

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: P558999 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-940-U-NR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558999 (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-SA4E-940-U-NR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3  
Light Source: (64) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

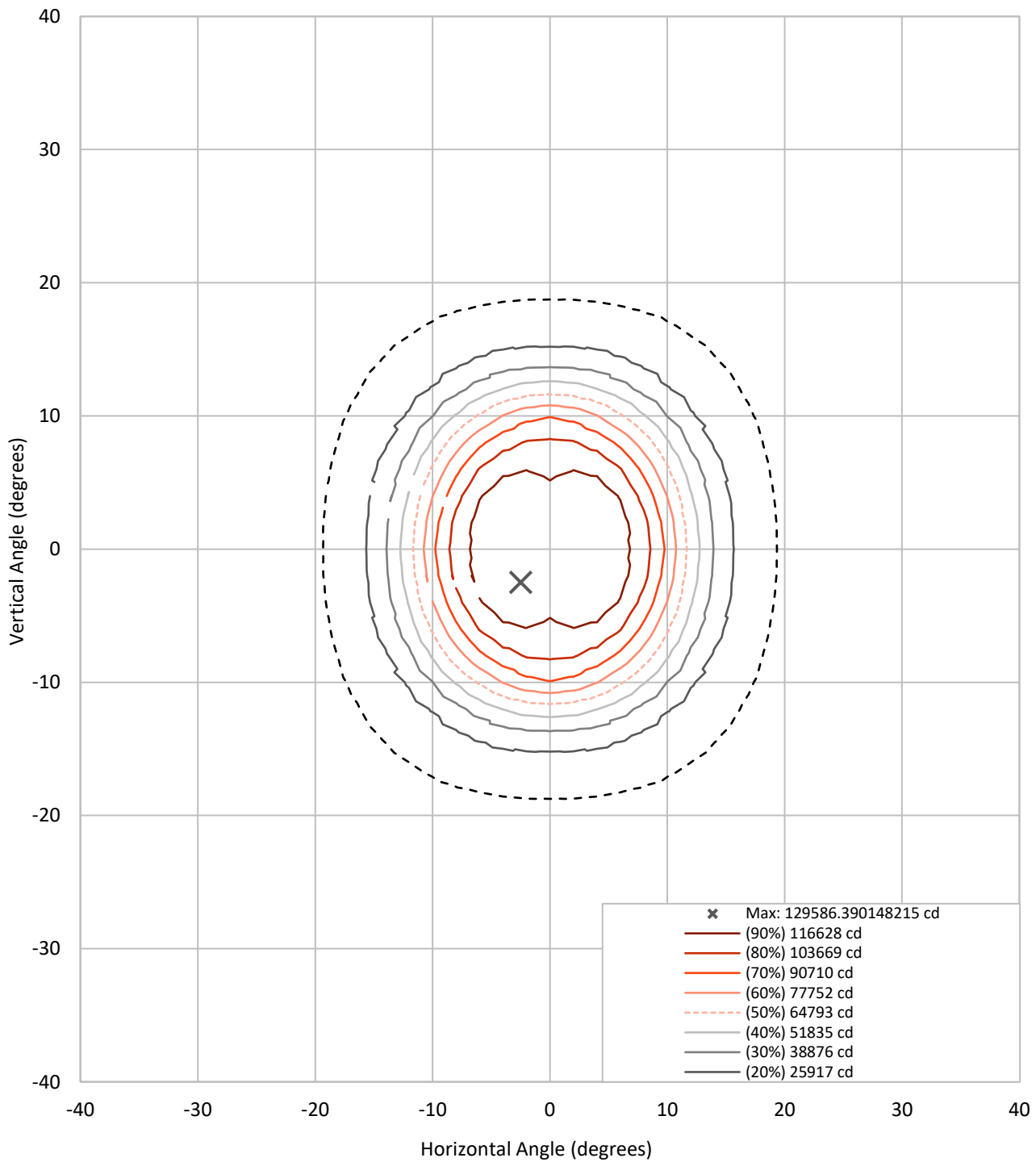
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	24504.7 lumens	Max Intensity:	129586.4 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	98.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	13229.2 lumens	Field Lumens:	19950.4 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 250  
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





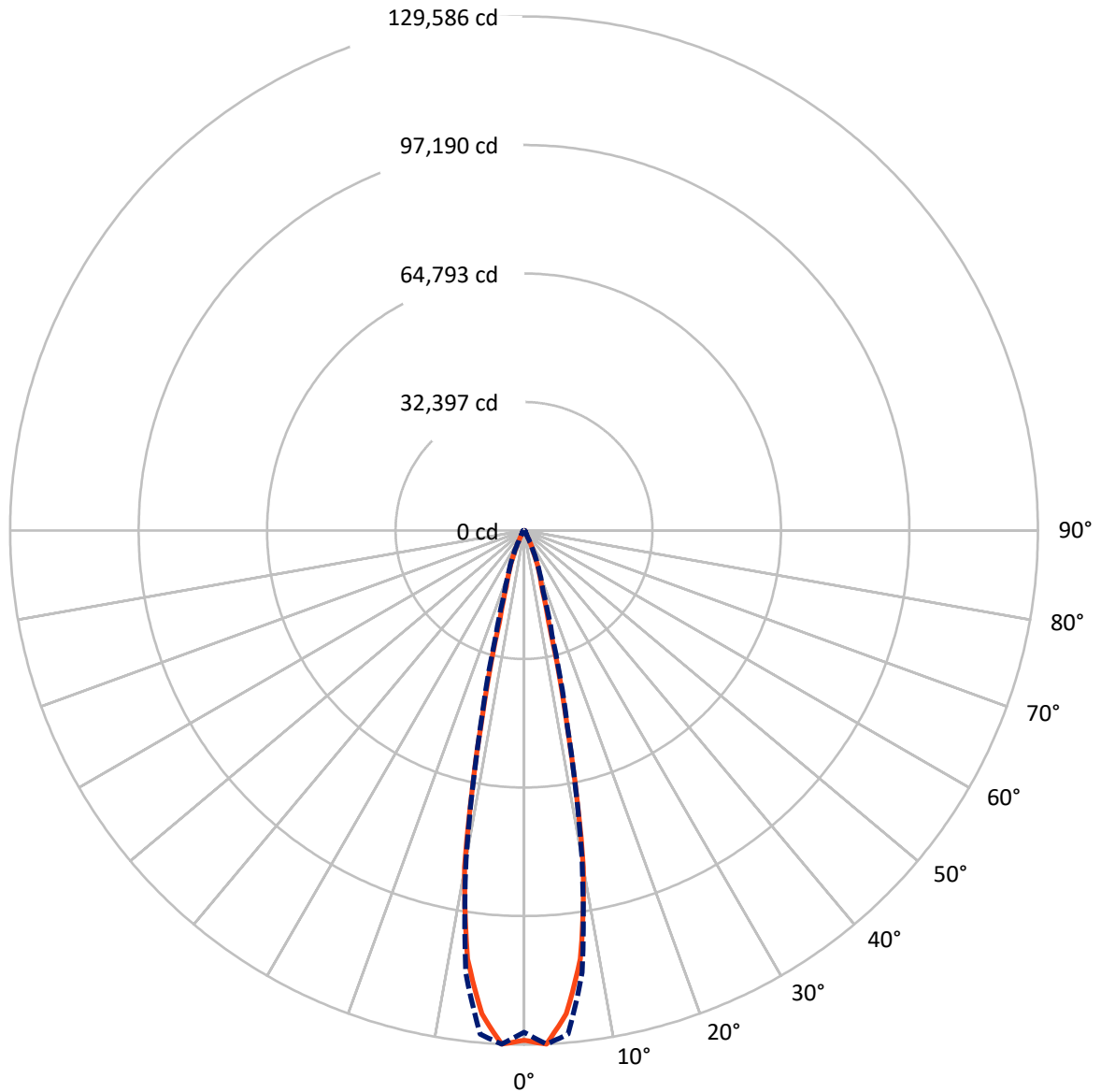
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### Lumen Table

90	0.3	2.5		6.6		10.5		12.3		10.5		6.6		2.5		0.3			
80	0.3	2.5		6.6		10.5		12.3		10.5		6.6		2.5		0.3			
70	1.1	1.3	2.6	4.3	5.9	7.3	8.3	8.9	8.9	8.3	7.3	5.9	4.3	2.6	1.3	1.1			
60		1.9	3.9	6.1	8.1	9.7	10.7	11.2	11.2	10.7	9.7	8.1	6.1	3.9	1.9				
50	2.1	2.5	4.9	7.4	9.5	11.5	13.3	14.1	14.1	13.3	11.5	9.5	7.4	4.9	2.5	2.1			
40		3.1	5.7	8.3	11.2	15.2	20.0	24.0	24.0	20.0	15.2	11.2	8.3	5.7	3.1				
30	2.7	3.4	6.2	9.1	13.8	25.0	75.3	146.6	146.6	75.3	25.0	13.8	9.1	6.2	3.4	2.7			
20		3.7	6.5	9.7	17.3	74.3	343.1	882.2	882.2	343.1	74.3	17.3	9.7	6.5	3.7				
10	3.0	3.8	6.6	10.2	20.7	144.8	893.4	3156.2	3156.2	893.4	144.8	20.7	10.2	6.6	3.8	3.0			
0		3.8	6.6	10.2	20.7	144.8	893.4	3156.2	3156.2	893.4	144.8	20.7	10.2	6.6	3.8				
-10	2.7	3.7	6.5	9.7	17.3	74.3	343.1	882.2	882.2	343.1	74.3	17.3	9.7	6.5	3.7	2.7			
-20		3.4	6.2	9.1	13.8	25.0	75.3	146.6	146.6	75.3	25.0	13.8	9.1	6.2	3.4				
-30	2.1	3.1	5.7	8.3	11.2	15.2	20.0	24.0	24.0	20.0	15.2	11.2	8.3	5.7	3.1	2.1			
-40		2.5	4.9	7.4	9.5	11.5	13.3	14.1	14.1	13.3	11.5	9.5	7.4	4.9	2.5				
-50	1.1	1.9	3.9	6.1	8.1	9.7	10.7	11.2	11.2	10.7	9.7	8.1	6.1	3.9	1.9	1.1			
-60		1.3	2.6	4.3	5.9	7.3	8.3	8.9	8.9	8.3	7.3	5.9	4.3	2.6	1.3				
-70	0.3	2.5		6.6		10.5		12.3		10.5		6.6		2.5		0.3			
-80		2.5		6.6		10.5		12.3		10.5		6.6		2.5					
-90	0.3	2.5		6.6		10.5		12.3		10.5		6.6		2.5		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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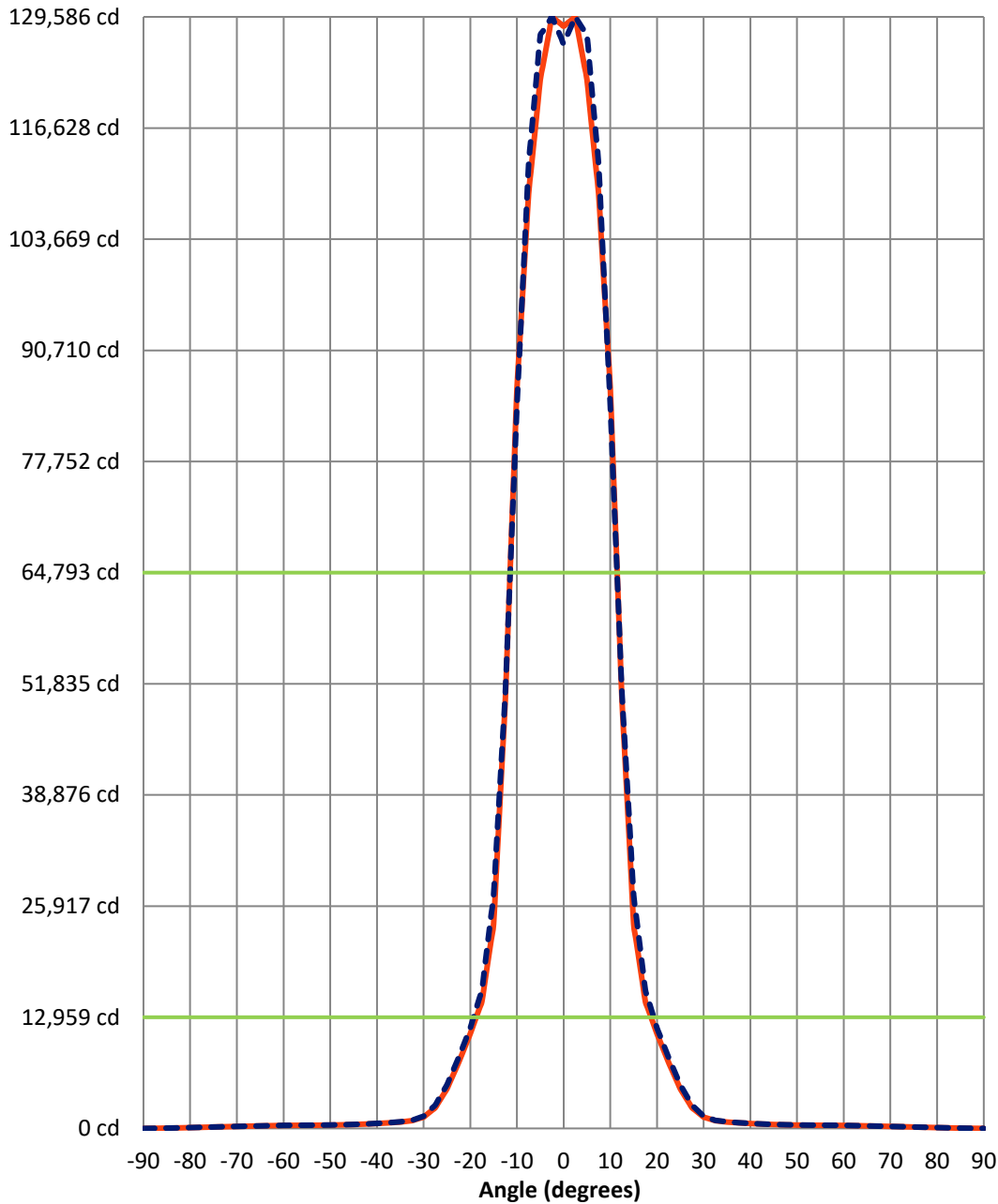
### Luminous Intensity Polar Plot



— 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: 13229.2  
Efficiency: 54.0%

**Field:**  
H Angle: 38.6°  
V Angle: 37.5°  
Lumens: 19950.4  
Efficiency: 81.4%

**Spill:**  
Lumens: 4554.3  
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	0.6	1.2	1.8	2.4	3.0	3.6	4.1	4.7	5.3	5.8
85°	0.0	1.2	2.4	3.6	4.8	6.0	7.1	8.3	9.4	10.6	11.7
82.5°	0.0	1.8	3.6	5.4	7.2	8.9	10.7	12.4	14.3	17.0	19.9
80°	0.0	2.4	4.8	7.2	9.5	11.9	14.4	18.0	21.6	25.5	29.4
77.5°	0.0	3.0	6.0	8.9	11.9	15.4	19.7	24.2	28.9	33.8	39.1
75°	0.0	3.6	7.1	10.7	14.5	19.9	24.9	30.3	36.2	43.1	49.5
72.5°	0.0	4.1	8.3	12.4	18.1	24.3	30.1	36.8	44.9	52.6	59.9
70°	0.0	4.7	9.4	14.3	21.7	28.7	35.5	44.6	53.6	62.2	72.3
67.5°	0.0	5.3	10.6	17.1	25.3	33.1	42.1	52.2	62.2	73.7	85.1
65°	0.0	5.8	11.7	19.8	28.8	37.9	48.6	59.7	72.3	85.1	98.0
62.5°	0.0	6.4	12.7	22.4	32.3	43.1	55.0	68.1	82.3	96.4	111.2
60°	0.0	6.9	13.8	25.0	35.7	48.2	61.2	76.6	92.0	108.2	124.3
57.5°	0.0	7.4	15.5	27.6	39.6	53.2	68.2	85.0	102.1	119.7	137.0
55°	0.0	7.9	17.1	30.0	43.4	58.0	75.2	93.1	112.1	130.9	149.4
52.5°	0.0	8.4	18.8	32.5	47.1	62.8	82.0	101.6	121.8	141.7	161.4
50°	0.0	8.9	20.3	34.8	50.6	68.3	88.6	109.9	131.1	152.3	173.6
47.5°	0.0	9.3	21.8	37.2	54.0	73.6	95.0	118.0	140.2	162.5	185.5
45°	0.0	9.8	23.3	39.6	57.3	78.6	101.7	125.8	149.0	172.9	197.0
42.5°	0.0	10.2	24.6	42.0	60.4	83.5	108.2	133.3	157.6	183.0	207.4
40°	0.0	10.6	26.0	44.1	63.8	88.1	114.4	140.4	165.9	192.8	217.1
37.5°	0.0	10.9	27.2	46.2	67.3	92.6	120.4	147.2	174.0	201.6	226.2
35°	0.0	11.3	28.4	48.2	70.6	97.1	126.1	153.6	181.7	209.3	235.0
32.5°	0.0	11.6	29.5	50.0	73.7	101.5	131.4	159.7	188.9	216.5	243.5
30°	0.0	12.0	30.6	51.7	76.7	105.7	136.2	165.4	195.5	223.2	251.2
27.5°	0.0	12.2	31.5	53.3	79.5	109.6	140.8	170.9	201.5	229.5	258.2
25°	0.0	12.5	32.4	54.8	82.1	113.2	144.9	175.8	206.6	235.3	264.4
22.5°	0.0	12.7	33.2	56.1	84.5	116.5	148.8	180.3	211.2	240.4	269.8
20°	0.0	13.0	33.9	57.3	86.7	119.5	152.2	184.3	215.4	244.9	274.7
17.5°	0.0	13.2	34.6	58.4	88.7	122.1	155.2	187.9	219.1	248.8	279.0
15°	0.0	13.3	35.1	59.3	90.5	124.4	157.8	190.9	222.4	252.0	282.6
12.5°	0.0	13.5	35.6	60.1	92.1	126.3	160.0	193.5	225.2	254.7	285.6
10°	0.0	13.6	36.0	60.7	93.4	127.9	161.8	195.6	227.4	257.4	288.1
7.5°	0.0	13.7	36.3	61.2	94.5	129.1	163.2	197.3	229.2	259.7	289.9
5°	0.0	13.7	36.5	61.6	95.4	129.9	164.2	198.5	230.5	261.5	291.0
2.5°	0.0	13.8	36.7	61.8	96.0	130.4	164.8	199.2	231.2	262.8	291.3
0°	0.0	13.8	36.7	61.9	96.3	130.6	165.0	199.4	231.5	263.6	291.1
-2.5°	0.0	13.8	36.7	61.9	96.3	130.6	165.0	199.4	231.5	263.6	291.1
-5°	0.0	13.7	36.5	61.6	95.4	129.9	164.2	198.5	230.5	261.5	291.0
-7.5°	0.0	13.7	36.3	61.2	94.5	129.1	163.2	197.3	229.2	259.7	289.9
-10°	0.0	13.6	36.0	60.7	93.4	127.9	161.8	195.6	227.4	257.4	288.1
-12.5°	0.0	13.5	35.6	60.1	92.1	126.3	160.0	193.5	225.2	254.7	285.6
-15°	0.0	13.3	35.1	59.3	90.5	124.4	157.8	190.9	222.4	252.0	282.6
-17.5°	0.0	13.2	34.6	58.4	88.7	122.1	155.2	187.9	219.1	248.8	279.0
-20°	0.0	13.0	33.9	57.3	86.7	119.5	152.2	184.3	215.4	244.9	274.7



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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	12.7	33.2	56.1	84.5	116.5	148.8	180.3	211.2	240.4	269.8
-25°	0.0	12.5	32.4	54.8	82.1	113.2	144.9	175.8	206.6	235.3	264.4
-27.5°	0.0	12.2	31.5	53.3	79.5	109.6	140.8	170.9	201.5	229.5	258.2
-30°	0.0	12.0	30.6	51.7	76.7	105.7	136.2	165.4	195.5	223.2	251.2
-32.5°	0.0	11.6	29.5	50.0	73.7	101.5	131.4	159.7	188.9	216.5	243.5
-35°	0.0	11.3	28.4	48.2	70.6	97.1	126.1	153.6	181.7	209.3	235.0
-37.5°	0.0	10.9	27.2	46.2	67.3	92.6	120.4	147.2	174.0	201.6	226.2
-40°	0.0	10.6	26.0	44.1	63.8	88.1	114.4	140.4	165.9	192.8	217.1
-42.5°	0.0	10.2	24.6	42.0	60.4	83.5	108.2	133.3	157.6	183.0	207.4
-45°	0.0	9.8	23.3	39.6	57.3	78.6	101.7	125.8	149.0	172.9	197.0
-47.5°	0.0	9.3	21.8	37.2	54.0	73.6	95.0	118.0	140.2	162.5	185.5
-50°	0.0	8.9	20.3	34.8	50.6	68.3	88.6	109.9	131.1	152.3	173.6
-52.5°	0.0	8.4	18.8	32.5	47.1	62.8	82.0	101.6	121.8	141.7	161.4
-55°	0.0	7.9	17.1	30.0	43.4	58.0	75.2	93.1	112.1	130.9	149.4
-57.5°	0.0	7.4	15.5	27.6	39.6	53.2	68.2	85.0	102.1	119.7	137.0
-60°	0.0	6.9	13.8	25.0	35.7	48.2	61.2	76.6	92.0	108.2	124.3
-62.5°	0.0	6.4	12.7	22.4	32.3	43.1	55.0	68.1	82.3	96.4	111.2
-65°	0.0	5.8	11.7	19.8	28.8	37.9	48.6	59.7	72.3	85.1	98.0
-67.5°	0.0	5.3	10.6	17.1	25.3	33.1	42.1	52.2	62.2	73.7	85.1
-70°	0.0	4.7	9.4	14.3	21.7	28.7	35.5	44.6	53.6	62.2	72.3
-72.5°	0.0	4.1	8.3	12.4	18.1	24.3	30.1	36.8	44.9	52.6	59.9
-75°	0.0	3.6	7.1	10.7	14.5	19.9	24.9	30.3	36.2	43.1	49.5
-77.5°	0.0	3.0	6.0	8.9	11.9	15.4	19.7	24.2	28.9	33.8	39.1
-80°	0.0	2.4	4.8	7.2	9.5	11.9	14.4	18.0	21.6	25.5	29.4
-82.5°	0.0	1.8	3.6	5.4	7.2	8.9	10.7	12.4	14.3	17.0	19.9
-85°	0.0	1.2	2.4	3.6	4.8	6.0	7.1	8.3	9.4	10.6	11.7
-87.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.1	4.7	5.3	5.8
-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°	6.4	6.9	7.4	7.9	8.4	8.9	9.3	9.8	10.2	10.6	10.9
85°	12.7	13.8	15.4	16.8	18.1	19.3	20.4	21.4	22.7	24.1	25.5
82.5°	22.3	24.6	26.7	28.6	30.3	31.8	33.4	35.7	38.6	41.4	43.8
80°	32.6	35.5	38.9	42.3	45.9	49.4	53.0	56.6	59.8	62.8	65.9
77.5°	43.8	48.4	53.1	57.9	62.8	68.3	73.6	78.6	83.4	88.0	92.5
75°	55.4	61.2	68.2	75.2	82.0	88.6	95.0	101.6	107.8	113.8	119.4
72.5°	68.1	76.6	85.0	93.1	102.0	110.4	118.3	125.6	133.2	140.9	147.9
70°	82.3	92.0	102.4	113.0	123.4	132.8	142.1	151.6	161.0	169.2	176.2
67.5°	96.5	108.5	120.6	132.6	144.0	154.8	166.0	176.6	186.3	194.8	202.9
65°	111.3	124.8	138.1	151.0	163.7	176.6	188.7	200.1	210.7	220.3	229.4
62.5°	125.8	140.5	155.0	169.4	184.2	198.3	211.0	223.1	234.8	245.0	254.8
60°	140.0	155.9	171.8	188.0	204.1	218.9	232.6	245.1	257.1	268.5	278.6
57.5°	154.0	171.0	188.5	205.8	222.6	238.7	252.6	266.0	278.2	289.7	300.3
55°	167.7	185.7	204.5	222.8	240.4	256.9	271.8	285.2	298.2	308.7	318.8
52.5°	181.3	200.2	219.8	239.0	256.9	274.0	289.5	303.0	314.8	325.6	334.6
50°	194.6	214.4	234.6	254.0	272.5	289.9	305.4	318.5	329.7	339.7	348.1
47.5°	207.1	228.0	248.1	268.2	286.9	304.2	319.5	331.7	342.8	351.7	359.6
45°	218.9	240.7	261.6	281.2	300.3	317.3	331.5	343.8	353.9	362.9	370.8
42.5°	230.2	253.0	274.1	293.7	312.5	328.8	342.7	354.2	364.5	373.4	382.1
40°	241.1	264.9	286.2	305.5	323.9	339.4	352.3	364.1	374.2	384.2	393.7
37.5°	251.6	275.7	297.8	317.4	333.5	348.6	361.4	373.1	384.6	395.5	408.3
35°	261.8	286.2	308.4	327.7	343.6	356.8	369.9	382.7	395.8	409.6	424.5
32.5°	271.1	296.2	318.7	336.5	351.3	364.6	378.3	393.5	409.2	425.0	443.2
30°	279.5	305.3	327.9	344.6	358.3	371.6	387.6	405.1	423.4	441.6	462.9
27.5°	286.8	313.8	334.9	350.9	364.4	377.2	395.2	417.8	437.7	457.1	480.6
25°	293.5	320.6	341.3	356.4	369.1	382.8	401.4	424.7	449.7	470.9	503.6
22.5°	299.3	326.7	347.2	361.2	372.7	387.5	406.3	429.3	455.1	481.7	527.0
20°	304.3	331.3	352.2	365.3	375.4	390.8	409.0	432.5	461.1	499.7	549.8
17.5°	308.6	335.8	355.9	368.0	378.8	393.3	410.0	434.4	467.7	515.8	570.8
15°	312.4	340.3	359.1	370.3	381.4	395.7	413.8	439.3	477.7	530.8	590.1
12.5°	315.5	344.6	361.7	372.1	383.1	397.5	417.9	447.0	489.5	545.7	611.3
10°	317.9	348.5	363.7	373.6	383.9	398.7	421.4	453.0	499.3	559.5	630.1
7.5°	320.1	351.7	365.4	374.6	384.1	399.3	424.2	457.3	506.5	570.9	645.9
5°	321.8	353.7	366.9	375.4	384.0	399.6	426.4	460.0	511.0	579.5	657.6
2.5°	322.8	354.9	368.1	375.8	383.6	399.5	428.0	464.5	516.5	585.9	664.7
0°	323.2	355.3	369.0	375.9	382.8	398.8	428.6	467.6	520.3	589.1	667.0
-2.5°	322.8	354.9	368.1	375.8	383.6	399.5	428.0	464.5	516.5	585.9	664.7
-5°	321.8	353.7	366.9	375.4	384.0	399.6	426.4	460.0	511.0	579.5	657.6
-7.5°	320.1	351.7	365.4	374.6	384.1	399.3	424.2	457.3	506.5	570.9	645.9
-10°	317.9	348.5	363.7	373.6	383.9	398.7	421.4	453.0	499.3	559.5	630.1
-12.5°	315.5	344.6	361.7	372.1	383.1	397.5	417.9	447.0	489.5	545.7	611.3
-15°	312.4	340.3	359.1	370.3	381.4	395.7	413.8	439.3	477.7	530.8	590.1
-17.5°	308.6	335.8	355.9	368.0	378.8	393.3	410.0	434.4	467.7	515.8	570.8
-20°	304.3	331.3	352.2	365.3	375.4	390.8	409.0	432.5	461.1	499.7	549.8



REPORT NUMBER: P558999 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-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°	299.3	326.7	347.2	361.2	372.7	387.5	406.3	429.3	455.1	481.7	527.0
-25°	293.5	320.6	341.3	356.4	369.1	382.8	401.4	424.7	449.7	470.9	503.6
-27.5°	286.8	313.8	334.9	350.9	364.4	377.2	395.2	417.8	437.7	457.1	480.6
-30°	279.5	305.3	327.9	344.6	358.3	371.6	387.6	405.1	423.4	441.6	462.9
-32.5°	271.1	296.2	318.7	336.5	351.3	364.6	378.3	393.5	409.2	425.0	443.2
-35°	261.8	286.2	308.4	327.7	343.6	356.8	369.9	382.7	395.8	409.6	424.5
-37.5°	251.6	275.7	297.8	317.4	333.5	348.6	361.4	373.1	384.6	395.5	408.3
-40°	241.1	264.9	286.2	305.5	323.9	339.4	352.3	364.1	374.2	384.2	393.7
-42.5°	230.2	253.0	274.1	293.7	312.5	328.8	342.7	354.2	364.5	373.4	382.1
-45°	218.9	240.7	261.6	281.2	300.3	317.3	331.5	343.8	353.9	362.9	370.8
-47.5°	207.1	228.0	248.1	268.2	286.9	304.2	319.5	331.7	342.8	351.7	359.6
-50°	194.6	214.4	234.6	254.0	272.5	289.9	305.4	318.5	329.7	339.7	348.1
-52.5°	181.3	200.2	219.8	239.0	256.9	274.0	289.5	303.0	314.8	325.6	334.6
-55°	167.7	185.7	204.5	222.8	240.4	256.9	271.8	285.2	298.2	308.7	318.8
-57.5°	154.0	171.0	188.5	205.8	222.6	238.7	252.6	266.0	278.2	289.7	300.3
-60°	140.0	155.9	171.8	188.0	204.1	218.9	232.6	245.1	257.1	268.5	278.6
-62.5°	125.8	140.5	155.0	169.4	184.2	198.3	211.0	223.1	234.8	245.0	254.8
-65°	111.3	124.8	138.1	151.0	163.7	176.6	188.7	200.1	210.7	220.3	229.4
-67.5°	96.5	108.5	120.6	132.6	144.0	154.8	166.0	176.6	186.3	194.8	202.9
-70°	82.3	92.0	102.4	113.0	123.4	132.8	142.1	151.6	161.0	169.2	176.2
-72.5°	68.1	76.6	85.0	93.1	102.0	110.4	118.3	125.6	133.2	140.9	147.9
-75°	55.4	61.2	68.2	75.2	82.0	88.6	95.0	101.6	107.8	113.8	119.4
-77.5°	43.8	48.4	53.1	57.9	62.8	68.3	73.6	78.6	83.4	88.0	92.5
-80°	32.6	35.5	38.9	42.3	45.9	49.4	53.0	56.6	59.8	62.8	65.9
-82.5°	22.3	24.6	26.7	28.6	30.3	31.8	33.4	35.7	38.6	41.4	43.8
-85°	12.7	13.8	15.4	16.8	18.1	19.3	20.4	21.4	22.7	24.1	25.5
-87.5°	6.4	6.9	7.4	7.9	8.4	8.9	9.3	9.8	10.2	10.6	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: P558999 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-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°	11.3	11.2	11.0	10.7	10.4	11.2	11.9	12.6	13.3	13.5	13.6
85°	26.9	27.8	28.6	29.3	30.1	31.0	31.8	32.4	33.0	34.0	34.9
82.5°	45.9	47.7	49.4	51.0	52.5	54.2	55.9	57.5	59.0	60.0	60.7
80°	69.0	72.1	74.9	77.4	79.6	82.3	85.0	87.4	89.5	90.9	92.0
77.5°	96.9	100.8	104.4	107.8	111.0	114.1	116.8	118.9	120.6	122.7	124.6
75°	124.8	130.0	134.9	139.2	143.1	146.5	149.7	152.5	155.1	157.4	159.4
72.5°	154.4	160.2	165.5	170.3	174.8	179.3	183.5	187.2	190.4	193.1	195.4
70°	182.9	189.2	195.6	201.6	207.1	212.1	216.6	220.6	224.0	227.0	229.4
67.5°	210.5	217.7	224.9	231.6	237.6	242.9	248.0	252.6	256.9	260.2	262.4
65°	237.9	245.9	253.7	260.6	266.7	272.2	277.9	282.9	287.1	290.2	292.3
62.5°	264.5	273.2	280.7	287.9	294.7	300.5	305.4	309.9	314.1	317.5	319.7
60°	288.2	297.3	304.6	311.4	317.6	323.3	328.1	332.9	337.4	341.3	344.3
57.5°	309.2	317.6	325.1	331.1	336.7	341.8	346.6	350.5	353.6	356.0	358.1
55°	327.5	335.0	342.0	347.9	352.8	357.0	360.5	363.3	365.4	367.0	368.2
52.5°	343.1	350.0	356.9	362.7	366.5	369.9	372.9	376.3	378.2	378.5	378.3
50°	355.6	363.0	369.2	374.4	379.5	385.3	391.3	394.3	395.5	394.7	393.7
47.5°	367.1	374.3	381.1	387.5	395.0	404.7	414.5	419.1	418.8	416.7	415.7
45°	378.4	386.2	394.2	404.1	414.6	427.1	438.6	445.7	445.8	446.0	447.7
42.5°	390.1	399.9	410.9	424.3	438.1	452.1	464.2	473.2	479.9	488.0	494.8
40°	404.6	415.6	431.9	448.6	466.4	481.3	500.2	516.5	529.9	542.0	551.2
37.5°	421.7	437.3	458.0	479.4	502.5	525.8	547.9	568.6	586.2	606.3	621.2
35°	442.0	464.3	489.5	516.3	545.1	574.6	603.1	636.0	664.9	690.7	711.7
32.5°	465.9	492.8	523.6	559.2	595.2	634.3	675.2	717.4	758.1	800.4	842.8
30°	489.8	525.3	564.7	607.9	650.2	701.3	754.5	823.5	895.9	978.4	1105.3
27.5°	518.9	561.3	607.1	656.9	715.1	780.4	883.0	1010.6	1228.4	1391.2	1828.4
25°	547.5	595.8	654.7	719.2	797.4	916.9	1162.0	1445.6	2077.2	2668.5	3351.6
22.5°	576.4	636.7	707.2	785.9	921.8	1229.3	1696.3	2551.4	3527.1	4562.7	5617.5
20°	605.5	676.6	764.9	896.2	1180.7	1706.9	2755.1	4129.1	5515.5	7209.2	8673.8
17.5°	638.3	726.4	841.8	1039.3	1508.1	2635.5	4185.9	6092.5	8238.0	10415.3	12243.5
15°	665.5	768.6	923.2	1309.3	2194.2	3689.9	5718.7	8303.4	11228.7	13981.3	16329.3
12.5°	695.4	815.4	1018.8	1528.2	2827.2	4793.7	7467.5	10648.0	14157.4	17929.2	23901.0
10°	723.0	862.6	1179.1	1982.9	3557.0	5909.1	9033.4	12617.1	16873.2	24424.8	38541.5
7.5°	746.3	899.9	1299.6	2321.8	4217.4	6961.3	10310.1	14300.9	20699.7	33386.8	57141.9
5°	762.1	924.7	1383.4	2575.4	4743.5	7737.5	11126.2	15409.7	24603.7	44341.8	72945.2
2.5°	773.3	938.1	1428.1	2723.2	5076.4	8251.4	11704.5	16155.8	27224.7	50678.4	84190.9
0°	781.6	942.0	1437.1	2851.3	5189.2	8425.6	11733.0	16356.0	28123.4	53152.5	88197.9
-2.5°	773.3	938.1	1428.1	2723.2	5076.4	8251.4	11704.5	16155.8	27224.7	50678.4	84190.9
-5°	762.1	924.7	1383.4	2575.4	4743.5	7737.5	11126.2	15409.7	24603.7	44341.8	72945.2
-7.5°	746.3	899.9	1299.6	2321.8	4217.4	6961.3	10310.1	14300.9	20699.7	33386.8	57141.9
-10°	723.0	862.6	1179.1	1982.9	3557.0	5909.1	9033.4	12617.1	16873.2	24424.8	38541.5
-12.5°	695.4	815.4	1018.8	1528.2	2827.2	4793.7	7467.5	10648.0	14157.4	17929.2	23901.0
-15°	665.5	768.6	923.2	1309.3	2194.2	3689.9	5718.7	8303.4	11228.7	13981.3	16329.3
-17.5°	638.3	726.4	841.8	1039.3	1508.1	2635.5	4185.9	6092.5	8238.0	10415.3	12243.5
-20°	605.5	676.6	764.9	896.2	1180.7	1706.9	2755.1	4129.1	5515.5	7209.2	8673.8



REPORT NUMBER: P558999 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-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°	576.4	636.7	707.2	785.9	921.8	1229.3	1696.3	2551.4	3527.1	4562.7	5617.5
-25°	547.5	595.8	654.7	719.2	797.4	916.9	1162.0	1445.6	2077.2	2668.5	3351.6
-27.5°	518.9	561.3	607.1	656.9	715.1	780.4	883.0	1010.6	1228.4	1391.2	1828.4
-30°	489.8	525.3	564.7	607.9	650.2	701.3	754.5	823.5	895.9	978.4	1105.3
-32.5°	465.9	492.8	523.6	559.2	595.2	634.3	675.2	717.4	758.1	800.4	842.8
-35°	442.0	464.3	489.5	516.3	545.1	574.6	603.1	636.0	664.9	690.7	711.7
-37.5°	421.7	437.3	458.0	479.4	502.5	525.8	547.9	568.6	586.2	606.3	621.2
-40°	404.6	415.6	431.9	448.6	466.4	481.3	500.2	516.5	529.9	542.0	551.2
-42.5°	390.1	399.9	410.9	424.3	438.1	452.1	464.2	473.2	479.9	488.0	494.8
-45°	378.4	386.2	394.2	404.1	414.6	427.1	438.6	445.7	445.8	446.0	447.7
-47.5°	367.1	374.3	381.1	387.5	395.0	404.7	414.5	419.1	418.8	416.7	415.7
-50°	355.6	363.0	369.2	374.4	379.5	385.3	391.3	394.3	395.5	394.7	393.7
-52.5°	343.1	350.0	356.9	362.7	366.5	369.9	372.9	376.3	378.2	378.5	378.3
-55°	327.5	335.0	342.0	347.9	352.8	357.0	360.5	363.3	365.4	367.0	368.2
-57.5°	309.2	317.6	325.1	331.1	336.7	341.8	346.6	350.5	353.6	356.0	358.1
-60°	288.2	297.3	304.6	311.4	317.6	323.3	328.1	332.9	337.4	341.3	344.3
-62.5°	264.5	273.2	280.7	287.9	294.7	300.5	305.4	309.9	314.1	317.5	319.7
-65°	237.9	245.9	253.7	260.6	266.7	272.2	277.9	282.9	287.1	290.2	292.3
-67.5°	210.5	217.7	224.9	231.6	237.6	242.9	248.0	252.6	256.9	260.2	262.4
-70°	182.9	189.2	195.6	201.6	207.1	212.1	216.6	220.6	224.0	227.0	229.4
-72.5°	154.4	160.2	165.5	170.3	174.8	179.3	183.5	187.2	190.4	193.1	195.4
-75°	124.8	130.0	134.9	139.2	143.1	146.5	149.7	152.5	155.1	157.4	159.4
-77.5°	96.9	100.8	104.4	107.8	111.0	114.1	116.8	118.9	120.6	122.7	124.6
-80°	69.0	72.1	74.9	77.4	79.6	82.3	85.0	87.4	89.5	90.9	92.0
-82.5°	45.9	47.7	49.4	51.0	52.5	54.2	55.9	57.5	59.0	60.0	60.7
-85°	26.9	27.8	28.6	29.3	30.1	31.0	31.8	32.4	33.0	34.0	34.9
-87.5°	11.3	11.2	11.0	10.7	10.4	11.2	11.9	12.6	13.3	13.5	13.6
-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: P558999 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-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°	13.7	13.7	13.8	13.8	13.8	13.7	13.7	13.6	13.5	13.3	12.6
85°	35.7	36.5	35.5	34.4	35.5	36.5	35.7	34.9	34.0	33.0	32.4
82.5°	61.2	61.6	61.8	61.9	61.8	61.6	61.2	60.7	60.0	59.0	57.5
80°	92.9	93.5	95.0	96.3	95.0	93.5	92.9	92.0	90.9	89.5	87.4
77.5°	126.3	127.7	128.2	128.4	128.2	127.7	126.3	124.6	122.7	120.6	118.9
75°	160.9	161.9	164.7	167.3	164.7	161.9	160.9	159.4	157.4	155.1	152.5
72.5°	197.1	198.4	200.2	201.7	200.2	198.4	197.1	195.4	193.1	190.4	187.2
70°	231.3	232.7	233.5	233.8	233.5	232.7	231.3	229.4	227.0	224.0	220.6
67.5°	264.0	264.8	264.6	263.6	264.6	264.8	264.0	262.4	260.2	256.9	252.6
65°	293.7	294.6	294.4	293.4	294.4	294.6	293.7	292.3	290.2	287.1	282.9
62.5°	321.2	322.1	322.9	323.2	322.9	322.1	321.2	319.7	317.5	314.1	309.9
60°	346.9	349.2	350.4	350.7	350.4	349.2	346.9	344.3	341.3	337.4	332.9
57.5°	359.8	361.3	361.9	362.1	361.9	361.3	359.8	358.1	356.0	353.6	350.5
55°	368.8	368.8	368.0	366.7	368.0	368.8	368.8	368.2	367.0	365.4	363.3
52.5°	377.6	376.3	375.8	375.9	375.8	376.3	377.6	378.3	378.5	378.2	376.3
50°	392.5	390.3	389.3	389.6	389.3	390.3	392.5	393.7	394.7	395.5	394.3
47.5°	417.1	417.9	418.8	419.4	418.8	417.9	417.1	415.7	416.7	418.8	419.1
45°	452.3	455.5	457.5	458.4	457.5	455.5	452.3	447.7	446.0	445.8	445.7
42.5°	501.6	505.6	507.0	506.5	507.0	505.6	501.6	494.8	488.0	479.9	473.2
40°	560.9	568.6	573.1	573.0	573.1	568.6	560.9	551.2	542.0	529.9	516.5
37.5°	634.7	645.0	650.2	648.6	650.2	645.0	634.7	621.2	606.3	586.2	568.6
35°	727.9	738.1	742.3	747.2	742.3	738.1	727.9	711.7	690.7	664.9	636.0
32.5°	876.1	897.0	905.2	893.9	905.2	897.0	876.1	842.8	800.4	758.1	717.4
30°	1191.1	1267.2	1318.1	1343.1	1318.1	1267.2	1191.1	1105.3	978.4	895.9	823.5
27.5°	2129.3	2328.5	2412.8	2459.4	2412.8	2328.5	2129.3	1828.4	1391.2	1228.4	1010.6
25°	3936.6	4361.7	4606.3	4586.4	4606.3	4361.7	3936.6	3351.6	2668.5	2077.2	1445.6
22.5°	6597.5	7268.1	7670.4	7818.2	7670.4	7268.1	6597.5	5617.5	4562.7	3527.1	2551.4
20°	9896.3	10648.3	11041.5	11100.4	11041.5	10648.3	9896.3	8673.8	7209.2	5515.5	4129.1
17.5°	13682.3	14395.2	14809.5	14804.3	14809.5	14395.2	13682.3	12243.5	10415.3	8238.0	6092.5
15°	19527.2	22286.3	23842.2	23614.9	23842.2	22286.3	19527.2	16329.3	13981.3	11228.7	8303.4
12.5°	31996.6	43017.0	49853.0	51541.2	49853.0	43017.0	31996.6	23901.0	17929.2	14157.4	10648.0
10°	56542.2	73029.5	86196.6	90001.7	86196.6	73029.5	56542.2	38541.5	24424.8	16873.2	12617.1
7.5°	81332.2	100900.1	108953.1	109888.7	108953.1	100900.1	81332.2	57141.9	33386.8	20699.7	14300.9
5°	100043.7	119954.7	122259.4	116470.3	122259.4	119954.7	100043.7	72945.2	44341.8	24603.7	15409.7
2.5°	112395.0	127438.0	129586.4	126470.5	129586.4	127438.0	112395.0	84190.9	50678.4	27224.7	16155.8
0°	115211.9	125448.2	128500.1	128833.6	128500.1	125448.2	115211.9	88197.9	53152.5	28123.4	16356.0
-2.5°	112395.0	127438.0	129586.4	126470.5	129586.4	127438.0	112395.0	84190.9	50678.4	27224.7	16155.8
-5°	100043.7	119954.7	122259.4	116470.3	122259.4	119954.7	100043.7	72945.2	44341.8	24603.7	15409.7
-7.5°	81332.2	100900.1	108953.1	109888.7	108953.1	100900.1	81332.2	57141.9	33386.8	20699.7	14300.9
-10°	56542.2	73029.5	86196.6	90001.7	86196.6	73029.5	56542.2	38541.5	24424.8	16873.2	12617.1
-12.5°	31996.6	43017.0	49853.0	51541.2	49853.0	43017.0	31996.6	23901.0	17929.2	14157.4	10648.0
-15°	19527.2	22286.3	23842.2	23614.9	23842.2	22286.3	19527.2	16329.3	13981.3	11228.7	8303.4
-17.5°	13682.3	14395.2	14809.5	14804.3	14809.5	14395.2	13682.3	12243.5	10415.3	8238.0	6092.5
-20°	9896.3	10648.3	11041.5	11100.4	11041.5	10648.3	9896.3	8673.8	7209.2	5515.5	4129.1



REPORT NUMBER: P558999 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-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°	6597.5	7268.1	7670.4	7818.2	7670.4	7268.1	6597.5	5617.5	4562.7	3527.1	2551.4
-25°	3936.6	4361.7	4606.3	4586.4	4606.3	4361.7	3936.6	3351.6	2668.5	2077.2	1445.6
-27.5°	2129.3	2328.5	2412.8	2459.4	2412.8	2328.5	2129.3	1828.4	1391.2	1228.4	1010.6
-30°	1191.1	1267.2	1318.1	1343.1	1318.1	1267.2	1191.1	1105.3	978.4	895.9	823.5
-32.5°	876.1	897.0	905.2	893.9	905.2	897.0	876.1	842.8	800.4	758.1	717.4
-35°	727.9	738.1	742.3	747.2	742.3	738.1	727.9	711.7	690.7	664.9	636.0
-37.5°	634.7	645.0	650.2	648.6	650.2	645.0	634.7	621.2	606.3	586.2	568.6
-40°	560.9	568.6	573.1	573.0	573.1	568.6	560.9	551.2	542.0	529.9	516.5
-42.5°	501.6	505.6	507.0	506.5	507.0	505.6	501.6	494.8	488.0	479.9	473.2
-45°	452.3	455.5	457.5	458.4	457.5	455.5	452.3	447.7	446.0	445.8	445.7
-47.5°	417.1	417.9	418.8	419.4	418.8	417.9	417.1	415.7	416.7	418.8	419.1
-50°	392.5	390.3	389.3	389.6	389.3	390.3	392.5	393.7	394.7	395.5	394.3
-52.5°	377.6	376.3	375.8	375.9	375.8	376.3	377.6	378.3	378.5	378.2	376.3
-55°	368.8	368.8	368.0	366.7	368.0	368.8	368.8	368.2	367.0	365.4	363.3
-57.5°	359.8	361.3	361.9	362.1	361.9	361.3	359.8	358.1	356.0	353.6	350.5
-60°	346.9	349.2	350.4	350.7	350.4	349.2	346.9	344.3	341.3	337.4	332.9
-62.5°	321.2	322.1	322.9	323.2	322.9	322.1	321.2	319.7	317.5	314.1	309.9
-65°	293.7	294.6	294.4	293.4	294.4	294.6	293.7	292.3	290.2	287.1	282.9
-67.5°	264.0	264.8	264.6	263.6	264.6	264.8	264.0	262.4	260.2	256.9	252.6
-70°	231.3	232.7	233.5	233.8	233.5	232.7	231.3	229.4	227.0	224.0	220.6
-72.5°	197.1	198.4	200.2	201.7	200.2	198.4	197.1	195.4	193.1	190.4	187.2
-75°	160.9	161.9	164.7	167.3	164.7	161.9	160.9	159.4	157.4	155.1	152.5
-77.5°	126.3	127.7	128.2	128.4	128.2	127.7	126.3	124.6	122.7	120.6	118.9
-80°	92.9	93.5	95.0	96.3	95.0	93.5	92.9	92.0	90.9	89.5	87.4
-82.5°	61.2	61.6	61.8	61.9	61.8	61.6	61.2	60.7	60.0	59.0	57.5
-85°	35.7	36.5	35.5	34.4	35.5	36.5	35.7	34.9	34.0	33.0	32.4
-87.5°	13.7	13.7	13.8	13.8	13.8	13.7	13.7	13.6	13.5	13.3	12.6
-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: P558999 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-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°	11.9	11.2	10.4	10.7	11.0	11.2	11.3	10.9	10.6	10.2	9.8
85°	31.8	31.0	30.1	29.3	28.6	27.8	26.9	25.5	24.1	22.7	21.4
82.5°	55.9	54.2	52.5	51.0	49.4	47.7	45.9	43.8	41.4	38.6	35.7
80°	85.0	82.3	79.6	77.4	74.9	72.1	69.0	65.9	62.8	59.8	56.6
77.5°	116.8	114.1	111.0	107.8	104.4	100.8	96.9	92.5	88.0	83.4	78.6
75°	149.7	146.5	143.1	139.2	134.9	130.0	124.8	119.4	113.8	107.8	101.6
72.5°	183.5	179.3	174.8	170.3	165.5	160.2	154.4	147.9	140.9	133.2	125.6
70°	216.6	212.1	207.1	201.6	195.6	189.2	182.9	176.2	169.2	161.0	151.6
67.5°	248.0	242.9	237.6	231.6	224.9	217.7	210.5	202.9	194.8	186.3	176.6
65°	277.9	272.2	266.7	260.6	253.7	245.9	237.9	229.4	220.3	210.7	200.1
62.5°	305.4	300.5	294.7	287.9	280.7	273.2	264.5	254.8	245.0	234.8	223.1
60°	328.1	323.3	317.6	311.4	304.6	297.3	288.2	278.6	268.5	257.1	245.1
57.5°	346.6	341.8	336.7	331.1	325.1	317.6	309.2	300.3	289.7	278.2	266.0
55°	360.5	357.0	352.8	347.9	342.0	335.0	327.5	318.8	308.7	298.2	285.2
52.5°	372.9	369.9	366.5	362.7	356.9	350.0	343.1	334.6	325.6	314.8	303.0
50°	391.3	385.3	379.5	374.4	369.2	363.0	355.6	348.1	339.7	329.7	318.5
47.5°	414.5	404.7	395.0	387.5	381.1	374.3	367.1	359.6	351.7	342.8	331.7
45°	438.6	427.1	414.6	404.1	394.2	386.2	378.4	370.8	362.9	353.9	343.8
42.5°	464.2	452.1	438.1	424.3	410.9	399.9	390.1	382.1	373.4	364.5	354.2
40°	500.2	481.3	466.4	448.6	431.9	415.6	404.6	393.7	384.2	374.2	364.1
37.5°	547.9	525.8	502.5	479.4	458.0	437.3	421.7	408.3	395.5	384.6	373.1
35°	603.1	574.6	545.1	516.3	489.5	464.3	442.0	424.5	409.6	395.8	382.7
32.5°	675.2	634.3	595.2	559.2	523.6	492.8	465.9	443.2	425.0	409.2	393.5
30°	754.5	701.3	650.2	607.9	564.7	525.3	489.8	462.9	441.6	423.4	405.1
27.5°	883.0	780.4	715.1	656.9	607.1	561.3	518.9	480.6	457.1	437.7	417.8
25°	1162.0	916.9	797.4	719.2	654.7	595.8	547.5	503.6	470.9	449.7	424.7
22.5°	1696.3	1229.3	921.8	785.9	707.2	636.7	576.4	527.0	481.7	455.1	429.3
20°	2755.1	1706.9	1180.7	896.2	764.9	676.6	605.5	549.8	499.7	461.1	432.5
17.5°	4185.9	2635.5	1508.1	1039.3	841.8	726.4	638.3	570.8	515.8	467.7	434.4
15°	5718.7	3689.9	2194.2	1309.3	923.2	768.6	665.5	590.1	530.8	477.7	439.3
12.5°	7467.5	4793.7	2827.2	1528.2	1018.8	815.4	695.4	611.3	545.7	489.5	447.0
10°	9033.4	5909.1	3557.0	1982.9	1179.1	862.6	723.0	630.1	559.5	499.3	453.0
7.5°	10310.1	6961.3	4217.4	2321.8	1299.6	899.9	746.3	645.9	570.9	506.5	457.3
5°	11126.2	7737.5	4743.5	2575.4	1383.4	924.7	762.1	657.6	579.5	511.0	460.0
2.5°	11704.5	8251.4	5076.4	2723.2	1428.1	938.1	773.3	664.7	585.9	516.5	464.5
0°	11733.0	8425.6	5189.2	2851.3	1437.1	942.0	781.6	667.0	589.1	520.3	467.6
-2.5°	11704.5	8251.4	5076.4	2723.2	1428.1	938.1	773.3	664.7	585.9	516.5	464.5
-5°	11126.2	7737.5	4743.5	2575.4	1383.4	924.7	762.1	657.6	579.5	511.0	460.0
-7.5°	10310.1	6961.3	4217.4	2321.8	1299.6	899.9	746.3	645.9	570.9	506.5	457.3
-10°	9033.4	5909.1	3557.0	1982.9	1179.1	862.6	723.0	630.1	559.5	499.3	453.0
-12.5°	7467.5	4793.7	2827.2	1528.2	1018.8	815.4	695.4	611.3	545.7	489.5	447.0
-15°	5718.7	3689.9	2194.2	1309.3	923.2	768.6	665.5	590.1	530.8	477.7	439.3
-17.5°	4185.9	2635.5	1508.1	1039.3	841.8	726.4	638.3	570.8	515.8	467.7	434.4
-20°	2755.1	1706.9	1180.7	896.2	764.9	676.6	605.5	549.8	499.7	461.1	432.5





REPORT NUMBER: P558999 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-940-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1696.3	1229.3	921.8	785.9	707.2	636.7	576.4	527.0	481.7	455.1	429.3
-25°	1162.0	916.9	797.4	719.2	654.7	595.8	547.5	503.6	470.9	449.7	424.7
-27.5°	883.0	780.4	715.1	656.9	607.1	561.3	518.9	480.6	457.1	437.7	417.8
-30°	754.5	701.3	650.2	607.9	564.7	525.3	489.8	462.9	441.6	423.4	405.1
-32.5°	675.2	634.3	595.2	559.2	523.6	492.8	465.9	443.2	425.0	409.2	393.5
-35°	603.1	574.6	545.1	516.3	489.5	464.3	442.0	424.5	409.6	395.8	382.7
-37.5°	547.9	525.8	502.5	479.4	458.0	437.3	421.7	408.3	395.5	384.6	373.1
-40°	500.2	481.3	466.4	448.6	431.9	415.6	404.6	393.7	384.2	374.2	364.1
-42.5°	464.2	452.1	438.1	424.3	410.9	399.9	390.1	382.1	373.4	364.5	354.2
-45°	438.6	427.1	414.6	404.1	394.2	386.2	378.4	370.8	362.9	353.9	343.8
-47.5°	414.5	404.7	395.0	387.5	381.1	374.3	367.1	359.6	351.7	342.8	331.7
-50°	391.3	385.3	379.5	374.4	369.2	363.0	355.6	348.1	339.7	329.7	318.5
-52.5°	372.9	369.9	366.5	362.7	356.9	350.0	343.1	334.6	325.6	314.8	303.0
-55°	360.5	357.0	352.8	347.9	342.0	335.0	327.5	318.8	308.7	298.2	285.2
-57.5°	346.6	341.8	336.7	331.1	325.1	317.6	309.2	300.3	289.7	278.2	266.0
-60°	328.1	323.3	317.6	311.4	304.6	297.3	288.2	278.6	268.5	257.1	245.1
-62.5°	305.4	300.5	294.7	287.9	280.7	273.2	264.5	254.8	245.0	234.8	223.1
-65°	277.9	272.2	266.7	260.6	253.7	245.9	237.9	229.4	220.3	210.7	200.1
-67.5°	248.0	242.9	237.6	231.6	224.9	217.7	210.5	202.9	194.8	186.3	176.6
-70°	216.6	212.1	207.1	201.6	195.6	189.2	182.9	176.2	169.2	161.0	151.6
-72.5°	183.5	179.3	174.8	170.3	165.5	160.2	154.4	147.9	140.9	133.2	125.6
-75°	149.7	146.5	143.1	139.2	134.9	130.0	124.8	119.4	113.8	107.8	101.6
-77.5°	116.8	114.1	111.0	107.8	104.4	100.8	96.9	92.5	88.0	83.4	78.6
-80°	85.0	82.3	79.6	77.4	74.9	72.1	69.0	65.9	62.8	59.8	56.6
-82.5°	55.9	54.2	52.5	51.0	49.4	47.7	45.9	43.8	41.4	38.6	35.7
-85°	31.8	31.0	30.1	29.3	28.6	27.8	26.9	25.5	24.1	22.7	21.4
-87.5°	11.9	11.2	10.4	10.7	11.0	11.2	11.3	10.9	10.6	10.2	9.8
-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: P558999 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-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°	9.3	8.9	8.4	7.9	7.4	6.9	6.4	5.8	5.3	4.7	4.1
85°	20.4	19.3	18.1	16.8	15.4	13.8	12.7	11.7	10.6	9.4	8.3
82.5°	33.4	31.8	30.3	28.6	26.7	24.6	22.3	19.9	17.0	14.3	12.4
80°	53.0	49.4	45.9	42.3	38.9	35.5	32.6	29.4	25.5	21.6	18.0
77.5°	73.6	68.3	62.8	57.9	53.1	48.4	43.8	39.1	33.8	28.9	24.2
75°	95.0	88.6	82.0	75.2	68.2	61.2	55.4	49.5	43.1	36.2	30.3
72.5°	118.3	110.4	102.0	93.1	85.0	76.6	68.1	59.9	52.6	44.9	36.8
70°	142.1	132.8	123.4	113.0	102.4	92.0	82.3	72.3	62.2	53.6	44.6
67.5°	166.0	154.8	144.0	132.6	120.6	108.5	96.5	85.1	73.7	62.2	52.2
65°	188.7	176.6	163.7	151.0	138.1	124.8	111.3	98.0	85.1	72.3	59.7
62.5°	211.0	198.3	184.2	169.4	155.0	140.5	125.8	111.2	96.4	82.3	68.1
60°	232.6	218.9	204.1	188.0	171.8	155.9	140.0	124.3	108.2	92.0	76.6
57.5°	252.6	238.7	222.6	205.8	188.5	171.0	154.0	137.0	119.7	102.1	85.0
55°	271.8	256.9	240.4	222.8	204.5	185.7	167.7	149.4	130.9	112.1	93.1
52.5°	289.5	274.0	256.9	239.0	219.8	200.2	181.3	161.4	141.7	121.8	101.6
50°	305.4	289.9	272.5	254.0	234.6	214.4	194.6	173.6	152.3	131.1	109.9
47.5°	319.5	304.2	286.9	268.2	248.1	228.0	207.1	185.5	162.5	140.2	118.0
45°	331.5	317.3	300.3	281.2	261.6	240.7	218.9	197.0	172.9	149.0	125.8
42.5°	342.7	328.8	312.5	293.7	274.1	253.0	230.2	207.4	183.0	157.6	133.3
40°	352.3	339.4	323.9	305.5	286.2	264.9	241.1	217.1	192.8	165.9	140.4
37.5°	361.4	348.6	333.5	317.4	297.8	275.7	251.6	226.2	201.6	174.0	147.2
35°	369.9	356.8	343.6	327.7	308.4	286.2	261.8	235.0	209.3	181.7	153.6
32.5°	378.3	364.6	351.3	336.5	318.7	296.2	271.1	243.5	216.5	188.9	159.7
30°	387.6	371.6	358.3	344.6	327.9	305.3	279.5	251.2	223.2	195.5	165.4
27.5°	395.2	377.2	364.4	350.9	334.9	313.8	286.8	258.2	229.5	201.5	170.9
25°	401.4	382.8	369.1	356.4	341.3	320.6	293.5	264.4	235.3	206.6	175.8
22.5°	406.3	387.5	372.7	361.2	347.2	326.7	299.3	269.8	240.4	211.2	180.3
20°	409.0	390.8	375.4	365.3	352.2	331.3	304.3	274.7	244.9	215.4	184.3
17.5°	410.0	393.3	378.8	368.0	355.9	335.8	308.6	279.0	248.8	219.1	187.9
15°	413.8	395.7	381.4	370.3	359.1	340.3	312.4	282.6	252.0	222.4	190.9
12.5°	417.9	397.5	383.1	372.1	361.7	344.6	315.5	285.6	254.7	225.2	193.5
10°	421.4	398.7	383.9	373.6	363.7	348.5	317.9	288.1	257.4	227.4	195.6
7.5°	424.2	399.3	384.1	374.6	365.4	351.7	320.1	289.9	259.7	229.2	197.3
5°	426.4	399.6	384.0	375.4	366.9	353.7	321.8	291.0	261.5	230.5	198.5
2.5°	428.0	399.5	383.6	375.8	368.1	354.9	322.8	291.3	262.8	231.2	199.2
0°	428.6	398.8	382.8	375.9	369.0	355.3	323.2	291.1	263.6	231.5	199.4
-2.5°	428.0	399.5	383.6	375.8	368.1	354.9	322.8	291.3	262.8	231.2	199.2
-5°	426.4	399.6	384.0	375.4	366.9	353.7	321.8	291.0	261.5	230.5	198.5
-7.5°	424.2	399.3	384.1	374.6	365.4	351.7	320.1	289.9	259.7	229.2	197.3
-10°	421.4	398.7	383.9	373.6	363.7	348.5	317.9	288.1	257.4	227.4	195.6
-12.5°	417.9	397.5	383.1	372.1	361.7	344.6	315.5	285.6	254.7	225.2	193.5
-15°	413.8	395.7	381.4	370.3	359.1	340.3	312.4	282.6	252.0	222.4	190.9
-17.5°	410.0	393.3	378.8	368.0	355.9	335.8	308.6	279.0	248.8	219.1	187.9
-20°	409.0	390.8	375.4	365.3	352.2	331.3	304.3	274.7	244.9	215.4	184.3



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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°	406.3	387.5	372.7	361.2	347.2	326.7	299.3	269.8	240.4	211.2	180.3
-25°	401.4	382.8	369.1	356.4	341.3	320.6	293.5	264.4	235.3	206.6	175.8
-27.5°	395.2	377.2	364.4	350.9	334.9	313.8	286.8	258.2	229.5	201.5	170.9
-30°	387.6	371.6	358.3	344.6	327.9	305.3	279.5	251.2	223.2	195.5	165.4
-32.5°	378.3	364.6	351.3	336.5	318.7	296.2	271.1	243.5	216.5	188.9	159.7
-35°	369.9	356.8	343.6	327.7	308.4	286.2	261.8	235.0	209.3	181.7	153.6
-37.5°	361.4	348.6	333.5	317.4	297.8	275.7	251.6	226.2	201.6	174.0	147.2
-40°	352.3	339.4	323.9	305.5	286.2	264.9	241.1	217.1	192.8	165.9	140.4
-42.5°	342.7	328.8	312.5	293.7	274.1	253.0	230.2	207.4	183.0	157.6	133.3
-45°	331.5	317.3	300.3	281.2	261.6	240.7	218.9	197.0	172.9	149.0	125.8
-47.5°	319.5	304.2	286.9	268.2	248.1	228.0	207.1	185.5	162.5	140.2	118.0
-50°	305.4	289.9	272.5	254.0	234.6	214.4	194.6	173.6	152.3	131.1	109.9
-52.5°	289.5	274.0	256.9	239.0	219.8	200.2	181.3	161.4	141.7	121.8	101.6
-55°	271.8	256.9	240.4	222.8	204.5	185.7	167.7	149.4	130.9	112.1	93.1
-57.5°	252.6	238.7	222.6	205.8	188.5	171.0	154.0	137.0	119.7	102.1	85.0
-60°	232.6	218.9	204.1	188.0	171.8	155.9	140.0	124.3	108.2	92.0	76.6
-62.5°	211.0	198.3	184.2	169.4	155.0	140.5	125.8	111.2	96.4	82.3	68.1
-65°	188.7	176.6	163.7	151.0	138.1	124.8	111.3	98.0	85.1	72.3	59.7
-67.5°	166.0	154.8	144.0	132.6	120.6	108.5	96.5	85.1	73.7	62.2	52.2
-70°	142.1	132.8	123.4	113.0	102.4	92.0	82.3	72.3	62.2	53.6	44.6
-72.5°	118.3	110.4	102.0	93.1	85.0	76.6	68.1	59.9	52.6	44.9	36.8
-75°	95.0	88.6	82.0	75.2	68.2	61.2	55.4	49.5	43.1	36.2	30.3
-77.5°	73.6	68.3	62.8	57.9	53.1	48.4	43.8	39.1	33.8	28.9	24.2
-80°	53.0	49.4	45.9	42.3	38.9	35.5	32.6	29.4	25.5	21.6	18.0
-82.5°	33.4	31.8	30.3	28.6	26.7	24.6	22.3	19.9	17.0	14.3	12.4
-85°	20.4	19.3	18.1	16.8	15.4	13.8	12.7	11.7	10.6	9.4	8.3
-87.5°	9.3	8.9	8.4	7.9	7.4	6.9	6.4	5.8	5.3	4.7	4.1
-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°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
85°	7.1	6.0	4.8	3.6	2.4	1.2	0.0
82.5°	10.7	8.9	7.2	5.4	3.6	1.8	0.0
80°	14.4	11.9	9.5	7.2	4.8	2.4	0.0
77.5°	19.7	15.4	11.9	8.9	6.0	3.0	0.0
75°	24.9	19.9	14.5	10.7	7.1	3.6	0.0
72.5°	30.1	24.3	18.1	12.4	8.3	4.1	0.0
70°	35.5	28.7	21.7	14.3	9.4	4.7	0.0
67.5°	42.1	33.1	25.3	17.1	10.6	5.3	0.0
65°	48.6	37.9	28.8	19.8	11.7	5.8	0.0
62.5°	55.0	43.1	32.3	22.4	12.7	6.4	0.0
60°	61.2	48.2	35.7	25.0	13.8	6.9	0.0
57.5°	68.2	53.2	39.6	27.6	15.5	7.4	0.0
55°	75.2	58.0	43.4	30.0	17.1	7.9	0.0
52.5°	82.0	62.8	47.1	32.5	18.8	8.4	0.0
50°	88.6	68.3	50.6	34.8	20.3	8.9	0.0
47.5°	95.0	73.6	54.0	37.2	21.8	9.3	0.0
45°	101.7	78.6	57.3	39.6	23.3	9.8	0.0
42.5°	108.2	83.5	60.4	42.0	24.6	10.2	0.0
40°	114.4	88.1	63.8	44.1	26.0	10.6	0.0
37.5°	120.4	92.6	67.3	46.2	27.2	10.9	0.0
35°	126.1	97.1	70.6	48.2	28.4	11.3	0.0
32.5°	131.4	101.5	73.7	50.0	29.5	11.6	0.0
30°	136.2	105.7	76.7	51.7	30.6	12.0	0.0
27.5°	140.8	109.6	79.5	53.3	31.5	12.2	0.0
25°	144.9	113.2	82.1	54.8	32.4	12.5	0.0
22.5°	148.8	116.5	84.5	56.1	33.2	12.7	0.0
20°	152.2	119.5	86.7	57.3	33.9	13.0	0.0
17.5°	155.2	122.1	88.7	58.4	34.6	13.2	0.0
15°	157.8	124.4	90.5	59.3	35.1	13.3	0.0
12.5°	160.0	126.3	92.1	60.1	35.6	13.5	0.0
10°	161.8	127.9	93.4	60.7	36.0	13.6	0.0
7.5°	163.2	129.1	94.5	61.2	36.3	13.7	0.0
5°	164.2	129.9	95.4	61.6	36.5	13.7	0.0
2.5°	164.8	130.4	96.0	61.8	36.7	13.8	0.0
0°	165.0	130.6	96.3	61.9	36.7	13.8	0.0
-2.5°	164.8	130.4	96.0	61.8	36.7	13.8	0.0
-5°	164.2	129.9	95.4	61.6	36.5	13.7	0.0
-7.5°	163.2	129.1	94.5	61.2	36.3	13.7	0.0
-10°	161.8	127.9	93.4	60.7	36.0	13.6	0.0
-12.5°	160.0	126.3	92.1	60.1	35.6	13.5	0.0
-15°	157.8	124.4	90.5	59.3	35.1	13.3	0.0
-17.5°	155.2	122.1	88.7	58.4	34.6	13.2	0.0
-20°	152.2	119.5	86.7	57.3	33.9	13.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	148.8	116.5	84.5	56.1	33.2	12.7	0.0
-25°	144.9	113.2	82.1	54.8	32.4	12.5	0.0
-27.5°	140.8	109.6	79.5	53.3	31.5	12.2	0.0
-30°	136.2	105.7	76.7	51.7	30.6	12.0	0.0
-32.5°	131.4	101.5	73.7	50.0	29.5	11.6	0.0
-35°	126.1	97.1	70.6	48.2	28.4	11.3	0.0
-37.5°	120.4	92.6	67.3	46.2	27.2	10.9	0.0
-40°	114.4	88.1	63.8	44.1	26.0	10.6	0.0
-42.5°	108.2	83.5	60.4	42.0	24.6	10.2	0.0
-45°	101.7	78.6	57.3	39.6	23.3	9.8	0.0
-47.5°	95.0	73.6	54.0	37.2	21.8	9.3	0.0
-50°	88.6	68.3	50.6	34.8	20.3	8.9	0.0
-52.5°	82.0	62.8	47.1	32.5	18.8	8.4	0.0
-55°	75.2	58.0	43.4	30.0	17.1	7.9	0.0
-57.5°	68.2	53.2	39.6	27.6	15.5	7.4	0.0
-60°	61.2	48.2	35.7	25.0	13.8	6.9	0.0
-62.5°	55.0	43.1	32.3	22.4	12.7	6.4	0.0
-65°	48.6	37.9	28.8	19.8	11.7	5.8	0.0
-67.5°	42.1	33.1	25.3	17.1	10.6	5.3	0.0
-70°	35.5	28.7	21.7	14.3	9.4	4.7	0.0
-72.5°	30.1	24.3	18.1	12.4	8.3	4.1	0.0
-75°	24.9	19.9	14.5	10.7	7.1	3.6	0.0
-77.5°	19.7	15.4	11.9	8.9	6.0	3.0	0.0
-80°	14.4	11.9	9.5	7.2	4.8	2.4	0.0
-82.5°	10.7	8.9	7.2	5.4	3.6	1.8	0.0
-85°	7.1	6.0	4.8	3.6	2.4	1.2	0.0
-87.5°	3.6	3.0	2.4	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)