

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: P558843 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-940-U-WR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558843 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA3D-940-U-WR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6  
Light Source: (48) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

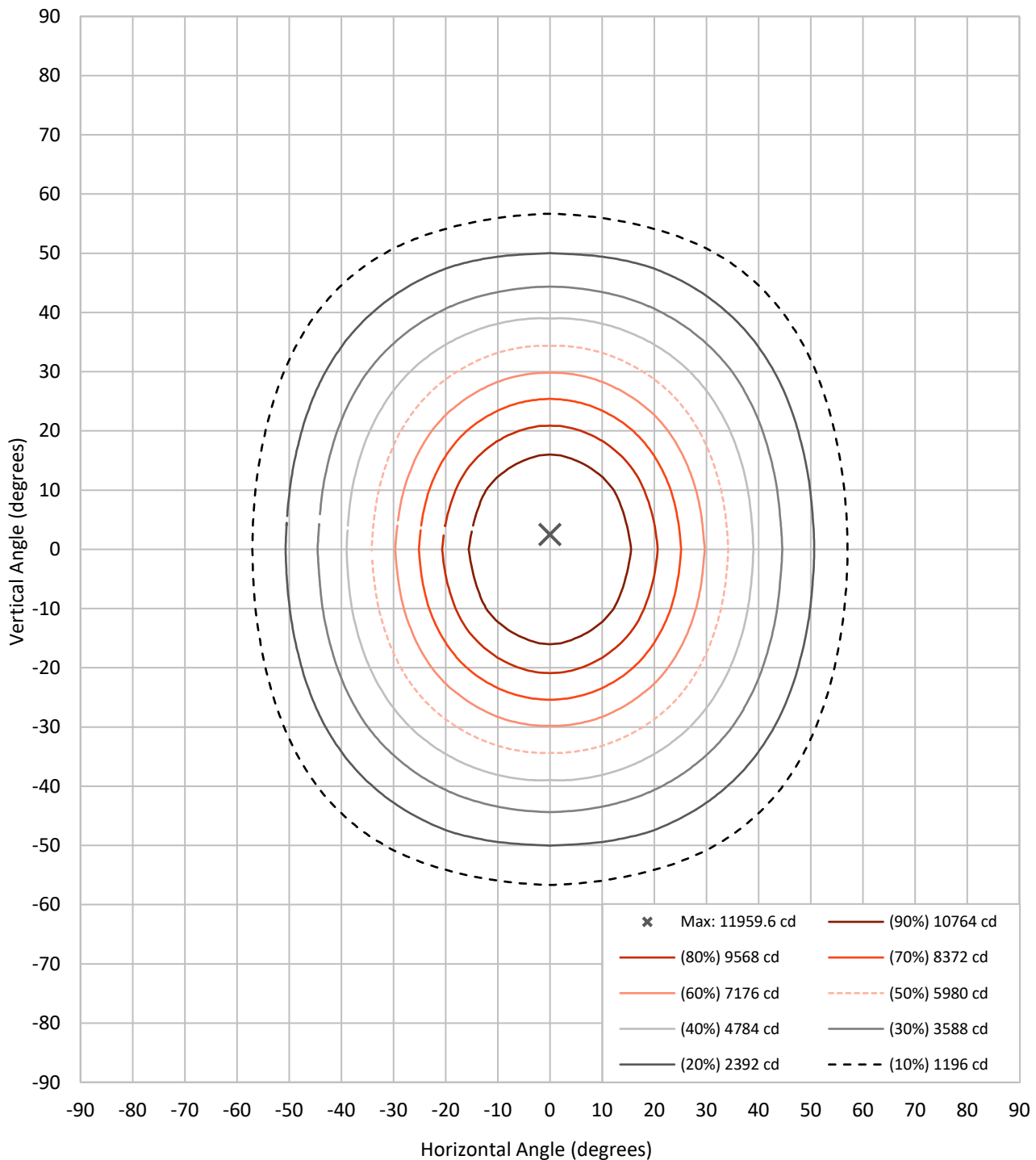
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	16186.3 lumens	Max Intensity:	11959.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	102.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	9704.8 lumens	Field Lumens:	15462.2 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

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





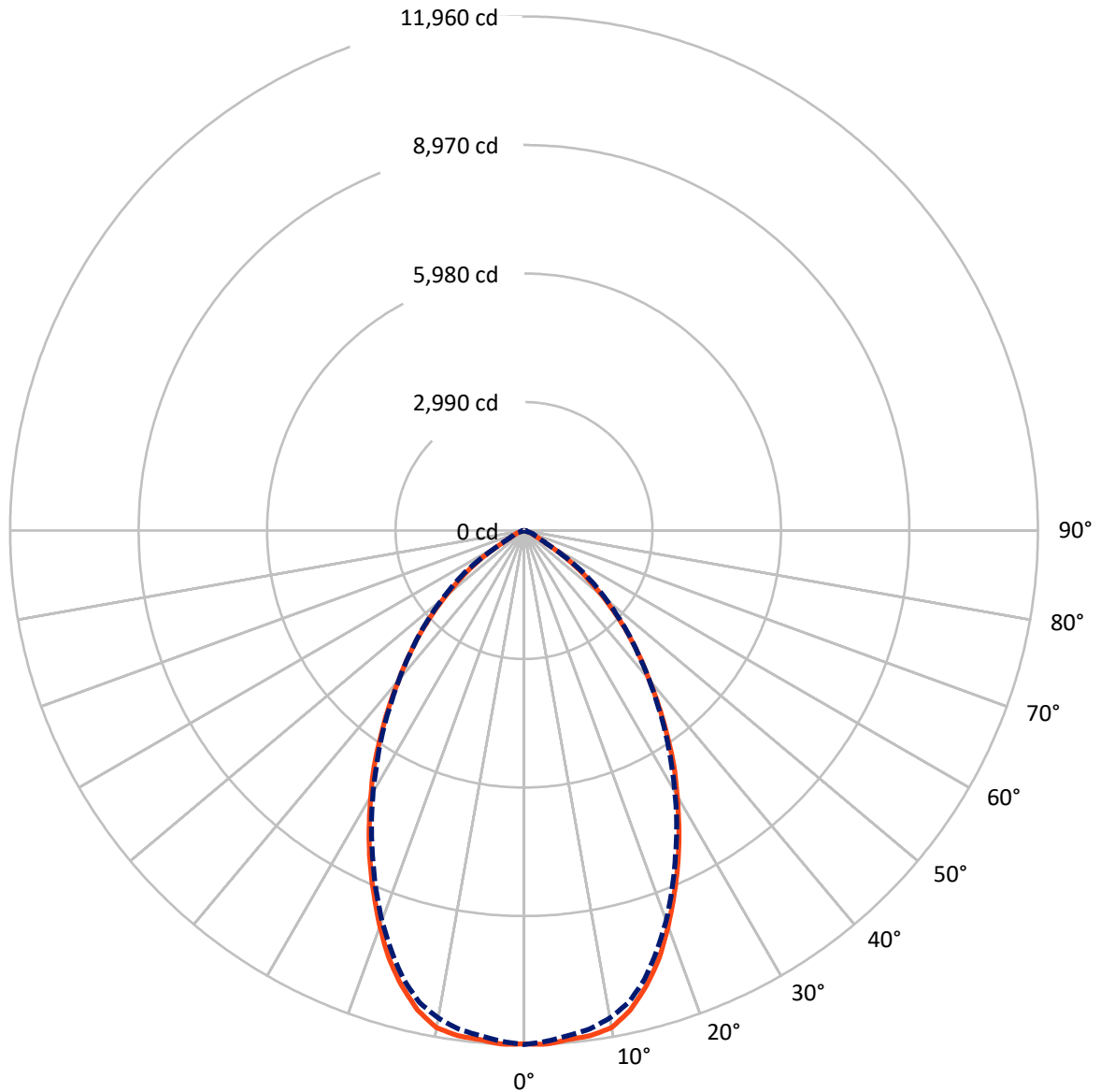
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### Lumen Table

90																
80	0.1	1.6		3.9		6.8		4.8		6.8		3.9		1.6		0.1
70																
60	0.7	1.1	2.2	3.4	5.0	6.5	8.0	9.0	9.0	8.0	6.5	5.0	3.4	2.2	1.1	0.7
50		1.8	3.6	6.5	12.6	24.3	36.5	43.7	43.7	36.5	24.3	12.6	6.5	3.6	1.8	
40	1.3	2.3	5.3	15.5	40.8	67.8	90.2	102.9	102.9	90.2	67.8	40.8	15.5	5.3	2.3	1.3
30		2.9	9.1	35.7	73.3	114.4	151.5	173.8	173.8	151.5	114.4	73.3	35.7	9.1	2.9	
20	1.4	3.5	16.6	54.0	103.9	162.6	217.4	251.8	251.8	217.4	162.6	103.9	54.0	16.6	3.5	1.4
10		4.1	23.7	67.3	128.1	203.2	276.8	323.3	323.3	276.8	203.2	128.1	67.3	23.7	4.1	
0	1.4	4.5	27.6	74.4	141.7	227.1	310.9	355.4	355.4	310.9	227.1	141.7	74.4	27.6	4.5	1.4
-10		4.5	27.6	74.4	141.7	227.1	310.9	355.4	355.4	310.9	227.1	141.7	74.4	27.6	4.5	
-20	1.4	4.1	23.7	67.3	128.1	203.2	276.8	323.3	323.3	276.8	203.2	128.1	67.3	23.7	4.1	1.4
-30		3.5	16.6	54.0	103.9	162.6	217.4	251.8	251.8	217.4	162.6	103.9	54.0	16.6	3.5	
-40	1.3	2.9	9.1	35.7	73.3	114.4	151.5	173.8	173.8	151.5	114.4	73.3	35.7	9.1	2.9	1.3
-50		2.3	5.3	15.5	40.8	67.8	90.2	102.9	102.9	90.2	67.8	40.8	15.5	5.3	2.3	
-60	0.7	1.8	3.6	6.5	12.6	24.3	36.5	43.7	43.7	36.5	24.3	12.6	6.5	3.6	1.8	0.7
-70		1.1	2.2	3.4	5.0	6.5	8.0	9.0	9.0	8.0	6.5	5.0	3.4	2.2	1.1	
-80																
-90	0.1	1.6		3.9		6.8		4.8		6.8		3.9		1.6		0.1

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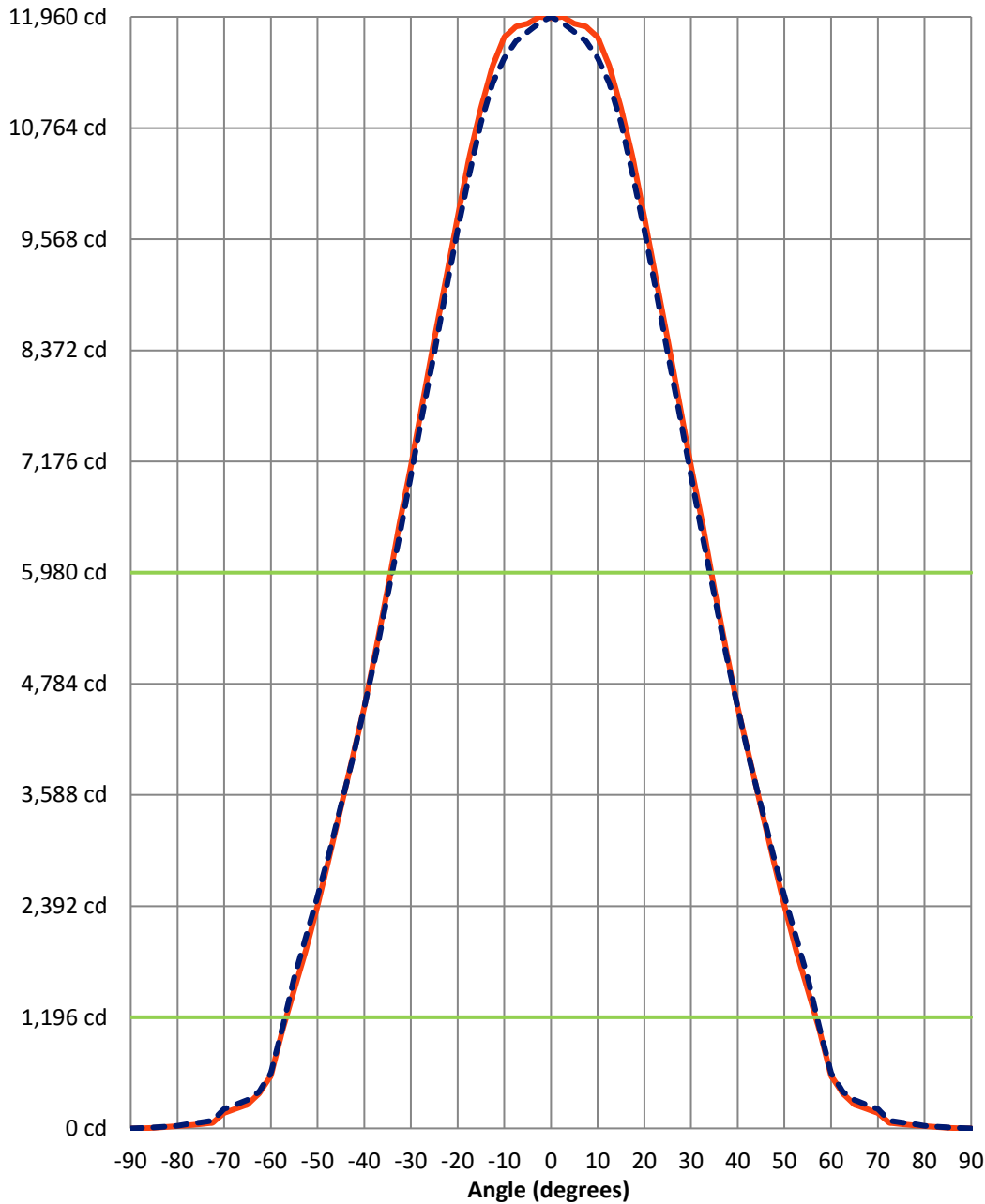
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 2.5-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 68°  
 V Angle: 68.7°  
 Lumens: 9704.8  
 Efficiency: 60.0%

**Field:**  
 H Angle: 114°  
 V Angle: 113.4°  
 Lumens: 15462.2  
 Efficiency: 95.5%

**Spill:**  
 Lumens: 724  
 Efficiency: 4.5%

- Vertical Distribution through 0-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	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	1.9
85°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.5	3.9
82.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.1	4.9	6.8	8.7
80°	0.0	0.8	1.6	2.4	3.2	4.0	5.0	7.4	9.9	12.4	15.1
77.5°	0.0	1.0	2.0	3.0	4.0	5.5	8.5	11.6	14.7	18.0	22.5
75°	0.0	1.2	2.4	3.6	4.9	7.9	11.8	15.7	19.9	26.6	33.2
72.5°	0.0	1.4	2.8	4.1	6.5	10.3	15.0	20.6	28.5	36.3	43.9
70°	0.0	1.6	3.1	4.8	8.1	12.5	18.5	28.1	37.0	45.8	58.4
67.5°	0.0	1.8	3.5	5.7	9.5	14.7	24.2	35.4	45.4	58.6	73.4
65°	0.0	1.9	3.9	6.6	11.0	17.6	29.5	42.7	55.7	70.9	87.7
62.5°	0.0	2.1	4.2	7.5	12.3	21.0	34.4	50.4	65.5	82.9	101.3
60°	0.0	2.3	4.6	8.2	13.5	24.2	38.9	58.2	74.9	95.9	115.0
57.5°	0.0	2.5	5.1	9.0	15.4	27.1	43.5	65.1	86.3	108.9	126.5
55°	0.0	2.6	5.5	9.7	17.1	29.7	47.5	70.6	98.3	121.1	136.8
52.5°	0.0	2.8	5.9	10.3	18.7	32.0	51.0	78.6	110.2	130.7	147.2
50°	0.0	3.0	6.4	10.9	20.0	34.1	53.9	86.0	121.0	140.2	158.1
47.5°	0.0	3.1	6.8	11.4	21.0	35.8	56.6	92.6	129.5	149.6	168.4
45°	0.0	3.3	7.2	12.0	21.9	37.0	61.2	98.1	133.2	158.1	178.0
42.5°	0.0	3.4	7.5	12.5	22.5	37.9	65.0	101.1	135.6	166.0	188.5
40°	0.0	3.5	7.9	13.0	22.9	38.3	68.0	102.3	137.0	172.6	199.0
37.5°	0.0	3.6	8.2	13.7	23.0	38.3	70.3	102.6	138.4	175.5	209.2
35°	0.0	3.8	8.6	14.3	23.0	39.2	71.8	102.1	139.9	182.0	219.3
32.5°	0.0	3.9	8.9	14.8	22.6	40.2	72.1	100.7	141.3	190.2	229.4
30°	0.0	4.0	9.1	15.3	22.1	40.8	70.8	99.2	142.6	199.9	238.9
27.5°	0.0	4.1	9.4	15.8	22.7	40.8	68.8	99.5	146.1	211.1	247.8
25°	0.0	4.2	9.6	16.3	23.3	40.3	66.3	99.6	153.7	220.0	256.3
22.5°	0.0	4.2	9.9	16.7	24.0	40.3	63.3	99.3	161.7	226.7	267.1
20°	0.0	4.3	10.1	17.0	24.6	42.2	59.8	98.8	169.9	232.9	276.7
17.5°	0.0	4.4	10.2	17.3	25.2	43.9	59.2	97.9	178.2	238.4	285.1
15°	0.0	4.4	10.4	17.6	25.7	45.3	60.4	97.4	186.3	243.3	292.3
12.5°	0.0	4.5	10.5	17.9	26.2	46.5	61.5	96.7	193.5	247.4	298.3
10°	0.0	4.5	10.6	18.1	26.6	47.5	62.4	94.8	199.4	250.7	302.8
7.5°	0.0	4.6	10.7	18.2	27.0	48.2	63.2	91.8	204.1	253.2	305.3
5°	0.0	4.6	10.8	18.3	27.3	48.8	63.8	87.9	207.5	255.2	306.7
2.5°	0.0	4.6	10.8	18.4	27.5	49.1	64.3	83.4	209.2	256.4	306.8
0°	0.0	4.6	10.8	18.4	27.7	49.2	64.6	78.4	209.1	256.8	305.9
-2.5°	0.0	4.6	10.8	18.4	27.5	49.1	64.3	83.4	209.2	256.4	306.8
-5°	0.0	4.6	10.8	18.3	27.3	48.8	63.8	87.9	207.5	255.2	306.7
-7.5°	0.0	4.6	10.7	18.2	27.0	48.2	63.2	91.8	204.1	253.2	305.3
-10°	0.0	4.5	10.6	18.1	26.6	47.5	62.4	94.8	199.4	250.7	302.8
-12.5°	0.0	4.5	10.5	17.9	26.2	46.5	61.5	96.7	193.5	247.4	298.3
-15°	0.0	4.4	10.4	17.6	25.7	45.3	60.4	97.4	186.3	243.3	292.3
-17.5°	0.0	4.4	10.2	17.3	25.2	43.9	59.2	97.9	178.2	238.4	285.1
-20°	0.0	4.3	10.1	17.0	24.6	42.2	59.8	98.8	169.9	232.9	276.7



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 CATALOG NUMBER: GFLD-SA3D-940-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.2	9.9	16.7	24.0	40.3	63.3	99.3	161.7	226.7	267.1
-25°	0.0	4.2	9.6	16.3	23.3	40.3	66.3	99.6	153.7	220.0	256.3
-27.5°	0.0	4.1	9.4	15.8	22.7	40.8	68.8	99.5	146.1	211.1	247.8
-30°	0.0	4.0	9.1	15.3	22.1	40.8	70.8	99.2	142.6	199.9	238.9
-32.5°	0.0	3.9	8.9	14.8	22.6	40.2	72.1	100.7	141.3	190.2	229.4
-35°	0.0	3.8	8.6	14.3	23.0	39.2	71.8	102.1	139.9	182.0	219.3
-37.5°	0.0	3.6	8.2	13.7	23.0	38.3	70.3	102.6	138.4	175.5	209.2
-40°	0.0	3.5	7.9	13.0	22.9	38.3	68.0	102.3	137.0	172.6	199.0
-42.5°	0.0	3.4	7.5	12.5	22.5	37.9	65.0	101.1	135.6	166.0	188.5
-45°	0.0	3.3	7.2	12.0	21.9	37.0	61.2	98.1	133.2	158.1	178.0
-47.5°	0.0	3.1	6.8	11.4	21.0	35.8	56.6	92.6	129.5	149.6	168.4
-50°	0.0	3.0	6.4	10.9	20.0	34.1	53.9	86.0	121.0	140.2	158.1
-52.5°	0.0	2.8	5.9	10.3	18.7	32.0	51.0	78.6	110.2	130.7	147.2
-55°	0.0	2.6	5.5	9.7	17.1	29.7	47.5	70.6	98.3	121.1	136.8
-57.5°	0.0	2.5	5.1	9.0	15.4	27.1	43.5	65.1	86.3	108.9	126.5
-60°	0.0	2.3	4.6	8.2	13.5	24.2	38.9	58.2	74.9	95.9	115.0
-62.5°	0.0	2.1	4.2	7.5	12.3	21.0	34.4	50.4	65.5	82.9	101.3
-65°	0.0	1.9	3.9	6.6	11.0	17.6	29.5	42.7	55.7	70.9	87.7
-67.5°	0.0	1.8	3.5	5.7	9.5	14.7	24.2	35.4	45.4	58.6	73.4
-70°	0.0	1.6	3.1	4.8	8.1	12.5	18.5	28.1	37.0	45.8	58.4
-72.5°	0.0	1.4	2.8	4.1	6.5	10.3	15.0	20.6	28.5	36.3	43.9
-75°	0.0	1.2	2.4	3.6	4.9	7.9	11.8	15.7	19.9	26.6	33.2
-77.5°	0.0	1.0	2.0	3.0	4.0	5.5	8.5	11.6	14.7	18.0	22.5
-80°	0.0	0.8	1.6	2.4	3.2	4.0	5.0	7.4	9.9	12.4	15.1
-82.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.1	4.9	6.8	8.7
-85°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.5	3.9
-87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	1.9
-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°	2.0	1.9	1.9	1.8	1.9	2.0	2.1	2.2	2.0	1.8	1.5
85°	3.9	3.9	4.4	4.7	5.2	5.5	5.7	5.6	6.3	7.2	8.2
82.5°	9.7	10.4	10.8	10.9	11.0	11.0	10.9	10.8	13.3	16.5	20.1
80°	16.4	17.0	19.6	22.4	23.8	23.8	22.5	20.1	23.8	29.8	37.0
77.5°	26.7	30.6	34.7	38.9	39.7	37.7	34.4	29.9	35.2	45.8	57.8
75°	38.8	44.1	50.2	54.7	54.7	51.5	47.1	46.2	55.2	68.0	78.6
72.5°	53.0	60.8	66.7	70.6	70.2	69.7	71.4	75.2	82.5	91.9	100.1
70°	70.2	78.1	82.4	84.4	85.1	89.4	95.8	100.6	105.8	115.0	123.6
67.5°	87.3	93.3	97.0	99.7	106.9	115.1	121.4	127.3	133.7	143.2	151.0
65°	102.4	108.6	114.0	122.0	132.5	140.2	147.8	155.6	166.8	177.4	183.8
62.5°	117.3	123.8	132.0	142.9	154.2	164.1	176.4	190.4	205.0	215.8	228.3
60°	128.8	138.1	149.7	162.6	176.1	192.2	208.1	224.4	239.4	253.9	272.2
57.5°	139.8	153.2	167.6	182.8	200.7	220.7	240.1	257.7	276.5	296.8	317.5
55°	151.8	169.3	185.3	203.4	225.2	250.7	272.2	293.1	315.6	349.8	379.6
52.5°	164.9	184.3	202.4	224.5	251.6	278.9	303.3	332.6	370.3	421.0	503.1
50°	177.3	198.1	219.3	247.8	277.2	305.9	341.4	382.2	457.5	552.0	717.4
47.5°	189.6	211.7	239.8	270.6	302.6	340.4	385.4	474.5	577.3	812.6	1047.1
45°	201.9	228.0	259.1	294.1	332.2	379.8	473.0	583.0	862.5	1133.2	1415.2
42.5°	213.8	244.5	279.9	317.2	367.1	453.1	573.2	863.7	1166.3	1477.2	1747.8
40°	227.4	259.8	300.9	348.2	414.0	544.6	814.3	1141.3	1482.4	1776.1	2039.4
37.5°	240.2	278.5	323.1	378.2	496.5	714.5	1062.0	1424.7	1755.0	2041.9	2323.3
35°	251.9	296.7	349.8	432.4	577.4	936.5	1313.3	1682.1	1997.8	2304.3	2612.0
32.5°	265.7	314.2	375.4	504.1	762.9	1151.0	1551.9	1903.3	2233.9	2560.7	2912.2
30°	280.9	335.9	411.1	572.7	946.7	1359.3	1756.5	2115.5	2458.3	2821.2	3197.6
27.5°	295.2	356.9	470.3	705.4	1119.4	1553.8	1942.6	2312.1	2680.0	3066.5	3471.7
25°	308.3	376.8	525.7	851.0	1286.2	1719.8	2113.9	2489.9	2887.2	3307.1	3733.6
22.5°	322.3	396.1	575.7	983.6	1438.8	1867.5	2265.2	2663.8	3084.3	3529.4	3974.3
20°	337.4	437.6	658.0	1106.0	1577.4	2001.8	2401.0	2825.4	3268.8	3729.8	4199.6
17.5°	351.2	474.2	756.3	1222.2	1694.0	2118.5	2523.1	2971.8	3429.2	3911.1	4406.0
15°	363.6	505.9	842.9	1324.9	1792.9	2217.7	2642.3	3101.7	3571.8	4073.7	4587.8
12.5°	374.5	532.7	917.4	1413.7	1876.3	2302.4	2742.5	3211.2	3698.8	4215.9	4751.5
10°	383.8	554.6	979.3	1488.0	1944.2	2372.4	2822.8	3302.4	3800.0	4330.4	4883.6
7.5°	389.7	572.6	1028.3	1547.3	1996.6	2427.1	2883.4	3374.3	3874.0	4419.7	4983.5
5°	393.5	587.3	1063.7	1591.2	2034.8	2468.4	2927.1	3425.9	3921.5	4482.4	5050.7
2.5°	395.3	597.5	1085.3	1619.2	2058.7	2497.4	2963.3	3471.2	3971.4	4527.1	5102.7
0°	395.1	602.7	1093.1	1631.2	2067.8	2510.6	2981.1	3494.6	4003.5	4546.2	5138.1
-2.5°	395.3	597.5	1085.3	1619.2	2058.7	2497.4	2963.3	3471.2	3971.4	4527.1	5102.7
-5°	393.5	587.3	1063.7	1591.2	2034.8	2468.4	2927.1	3425.9	3921.5	4482.4	5050.7
-7.5°	389.7	572.6	1028.3	1547.3	1996.6	2427.1	2883.4	3374.3	3874.0	4419.7	4983.5
-10°	383.8	554.6	979.3	1488.0	1944.2	2372.4	2822.8	3302.4	3800.0	4330.4	4883.6
-12.5°	374.5	532.7	917.4	1413.7	1876.3	2302.4	2742.5	3211.2	3698.8	4215.9	4751.5
-15°	363.6	505.9	842.9	1324.9	1792.9	2217.7	2642.3	3101.7	3571.8	4073.7	4587.8
-17.5°	351.2	474.2	756.3	1222.2	1694.0	2118.5	2523.1	2971.8	3429.2	3911.1	4406.0
-20°	337.4	437.6	658.0	1106.0	1577.4	2001.8	2401.0	2825.4	3268.8	3729.8	4199.6



REPORT NUMBER: P558843 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-940-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	322.3	396.1	575.7	983.6	1438.8	1867.5	2265.2	2663.8	3084.3	3529.4	3974.3
-25°	308.3	376.8	525.7	851.0	1286.2	1719.8	2113.9	2489.9	2887.2	3307.1	3733.6
-27.5°	295.2	356.9	470.3	705.4	1119.4	1553.8	1942.6	2312.1	2680.0	3066.5	3471.7
-30°	280.9	335.9	411.1	572.7	946.7	1359.3	1756.5	2115.5	2458.3	2821.2	3197.6
-32.5°	265.7	314.2	375.4	504.1	762.9	1151.0	1551.9	1903.3	2233.9	2560.7	2912.2
-35°	251.9	296.7	349.8	432.4	577.4	936.5	1313.3	1682.1	1997.8	2304.3	2612.0
-37.5°	240.2	278.5	323.1	378.2	496.5	714.5	1062.0	1424.7	1755.0	2041.9	2323.3
-40°	227.4	259.8	300.9	348.2	414.0	544.6	814.3	1141.3	1482.4	1776.1	2039.4
-42.5°	213.8	244.5	279.9	317.2	367.1	453.1	573.2	863.7	1166.3	1477.2	1747.8
-45°	201.9	228.0	259.1	294.1	332.2	379.8	473.0	583.0	862.5	1133.2	1415.2
-47.5°	189.6	211.7	239.8	270.6	302.6	340.4	385.4	474.5	577.3	812.6	1047.1
-50°	177.3	198.1	219.3	247.8	277.2	305.9	341.4	382.2	457.5	552.0	717.4
-52.5°	164.9	184.3	202.4	224.5	251.6	278.9	303.3	332.6	370.3	421.0	503.1
-55°	151.8	169.3	185.3	203.4	225.2	250.7	272.2	293.1	315.6	349.8	379.6
-57.5°	139.8	153.2	167.6	182.8	200.7	220.7	240.1	257.7	276.5	296.8	317.5
-60°	128.8	138.1	149.7	162.6	176.1	192.2	208.1	224.4	239.4	253.9	272.2
-62.5°	117.3	123.8	132.0	142.9	154.2	164.1	176.4	190.4	205.0	215.8	228.3
-65°	102.4	108.6	114.0	122.0	132.5	140.2	147.8	155.6	166.8	177.4	183.8
-67.5°	87.3	93.3	97.0	99.7	106.9	115.1	121.4	127.3	133.7	143.2	151.0
-70°	70.2	78.1	82.4	84.4	85.1	89.4	95.8	100.6	105.8	115.0	123.6
-72.5°	53.0	60.8	66.7	70.6	70.2	69.7	71.4	75.2	82.5	91.9	100.1
-75°	38.8	44.1	50.2	54.7	54.7	51.5	47.1	46.2	55.2	68.0	78.6
-77.5°	26.7	30.6	34.7	38.9	39.7	37.7	34.4	29.9	35.2	45.8	57.8
-80°	16.4	17.0	19.6	22.4	23.8	23.8	22.5	20.1	23.8	29.8	37.0
-82.5°	9.7	10.4	10.8	10.9	11.0	11.0	10.9	10.8	13.3	16.5	20.1
-85°	3.9	3.9	4.4	4.7	5.2	5.5	5.7	5.6	6.3	7.2	8.2
-87.5°	2.0	1.9	1.9	1.8	1.9	2.0	2.1	2.2	2.0	1.8	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558843 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-940-U-WR-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°	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5
85°	9.3	9.2	8.8	8.4	7.8	8.0	8.3	8.5	8.7	8.1	7.5
82.5°	24.1	25.9	27.6	29.4	31.3	31.0	30.1	28.9	27.3	24.3	21.0
80°	45.2	49.4	52.2	54.5	56.3	54.6	51.9	48.9	45.5	40.4	34.9
77.5°	70.1	74.4	76.6	79.3	82.2	82.8	83.0	83.2	83.6	74.1	62.2
75°	87.1	92.7	97.4	101.5	105.1	106.9	108.0	109.2	110.3	97.8	81.4
72.5°	107.1	112.5	116.9	121.4	125.3	128.3	130.6	132.5	134.0	123.9	109.6
70°	130.4	135.9	140.9	145.5	150.0	154.1	157.7	161.1	164.2	164.8	165.5
67.5°	156.8	160.0	166.0	171.8	178.7	183.8	189.4	194.7	199.5	203.7	207.1
65°	189.4	201.0	212.8	218.6	219.0	226.4	237.8	244.2	246.1	247.5	251.2
62.5°	244.2	259.2	267.1	277.4	291.5	306.9	312.8	321.3	331.7	343.3	353.9
60°	287.7	300.5	319.5	338.8	356.0	371.7	409.6	443.2	472.1	496.9	520.8
57.5°	341.7	362.8	391.8	444.2	492.2	535.5	609.6	700.1	780.7	851.3	913.3
55°	427.8	489.1	544.2	668.0	800.2	914.6	1021.7	1136.3	1229.5	1302.4	1369.8
52.5°	574.6	743.1	913.9	1074.5	1232.5	1376.3	1505.3	1606.8	1686.1	1745.6	1801.9
50°	919.9	1123.0	1331.0	1522.6	1677.8	1819.5	1953.9	2054.6	2138.8	2211.4	2275.6
47.5°	1296.4	1534.1	1730.7	1907.4	2074.6	2231.9	2378.8	2501.3	2605.2	2700.9	2780.6
45°	1671.0	1883.6	2085.2	2274.7	2456.7	2633.0	2791.0	2930.4	3067.8	3181.3	3271.1
42.5°	1987.8	2212.9	2427.3	2644.2	2847.7	3045.4	3236.3	3405.9	3551.8	3675.8	3775.7
40°	2291.8	2534.5	2789.2	3030.0	3271.6	3497.3	3708.7	3902.3	4068.5	4215.4	4339.7
37.5°	2601.2	2884.6	3164.4	3438.9	3705.1	3950.5	4193.2	4416.6	4611.3	4783.1	4927.4
35°	2927.8	3240.1	3544.7	3853.9	4144.5	4428.6	4696.9	4942.7	5158.3	5360.8	5534.8
32.5°	3255.0	3593.4	3936.2	4270.9	4592.9	4910.9	5205.2	5482.3	5737.3	5961.3	6147.1
30°	3573.5	3946.1	4312.9	4677.5	5045.0	5391.5	5717.5	6021.9	6298.5	6542.5	6753.6
27.5°	3879.2	4279.7	4673.1	5090.1	5489.5	5866.4	6220.5	6547.8	6856.5	7134.1	7373.7
25°	4162.0	4587.4	5046.0	5483.4	5910.7	6328.8	6716.8	7072.2	7425.2	7730.7	7990.8
22.5°	4429.2	4904.0	5386.8	5845.5	6317.0	6776.7	7211.0	7623.0	8000.0	8320.0	8597.4
20°	4683.3	5194.3	5691.8	6199.6	6710.1	7206.1	7684.4	8124.6	8523.0	8871.8	9184.6
17.5°	4923.4	5452.0	5980.7	6522.9	7074.4	7595.7	8102.5	8581.4	9016.4	9403.2	9755.9
15°	5131.0	5677.2	6243.3	6819.6	7396.4	7950.8	8488.6	9010.4	9499.6	9920.7	10276.4
12.5°	5307.4	5876.4	6475.3	7080.0	7687.9	8269.1	8839.1	9397.4	9917.5	10370.3	10735.4
10°	5453.7	6050.0	6675.5	7305.3	7928.8	8532.8	9125.5	9703.2	10261.8	10731.1	11106.2
7.5°	5575.7	6194.8	6834.8	7483.6	8112.8	8739.9	9358.1	9941.7	10492.0	10986.9	11372.3
5°	5666.8	6296.2	6949.8	7614.8	8253.6	8903.0	9539.6	10136.8	10681.7	11130.2	11444.8
2.5°	5734.6	6359.4	7024.4	7693.8	8341.1	9014.0	9664.2	10261.9	10819.6	11244.1	11516.6
0°	5780.7	6394.2	7092.1	7748.6	8406.6	9097.0	9739.6	10343.8	10903.4	11318.5	11599.9
-2.5°	5734.6	6359.4	7024.4	7693.8	8341.1	9014.0	9664.2	10261.9	10819.6	11244.1	11516.6
-5°	5666.8	6296.2	6949.8	7614.8	8253.6	8903.0	9539.6	10136.8	10681.7	11130.2	11444.8
-7.5°	5575.7	6194.8	6834.8	7483.6	8112.8	8739.9	9358.1	9941.7	10492.0	10986.9	11372.3
-10°	5453.7	6050.0	6675.5	7305.3	7928.8	8532.8	9125.5	9703.2	10261.8	10731.1	11106.2
-12.5°	5307.4	5876.4	6475.3	7080.0	7687.9	8269.1	8839.1	9397.4	9917.5	10370.3	10735.4
-15°	5131.0	5677.2	6243.3	6819.6	7396.4	7950.8	8488.6	9010.4	9499.6	9920.7	10276.4
-17.5°	4923.4	5452.0	5980.7	6522.9	7074.4	7595.7	8102.5	8581.4	9016.4	9403.2	9755.9
-20°	4683.3	5194.3	5691.8	6199.6	6710.1	7206.1	7684.4	8124.6	8523.0	8871.8	9184.6



REPORT NUMBER: P558843 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-940-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4429.2	4904.0	5386.8	5845.5	6317.0	6776.7	7211.0	7623.0	8000.0	8320.0	8597.4
-25°	4162.0	4587.4	5046.0	5483.4	5910.7	6328.8	6716.8	7072.2	7425.2	7730.7	7990.8
-27.5°	3879.2	4279.7	4673.1	5090.1	5489.5	5866.4	6220.5	6547.8	6856.5	7134.1	7373.7
-30°	3573.5	3946.1	4312.9	4677.5	5045.0	5391.5	5717.5	6021.9	6298.5	6542.5	6753.6
-32.5°	3255.0	3593.4	3936.2	4270.9	4592.9	4910.9	5205.2	5482.3	5737.3	5961.3	6147.1
-35°	2927.8	3240.1	3544.7	3853.9	4144.5	4428.6	4696.9	4942.7	5158.3	5360.8	5534.8
-37.5°	2601.2	2884.6	3164.4	3438.9	3705.1	3950.5	4193.2	4416.6	4611.3	4783.1	4927.4
-40°	2291.8	2534.5	2789.2	3030.0	3271.6	3497.3	3708.7	3902.3	4068.5	4215.4	4339.7
-42.5°	1987.8	2212.9	2427.3	2644.2	2847.7	3045.4	3236.3	3405.9	3551.8	3675.8	3775.7
-45°	1671.0	1883.6	2085.2	2274.7	2456.7	2633.0	2791.0	2930.4	3067.8	3181.3	3271.1
-47.5°	1296.4	1534.1	1730.7	1907.4	2074.6	2231.9	2378.8	2501.3	2605.2	2700.9	2780.6
-50°	919.9	1123.0	1331.0	1522.6	1677.8	1819.5	1953.9	2054.6	2138.8	2211.4	2275.6
-52.5°	574.6	743.1	913.9	1074.5	1232.5	1376.3	1505.3	1606.8	1686.1	1745.6	1801.9
-55°	427.8	489.1	544.2	668.0	800.2	914.6	1021.7	1136.3	1229.5	1302.4	1369.8
-57.5°	341.7	362.8	391.8	444.2	492.2	535.5	609.6	700.1	780.7	851.3	913.3
-60°	287.7	300.5	319.5	338.8	356.0	371.7	409.6	443.2	472.1	496.9	520.8
-62.5°	244.2	259.2	267.1	277.4	291.5	306.9	312.8	321.3	331.7	343.3	353.9
-65°	189.4	201.0	212.8	218.6	219.0	226.4	237.8	244.2	246.1	247.5	251.2
-67.5°	156.8	160.0	166.0	171.8	178.7	183.8	189.4	194.7	199.5	203.7	207.1
-70°	130.4	135.9	140.9	145.5	150.0	154.1	157.7	161.1	164.2	164.8	165.5
-72.5°	107.1	112.5	116.9	121.4	125.3	128.3	130.6	132.5	134.0	123.9	109.6
-75°	87.1	92.7	97.4	101.5	105.1	106.9	108.0	109.2	110.3	97.8	81.4
-77.5°	70.1	74.4	76.6	79.3	82.2	82.8	83.0	83.2	83.6	74.1	62.2
-80°	45.2	49.4	52.2	54.5	56.3	54.6	51.9	48.9	45.5	40.4	34.9
-82.5°	24.1	25.9	27.6	29.4	31.3	31.0	30.1	28.9	27.3	24.3	21.0
-85°	9.3	9.2	8.8	8.4	7.8	8.0	8.3	8.5	8.7	8.1	7.5
-87.5°	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558843 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-940-U-WR-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°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4
85°	6.8	6.1	6.1	6.1	6.1	6.1	6.8	7.5	8.1	8.7	8.5
82.5°	17.5	13.8	14.6	15.4	14.6	13.8	17.5	21.0	24.3	27.3	28.9
80°	29.1	23.1	23.8	24.6	23.8	23.1	29.1	34.9	40.4	45.5	48.9
77.5°	49.3	35.8	34.6	33.8	34.6	35.8	49.3	62.2	74.1	83.6	83.2
75°	64.4	47.1	46.0	46.1	46.0	47.1	64.4	81.4	97.8	110.3	109.2
72.5°	95.1	80.4	70.3	60.0	70.3	80.4	95.1	109.6	123.9	134.0	132.5
70°	167.3	169.4	168.5	166.0	168.5	169.4	167.3	165.5	164.8	164.2	161.1
67.5°	209.9	212.1	212.6	212.2	212.6	212.1	209.9	207.1	203.7	199.5	194.7
65°	253.7	255.2	256.4	256.8	256.4	255.2	253.7	251.2	247.5	246.1	244.2
62.5°	361.9	367.2	372.8	376.7	372.8	367.2	361.9	353.9	343.3	331.7	321.3
60°	541.7	559.0	566.6	567.3	566.6	559.0	541.7	520.8	496.9	472.1	443.2
57.5°	962.9	999.9	1033.0	1057.7	1033.0	999.9	962.9	913.3	851.3	780.7	700.1
55°	1423.6	1463.0	1485.3	1491.3	1485.3	1463.0	1423.6	1369.8	1302.4	1229.5	1136.3
52.5°	1844.6	1870.9	1895.8	1917.2	1895.8	1870.9	1844.6	1801.9	1745.6	1686.1	1606.8
50°	2324.1	2353.3	2377.9	2396.8	2377.9	2353.3	2324.1	2275.6	2211.4	2138.8	2054.6
47.5°	2836.6	2872.3	2898.7	2916.5	2898.7	2872.3	2836.6	2780.6	2700.9	2605.2	2501.3
45°	3347.9	3409.2	3446.5	3453.1	3446.5	3409.2	3347.9	3271.1	3181.3	3067.8	2930.4
42.5°	3862.0	3920.7	3960.4	3989.6	3960.4	3920.7	3862.0	3775.7	3675.8	3551.8	3405.9
40°	4443.2	4517.0	4550.8	4529.3	4550.8	4517.0	4443.2	4339.7	4215.4	4068.5	3902.3
37.5°	5038.7	5114.6	5153.7	5151.9	5153.7	5114.6	5038.7	4927.4	4783.1	4611.3	4416.6
35°	5670.1	5764.2	5815.1	5802.2	5815.1	5764.2	5670.1	5534.8	5360.8	5158.3	4942.7
32.5°	6295.5	6409.2	6482.7	6494.1	6482.7	6409.2	6295.5	6147.1	5961.3	5737.3	5482.3
30°	6922.9	7045.8	7118.9	7126.0	7118.9	7045.8	6922.9	6753.6	6542.5	6298.5	6021.9
27.5°	7574.8	7712.3	7788.8	7807.1	7788.8	7712.3	7574.8	7373.7	7134.1	6856.5	6547.8
25°	8212.7	8365.3	8453.0	8486.6	8453.0	8365.3	8212.7	7990.8	7730.7	7425.2	7072.2
22.5°	8827.7	8995.0	9109.4	9138.5	9109.4	8995.0	8827.7	8597.4	8320.0	8000.0	7623.0
20°	9444.5	9642.1	9788.2	9802.6	9788.2	9642.1	9444.5	9184.6	8871.8	8523.0	8124.6
17.5°	10038.5	10252.2	10408.6	10446.8	10408.6	10252.2	10038.5	9755.9	9403.2	9016.4	8581.4
15°	10570.2	10794.4	10945.5	10978.8	10945.5	10794.4	10570.2	10276.4	9920.7	9499.6	9010.4
12.5°	11029.0	11235.7	11376.8	11430.8	11376.8	11235.7	11029.0	10735.4	10370.3	9917.5	9397.4
10°	11398.7	11558.3	11684.4	11741.3	11684.4	11558.3	11398.7	11106.2	10731.1	10261.8	9703.2
7.5°	11605.0	11736.4	11823.7	11855.1	11823.7	11736.4	11605.0	11372.3	10986.9	10492.0	9941.7
5°	11686.6	11812.5	11859.8	11887.4	11859.8	11812.5	11686.6	11444.8	11130.2	10681.7	10136.8
2.5°	11697.6	11798.5	11895.7	11959.6	11895.7	11798.5	11697.6	11516.6	11244.1	10819.6	10261.9
0°	11762.9	11861.2	11915.1	11945.8	11915.1	11861.2	11762.9	11599.9	11318.5	10903.4	10343.8
-2.5°	11697.6	11798.5	11895.7	11959.6	11895.7	11798.5	11697.6	11516.6	11244.1	10819.6	10261.9
-5°	11686.6	11812.5	11859.8	11887.4	11859.8	11812.5	11686.6	11444.8	11130.2	10681.7	10136.8
-7.5°	11605.0	11736.4	11823.7	11855.1	11823.7	11736.4	11605.0	11372.3	10986.9	10492.0	9941.7
-10°	11398.7	11558.3	11684.4	11741.3	11684.4	11558.3	11398.7	11106.2	10731.1	10261.8	9703.2
-12.5°	11029.0	11235.7	11376.8	11430.8	11376.8	11235.7	11029.0	10735.4	10370.3	9917.5	9397.4
-15°	10570.2	10794.4	10945.5	10978.8	10945.5	10794.4	10570.2	10276.4	9920.7	9499.6	9010.4
-17.5°	10038.5	10252.2	10408.6	10446.8	10408.6	10252.2	10038.5	9755.9	9403.2	9016.4	8581.4
-20°	9444.5	9642.1	9788.2	9802.6	9788.2	9642.1	9444.5	9184.6	8871.8	8523.0	8124.6



REPORT NUMBER: P558843 (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°	8827.7	8995.0	9109.4	9138.5	9109.4	8995.0	8827.7	8597.4	8320.0	8000.0	7623.0
-25°	8212.7	8365.3	8453.0	8486.6	8453.0	8365.3	8212.7	7990.8	7730.7	7425.2	7072.2
-27.5°	7574.8	7712.3	7788.8	7807.1	7788.8	7712.3	7574.8	7373.7	7134.1	6856.5	6547.8
-30°	6922.9	7045.8	7118.9	7126.0	7118.9	7045.8	6922.9	6753.6	6542.5	6298.5	6021.9
-32.5°	6295.5	6409.2	6482.7	6494.1	6482.7	6409.2	6295.5	6147.1	5961.3	5737.3	5482.3
-35°	5670.1	5764.2	5815.1	5802.2	5815.1	5764.2	5670.1	5534.8	5360.8	5158.3	4942.7
-37.5°	5038.7	5114.6	5153.7	5151.9	5153.7	5114.6	5038.7	4927.4	4783.1	4611.3	4416.6
-40°	4443.2	4517.0	4550.8	4529.3	4550.8	4517.0	4443.2	4339.7	4215.4	4068.5	3902.3
-42.5°	3862.0	3920.7	3960.4	3989.6	3960.4	3920.7	3862.0	3775.7	3675.8	3551.8	3405.9
-45°	3347.9	3409.2	3446.5	3453.1	3446.5	3409.2	3347.9	3271.1	3181.3	3067.8	2930.4
-47.5°	2836.6	2872.3	2898.7	2916.5	2898.7	2872.3	2836.6	2780.6	2700.9	2605.2	2501.3
-50°	2324.1	2353.3	2377.9	2396.8	2377.9	2353.3	2324.1	2275.6	2211.4	2138.8	2054.6
-52.5°	1844.6	1870.9	1895.8	1917.2	1895.8	1870.9	1844.6	1801.9	1745.6	1686.1	1606.8
-55°	1423.6	1463.0	1485.3	1491.3	1485.3	1463.0	1423.6	1369.8	1302.4	1229.5	1136.3
-57.5°	962.9	999.9	1033.0	1057.7	1033.0	999.9	962.9	913.3	851.3	780.7	700.1
-60°	541.7	559.0	566.6	567.3	566.6	559.0	541.7	520.8	496.9	472.1	443.2
-62.5°	361.9	367.2	372.8	376.7	372.8	367.2	361.9	353.9	343.3	331.7	321.3
-65°	253.7	255.2	256.4	256.8	256.4	255.2	253.7	251.2	247.5	246.1	244.2
-67.5°	209.9	212.1	212.6	212.2	212.6	212.1	209.9	207.1	203.7	199.5	194.7
-70°	167.3	169.4	168.5	166.0	168.5	169.4	167.3	165.5	164.8	164.2	161.1
-72.5°	95.1	80.4	70.3	60.0	70.3	80.4	95.1	109.6	123.9	134.0	132.5
-75°	64.4	47.1	46.0	46.1	46.0	47.1	64.4	81.4	97.8	110.3	109.2
-77.5°	49.3	35.8	34.6	33.8	34.6	35.8	49.3	62.2	74.1	83.6	83.2
-80°	29.1	23.1	23.8	24.6	23.8	23.1	29.1	34.9	40.4	45.5	48.9
-82.5°	17.5	13.8	14.6	15.4	14.6	13.8	17.5	21.0	24.3	27.3	28.9
-85°	6.8	6.1	6.1	6.1	6.1	6.1	6.8	7.5	8.1	8.7	8.5
-87.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4
-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: P558843 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
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°	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.5	1.8	2.0	2.2
85°	8.3	8.0	7.8	8.4	8.8	9.2	9.3	8.2	7.2	6.3	5.6
82.5°	30.1	31.0	31.3	29.4	27.6	25.9	24.1	20.1	16.5	13.3	10.8
80°	51.9	54.6	56.3	54.5	52.2	49.4	45.2	37.0	29.8	23.8	20.1
77.5°	83.0	82.8	82.2	79.3	76.6	74.4	70.1	57.8	45.8	35.2	29.9
75°	108.0	106.9	105.1	101.5	97.4	92.7	87.1	78.6	68.0	55.2	46.2
72.5°	130.6	128.3	125.3	121.4	116.9	112.5	107.1	100.1	91.9	82.5	75.2
70°	157.7	154.1	150.0	145.5	140.9	135.9	130.4	123.6	115.0	105.8	100.6
67.5°	189.4	183.8	178.7	171.8	166.0	160.0	156.8	151.0	143.2	133.7	127.3
65°	237.8	226.4	219.0	218.6	212.8	201.0	189.4	183.8	177.4	166.8	155.6
62.5°	312.8	306.9	291.5	277.4	267.1	259.2	244.2	228.3	215.8	205.0	190.4
60°	409.6	371.7	356.0	338.8	319.5	300.5	287.7	272.2	253.9	239.4	224.4
57.5°	609.6	535.5	492.2	444.2	391.8	362.8	341.7	317.5	296.8	276.5	257.7
55°	1021.7	914.6	800.2	668.0	544.2	489.1	427.8	379.6	349.8	315.6	293.1
52.5°	1505.3	1376.3	1232.5	1074.5	913.9	743.1	574.6	503.1	421.0	370.3	332.6
50°	1953.9	1819.5	1677.8	1522.6	1331.0	1123.0	919.9	717.4	552.0	457.5	382.2
47.5°	2378.8	2231.9	2074.6	1907.4	1730.7	1534.1	1296.4	1047.1	812.6	577.3	474.5
45°	2791.0	2633.0	2456.7	2274.7	2085.2	1883.6	1671.0	1415.2	1133.2	862.5	583.0
42.5°	3236.3	3045.4	2847.7	2644.2	2427.3	2212.9	1987.8	1747.8	1477.2	1166.3	863.7
40°	3708.7	3497.3	3271.6	3030.0	2789.2	2534.5	2291.8	2039.4	1776.1	1482.4	1141.3
37.5°	4193.2	3950.5	3705.1	3438.9	3164.4	2884.6	2601.2	2323.3	2041.9	1755.0	1424.7
35°	4696.9	4428.6	4144.5	3853.9	3544.7	3240.1	2927.8	2612.0	2304.3	1997.8	1682.1
32.5°	5205.2	4910.9	4592.9	4270.9	3936.2	3593.4	3255.0	2912.2	2560.7	2233.9	1903.3
30°	5717.5	5391.5	5045.0	4677.5	4312.9	3946.1	3573.5	3197.6	2821.2	2458.3	2115.5
27.5°	6220.5	5866.4	5489.5	5090.1	4673.1	4279.7	3879.2	3471.7	3066.5	2680.0	2312.1
25°	6716.8	6328.8	5910.7	5483.4	5046.0	4587.4	4162.0	3733.6	3307.1	2887.2	2489.9
22.5°	7211.0	6776.7	6317.0	5845.5	5386.8	4904.0	4429.2	3974.3	3529.4	3084.3	2663.8
20°	7684.4	7206.1	6710.1	6199.6	5691.8	5194.3	4683.3	4199.6	3729.8	3268.8	2825.4
17.5°	8102.5	7595.7	7074.4	6522.9	5980.7	5452.0	4923.4	4406.0	3911.1	3429.2	2971.8
15°	8488.6	7950.8	7396.4	6819.6	6243.3	5677.2	5131.0	4587.8	4073.7	3571.8	3101.7
12.5°	8839.1	8269.1	7687.9	7080.0	6475.3	5876.4	5307.4	4751.5	4215.9	3698.8	3211.2
10°	9125.5	8532.8	7928.8	7305.3	6675.5	6050.0	5453.7	4883.6	4330.4	3800.0	3302.4
7.5°	9358.1	8739.9	8112.8	7483.6	6834.8	6194.8	5575.7	4983.5	4419.7	3874.0	3374.3
5°	9539.6	8903.0	8253.6	7614.8	6949.8	6296.2	5666.8	5050.7	4482.4	3921.5	3425.9
2.5°	9664.2	9014.0	8341.1	7693.8	7024.4	6359.4	5734.6	5102.7	4527.1	3971.4	3471.2
0°	9739.6	9097.0	8406.6	7748.6	7092.1	6394.2	5780.7	5138.1	4546.2	4003.5	3494.6
-2.5°	9664.2	9014.0	8341.1	7693.8	7024.4	6359.4	5734.6	5102.7	4527.1	3971.4	3471.2
-5°	9539.6	8903.0	8253.6	7614.8	6949.8	6296.2	5666.8	5050.7	4482.4	3921.5	3425.9
-7.5°	9358.1	8739.9	8112.8	7483.6	6834.8	6194.8	5575.7	4983.5	4419.7	3874.0	3374.3
-10°	9125.5	8532.8	7928.8	7305.3	6675.5	6050.0	5453.7	4883.6	4330.4	3800.0	3302.4
-12.5°	8839.1	8269.1	7687.9	7080.0	6475.3	5876.4	5307.4	4751.5	4215.9	3698.8	3211.2
-15°	8488.6	7950.8	7396.4	6819.6	6243.3	5677.2	5131.0	4587.8	4073.7	3571.8	3101.7
-17.5°	8102.5	7595.7	7074.4	6522.9	5980.7	5452.0	4923.4	4406.0	3911.1	3429.2	2971.8
-20°	7684.4	7206.1	6710.1	6199.6	5691.8	5194.3	4683.3	4199.6	3729.8	3268.8	2825.4



REPORT NUMBER: P558843 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-940-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7211.0	6776.7	6317.0	5845.5	5386.8	4904.0	4429.2	3974.3	3529.4	3084.3	2663.8
-25°	6716.8	6328.8	5910.7	5483.4	5046.0	4587.4	4162.0	3733.6	3307.1	2887.2	2489.9
-27.5°	6220.5	5866.4	5489.5	5090.1	4673.1	4279.7	3879.2	3471.7	3066.5	2680.0	2312.1
-30°	5717.5	5391.5	5045.0	4677.5	4312.9	3946.1	3573.5	3197.6	2821.2	2458.3	2115.5
-32.5°	5205.2	4910.9	4592.9	4270.9	3936.2	3593.4	3255.0	2912.2	2560.7	2233.9	1903.3
-35°	4696.9	4428.6	4144.5	3853.9	3544.7	3240.1	2927.8	2612.0	2304.3	1997.8	1682.1
-37.5°	4193.2	3950.5	3705.1	3438.9	3164.4	2884.6	2601.2	2323.3	2041.9	1755.0	1424.7
-40°	3708.7	3497.3	3271.6	3030.0	2789.2	2534.5	2291.8	2039.4	1776.1	1482.4	1141.3
-42.5°	3236.3	3045.4	2847.7	2644.2	2427.3	2212.9	1987.8	1747.8	1477.2	1166.3	863.7
-45°	2791.0	2633.0	2456.7	2274.7	2085.2	1883.6	1671.0	1415.2	1133.2	862.5	583.0
-47.5°	2378.8	2231.9	2074.6	1907.4	1730.7	1534.1	1296.4	1047.1	812.6	577.3	474.5
-50°	1953.9	1819.5	1677.8	1522.6	1331.0	1123.0	919.9	717.4	552.0	457.5	382.2
-52.5°	1505.3	1376.3	1232.5	1074.5	913.9	743.1	574.6	503.1	421.0	370.3	332.6
-55°	1021.7	914.6	800.2	668.0	544.2	489.1	427.8	379.6	349.8	315.6	293.1
-57.5°	609.6	535.5	492.2	444.2	391.8	362.8	341.7	317.5	296.8	276.5	257.7
-60°	409.6	371.7	356.0	338.8	319.5	300.5	287.7	272.2	253.9	239.4	224.4
-62.5°	312.8	306.9	291.5	277.4	267.1	259.2	244.2	228.3	215.8	205.0	190.4
-65°	237.8	226.4	219.0	218.6	212.8	201.0	189.4	183.8	177.4	166.8	155.6
-67.5°	189.4	183.8	178.7	171.8	166.0	160.0	156.8	151.0	143.2	133.7	127.3
-70°	157.7	154.1	150.0	145.5	140.9	135.9	130.4	123.6	115.0	105.8	100.6
-72.5°	130.6	128.3	125.3	121.4	116.9	112.5	107.1	100.1	91.9	82.5	75.2
-75°	108.0	106.9	105.1	101.5	97.4	92.7	87.1	78.6	68.0	55.2	46.2
-77.5°	83.0	82.8	82.2	79.3	76.6	74.4	70.1	57.8	45.8	35.2	29.9
-80°	51.9	54.6	56.3	54.5	52.2	49.4	45.2	37.0	29.8	23.8	20.1
-82.5°	30.1	31.0	31.3	29.4	27.6	25.9	24.1	20.1	16.5	13.3	10.8
-85°	8.3	8.0	7.8	8.4	8.8	9.2	9.3	8.2	7.2	6.3	5.6
-87.5°	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.5	1.8	2.0	2.2
-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: P558843 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-940-U-WR-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°	2.1	2.0	1.9	1.8	1.9	1.9	2.0	1.9	1.8	1.6	1.4
85°	5.7	5.5	5.2	4.7	4.4	3.9	3.9	3.9	3.5	3.1	2.8
82.5°	10.9	11.0	11.0	10.9	10.8	10.4	9.7	8.7	6.8	4.9	4.1
80°	22.5	23.8	23.8	22.4	19.6	17.0	16.4	15.1	12.4	9.9	7.4
77.5°	34.4	37.7	39.7	38.9	34.7	30.6	26.7	22.5	18.0	14.7	11.6
75°	47.1	51.5	54.7	54.7	50.2	44.1	38.8	33.2	26.6	19.9	15.7
72.5°	71.4	69.7	70.2	70.6	66.7	60.8	53.0	43.9	36.3	28.5	20.6
70°	95.8	89.4	85.1	84.4	82.4	78.1	70.2	58.4	45.8	37.0	28.1
67.5°	121.4	115.1	106.9	99.7	97.0	93.3	87.3	73.4	58.6	45.4	35.4
65°	147.8	140.2	132.5	122.0	114.0	108.6	102.4	87.7	70.9	55.7	42.7
62.5°	176.4	164.1	154.2	142.9	132.0	123.8	117.3	101.3	82.9	65.5	50.4
60°	208.1	192.2	176.1	162.6	149.7	138.1	128.8	115.0	95.9	74.9	58.2
57.5°	240.1	220.7	200.7	182.8	167.6	153.2	139.8	126.5	108.9	86.3	65.1
55°	272.2	250.7	225.2	203.4	185.3	169.3	151.8	136.8	121.1	98.3	70.6
52.5°	303.3	278.9	251.6	224.5	202.4	184.3	164.9	147.2	130.7	110.2	78.6
50°	341.4	305.9	277.2	247.8	219.3	198.1	177.3	158.1	140.2	121.0	86.0
47.5°	385.4	340.4	302.6	270.6	239.8	211.7	189.6	168.4	149.6	129.5	92.6
45°	473.0	379.8	332.2	294.1	259.1	228.0	201.9	178.0	158.1	133.2	98.1
42.5°	573.2	453.1	367.1	317.2	279.9	244.5	213.8	188.5	166.0	135.6	101.1
40°	814.3	544.6	414.0	348.2	300.9	259.8	227.4	199.0	172.6	137.0	102.3
37.5°	1062.0	714.5	496.5	378.2	323.1	278.5	240.2	209.2	175.5	138.4	102.6
35°	1313.3	936.5	577.4	432.4	349.8	296.7	251.9	219.3	182.0	139.9	102.1
32.5°	1551.9	1151.0	762.9	504.1	375.4	314.2	265.7	229.4	190.2	141.3	100.7
30°	1756.5	1359.3	946.7	572.7	411.1	335.9	280.9	238.9	199.9	142.6	99.2
27.5°	1942.6	1553.8	1119.4	705.4	470.3	356.9	295.2	247.8	211.1	146.1	99.5
25°	2113.9	1719.8	1286.2	851.0	525.7	376.8	308.3	256.3	220.0	153.7	99.6
22.5°	2265.2	1867.5	1438.8	983.6	575.7	396.1	322.3	267.1	226.7	161.7	99.3
20°	2401.0	2001.8	1577.4	1106.0	658.0	437.6	337.4	276.7	232.9	169.9	98.8
17.5°	2523.1	2118.5	1694.0	1222.2	756.3	474.2	351.2	285.1	238.4	178.2	97.9
15°	2642.3	2217.7	1792.9	1324.9	842.9	505.9	363.6	292.3	243.3	186.3	97.4
12.5°	2742.5	2302.4	1876.3	1413.7	917.4	532.7	374.5	298.3	247.4	193.5	96.7
10°	2822.8	2372.4	1944.2	1488.0	979.3	554.6	383.8	302.8	250.7	199.4	94.8
7.5°	2883.4	2427.1	1996.6	1547.3	1028.3	572.6	389.7	305.3	253.2	204.1	91.8
5°	2927.1	2468.4	2034.8	1591.2	1063.7	587.3	393.5	306.7	255.2	207.5	87.9
2.5°	2963.3	2497.4	2058.7	1619.2	1085.3	597.5	395.3	306.8	256.4	209.2	83.4
0°	2981.1	2510.6	2067.8	1631.2	1093.1	602.7	395.1	305.9	256.8	209.1	78.4
-2.5°	2963.3	2497.4	2058.7	1619.2	1085.3	597.5	395.3	306.8	256.4	209.2	83.4
-5°	2927.1	2468.4	2034.8	1591.2	1063.7	587.3	393.5	306.7	255.2	207.5	87.9
-7.5°	2883.4	2427.1	1996.6	1547.3	1028.3	572.6	389.7	305.3	253.2	204.1	91.8
-10°	2822.8	2372.4	1944.2	1488.0	979.3	554.6	383.8	302.8	250.7	199.4	94.8
-12.5°	2742.5	2302.4	1876.3	1413.7	917.4	532.7	374.5	298.3	247.4	193.5	96.7
-15°	2642.3	2217.7	1792.9	1324.9	842.9	505.9	363.6	292.3	243.3	186.3	97.4
-17.5°	2523.1	2118.5	1694.0	1222.2	756.3	474.2	351.2	285.1	238.4	178.2	97.9
-20°	2401.0	2001.8	1577.4	1106.0	658.0	437.6	337.4	276.7	232.9	169.9	98.8



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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°	2265.2	1867.5	1438.8	983.6	575.7	396.1	322.3	267.1	226.7	161.7	99.3
-25°	2113.9	1719.8	1286.2	851.0	525.7	376.8	308.3	256.3	220.0	153.7	99.6
-27.5°	1942.6	1553.8	1119.4	705.4	470.3	356.9	295.2	247.8	211.1	146.1	99.5
-30°	1756.5	1359.3	946.7	572.7	411.1	335.9	280.9	238.9	199.9	142.6	99.2
-32.5°	1551.9	1151.0	762.9	504.1	375.4	314.2	265.7	229.4	190.2	141.3	100.7
-35°	1313.3	936.5	577.4	432.4	349.8	296.7	251.9	219.3	182.0	139.9	102.1
-37.5°	1062.0	714.5	496.5	378.2	323.1	278.5	240.2	209.2	175.5	138.4	102.6
-40°	814.3	544.6	414.0	348.2	300.9	259.8	227.4	199.0	172.6	137.0	102.3
-42.5°	573.2	453.1	367.1	317.2	279.9	244.5	213.8	188.5	166.0	135.6	101.1
-45°	473.0	379.8	332.2	294.1	259.1	228.0	201.9	178.0	158.1	133.2	98.1
-47.5°	385.4	340.4	302.6	270.6	239.8	211.7	189.6	168.4	149.6	129.5	92.6
-50°	341.4	305.9	277.2	247.8	219.3	198.1	177.3	158.1	140.2	121.0	86.0
-52.5°	303.3	278.9	251.6	224.5	202.4	184.3	164.9	147.2	130.7	110.2	78.6
-55°	272.2	250.7	225.2	203.4	185.3	169.3	151.8	136.8	121.1	98.3	70.6
-57.5°	240.1	220.7	200.7	182.8	167.6	153.2	139.8	126.5	108.9	86.3	65.1
-60°	208.1	192.2	176.1	162.6	149.7	138.1	128.8	115.0	95.9	74.9	58.2
-62.5°	176.4	164.1	154.2	142.9	132.0	123.8	117.3	101.3	82.9	65.5	50.4
-65°	147.8	140.2	132.5	122.0	114.0	108.6	102.4	87.7	70.9	55.7	42.7
-67.5°	121.4	115.1	106.9	99.7	97.0	93.3	87.3	73.4	58.6	45.4	35.4
-70°	95.8	89.4	85.1	84.4	82.4	78.1	70.2	58.4	45.8	37.0	28.1
-72.5°	71.4	69.7	70.2	70.6	66.7	60.8	53.0	43.9	36.3	28.5	20.6
-75°	47.1	51.5	54.7	54.7	50.2	44.1	38.8	33.2	26.6	19.9	15.7
-77.5°	34.4	37.7	39.7	38.9	34.7	30.6	26.7	22.5	18.0	14.7	11.6
-80°	22.5	23.8	23.8	22.4	19.6	17.0	16.4	15.1	12.4	9.9	7.4
-82.5°	10.9	11.0	11.0	10.9	10.8	10.4	9.7	8.7	6.8	4.9	4.1
-85°	5.7	5.5	5.2	4.7	4.4	3.9	3.9	3.9	3.5	3.1	2.8
-87.5°	2.1	2.0	1.9	1.8	1.9	1.9	2.0	1.9	1.8	1.6	1.4
-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°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
85°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
82.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
80°	5.0	4.0	3.2	2.4	1.6	0.8	0.0
77.5°	8.5	5.5	4.0	3.0	2.0	1.0	0.0
75°	11.8	7.9	4.9	3.6	2.4	1.2	0.0
72.5°	15.0	10.3	6.5	4.1	2.8	1.4	0.0
70°	18.5	12.5	8.1	4.8	3.1	1.6	0.0
67.5°	24.2	14.7	9.5	5.7	3.5	1.8	0.0
65°	29.5	17.6	11.0	6.6	3.9	1.9	0.0
62.5°	34.4	21.0	12.3	7.5	4.2	2.1	0.0
60°	38.9	24.2	13.5	8.2	4.6	2.3	0.0
57.5°	43.5	27.1	15.4	9.0	5.1	2.5	0.0
55°	47.5	29.7	17.1	9.7	5.5	2.6	0.0
52.5°	51.0	32.0	18.7	10.3	5.9	2.8	0.0
50°	53.9	34.1	20.0	10.9	6.4	3.0	0.0
47.5°	56.6	35.8	21.0	11.4	6.8	3.1	0.0
45°	61.2	37.0	21.9	12.0	7.2	3.3	0.0
42.5°	65.0	37.9	22.5	12.5	7.5	3.4	0.0
40°	68.0	38.3	22.9	13.0	7.9	3.5	0.0
37.5°	70.3	38.3	23.0	13.7	8.2	3.6	0.0
35°	71.8	39.2	23.0	14.3	8.6	3.8	0.0
32.5°	72.1	40.2	22.6	14.8	8.9	3.9	0.0
30°	70.8	40.8	22.1	15.3	9.1	4.0	0.0
27.5°	68.8	40.8	22.7	15.8	9.4	4.1	0.0
25°	66.3	40.3	23.3	16.3	9.6	4.2	0.0
22.5°	63.3	40.3	24.0	16.7	9.9	4.2	0.0
20°	59.8	42.2	24.6	17.0	10.1	4.3	0.0
17.5°	59.2	43.9	25.2	17.3	10.2	4.4	0.0
15°	60.4	45.3	25.7	17.6	10.4	4.4	0.0
12.5°	61.5	46.5	26.2	17.9	10.5	4.5	0.0
10°	62.4	47.5	26.6	18.1	10.6	4.5	0.0
7.5°	63.2	48.2	27.0	18.2	10.7	4.6	0.0
5°	63.8	48.8	27.3	18.3	10.8	4.6	0.0
2.5°	64.3	49.1	27.5	18.4	10.8	4.6	0.0
0°	64.6	49.2	27.7	18.4	10.8	4.6	0.0
-2.5°	64.3	49.1	27.5	18.4	10.8	4.6	0.0
-5°	63.8	48.8	27.3	18.3	10.8	4.6	0.0
-7.5°	63.2	48.2	27.0	18.2	10.7	4.6	0.0
-10°	62.4	47.5	26.6	18.1	10.6	4.5	0.0
-12.5°	61.5	46.5	26.2	17.9	10.5	4.5	0.0
-15°	60.4	45.3	25.7	17.6	10.4	4.4	0.0
-17.5°	59.2	43.9	25.2	17.3	10.2	4.4	0.0
-20°	59.8	42.2	24.6	17.0	10.1	4.3	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	63.3	40.3	24.0	16.7	9.9	4.2	0.0
-25°	66.3	40.3	23.3	16.3	9.6	4.2	0.0
-27.5°	68.8	40.8	22.7	15.8	9.4	4.1	0.0
-30°	70.8	40.8	22.1	15.3	9.1	4.0	0.0
-32.5°	72.1	40.2	22.6	14.8	8.9	3.9	0.0
-35°	71.8	39.2	23.0	14.3	8.6	3.8	0.0
-37.5°	70.3	38.3	23.0	13.7	8.2	3.6	0.0
-40°	68.0	38.3	22.9	13.0	7.9	3.5	0.0
-42.5°	65.0	37.9	22.5	12.5	7.5	3.4	0.0
-45°	61.2	37.0	21.9	12.0	7.2	3.3	0.0
-47.5°	56.6	35.8	21.0	11.4	6.8	3.1	0.0
-50°	53.9	34.1	20.0	10.9	6.4	3.0	0.0
-52.5°	51.0	32.0	18.7	10.3	5.9	2.8	0.0
-55°	47.5	29.7	17.1	9.7	5.5	2.6	0.0
-57.5°	43.5	27.1	15.4	9.0	5.1	2.5	0.0
-60°	38.9	24.2	13.5	8.2	4.6	2.3	0.0
-62.5°	34.4	21.0	12.3	7.5	4.2	2.1	0.0
-65°	29.5	17.6	11.0	6.6	3.9	1.9	0.0
-67.5°	24.2	14.7	9.5	5.7	3.5	1.8	0.0
-70°	18.5	12.5	8.1	4.8	3.1	1.6	0.0
-72.5°	15.0	10.3	6.5	4.1	2.8	1.4	0.0
-75°	11.8	7.9	4.9	3.6	2.4	1.2	0.0
-77.5°	8.5	5.5	4.0	3.0	2.0	1.0	0.0
-80°	5.0	4.0	3.2	2.4	1.6	0.8	0.0
-82.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
-85°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
-87.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)