.3	196.3	191.2	185.7	179.9	173.3	166.0	158.1	149.5	141.0
-75°	168.0	164.5	160.6	156.3	151.4	145.9	140.1	134.1	127.7	121.0	114.0
-77.5°	131.0	128.1	124.6	121.0	117.1	113.1	108.8	103.8	98.7	93.6	88.3
-80°	95.4	92.4	89.3	86.9	84.1	80.9	77.4	74.0	70.5	67.1	63.5
-82.5°	62.8	60.9	58.9	57.3	55.5	53.5	51.5	49.1	46.4	43.3	40.0
-85°	35.6	34.8	33.8	32.9	32.0	31.1	30.2	28.6	27.0	25.5	23.9
-87.5°	13.3	12.5	11.7	12.0	12.3	12.5	12.6	12.2	11.8	11.4	10.9
-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: P559095 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-940-U-NR-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°	10.4	9.9	9.4	8.8	8.3	7.7	7.1	6.5	5.9	5.3	4.6
85°	22.9	21.6	20.3	18.8	17.2	15.4	14.2	13.0	11.8	10.5	9.3
82.5°	37.5	35.7	34.0	32.1	30.0	27.6	25.0	22.2	19.0	16.0	13.9
80°	59.5	55.5	51.5	47.5	43.6	39.8	36.6	33.0	28.5	24.2	20.1
77.5°	82.6	76.7	70.5	65.0	59.6	54.3	49.2	43.9	37.9	32.4	27.1
75°	106.6	99.4	92.0	84.4	76.6	68.7	62.2	55.6	48.3	40.7	34.0
72.5°	132.7	123.9	114.4	104.5	95.4	86.0	76.4	67.2	59.1	50.5	41.3
70°	159.4	149.0	138.5	126.9	114.9	103.3	92.3	81.2	69.8	60.1	50.0
67.5°	186.3	173.8	161.6	148.8	135.3	121.7	108.3	95.5	82.8	69.8	58.6
65°	211.8	198.2	183.7	169.5	155.0	140.0	124.9	110.0	95.5	81.2	67.1
62.5°	236.9	222.6	206.8	190.2	174.0	157.7	141.2	124.8	108.2	92.3	76.4
60°	261.0	245.7	229.1	211.1	192.9	175.0	157.2	139.5	121.4	103.3	86.0
57.5°	283.5	267.9	249.9	231.1	211.6	192.0	172.9	153.7	134.3	114.6	95.4
55°	305.0	288.3	269.8	250.1	229.5	208.6	188.3	167.7	146.9	125.8	104.5
52.5°	324.9	307.5	288.3	268.2	246.8	224.8	203.5	181.3	159.1	136.6	114.0
50°	342.9	325.3	305.8	285.1	263.3	240.7	218.4	194.9	171.0	147.2	123.3
47.5°	358.6	341.4	322.1	301.1	278.4	255.9	232.5	208.2	182.4	157.4	132.4
45°	372.1	356.2	337.1	315.7	293.6	270.2	245.7	221.2	194.1	167.3	141.2
42.5°	384.7	369.1	350.8	329.7	307.7	284.0	258.4	232.8	205.4	176.9	149.6
40°	395.5	380.9	363.5	342.9	321.2	297.4	270.6	243.6	216.4	186.2	157.6
37.5°	405.8	391.3	374.4	356.3	334.2	309.5	282.4	253.9	226.3	195.4	165.2
35°	415.3	400.5	385.7	367.8	346.2	321.2	293.8	263.7	234.9	204.0	172.5
32.5°	424.6	409.3	394.4	377.7	357.7	332.5	304.3	273.2	242.9	212.0	179.3
30°	435.1	417.1	402.2	386.8	368.0	342.7	313.7	281.9	250.5	219.5	185.7
27.5°	443.5	423.4	409.1	393.9	375.9	352.2	321.9	289.8	257.5	226.1	191.8
25°	450.5	429.7	414.3	400.0	383.1	359.8	329.4	296.7	264.0	231.8	197.3
22.5°	456.1	434.9	418.3	405.5	389.7	366.7	335.9	302.9	269.8	237.1	202.4
20°	459.2	438.6	421.4	410.1	395.3	371.8	341.5	308.3	274.9	241.8	206.9
17.5°	460.2	441.5	425.1	413.1	399.5	377.0	346.4	313.1	279.2	245.9	210.9
15°	464.5	444.2	428.0	415.6	403.1	382.0	350.6	317.2	282.9	249.6	214.3
12.5°	469.1	446.2	429.9	417.7	406.0	386.8	354.1	320.6	285.8	252.7	217.2
10°	473.0	447.5	430.9	419.3	408.3	391.2	356.8	323.3	288.9	255.2	219.6
7.5°	476.2	448.2	431.1	420.5	410.1	394.7	359.3	325.4	291.5	257.2	221.4
5°	478.6	448.5	431.0	421.3	411.8	397.0	361.2	326.6	293.6	258.7	222.7
2.5°	480.5	448.4	430.5	421.8	413.2	398.3	362.4	327.0	295.0	259.5	223.5
0°	481.1	447.7	429.7	421.9	414.2	398.8	362.8	326.7	295.9	259.8	223.8
-2.5°	480.5	448.4	430.5	421.8	413.2	398.3	362.4	327.0	295.0	259.5	223.5
-5°	478.6	448.5	431.0	421.3	411.8	397.0	361.2	326.6	293.6	258.7	222.7
-7.5°	476.2	448.2	431.1	420.5	410.1	394.7	359.3	325.4	291.5	257.2	221.4
-10°	473.0	447.5	430.9	419.3	408.3	391.2	356.8	323.3	288.9	255.2	219.6
-12.5°	469.1	446.2	429.9	417.7	406.0	386.8	354.1	320.6	285.8	252.7	217.2
-15°	464.5	444.2	428.0	415.6	403.1	382.0	350.6	317.2	282.9	249.6	214.3
-17.5°	460.2	441.5	425.1	413.1	399.5	377.0	346.4	313.1	279.2	245.9	210.9
-20°	459.2	438.6	421.4	410.1	395.3	371.8	341.5	308.3	274.9	241.8	206.9



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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°	456.1	434.9	418.3	405.5	389.7	366.7	335.9	302.9	269.8	237.1	202.4
-25°	450.5	429.7	414.3	400.0	383.1	359.8	329.4	296.7	264.0	231.8	197.3
-27.5°	443.5	423.4	409.1	393.9	375.9	352.2	321.9	289.8	257.5	226.1	191.8
-30°	435.1	417.1	402.2	386.8	368.0	342.7	313.7	281.9	250.5	219.5	185.7
-32.5°	424.6	409.3	394.4	377.7	357.7	332.5	304.3	273.2	242.9	212.0	179.3
-35°	415.3	400.5	385.7	367.8	346.2	321.2	293.8	263.7	234.9	204.0	172.5
-37.5°	405.8	391.3	374.4	356.3	334.2	309.5	282.4	253.9	226.3	195.4	165.2
-40°	395.5	380.9	363.5	342.9	321.2	297.4	270.6	243.6	216.4	186.2	157.6
-42.5°	384.7	369.1	350.8	329.7	307.7	284.0	258.4	232.8	205.4	176.9	149.6
-45°	372.1	356.2	337.1	315.7	293.6	270.2	245.7	221.2	194.1	167.3	141.2
-47.5°	358.6	341.4	322.1	301.1	278.4	255.9	232.5	208.2	182.4	157.4	132.4
-50°	342.9	325.3	305.8	285.1	263.3	240.7	218.4	194.9	171.0	147.2	123.3
-52.5°	324.9	307.5	288.3	268.2	246.8	224.8	203.5	181.3	159.1	136.6	114.0
-55°	305.0	288.3	269.8	250.1	229.5	208.6	188.3	167.7	146.9	125.8	104.5
-57.5°	283.5	267.9	249.9	231.1	211.6	192.0	172.9	153.7	134.3	114.6	95.4
-60°	261.0	245.7	229.1	211.1	192.9	175.0	157.2	139.5	121.4	103.3	86.0
-62.5°	236.9	222.6	206.8	190.2	174.0	157.7	141.2	124.8	108.2	92.3	76.4
-65°	211.8	198.2	183.7	169.5	155.0	140.0	124.9	110.0	95.5	81.2	67.1
-67.5°	186.3	173.8	161.6	148.8	135.3	121.7	108.3	95.5	82.8	69.8	58.6
-70°	159.4	149.0	138.5	126.9	114.9	103.3	92.3	81.2	69.8	60.1	50.0
-72.5°	132.7	123.9	114.4	104.5	95.4	86.0	76.4	67.2	59.1	50.5	41.3
-75°	106.6	99.4	92.0	84.4	76.6	68.7	62.2	55.6	48.3	40.7	34.0
-77.5°	82.6	76.7	70.5	65.0	59.6	54.3	49.2	43.9	37.9	32.4	27.1
-80°	59.5	55.5	51.5	47.5	43.6	39.8	36.6	33.0	28.5	24.2	20.1
-82.5°	37.5	35.7	34.0	32.1	30.0	27.6	25.0	22.2	19.0	16.0	13.9
-85°	22.9	21.6	20.3	18.8	17.2	15.4	14.2	13.0	11.8	10.5	9.3
-87.5°	10.4	9.9	9.4	8.8	8.3	7.7	7.1	6.5	5.9	5.3	4.6
-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°	4.0	3.3	2.7	2.0	1.3	0.7	0.0
85°	8.0	6.7	5.3	4.0	2.7	1.3	0.0
82.5°	11.9	10.0	8.0	6.0	4.0	2.0	0.0
80°	16.1	13.3	10.6	8.0	5.3	2.7	0.0
77.5°	22.0	17.2	13.3	10.0	6.7	3.3	0.0
75°	27.9	22.2	16.1	11.9	8.0	4.0	0.0
72.5°	33.8	27.2	20.3	13.9	9.3	4.6	0.0
70°	39.8	32.2	24.3	16.0	10.5	5.3	0.0
67.5°	47.3	37.1	28.3	19.1	11.8	5.9	0.0
65°	54.6	42.5	32.3	22.1	13.0	6.5	0.0
62.5°	61.7	48.4	36.2	25.1	14.2	7.1	0.0
60°	68.7	54.1	40.1	28.0	15.4	7.7	0.0
57.5°	76.6	59.7	44.4	30.9	17.3	8.3	0.0
55°	84.4	65.1	48.7	33.7	19.2	8.8	0.0
52.5°	92.0	70.5	52.8	36.4	21.0	9.4	0.0
50°	99.4	76.7	56.8	39.1	22.7	9.9	0.0
47.5°	106.6	82.6	60.7	41.7	24.4	10.4	0.0
45°	114.2	88.3	64.3	44.5	26.1	10.9	0.0
42.5°	121.4	93.7	67.8	47.1	27.6	11.4	0.0
40°	128.4	98.9	71.6	49.6	29.1	11.8	0.0
37.5°	135.1	103.9	75.5	51.9	30.5	12.2	0.0
35°	141.5	108.9	79.3	54.1	31.9	12.6	0.0
32.5°	147.5	113.9	82.8	56.1	33.1	13.0	0.0
30°	152.9	118.6	86.0	58.1	34.3	13.3	0.0
27.5°	158.0	123.0	89.2	59.9	35.4	13.7	0.0
25°	162.7	127.0	92.1	61.5	36.4	14.0	0.0
22.5°	167.0	130.8	94.8	63.0	37.3	14.2	0.0
20°	170.9	134.1	97.3	64.4	38.1	14.5	0.0
17.5°	174.2	137.1	99.6	65.5	38.8	14.7	0.0
15°	177.1	139.6	101.6	66.6	39.4	14.9	0.0
12.5°	179.6	141.8	103.4	67.5	40.0	15.0	0.0
10°	181.6	143.5	104.9	68.2	40.4	15.2	0.0
7.5°	183.2	144.9	106.1	68.8	40.8	15.3	0.0
5°	184.3	145.8	107.1	69.2	41.0	15.3	0.0
2.5°	185.0	146.4	107.7	69.4	41.2	15.4	0.0
0°	185.2	146.6	108.1	69.5	41.2	15.4	0.0
-2.5°	185.0	146.4	107.7	69.4	41.2	15.4	0.0
-5°	184.3	145.8	107.1	69.2	41.0	15.3	0.0
-7.5°	183.2	144.9	106.1	68.8	40.8	15.3	0.0
-10°	181.6	143.5	104.9	68.2	40.4	15.2	0.0
-12.5°	179.6	141.8	103.4	67.5	40.0	15.0	0.0
-15°	177.1	139.6	101.6	66.6	39.4	14.9	0.0
-17.5°	174.2	137.1	99.6	65.5	38.8	14.7	0.0
-20°	170.9	134.1	97.3	64.4	38.1	14.5	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	167.0	130.8	94.8	63.0	37.3	14.2	0.0
-25°	162.7	127.0	92.1	61.5	36.4	14.0	0.0
-27.5°	158.0	123.0	89.2	59.9	35.4	13.7	0.0
-30°	152.9	118.6	86.0	58.1	34.3	13.3	0.0
-32.5°	147.5	113.9	82.8	56.1	33.1	13.0	0.0
-35°	141.5	108.9	79.3	54.1	31.9	12.6	0.0
-37.5°	135.1	103.9	75.5	51.9	30.5	12.2	0.0
-40°	128.4	98.9	71.6	49.6	29.1	11.8	0.0
-42.5°	121.4	93.7	67.8	47.1	27.6	11.4	0.0
-45°	114.2	88.3	64.3	44.5	26.1	10.9	0.0
-47.5°	106.6	82.6	60.7	41.7	24.4	10.4	0.0
-50°	99.4	76.7	56.8	39.1	22.7	9.9	0.0
-52.5°	92.0	70.5	52.8	36.4	21.0	9.4	0.0
-55°	84.4	65.1	48.7	33.7	19.2	8.8	0.0
-57.5°	76.6	59.7	44.4	30.9	17.3	8.3	0.0
-60°	68.7	54.1	40.1	28.0	15.4	7.7	0.0
-62.5°	61.7	48.4	36.2	25.1	14.2	7.1	0.0
-65°	54.6	42.5	32.3	22.1	13.0	6.5	0.0
-67.5°	47.3	37.1	28.3	19.1	11.8	5.9	0.0
-70°	39.8	32.2	24.3	16.0	10.5	5.3	0.0
-72.5°	33.8	27.2	20.3	13.9	9.3	4.6	0.0
-75°	27.9	22.2	16.1	11.9	8.0	4.0	0.0
-77.5°	22.0	17.2	13.3	10.0	6.7	3.3	0.0
-80°	16.1	13.3	10.6	8.0	5.3	2.7	0.0
-82.5°	11.9	10.0	8.0	6.0	4.0	2.0	0.0
-85°	8.0	6.7	5.3	4.0	2.7	1.3	0.0
-87.5°	4.0	3.3	2.7	2.0	1.3	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)