

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: P558939 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-940-U-WR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558939 (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-SA4C-940-U-WR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6  
Light Source: (64) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

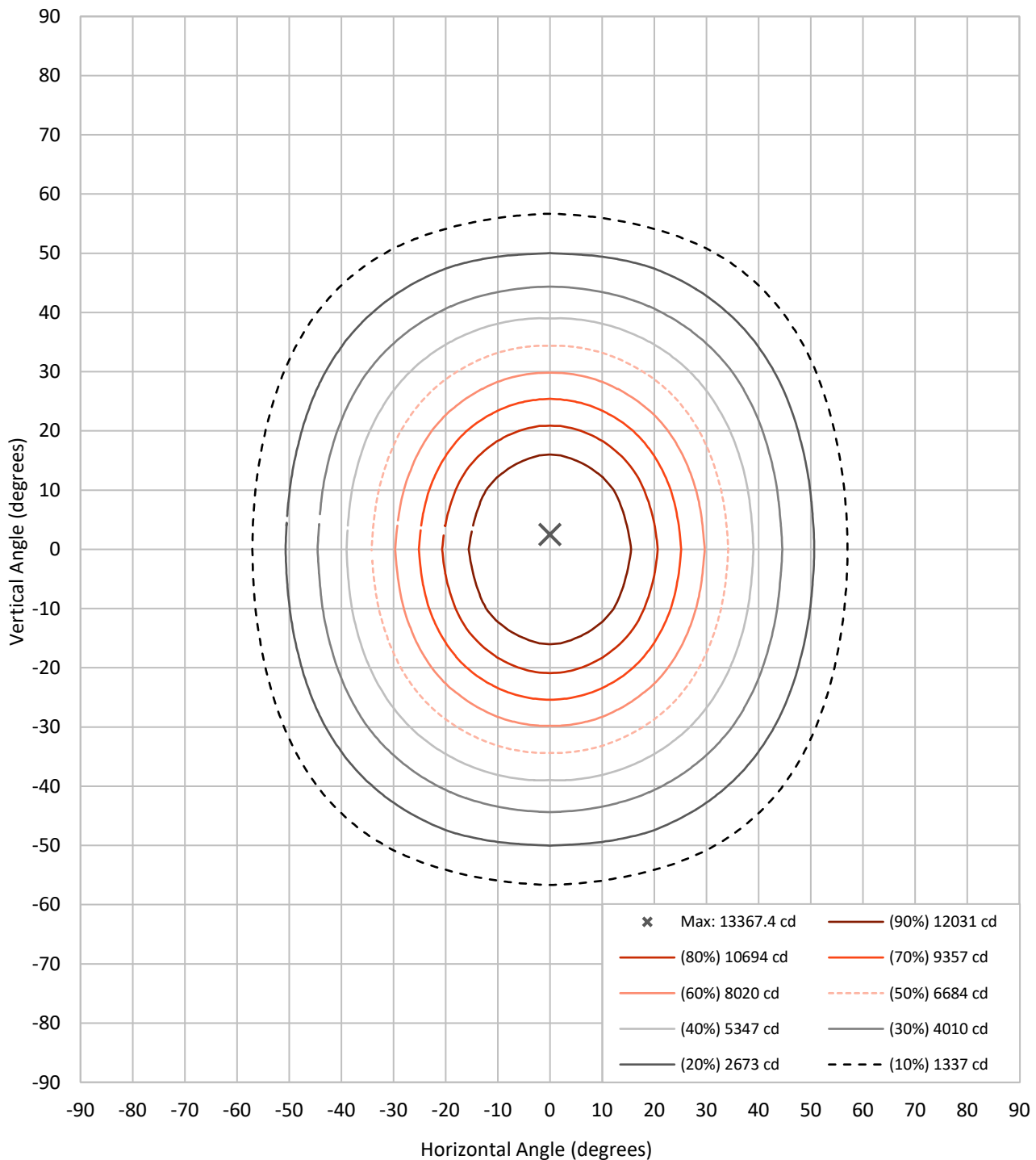
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	18091.6 lumens	Max Intensity:	13367.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	110.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	10847.2 lumens	Field Lumens:	17282.3 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 164  
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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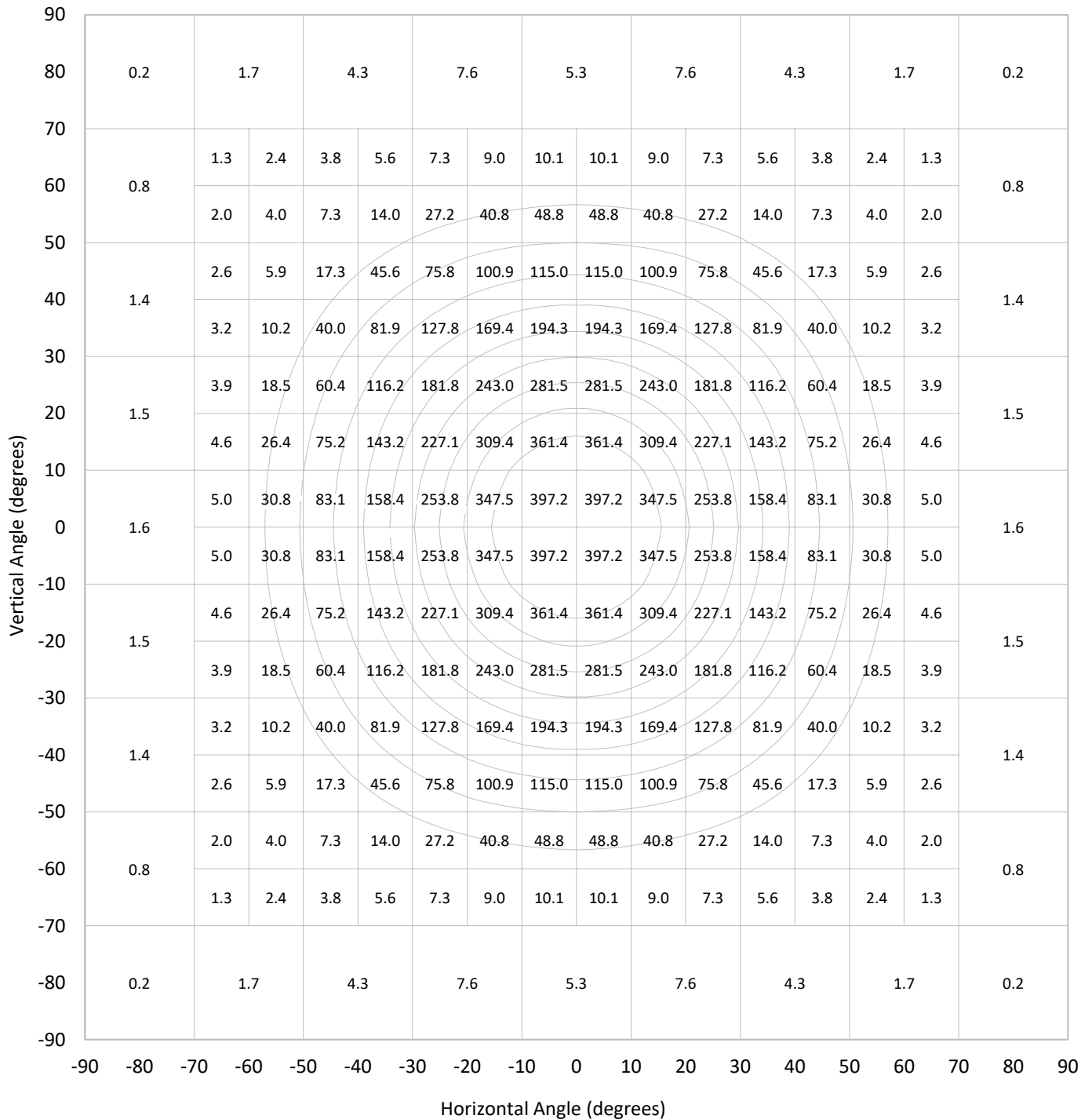
### Iso-Candela Plot





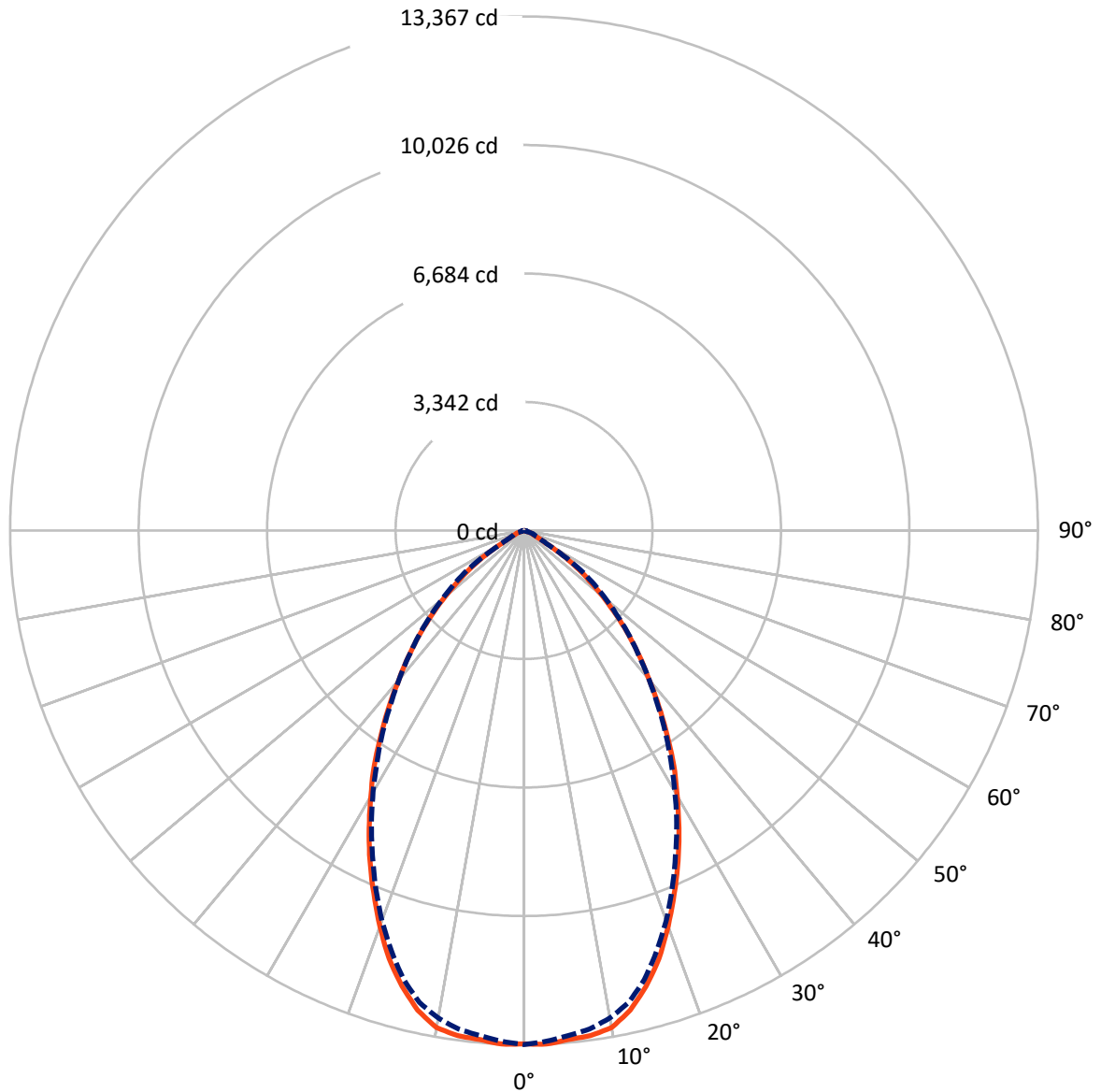
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### Lumen Table



REPORT NUMBER: P558939 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA4C-940-U-WR-XX

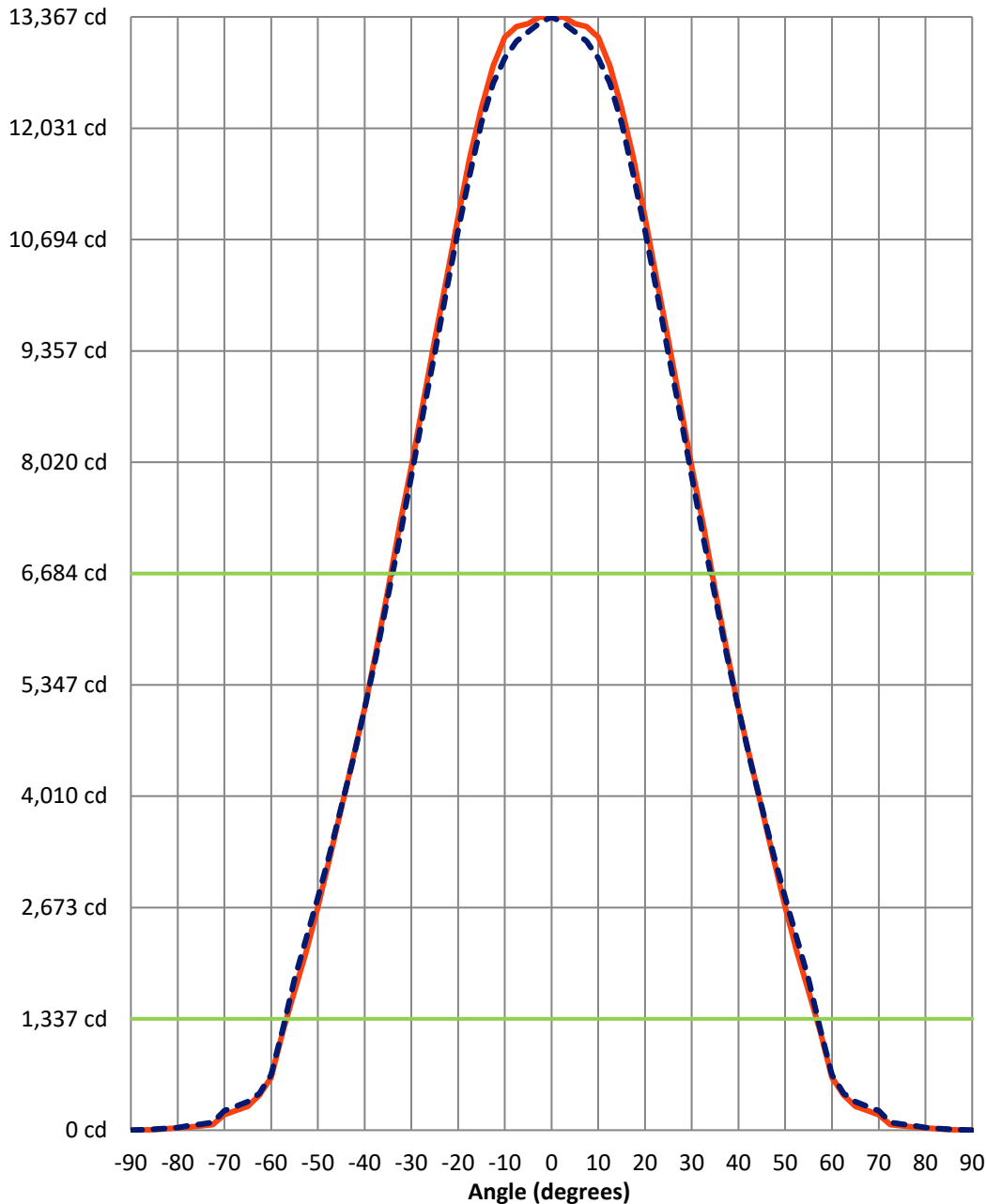
### Luminous Intensity Polar Plot



— 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: 10847.2  
Efficiency: 60.0%

**Field:**  
H Angle: 114°  
V Angle: 113.4°  
Lumens: 17282.3  
Efficiency: 95.5%

**Spill:**  
Lumens: 809.3  
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	0.5	0.7	0.9	1.1	1.3	1.6	1.8	2.0	2.2
85°	0.0	0.5	0.9	1.4	1.8	2.2	2.7	3.1	3.6	4.0	4.4
82.5°	0.0	0.7	1.4	2.0	2.7	3.4	4.0	4.7	5.6	7.6	9.7
80°	0.0	0.9	1.8	2.7	3.6	4.5	5.7	8.3	11.1	13.9	16.8
77.5°	0.0	1.1	2.2	3.4	4.5	6.2	9.5	13.0	16.5	20.1	25.1
75°	0.0	1.3	2.7	4.0	5.5	8.9	13.2	17.6	22.3	29.8	37.2
72.5°	0.0	1.6	3.1	4.7	7.3	11.5	16.8	23.1	31.9	40.5	49.1
70°	0.0	1.8	3.6	5.4	9.0	14.0	20.7	31.4	41.3	51.3	65.3
67.5°	0.0	2.0	4.0	6.4	10.7	16.4	27.0	39.6	50.8	65.5	82.1
65°	0.0	2.2	4.4	7.4	12.2	19.6	33.0	47.6	62.2	79.2	98.0
62.5°	0.0	2.4	4.8	8.3	13.7	23.5	38.5	56.4	73.3	92.7	113.2
60°	0.0	2.6	5.2	9.2	15.1	27.1	43.5	65.0	83.7	107.2	128.5
57.5°	0.0	2.8	5.7	10.0	17.2	30.3	48.6	72.8	96.5	121.7	141.3
55°	0.0	3.0	6.2	10.8	19.1	33.2	53.1	78.9	109.8	135.3	152.9
52.5°	0.0	3.2	6.7	11.5	20.8	35.7	57.0	87.8	123.1	146.0	164.5
50°	0.0	3.3	7.1	12.1	22.3	38.1	60.2	96.2	135.3	156.6	176.6
47.5°	0.0	3.5	7.6	12.7	23.5	40.0	63.3	103.4	144.7	167.1	188.2
45°	0.0	3.7	8.0	13.4	24.4	41.4	68.4	109.6	148.8	176.7	198.9
42.5°	0.0	3.8	8.4	13.9	25.1	42.4	72.6	113.0	151.5	185.5	210.8
40°	0.0	4.0	8.8	14.5	25.6	42.8	76.0	114.3	153.1	193.0	222.5
37.5°	0.0	4.1	9.2	15.2	25.8	42.8	78.6	114.7	154.7	196.2	233.9
35°	0.0	4.3	9.5	15.9	25.7	43.8	80.3	114.1	156.3	203.4	245.1
32.5°	0.0	4.4	9.9	16.5	25.3	45.0	80.6	112.6	157.9	212.6	256.4
30°	0.0	4.5	10.2	17.1	24.7	45.6	79.1	110.9	159.4	223.5	267.1
27.5°	0.0	4.6	10.5	17.7	25.3	45.6	77.0	111.3	163.3	236.0	277.0
25°	0.0	4.7	10.7	18.2	26.1	45.1	74.2	111.3	171.8	245.9	286.5
22.5°	0.0	4.8	11.0	18.6	26.8	45.1	70.8	111.1	180.7	253.5	298.6
20°	0.0	4.9	11.2	19.0	27.5	47.2	66.9	110.4	190.0	260.3	309.3
17.5°	0.0	5.0	11.4	19.4	28.1	49.0	66.2	109.4	199.2	266.5	318.7
15°	0.0	5.0	11.5	19.7	28.7	50.6	67.5	108.8	208.3	271.9	326.7
12.5°	0.0	5.1	11.7	20.0	29.2	52.0	68.7	108.1	216.3	276.6	333.4
10°	0.0	5.1	11.8	20.2	29.7	53.1	69.8	105.9	222.9	280.1	338.4
7.5°	0.0	5.2	11.9	20.4	30.1	53.9	70.7	102.6	228.2	283.0	341.3
5°	0.0	5.2	11.9	20.5	30.4	54.5	71.4	98.2	231.9	285.2	342.8
2.5°	0.0	5.2	12.0	20.6	30.7	54.9	71.9	93.1	233.8	286.5	343.0
0°	0.0	5.2	12.0	20.6	30.9	55.0	72.2	87.6	233.7	287.0	342.0
-2.5°	0.0	5.2	12.0	20.6	30.7	54.9	71.9	93.1	233.8	286.5	343.0
-5°	0.0	5.2	11.9	20.5	30.4	54.5	71.4	98.2	231.9	285.2	342.8
-7.5°	0.0	5.2	11.9	20.4	30.1	53.9	70.7	102.6	228.2	283.0	341.3
-10°	0.0	5.1	11.8	20.2	29.7	53.1	69.8	105.9	222.9	280.1	338.4
-12.5°	0.0	5.1	11.7	20.0	29.2	52.0	68.7	108.1	216.3	276.6	333.4
-15°	0.0	5.0	11.5	19.7	28.7	50.6	67.5	108.8	208.3	271.9	326.7
-17.5°	0.0	5.0	11.4	19.4	28.1	49.0	66.2	109.4	199.2	266.5	318.7
-20°	0.0	4.9	11.2	19.0	27.5	47.2	66.9	110.4	190.0	260.3	309.3



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 CATALOG NUMBER: GFLD-SA4C-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	4.8	11.0	18.6	26.8	45.1	70.8	111.1	180.7	253.5	298.6
-25°	0.0	4.7	10.7	18.2	26.1	45.1	74.2	111.3	171.8	245.9	286.5
-27.5°	0.0	4.6	10.5	17.7	25.3	45.6	77.0	111.3	163.3	236.0	277.0
-30°	0.0	4.5	10.2	17.1	24.7	45.6	79.1	110.9	159.4	223.5	267.1
-32.5°	0.0	4.4	9.9	16.5	25.3	45.0	80.6	112.6	157.9	212.6	256.4
-35°	0.0	4.3	9.5	15.9	25.7	43.8	80.3	114.1	156.3	203.4	245.1
-37.5°	0.0	4.1	9.2	15.2	25.8	42.8	78.6	114.7	154.7	196.2	233.9
-40°	0.0	4.0	8.8	14.5	25.6	42.8	76.0	114.3	153.1	193.0	222.5
-42.5°	0.0	3.8	8.4	13.9	25.1	42.4	72.6	113.0	151.5	185.5	210.8
-45°	0.0	3.7	8.0	13.4	24.4	41.4	68.4	109.6	148.8	176.7	198.9
-47.5°	0.0	3.5	7.6	12.7	23.5	40.0	63.3	103.4	144.7	167.1	188.2
-50°	0.0	3.3	7.1	12.1	22.3	38.1	60.2	96.2	135.3	156.6	176.6
-52.5°	0.0	3.2	6.7	11.5	20.8	35.7	57.0	87.8	123.1	146.0	164.5
-55°	0.0	3.0	6.2	10.8	19.1	33.2	53.1	78.9	109.8	135.3	152.9
-57.5°	0.0	2.8	5.7	10.0	17.2	30.3	48.6	72.8	96.5	121.7	141.3
-60°	0.0	2.6	5.2	9.2	15.1	27.1	43.5	65.0	83.7	107.2	128.5
-62.5°	0.0	2.4	4.8	8.3	13.7	23.5	38.5	56.4	73.3	92.7	113.2
-65°	0.0	2.2	4.4	7.4	12.2	19.6	33.0	47.6	62.2	79.2	98.0
-67.5°	0.0	2.0	4.0	6.4	10.7	16.4	27.0	39.6	50.8	65.5	82.1
-70°	0.0	1.8	3.6	5.4	9.0	14.0	20.7	31.4	41.3	51.3	65.3
-72.5°	0.0	1.6	3.1	4.7	7.3	11.5	16.8	23.1	31.9	40.5	49.1
-75°	0.0	1.3	2.7	4.0	5.5	8.9	13.2	17.6	22.3	29.8	37.2
-77.5°	0.0	1.1	2.2	3.4	4.5	6.2	9.5	13.0	16.5	20.1	25.1
-80°	0.0	0.9	1.8	2.7	3.6	4.5	5.7	8.3	11.1	13.9	16.8
-82.5°	0.0	0.7	1.4	2.0	2.7	3.4	4.0	4.7	5.6	7.6	9.7
-85°	0.0	0.5	0.9	1.4	1.8	2.2	2.7	3.1	3.6	4.0	4.4
-87.5°	0.0	0.2	0.5	0.7	0.9	1.1	1.3	1.6	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





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 CATALOG NUMBER: GFLD-SA4C-940-U-WR-XX

**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°	2.2	2.2	2.1	2.0	2.1	2.2	2.3	2.4	2.2	2.0	1.7
85°	4.4	4.3	4.9	5.2	5.8	6.1	6.3	6.3	7.0	8.0	9.2
82.5°	10.9	11.6	12.1	12.2	12.4	12.3	12.2	12.1	14.9	18.5	22.5
80°	18.3	19.0	21.9	25.1	26.7	26.7	25.3	22.5	26.7	33.3	41.3
77.5°	29.8	34.2	38.8	43.5	44.4	42.2	38.5	33.4	39.4	51.2	64.6
75°	43.4	49.4	56.1	61.1	61.2	57.5	52.7	51.7	61.7	76.0	87.9
72.5°	59.3	68.0	74.5	78.8	78.5	77.9	79.8	84.0	92.2	102.7	111.9
70°	78.5	87.2	92.0	94.3	95.2	99.9	107.0	112.4	118.2	128.6	138.1
67.5°	97.5	104.2	108.4	111.4	119.4	128.6	135.7	142.2	149.4	160.0	168.7
65°	114.5	121.3	127.4	136.3	148.0	156.6	165.1	173.9	186.4	198.3	205.4
62.5°	131.1	138.4	147.5	159.6	172.3	183.3	197.2	212.8	229.1	241.3	255.1
60°	144.0	154.3	167.3	181.7	196.8	214.8	232.6	250.8	267.5	283.7	304.2
57.5°	156.2	171.2	187.3	204.2	224.3	246.7	268.3	288.0	309.1	331.8	354.9
55°	169.6	189.2	207.1	227.3	251.8	280.2	304.3	327.7	352.9	391.0	424.3
52.5°	184.3	206.0	226.3	250.9	281.3	311.7	339.1	371.8	413.9	470.5	562.4
50°	198.2	221.5	245.2	277.0	309.9	341.9	381.5	427.1	511.4	617.0	801.9
47.5°	212.0	236.6	268.0	302.5	338.2	380.5	430.7	530.4	645.2	908.2	1170.3
45°	225.7	254.9	289.6	328.7	371.3	424.4	528.7	651.6	964.0	1266.6	1581.7
42.5°	239.1	273.3	312.9	354.6	410.3	506.4	640.7	965.4	1303.6	1651.0	1953.5
40°	254.2	290.4	336.3	389.2	462.8	608.7	910.2	1275.7	1656.9	1985.1	2279.5
37.5°	268.5	311.3	361.2	422.7	555.0	798.6	1187.0	1592.4	1961.6	2282.3	2596.7
35°	281.6	331.6	391.0	483.3	645.4	1046.8	1467.9	1880.1	2233.0	2575.5	2919.4
32.5°	297.0	351.2	419.6	563.5	852.7	1286.5	1734.5	2127.4	2496.9	2862.1	3255.0
30°	314.0	375.4	459.5	640.0	1058.1	1519.3	1963.2	2364.5	2747.6	3153.3	3574.0
27.5°	330.0	398.8	525.6	788.4	1251.2	1736.7	2171.3	2584.2	2995.5	3427.5	3880.4
25°	344.5	421.1	587.6	951.2	1437.6	1922.2	2362.7	2783.0	3227.1	3696.5	4173.1
22.5°	360.2	442.8	643.5	1099.3	1608.1	2087.3	2531.8	2977.4	3447.4	3944.9	4442.1
20°	377.1	489.1	735.4	1236.2	1763.1	2237.4	2683.6	3158.0	3653.6	4168.8	4694.0
17.5°	392.6	530.0	845.3	1366.0	1893.3	2367.9	2820.1	3321.6	3832.9	4371.5	4924.7
15°	406.4	565.5	942.1	1480.9	2003.9	2478.7	2953.3	3466.8	3992.2	4553.3	5127.8
12.5°	418.6	595.4	1025.4	1580.1	2097.2	2573.4	3065.3	3589.2	4134.2	4712.1	5310.8
10°	429.0	619.9	1094.6	1663.2	2173.1	2651.6	3155.1	3691.1	4247.3	4840.1	5458.4
7.5°	435.6	640.0	1149.3	1729.5	2231.7	2712.8	3222.8	3771.4	4330.0	4939.9	5570.1
5°	439.8	656.4	1188.9	1778.5	2274.3	2759.0	3271.6	3829.1	4383.1	5010.0	5645.1
2.5°	441.8	667.8	1213.0	1809.9	2301.0	2791.4	3312.1	3879.7	4438.9	5059.9	5703.3
0°	441.6	673.6	1221.8	1823.2	2311.2	2806.1	3332.0	3905.9	4474.7	5081.3	5742.9
-2.5°	441.8	667.8	1213.0	1809.9	2301.0	2791.4	3312.1	3879.7	4438.9	5059.9	5703.3
-5°	439.8	656.4	1188.9	1778.5	2274.3	2759.0	3271.6	3829.1	4383.1	5010.0	5645.1
-7.5°	435.6	640.0	1149.3	1729.5	2231.7	2712.8	3222.8	3771.4	4330.0	4939.9	5570.1
-10°	429.0	619.9	1094.6	1663.2	2173.1	2651.6	3155.1	3691.1	4247.3	4840.1	5458.4
-12.5°	418.6	595.4	1025.4	1580.1	2097.2	2573.4	3065.3	3589.2	4134.2	4712.1	5310.8
-15°	406.4	565.5	942.1	1480.9	2003.9	2478.7	2953.3	3466.8	3992.2	4553.3	5127.8
-17.5°	392.6	530.0	845.3	1366.0	1893.3	2367.9	2820.1	3321.6	3832.9	4371.5	4924.7
-20°	377.1	489.1	735.4	1236.2	1763.1	2237.4	2683.6	3158.0	3653.6	4168.8	4694.0



REPORT NUMBER: P558939 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-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°	360.2	442.8	643.5	1099.3	1608.1	2087.3	2531.8	2977.4	3447.4	3944.9	4442.1
-25°	344.5	421.1	587.6	951.2	1437.6	1922.2	2362.7	2783.0	3227.1	3696.5	4173.1
-27.5°	330.0	398.8	525.6	788.4	1251.2	1736.7	2171.3	2584.2	2995.5	3427.5	3880.4
-30°	314.0	375.4	459.5	640.0	1058.1	1519.3	1963.2	2364.5	2747.6	3153.3	3574.0
-32.5°	297.0	351.2	419.6	563.5	852.7	1286.5	1734.5	2127.4	2496.9	2862.1	3255.0
-35°	281.6	331.6	391.0	483.3	645.4	1046.8	1467.9	1880.1	2233.0	2575.5	2919.4
-37.5°	268.5	311.3	361.2	422.7	555.0	798.6	1187.0	1592.4	1961.6	2282.3	2596.7
-40°	254.2	290.4	336.3	389.2	462.8	608.7	910.2	1275.7	1656.9	1985.1	2279.5
-42.5°	239.1	273.3	312.9	354.6	410.3	506.4	640.7	965.4	1303.6	1651.0	1953.5
-45°	225.7	254.9	289.6	328.7	371.3	424.4	528.7	651.6	964.0	1266.6	1581.7
-47.5°	212.0	236.6	268.0	302.5	338.2	380.5	430.7	530.4	645.2	908.2	1170.3
-50°	198.2	221.5	245.2	277.0	309.9	341.9	381.5	427.1	511.4	617.0	801.9
-52.5°	184.3	206.0	226.3	250.9	281.3	311.7	339.1	371.8	413.9	470.5	562.4
-55°	169.6	189.2	207.1	227.3	251.8	280.2	304.3	327.7	352.9	391.0	424.3
-57.5°	156.2	171.2	187.3	204.2	224.3	246.7	268.3	288.0	309.1	331.8	354.9
-60°	144.0	154.3	167.3	181.7	196.8	214.8	232.6	250.8	267.5	283.7	304.2
-62.5°	131.1	138.4	147.5	159.6	172.3	183.3	197.2	212.8	229.1	241.3	255.1
-65°	114.5	121.3	127.4	136.3	148.0	156.6	165.1	173.9	186.4	198.3	205.4
-67.5°	97.5	104.2	108.4	111.4	119.4	128.6	135.7	142.2	149.4	160.0	168.7
-70°	78.5	87.2	92.0	94.3	95.2	99.9	107.0	112.4	118.2	128.6	138.1
-72.5°	59.3	68.0	74.5	78.8	78.5	77.9	79.8	84.0	92.2	102.7	111.9
-75°	43.4	49.4	56.1	61.1	61.2	57.5	52.7	51.7	61.7	76.0	87.9
-77.5°	29.8	34.2	38.8	43.5	44.4	42.2	38.5	33.4	39.4	51.2	64.6
-80°	18.3	19.0	21.9	25.1	26.7	26.7	25.3	22.5	26.7	33.3	41.3
-82.5°	10.9	11.6	12.1	12.2	12.4	12.3	12.2	12.1	14.9	18.5	22.5
-85°	4.4	4.3	4.9	5.2	5.8	6.1	6.3	6.3	7.0	8.0	9.2
-87.5°	2.2	2.2	2.1	2.0	2.1	2.2	2.3	2.4	2.2	2.0	1.7
-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):**

	-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°	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7
85°	10.5	10.3	9.9	9.4	8.7	9.0	9.3	9.5	9.7	9.1	8.4
82.5°	27.0	28.9	30.8	32.8	35.0	34.6	33.7	32.2	30.4	27.1	23.5
80°	50.5	55.2	58.4	60.9	62.9	61.0	58.1	54.7	50.9	45.2	39.0
77.5°	78.4	83.2	85.7	88.6	91.9	92.6	92.7	93.0	93.4	82.9	69.5
75°	97.4	103.7	108.8	113.4	117.5	119.5	120.8	122.1	123.3	109.3	91.0
72.5°	119.7	125.8	130.7	135.7	140.1	143.4	146.0	148.2	149.8	138.5	122.6
70°	145.8	151.9	157.5	162.6	167.7	172.2	176.3	180.1	183.6	184.2	185.1
67.5°	175.2	178.9	185.6	192.1	199.8	205.4	211.7	217.6	223.0	227.6	231.5
65°	211.8	224.7	237.9	244.3	244.8	253.0	265.8	273.0	275.1	276.7	280.7
62.5°	272.9	289.7	298.5	310.0	325.8	343.1	349.7	359.1	370.7	383.7	395.6
60°	321.6	335.9	357.1	378.7	397.9	415.4	457.8	495.4	527.7	555.4	582.1
57.5°	382.0	405.5	438.0	496.6	550.1	598.6	681.4	782.5	872.6	951.5	1020.7
55°	478.2	546.7	608.3	746.6	894.4	1022.2	1141.9	1270.0	1374.2	1455.7	1531.1
52.5°	642.3	830.6	1021.5	1201.0	1377.6	1538.3	1682.5	1796.0	1884.5	1951.0	2014.0
50°	1028.2	1255.2	1487.7	1701.9	1875.3	2033.7	2183.9	2296.4	2390.6	2471.7	2543.5
47.5°	1449.0	1714.6	1934.4	2131.9	2318.8	2494.6	2658.8	2795.8	2911.8	3018.8	3107.9
45°	1867.6	2105.3	2330.6	2542.5	2745.9	2942.9	3119.6	3275.4	3428.9	3555.8	3656.1
42.5°	2221.7	2473.3	2713.0	2955.5	3182.9	3403.9	3617.3	3806.8	3969.9	4108.5	4220.1
40°	2561.5	2832.8	3117.5	3386.7	3656.7	3908.9	4145.3	4361.7	4547.4	4711.6	4850.5
37.5°	2907.4	3224.2	3536.9	3843.7	4141.2	4415.5	4686.8	4936.4	5154.0	5346.1	5507.4
35°	3272.5	3621.5	3961.9	4307.5	4632.4	4949.8	5249.7	5524.5	5765.5	5991.8	6186.3
32.5°	3638.1	4016.3	4399.5	4773.6	5133.5	5489.0	5817.8	6127.6	6412.6	6663.0	6870.7
30°	3994.2	4410.6	4820.6	5228.1	5638.8	6026.1	6390.5	6730.7	7039.9	7312.7	7548.6
27.5°	4335.8	4783.4	5223.2	5689.3	6135.6	6556.9	6952.8	7318.5	7663.6	7973.9	8241.7
25°	4651.9	5127.4	5640.0	6128.8	6606.4	7073.7	7507.4	7904.7	8299.3	8640.7	8931.4
22.5°	4950.6	5481.2	6020.9	6533.6	7060.6	7574.4	8059.8	8520.3	8941.7	9299.4	9609.4
20°	5234.6	5805.6	6361.7	6929.3	7500.0	8054.4	8588.9	9081.0	9526.3	9916.0	10265.7
17.5°	5502.9	6093.7	6684.7	7290.7	7907.1	8489.9	9056.2	9591.5	10077.7	10510.1	10904.2
15°	5734.9	6345.5	6978.2	7622.4	8267.0	8886.7	9487.8	10071.0	10617.8	11088.5	11486.0
12.5°	5932.1	6568.2	7237.5	7913.4	8592.9	9242.5	9879.5	10503.5	11084.9	11591.0	11999.1
10°	6095.7	6762.1	7461.3	8165.2	8862.1	9537.1	10199.7	10845.3	11469.7	11994.3	12413.5
7.5°	6232.0	6924.0	7639.3	8364.5	9067.7	9768.6	10459.6	11111.9	11727.0	12280.1	12711.0
5°	6333.8	7037.4	7767.8	8511.0	9225.1	9951.0	10662.5	11330.1	11939.1	12440.3	12792.0
2.5°	6409.6	7107.9	7851.2	8599.4	9322.9	10075.0	10801.7	11469.9	12093.3	12567.6	12872.2
0°	6461.2	7146.8	7927.0	8660.7	9396.2	10167.7	10886.0	11561.4	12186.9	12650.8	12965.3
-2.5°	6409.6	7107.9	7851.2	8599.4	9322.9	10075.0	10801.7	11469.9	12093.3	12567.6	12872.2
-5°	6333.8	7037.4	7767.8	8511.0	9225.1	9951.0	10662.5	11330.1	11939.1	12440.3	12792.0
-7.5°	6232.0	6924.0	7639.3	8364.5	9067.7	9768.6	10459.6	11111.9	11727.0	12280.1	12711.0
-10°	6095.7	6762.1	7461.3	8165.2	8862.1	9537.1	10199.7	10845.3	11469.7	11994.3	12413.5
-12.5°	5932.1	6568.2	7237.5	7913.4	8592.9	9242.5	9879.5	10503.5	11084.9	11591.0	11999.1
-15°	5734.9	6345.5	6978.2	7622.4	8267.0	8886.7	9487.8	10071.0	10617.8	11088.5	11486.0
-17.5°	5502.9	6093.7	6684.7	7290.7	7907.1	8489.9	9056.2	9591.5	10077.7	10510.1	10904.2
-20°	5234.6	5805.6	6361.7	6929.3	7500.0	8054.4	8588.9	9081.0	9526.3	9916.0	10265.7



REPORT NUMBER: P558939 (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°
-22.5°	4950.6	5481.2	6020.9	6533.6	7060.6	7574.4	8059.8	8520.3	8941.7	9299.4	9609.4
-25°	4651.9	5127.4	5640.0	6128.8	6606.4	7073.7	7507.4	7904.7	8299.3	8640.7	8931.4
-27.5°	4335.8	4783.4	5223.2	5689.3	6135.6	6556.9	6952.8	7318.5	7663.6	7973.9	8241.7
-30°	3994.2	4410.6	4820.6	5228.1	5638.8	6026.1	6390.5	6730.7	7039.9	7312.7	7548.6
-32.5°	3638.1	4016.3	4399.5	4773.6	5133.5	5489.0	5817.8	6127.6	6412.6	6663.0	6870.7
-35°	3272.5	3621.5	3961.9	4307.5	4632.4	4949.8	5249.7	5524.5	5765.5	5991.8	6186.3
-37.5°	2907.4	3224.2	3536.9	3843.7	4141.2	4415.5	4686.8	4936.4	5154.0	5346.1	5507.4
-40°	2561.5	2832.8	3117.5	3386.7	3656.7	3908.9	4145.3	4361.7	4547.4	4711.6	4850.5
-42.5°	2221.7	2473.3	2713.0	2955.5	3182.9	3403.9	3617.3	3806.8	3969.9	4108.5	4220.1
-45°	1867.6	2105.3	2330.6	2542.5	2745.9	2942.9	3119.6	3275.4	3428.9	3555.8	3656.1
-47.5°	1449.0	1714.6	1934.4	2131.9	2318.8	2494.6	2658.8	2795.8	2911.8	3018.8	3107.9
-50°	1028.2	1255.2	1487.7	1701.9	1875.3	2033.7	2183.9	2296.4	2390.6	2471.7	2543.5
-52.5°	642.3	830.6	1021.5	1201.0	1377.6	1538.3	1682.5	1796.0	1884.5	1951.0	2014.0
-55°	478.2	546.7	608.3	746.6	894.4	1022.2	1141.9	1270.0	1374.2	1455.7	1531.1
-57.5°	382.0	405.5	438.0	496.6	550.1	598.6	681.4	782.5	872.6	951.5	1020.7
-60°	321.6	335.9	357.1	378.7	397.9	415.4	457.8	495.4	527.7	555.4	582.1
-62.5°	272.9	289.7	298.5	310.0	325.8	343.1	349.7	359.1	370.7	383.7	395.6
-65°	211.8	224.7	237.9	244.3	244.8	253.0	265.8	273.0	275.1	276.7	280.7
-67.5°	175.2	178.9	185.6	192.1	199.8	205.4	211.7	217.6	223.0	227.6	231.5
-70°	145.8	151.9	157.5	162.6	167.7	172.2	176.3	180.1	183.6	184.2	185.1
-72.5°	119.7	125.8	130.7	135.7	140.1	143.4	146.0	148.2	149.8	138.5	122.6
-75°	97.4	103.7	108.8	113.4	117.5	119.5	120.8	122.1	123.3	109.3	91.0
-77.5°	78.4	83.2	85.7	88.6	91.9	92.6	92.7	93.0	93.4	82.9	69.5
-80°	50.5	55.2	58.4	60.9	62.9	61.0	58.1	54.7	50.9	45.2	39.0
-82.5°	27.0	28.9	30.8	32.8	35.0	34.6	33.7	32.2	30.4	27.1	23.5
-85°	10.5	10.3	9.9	9.4	8.7	9.0	9.3	9.5	9.7	9.1	8.4
-87.5°	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7
-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: P558939 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-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°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6
85°	7.7	6.9	6.9	6.9	6.9	6.9	7.7	8.4	9.1	9.7	9.5
82.5°	19.6	15.5	16.3	17.2	16.3	15.5	19.6	23.5	27.1	30.4	32.2
80°	32.5	25.9	26.6	27.5	26.6	25.9	32.5	39.0	45.2	50.9	54.7
77.5°	55.1	40.0	38.6	37.8	38.6	40.0	55.1	69.5	82.9	93.4	93.0
75°	72.1	52.7	51.5	51.6	51.5	52.7	72.1	91.0	109.3	123.3	122.1
72.5°	106.4	90.0	78.6	67.0	78.6	90.0	106.4	122.6	138.5	149.8	148.2
70°	187.0	189.3	188.4	185.6	188.4	189.3	187.0	185.1	184.2	183.6	180.1
67.5°	234.7	237.2	237.6	237.1	237.6	237.2	234.7	231.5	227.6	223.0	217.6
65°	283.6	285.2	286.5	287.0	286.5	285.2	283.6	280.7	276.7	275.1	273.0
62.5°	404.5	410.4	416.6	421.0	416.6	410.4	404.5	395.6	383.7	370.7	359.1
60°	605.5	624.7	633.3	634.1	633.3	624.7	605.5	582.1	555.4	527.7	495.4
57.5°	1076.2	1117.7	1154.6	1182.3	1154.6	1117.7	1076.2	1020.7	951.5	872.6	782.5
55°	1591.2	1635.3	1660.2	1666.8	1660.2	1635.3	1591.2	1531.1	1455.7	1374.2	1270.0
52.5°	2061.8	2091.1	2118.9	2142.8	2118.9	2091.1	2061.8	2014.0	1951.0	1884.5	1796.0
50°	2597.6	2630.3	2657.9	2679.0	2657.9	2630.3	2597.6	2543.5	2471.7	2390.6	2296.4
47.5°	3170.5	3210.5	3240.0	3259.8	3240.0	3210.5	3170.5	3107.9	3018.8	2911.8	2795.8
45°	3742.0	3810.6	3852.2	3859.5	3852.2	3810.6	3742.0	3656.1	3555.8	3428.9	3275.4
42.5°	4316.5	4382.2	4426.5	4459.2	4426.5	4382.2	4316.5	4220.1	4108.5	3969.9	3806.8
40°	4966.3	5048.8	5086.6	5062.4	5086.6	5048.8	4966.3	4850.5	4711.6	4547.4	4361.7
37.5°	5631.8	5716.6	5760.3	5758.3	5760.3	5716.6	5631.8	5507.4	5346.1	5154.0	4936.4
35°	6337.5	6442.7	6499.5	6485.2	6499.5	6442.7	6337.5	6186.3	5991.8	5765.5	5524.5
32.5°	7036.6	7163.6	7245.7	7258.5	7245.7	7163.6	7036.6	6870.7	6663.0	6412.6	6127.6
30°	7737.8	7875.2	7956.8	7964.8	7956.8	7875.2	7737.8	7548.6	7312.7	7039.9	6730.7
27.5°	8466.5	8620.1	8705.5	8726.0	8705.5	8620.1	8466.5	8241.7	7973.9	7663.6	7318.5
25°	9179.3	9349.9	9448.0	9485.5	9448.0	9349.9	9179.3	8931.4	8640.7	8299.3	7904.7
22.5°	9866.8	10053.9	10181.6	10214.1	10181.6	10053.9	9866.8	9609.4	9299.4	8941.7	8520.3
20°	10556.2	10777.0	10940.4	10956.5	10940.4	10777.0	10556.2	10265.7	9916.0	9526.3	9081.0
17.5°	11220.1	11458.9	11633.8	11676.5	11633.8	11458.9	11220.1	10904.2	10510.1	10077.7	9591.5
15°	11814.4	12065.0	12233.9	12271.1	12233.9	12065.0	11814.4	11486.0	11088.5	10617.8	10071.0
12.5°	12327.2	12558.3	12715.9	12776.3	12715.9	12558.3	12327.2	11999.1	11591.0	11084.9	10503.5
10°	12740.4	12918.9	13059.8	13123.4	13059.8	12918.9	12740.4	12413.5	11994.3	11469.7	10845.3
7.5°	12971.0	13117.9	13215.5	13250.5	13215.5	13117.9	12971.0	12711.0	12280.1	11727.0	11111.9
5°	13062.2	13202.9	13255.8	13286.6	13255.8	13202.9	13062.2	12792.0	12440.3	11939.1	11330.1
2.5°	13074.6	13187.3	13295.9	13367.4	13295.9	13187.3	13074.6	12872.2	12567.6	12093.3	11469.9
0°	13147.4	13257.4	13317.6	13351.9	13317.6	13257.4	13147.4	12965.3	12650.8	12186.9	11561.4
-2.5°	13074.6	13187.3	13295.9	13367.4	13295.9	13187.3	13074.6	12872.2	12567.6	12093.3	11469.9
-5°	13062.2	13202.9	13255.8	13286.6	13255.8	13202.9	13062.2	12792.0	12440.3	11939.1	11330.1
-7.5°	12971.0	13117.9	13215.5	13250.5	13215.5	13117.9	12971.0	12711.0	12280.1	11727.0	11111.9
-10°	12740.4	12918.9	13059.8	13123.4	13059.8	12918.9	12740.4	12413.5	11994.3	11469.7	10845.3
-12.5°	12327.2	12558.3	12715.9	12776.3	12715.9	12558.3	12327.2	11999.1	11591.0	11084.9	10503.5
-15°	11814.4	12065.0	12233.9	12271.1	12233.9	12065.0	11814.4	11486.0	11088.5	10617.8	10071.0
-17.5°	11220.1	11458.9	11633.8	11676.5	11633.8	11458.9	11220.1	10904.2	10510.1	10077.7	9591.5
-20°	10556.2	10777.0	10940.4	10956.5	10940.4	10777.0	10556.2	10265.7	9916.0	9526.3	9081.0



REPORT NUMBER: P558939 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-940-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9866.8	10053.9	10181.6	10214.1	10181.6	10053.9	9866.8	9609.4	9299.4	8941.7	8520.3
-25°	9179.3	9349.9	9448.0	9485.5	9448.0	9349.9	9179.3	8931.4	8640.7	8299.3	7904.7
-27.5°	8466.5	8620.1	8705.5	8726.0	8705.5	8620.1	8466.5	8241.7	7973.9	7663.6	7318.5
-30°	7737.8	7875.2	7956.8	7964.8	7956.8	7875.2	7737.8	7548.6	7312.7	7039.9	6730.7
-32.5°	7036.6	7163.6	7245.7	7258.5	7245.7	7163.6	7036.6	6870.7	6663.0	6412.6	6127.6
-35°	6337.5	6442.7	6499.5	6485.2	6499.5	6442.7	6337.5	6186.3	5991.8	5765.5	5524.5
-37.5°	5631.8	5716.6	5760.3	5758.3	5760.3	5716.6	5631.8	5507.4	5346.1	5154.0	4936.4
-40°	4966.3	5048.8	5086.6	5062.4	5086.6	5048.8	4966.3	4850.5	4711.6	4547.4	4361.7
-42.5°	4316.5	4382.2	4426.5	4459.2	4426.5	4382.2	4316.5	4220.1	4108.5	3969.9	3806.8
-45°	3742.0	3810.6	3852.2	3859.5	3852.2	3810.6	3742.0	3656.1	3555.8	3428.9	3275.4
-47.5°	3170.5	3210.5	3240.0	3259.8	3240.0	3210.5	3170.5	3107.9	3018.8	2911.8	2795.8
-50°	2597.6	2630.3	2657.9	2679.0	2657.9	2630.3	2597.6	2543.5	2471.7	2390.6	2296.4
-52.5°	2061.8	2091.1	2118.9	2142.8	2118.9	2091.1	2061.8	2014.0	1951.0	1884.5	1796.0
-55°	1591.2	1635.3	1660.2	1666.8	1660.2	1635.3	1591.2	1531.1	1455.7	1374.2	1270.0
-57.5°	1076.2	1117.7	1154.6	1182.3	1154.6	1117.7	1076.2	1020.7	951.5	872.6	782.5
-60°	605.5	624.7	633.3	634.1	633.3	624.7	605.5	582.1	555.4	527.7	495.4
-62.5°	404.5	410.4	416.6	421.0	416.6	410.4	404.5	395.6	383.7	370.7	359.1
-65°	283.6	285.2	286.5	287.0	286.5	285.2	283.6	280.7	276.7	275.1	273.0
-67.5°	234.7	237.2	237.6	237.1	237.6	237.2	234.7	231.5	227.6	223.0	217.6
-70°	187.0	189.3	188.4	185.6	188.4	189.3	187.0	185.1	184.2	183.6	180.1
-72.5°	106.4	90.0	78.6	67.0	78.6	90.0	106.4	122.6	138.5	149.8	148.2
-75°	72.1	52.7	51.5	51.6	51.5	52.7	72.1	91.0	109.3	123.3	122.1
-77.5°	55.1	40.0	38.6	37.8	38.6	40.0	55.1	69.5	82.9	93.4	93.0
-80°	32.5	25.9	26.6	27.5	26.6	25.9	32.5	39.0	45.2	50.9	54.7
-82.5°	19.6	15.5	16.3	17.2	16.3	15.5	19.6	23.5	27.1	30.4	32.2
-85°	7.7	6.9	6.9	6.9	6.9	6.9	7.7	8.4	9.1	9.7	9.5
-87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6
-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: P558939 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-940-U-WR-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°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.7	2.0	2.2	2.4
85°	9.3	9.0	8.7	9.4	9.9	10.3	10.5	9.2	8.0	7.0	6.3
82.5°	33.7	34.6	35.0	32.8	30.8	28.9	27.0	22.5	18.5	14.9	12.1
80°	58.1	61.0	62.9	60.9	58.4	55.2	50.5	41.3	33.3	26.7	22.5
77.5°	92.7	92.6	91.9	88.6	85.7	83.2	78.4	64.6	51.2	39.4	33.4
75°	120.8	119.5	117.5	113.4	108.8	103.7	97.4	87.9	76.0	61.7	51.7
72.5°	146.0	143.4	140.1	135.7	130.7	125.8	119.7	111.9	102.7	92.2	84.0
70°	176.3	172.2	167.7	162.6	157.5	151.9	145.8	138.1	128.6	118.2	112.4
67.5°	211.7	205.4	199.8	192.1	185.6	178.9	175.2	168.7	160.0	149.4	142.2
65°	265.8	253.0	244.8	244.3	237.9	224.7	211.8	205.4	198.3	186.4	173.9
62.5°	349.7	343.1	325.8	310.0	298.5	289.7	272.9	255.1	241.3	229.1	212.8
60°	457.8	415.4	397.9	378.7	357.1	335.9	321.6	304.2	283.7	267.5	250.8
57.5°	681.4	598.6	550.1	496.6	438.0	405.5	382.0	354.9	331.8	309.1	288.0
55°	1141.9	1022.2	894.4	746.6	608.3	546.7	478.2	424.3	391.0	352.9	327.7
52.5°	1682.5	1538.3	1377.6	1201.0	1021.5	830.6	642.3	562.4	470.5	413.9	371.8
50°	2183.9	2033.7	1875.3	1701.9	1487.7	1255.2	1028.2	801.9	617.0	511.4	427.1
47.5°	2658.8	2494.6	2318.8	2131.9	1934.4	1714.6	1449.0	1170.3	908.2	645.2	530.4
45°	3119.6	2942.9	2745.9	2542.5	2330.6	2105.3	1867.6	1581.7	1266.6	964.0	651.6
42.5°	3617.3	3403.9	3182.9	2955.5	2713.0	2473.3	2221.7	1953.5	1651.0	1303.6	965.4
40°	4145.3	3908.9	3656.7	3386.7	3117.5	2832.8	2561.5	2279.5	1985.1	1656.9	1275.7
37.5°	4686.8	4415.5	4141.2	3843.7	3536.9	3224.2	2907.4	2596.7	2282.3	1961.6	1592.4
35°	5249.7	4949.8	4632.4	4307.5	3961.9	3621.5	3272.5	2919.4	2575.5	2233.0	1880.1
32.5°	5817.8	5489.0	5133.5	4773.6	4399.5	4016.3	3638.1	3255.0	2862.1	2496.9	2127.4
30°	6390.5	6026.1	5638.8	5228.1	4820.6	4410.6	3994.2	3574.0	3153.3	2747.6	2364.5
27.5°	6952.8	6556.9	6135.6	5689.3	5223.2	4783.4	4335.8	3880.4	3427.5	2995.5	2584.2
25°	7507.4	7073.7	6606.4	6128.8	5640.0	5127.4	4651.9	4173.1	3696.5	3227.1	2783.0
22.5°	8059.8	7574.4	7060.6	6533.6	6020.9	5481.2	4950.6	4442.1	3944.9	3447.4	2977.4
20°	8588.9	8054.4	7500.0	6929.3	6361.7	5805.6	5234.6	4694.0	4168.8	3653.6	3158.0
17.5°	9056.2	8489.9	7907.1	7290.7	6684.7	6093.7	5502.9	4924.7	4371.5	3832.9	3321.6
15°	9487.8	8886.7	8267.0	7622.4	6978.2	6345.5	5734.9	5127.8	4553.3	3992.2	3466.8
12.5°	9879.5	9242.5	8592.9	7913.4	7237.5	6568.2	5932.1	5310.8	4712.1	4134.2	3589.2
10°	10199.7	9537.1	8862.1	8165.2	7461.3	6762.1	6095.7	5458.4	4840.1	4247.3	3691.1
7.5°	10459.6	9768.6	9067.7	8364.5	7639.3	6924.0	6232.0	5570.1	4939.9	4330.0	3771.4
5°	10662.5	9951.0	9225.1	8511.0	7767.8	7037.4	6333.8	5645.1	5010.0	4383.1	3829.1
2.5°	10801.7	10075.0	9322.9	8599.4	7851.2	7107.9	6409.6	5703.3	5059.9	4438.9	3879.7
0°	10886.0	10167.7	9396.2	8660.7	7927.0	7146.8	6461.2	5742.9	5081.3	4474.7	3905.9
-2.5°	10801.7	10075.0	9322.9	8599.4	7851.2	7107.9	6409.6	5703.3	5059.9	4438.9	3879.7
-5°	10662.5	9951.0	9225.1	8511.0	7767.8	7037.4	6333.8	5645.1	5010.0	4383.1	3829.1
-7.5°	10459.6	9768.6	9067.7	8364.5	7639.3	6924.0	6232.0	5570.1	4939.9	4330.0	3771.4
-10°	10199.7	9537.1	8862.1	8165.2	7461.3	6762.1	6095.7	5458.4	4840.1	4247.3	3691.1
-12.5°	9879.5	9242.5	8592.9	7913.4	7237.5	6568.2	5932.1	5310.8	4712.1	4134.2	3589.2
-15°	9487.8	8886.7	8267.0	7622.4	6978.2	6345.5	5734.9	5127.8	4553.3	3992.2	3466.8
-17.5°	9056.2	8489.9	7907.1	7290.7	6684.7	6093.7	5502.9	4924.7	4371.5	3832.9	3321.6
-20°	8588.9	8054.4	7500.0	6929.3	6361.7	5805.6	5234.6	4694.0	4168.8	3653.6	3158.0



REPORT NUMBER: P558939 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-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°	8059.8	7574.4	7060.6	6533.6	6020.9	5481.2	4950.6	4442.1	3944.9	3447.4	2977.4
-25°	7507.4	7073.7	6606.4	6128.8	5640.0	5127.4	4651.9	4173.1	3696.5	3227.1	2783.0
-27.5°	6952.8	6556.9	6135.6	5689.3	5223.2	4783.4	4335.8	3880.4	3427.5	2995.5	2584.2
-30°	6390.5	6026.1	5638.8	5228.1	4820.6	4410.6	3994.2	3574.0	3153.3	2747.6	2364.5
-32.5°	5817.8	5489.0	5133.5	4773.6	4399.5	4016.3	3638.1	3255.0	2862.1	2496.9	2127.4
-35°	5249.7	4949.8	4632.4	4307.5	3961.9	3621.5	3272.5	2919.4	2575.5	2233.0	1880.1
-37.5°	4686.8	4415.5	4141.2	3843.7	3536.9	3224.2	2907.4	2596.7	2282.3	1961.6	1592.4
-40°	4145.3	3908.9	3656.7	3386.7	3117.5	2832.8	2561.5	2279.5	1985.1	1656.9	1275.7
-42.5°	3617.3	3403.9	3182.9	2955.5	2713.0	2473.3	2221.7	1953.5	1651.0	1303.6	965.4
-45°	3119.6	2942.9	2745.9	2542.5	2330.6	2105.3	1867.6	1581.7	1266.6	964.0	651.6
-47.5°	2658.8	2494.6	2318.8	2131.9	1934.4	1714.6	1449.0	1170.3	908.2	645.2	530.4
-50°	2183.9	2033.7	1875.3	1701.9	1487.7	1255.2	1028.2	801.9	617.0	511.4	427.1
-52.5°	1682.5	1538.3	1377.6	1201.0	1021.5	830.6	642.3	562.4	470.5	413.9	371.8
-55°	1141.9	1022.2	894.4	746.6	608.3	546.7	478.2	424.3	391.0	352.9	327.7
-57.5°	681.4	598.6	550.1	496.6	438.0	405.5	382.0	354.9	331.8	309.1	288.0
-60°	457.8	415.4	397.9	378.7	357.1	335.9	321.6	304.2	283.7	267.5	250.8
-62.5°	349.7	343.1	325.8	310.0	298.5	289.7	272.9	255.1	241.3	229.1	212.8
-65°	265.8	253.0	244.8	244.3	237.9	224.7	211.8	205.4	198.3	186.4	173.9
-67.5°	211.7	205.4	199.8	192.1	185.6	178.9	175.2	168.7	160.0	149.4	142.2
-70°	176.3	172.2	167.7	162.6	157.5	151.9	145.8	138.1	128.6	118.2	112.4
-72.5°	146.0	143.4	140.1	135.7	130.7	125.8	119.7	111.9	102.7	92.2	84.0
-75°	120.8	119.5	117.5	113.4	108.8	103.7	97.4	87.9	76.0	61.7	51.7
-77.5°	92.7	92.6	91.9	88.6	85.7	83.2	78.4	64.6	51.2	39.4	33.4
-80°	58.1	61.0	62.9	60.9	58.4	55.2	50.5	41.3	33.3	26.7	22.5
-82.5°	33.7	34.6	35.0	32.8	30.8	28.9	27.0	22.5	18.5	14.9	12.1
-85°	9.3	9.0	8.7	9.4	9.9	10.3	10.5	9.2	8.0	7.0	6.3
-87.5°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.7	2.0	2.2	2.4
-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: P558939 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-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°	2.3	2.2	2.1	2.0	2.1	2.2	2.2	2.2	2.0	1.8	1.6
85°	6.3	6.1	5.8	5.2	4.9	4.3	4.4	4.4	4.0	3.6	3.1
82.5°	12.2	12.3	12.4	12.2	12.1	11.6	10.9	9.7	7.6	5.6	4.7
80°	25.3	26.7	26.7	25.1	21.9	19.0	18.3	16.8	13.9	11.1	8.3
77.5°	38.5	42.2	44.4	43.5	38.8	34.2	29.8	25.1	20.1	16.5	13.0
75°	52.7	57.5	61.2	61.1	56.1	49.4	43.4	37.2	29.8	22.3	17.6
72.5°	79.8	77.9	78.5	78.8	74.5	68.0	59.3	49.1	40.5	31.9	23.1
70°	107.0	99.9	95.2	94.3	92.0	87.2	78.5	65.3	51.3	41.3	31.4
67.5°	135.7	128.6	119.4	111.4	108.4	104.2	97.5	82.1	65.5	50.8	39.6
65°	165.1	156.6	148.0	136.3	127.4	121.3	114.5	98.0	79.2	62.2	47.6
62.5°	197.2	183.3	172.3	159.6	147.5	138.4	131.1	113.2	92.7	73.3	56.4
60°	232.6	214.8	196.8	181.7	167.3	154.3	144.0	128.5	107.2	83.7	65.0
57.5°	268.3	246.7	224.3	204.2	187.3	171.2	156.2	141.3	121.7	96.5	72.8
55°	304.3	280.2	251.8	227.3	207.1	189.2	169.6	152.9	135.3	109.8	78.9
52.5°	339.1	311.7	281.3	250.9	226.3	206.0	184.3	164.5	146.0	123.1	87.8
50°	381.5	341.9	309.9	277.0	245.2	221.5	198.2	176.6	156.6	135.3	96.2
47.5°	430.7	380.5	338.2	302.5	268.0	236.6	212.0	188.2	167.1	144.7	103.4
45°	528.7	424.4	371.3	328.7	289.6	254.9	225.7	198.9	176.7	148.8	109.6
42.5°	640.7	506.4	410.3	354.6	312.9	273.3	239.1	210.8	185.5	151.5	113.0
40°	910.2	608.7	462.8	389.2	336.3	290.4	254.2	222.5	193.0	153.1	114.3
37.5°	1187.0	798.6	555.0	422.7	361.2	311.3	268.5	233.9	196.2	154.7	114.7
35°	1467.9	1046.8	645.4	483.3	391.0	331.6	281.6	245.1	203.4	156.3	114.1
32.5°	1734.5	1286.5	852.7	563.5	419.6	351.2	297.0	256.4	212.6	157.9	112.6
30°	1963.2	1519.3	1058.1	640.0	459.5	375.4	314.0	267.1	223.5	159.4	110.9
27.5°	2171.3	1736.7	1251.2	788.4	525.6	398.8	330.0	277.0	236.0	163.3	111.3
25°	2362.7	1922.2	1437.6	951.2	587.6	421.1	344.5	286.5	245.9	171.8	111.3
22.5°	2531.8	2087.3	1608.1	1099.3	643.5	442.8	360.2	298.6	253.5	180.7	111.1
20°	2683.6	2237.4	1763.1	1236.2	735.4	489.1	377.1	309.3	260.3	190.0	110.4
17.5°	2820.1	2367.9	1893.3	1366.0	845.3	530.0	392.6	318.7	266.5	199.2	109.4
15°	2953.3	2478.7	2003.9	1480.9	942.1	565.5	406.4	326.7	271.9	208.3	108.8
12.5°	3065.3	2573.4	2097.2	1580.1	1025.4	595.4	418.6	333.4	276.6	216.3	108.1
10°	3155.1	2651.6	2173.1	1663.2	1094.6	619.9	429.0	338.4	280.1	222.9	105.9
7.5°	3222.8	2712.8	2231.7	1729.5	1149.3	640.0	435.6	341.3	283.0	228.2	102.6
5°	3271.6	2759.0	2274.3	1778.5	1188.9	656.4	439.8	342.8	285.2	231.9	98.2
2.5°	3312.1	2791.4	2301.0	1809.9	1213.0	667.8	441.8	343.0	286.5	233.8	93.1
0°	3332.0	2806.1	2311.2	1823.2	1221.8	673.6	441.6	342.0	287.0	233.7	87.6
-2.5°	3312.1	2791.4	2301.0	1809.9	1213.0	667.8	441.8	343.0	286.5	233.8	93.1
-5°	3271.6	2759.0	2274.3	1778.5	1188.9	656.4	439.8	342.8	285.2	231.9	98.2
-7.5°	3222.8	2712.8	2231.7	1729.5	1149.3	640.0	435.6	341.3	283.0	228.2	102.6
-10°	3155.1	2651.6	2173.1	1663.2	1094.6	619.9	429.0	338.4	280.1	222.9	105.9
-12.5°	3065.3	2573.4	2097.2	1580.1	1025.4	595.4	418.6	333.4	276.6	216.3	108.1
-15°	2953.3	2478.7	2003.9	1480.9	942.1	565.5	406.4	326.7	271.9	208.3	108.8
-17.5°	2820.1	2367.9	1893.3	1366.0	845.3	530.0	392.6	318.7	266.5	199.2	109.4
-20°	2683.6	2237.4	1763.1	1236.2	735.4	489.1	377.1	309.3	260.3	190.0	110.4



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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°	2531.8	2087.3	1608.1	1099.3	643.5	442.8	360.2	298.6	253.5	180.7	111.1
-25°	2362.7	1922.2	1437.6	951.2	587.6	421.1	344.5	286.5	245.9	171.8	111.3
-27.5°	2171.3	1736.7	1251.2	788.4	525.6	398.8	330.0	277.0	236.0	163.3	111.3
-30°	1963.2	1519.3	1058.1	640.0	459.5	375.4	314.0	267.1	223.5	159.4	110.9
-32.5°	1734.5	1286.5	852.7	563.5	419.6	351.2	297.0	256.4	212.6	157.9	112.6
-35°	1467.9	1046.8	645.4	483.3	391.0	331.6	281.6	245.1	203.4	156.3	114.1
-37.5°	1187.0	798.6	555.0	422.7	361.2	311.3	268.5	233.9	196.2	154.7	114.7
-40°	910.2	608.7	462.8	389.2	336.3	290.4	254.2	222.5	193.0	153.1	114.3
-42.5°	640.7	506.4	410.3	354.6	312.9	273.3	239.1	210.8	185.5	151.5	113.0
-45°	528.7	424.4	371.3	328.7	289.6	254.9	225.7	198.9	176.7	148.8	109.6
-47.5°	430.7	380.5	338.2	302.5	268.0	236.6	212.0	188.2	167.1	144.7	103.4
-50°	381.5	341.9	309.9	277.0	245.2	221.5	198.2	176.6	156.6	135.3	96.2
-52.5°	339.1	311.7	281.3	250.9	226.3	206.0	184.3	164.5	146.0	123.1	87.8
-55°	304.3	280.2	251.8	227.3	207.1	189.2	169.6	152.9	135.3	109.8	78.9
-57.5°	268.3	246.7	224.3	204.2	187.3	171.2	156.2	141.3	121.7	96.5	72.8
-60°	232.6	214.8	196.8	181.7	167.3	154.3	144.0	128.5	107.2	83.7	65.0
-62.5°	197.2	183.3	172.3	159.6	147.5	138.4	131.1	113.2	92.7	73.3	56.4
-65°	165.1	156.6	148.0	136.3	127.4	121.3	114.5	98.0	79.2	62.2	47.6
-67.5°	135.7	128.6	119.4	111.4	108.4	104.2	97.5	82.1	65.5	50.8	39.6
-70°	107.0	99.9	95.2	94.3	92.0	87.2	78.5	65.3	51.3	41.3	31.4
-72.5°	79.8	77.9	78.5	78.8	74.5	68.0	59.3	49.1	40.5	31.9	23.1
-75°	52.7	57.5	61.2	61.1	56.1	49.4	43.4	37.2	29.8	22.3	17.6
-77.5°	38.5	42.2	44.4	43.5	38.8	34.2	29.8	25.1	20.1	16.5	13.0
-80°	25.3	26.7	26.7	25.1	21.9	19.0	18.3	16.8	13.9	11.1	8.3
-82.5°	12.2	12.3	12.4	12.2	12.1	11.6	10.9	9.7	7.6	5.6	4.7
-85°	6.3	6.1	5.8	5.2	4.9	4.3	4.4	4.4	4.0	3.6	3.1
-87.5°	2.3	2.2	2.1	2.0	2.1	2.2	2.2	2.2	2.0	1.8	1.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.3	1.1	0.9	0.7	0.5	0.2	0.0
85°	2.7	2.2	1.8	1.4	0.9	0.5	0.0
82.5°	4.0	3.4	2.7	2.0	1.4	0.7	0.0
80°	5.7	4.5	3.6	2.7	1.8	0.9	0.0
77.5°	9.5	6.2	4.5	3.4	2.2	1.1	0.0
75°	13.2	8.9	5.5	4.0	2.7	1.3	0.0
72.5°	16.8	11.5	7.3	4.7	3.1	1.6	0.0
70°	20.7	14.0	9.0	5.4	3.6	1.8	0.0
67.5°	27.0	16.4	10.7	6.4	4.0	2.0	0.0
65°	33.0	19.6	12.2	7.4	4.4	2.2	0.0
62.5°	38.5	23.5	13.7	8.3	4.8	2.4	0.0
60°	43.5	27.1	15.1	9.2	5.2	2.6	0.0
57.5°	48.6	30.3	17.2	10.0	5.7	2.8	0.0
55°	53.1	33.2	19.1	10.8	6.2	3.0	0.0
52.5°	57.0	35.7	20.8	11.5	6.7	3.2	0.0
50°	60.2	38.1	22.3	12.1	7.1	3.3	0.0
47.5°	63.3	40.0	23.5	12.7	7.6	3.5	0.0
45°	68.4	41.4	24.4	13.4	8.0	3.7	0.0
42.5°	72.6	42.4	25.1	13.9	8.4	3.8	0.0
40°	76.0	42.8	25.6	14.5	8.8	4.0	0.0
37.5°	78.6	42.8	25.8	15.2	9.2	4.1	0.0
35°	80.3	43.8	25.7	15.9	9.5	4.3	0.0
32.5°	80.6	45.0	25.3	16.5	9.9	4.4	0.0
30°	79.1	45.6	24.7	17.1	10.2	4.5	0.0
27.5°	77.0	45.6	25.3	17.7	10.5	4.6	0.0
25°	74.2	45.1	26.1	18.2	10.7	4.7	0.0
22.5°	70.8	45.1	26.8	18.6	11.0	4.8	0.0
20°	66.9	47.2	27.5	19.0	11.2	4.9	0.0
17.5°	66.2	49.0	28.1	19.4	11.4	5.0	0.0
15°	67.5	50.6	28.7	19.7	11.5	5.0	0.0
12.5°	68.7	52.0	29.2	20.0	11.7	5.1	0.0
10°	69.8	53.1	29.7	20.2	11.8	5.1	0.0
7.5°	70.7	53.9	30.1	20.4	11.9	5.2	0.0
5°	71.4	54.5	30.4	20.5	11.9	5.2	0.0
2.5°	71.9	54.9	30.7	20.6	12.0	5.2	0.0
0°	72.2	55.0	30.9	20.6	12.0	5.2	0.0
-2.5°	71.9	54.9	30.7	20.6	12.0	5.2	0.0
-5°	71.4	54.5	30.4	20.5	11.9	5.2	0.0
-7.5°	70.7	53.9	30.1	20.4	11.9	5.2	0.0
-10°	69.8	53.1	29.7	20.2	11.8	5.1	0.0
-12.5°	68.7	52.0	29.2	20.0	11.7	5.1	0.0
-15°	67.5	50.6	28.7	19.7	11.5	5.0	0.0
-17.5°	66.2	49.0	28.1	19.4	11.4	5.0	0.0
-20°	66.9	47.2	27.5	19.0	11.2	4.9	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	70.8	45.1	26.8	18.6	11.0	4.8	0.0
-25°	74.2	45.1	26.1	18.2	10.7	4.7	0.0
-27.5°	77.0	45.6	25.3	17.7	10.5	4.6	0.0
-30°	79.1	45.6	24.7	17.1	10.2	4.5	0.0
-32.5°	80.6	45.0	25.3	16.5	9.9	4.4	0.0
-35°	80.3	43.8	25.7	15.9	9.5	4.3	0.0
-37.5°	78.6	42.8	25.8	15.2	9.2	4.1	0.0
-40°	76.0	42.8	25.6	14.5	8.8	4.0	0.0
-42.5°	72.6	42.4	25.1	13.9	8.4	3.8	0.0
-45°	68.4	41.4	24.4	13.4	8.0	3.7	0.0
-47.5°	63.3	40.0	23.5	12.7	7.6	3.5	0.0
-50°	60.2	38.1	22.3	12.1	7.1	3.3	0.0
-52.5°	57.0	35.7	20.8	11.5	6.7	3.2	0.0
-55°	53.1	33.2	19.1	10.8	6.2	3.0	0.0
-57.5°	48.6	30.3	17.2	10.0	5.7	2.8	0.0
-60°	43.5	27.1	15.1	9.2	5.2	2.6	0.0
-62.5°	38.5	23.5	13.7	8.3	4.8	2.4	0.0
-65°	33.0	19.6	12.2	7.4	4.4	2.2	0.0
-67.5°	27.0	16.4	10.7	6.4	4.0	2.0	0.0
-70°	20.7	14.0	9.0	5.4	3.6	1.8	0.0
-72.5°	16.8	11.5	7.3	4.7	3.1	1.6	0.0
-75°	13.2	8.9	5.5	4.0	2.7	1.3	0.0
-77.5°	9.5	6.2	4.5	3.4	2.2	1.1	0.0
-80°	5.7	4.5	3.6	2.7	1.8	0.9	0.0
-82.5°	4.0	3.4	2.7	2.0	1.4	0.7	0.0
-85°	2.7	2.2	1.8	1.4	0.9	0.5	0.0
-87.5°	1.3	1.1	0.9	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)