

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: P558871 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-940-U-NR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558871 (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-SA3E-940-U-NR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3  
Light Source: (48) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

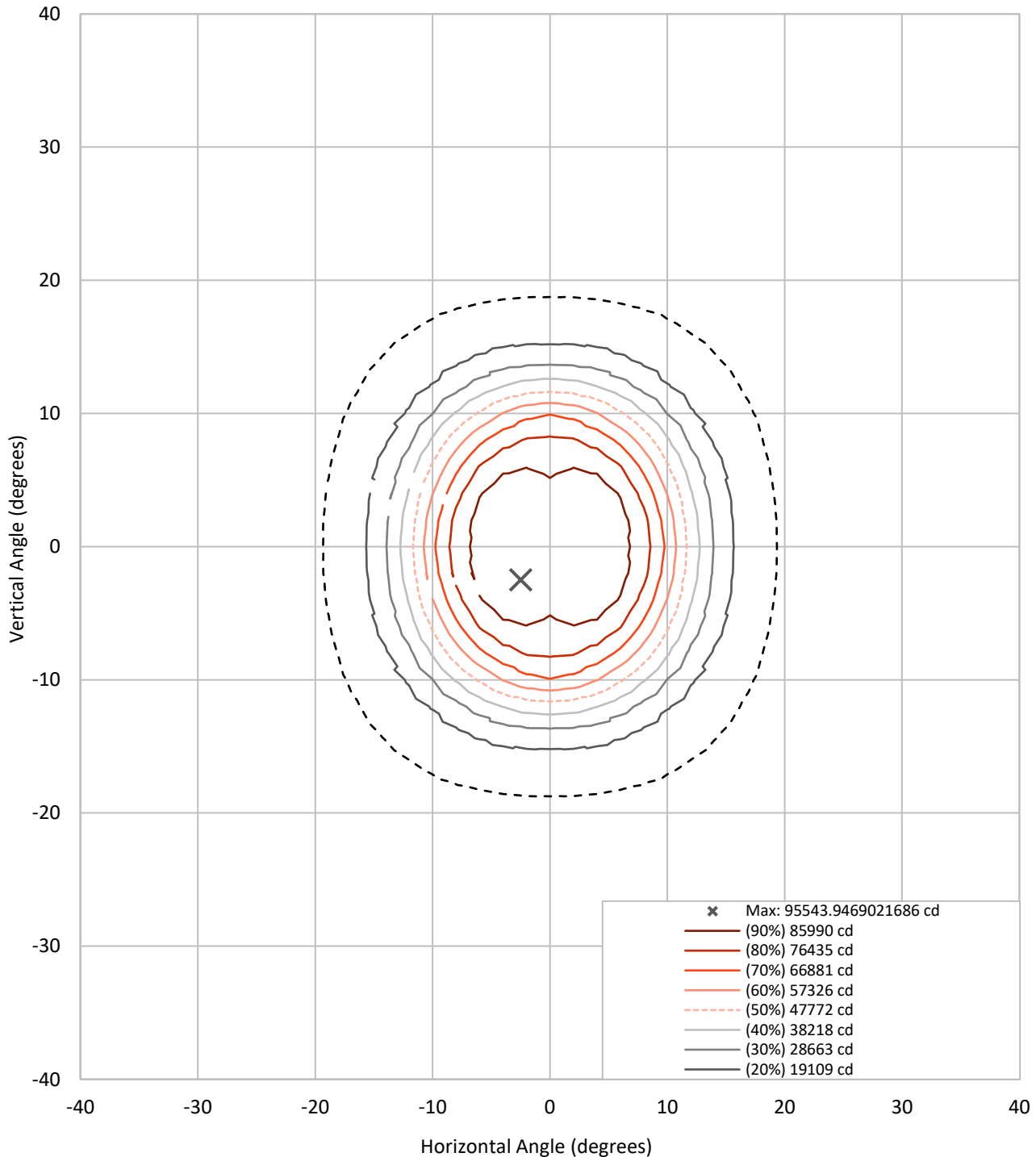
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	18067.2 lumens	Max Intensity:	95543.9 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	99.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	9753.9 lumens	Field Lumens:	14709.4 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 182  
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





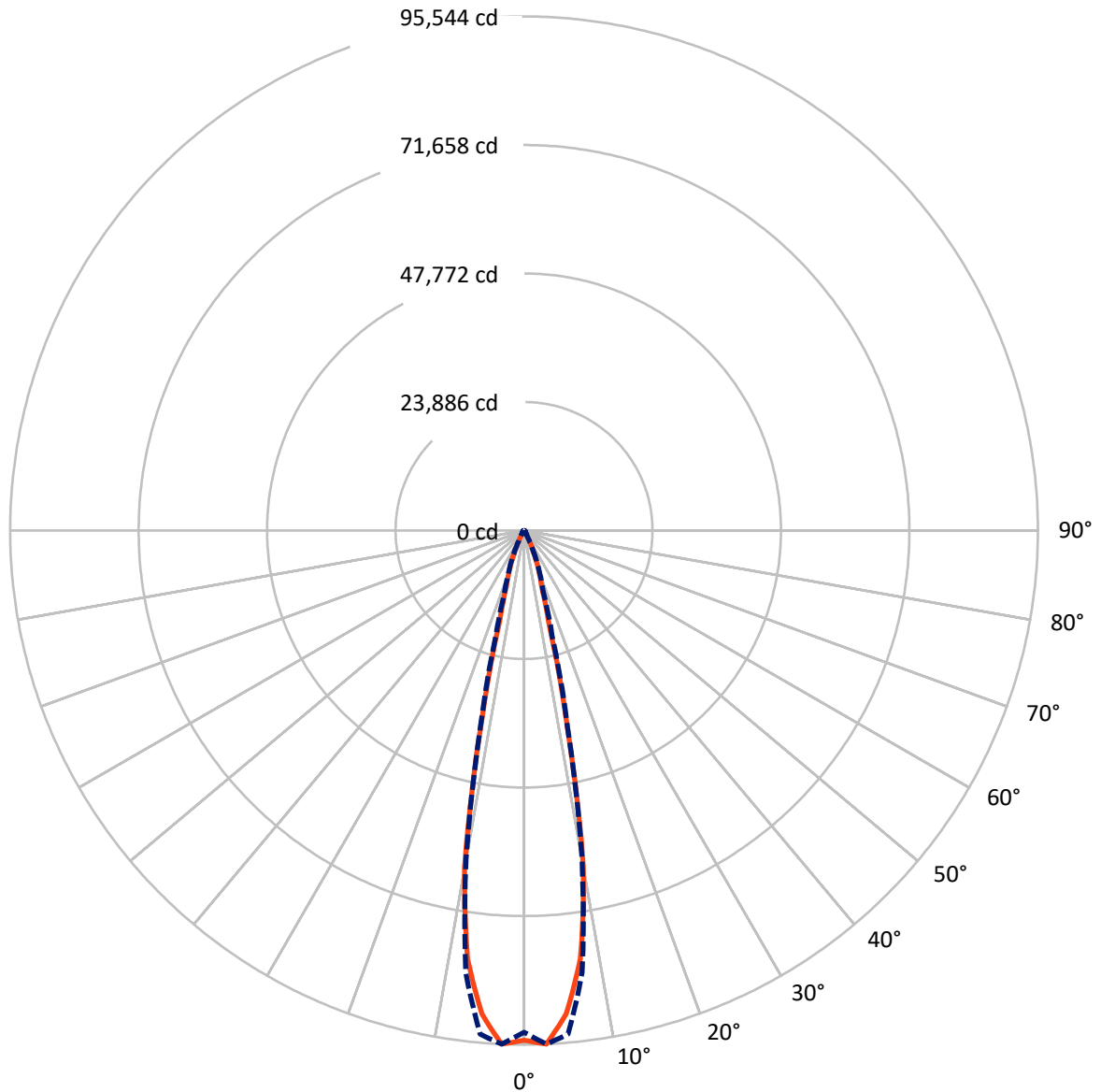
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### Lumen Table

90	0.2	1.8	4.9	7.8	9.0	7.8	4.9	1.8	0.2							
80	0.2	1.8	4.9	7.8	9.0	7.8	4.9	1.8	0.2							
70	0.8	0.9	2.0	3.2	4.4	5.4	6.2	6.5	6.5	6.2	5.4	4.4	3.2	2.0	0.9	0.8
60		1.4	2.9	4.5	6.0	7.1	7.9	8.2	8.2	7.9	7.1	6.0	4.5	2.9	1.4	
50	1.5	1.9	3.6	5.4	7.0	8.5	9.8	10.4	10.4	9.8	8.5	7.0	5.4	3.6	1.9	1.5
40		2.3	4.2	6.1	8.2	11.2	14.8	17.7	17.7	14.8	11.2	8.2	6.1	4.2	2.3	
30	2.0	2.5	4.6	6.7	10.2	18.5	55.5	108.1	108.1	55.5	18.5	10.2	6.7	4.6	2.5	2.0
20		2.7	4.8	7.2	12.8	54.8	253.0	650.4	650.4	253.0	54.8	12.8	7.2	4.8	2.7	
10	2.2	2.8	4.8	7.5	15.3	106.8	658.7	2327.0	2327.0	658.7	106.8	15.3	7.5	4.8	2.8	2.2
0		2.8	4.8	7.5	15.3	106.8	658.7	2327.0	2327.0	658.7	106.8	15.3	7.5	4.8	2.8	
-10	2.0	2.7	4.8	7.2	12.8	54.8	253.0	650.4	650.4	253.0	54.8	12.8	7.2	4.8	2.7	2.0
-20		2.5	4.6	6.7	10.2	18.5	55.5	108.1	108.1	55.5	18.5	10.2	6.7	4.6	2.5	
-30	1.5	2.3	4.2	6.1	8.2	11.2	14.8	17.7	17.7	14.8	11.2	8.2	6.1	4.2	2.3	1.5
-40		1.9	3.6	5.4	7.0	8.5	9.8	10.4	10.4	9.8	8.5	7.0	5.4	3.6	1.9	
-50	0.8	1.4	2.9	4.5	6.0	7.1	7.9	8.2	8.2	7.9	7.1	6.0	4.5	2.9	1.4	0.8
-60		0.9	2.0	3.2	4.4	5.4	6.2	6.5	6.5	6.2	5.4	4.4	3.2	2.0	0.9	
-70	0.2	1.8	4.9	7.8	9.0	7.8	4.9	1.8	0.2							
-80		0.2	1.8	4.9	7.8	9.0	7.8	4.9	1.8	0.2						
-90	0.2	1.8	4.9	7.8	9.0	7.8	4.9	1.8	0.2							

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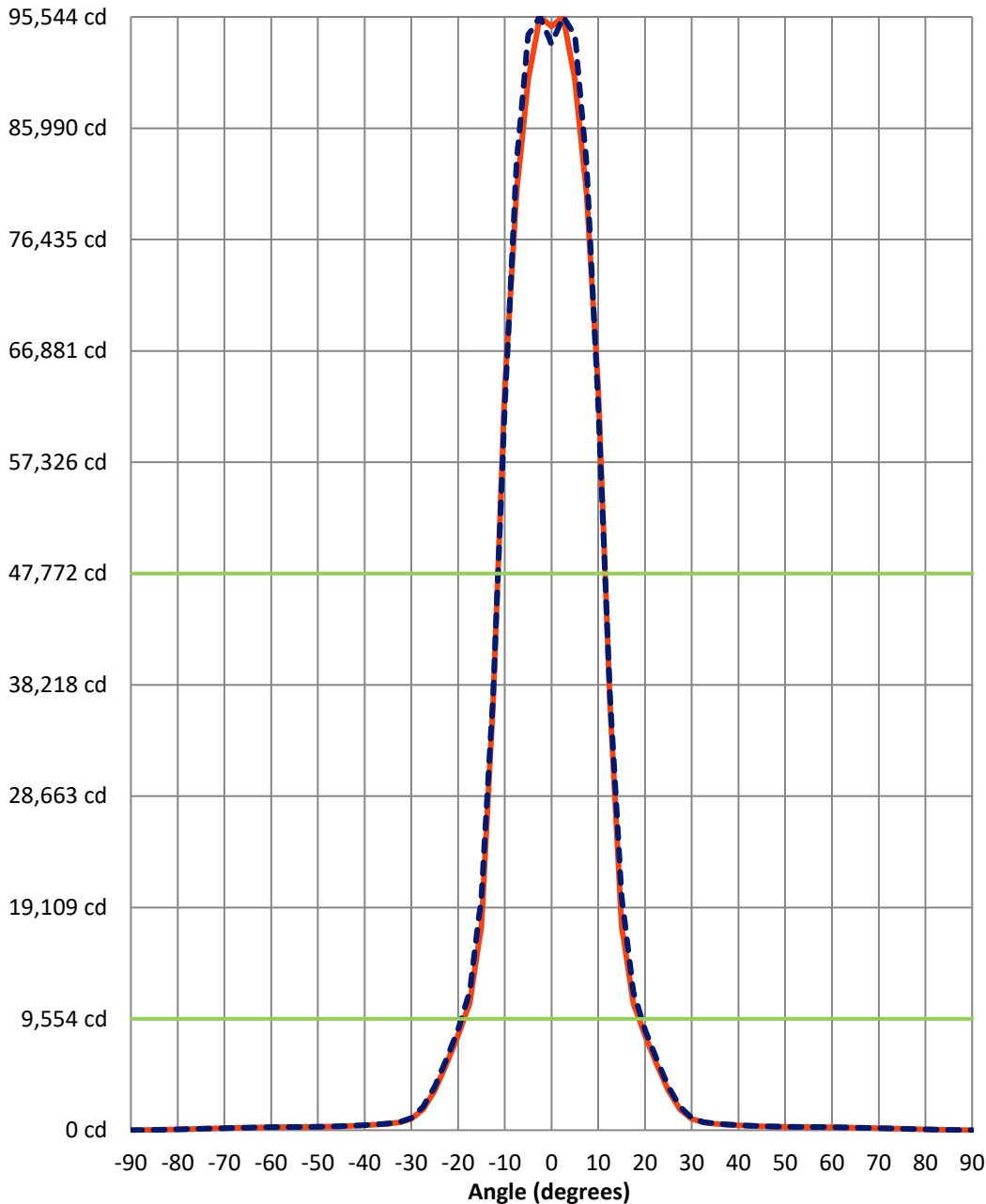
### Luminous Intensity Polar Plot



— 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: 9753.9  
 Efficiency: 54.0%

**Field:**  
 H Angle: 38.6°  
 V Angle: 37.5°  
 Lumens: 14709.4  
 Efficiency: 81.4%

**Spill:**  
 Lumens: 3357.8  
 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	0.4	0.9	1.3	1.8	2.2	2.6	3.0	3.5	3.9	4.3
85°	0.0	0.9	1.8	2.6	3.5	4.4	5.2	6.1	6.9	7.7	8.5
82.5°	0.0	1.3	2.6	3.9	5.2	6.5	7.8	9.1	10.5	12.5	14.6
80°	0.0	1.8	3.5	5.2	7.0	8.7	10.6	13.2	15.9	18.7	21.6
77.5°	0.0	2.2	4.4	6.5	8.7	11.3	14.4	17.8	21.3	24.9	28.8
75°	0.0	2.6	5.2	7.8	10.6	14.6	18.3	22.3	26.7	31.7	36.5
72.5°	0.0	3.0	6.1	9.1	13.3	17.8	22.1	27.1	33.1	38.8	44.1
70°	0.0	3.5	6.9	10.5	15.9	21.1	26.1	32.8	39.5	45.8	53.3
67.5°	0.0	3.9	7.7	12.5	18.6	24.3	31.0	38.4	45.8	54.3	62.7
65°	0.0	4.3	8.5	14.5	21.2	27.9	35.8	44.0	53.3	62.7	72.2
62.5°	0.0	4.7	9.3	16.5	23.7	31.7	40.5	50.2	60.6	71.1	82.0
60°	0.0	5.0	10.1	18.4	26.2	35.5	45.1	56.5	67.8	79.7	91.6
57.5°	0.0	5.4	11.3	20.2	29.1	39.2	50.3	62.6	75.3	88.2	100.9
55°	0.0	5.8	12.6	22.1	31.9	42.7	55.4	68.7	82.6	96.4	110.1
52.5°	0.0	6.1	13.8	23.9	34.7	46.3	60.4	74.9	89.7	104.5	119.1
50°	0.0	6.5	14.9	25.6	37.3	50.3	65.3	81.0	96.6	112.3	128.0
47.5°	0.0	6.8	16.0	27.3	39.8	54.2	70.0	86.9	103.3	119.8	136.7
45°	0.0	7.1	17.1	29.2	42.2	58.0	75.0	92.7	109.9	127.5	145.3
42.5°	0.0	7.4	18.1	30.9	44.5	61.5	79.7	98.2	116.2	134.9	152.9
40°	0.0	7.7	19.1	32.5	47.0	65.0	84.3	103.5	122.3	142.1	160.0
37.5°	0.0	8.0	20.0	34.0	49.6	68.2	88.7	108.5	128.3	148.7	166.8
35°	0.0	8.3	20.9	35.5	52.0	71.6	92.9	113.3	134.0	154.3	173.3
32.5°	0.0	8.5	21.7	36.8	54.3	74.8	96.9	117.8	139.3	159.6	179.5
30°	0.0	8.7	22.5	38.1	56.5	77.9	100.5	122.0	144.2	164.6	185.2
27.5°	0.0	9.0	23.2	39.3	58.6	80.8	103.8	126.0	148.5	169.2	190.3
25°	0.0	9.2	23.8	40.3	60.5	83.4	106.9	129.7	152.3	173.5	194.9
22.5°	0.0	9.3	24.4	41.3	62.3	85.9	109.7	133.0	155.7	177.3	199.0
20°	0.0	9.5	25.0	42.2	63.9	88.1	112.3	135.9	158.8	180.6	202.5
17.5°	0.0	9.6	25.4	43.0	65.4	90.1	114.5	138.5	161.6	183.5	205.7
15°	0.0	9.8	25.8	43.7	66.7	91.7	116.4	140.8	164.0	185.9	208.4
12.5°	0.0	9.9	26.2	44.3	67.9	93.1	118.0	142.7	166.0	187.8	210.6
10°	0.0	9.9	26.5	44.7	68.9	94.3	119.3	144.2	167.7	189.8	212.4
7.5°	0.0	10.0	26.7	45.1	69.7	95.2	120.4	145.4	169.0	191.5	213.7
5°	0.0	10.1	26.9	45.4	70.3	95.8	121.1	146.3	169.9	192.8	214.5
2.5°	0.0	10.1	27.0	45.5	70.8	96.2	121.6	146.8	170.5	193.8	214.8
0°	0.0	10.1	27.0	45.6	71.0	96.3	121.7	147.0	170.7	194.3	214.6
-2.5°	0.0	10.1	27.0	45.6	71.0	96.3	121.7	147.0	170.7	194.3	214.6
-5°	0.0	10.1	26.9	45.4	70.3	95.8	121.1	146.3	169.9	192.8	214.5
-7.5°	0.0	10.0	26.7	45.1	69.7	95.2	120.4	145.4	169.0	191.5	213.7
-10°	0.0	9.9	26.5	44.7	68.9	94.3	119.3	144.2	167.7	189.8	212.4
-12.5°	0.0	9.9	26.2	44.3	67.9	93.1	118.0	142.7	166.0	187.8	210.6
-15°	0.0	9.8	25.8	43.7	66.7	91.7	116.4	140.8	164.0	185.9	208.4
-17.5°	0.0	9.6	25.4	43.0	65.4	90.1	114.5	138.5	161.6	183.5	205.7
-20°	0.0	9.5	25.0	42.2	63.9	88.1	112.3	135.9	158.8	180.6	202.5



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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	9.3	24.4	41.3	62.3	85.9	109.7	133.0	155.7	177.3	199.0
-25°	0.0	9.2	23.8	40.3	60.5	83.4	106.9	129.7	152.3	173.5	194.9
-27.5°	0.0	9.0	23.2	39.3	58.6	80.8	103.8	126.0	148.5	169.2	190.3
-30°	0.0	8.7	22.5	38.1	56.5	77.9	100.5	122.0	144.2	164.6	185.2
-32.5°	0.0	8.5	21.7	36.8	54.3	74.8	96.9	117.8	139.3	159.6	179.5
-35°	0.0	8.3	20.9	35.5	52.0	71.6	92.9	113.3	134.0	154.3	173.3
-37.5°	0.0	8.0	20.0	34.0	49.6	68.2	88.7	108.5	128.3	148.7	166.8
-40°	0.0	7.7	19.1	32.5	47.0	65.0	84.3	103.5	122.3	142.1	160.0
-42.5°	0.0	7.4	18.1	30.9	44.5	61.5	79.7	98.2	116.2	134.9	152.9
-45°	0.0	7.1	17.1	29.2	42.2	58.0	75.0	92.7	109.9	127.5	145.3
-47.5°	0.0	6.8	16.0	27.3	39.8	54.2	70.0	86.9	103.3	119.8	136.7
-50°	0.0	6.5	14.9	25.6	37.3	50.3	65.3	81.0	96.6	112.3	128.0
-52.5°	0.0	6.1	13.8	23.9	34.7	46.3	60.4	74.9	89.7	104.5	119.1
-55°	0.0	5.8	12.6	22.1	31.9	42.7	55.4	68.7	82.6	96.4	110.1
-57.5°	0.0	5.4	11.3	20.2	29.1	39.2	50.3	62.6	75.3	88.2	100.9
-60°	0.0	5.0	10.1	18.4	26.2	35.5	45.1	56.5	67.8	79.7	91.6
-62.5°	0.0	4.7	9.3	16.5	23.7	31.7	40.5	50.2	60.6	71.1	82.0
-65°	0.0	4.3	8.5	14.5	21.2	27.9	35.8	44.0	53.3	62.7	72.2
-67.5°	0.0	3.9	7.7	12.5	18.6	24.3	31.0	38.4	45.8	54.3	62.7
-70°	0.0	3.5	6.9	10.5	15.9	21.1	26.1	32.8	39.5	45.8	53.3
-72.5°	0.0	3.0	6.1	9.1	13.3	17.8	22.1	27.1	33.1	38.8	44.1
-75°	0.0	2.6	5.2	7.8	10.6	14.6	18.3	22.3	26.7	31.7	36.5
-77.5°	0.0	2.2	4.4	6.5	8.7	11.3	14.4	17.8	21.3	24.9	28.8
-80°	0.0	1.8	3.5	5.2	7.0	8.7	10.6	13.2	15.9	18.7	21.6
-82.5°	0.0	1.3	2.6	3.9	5.2	6.5	7.8	9.1	10.5	12.5	14.6
-85°	0.0	0.9	1.8	2.6	3.5	4.4	5.2	6.1	6.9	7.7	8.5
-87.5°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.0	3.5	3.9	4.3
-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°	4.7	5.0	5.4	5.8	6.1	6.5	6.8	7.1	7.4	7.7	8.0
85°	9.3	10.1	11.3	12.3	13.3	14.2	15.0	15.7	16.7	17.7	18.8
82.5°	16.4	18.1	19.6	21.0	22.3	23.5	24.6	26.3	28.5	30.5	32.2
80°	24.0	26.1	28.6	31.2	33.8	36.4	39.1	41.7	44.0	46.2	48.6
77.5°	32.2	35.6	39.1	42.6	46.3	50.3	54.2	58.0	61.4	64.8	68.2
75°	40.8	45.1	50.3	55.4	60.4	65.3	70.0	74.9	79.4	83.8	88.0
72.5°	50.2	56.5	62.6	68.7	75.2	81.4	87.2	92.5	98.1	103.8	109.1
70°	60.6	67.8	75.5	83.3	91.0	97.9	104.7	111.8	118.8	124.8	130.0
67.5°	71.1	80.0	88.9	97.8	106.2	114.2	122.4	130.2	137.4	143.6	149.6
65°	82.0	91.9	101.8	111.4	120.7	130.2	139.2	147.5	155.4	162.4	169.1
62.5°	92.7	103.6	114.3	125.0	135.8	146.2	155.6	164.5	173.1	180.7	187.9
60°	103.2	115.0	126.7	138.6	150.5	161.4	171.5	180.8	189.5	197.9	205.4
57.5°	113.5	126.1	139.0	151.8	164.2	176.0	186.2	196.1	205.1	213.6	221.4
55°	123.7	136.9	150.7	164.3	177.3	189.4	200.3	210.3	219.8	227.6	235.1
52.5°	133.6	147.6	162.1	176.2	189.4	202.0	213.4	223.4	232.1	240.1	246.7
50°	143.4	158.1	173.0	187.2	200.9	213.7	225.2	234.8	243.1	250.5	256.6
47.5°	152.7	168.1	182.9	197.7	211.5	224.2	235.6	244.6	252.7	259.3	265.1
45°	161.4	177.5	192.8	207.3	221.4	234.0	244.4	253.5	260.9	267.5	273.4
42.5°	169.8	186.5	202.1	216.5	230.4	242.5	252.7	261.2	268.8	275.3	281.7
40°	177.8	195.3	211.0	225.3	238.8	250.2	259.8	268.5	275.9	283.3	290.3
37.5°	185.5	203.3	219.5	234.0	245.9	257.1	266.5	275.1	283.5	291.7	301.1
35°	193.0	211.0	227.4	241.6	253.3	263.1	272.7	282.1	291.9	302.1	313.1
32.5°	199.9	218.4	235.0	248.1	259.0	268.8	278.9	290.1	301.7	313.4	326.8
30°	206.0	225.1	241.8	254.1	264.2	273.9	285.8	298.7	312.2	325.6	341.3
27.5°	211.4	231.4	246.9	258.8	268.7	278.1	291.3	308.0	322.7	337.0	354.3
25°	216.3	236.4	251.6	262.8	272.1	282.2	295.9	313.1	331.6	347.2	371.3
22.5°	220.6	240.9	256.0	266.3	274.7	285.7	299.6	316.5	335.5	355.2	388.6
20°	224.3	244.3	259.7	269.3	276.7	288.2	301.6	318.9	340.0	368.4	405.4
17.5°	227.6	247.6	262.4	271.3	279.2	290.0	302.3	320.3	344.8	380.3	420.9
15°	230.3	250.9	264.7	273.0	281.2	291.8	305.1	323.9	352.1	391.3	435.0
12.5°	232.6	254.0	266.7	274.3	282.4	293.1	308.1	329.5	360.9	402.3	450.7
10°	234.4	256.9	268.2	275.4	283.1	293.9	310.7	334.0	368.1	412.5	464.5
7.5°	236.0	259.2	269.4	276.2	283.2	294.4	312.8	337.2	373.4	420.9	476.2
5°	237.3	260.7	270.5	276.7	283.1	294.6	314.4	339.2	376.7	427.2	484.9
2.5°	238.0	261.6	271.4	277.0	282.8	294.5	315.6	342.5	380.8	431.9	490.1
0°	238.3	261.9	272.1	277.1	282.2	294.0	316.0	344.7	383.6	434.3	491.8
-2.5°	238.0	261.6	271.4	277.0	282.8	294.5	315.6	342.5	380.8	431.9	490.1
-5°	237.3	260.7	270.5	276.7	283.1	294.6	314.4	339.2	376.7	427.2	484.9
-7.5°	236.0	259.2	269.4	276.2	283.2	294.4	312.8	337.2	373.4	420.9	476.2
-10°	234.4	256.9	268.2	275.4	283.1	293.9	310.7	334.0	368.1	412.5	464.5
-12.5°	232.6	254.0	266.7	274.3	282.4	293.1	308.1	329.5	360.9	402.3	450.7
-15°	230.3	250.9	264.7	273.0	281.2	291.8	305.1	323.9	352.1	391.3	435.0
-17.5°	227.6	247.6	262.4	271.3	279.2	290.0	302.3	320.3	344.8	380.3	420.9
-20°	224.3	244.3	259.7	269.3	276.7	288.2	301.6	318.9	340.0	368.4	405.4



REPORT NUMBER: P558871 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-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°	220.6	240.9	256.0	266.3	274.7	285.7	299.6	316.5	335.5	355.2	388.6
-25°	216.3	236.4	251.6	262.8	272.1	282.2	295.9	313.1	331.6	347.2	371.3
-27.5°	211.4	231.4	246.9	258.8	268.7	278.1	291.3	308.0	322.7	337.0	354.3
-30°	206.0	225.1	241.8	254.1	264.2	273.9	285.8	298.7	312.2	325.6	341.3
-32.5°	199.9	218.4	235.0	248.1	259.0	268.8	278.9	290.1	301.7	313.4	326.8
-35°	193.0	211.0	227.4	241.6	253.3	263.1	272.7	282.1	291.9	302.1	313.1
-37.5°	185.5	203.3	219.5	234.0	245.9	257.1	266.5	275.1	283.5	291.7	301.1
-40°	177.8	195.3	211.0	225.3	238.8	250.2	259.8	268.5	275.9	283.3	290.3
-42.5°	169.8	186.5	202.1	216.5	230.4	242.5	252.7	261.2	268.8	275.3	281.7
-45°	161.4	177.5	192.8	207.3	221.4	234.0	244.4	253.5	260.9	267.5	273.4
-47.5°	152.7	168.1	182.9	197.7	211.5	224.2	235.6	244.6	252.7	259.3	265.1
-50°	143.4	158.1	173.0	187.2	200.9	213.7	225.2	234.8	243.1	250.5	256.6
-52.5°	133.6	147.6	162.1	176.2	189.4	202.0	213.4	223.4	232.1	240.1	246.7
-55°	123.7	136.9	150.7	164.3	177.3	189.4	200.3	210.3	219.8	227.6	235.1
-57.5°	113.5	126.1	139.0	151.8	164.2	176.0	186.2	196.1	205.1	213.6	221.4
-60°	103.2	115.0	126.7	138.6	150.5	161.4	171.5	180.8	189.5	197.9	205.4
-62.5°	92.7	103.6	114.3	125.0	135.8	146.2	155.6	164.5	173.1	180.7	187.9
-65°	82.0	91.9	101.8	111.4	120.7	130.2	139.2	147.5	155.4	162.4	169.1
-67.5°	71.1	80.0	88.9	97.8	106.2	114.2	122.4	130.2	137.4	143.6	149.6
-70°	60.6	67.8	75.5	83.3	91.0	97.9	104.7	111.8	118.8	124.8	130.0
-72.5°	50.2	56.5	62.6	68.7	75.2	81.4	87.2	92.5	98.1	103.8	109.1
-75°	40.8	45.1	50.3	55.4	60.4	65.3	70.0	74.9	79.4	83.8	88.0
-77.5°	32.2	35.6	39.1	42.6	46.3	50.3	54.2	58.0	61.4	64.8	68.2
-80°	24.0	26.1	28.6	31.2	33.8	36.4	39.1	41.7	44.0	46.2	48.6
-82.5°	16.4	18.1	19.6	21.0	22.3	23.5	24.6	26.3	28.5	30.5	32.2
-85°	9.3	10.1	11.3	12.3	13.3	14.2	15.0	15.7	16.7	17.7	18.8
-87.5°	4.7	5.0	5.4	5.8	6.1	6.5	6.8	7.1	7.4	7.7	8.0
-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: P558871 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-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°	8.3	8.2	8.0	7.8	7.6	8.1	8.7	9.2	9.8	9.9	9.9
85°	19.8	20.4	21.0	21.6	22.1	22.8	23.4	23.8	24.3	25.0	25.7
82.5°	33.8	35.1	36.4	37.6	38.6	39.9	41.2	42.4	43.5	44.2	44.7
80°	50.8	53.1	55.2	57.1	58.7	60.7	62.6	64.4	66.0	67.0	67.8
77.5°	71.4	74.3	76.9	79.4	81.8	84.1	86.0	87.6	88.9	90.4	91.8
75°	92.0	95.8	99.4	102.6	105.5	108.0	110.3	112.5	114.4	116.1	117.5
72.5°	113.8	118.2	122.0	125.6	128.9	132.2	135.3	138.0	140.4	142.4	144.0
70°	134.8	139.5	144.2	148.6	152.7	156.4	159.7	162.6	165.2	167.4	169.2
67.5°	155.2	160.5	165.8	170.8	175.2	179.1	182.8	186.3	189.4	191.8	193.4
65°	175.4	181.3	187.0	192.1	196.6	200.6	204.9	208.5	211.6	213.9	215.5
62.5°	195.0	201.4	206.9	212.2	217.3	221.6	225.2	228.5	231.6	234.1	235.7
60°	212.5	219.2	224.6	229.6	234.2	238.4	241.9	245.4	248.7	251.7	253.9
57.5°	228.0	234.2	239.7	244.2	248.3	252.1	255.5	258.4	260.7	262.5	264.0
55°	241.5	247.0	252.2	256.5	260.2	263.2	265.8	267.8	269.4	270.6	271.5
52.5°	253.0	258.1	263.2	267.4	270.2	272.8	275.0	277.5	278.9	279.1	278.9
50°	262.2	267.6	272.2	276.0	279.8	284.1	288.6	290.7	291.6	291.0	290.3
47.5°	270.6	275.9	280.9	285.7	291.3	298.4	305.6	309.0	308.7	307.2	306.5
45°	279.0	284.8	290.7	298.0	305.7	314.9	323.3	328.6	328.7	328.9	330.1
42.5°	287.7	294.9	302.9	312.8	322.9	333.3	342.3	348.9	353.8	359.8	364.8
40°	298.4	306.4	318.4	330.7	343.9	354.9	368.9	380.8	390.7	399.6	406.4
37.5°	310.9	322.4	337.7	353.5	370.6	387.8	404.0	419.2	432.2	447.0	458.0
35°	325.9	342.4	361.0	380.7	401.9	423.7	444.7	468.9	490.2	509.2	524.8
32.5°	343.5	363.4	386.1	412.3	438.8	467.7	497.8	528.9	558.9	590.2	621.4
30°	361.2	387.3	416.3	448.1	479.4	517.0	556.3	607.2	660.6	721.4	815.0
27.5°	382.6	413.9	447.6	484.3	527.2	575.4	651.0	745.1	905.7	1025.7	1348.1
25°	403.7	439.4	482.7	530.3	587.9	676.0	856.7	1065.8	1531.5	1967.5	2471.2
22.5°	425.0	469.5	521.4	579.4	679.6	906.4	1250.6	1881.1	2600.5	3364.1	4141.8
20°	446.5	498.8	564.0	660.8	870.5	1258.5	2031.3	3044.4	4066.6	5315.3	6395.2
17.5°	470.7	535.6	620.7	766.3	1112.0	1943.2	3086.2	4492.0	6073.8	7679.2	9027.1
15°	490.7	566.7	680.7	965.3	1617.8	2720.6	4216.4	6122.1	8278.9	10308.4	12039.5
12.5°	512.7	601.2	751.2	1126.8	2084.5	3534.4	5505.8	7850.8	10438.2	13219.1	17622.2
10°	533.1	636.0	869.3	1462.0	2622.6	4356.8	6660.4	9302.6	12440.6	18008.4	28416.6
7.5°	550.3	663.5	958.1	1711.8	3109.5	5132.6	7601.6	10544.0	15261.9	24616.1	42130.7
5°	561.9	681.8	1019.9	1898.8	3497.4	5704.9	8203.4	11361.6	18140.3	32693.2	53782.4
2.5°	570.1	691.6	1052.9	2007.8	3742.8	6083.8	8629.7	11911.6	20072.7	37365.2	62073.9
0°	576.3	694.6	1059.6	2102.3	3826.0	6212.2	8650.7	12059.3	20735.4	39189.3	65028.3
-2.5°	570.1	691.6	1052.9	2007.8	3742.8	6083.8	8629.7	11911.6	20072.7	37365.2	62073.9
-5°	561.9	681.8	1019.9	1898.8	3497.4	5704.9	8203.4	11361.6	18140.3	32693.2	53782.4
-7.5°	550.3	663.5	958.1	1711.8	3109.5	5132.6	7601.6	10544.0	15261.9	24616.1	42130.7
-10°	533.1	636.0	869.3	1462.0	2622.6	4356.8	6660.4	9302.6	12440.6	18008.4	28416.6
-12.5°	512.7	601.2	751.2	1126.8	2084.5	3534.4	5505.8	7850.8	10438.2	13219.1	17622.2
-15°	490.7	566.7	680.7	965.3	1617.8	2720.6	4216.4	6122.1	8278.9	10308.4	12039.5
-17.5°	470.7	535.6	620.7	766.3	1112.0	1943.2	3086.2	4492.0	6073.8	7679.2	9027.1
-20°	446.5	498.8	564.0	660.8	870.5	1258.5	2031.3	3044.4	4066.6	5315.3	6395.2



REPORT NUMBER: P558871 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-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°	425.0	469.5	521.4	579.4	679.6	906.4	1250.6	1881.1	2600.5	3364.1	4141.8
-25°	403.7	439.4	482.7	530.3	587.9	676.0	856.7	1065.8	1531.5	1967.5	2471.2
-27.5°	382.6	413.9	447.6	484.3	527.2	575.4	651.0	745.1	905.7	1025.7	1348.1
-30°	361.2	387.3	416.3	448.1	479.4	517.0	556.3	607.2	660.6	721.4	815.0
-32.5°	343.5	363.4	386.1	412.3	438.8	467.7	497.8	528.9	558.9	590.2	621.4
-35°	325.9	342.4	361.0	380.7	401.9	423.7	444.7	468.9	490.2	509.2	524.8
-37.5°	310.9	322.4	337.7	353.5	370.6	387.8	404.0	419.2	432.2	447.0	458.0
-40°	298.4	306.4	318.4	330.7	343.9	354.9	368.9	380.8	390.7	399.6	406.4
-42.5°	287.7	294.9	302.9	312.8	322.9	333.3	342.3	348.9	353.8	359.8	364.8
-45°	279.0	284.8	290.7	298.0	305.7	314.9	323.3	328.6	328.7	328.9	330.1
-47.5°	270.6	275.9	280.9	285.7	291.3	298.4	305.6	309.0	308.7	307.2	306.5
-50°	262.2	267.6	272.2	276.0	279.8	284.1	288.6	290.7	291.6	291.0	290.3
-52.5°	253.0	258.1	263.2	267.4	270.2	272.8	275.0	277.5	278.9	279.1	278.9
-55°	241.5	247.0	252.2	256.5	260.2	263.2	265.8	267.8	269.4	270.6	271.5
-57.5°	228.0	234.2	239.7	244.2	248.3	252.1	255.5	258.4	260.7	262.5	264.0
-60°	212.5	219.2	224.6	229.6	234.2	238.4	241.9	245.4	248.7	251.7	253.9
-62.5°	195.0	201.4	206.9	212.2	217.3	221.6	225.2	228.5	231.6	234.1	235.7
-65°	175.4	181.3	187.0	192.1	196.6	200.6	204.9	208.5	211.6	213.9	215.5
-67.5°	155.2	160.5	165.8	170.8	175.2	179.1	182.8	186.3	189.4	191.8	193.4
-70°	134.8	139.5	144.2	148.6	152.7	156.4	159.7	162.6	165.2	167.4	169.2
-72.5°	113.8	118.2	122.0	125.6	128.9	132.2	135.3	138.0	140.4	142.4	144.0
-75°	92.0	95.8	99.4	102.6	105.5	108.0	110.3	112.5	114.4	116.1	117.5
-77.5°	71.4	74.3	76.9	79.4	81.8	84.1	86.0	87.6	88.9	90.4	91.8
-80°	50.8	53.1	55.2	57.1	58.7	60.7	62.6	64.4	66.0	67.0	67.8
-82.5°	33.8	35.1	36.4	37.6	38.6	39.9	41.2	42.4	43.5	44.2	44.7
-85°	19.8	20.4	21.0	21.6	22.1	22.8	23.4	23.8	24.3	25.0	25.7
-87.5°	8.3	8.2	8.0	7.8	7.6	8.1	8.7	9.2	9.8	9.9	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: P558871 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-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°	10.0	10.1	10.1	10.1	10.1	10.1	10.0	9.9	9.9	9.8	9.2
85°	26.3	26.9	26.1	25.3	26.1	26.9	26.3	25.7	25.0	24.3	23.8
82.5°	45.1	45.4	45.5	45.6	45.5	45.4	45.1	44.7	44.2	43.5	42.4
80°	68.5	68.9	70.0	71.0	70.0	68.9	68.5	67.8	67.0	66.0	64.4
77.5°	93.1	94.1	94.5	94.6	94.5	94.1	93.1	91.8	90.4	88.9	87.6
75°	118.6	119.4	121.5	123.4	121.5	119.4	118.6	117.5	116.1	114.4	112.5
72.5°	145.3	146.3	147.6	148.7	147.6	146.3	145.3	144.0	142.4	140.4	138.0
70°	170.6	171.6	172.2	172.4	172.2	171.6	170.6	169.2	167.4	165.2	162.6
67.5°	194.6	195.2	195.0	194.3	195.0	195.2	194.6	193.4	191.8	189.4	186.3
65°	216.5	217.2	217.0	216.3	217.0	217.2	216.5	215.5	213.9	211.6	208.5
62.5°	236.8	237.5	238.1	238.3	238.1	237.5	236.8	235.7	234.1	231.6	228.5
60°	255.8	257.5	258.3	258.6	258.3	257.5	255.8	253.9	251.7	248.7	245.4
57.5°	265.3	266.4	266.9	267.0	266.9	266.4	265.3	264.0	262.5	260.7	258.4
55°	271.9	272.0	271.4	270.4	271.4	272.0	271.9	271.5	270.6	269.4	267.8
52.5°	278.4	277.4	277.0	277.1	277.0	277.4	278.4	278.9	279.1	278.9	277.5
50°	289.4	287.8	287.1	287.3	287.1	287.8	289.4	290.3	291.0	291.6	290.7
47.5°	307.5	308.2	308.9	309.3	308.9	308.2	307.5	306.5	307.2	308.7	309.0
45°	333.5	335.9	337.4	338.0	337.4	335.9	333.5	330.1	328.9	328.7	328.6
42.5°	369.9	372.8	373.9	373.5	373.9	372.8	369.9	364.8	359.8	353.8	348.9
40°	413.6	419.3	422.5	422.5	422.5	419.3	413.6	406.4	399.6	390.7	380.8
37.5°	468.0	475.6	479.4	478.2	479.4	475.6	468.0	458.0	447.0	432.2	419.2
35°	536.6	544.2	547.3	550.9	547.3	544.2	536.6	524.8	509.2	490.2	468.9
32.5°	646.0	661.3	667.5	659.1	667.5	661.3	646.0	621.4	590.2	558.9	528.9
30°	878.2	934.3	971.8	990.3	971.8	934.3	878.2	815.0	721.4	660.6	607.2
27.5°	1569.9	1716.8	1779.0	1813.3	1779.0	1716.8	1569.9	1348.1	1025.7	905.7	745.1
25°	2902.5	3215.8	3396.2	3381.5	3396.2	3215.8	2902.5	2471.2	1967.5	1531.5	1065.8
22.5°	4864.4	5358.8	5655.3	5764.3	5655.3	5358.8	4864.4	4141.8	3364.1	2600.5	1881.1
20°	7296.5	7851.0	8140.9	8184.3	8140.9	7851.0	7296.5	6395.2	5315.3	4066.6	3044.4
17.5°	10087.9	10613.6	10919.1	10915.2	10919.1	10613.6	10087.9	9027.1	7679.2	6073.8	4492.0
15°	14397.3	16431.7	17578.9	17411.3	17578.9	16431.7	14397.3	12039.5	10308.4	8278.9	6122.1
12.5°	23591.1	31716.4	36756.6	38001.3	36756.6	31716.4	23591.1	17622.2	13219.1	10438.2	7850.8
10°	41688.5	53844.6	63552.7	66358.2	63552.7	53844.6	41688.5	28416.6	18008.4	12440.6	9302.6
7.5°	59966.2	74393.6	80331.1	81020.9	80331.1	74393.6	59966.2	42130.7	24616.1	15261.9	10544.0
5°	73762.2	88442.5	90141.8	85873.5	90141.8	88442.5	73762.2	53782.4	32693.2	18140.3	11361.6
2.5°	82868.8	93960.0	95543.9	93246.6	95543.9	93960.0	82868.8	62073.9	37365.2	20072.7	11911.6
0°	84945.7	92492.9	94743.0	94988.9	94743.0	92492.9	84945.7	65028.3	39189.3	20735.4	12059.3
-2.5°	82868.8	93960.0	95543.9	93246.6	95543.9	93960.0	82868.8	62073.9	37365.2	20072.7	11911.6
-5°	73762.2	88442.5	90141.8	85873.5	90141.8	88442.5	73762.2	53782.4	32693.2	18140.3	11361.6
-7.5°	59966.2	74393.6	80331.1	81020.9	80331.1	74393.6	59966.2	42130.7	24616.1	15261.9	10544.0
-10°	41688.5	53844.6	63552.7	66358.2	63552.7	53844.6	41688.5	28416.6	18008.4	12440.6	9302.6
-12.5°	23591.1	31716.4	36756.6	38001.3	36756.6	31716.4	23591.1	17622.2	13219.1	10438.2	7850.8
-15°	14397.3	16431.7	17578.9	17411.3	17578.9	16431.7	14397.3	12039.5	10308.4	8278.9	6122.1
-17.5°	10087.9	10613.6	10919.1	10915.2	10919.1	10613.6	10087.9	9027.1	7679.2	6073.8	4492.0
-20°	7296.5	7851.0	8140.9	8184.3	8140.9	7851.0	7296.5	6395.2	5315.3	4066.6	3044.4



REPORT NUMBER: P558871 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-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°	4864.4	5358.8	5655.3	5764.3	5655.3	5358.8	4864.4	4141.8	3364.1	2600.5	1881.1
-25°	2902.5	3215.8	3396.2	3381.5	3396.2	3215.8	2902.5	2471.2	1967.5	1531.5	1065.8
-27.5°	1569.9	1716.8	1779.0	1813.3	1779.0	1716.8	1569.9	1348.1	1025.7	905.7	745.1
-30°	878.2	934.3	971.8	990.3	971.8	934.3	878.2	815.0	721.4	660.6	607.2
-32.5°	646.0	661.3	667.5	659.1	667.5	661.3	646.0	621.4	590.2	558.9	528.9
-35°	536.6	544.2	547.3	550.9	547.3	544.2	536.6	524.8	509.2	490.2	468.9
-37.5°	468.0	475.6	479.4	478.2	479.4	475.6	468.0	458.0	447.0	432.2	419.2
-40°	413.6	419.3	422.5	422.5	422.5	419.3	413.6	406.4	399.6	390.7	380.8
-42.5°	369.9	372.8	373.9	373.5	373.9	372.8	369.9	364.8	359.8	353.8	348.9
-45°	333.5	335.9	337.4	338.0	337.4	335.9	333.5	330.1	328.9	328.7	328.6
-47.5°	307.5	308.2	308.9	309.3	308.9	308.2	307.5	306.5	307.2	308.7	309.0
-50°	289.4	287.8	287.1	287.3	287.1	287.8	289.4	290.3	291.0	291.6	290.7
-52.5°	278.4	277.4	277.0	277.1	277.0	277.4	278.4	278.9	279.1	278.9	277.5
-55°	271.9	272.0	271.4	270.4	271.4	272.0	271.9	271.5	270.6	269.4	267.8
-57.5°	265.3	266.4	266.9	267.0	266.9	266.4	265.3	264.0	262.5	260.7	258.4
-60°	255.8	257.5	258.3	258.6	258.3	257.5	255.8	253.9	251.7	248.7	245.4
-62.5°	236.8	237.5	238.1	238.3	238.1	237.5	236.8	235.7	234.1	231.6	228.5
-65°	216.5	217.2	217.0	216.3	217.0	217.2	216.5	215.5	213.9	211.6	208.5
-67.5°	194.6	195.2	195.0	194.3	195.0	195.2	194.6	193.4	191.8	189.4	186.3
-70°	170.6	171.6	172.2	172.4	172.2	171.6	170.6	169.2	167.4	165.2	162.6
-72.5°	145.3	146.3	147.6	148.7	147.6	146.3	145.3	144.0	142.4	140.4	138.0
-75°	118.6	119.4	121.5	123.4	121.5	119.4	118.6	117.5	116.1	114.4	112.5
-77.5°	93.1	94.1	94.5	94.6	94.5	94.1	93.1	91.8	90.4	88.9	87.6
-80°	68.5	68.9	70.0	71.0	70.0	68.9	68.5	67.8	67.0	66.0	64.4
-82.5°	45.1	45.4	45.5	45.6	45.5	45.4	45.1	44.7	44.2	43.5	42.4
-85°	26.3	26.9	26.1	25.3	26.1	26.9	26.3	25.7	25.0	24.3	23.8
-87.5°	10.0	10.1	10.1	10.1	10.1	10.1	10.0	9.9	9.9	9.8	9.2
-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: P558871 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-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°	8.7	8.1	7.6	7.8	8.0	8.2	8.3	8.0	7.7	7.4	7.1
85°	23.4	22.8	22.1	21.6	21.0	20.4	19.8	18.8	17.7	16.7	15.7
82.5°	41.2	39.9	38.6	37.6	36.4	35.1	33.8	32.2	30.5	28.5	26.3
80°	62.6	60.7	58.7	57.1	55.2	53.1	50.8	48.6	46.2	44.0	41.7
77.5°	86.0	84.1	81.8	79.4	76.9	74.3	71.4	68.2	64.8	61.4	58.0
75°	110.3	108.0	105.5	102.6	99.4	95.8	92.0	88.0	83.8	79.4	74.9
72.5°	135.3	132.2	128.9	125.6	122.0	118.2	113.8	109.1	103.8	98.1	92.5
70°	159.7	156.4	152.7	148.6	144.2	139.5	134.8	130.0	124.8	118.8	111.8
67.5°	182.8	179.1	175.2	170.8	165.8	160.5	155.2	149.6	143.6	137.4	130.2
65°	204.9	200.6	196.6	192.1	187.0	181.3	175.4	169.1	162.4	155.4	147.5
62.5°	225.2	221.6	217.3	212.2	206.9	201.4	195.0	187.9	180.7	173.1	164.5
60°	241.9	238.4	234.2	229.6	224.6	219.2	212.5	205.4	197.9	189.5	180.8
57.5°	255.5	252.1	248.3	244.2	239.7	234.2	228.0	221.4	213.6	205.1	196.1
55°	265.8	263.2	260.2	256.5	252.2	247.0	241.5	235.1	227.6	219.8	210.3
52.5°	275.0	272.8	270.2	267.4	263.2	258.1	253.0	246.7	240.1	232.1	223.4
50°	288.6	284.1	279.8	276.0	272.2	267.6	262.2	256.6	250.5	243.1	234.8
47.5°	305.6	298.4	291.3	285.7	280.9	275.9	270.6	265.1	259.3	252.7	244.6
45°	323.3	314.9	305.7	298.0	290.7	284.8	279.0	273.4	267.5	260.9	253.5
42.5°	342.3	333.3	322.9	312.8	302.9	294.9	287.7	281.7	275.3	268.8	261.2
40°	368.9	354.9	343.9	330.7	318.4	306.4	298.4	290.3	283.3	275.9	268.5
37.5°	404.0	387.8	370.6	353.5	337.7	322.4	310.9	301.1	291.7	283.5	275.1
35°	444.7	423.7	401.9	380.7	361.0	342.4	325.9	313.1	302.1	291.9	282.1
32.5°	497.8	467.7	438.8	412.3	386.1	363.4	343.5	326.8	313.4	301.7	290.1
30°	556.3	517.0	479.4	448.1	416.3	387.3	361.2	341.3	325.6	312.2	298.7
27.5°	651.0	575.4	527.2	484.3	447.6	413.9	382.6	354.3	337.0	322.7	308.0
25°	856.7	676.0	587.9	530.3	482.7	439.4	403.7	371.3	347.2	331.6	313.1
22.5°	1250.6	906.4	679.6	579.4	521.4	469.5	425.0	388.6	355.2	335.5	316.5
20°	2031.3	1258.5	870.5	660.8	564.0	498.8	446.5	405.4	368.4	340.0	318.9
17.5°	3086.2	1943.2	1112.0	766.3	620.7	535.6	470.7	420.9	380.3	344.8	320.3
15°	4216.4	2720.6	1617.8	965.3	680.7	566.7	490.7	435.0	391.3	352.1	323.9
12.5°	5505.8	3534.4	2084.5	1126.8	751.2	601.2	512.7	450.7	402.3	360.9	329.5
10°	6660.4	4356.8	2622.6	1462.0	869.3	636.0	533.1	464.5	412.5	368.1	334.0
7.5°	7601.6	5132.6	3109.5	1711.8	958.1	663.5	550.3	476.2	420.9	373.4	337.2
5°	8203.4	5704.9	3497.4	1898.8	1019.9	681.8	561.9	484.9	427.2	376.7	339.2
2.5°	8629.7	6083.8	3742.8	2007.8	1052.9	691.6	570.1	490.1	431.9	380.8	342.5
0°	8650.7	6212.2	3826.0	2102.3	1059.6	694.6	576.3	491.8	434.3	383.6	344.7
-2.5°	8629.7	6083.8	3742.8	2007.8	1052.9	691.6	570.1	490.1	431.9	380.8	342.5
-5°	8203.4	5704.9	3497.4	1898.8	1019.9	681.8	561.9	484.9	427.2	376.7	339.2
-7.5°	7601.6	5132.6	3109.5	1711.8	958.1	663.5	550.3	476.2	420.9	373.4	337.2
-10°	6660.4	4356.8	2622.6	1462.0	869.3	636.0	533.1	464.5	412.5	368.1	334.0
-12.5°	5505.8	3534.4	2084.5	1126.8	751.2	601.2	512.7	450.7	402.3	360.9	329.5
-15°	4216.4	2720.6	1617.8	965.3	680.7	566.7	490.7	435.0	391.3	352.1	323.9
-17.5°	3086.2	1943.2	1112.0	766.3	620.7	535.6	470.7	420.9	380.3	344.8	320.3
-20°	2031.3	1258.5	870.5	660.8	564.0	498.8	446.5	405.4	368.4	340.0	318.9





REPORT NUMBER: P558871 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-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°	1250.6	906.4	679.6	579.4	521.4	469.5	425.0	388.6	355.2	335.5	316.5
-25°	856.7	676.0	587.9	530.3	482.7	439.4	403.7	371.3	347.2	331.6	313.1
-27.5°	651.0	575.4	527.2	484.3	447.6	413.9	382.6	354.3	337.0	322.7	308.0
-30°	556.3	517.0	479.4	448.1	416.3	387.3	361.2	341.3	325.6	312.2	298.7
-32.5°	497.8	467.7	438.8	412.3	386.1	363.4	343.5	326.8	313.4	301.7	290.1
-35°	444.7	423.7	401.9	380.7	361.0	342.4	325.9	313.1	302.1	291.9	282.1
-37.5°	404.0	387.8	370.6	353.5	337.7	322.4	310.9	301.1	291.7	283.5	275.1
-40°	368.9	354.9	343.9	330.7	318.4	306.4	298.4	290.3	283.3	275.9	268.5
-42.5°	342.3	333.3	322.9	312.8	302.9	294.9	287.7	281.7	275.3	268.8	261.2
-45°	323.3	314.9	305.7	298.0	290.7	284.8	279.0	273.4	267.5	260.9	253.5
-47.5°	305.6	298.4	291.3	285.7	280.9	275.9	270.6	265.1	259.3	252.7	244.6
-50°	288.6	284.1	279.8	276.0	272.2	267.6	262.2	256.6	250.5	243.1	234.8
-52.5°	275.0	272.8	270.2	267.4	263.2	258.1	253.0	246.7	240.1	232.1	223.4
-55°	265.8	263.2	260.2	256.5	252.2	247.0	241.5	235.1	227.6	219.8	210.3
-57.5°	255.5	252.1	248.3	244.2	239.7	234.2	228.0	221.4	213.6	205.1	196.1
-60°	241.9	238.4	234.2	229.6	224.6	219.2	212.5	205.4	197.9	189.5	180.8
-62.5°	225.2	221.6	217.3	212.2	206.9	201.4	195.0	187.9	180.7	173.1	164.5
-65°	204.9	200.6	196.6	192.1	187.0	181.3	175.4	169.1	162.4	155.4	147.5
-67.5°	182.8	179.1	175.2	170.8	165.8	160.5	155.2	149.6	143.6	137.4	130.2
-70°	159.7	156.4	152.7	148.6	144.2	139.5	134.8	130.0	124.8	118.8	111.8
-72.5°	135.3	132.2	128.9	125.6	122.0	118.2	113.8	109.1	103.8	98.1	92.5
-75°	110.3	108.0	105.5	102.6	99.4	95.8	92.0	88.0	83.8	79.4	74.9
-77.5°	86.0	84.1	81.8	79.4	76.9	74.3	71.4	68.2	64.8	61.4	58.0
-80°	62.6	60.7	58.7	57.1	55.2	53.1	50.8	48.6	46.2	44.0	41.7
-82.5°	41.2	39.9	38.6	37.6	36.4	35.1	33.8	32.2	30.5	28.5	26.3
-85°	23.4	22.8	22.1	21.6	21.0	20.4	19.8	18.8	17.7	16.7	15.7
-87.5°	8.7	8.1	7.6	7.8	8.0	8.2	8.3	8.0	7.7	7.4	7.1
-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: P558871 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-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°	6.8	6.5	6.1	5.8	5.4	5.0	4.7	4.3	3.9	3.5	3.0
85°	15.0	14.2	13.3	12.3	11.3	10.1	9.3	8.5	7.7	6.9	6.1
82.5°	24.6	23.5	22.3	21.0	19.6	18.1	16.4	14.6	12.5	10.5	9.1
80°	39.1	36.4	33.8	31.2	28.6	26.1	24.0	21.6	18.7	15.9	13.2
77.5°	54.2	50.3	46.3	42.6	39.1	35.6	32.2	28.8	24.9	21.3	17.8
75°	70.0	65.3	60.4	55.4	50.3	45.1	40.8	36.5	31.7	26.7	22.3
72.5°	87.2	81.4	75.2	68.7	62.6	56.5	50.2	44.1	38.8	33.1	27.1
70°	104.7	97.9	91.0	83.3	75.5	67.8	60.6	53.3	45.8	39.5	32.8
67.5°	122.4	114.2	106.2	97.8	88.9	80.0	71.1	62.7	54.3	45.8	38.4
65°	139.2	130.2	120.7	111.4	101.8	91.9	82.0	72.2	62.7	53.3	44.0
62.5°	155.6	146.2	135.8	125.0	114.3	103.6	92.7	82.0	71.1	60.6	50.2
60°	171.5	161.4	150.5	138.6	126.7	115.0	103.2	91.6	79.7	67.8	56.5
57.5°	186.2	176.0	164.2	151.8	139.0	126.1	113.5	100.9	88.2	75.3	62.6
55°	200.3	189.4	177.3	164.3	150.7	136.9	123.7	110.1	96.4	82.6	68.7
52.5°	213.4	202.0	189.4	176.2	162.1	147.6	133.6	119.1	104.5	89.7	74.9
50°	225.2	213.7	200.9	187.2	173.0	158.1	143.4	128.0	112.3	96.6	81.0
47.5°	235.6	224.2	211.5	197.7	182.9	168.1	152.7	136.7	119.8	103.3	86.9
45°	244.4	234.0	221.4	207.3	192.8	177.5	161.4	145.3	127.5	109.9	92.7
42.5°	252.7	242.5	230.4	216.5	202.1	186.5	169.8	152.9	134.9	116.2	98.2
40°	259.8	250.2	238.8	225.3	211.0	195.3	177.8	160.0	142.1	122.3	103.5
37.5°	266.5	257.1	245.9	234.0	219.5	203.3	185.5	166.8	148.7	128.3	108.5
35°	272.7	263.1	253.3	241.6	227.4	211.0	193.0	173.3	154.3	134.0	113.3
32.5°	278.9	268.8	259.0	248.1	235.0	218.4	199.9	179.5	159.6	139.3	117.8
30°	285.8	273.9	264.2	254.1	241.8	225.1	206.0	185.2	164.6	144.2	122.0
27.5°	291.3	278.1	268.7	258.8	246.9	231.4	211.4	190.3	169.2	148.5	126.0
25°	295.9	282.2	272.1	262.8	251.6	236.4	216.3	194.9	173.5	152.3	129.7
22.5°	299.6	285.7	274.7	266.3	256.0	240.9	220.6	199.0	177.3	155.7	133.0
20°	301.6	288.2	276.7	269.3	259.7	244.3	224.3	202.5	180.6	158.8	135.9
17.5°	302.3	290.0	279.2	271.3	262.4	247.6	227.6	205.7	183.5	161.6	138.5
15°	305.1	291.8	281.2	273.0	264.7	250.9	230.3	208.4	185.9	164.0	140.8
12.5°	308.1	293.1	282.4	274.3	266.7	254.0	232.6	210.6	187.8	166.0	142.7
10°	310.7	293.9	283.1	275.4	268.2	256.9	234.4	212.4	189.8	167.7	144.2
7.5°	312.8	294.4	283.2	276.2	269.4	259.2	236.0	213.7	191.5	169.0	145.4
5°	314.4	294.6	283.1	276.7	270.5	260.7	237.3	214.5	192.8	169.9	146.3
2.5°	315.6	294.5	282.8	277.0	271.4	261.6	238.0	214.8	193.8	170.5	146.8
0°	316.0	294.0	282.2	277.1	272.1	261.9	238.3	214.6	194.3	170.7	147.0
-2.5°	315.6	294.5	282.8	277.0	271.4	261.6	238.0	214.8	193.8	170.5	146.8
-5°	314.4	294.6	283.1	276.7	270.5	260.7	237.3	214.5	192.8	169.9	146.3
-7.5°	312.8	294.4	283.2	276.2	269.4	259.2	236.0	213.7	191.5	169.0	145.4
-10°	310.7	293.9	283.1	275.4	268.2	256.9	234.4	212.4	189.8	167.7	144.2
-12.5°	308.1	293.1	282.4	274.3	266.7	254.0	232.6	210.6	187.8	166.0	142.7
-15°	305.1	291.8	281.2	273.0	264.7	250.9	230.3	208.4	185.9	164.0	140.8
-17.5°	302.3	290.0	279.2	271.3	262.4	247.6	227.6	205.7	183.5	161.6	138.5
-20°	301.6	288.2	276.7	269.3	259.7	244.3	224.3	202.5	180.6	158.8	135.9



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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°	299.6	285.7	274.7	266.3	256.0	240.9	220.6	199.0	177.3	155.7	133.0
-25°	295.9	282.2	272.1	262.8	251.6	236.4	216.3	194.9	173.5	152.3	129.7
-27.5°	291.3	278.1	268.7	258.8	246.9	231.4	211.4	190.3	169.2	148.5	126.0
-30°	285.8	273.9	264.2	254.1	241.8	225.1	206.0	185.2	164.6	144.2	122.0
-32.5°	278.9	268.8	259.0	248.1	235.0	218.4	199.9	179.5	159.6	139.3	117.8
-35°	272.7	263.1	253.3	241.6	227.4	211.0	193.0	173.3	154.3	134.0	113.3
-37.5°	266.5	257.1	245.9	234.0	219.5	203.3	185.5	166.8	148.7	128.3	108.5
-40°	259.8	250.2	238.8	225.3	211.0	195.3	177.8	160.0	142.1	122.3	103.5
-42.5°	252.7	242.5	230.4	216.5	202.1	186.5	169.8	152.9	134.9	116.2	98.2
-45°	244.4	234.0	221.4	207.3	192.8	177.5	161.4	145.3	127.5	109.9	92.7
-47.5°	235.6	224.2	211.5	197.7	182.9	168.1	152.7	136.7	119.8	103.3	86.9
-50°	225.2	213.7	200.9	187.2	173.0	158.1	143.4	128.0	112.3	96.6	81.0
-52.5°	213.4	202.0	189.4	176.2	162.1	147.6	133.6	119.1	104.5	89.7	74.9
-55°	200.3	189.4	177.3	164.3	150.7	136.9	123.7	110.1	96.4	82.6	68.7
-57.5°	186.2	176.0	164.2	151.8	139.0	126.1	113.5	100.9	88.2	75.3	62.6
-60°	171.5	161.4	150.5	138.6	126.7	115.0	103.2	91.6	79.7	67.8	56.5
-62.5°	155.6	146.2	135.8	125.0	114.3	103.6	92.7	82.0	71.1	60.6	50.2
-65°	139.2	130.2	120.7	111.4	101.8	91.9	82.0	72.2	62.7	53.3	44.0
-67.5°	122.4	114.2	106.2	97.8	88.9	80.0	71.1	62.7	54.3	45.8	38.4
-70°	104.7	97.9	91.0	83.3	75.5	67.8	60.6	53.3	45.8	39.5	32.8
-72.5°	87.2	81.4	75.2	68.7	62.6	56.5	50.2	44.1	38.8	33.1	27.1
-75°	70.0	65.3	60.4	55.4	50.3	45.1	40.8	36.5	31.7	26.7	22.3
-77.5°	54.2	50.3	46.3	42.6	39.1	35.6	32.2	28.8	24.9	21.3	17.8
-80°	39.1	36.4	33.8	31.2	28.6	26.1	24.0	21.6	18.7	15.9	13.2
-82.5°	24.6	23.5	22.3	21.0	19.6	18.1	16.4	14.6	12.5	10.5	9.1
-85°	15.0	14.2	13.3	12.3	11.3	10.1	9.3	8.5	7.7	6.9	6.1
-87.5°	6.8	6.5	6.1	5.8	5.4	5.0	4.7	4.3	3.9	3.5	3.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
85°	5.2	4.4	3.5	2.6	1.8	0.9	0.0
82.5°	7.8	6.5	5.2	3.9	2.6	1.3	0.0
80°	10.6	8.7	7.0	5.2	3.5	1.8	0.0
77.5°	14.4	11.3	8.7	6.5	4.4	2.2	0.0
75°	18.3	14.6	10.6	7.8	5.2	2.6	0.0
72.5°	22.1	17.8	13.3	9.1	6.1	3.0	0.0
70°	26.1	21.1	15.9	10.5	6.9	3.5	0.0
67.5°	31.0	24.3	18.6	12.5	7.7	3.9	0.0
65°	35.8	27.9	21.2	14.5	8.5	4.3	0.0
62.5°	40.5	31.7	23.7	16.5	9.3	4.7	0.0
60°	45.1	35.5	26.2	18.4	10.1	5.0	0.0
57.5°	50.3	39.2	29.1	20.2	11.3	5.4	0.0
55°	55.4	42.7	31.9	22.1	12.6	5.8	0.0
52.5°	60.4	46.3	34.7	23.9	13.8	6.1	0.0
50°	65.3	50.3	37.3	25.6	14.9	6.5	0.0
47.5°	70.0	54.2	39.8	27.3	16.0	6.8	0.0
45°	75.0	58.0	42.2	29.2	17.1	7.1	0.0
42.5°	79.7	61.5	44.5	30.9	18.1	7.4	0.0
40°	84.3	65.0	47.0	32.5	19.1	7.7	0.0
37.5°	88.7	68.2	49.6	34.0	20.0	8.0	0.0
35°	92.9	71.6	52.0	35.5	20.9	8.3	0.0
32.5°	96.9	74.8	54.3	36.8	21.7	8.5	0.0
30°	100.5	77.9	56.5	38.1	22.5	8.7	0.0
27.5°	103.8	80.8	58.6	39.3	23.2	9.0	0.0
25°	106.9	83.4	60.5	40.3	23.8	9.2	0.0
22.5°	109.7	85.9	62.3	41.3	24.4	9.3	0.0
20°	112.3	88.1	63.9	42.2	25.0	9.5	0.0
17.5°	114.5	90.1	65.4	43.0	25.4	9.6	0.0
15°	116.4	91.7	66.7	43.7	25.8	9.8	0.0
12.5°	118.0	93.1	67.9	44.3	26.2	9.9	0.0
10°	119.3	94.3	68.9	44.7	26.5	9.9	0.0
7.5°	120.4	95.2	69.7	45.1	26.7	10.0	0.0
5°	121.1	95.8	70.3	45.4	26.9	10.1	0.0
2.5°	121.6	96.2	70.8	45.5	27.0	10.1	0.0
0°	121.7	96.3	71.0	45.6	27.0	10.1	0.0
-2.5°	121.6	96.2	70.8	45.5	27.0	10.1	0.0
-5°	121.1	95.8	70.3	45.4	26.9	10.1	0.0
-7.5°	120.4	95.2	69.7	45.1	26.7	10.0	0.0
-10°	119.3	94.3	68.9	44.7	26.5	9.9	0.0
-12.5°	118.0	93.1	67.9	44.3	26.2	9.9	0.0
-15°	116.4	91.7	66.7	43.7	25.8	9.8	0.0
-17.5°	114.5	90.1	65.4	43.0	25.4	9.6	0.0
-20°	112.3	88.1	63.9	42.2	25.0	9.5	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	109.7	85.9	62.3	41.3	24.4	9.3	0.0
-25°	106.9	83.4	60.5	40.3	23.8	9.2	0.0
-27.5°	103.8	80.8	58.6	39.3	23.2	9.0	0.0
-30°	100.5	77.9	56.5	38.1	22.5	8.7	0.0
-32.5°	96.9	74.8	54.3	36.8	21.7	8.5	0.0
-35°	92.9	71.6	52.0	35.5	20.9	8.3	0.0
-37.5°	88.7	68.2	49.6	34.0	20.0	8.0	0.0
-40°	84.3	65.0	47.0	32.5	19.1	7.7	0.0
-42.5°	79.7	61.5	44.5	30.9	18.1	7.4	0.0
-45°	75.0	58.0	42.2	29.2	17.1	7.1	0.0
-47.5°	70.0	54.2	39.8	27.3	16.0	6.8	0.0
-50°	65.3	50.3	37.3	25.6	14.9	6.5	0.0
-52.5°	60.4	46.3	34.7	23.9	13.8	6.1	0.0
-55°	55.4	42.7	31.9	22.1	12.6	5.8	0.0
-57.5°	50.3	39.2	29.1	20.2	11.3	5.4	0.0
-60°	45.1	35.5	26.2	18.4	10.1	5.0	0.0
-62.5°	40.5	31.7	23.7	16.5	9.3	4.7	0.0
-65°	35.8	27.9	21.2	14.5	8.5	4.3	0.0
-67.5°	31.0	24.3	18.6	12.5	7.7	3.9	0.0
-70°	26.1	21.1	15.9	10.5	6.9	3.5	0.0
-72.5°	22.1	17.8	13.3	9.1	6.1	3.0	0.0
-75°	18.3	14.6	10.6	7.8	5.2	2.6	0.0
-77.5°	14.4	11.3	8.7	6.5	4.4	2.2	0.0
-80°	10.6	8.7	7.0	5.2	3.5	1.8	0.0
-82.5°	7.8	6.5	5.2	3.9	2.6	1.3	0.0
-85°	5.2	4.4	3.5	2.6	1.8	0.9	0.0
-87.5°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)