

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: P558823 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-930-U-NR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558823 (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-SA3D-930-U-NR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3  
Light Source: (48) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

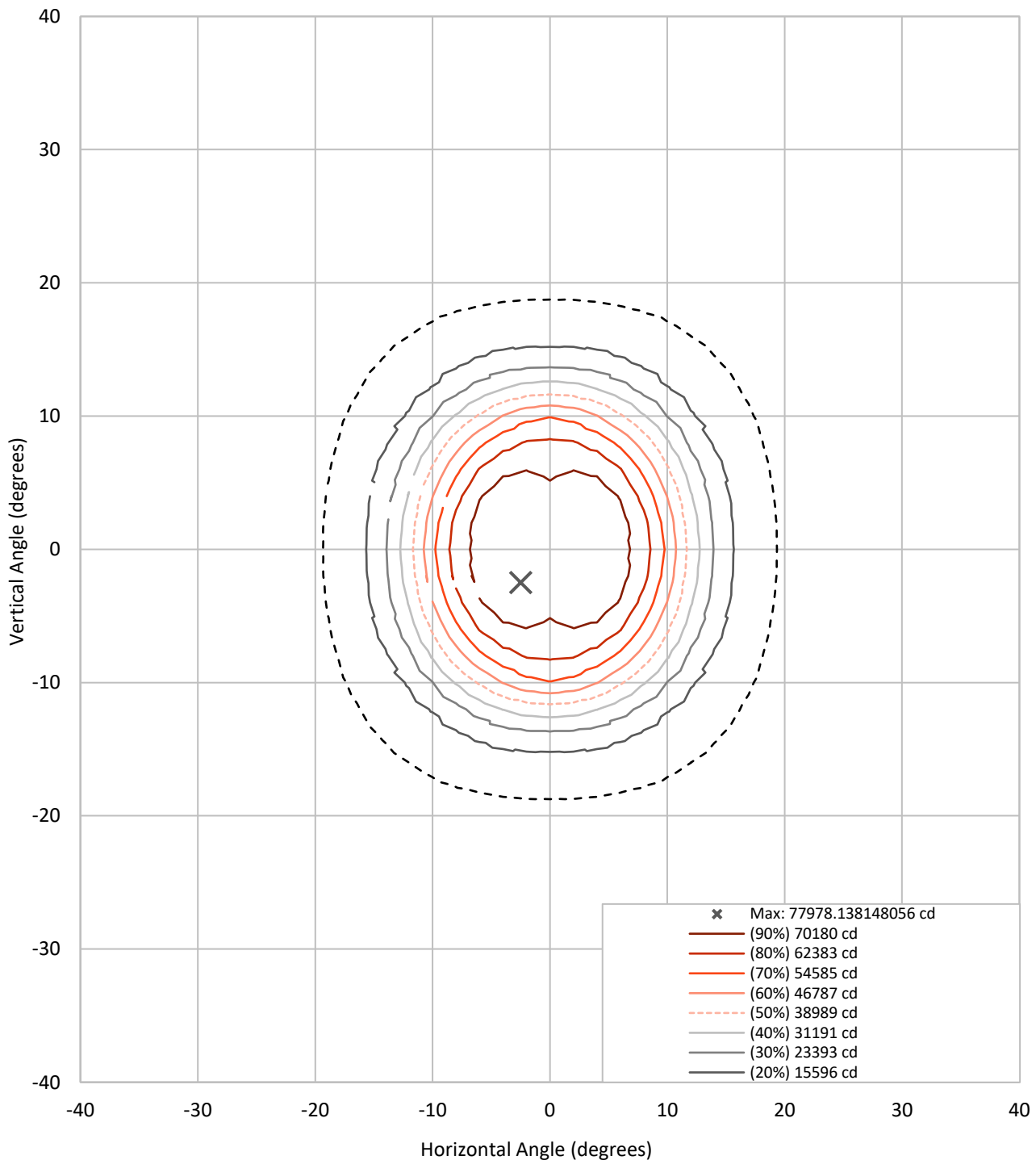
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	14745.6 lumens	Max Intensity:	77978.1 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	93.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	7960.6 lumens	Field Lumens:	12005.1 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 158  
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





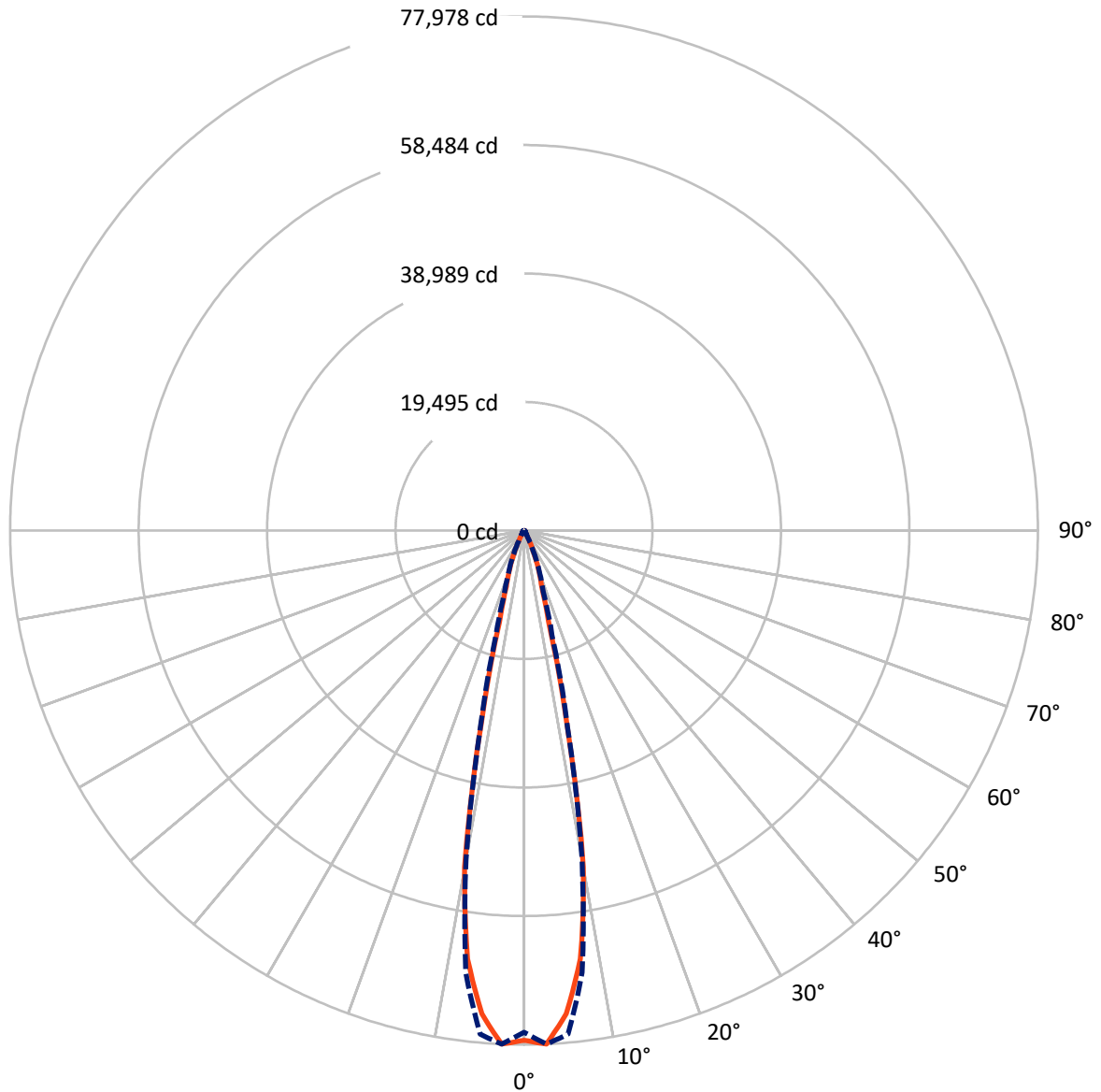
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### Lumen Table

90	0.2	1.5		4.0		6.3		7.4		6.3		4.0		1.5		0.2
80	0.2	1.5		4.0		6.3		7.4		6.3		4.0		1.5		0.2
70	0.7	0.8	1.6	2.6	3.6	4.4	5.0	5.3	5.3	5.0	4.4	3.6	2.6	1.6	0.8	0.7
60		1.2	2.3	3.7	4.9	5.8	6.5	6.7	6.7	6.5	5.8	4.9	3.7	2.3	1.2	
50	1.2	1.5	3.0	4.4	5.7	6.9	8.0	8.5	8.5	8.0	6.9	5.7	4.4	3.0	1.5	1.2
40		1.8	3.4	5.0	6.7	9.2	12.1	14.5	14.5	12.1	9.2	6.7	5.0	3.4	1.8	
30	1.7	2.1	3.7	5.5	8.3	15.1	45.3	88.2	88.2	45.3	15.1	8.3	5.5	3.7	2.1	1.7
20		2.2	3.9	5.8	10.4	44.7	206.5	530.9	530.9	206.5	44.7	10.4	5.8	3.9	2.2	
10	1.8	2.3	4.0	6.1	12.4	87.1	537.6	1899.2	1899.2	537.6	87.1	12.4	6.1	4.0	2.3	1.8
0		2.3	4.0	6.1	12.4	87.1	537.6	1899.2	1899.2	537.6	87.1	12.4	6.1	4.0	2.3	
-10	1.7	2.2	3.9	5.8	10.4	44.7	206.5	530.9	530.9	206.5	44.7	10.4	5.8	3.9	2.2	1.7
-20		2.1	3.7	5.5	8.3	15.1	45.3	88.2	88.2	45.3	15.1	8.3	5.5	3.7	2.1	
-30	1.2	1.8	3.4	5.0	6.7	9.2	12.1	14.5	14.5	12.1	9.2	6.7	5.0	3.4	1.8	1.2
-40		1.5	3.0	4.4	5.7	6.9	8.0	8.5	8.5	8.0	6.9	5.7	4.4	3.0	1.5	
-50	0.7	1.2	2.3	3.7	4.9	5.8	6.5	6.7	6.7	6.5	5.8	4.9	3.7	2.3	1.2	0.7
-60		0.8	1.6	2.6	3.6	4.4	5.0	5.3	5.3	5.0	4.4	3.6	2.6	1.6	0.8	
-70	0.2	1.5		4.0		6.3		7.4		6.3		4.0		1.5		0.2
-80		1.5		4.0		6.3		7.4		6.3		4.0		1.5		
-90	0.2	1.5		4.0		6.3		7.4		6.3		4.0		1.5		0.2

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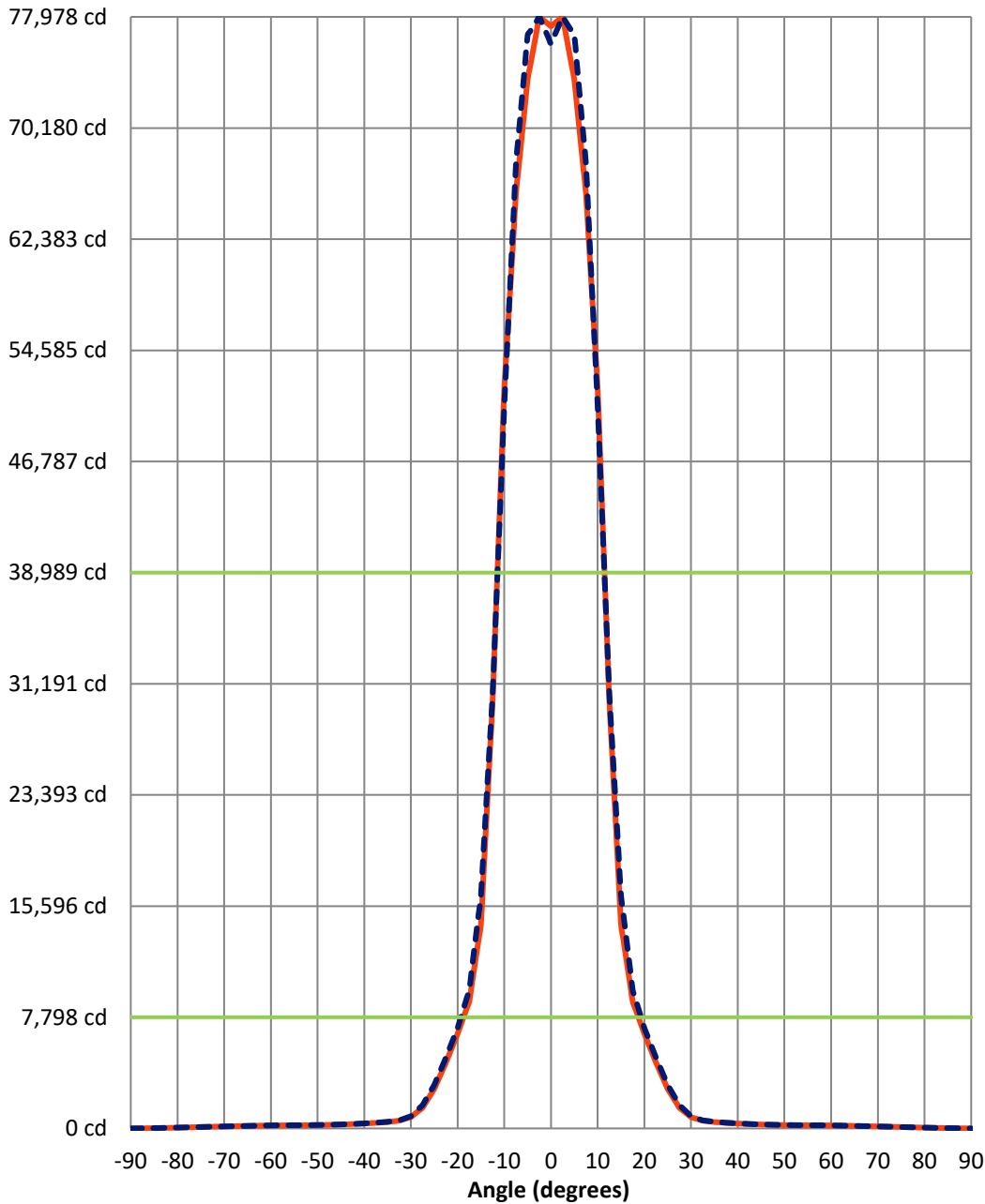
### Luminous Intensity Polar Plot



— 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: 7960.6  
Efficiency: 54.0%

**Field:**  
H Angle: 38.6°  
V Angle: 37.5°  
Lumens: 12005.1  
Efficiency: 81.4%

**Spill:**  
Lumens: 2740.5  
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	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.2	3.5
85°	0.0	0.7	1.4	2.2	2.9	3.6	4.3	5.0	5.7	6.3	7.0
82.5°	0.0	1.1	2.2	3.2	4.3	5.4	6.4	7.5	8.6	10.3	11.9
80°	0.0	1.4	2.9	4.3	5.7	7.2	8.7	10.8	13.0	15.3	17.7
77.5°	0.0	1.8	3.6	5.4	7.2	9.2	11.8	14.6	17.4	20.4	23.5
75°	0.0	2.1	4.3	6.4	8.7	11.9	15.0	18.3	21.8	25.9	29.8
72.5°	0.0	2.5	5.0	7.5	10.9	14.6	18.1	22.2	27.0	31.6	36.0
70°	0.0	2.8	5.7	8.6	13.1	17.3	21.3	26.8	32.2	37.4	43.5
67.5°	0.0	3.2	6.3	10.3	15.2	19.9	25.3	31.4	37.4	44.3	51.2
65°	0.0	3.5	7.0	11.9	17.3	22.8	29.2	35.9	43.5	51.2	58.9
62.5°	0.0	3.8	7.7	13.5	19.4	25.9	33.1	40.9	49.4	58.0	66.9
60°	0.0	4.1	8.3	15.1	21.5	29.0	36.8	46.1	55.3	65.0	74.7
57.5°	0.0	4.5	9.3	16.6	23.8	32.0	41.0	51.1	61.4	71.9	82.4
55°	0.0	4.8	10.3	18.1	26.1	34.9	45.2	56.0	67.4	78.7	89.9
52.5°	0.0	5.1	11.3	19.5	28.3	37.8	49.3	61.1	73.2	85.2	97.1
50°	0.0	5.3	12.2	21.0	30.4	41.0	53.2	66.1	78.9	91.6	104.4
47.5°	0.0	5.6	13.1	22.4	32.5	44.2	57.1	70.9	84.3	97.8	111.6
45°	0.0	5.9	14.0	23.8	34.4	47.3	61.1	75.7	89.7	104.0	118.6
42.5°	0.0	6.1	14.8	25.2	36.3	50.2	65.1	80.2	94.8	110.1	124.8
40°	0.0	6.4	15.6	26.6	38.3	53.0	68.8	84.5	99.8	116.0	130.6
37.5°	0.0	6.6	16.4	27.8	40.4	55.6	72.4	88.6	104.7	121.3	136.1
35°	0.0	6.8	17.1	29.0	42.4	58.4	75.8	92.4	109.3	125.9	141.4
32.5°	0.0	7.0	17.8	30.1	44.3	61.0	79.1	96.1	113.7	130.3	146.5
30°	0.0	7.2	18.4	31.1	46.1	63.5	82.0	99.6	117.7	134.3	151.2
27.5°	0.0	7.4	19.0	32.1	47.8	65.9	84.7	102.8	121.2	138.1	155.3
25°	0.0	7.5	19.5	32.9	49.3	68.1	87.2	105.8	124.3	141.6	159.1
22.5°	0.0	7.7	20.0	33.7	50.8	70.1	89.5	108.5	127.1	144.7	162.4
20°	0.0	7.8	20.4	34.5	52.1	71.9	91.6	110.9	129.6	147.4	165.3
17.5°	0.0	7.9	20.8	35.1	53.3	73.5	93.4	113.1	131.9	149.7	167.8
15°	0.0	8.0	21.2	35.6	54.4	74.9	95.0	114.9	133.8	151.6	170.0
12.5°	0.0	8.1	21.4	36.1	55.4	76.0	96.3	116.5	135.5	153.2	171.8
10°	0.0	8.2	21.7	36.5	56.2	77.0	97.4	117.7	136.9	154.8	173.3
7.5°	0.0	8.2	21.9	36.8	56.8	77.7	98.2	118.7	137.9	156.2	174.4
5°	0.0	8.3	22.0	37.0	57.3	78.2	98.8	119.4	138.7	157.3	175.1
2.5°	0.0	8.3	22.1	37.2	57.7	78.5	99.2	119.9	139.1	158.1	175.3
0°	0.0	8.3	22.1	37.2	57.9	78.6	99.3	120.0	139.3	158.6	175.2
-2.5°	0.0	8.3	22.1	37.2	57.9	78.6	99.3	120.0	139.3	158.6	175.2
-5°	0.0	8.3	22.0	37.0	57.3	78.2	98.8	119.4	138.7	157.3	175.1
-7.5°	0.0	8.2	21.9	36.8	56.8	77.7	98.2	118.7	137.9	156.2	174.4
-10°	0.0	8.2	21.7	36.5	56.2	77.0	97.4	117.7	136.9	154.8	173.3
-12.5°	0.0	8.1	21.4	36.1	55.4	76.0	96.3	116.5	135.5	153.2	171.8
-15°	0.0	8.0	21.2	35.6	54.4	74.9	95.0	114.9	133.8	151.6	170.0
-17.5°	0.0	7.9	20.8	35.1	53.3	73.5	93.4	113.1	131.9	149.7	167.8
-20°	0.0	7.8	20.4	34.5	52.1	71.9	91.6	110.9	129.6	147.4	165.3



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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	7.7	20.0	33.7	50.8	70.1	89.5	108.5	127.1	144.7	162.4
-25°	0.0	7.5	19.5	32.9	49.3	68.1	87.2	105.8	124.3	141.6	159.1
-27.5°	0.0	7.4	19.0	32.1	47.8	65.9	84.7	102.8	121.2	138.1	155.3
-30°	0.0	7.2	18.4	31.1	46.1	63.5	82.0	99.6	117.7	134.3	151.2
-32.5°	0.0	7.0	17.8	30.1	44.3	61.0	79.1	96.1	113.7	130.3	146.5
-35°	0.0	6.8	17.1	29.0	42.4	58.4	75.8	92.4	109.3	125.9	141.4
-37.5°	0.0	6.6	16.4	27.8	40.4	55.6	72.4	88.6	104.7	121.3	136.1
-40°	0.0	6.4	15.6	26.6	38.3	53.0	68.8	84.5	99.8	116.0	130.6
-42.5°	0.0	6.1	14.8	25.2	36.3	50.2	65.1	80.2	94.8	110.1	124.8
-45°	0.0	5.9	14.0	23.8	34.4	47.3	61.1	75.7	89.7	104.0	118.6
-47.5°	0.0	5.6	13.1	22.4	32.5	44.2	57.1	70.9	84.3	97.8	111.6
-50°	0.0	5.3	12.2	21.0	30.4	41.0	53.2	66.1	78.9	91.6	104.4
-52.5°	0.0	5.1	11.3	19.5	28.3	37.8	49.3	61.1	73.2	85.2	97.1
-55°	0.0	4.8	10.3	18.1	26.1	34.9	45.2	56.0	67.4	78.7	89.9
-57.5°	0.0	4.5	9.3	16.6	23.8	32.0	41.0	51.1	61.4	71.9	82.4
-60°	0.0	4.1	8.3	15.1	21.5	29.0	36.8	46.1	55.3	65.0	74.7
-62.5°	0.0	3.8	7.7	13.5	19.4	25.9	33.1	40.9	49.4	58.0	66.9
-65°	0.0	3.5	7.0	11.9	17.3	22.8	29.2	35.9	43.5	51.2	58.9
-67.5°	0.0	3.2	6.3	10.3	15.2	19.9	25.3	31.4	37.4	44.3	51.2
-70°	0.0	2.8	5.7	8.6	13.1	17.3	21.3	26.8	32.2	37.4	43.5
-72.5°	0.0	2.5	5.0	7.5	10.9	14.6	18.1	22.2	27.0	31.6	36.0
-75°	0.0	2.1	4.3	6.4	8.7	11.9	15.0	18.3	21.8	25.9	29.8
-77.5°	0.0	1.8	3.6	5.4	7.2	9.2	11.8	14.6	17.4	20.4	23.5
-80°	0.0	1.4	2.9	4.3	5.7	7.2	8.7	10.8	13.0	15.3	17.7
-82.5°	0.0	1.1	2.2	3.2	4.3	5.4	6.4	7.5	8.6	10.3	11.9
-85°	0.0	0.7	1.4	2.2	2.9	3.6	4.3	5.0	5.7	6.3	7.0
-87.5°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.2	3.5
-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°	3.8	4.1	4.5	4.8	5.1	5.3	5.6	5.9	6.1	6.4	6.6
85°	7.7	8.3	9.2	10.1	10.9	11.6	12.3	12.9	13.7	14.5	15.4
82.5°	13.5	14.8	16.1	17.2	18.2	19.2	20.1	21.4	23.2	24.9	26.3
80°	19.6	21.4	23.4	25.5	27.6	29.7	31.9	34.0	35.9	37.8	39.7
77.5°	26.4	29.1	31.9	34.8	37.8	41.0	44.2	47.3	50.1	52.9	55.6
75°	33.3	36.8	41.0	45.2	49.3	53.2	57.1	61.0	64.8	68.4	71.8
72.5°	40.9	46.1	51.1	56.0	61.3	66.4	71.1	75.5	80.1	84.7	89.0
70°	49.4	55.3	61.6	68.0	74.2	79.9	85.5	91.2	96.9	101.8	106.1
67.5°	58.0	65.2	72.5	79.8	86.6	93.2	99.9	106.3	112.2	117.3	122.1
65°	66.9	75.0	83.1	90.9	98.5	106.3	113.6	120.5	126.8	132.6	138.0
62.5°	75.6	84.5	93.3	102.0	110.9	119.4	127.0	134.3	141.3	147.5	153.4
60°	84.2	93.8	103.4	113.1	122.8	131.7	140.0	147.5	154.7	161.6	167.6
57.5°	92.6	102.9	113.4	123.9	134.0	143.7	152.0	160.1	167.4	174.3	180.7
55°	100.9	111.8	123.0	134.1	144.7	154.6	163.5	171.6	179.4	185.8	191.9
52.5°	109.1	120.5	132.3	143.8	154.6	164.9	174.2	182.3	189.4	196.0	201.3
50°	117.1	129.0	141.2	152.8	164.0	174.4	183.8	191.7	198.4	204.4	209.4
47.5°	124.6	137.2	149.3	161.4	172.6	183.0	192.3	199.6	206.3	211.6	216.3
45°	131.7	144.9	157.4	169.2	180.7	190.9	199.5	206.9	212.9	218.3	223.1
42.5°	138.5	152.2	164.9	176.7	188.0	197.9	206.3	213.2	219.4	224.7	229.9
40°	145.1	159.4	172.2	183.8	194.9	204.2	212.0	219.1	225.2	231.2	236.9
37.5°	151.4	165.9	179.1	191.0	200.7	209.8	217.5	224.5	231.4	238.0	245.7
35°	157.5	172.2	185.5	197.2	206.8	214.7	222.6	230.3	238.2	246.5	255.5
32.5°	163.1	178.2	191.7	202.4	211.4	219.4	227.7	236.8	246.2	255.7	266.7
30°	168.2	183.7	197.3	207.3	215.6	223.6	233.3	243.7	254.8	265.8	278.6
27.5°	172.5	188.8	201.5	211.2	219.3	227.0	237.8	251.4	263.4	275.1	289.2
25°	176.6	192.9	205.3	214.4	222.1	230.4	241.5	255.5	270.7	283.4	303.0
22.5°	180.1	196.6	208.9	217.4	224.3	233.1	244.5	258.3	273.9	289.8	317.2
20°	183.1	199.3	211.9	219.8	225.9	235.1	246.1	260.3	277.5	300.7	330.9
17.5°	185.7	202.1	214.2	221.5	227.9	236.7	246.7	261.4	281.5	310.4	343.5
15°	187.9	204.8	216.1	222.8	229.5	238.1	249.0	264.3	287.5	319.4	355.1
12.5°	189.8	207.3	217.6	223.9	230.5	239.2	251.5	269.0	294.6	328.4	367.8
10°	191.3	209.7	218.9	224.8	231.0	239.9	253.6	272.6	300.5	336.7	379.2
7.5°	192.6	211.6	219.9	225.4	231.1	240.3	255.3	275.2	304.8	343.5	388.7
5°	193.7	212.8	220.8	225.9	231.0	240.5	256.6	276.8	307.5	348.7	395.7
2.5°	194.3	213.6	221.5	226.1	230.8	240.4	257.6	279.5	310.8	352.6	400.0
0°	194.5	213.8	222.1	226.2	230.3	240.0	257.9	281.4	313.1	354.5	401.4
-2.5°	194.3	213.6	221.5	226.1	230.8	240.4	257.6	279.5	310.8	352.6	400.0
-5°	193.7	212.8	220.8	225.9	231.0	240.5	256.6	276.8	307.5	348.7	395.7
-7.5°	192.6	211.6	219.9	225.4	231.1	240.3	255.3	275.2	304.8	343.5	388.7
-10°	191.3	209.7	218.9	224.8	231.0	239.9	253.6	272.6	300.5	336.7	379.2
-12.5°	189.8	207.3	217.6	223.9	230.5	239.2	251.5	269.0	294.6	328.4	367.8
-15°	187.9	204.8	216.1	222.8	229.5	238.1	249.0	264.3	287.5	319.4	355.1
-17.5°	185.7	202.1	214.2	221.5	227.9	236.7	246.7	261.4	281.5	310.4	343.5
-20°	183.1	199.3	211.9	219.8	225.9	235.1	246.1	260.3	277.5	300.7	330.9



REPORT NUMBER: P558823 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-930-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°	180.1	196.6	208.9	217.4	224.3	233.1	244.5	258.3	273.9	289.8	317.2
-25°	176.6	192.9	205.3	214.4	222.1	230.4	241.5	255.5	270.7	283.4	303.0
-27.5°	172.5	188.8	201.5	211.2	219.3	227.0	237.8	251.4	263.4	275.1	289.2
-30°	168.2	183.7	197.3	207.3	215.6	223.6	233.3	243.7	254.8	265.8	278.6
-32.5°	163.1	178.2	191.7	202.4	211.4	219.4	227.7	236.8	246.2	255.7	266.7
-35°	157.5	172.2	185.5	197.2	206.8	214.7	222.6	230.3	238.2	246.5	255.5
-37.5°	151.4	165.9	179.1	191.0	200.7	209.8	217.5	224.5	231.4	238.0	245.7
-40°	145.1	159.4	172.2	183.8	194.9	204.2	212.0	219.1	225.2	231.2	236.9
-42.5°	138.5	152.2	164.9	176.7	188.0	197.9	206.3	213.2	219.4	224.7	229.9
-45°	131.7	144.9	157.4	169.2	180.7	190.9	199.5	206.9	212.9	218.3	223.1
-47.5°	124.6	137.2	149.3	161.4	172.6	183.0	192.3	199.6	206.3	211.6	216.3
-50°	117.1	129.0	141.2	152.8	164.0	174.4	183.8	191.7	198.4	204.4	209.4
-52.5°	109.1	120.5	132.3	143.8	154.6	164.9	174.2	182.3	189.4	196.0	201.3
-55°	100.9	111.8	123.0	134.1	144.7	154.6	163.5	171.6	179.4	185.8	191.9
-57.5°	92.6	102.9	113.4	123.9	134.0	143.7	152.0	160.1	167.4	174.3	180.7
-60°	84.2	93.8	103.4	113.1	122.8	131.7	140.0	147.5	154.7	161.6	167.6
-62.5°	75.6	84.5	93.3	102.0	110.9	119.4	127.0	134.3	141.3	147.5	153.4
-65°	66.9	75.0	83.1	90.9	98.5	106.3	113.6	120.5	126.8	132.6	138.0
-67.5°	58.0	65.2	72.5	79.8	86.6	93.2	99.9	106.3	112.2	117.3	122.1
-70°	49.4	55.3	61.6	68.0	74.2	79.9	85.5	91.2	96.9	101.8	106.1
-72.5°	40.9	46.1	51.1	56.0	61.3	66.4	71.1	75.5	80.1	84.7	89.0
-75°	33.3	36.8	41.0	45.2	49.3	53.2	57.1	61.0	64.8	68.4	71.8
-77.5°	26.4	29.1	31.9	34.8	37.8	41.0	44.2	47.3	50.1	52.9	55.6
-80°	19.6	21.4	23.4	25.5	27.6	29.7	31.9	34.0	35.9	37.8	39.7
-82.5°	13.5	14.8	16.1	17.2	18.2	19.2	20.1	21.4	23.2	24.9	26.3
-85°	7.7	8.3	9.2	10.1	10.9	11.6	12.3	12.9	13.7	14.5	15.4
-87.5°	3.8	4.1	4.5	4.8	5.1	5.3	5.6	5.9	6.1	6.4	6.6
-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: P558823 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	6.8	6.7	6.6	6.4	6.3	6.7	7.1	7.6	8.0	8.1	8.2
85°	16.2	16.7	17.2	17.7	18.1	18.6	19.1	19.5	19.9	20.4	21.0
82.5°	27.6	28.7	29.8	30.7	31.6	32.6	33.7	34.6	35.5	36.0	36.5
80°	41.5	43.4	45.1	46.6	47.9	49.6	51.1	52.5	53.8	54.7	55.3
77.5°	58.3	60.6	62.8	64.8	66.8	68.6	70.2	71.5	72.6	73.8	75.0
75°	75.0	78.1	81.1	83.7	86.1	88.1	90.0	91.8	93.3	94.7	95.9
72.5°	92.9	96.4	99.6	102.5	105.2	107.9	110.4	112.6	114.6	116.2	117.6
70°	110.1	113.9	117.7	121.3	124.6	127.6	130.3	132.7	134.8	136.6	138.1
67.5°	126.7	131.0	135.4	139.4	143.0	146.2	149.2	152.0	154.6	156.6	157.9
65°	143.1	148.0	152.7	156.8	160.5	163.8	167.2	170.2	172.7	174.6	175.8
62.5°	159.2	164.4	168.9	173.2	177.3	180.8	183.8	186.5	189.0	191.1	192.4
60°	173.4	178.9	183.3	187.4	191.1	194.6	197.5	200.3	203.0	205.4	207.1
57.5°	186.1	191.1	195.6	199.3	202.6	205.7	208.5	210.9	212.7	214.2	215.4
55°	197.1	201.6	205.8	209.4	212.3	214.8	216.9	218.6	219.9	220.8	221.5
52.5°	206.5	210.6	214.8	218.3	220.5	222.6	224.4	226.4	227.5	227.7	227.6
50°	214.0	218.4	222.2	225.3	228.4	231.8	235.5	237.3	238.0	237.5	236.9
47.5°	220.9	225.2	229.3	233.2	237.7	243.5	249.4	252.2	252.0	250.8	250.2
45°	227.7	232.4	237.2	243.1	249.4	257.0	263.9	268.2	268.3	268.4	269.4
42.5°	234.7	240.6	247.2	255.3	263.6	272.0	279.4	284.8	288.8	293.6	297.7
40°	243.5	250.1	259.9	269.9	280.6	289.6	301.0	310.8	318.8	326.1	331.7
37.5°	253.7	263.1	275.6	288.5	302.4	316.5	329.7	342.1	352.7	364.8	373.8
35°	266.0	279.4	294.6	310.7	328.0	345.8	362.9	382.7	400.1	415.6	428.3
32.5°	280.4	296.5	315.1	336.5	358.1	381.7	406.3	431.7	456.2	481.7	507.1
30°	294.8	316.1	339.8	365.8	391.2	422.0	454.0	495.6	539.1	588.8	665.1
27.5°	312.3	337.8	365.4	395.3	430.3	469.6	531.3	608.1	739.2	837.1	1100.2
25°	329.5	358.6	394.0	432.8	479.8	551.7	699.2	869.9	1250.0	1605.8	2016.9
22.5°	346.9	383.1	425.6	472.9	554.7	739.7	1020.7	1535.3	2122.4	2745.6	3380.3
20°	364.4	407.2	460.3	539.3	710.5	1027.1	1657.9	2484.7	3319.0	4338.1	5219.4
17.5°	384.2	437.1	506.6	625.4	907.5	1585.9	2518.8	3666.2	4957.2	6267.3	7367.5
15°	400.5	462.5	555.5	787.9	1320.4	2220.4	3441.2	4996.5	6756.8	8413.2	9826.1
12.5°	418.5	490.6	613.0	919.6	1701.3	2884.6	4493.5	6407.4	8519.2	10788.8	14382.3
10°	435.1	519.0	709.5	1193.2	2140.4	3555.7	5435.9	7592.3	10153.4	14697.6	23192.2
7.5°	449.1	541.5	782.0	1397.1	2537.8	4188.9	6204.1	8605.5	12456.0	20090.4	34384.9
5°	458.6	556.4	832.4	1549.7	2854.4	4656.0	6695.2	9272.7	14805.2	26682.5	43894.5
2.5°	465.3	564.5	859.3	1638.6	3054.7	4965.3	7043.2	9721.6	16382.4	30495.5	50661.5
0°	470.3	566.9	864.8	1715.8	3122.6	5070.0	7060.3	9842.2	16923.1	31984.3	53072.7
-2.5°	465.3	564.5	859.3	1638.6	3054.7	4965.3	7043.2	9721.6	16382.4	30495.5	50661.5
-5°	458.6	556.4	832.4	1549.7	2854.4	4656.0	6695.2	9272.7	14805.2	26682.5	43894.5
-7.5°	449.1	541.5	782.0	1397.1	2537.8	4188.9	6204.1	8605.5	12456.0	20090.4	34384.9
-10°	435.1	519.0	709.5	1193.2	2140.4	3555.7	5435.9	7592.3	10153.4	14697.6	23192.2
-12.5°	418.5	490.6	613.0	919.6	1701.3	2884.6	4493.5	6407.4	8519.2	10788.8	14382.3
-15°	400.5	462.5	555.5	787.9	1320.4	2220.4	3441.2	4996.5	6756.8	8413.2	9826.1
-17.5°	384.2	437.1	506.6	625.4	907.5	1585.9	2518.8	3666.2	4957.2	6267.3	7367.5
-20°	364.4	407.2	460.3	539.3	710.5	1027.1	1657.9	2484.7	3319.0	4338.1	5219.4



REPORT NUMBER: P558823 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-930-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	346.9	383.1	425.6	472.9	554.7	739.7	1020.7	1535.3	2122.4	2745.6	3380.3
-25°	329.5	358.6	394.0	432.8	479.8	551.7	699.2	869.9	1250.0	1605.8	2016.9
-27.5°	312.3	337.8	365.4	395.3	430.3	469.6	531.3	608.1	739.2	837.1	1100.2
-30°	294.8	316.1	339.8	365.8	391.2	422.0	454.0	495.6	539.1	588.8	665.1
-32.5°	280.4	296.5	315.1	336.5	358.1	381.7	406.3	431.7	456.2	481.7	507.1
-35°	266.0	279.4	294.6	310.7	328.0	345.8	362.9	382.7	400.1	415.6	428.3
-37.5°	253.7	263.1	275.6	288.5	302.4	316.5	329.7	342.1	352.7	364.8	373.8
-40°	243.5	250.1	259.9	269.9	280.6	289.6	301.0	310.8	318.8	326.1	331.7
-42.5°	234.7	240.6	247.2	255.3	263.6	272.0	279.4	284.8	288.8	293.6	297.7
-45°	227.7	232.4	237.2	243.1	249.4	257.0	263.9	268.2	268.3	268.4	269.4
-47.5°	220.9	225.2	229.3	233.2	237.7	243.5	249.4	252.2	252.0	250.8	250.2
-50°	214.0	218.4	222.2	225.3	228.4	231.8	235.5	237.3	238.0	237.5	236.9
-52.5°	206.5	210.6	214.8	218.3	220.5	222.6	224.4	226.4	227.5	227.7	227.6
-55°	197.1	201.6	205.8	209.4	212.3	214.8	216.9	218.6	219.9	220.8	221.5
-57.5°	186.1	191.1	195.6	199.3	202.6	205.7	208.5	210.9	212.7	214.2	215.4
-60°	173.4	178.9	183.3	187.4	191.1	194.6	197.5	200.3	203.0	205.4	207.1
-62.5°	159.2	164.4	168.9	173.2	177.3	180.8	183.8	186.5	189.0	191.1	192.4
-65°	143.1	148.0	152.7	156.8	160.5	163.8	167.2	170.2	172.7	174.6	175.8
-67.5°	126.7	131.0	135.4	139.4	143.0	146.2	149.2	152.0	154.6	156.6	157.9
-70°	110.1	113.9	117.7	121.3	124.6	127.6	130.3	132.7	134.8	136.6	138.1
-72.5°	92.9	96.4	99.6	102.5	105.2	107.9	110.4	112.6	114.6	116.2	117.6
-75°	75.0	78.1	81.1	83.7	86.1	88.1	90.0	91.8	93.3	94.7	95.9
-77.5°	58.3	60.6	62.8	64.8	66.8	68.6	70.2	71.5	72.6	73.8	75.0
-80°	41.5	43.4	45.1	46.6	47.9	49.6	51.1	52.5	53.8	54.7	55.3
-82.5°	27.6	28.7	29.8	30.7	31.6	32.6	33.7	34.6	35.5	36.0	36.5
-85°	16.2	16.7	17.2	17.7	18.1	18.6	19.1	19.5	19.9	20.4	21.0
-87.5°	6.8	6.7	6.6	6.4	6.3	6.7	7.1	7.6	8.0	8.1	8.2
-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: P558823 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-930-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°	8.2	8.3	8.3	8.3	8.3	8.3	8.2	8.2	8.1	8.0	7.6
85°	21.5	22.0	21.4	20.7	21.4	22.0	21.5	21.0	20.4	19.9	19.5
82.5°	36.8	37.0	37.2	37.2	37.2	37.0	36.8	36.5	36.0	35.5	34.6
80°	55.8	56.2	57.1	57.9	57.1	56.2	55.8	55.3	54.7	53.8	52.5
77.5°	76.0	76.8	77.1	77.2	77.1	76.8	76.0	75.0	73.8	72.6	71.5
75°	96.8	97.4	99.1	100.7	99.1	97.4	96.8	95.9	94.7	93.3	91.8
72.5°	118.6	119.4	120.5	121.4	120.5	119.4	118.6	117.6	116.2	114.6	112.6
70°	139.2	140.0	140.5	140.7	140.5	140.0	139.2	138.1	136.6	134.8	132.7
67.5°	158.8	159.4	159.2	158.6	159.2	159.4	158.8	157.9	156.6	154.6	152.0
65°	176.7	177.2	177.1	176.5	177.1	177.2	176.7	175.8	174.6	172.7	170.2
62.5°	193.3	193.8	194.3	194.5	194.3	193.8	193.3	192.4	191.1	189.0	186.5
60°	208.7	210.1	210.8	211.0	210.8	210.1	208.7	207.1	205.4	203.0	200.3
57.5°	216.5	217.4	217.8	217.9	217.8	217.4	216.5	215.4	214.2	212.7	210.9
55°	221.9	222.0	221.5	220.7	221.5	222.0	221.9	221.5	220.8	219.9	218.6
52.5°	227.2	226.4	226.1	226.2	226.1	226.4	227.2	227.6	227.7	227.5	226.4
50°	236.2	234.9	234.3	234.5	234.3	234.9	236.2	236.9	237.5	238.0	237.3
47.5°	251.0	251.5	252.0	252.4	252.0	251.5	251.0	250.2	250.8	252.0	252.2
45°	272.2	274.1	275.3	275.8	275.3	274.1	272.2	269.4	268.4	268.3	268.2
42.5°	301.9	304.2	305.1	304.8	305.1	304.2	301.9	297.7	293.6	288.8	284.8
40°	337.5	342.2	344.8	344.8	344.8	342.2	337.5	331.7	326.1	318.8	310.8
37.5°	382.0	388.2	391.3	390.3	391.3	388.2	382.0	373.8	364.8	352.7	342.1
35°	438.0	444.1	446.6	449.6	446.6	444.1	438.0	428.3	415.6	400.1	382.7
32.5°	527.2	539.7	544.7	537.9	544.7	539.7	527.2	507.1	481.7	456.2	431.7
30°	716.7	762.5	793.1	808.2	793.1	762.5	716.7	665.1	588.8	539.1	495.6
27.5°	1281.3	1401.2	1451.9	1479.9	1451.9	1401.2	1281.3	1100.2	837.1	739.2	608.1
25°	2368.9	2624.6	2771.8	2759.8	2771.8	2624.6	2368.9	2016.9	1605.8	1250.0	869.9
22.5°	3970.1	4373.6	4615.6	4704.6	4615.6	4373.6	3970.1	3380.3	2745.6	2122.4	1535.3
20°	5955.1	6407.6	6644.2	6679.6	6644.2	6407.6	5955.1	5219.4	4338.1	3319.0	2484.7
17.5°	8233.3	8662.2	8911.5	8908.4	8911.5	8662.2	8233.3	7367.5	6267.3	4957.2	3666.2
15°	11750.4	13410.8	14347.0	14210.2	14347.0	13410.8	11750.4	9826.1	8413.2	6756.8	4996.5
12.5°	19253.8	25885.4	29998.9	31014.7	29998.9	25885.4	19253.8	14382.3	10788.8	8519.2	6407.4
10°	34024.0	43945.3	51868.5	54158.2	51868.5	43945.3	34024.0	23192.2	14697.6	10153.4	7592.3
7.5°	48941.3	60716.3	65562.1	66125.1	65562.1	60716.3	48941.3	34384.9	20090.4	12456.0	8605.5
5°	60201.0	72182.4	73569.1	70085.5	73569.1	72182.4	60201.0	43894.5	26682.5	14805.2	9272.7
2.5°	67633.3	76685.4	77978.1	76103.1	77978.1	76685.4	67633.3	50661.5	30495.5	16382.4	9721.6
0°	69328.3	75488.0	77324.4	77525.1	77324.4	75488.0	69328.3	53072.7	31984.3	16923.1	9842.2
-2.5°	67633.3	76685.4	77978.1	76103.1	77978.1	76685.4	67633.3	50661.5	30495.5	16382.4	9721.6
-5°	60201.0	72182.4	73569.1	70085.5	73569.1	72182.4	60201.0	43894.5	26682.5	14805.2	9272.7
-7.5°	48941.3	60716.3	65562.1	66125.1	65562.1	60716.3	48941.3	34384.9	20090.4	12456.0	8605.5
-10°	34024.0	43945.3	51868.5	54158.2	51868.5	43945.3	34024.0	23192.2	14697.6	10153.4	7592.3
-12.5°	19253.8	25885.4	29998.9	31014.7	29998.9	25885.4	19253.8	14382.3	10788.8	8519.2	6407.4
-15°	11750.4	13410.8	14347.0	14210.2	14347.0	13410.8	11750.4	9826.1	8413.2	6756.8	4996.5
-17.5°	8233.3	8662.2	8911.5	8908.4	8911.5	8662.2	8233.3	7367.5	6267.3	4957.2	3666.2
-20°	5955.1	6407.6	6644.2	6679.6	6644.2	6407.6	5955.1	5219.4	4338.1	3319.0	2484.7



REPORT NUMBER: P558823 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3970.1	4373.6	4615.6	4704.6	4615.6	4373.6	3970.1	3380.3	2745.6	2122.4	1535.3
-25°	2368.9	2624.6	2771.8	2759.8	2771.8	2624.6	2368.9	2016.9	1605.8	1250.0	869.9
-27.5°	1281.3	1401.2	1451.9	1479.9	1451.9	1401.2	1281.3	1100.2	837.1	739.2	608.1
-30°	716.7	762.5	793.1	808.2	793.1	762.5	716.7	665.1	588.8	539.1	495.6
-32.5°	527.2	539.7	544.7	537.9	544.7	539.7	527.2	507.1	481.7	456.2	431.7
-35°	438.0	444.1	446.6	449.6	446.6	444.1	438.0	428.3	415.6	400.1	382.7
-37.5°	382.0	388.2	391.3	390.3	391.3	388.2	382.0	373.8	364.8	352.7	342.1
-40°	337.5	342.2	344.8	344.8	344.8	342.2	337.5	331.7	326.1	318.8	310.8
-42.5°	301.9	304.2	305.1	304.8	305.1	304.2	301.9	297.7	293.6	288.8	284.8
-45°	272.2	274.1	275.3	275.8	275.3	274.1	272.2	269.4	268.4	268.3	268.2
-47.5°	251.0	251.5	252.0	252.4	252.0	251.5	251.0	250.2	250.8	252.0	252.2
-50°	236.2	234.9	234.3	234.5	234.3	234.9	236.2	236.9	237.5	238.0	237.3
-52.5°	227.2	226.4	226.1	226.2	226.1	226.4	227.2	227.6	227.7	227.5	226.4
-55°	221.9	222.0	221.5	220.7	221.5	222.0	221.9	221.5	220.8	219.9	218.6
-57.5°	216.5	217.4	217.8	217.9	217.8	217.4	216.5	215.4	214.2	212.7	210.9
-60°	208.7	210.1	210.8	211.0	210.8	210.1	208.7	207.1	205.4	203.0	200.3
-62.5°	193.3	193.8	194.3	194.5	194.3	193.8	193.3	192.4	191.1	189.0	186.5
-65°	176.7	177.2	177.1	176.5	177.1	177.2	176.7	175.8	174.6	172.7	170.2
-67.5°	158.8	159.4	159.2	158.6	159.2	159.4	158.8	157.9	156.6	154.6	152.0
-70°	139.2	140.0	140.5	140.7	140.5	140.0	139.2	138.1	136.6	134.8	132.7
-72.5°	118.6	119.4	120.5	121.4	120.5	119.4	118.6	117.6	116.2	114.6	112.6
-75°	96.8	97.4	99.1	100.7	99.1	97.4	96.8	95.9	94.7	93.3	91.8
-77.5°	76.0	76.8	77.1	77.2	77.1	76.8	76.0	75.0	73.8	72.6	71.5
-80°	55.8	56.2	57.1	57.9	57.1	56.2	55.8	55.3	54.7	53.8	52.5
-82.5°	36.8	37.0	37.2	37.2	37.2	37.0	36.8	36.5	36.0	35.5	34.6
-85°	21.5	22.0	21.4	20.7	21.4	22.0	21.5	21.0	20.4	19.9	19.5
-87.5°	8.2	8.3	8.3	8.3	8.3	8.3	8.2	8.2	8.1	8.0	7.6
-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: P558823 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-930-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°	7.1	6.7	6.3	6.4	6.6	6.7	6.8	6.6	6.4	6.1	5.9
85°	19.1	18.6	18.1	17.7	17.2	16.7	16.2	15.4	14.5	13.7	12.9
82.5°	33.7	32.6	31.6	30.7	29.8	28.7	27.6	26.3	24.9	23.2	21.4
80°	51.1	49.6	47.9	46.6	45.1	43.4	41.5	39.7	37.8	35.9	34.0
77.5°	70.2	68.6	66.8	64.8	62.8	60.6	58.3	55.6	52.9	50.1	47.3
75°	90.0	88.1	86.1	83.7	81.1	78.1	75.0	71.8	68.4	64.8	61.0
72.5°	110.4	107.9	105.2	102.5	99.6	96.4	92.9	89.0	84.7	80.1	75.5
70°	130.3	127.6	124.6	121.3	117.7	113.9	110.1	106.1	101.8	96.9	91.2
67.5°	149.2	146.2	143.0	139.4	135.4	131.0	126.7	122.1	117.3	112.2	106.3
65°	167.2	163.8	160.5	156.8	152.7	148.0	143.1	138.0	132.6	126.8	120.5
62.5°	183.8	180.8	177.3	173.2	168.9	164.4	159.2	153.4	147.5	141.3	134.3
60°	197.5	194.6	191.1	187.4	183.3	178.9	173.4	167.6	161.6	154.7	147.5
57.5°	208.5	205.7	202.6	199.3	195.6	191.1	186.1	180.7	174.3	167.4	160.1
55°	216.9	214.8	212.3	209.4	205.8	201.6	197.1	191.9	185.8	179.4	171.6
52.5°	224.4	222.6	220.5	218.3	214.8	210.6	206.5	201.3	196.0	189.4	182.3
50°	235.5	231.8	228.4	225.3	222.2	218.4	214.0	209.4	204.4	198.4	191.7
47.5°	249.4	243.5	237.7	233.2	229.3	225.2	220.9	216.3	211.6	206.3	199.6
45°	263.9	257.0	249.4	243.1	237.2	232.4	227.7	223.1	218.3	212.9	206.9
42.5°	279.4	272.0	263.6	255.3	247.2	240.6	234.7	229.9	224.7	219.4	213.2
40°	301.0	289.6	280.6	269.9	259.9	250.1	243.5	236.9	231.2	225.2	219.1
37.5°	329.7	316.5	302.4	288.5	275.6	263.1	253.7	245.7	238.0	231.4	224.5
35°	362.9	345.8	328.0	310.7	294.6	279.4	266.0	255.5	246.5	238.2	230.3
32.5°	406.3	381.7	358.1	336.5	315.1	296.5	280.4	266.7	255.7	246.2	236.8
30°	454.0	422.0	391.2	365.8	339.8	316.1	294.8	278.6	265.8	254.8	243.7
27.5°	531.3	469.6	430.3	395.3	365.4	337.8	312.3	289.2	275.1	263.4	251.4
25°	699.2	551.7	479.8	432.8	394.0	358.6	329.5	303.0	283.4	270.7	255.5
22.5°	1020.7	739.7	554.7	472.9	425.6	383.1	346.9	317.2	289.8	273.9	258.3
20°	1657.9	1027.1	710.5	539.3	460.3	407.2	364.4	330.9	300.7	277.5	260.3
17.5°	2518.8	1585.9	907.5	625.4	506.6	437.1	384.2	343.5	310.4	281.5	261.4
15°	3441.2	2220.4	1320.4	787.9	555.5	462.5	400.5	355.1	319.4	287.5	264.3
12.5°	4493.5	2884.6	1701.3	919.6	613.0	490.6	418.5	367.8	328.4	294.6	269.0
10°	5435.9	3555.7	2140.4	1193.2	709.5	519.0	435.1	379.2	336.7	300.5	272.6
7.5°	6204.1	4188.9	2537.8	1397.1	782.0	541.5	449.1	388.7	343.5	304.8	275.2
5°	6695.2	4656.0	2854.4	1549.7	832.4	556.4	458.6	395.7	348.7	307.5	276.8
2.5°	7043.2	4965.3	3054.7	1638.6	859.3	564.5	465.3	400.0	352.6	310.8	279.5
0°	7060.3	5070.0	3122.6	1715.8	864.8	566.9	470.3	401.4	354.5	313.1	281.4
-2.5°	7043.2	4965.3	3054.7	1638.6	859.3	564.5	465.3	400.0	352.6	310.8	279.5
-5°	6695.2	4656.0	2854.4	1549.7	832.4	556.4	458.6	395.7	348.7	307.5	276.8
-7.5°	6204.1	4188.9	2537.8	1397.1	782.0	541.5	449.1	388.7	343.5	304.8	275.2
-10°	5435.9	3555.7	2140.4	1193.2	709.5	519.0	435.1	379.2	336.7	300.5	272.6
-12.5°	4493.5	2884.6	1701.3	919.6	613.0	490.6	418.5	367.8	328.4	294.6	269.0
-15°	3441.2	2220.4	1320.4	787.9	555.5	462.5	400.5	355.1	319.4	287.5	264.3
-17.5°	2518.8	1585.9	907.5	625.4	506.6	437.1	384.2	343.5	310.4	281.5	261.4
-20°	1657.9	1027.1	710.5	539.3	460.3	407.2	364.4	330.9	300.7	277.5	260.3



REPORT NUMBER: P558823 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-930-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1020.7	739.7	554.7	472.9	425.6	383.1	346.9	317.2	289.8	273.9	258.3
-25°	699.2	551.7	479.8	432.8	394.0	358.6	329.5	303.0	283.4	270.7	255.5
-27.5°	531.3	469.6	430.3	395.3	365.4	337.8	312.3	289.2	275.1	263.4	251.4
-30°	454.0	422.0	391.2	365.8	339.8	316.1	294.8	278.6	265.8	254.8	243.7
-32.5°	406.3	381.7	358.1	336.5	315.1	296.5	280.4	266.7	255.7	246.2	236.8
-35°	362.9	345.8	328.0	310.7	294.6	279.4	266.0	255.5	246.5	238.2	230.3
-37.5°	329.7	316.5	302.4	288.5	275.6	263.1	253.7	245.7	238.0	231.4	224.5
-40°	301.0	289.6	280.6	269.9	259.9	250.1	243.5	236.9	231.2	225.2	219.1
-42.5°	279.4	272.0	263.6	255.3	247.2	240.6	234.7	229.9	224.7	219.4	213.2
-45°	263.9	257.0	249.4	243.1	237.2	232.4	227.7	223.1	218.3	212.9	206.9
-47.5°	249.4	243.5	237.7	233.2	229.3	225.2	220.9	216.3	211.6	206.3	199.6
-50°	235.5	231.8	228.4	225.3	222.2	218.4	214.0	209.4	204.4	198.4	191.7
-52.5°	224.4	222.6	220.5	218.3	214.8	210.6	206.5	201.3	196.0	189.4	182.3
-55°	216.9	214.8	212.3	209.4	205.8	201.6	197.1	191.9	185.8	179.4	171.6
-57.5°	208.5	205.7	202.6	199.3	195.6	191.1	186.1	180.7	174.3	167.4	160.1
-60°	197.5	194.6	191.1	187.4	183.3	178.9	173.4	167.6	161.6	154.7	147.5
-62.5°	183.8	180.8	177.3	173.2	168.9	164.4	159.2	153.4	147.5	141.3	134.3
-65°	167.2	163.8	160.5	156.8	152.7	148.0	143.1	138.0	132.6	126.8	120.5
-67.5°	149.2	146.2	143.0	139.4	135.4	131.0	126.7	122.1	117.3	112.2	106.3
-70°	130.3	127.6	124.6	121.3	117.7	113.9	110.1	106.1	101.8	96.9	91.2
-72.5°	110.4	107.9	105.2	102.5	99.6	96.4	92.9	89.0	84.7	80.1	75.5
-75°	90.0	88.1	86.1	83.7	81.1	78.1	75.0	71.8	68.4	64.8	61.0
-77.5°	70.2	68.6	66.8	64.8	62.8	60.6	58.3	55.6	52.9	50.1	47.3
-80°	51.1	49.6	47.9	46.6	45.1	43.4	41.5	39.7	37.8	35.9	34.0
-82.5°	33.7	32.6	31.6	30.7	29.8	28.7	27.6	26.3	24.9	23.2	21.4
-85°	19.1	18.6	18.1	17.7	17.2	16.7	16.2	15.4	14.5	13.7	12.9
-87.5°	7.1	6.7	6.3	6.4	6.6	6.7	6.8	6.6	6.4	6.1	5.9
-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: P558823 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-930-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°	5.6	5.3	5.1	4.8	4.5	4.1	3.8	3.5	3.2	2.8	2.5
85°	12.3	11.6	10.9	10.1	9.2	8.3	7.7	7.0	6.3	5.7	5.0
82.5°	20.1	19.2	18.2	17.2	16.1	14.8	13.5	11.9	10.3	8.6	7.5
80°	31.9	29.7	27.6	25.5	23.4	21.4	19.6	17.7	15.3	13.0	10.8
77.5°	44.2	41.0	37.8	34.8	31.9	29.1	26.4	23.5	20.4	17.4	14.6
75°	57.1	53.2	49.3	45.2	41.0	36.8	33.3	29.8	25.9	21.8	18.3
72.5°	71.1	66.4	61.3	56.0	51.1	46.1	40.9	36.0	31.6	27.0	22.2
70°	85.5	79.9	74.2	68.0	61.6	55.3	49.4	43.5	37.4	32.2	26.8
67.5°	99.9	93.2	86.6	79.8	72.5	65.2	58.0	51.2	44.3	37.4	31.4
65°	113.6	106.3	98.5	90.9	83.1	75.0	66.9	58.9	51.2	43.5	35.9
62.5°	127.0	119.4	110.9	102.0	93.3	84.5	75.6	66.9	58.0	49.4	40.9
60°	140.0	131.7	122.8	113.1	103.4	93.8	84.2	74.7	65.0	55.3	46.1
57.5°	152.0	143.7	134.0	123.9	113.4	102.9	92.6	82.4	71.9	61.4	51.1
55°	163.5	154.6	144.7	134.1	123.0	111.8	100.9	89.9	78.7	67.4	56.0
52.5°	174.2	164.9	154.6	143.8	132.3	120.5	109.1	97.1	85.2	73.2	61.1
50°	183.8	174.4	164.0	152.8	141.2	129.0	117.1	104.4	91.6	78.9	66.1
47.5°	192.3	183.0	172.6	161.4	149.3	137.2	124.6	111.6	97.8	84.3	70.9
45°	199.5	190.9	180.7	169.2	157.4	144.9	131.7	118.6	104.0	89.7	75.7
42.5°	206.3	197.9	188.0	176.7	164.9	152.2	138.5	124.8	110.1	94.8	80.2
40°	212.0	204.2	194.9	183.8	172.2	159.4	145.1	130.6	116.0	99.8	84.5
37.5°	217.5	209.8	200.7	191.0	179.1	165.9	151.4	136.1	121.3	104.7	88.6
35°	222.6	214.7	206.8	197.2	185.5	172.2	157.5	141.4	125.9	109.3	92.4
32.5°	227.7	219.4	211.4	202.4	191.7	178.2	163.1	146.5	130.3	113.7	96.1
30°	233.3	223.6	215.6	207.3	197.3	183.7	168.2	151.2	134.3	117.7	99.6
27.5°	237.8	227.0	219.3	211.2	201.5	188.8	172.5	155.3	138.1	121.2	102.8
25°	241.5	230.4	222.1	214.4	205.3	192.9	176.6	159.1	141.6	124.3	105.8
22.5°	244.5	233.1	224.3	217.4	208.9	196.6	180.1	162.4	144.7	127.1	108.5
20°	246.1	235.1	225.9	219.8	211.9	199.3	183.1	165.3	147.4	129.6	110.9
17.5°	246.7	236.7	227.9	221.5	214.2	202.1	185.7	167.8	149.7	131.9	113.1
15°	249.0	238.1	229.5	222.8	216.1	204.8	187.9	170.0	151.6	133.8	114.9
12.5°	251.5	239.2	230.5	223.9	217.6	207.3	189.8	171.8	153.2	135.5	116.5
10°	253.6	239.9	231.0	224.8	218.9	209.7	191.3	173.3	154.8	136.9	117.7
7.5°	255.3	240.3	231.1	225.4	219.9	211.6	192.6	174.4	156.2	137.9	118.7
5°	256.6	240.5	231.0	225.9	220.8	212.8	193.7	175.1	157.3	138.7	119.4
2.5°	257.6	240.4	230.8	226.1	221.5	213.6	194.3	175.3	158.1	139.1	119.9
0°	257.9	240.0	230.3	226.2	222.1	213.8	194.5	175.2	158.6	139.3	120.0
-2.5°	257.6	240.5	231.0	225.9	220.8	212.8	193.7	175.1	157.3	138.7	119.4
-5°	256.6	240.5	231.0	225.9	220.8	212.8	193.7	175.1	157.3	138.7	119.4
-7.5°	255.3	240.3	231.1	225.4	219.9	211.6	192.6	174.4	156.2	137.9	118.7
-10°	253.6	239.9	231.0	224.8	218.9	209.7	191.3	173.3	154.8	136.9	117.7
-12.5°	251.5	239.2	230.5	223.9	217.6	207.3	189.8	171.8	153.2	135.5	116.5
-15°	249.0	238.1	229.5	222.8	216.1	204.8	187.9	170.0	151.6	133.8	114.9
-17.5°	246.7	236.7	227.9	221.5	214.2	202.1	185.7	167.8	149.7	131.9	113.1
-20°	246.1	235.1	225.9	219.8	211.9	199.3	183.1	165.3	147.4	129.6	110.9



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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°	244.5	233.1	224.3	217.4	208.9	196.6	180.1	162.4	144.7	127.1	108.5
-25°	241.5	230.4	222.1	214.4	205.3	192.9	176.6	159.1	141.6	124.3	105.8
-27.5°	237.8	227.0	219.3	211.2	201.5	188.8	172.5	155.3	138.1	121.2	102.8
-30°	233.3	223.6	215.6	207.3	197.3	183.7	168.2	151.2	134.3	117.7	99.6
-32.5°	227.7	219.4	211.4	202.4	191.7	178.2	163.1	146.5	130.3	113.7	96.1
-35°	222.6	214.7	206.8	197.2	185.5	172.2	157.5	141.4	125.9	109.3	92.4
-37.5°	217.5	209.8	200.7	191.0	179.1	165.9	151.4	136.1	121.3	104.7	88.6
-40°	212.0	204.2	194.9	183.8	172.2	159.4	145.1	130.6	116.0	99.8	84.5
-42.5°	206.3	197.9	188.0	176.7	164.9	152.2	138.5	124.8	110.1	94.8	80.2
-45°	199.5	190.9	180.7	169.2	157.4	144.9	131.7	118.6	104.0	89.7	75.7
-47.5°	192.3	183.0	172.6	161.4	149.3	137.2	124.6	111.6	97.8	84.3	70.9
-50°	183.8	174.4	164.0	152.8	141.2	129.0	117.1	104.4	91.6	78.9	66.1
-52.5°	174.2	164.9	154.6	143.8	132.3	120.5	109.1	97.1	85.2	73.2	61.1
-55°	163.5	154.6	144.7	134.1	123.0	111.8	100.9	89.9	78.7	67.4	56.0
-57.5°	152.0	143.7	134.0	123.9	113.4	102.9	92.6	82.4	71.9	61.4	51.1
-60°	140.0	131.7	122.8	113.1	103.4	93.8	84.2	74.7	65.0	55.3	46.1
-62.5°	127.0	119.4	110.9	102.0	93.3	84.5	75.6	66.9	58.0	49.4	40.9
-65°	113.6	106.3	98.5	90.9	83.1	75.0	66.9	58.9	51.2	43.5	35.9
-67.5°	99.9	93.2	86.6	79.8	72.5	65.2	58.0	51.2	44.3	37.4	31.4
-70°	85.5	79.9	74.2	68.0	61.6	55.3	49.4	43.5	37.4	32.2	26.8
-72.5°	71.1	66.4	61.3	56.0	51.1	46.1	40.9	36.0	31.6	27.0	22.2
-75°	57.1	53.2	49.3	45.2	41.0	36.8	33.3	29.8	25.9	21.8	18.3
-77.5°	44.2	41.0	37.8	34.8	31.9	29.1	26.4	23.5	20.4	17.4	14.6
-80°	31.9	29.7	27.6	25.5	23.4	21.4	19.6	17.7	15.3	13.0	10.8
-82.5°	20.1	19.2	18.2	17.2	16.1	14.8	13.5	11.9	10.3	8.6	7.5
-85°	12.3	11.6	10.9	10.1	9.2	8.3	7.7	7.0	6.3	5.7	5.0
-87.5°	5.6	5.3	5.1	4.8	4.5	4.1	3.8	3.5	3.2	2.8	2.5
-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):**

	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°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
85°	4.3	3.6	2.9	2.2	1.4	0.7	0.0
82.5°	6.4	5.4	4.3	3.2	2.2	1.1	0.0
80°	8.7	7.2	5.7	4.3	2.9	1.4	0.0
77.5°	11.8	9.2	7.2	5.4	3.6	1.8	0.0
75°	15.0	11.9	8.7	6.4	4.3	2.1	0.0
72.5°	18.1	14.6	10.9	7.5	5.0	2.5	0.0
70°	21.3	17.3	13.1	8.6	5.7	2.8	0.0
67.5°	25.3	19.9	15.2	10.3	6.3	3.2	0.0
65°	29.2	22.8	17.3	11.9	7.0	3.5	0.0
62.5°	33.1	25.9	19.4	13.5	7.7	3.8	0.0
60°	36.8	29.0	21.5	15.1	8.3	4.1	0.0
57.5°	41.0	32.0	23.8	16.6	9.3	4.5	0.0
55°	45.2	34.9	26.1	18.1	10.3	4.8	0.0
52.5°	49.3	37.8	28.3	19.5	11.3	5.1	0.0
50°	53.2	41.0	30.4	21.0	12.2	5.3	0.0
47.5°	57.1	44.2	32.5	22.4	13.1	5.6	0.0
45°	61.1	47.3	34.4	23.8	14.0	5.9	0.0
42.5°	65.1	50.2	36.3	25.2	14.8	6.1	0.0
40°	68.8	53.0	38.3	26.6	15.6	6.4	0.0
37.5°	72.4	55.6	40.4	27.8	16.4	6.6	0.0
35°	75.8	58.4	42.4	29.0	17.1	6.8	0.0
32.5°	79.1	61.0	44.3	30.1	17.8	7.0	0.0
30°	82.0	63.5	46.1	31.1	18.4	7.2	0.0
27.5°	84.7	65.9	47.8	32.1	19.0	7.4	0.0
25°	87.2	68.1	49.3	32.9	19.5	7.5	0.0
22.5°	89.5	70.1	50.8	33.7	20.0	7.7	0.0
20°	91.6	71.9	52.1	34.5	20.4	7.8	0.0
17.5°	93.4	73.5	53.3	35.1	20.8	7.9	0.0
15°	95.0	74.9	54.4	35.6	21.2	8.0	0.0
12.5°	96.3	76.0	55.4	36.1	21.4	8.1	0.0
10°	97.4	77.0	56.2	36.5	21.7	8.2	0.0
7.5°	98.2	77.7	56.8	36.8	21.9	8.2	0.0
5°	98.8	78.2	57.3	37.0	22.0	8.3	0.0
2.5°	99.2	78.5	57.7	37.2	22.1	8.3	0.0
0°	99.3	78.6	57.9	37.2	22.1	8.3	0.0
-2.5°	99.2	78.5	57.7	37.2	22.1	8.3	0.0
-5°	98.8	78.2	57.3	37.0	22.0	8.3	0.0
-7.5°	98.2	77.7	56.8	36.8	21.9	8.2	0.0
-10°	97.4	77.0	56.2	36.5	21.7	8.2	0.0
-12.5°	96.3	76.0	55.4	36.1	21.4	8.1	0.0
-15°	95.0	74.9	54.4	35.6	21.2	8.0	0.0
-17.5°	93.4	73.5	53.3	35.1	20.8	7.9	0.0
-20°	91.6	71.9	52.1	34.5	20.4	7.8	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	89.5	70.1	50.8	33.7	20.0	7.7	0.0
-25°	87.2	68.1	49.3	32.9	19.5	7.5	0.0
-27.5°	84.7	65.9	47.8	32.1	19.0	7.4	0.0
-30°	82.0	63.5	46.1	31.1	18.4	7.2	0.0
-32.5°	79.1	61.0	44.3	30.1	17.8	7.0	0.0
-35°	75.8	58.4	42.4	29.0	17.1	6.8	0.0
-37.5°	72.4	55.6	40.4	27.8	16.4	6.6	0.0
-40°	68.8	53.0	38.3	26.6	15.6	6.4	0.0
-42.5°	65.1	50.2	36.3	25.2	14.8	6.1	0.0
-45°	61.1	47.3	34.4	23.8	14.0	5.9	0.0
-47.5°	57.1	44.2	32.5	22.4	13.1	5.6	0.0
-50°	53.2	41.0	30.4	21.0	12.2	5.3	0.0
-52.5°	49.3	37.8	28.3	19.5	11.3	5.1	0.0
-55°	45.2	34.9	26.1	18.1	10.3	4.8	0.0
-57.5°	41.0	32.0	23.8	16.6	9.3	4.5	0.0
-60°	36.8	29.0	21.5	15.1	8.3	4.1	0.0
-62.5°	33.1	25.9	19.4	13.5	7.7	3.8	0.0
-65°	29.2	22.8	17.3	11.9	7.0	3.5	0.0
-67.5°	25.3	19.9	15.2	10.3	6.3	3.2	0.0
-70°	21.3	17.3	13.1	8.6	5.7	2.8	0.0
-72.5°	18.1	14.6	10.9	7.5	5.0	2.5	0.0
-75°	15.0	11.9	8.7	6.4	4.3	2.1	0.0
-77.5°	11.8	9.2	7.2	5.4	3.6	1.8	0.0
-80°	8.7	7.2	5.7	4.3	2.9	1.4	0.0
-82.5°	6.4	5.4	4.3	3.2	2.2	1.1	0.0
-85°	4.3	3.6	2.9	2.2	1.4	0.7	0.0
-87.5°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)