

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: P558933 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558933 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)  
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-MWR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5  
Light Source: (64) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

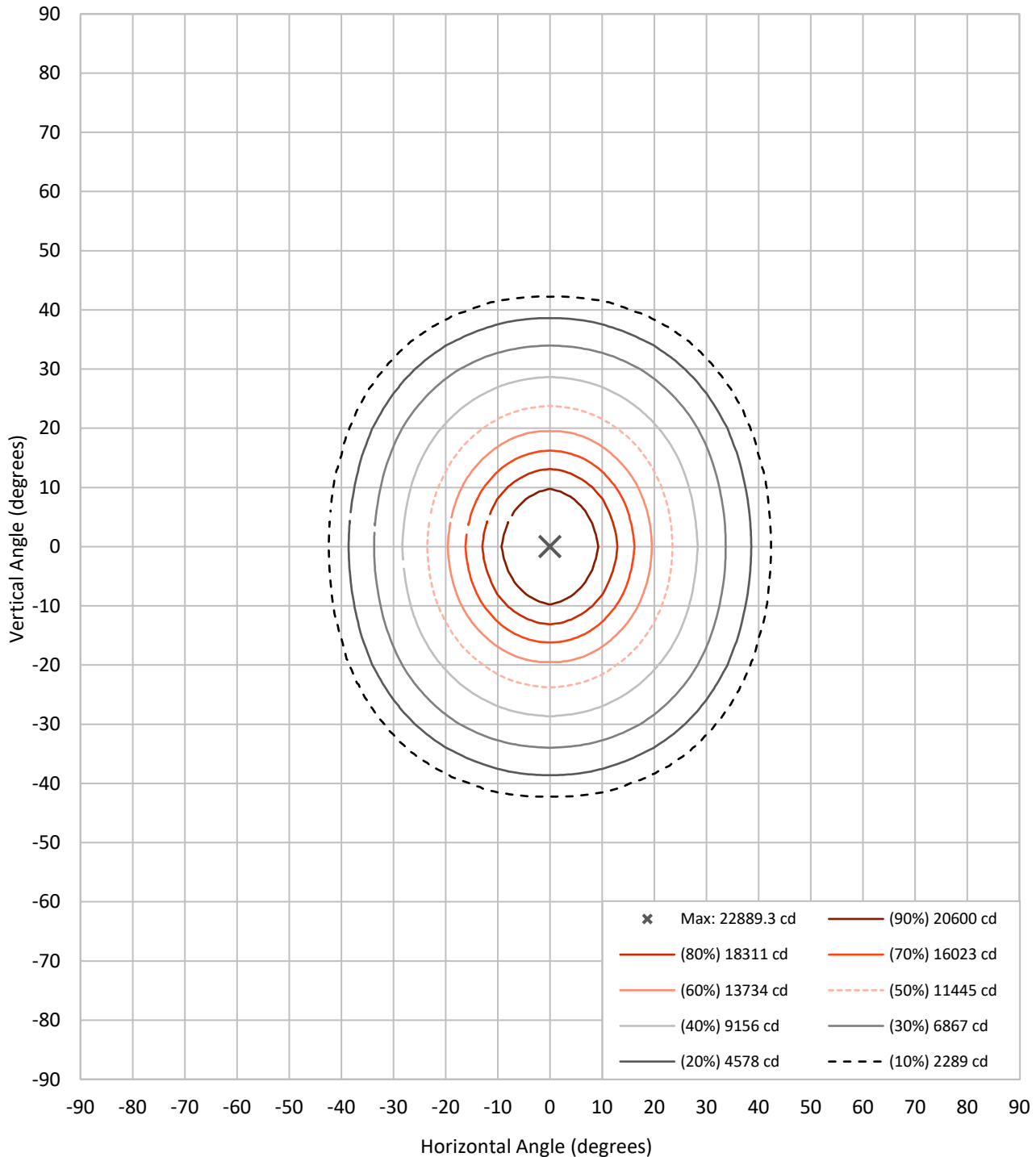
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	17818.1 lumens	Max Intensity:	22889.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	108.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	8407.7 lumens	Field Lumens:	16178.8 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

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





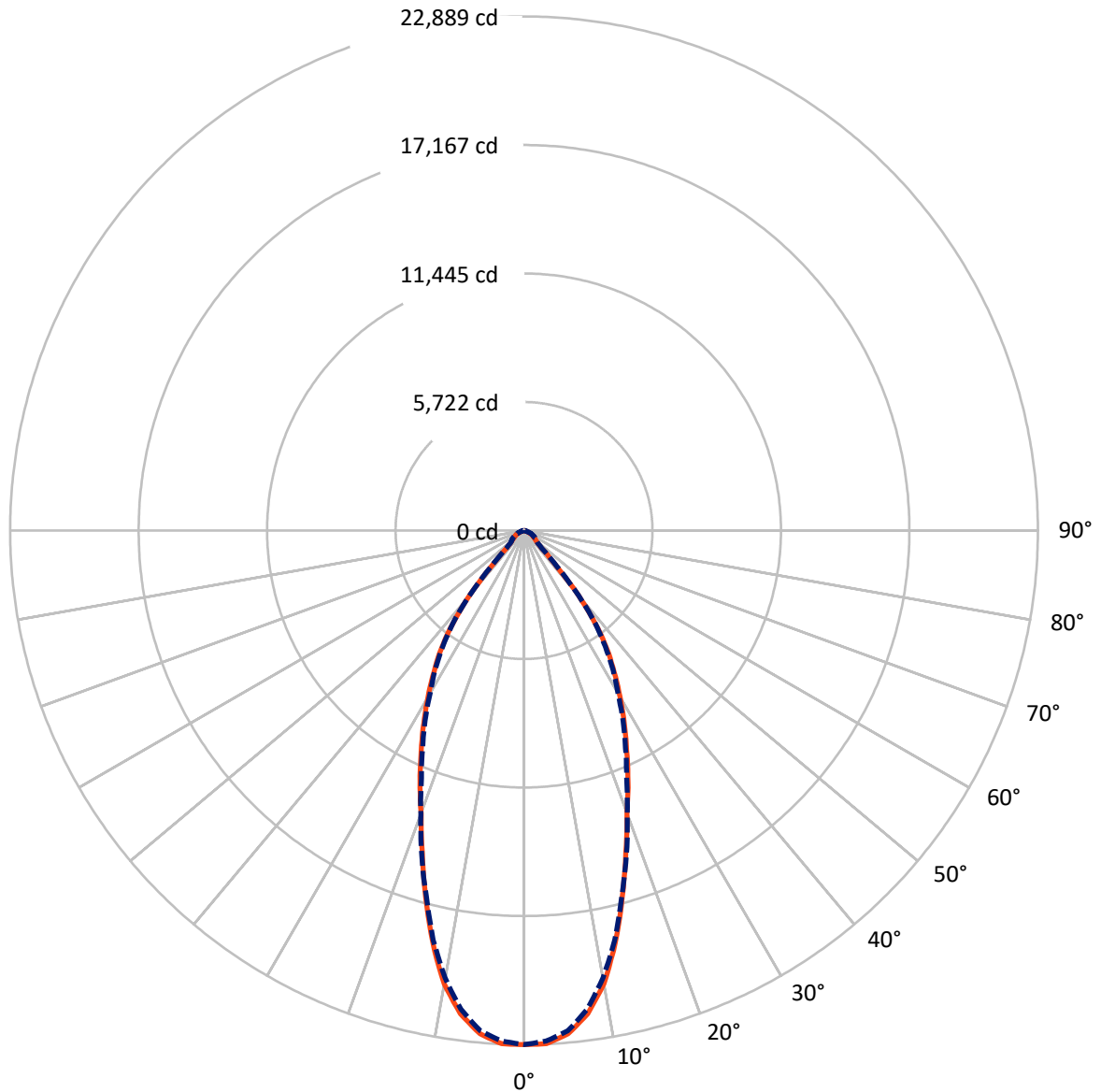
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### Lumen Table

90																
80	0.3	2.2		4.9		8.0		6.3		8.0		4.9		2.2		0.3
70																
60	1.2	1.4	2.6	4.0	5.7	7.1	8.2	8.8	8.8	8.2	7.1	5.7	4.0	2.6	1.4	1.2
50		2.2	4.3	7.1	10.2	12.8	14.6	16.1	16.1	14.6	12.8	10.2	7.1	4.3	2.2	
40	1.9	2.8	6.0	10.0	14.6	20.0	31.7	44.3	44.3	31.7	20.0	14.6	10.0	6.0	2.8	1.9
30		3.4	7.5	12.5	23.5	75.1	146.2	186.3	186.3	146.2	75.1	23.5	12.5	7.5	3.4	
20	2.1	4.0	8.7	15.7	68.7	179.4	264.7	320.5	320.5	264.7	179.4	68.7	15.7	8.7	4.0	2.1
10		4.5	9.7	24.0	124.8	247.6	376.2	489.7	489.7	376.2	247.6	124.8	24.0	9.7	4.5	
0	2.2	4.8	10.5	33.1	152.1	288.9	473.2	640.0	640.0	473.2	288.9	152.1	33.1	10.5	4.8	2.2
-10		4.8	10.5	33.1	152.1	288.9	473.2	640.0	640.0	473.2	288.9	152.1	33.1	10.5	4.8	
-20	2.1	4.5	9.7	24.0	124.8	247.6	376.2	489.7	489.7	376.2	247.6	124.8	24.0	9.7	4.5	2.1
-30		4.0	8.7	15.7	68.7	179.4	264.7	320.5	320.5	264.7	179.4	68.7	15.7	8.7	4.0	
-40	1.9	3.4	7.5	12.5	23.5	75.1	146.2	186.3	186.3	146.2	75.1	23.5	12.5	7.5	3.4	1.9
-50		2.8	6.0	10.0	14.6	20.0	31.7	44.3	44.3	31.7	20.0	14.6	10.0	6.0	2.8	
-60	1.2	2.2	4.3	7.1	10.2	12.8	14.6	16.1	16.1	14.6	12.8	10.2	7.1	4.3	2.2	1.2
-70		1.4	2.6	4.0	5.7	7.1	8.2	8.8	8.8	8.2	7.1	5.7	4.0	2.6	1.4	
-80																
-90	0.3	2.2		4.9		8.0		6.3		8.0		4.9		2.2		0.3

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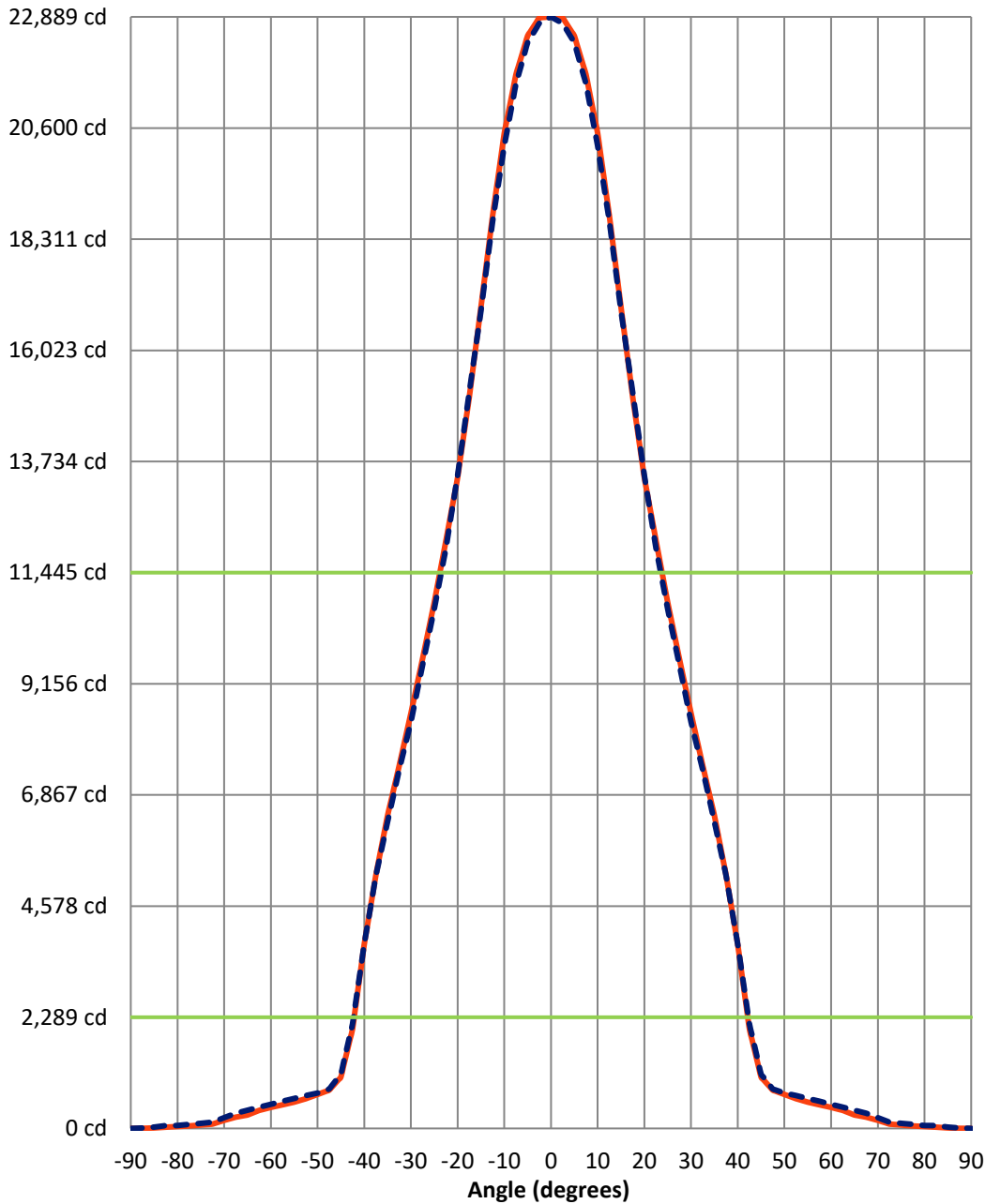
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 47°  
V Angle: 47.6°  
Lumens: 8407.7  
Efficiency: 47.2%

**Field:**  
H Angle: 84.6°  
V Angle: 84.3°  
Lumens: 16178.8  
Efficiency: 90.8%

**Spill:**  
Lumens: 1639.3  
Efficiency: 9.2%

— Vertical Distribution through 0-Deg  
- - Horizontal Distribution through 0-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	1.2	1.8	2.4	3.1	3.5	3.8	4.1	4.4
85°	0.0	0.7	1.5	2.5	3.6	4.8	6.2	7.0	7.6	8.2	8.7
82.5°	0.0	1.1	2.2	3.7	5.3	7.2	9.3	10.4	11.8	14.1	15.8
80°	0.0	1.5	3.0	4.9	7.1	9.6	12.8	17.0	20.3	22.8	24.6
77.5°	0.0	1.9	3.7	6.1	8.8	13.0	20.1	25.1	28.9	31.7	34.2
75°	0.0	2.2	4.4	7.3	10.9	18.6	27.3	33.3	37.7	42.5	46.1
72.5°	0.0	2.6	5.2	8.4	15.0	24.0	34.3	42.0	48.7	54.0	58.1
70°	0.0	2.9	5.9	9.8	18.9	29.3	41.3	52.2	59.7	65.8	75.2
67.5°	0.0	3.3	6.6	12.5	22.8	34.5	49.4	62.5	70.8	80.6	93.0
65°	0.0	3.6	7.3	15.1	26.5	40.0	57.2	72.7	82.4	94.8	109.8
62.5°	0.0	4.0	7.9	17.6	30.0	45.8	64.7	81.9	93.5	108.5	125.3
60°	0.0	4.3	8.6	20.0	33.4	51.3	71.8	90.4	104.0	122.4	140.5
57.5°	0.0	4.6	10.1	22.3	37.3	56.6	76.6	97.9	115.8	136.0	153.9
55°	0.0	4.9	11.6	24.5	41.1	61.5	80.7	103.3	127.8	148.9	166.2
52.5°	0.0	5.2	13.0	26.6	44.6	65.8	84.2	110.8	139.5	159.8	178.2
50°	0.0	5.5	14.4	28.5	47.8	67.9	87.1	117.7	150.3	170.5	191.6
47.5°	0.0	5.8	15.7	30.4	50.8	69.5	89.7	123.8	159.6	180.9	204.6
45°	0.0	6.1	16.9	32.5	53.6	70.8	94.1	129.0	164.4	192.2	217.1
42.5°	0.0	6.3	18.1	34.4	56.1	71.6	97.8	132.7	168.0	202.9	229.9
40°	0.0	6.6	19.2	36.3	57.4	72.0	100.8	135.1	171.2	212.5	242.3
37.5°	0.0	6.8	20.3	38.4	57.6	72.0	103.1	136.8	174.7	217.1	254.2
35°	0.0	7.0	21.3	40.4	57.5	72.9	104.8	137.8	177.7	224.1	265.6
32.5°	0.0	7.3	22.2	42.3	57.1	74.1	105.6	138.0	180.1	232.5	275.9
30°	0.0	7.4	23.0	44.1	56.6	74.7	105.5	138.0	181.9	242.3	286.2
27.5°	0.0	7.6	23.8	45.9	57.2	74.9	104.9	138.9	185.5	253.4	296.2
25°	0.0	7.8	24.5	47.6	57.8	74.7	103.8	139.3	192.9	262.6	306.0
22.5°	0.0	7.9	25.2	49.3	58.4	74.9	102.1	139.1	200.7	270.2	318.1
20°	0.0	8.1	25.7	50.8	58.8	76.8	99.9	138.4	208.6	277.3	329.1
17.5°	0.0	8.2	26.2	52.2	59.2	78.5	100.1	137.1	216.4	283.9	338.9
15°	0.0	8.3	26.6	53.5	59.5	80.0	101.6	136.7	223.9	289.9	347.5
12.5°	0.0	8.4	27.0	54.7	59.7	81.3	102.8	137.2	229.1	295.2	354.9
10°	0.0	8.5	27.2	55.7	59.9	82.3	103.7	136.9	231.2	299.7	361.2
7.5°	0.0	8.5	27.4	56.6	60.0	83.2	104.4	135.8	231.4	304.0	366.5
5°	0.0	8.6	27.5	57.4	60.1	83.7	104.8	134.0	229.8	307.9	370.5
2.5°	0.0	8.6	27.5	58.0	60.1	84.1	104.9	131.7	226.6	311.0	373.2
0°	0.0	8.6	27.5	58.4	60.1	84.2	104.8	128.9	221.7	312.8	374.6
-2.5°	0.0	8.6	27.5	58.0	60.1	84.1	104.9	131.7	226.6	311.0	373.2
-5°	0.0	8.6	27.5	57.4	60.1	83.7	104.8	134.0	229.8	307.9	370.5
-7.5°	0.0	8.5	27.4	56.6	60.0	83.2	104.4	135.8	231.4	304.0	366.5
-10°	0.0	8.5	27.2	55.7	59.9	82.3	103.7	136.9	231.2	299.7	361.2
-12.5°	0.0	8.4	27.0	54.7	59.7	81.3	102.8	137.2	229.1	295.2	354.9
-15°	0.0	8.3	26.6	53.5	59.5	80.0	101.6	136.7	223.9	289.9	347.5
-17.5°	0.0	8.2	26.2	52.2	59.2	78.5	100.1	137.1	216.4	283.9	338.9
-20°	0.0	8.1	25.7	50.8	58.8	76.8	99.9	138.4	208.6	277.3	329.1



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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	7.9	25.2	49.3	58.4	74.9	102.1	139.1	200.7	270.2	318.1
-25°	0.0	7.8	24.5	47.6	57.8	74.7	103.8	139.3	192.9	262.6	306.0
-27.5°	0.0	7.6	23.8	45.9	57.2	74.9	104.9	138.9	185.5	253.4	296.2
-30°	0.0	7.4	23.0	44.1	56.6	74.7	105.5	138.0	181.9	242.3	286.2
-32.5°	0.0	7.3	22.2	42.3	57.1	74.1	105.6	138.0	180.1	232.5	275.9
-35°	0.0	7.0	21.3	40.4	57.5	72.9	104.8	137.8	177.7	224.1	265.6
-37.5°	0.0	6.8	20.3	38.4	57.6	72.0	103.1	136.8	174.7	217.1	254.2
-40°	0.0	6.6	19.2	36.3	57.4	72.0	100.8	135.1	171.2	212.5	242.3
-42.5°	0.0	6.3	18.1	34.4	56.1	71.6	97.8	132.7	168.0	202.9	229.9
-45°	0.0	6.1	16.9	32.5	53.6	70.8	94.1	129.0	164.4	192.2	217.1
-47.5°	0.0	5.8	15.7	30.4	50.8	69.5	89.7	123.8	159.6	180.9	204.6
-50°	0.0	5.5	14.4	28.5	47.8	67.9	87.1	117.7	150.3	170.5	191.6
-52.5°	0.0	5.2	13.0	26.6	44.6	65.8	84.2	110.8	139.5	159.8	178.2
-55°	0.0	4.9	11.6	24.5	41.1	61.5	80.7	103.3	127.8	148.9	166.2
-57.5°	0.0	4.6	10.1	22.3	37.3	56.6	76.6	97.9	115.8	136.0	153.9
-60°	0.0	4.3	8.6	20.0	33.4	51.3	71.8	90.4	104.0	122.4	140.5
-62.5°	0.0	4.0	7.9	17.6	30.0	45.8	64.7	81.9	93.5	108.5	125.3
-65°	0.0	3.6	7.3	15.1	26.5	40.0	57.2	72.7	82.4	94.8	109.8
-67.5°	0.0	3.3	6.6	12.5	22.8	34.5	49.4	62.5	70.8	80.6	93.0
-70°	0.0	2.9	5.9	9.8	18.9	29.3	41.3	52.2	59.7	65.8	75.2
-72.5°	0.0	2.6	5.2	8.4	15.0	24.0	34.3	42.0	48.7	54.0	58.1
-75°	0.0	2.2	4.4	7.3	10.9	18.6	27.3	33.3	37.7	42.5	46.1
-77.5°	0.0	1.9	3.7	6.1	8.8	13.0	20.1	25.1	28.9	31.7	34.2
-80°	0.0	1.5	3.0	4.9	7.1	9.6	12.8	17.0	20.3	22.8	24.6
-82.5°	0.0	1.1	2.2	3.7	5.3	7.2	9.3	10.4	11.8	14.1	15.8
-85°	0.0	0.7	1.5	2.5	3.6	4.8	6.2	7.0	7.6	8.2	8.7
-87.5°	0.0	0.4	0.7	1.2	1.8	2.4	3.1	3.5	3.8	4.1	4.4
-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):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.4	4.3	4.2	4.0	3.7	3.3	2.9	2.4	2.5	2.6	2.7
85°	8.7	8.6	9.3	9.9	10.2	10.1	9.8	9.2	10.5	12.1	13.7
82.5°	17.4	18.9	20.4	21.8	21.8	21.3	20.5	19.7	22.7	26.4	30.4
80°	26.9	29.2	32.5	36.0	36.9	36.6	35.5	33.5	37.7	43.8	50.7
77.5°	38.4	43.1	47.8	52.5	53.7	52.8	50.5	47.0	52.3	62.2	73.1
75°	51.0	57.0	64.4	70.3	71.5	69.5	66.1	63.0	69.4	81.7	93.5
72.5°	66.7	76.3	83.7	88.9	89.2	87.4	85.7	84.1	91.3	105.8	117.9
70°	86.6	96.3	102.0	105.2	105.9	107.1	112.0	116.6	123.7	136.2	146.1
67.5°	106.4	114.1	119.2	123.0	130.4	137.4	144.2	151.1	159.1	169.7	177.2
65°	124.0	131.9	138.7	147.6	158.4	166.9	176.0	185.8	196.8	206.7	213.9
62.5°	141.4	149.8	159.4	171.2	183.8	195.2	208.5	222.0	235.1	246.4	258.7
60°	155.7	167.0	179.9	194.1	209.1	226.5	242.4	258.1	272.5	286.6	303.9
57.5°	169.3	184.6	200.3	217.3	237.1	258.2	277.0	294.2	312.2	332.6	349.6
55°	183.6	202.9	220.9	241.5	265.0	290.5	311.0	330.4	352.6	377.1	396.2
52.5°	199.0	220.3	241.5	266.2	294.6	319.9	341.4	365.6	392.5	419.1	441.2
50°	214.0	237.5	262.1	293.4	321.6	345.8	372.4	401.6	429.7	457.0	483.2
47.5°	229.1	254.2	286.9	318.9	345.3	373.6	404.7	434.7	464.3	492.7	520.1
45°	243.9	273.7	309.9	340.3	369.7	402.3	434.3	465.8	496.9	527.2	557.1
42.5°	258.1	292.8	329.3	361.1	394.9	428.9	462.5	495.8	528.6	561.0	592.9
40°	273.7	310.2	348.6	383.3	418.6	454.1	489.4	524.5	559.2	593.5	627.3
37.5°	288.0	328.2	368.2	404.6	440.9	478.1	515.1	552.3	588.8	624.6	663.1
35°	300.9	346.4	386.8	424.9	463.0	500.7	539.9	579.0	617.5	656.3	705.4
32.5°	315.3	364.8	404.4	444.6	484.0	522.8	563.6	605.0	645.9	691.3	761.9
30°	331.5	380.1	421.1	463.3	503.7	544.5	586.6	629.8	672.9	743.5	906.5
27.5°	347.3	394.3	437.3	480.5	522.1	564.5	608.6	653.3	713.4	821.9	1086.4
25°	362.0	407.8	452.5	496.3	539.2	583.1	628.8	675.3	756.8	975.8	1560.2
22.5°	374.4	420.9	467.3	510.7	554.7	600.1	647.5	709.2	835.2	1131.3	2087.3
20°	384.9	433.4	480.8	525.9	569.1	615.2	664.5	741.6	954.4	1575.0	2719.1
17.5°	394.7	444.7	493.2	540.4	585.8	630.9	681.5	769.5	1061.6	1960.7	3354.3
15°	403.7	454.8	504.8	553.9	600.9	647.9	708.4	848.8	1278.5	2343.6	3920.1
12.5°	411.8	463.7	515.3	566.5	614.5	663.1	732.5	927.6	1544.3	2792.7	4306.2
10°	418.9	471.3	524.8	577.9	626.5	676.4	752.9	992.3	1762.7	3162.1	4616.6
7.5°	425.4	478.7	533.5	588.0	636.9	687.8	769.5	1042.8	1931.4	3440.3	4864.2
5°	431.0	485.9	543.8	599.1	649.9	700.3	783.8	1079.1	2050.0	3627.8	5044.6
2.5°	435.3	491.9	552.8	608.8	664.3	715.4	800.1	1105.9	2126.4	3747.2	5160.0
0°	438.2	496.6	560.2	616.9	677.1	728.6	812.8	1118.7	2154.9	3790.8	5203.4
-2.5°	435.3	491.9	552.8	608.8	664.3	715.4	800.1	1105.9	2126.4	3747.2	5160.0
-5°	431.0	485.9	543.8	599.1	649.9	700.3	783.8	1079.1	2050.0	3627.8	5044.6
-7.5°	425.4	478.7	533.5	588.0	636.9	687.8	769.5	1042.8	1931.4	3440.3	4864.2
-10°	418.9	471.3	524.8	577.9	626.5	676.4	752.9	992.3	1762.7	3162.1	4616.6
-12.5°	411.8	463.7	515.3	566.5	614.5	663.1	732.5	927.6	1544.3	2792.7	4306.2
-15°	403.7	454.8	504.8	553.9	600.9	647.9	708.4	848.8	1278.5	2343.6	3920.1
-17.5°	394.7	444.7	493.2	540.4	585.8	630.9	681.5	769.5	1061.6	1960.7	3354.3
-20°	384.9	433.4	480.8	525.9	569.1	615.2	664.5	741.6	954.4	1575.0	2719.1



REPORT NUMBER: P558933 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-940-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	374.4	420.9	467.3	510.7	554.7	600.1	647.5	709.2	835.2	1131.3	2087.3
-25°	362.0	407.8	452.5	496.3	539.2	583.1	628.8	675.3	756.8	975.8	1560.2
-27.5°	347.3	394.3	437.3	480.5	522.1	564.5	608.6	653.3	713.4	821.9	1086.4
-30°	331.5	380.1	421.1	463.3	503.7	544.5	586.6	629.8	672.9	743.5	906.5
-32.5°	315.3	364.8	404.4	444.6	484.0	522.8	563.6	605.0	645.9	691.3	761.9
-35°	300.9	346.4	386.8	424.9	463.0	500.7	539.9	579.0	617.5	656.3	705.4
-37.5°	288.0	328.2	368.2	404.6	440.9	478.1	515.1	552.3	588.8	624.6	663.1
-40°	273.7	310.2	348.6	383.3	418.6	454.1	489.4	524.5	559.2	593.5	627.3
-42.5°	258.1	292.8	329.3	361.1	394.9	428.9	462.5	495.8	528.6	561.0	592.9
-45°	243.9	273.7	309.9	340.3	369.7	402.3	434.3	465.8	496.9	527.2	557.1
-47.5°	229.1	254.2	286.9	318.9	345.3	373.6	404.7	434.7	464.3	492.7	520.1
-50°	214.0	237.5	262.1	293.4	321.6	345.8	372.4	401.6	429.7	457.0	483.2
-52.5°	199.0	220.3	241.5	266.2	294.6	319.9	341.4	365.6	392.5	419.1	441.2
-55°	183.6	202.9	220.9	241.5	265.0	290.5	311.0	330.4	352.6	377.1	396.2
-57.5°	169.3	184.6	200.3	217.3	237.1	258.2	277.0	294.2	312.2	332.6	349.6
-60°	155.7	167.0	179.9	194.1	209.1	226.5	242.4	258.1	272.5	286.6	303.9
-62.5°	141.4	149.8	159.4	171.2	183.8	195.2	208.5	222.0	235.1	246.4	258.7
-65°	124.0	131.9	138.7	147.6	158.4	166.9	176.0	185.8	196.8	206.7	213.9
-67.5°	106.4	114.1	119.2	123.0	130.4	137.4	144.2	151.1	159.1	169.7	177.2
-70°	86.6	96.3	102.0	105.2	105.9	107.1	112.0	116.6	123.7	136.2	146.1
-72.5°	66.7	76.3	83.7	88.9	89.2	87.4	85.7	84.1	91.3	105.8	117.9
-75°	51.0	57.0	64.4	70.3	71.5	69.5	66.1	63.0	69.4	81.7	93.5
-77.5°	38.4	43.1	47.8	52.5	53.7	52.8	50.5	47.0	52.3	62.2	73.1
-80°	26.9	29.2	32.5	36.0	36.9	36.6	35.5	33.5	37.7	43.8	50.7
-82.5°	17.4	18.9	20.4	21.8	21.8	21.3	20.5	19.7	22.7	26.4	30.4
-85°	8.7	8.6	9.3	9.9	10.2	10.1	9.8	9.2	10.5	12.1	13.7
-87.5°	4.4	4.3	4.2	4.0	3.7	3.3	2.9	2.4	2.5	2.6	2.7
-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: P558933 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-940-U-MWR-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°	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2	3.3	2.9	2.5
85°	15.4	15.0	14.1	13.1	11.8	12.5	13.2	14.0	14.7	13.7	12.6
82.5°	34.6	35.1	35.1	35.0	34.9	36.4	37.8	39.1	40.2	37.1	33.6
80°	58.4	61.2	62.8	64.3	65.6	65.6	64.7	63.2	61.1	55.8	50.1
77.5°	84.4	88.8	90.9	93.2	95.4	96.2	96.7	97.3	97.9	88.8	77.3
75°	104.7	111.2	115.0	118.5	121.7	123.6	124.6	125.3	125.5	114.6	100.5
72.5°	127.7	134.1	138.6	143.0	147.0	149.6	151.2	152.3	153.1	143.6	130.1
70°	153.1	158.1	163.5	168.9	173.9	177.2	179.5	181.3	182.6	181.7	181.0
67.5°	183.1	187.5	194.1	199.2	204.4	208.1	211.9	215.0	217.3	219.8	222.6
65°	220.7	231.3	240.9	245.8	246.5	251.8	260.5	266.2	269.0	271.3	274.1
62.5°	273.0	285.9	292.8	301.0	311.6	321.4	325.2	330.3	336.4	343.7	352.1
60°	317.9	328.5	339.5	350.9	360.6	368.7	377.6	386.4	394.4	401.8	408.9
57.5°	363.7	375.4	386.6	399.9	409.2	414.7	423.3	433.9	442.0	448.3	457.9
55°	411.3	426.3	441.6	453.6	462.4	468.1	474.7	484.8	490.8	493.2	504.3
52.5°	459.0	476.9	495.7	509.7	519.0	527.7	535.7	544.6	550.7	553.7	564.6
50°	503.3	524.6	545.5	563.8	576.2	590.6	606.9	614.9	620.1	625.9	638.1
47.5°	545.4	569.2	591.6	612.3	630.2	646.3	660.4	673.9	693.8	709.7	725.3
45°	586.0	611.3	635.6	658.8	678.7	710.4	740.5	766.2	834.8	892.4	936.4
42.5°	624.1	654.7	682.0	720.7	762.9	836.0	948.8	1053.3	1255.6	1516.1	1733.6
40°	663.8	703.4	752.5	827.9	970.5	1117.2	1555.8	1946.6	2330.9	2768.0	3142.5
37.5°	710.2	770.0	913.6	1083.9	1541.4	2047.4	2668.9	3279.0	3810.2	4264.7	4644.2
35°	771.7	956.2	1224.5	1845.4	2521.3	3351.0	4067.3	4641.0	5165.8	5586.9	5904.0
32.5°	952.8	1290.4	1999.2	2853.1	3782.8	4584.4	5282.0	5831.4	6310.1	6687.6	6981.5
30°	1217.8	1994.0	2956.6	3979.3	4905.3	5670.6	6315.2	6838.9	7266.2	7650.3	7972.7
27.5°	1847.8	2846.5	3977.9	5021.1	5863.3	6579.9	7158.2	7676.9	8148.0	8552.4	8933.7
25°	2537.2	3773.6	4914.7	5864.1	6650.2	7322.4	7932.3	8499.7	9027.1	9500.5	9943.9
22.5°	3365.1	4598.1	5688.7	6567.4	7329.2	8019.7	8667.5	9299.0	9912.9	10490.6	11027.1
20°	4114.6	5324.8	6275.8	7153.4	7944.8	8664.4	9378.3	10114.3	10822.8	11518.6	12164.6
17.5°	4698.7	5824.6	6779.3	7668.9	8474.4	9289.3	10106.4	10951.7	11806.3	12614.3	13387.1
15°	5186.5	6241.5	7209.0	8098.4	8984.1	9883.3	10796.1	11791.9	12808.5	13775.6	14760.6
12.5°	5532.3	6589.4	7570.3	8462.7	9455.7	10431.7	11494.3	12629.2	13803.3	14929.8	16139.8
10°	5810.2	6866.9	7839.6	8801.9	9852.7	10935.0	12126.8	13376.8	14777.8	16111.7	17415.4
7.5°	6048.8	7098.4	8055.9	9078.4	10183.0	11372.6	12668.8	14082.0	15598.1	17082.5	18634.3
5°	6223.2	7256.2	8224.0	9305.1	10437.0	11692.3	13086.8	14596.9	16222.9	17849.3	19383.9
2.5°	6315.6	7346.2	8328.5	9445.7	10585.9	11886.0	13338.4	14939.0	16656.4	18431.1	19944.2
0°	6313.5	7384.0	8368.7	9540.6	10695.4	11944.7	13446.6	15158.1	16833.6	18677.5	20230.9
-2.5°	6315.6	7346.2	8328.5	9445.7	10585.9	11886.0	13338.4	14939.0	16656.4	18431.1	19944.2
-5°	6223.2	7256.2	8224.0	9305.1	10437.0	11692.3	13086.8	14596.9	16222.9	17849.3	19383.9
-7.5°	6048.8	7098.4	8055.9	9078.4	10183.0	11372.6	12668.8	14082.0	15598.1	17082.5	18634.3
-10°	5810.2	6866.9	7839.6	8801.9	9852.7	10935.0	12126.8	13376.8	14777.8	16111.7	17415.4
-12.5°	5532.3	6589.4	7570.3	8462.7	9455.7	10431.7	11494.3	12629.2	13803.3	14929.8	16139.8
-15°	5186.5	6241.5	7209.0	8098.4	8984.1	9883.3	10796.1	11791.9	12808.5	13775.6	14760.6
-17.5°	4698.7	5824.6	6779.3	7668.9	8474.4	9289.3	10106.4	10951.7	11806.3	12614.3	13387.1
-20°	4114.6	5324.8	6275.8	7153.4	7944.8	8664.4	9378.3	10114.3	10822.8	11518.6	12164.6



REPORT NUMBER: P558933 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-940-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3365.1	4598.1	5688.7	6567.4	7329.2	8019.7	8667.5	9299.0	9912.9	10490.6	11027.1
-25°	2537.2	3773.6	4914.7	5864.1	6650.2	7322.4	7932.3	8499.7	9027.1	9500.5	9943.9
-27.5°	1847.8	2846.5	3977.9	5021.1	5863.3	6579.9	7158.2	7676.9	8148.0	8552.4	8933.7
-30°	1217.8	1994.0	2956.6	3979.3	4905.3	5670.6	6315.2	6838.9	7266.2	7650.3	7972.7
-32.5°	952.8	1290.4	1999.2	2853.1	3782.8	4584.4	5282.0	5831.4	6310.1	6687.6	6981.5
-35°	771.7	956.2	1224.5	1845.4	2521.3	3351.0	4067.3	4641.0	5165.8	5586.9	5904.0
-37.5°	710.2	770.0	913.6	1083.9	1541.4	2047.4	2668.9	3279.0	3810.2	4264.7	4644.2
-40°	663.8	703.4	752.5	827.9	970.5	1117.2	1555.8	1946.6	2330.9	2768.0	3142.5
-42.5°	624.1	654.7	682.0	720.7	762.9	836.0	948.8	1053.3	1255.6	1516.1	1733.6
-45°	586.0	611.3	635.6	658.8	678.7	710.4	740.5	766.2	834.8	892.4	936.4
-47.5°	545.4	569.2	591.6	612.3	630.2	646.3	660.4	673.9	693.8	709.7	725.3
-50°	503.3	524.6	545.5	563.8	576.2	590.6	606.9	614.9	620.1	625.9	638.1
-52.5°	459.0	476.9	495.7	509.7	519.0	527.7	535.7	544.6	550.7	553.7	564.6
-55°	411.3	426.3	441.6	453.6	462.4	468.1	474.7	484.8	490.8	493.2	504.3
-57.5°	363.7	375.4	386.6	399.9	409.2	414.7	423.3	433.9	442.0	448.3	457.9
-60°	317.9	328.5	339.5	350.9	360.6	368.7	377.6	386.4	394.4	401.8	408.9
-62.5°	273.0	285.9	292.8	301.0	311.6	321.4	325.2	330.3	336.4	343.7	352.1
-65°	220.7	231.3	240.9	245.8	246.5	251.8	260.5	266.2	269.0	271.3	274.1
-67.5°	183.1	187.5	194.1	199.2	204.4	208.1	211.9	215.0	217.3	219.8	222.6
-70°	153.1	158.1	163.5	168.9	173.9	177.2	179.5	181.3	182.6	181.7	181.0
-72.5°	127.7	134.1	138.6	143.0	147.0	149.6	151.2	152.3	153.1	143.6	130.1
-75°	104.7	111.2	115.0	118.5	121.7	123.6	124.6	125.3	125.5	114.6	100.5
-77.5°	84.4	88.8	90.9	93.2	95.4	96.2	96.7	97.3	97.9	88.8	77.3
-80°	58.4	61.2	62.8	64.3	65.6	65.6	64.7	63.2	61.1	55.8	50.1
-82.5°	34.6	35.1	35.1	35.0	34.9	36.4	37.8	39.1	40.2	37.1	33.6
-85°	15.4	15.0	14.1	13.1	11.8	12.5	13.2	14.0	14.7	13.7	12.6
-87.5°	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2	3.3	2.9	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



REPORT NUMBER: P558933 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-940-U-MWR-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°	2.1	1.7	1.7	1.7	1.7	1.7	2.1	2.5	2.9	3.3	3.2
85°	11.5	10.2	10.3	10.3	10.3	10.2	11.5	12.6	13.7	14.7	14.0
82.5°	29.7	25.7	25.8	25.8	25.8	25.7	29.7	33.6	37.1	40.2	39.1
80°	44.1	37.8	38.6	39.5	38.6	37.8	44.1	50.1	55.8	61.1	63.2
77.5°	64.9	52.0	51.5	51.6	51.5	52.0	64.9	77.3	88.8	97.9	97.3
75°	86.0	71.1	70.4	70.5	70.4	71.1	86.0	100.5	114.6	125.5	125.3
72.5°	116.2	102.0	95.5	89.4	95.5	102.0	116.2	130.1	143.6	153.1	152.3
70°	181.1	181.6	175.2	166.7	175.2	181.6	181.1	181.0	181.7	182.6	181.3
67.5°	225.1	226.9	229.6	232.0	229.6	226.9	225.1	222.6	219.8	217.3	215.0
65°	275.4	275.2	276.2	276.7	276.2	275.2	275.4	274.1	271.3	269.0	266.2
62.5°	359.3	365.1	369.2	371.2	369.2	365.1	359.3	352.1	343.7	336.4	330.3
60°	414.9	419.6	426.3	433.0	426.3	419.6	414.9	408.9	401.8	394.4	386.4
57.5°	466.9	474.9	481.4	486.3	481.4	474.9	466.9	457.9	448.3	442.0	433.9
55°	514.9	524.2	533.2	541.3	533.2	524.2	514.9	504.3	493.2	490.8	484.8
52.5°	575.1	582.8	595.6	611.8	595.6	582.8	575.1	564.6	553.7	550.7	544.6
50°	652.1	663.7	679.9	699.4	679.9	663.7	652.1	638.1	625.9	620.1	614.9
47.5°	741.1	752.9	768.4	788.8	768.4	752.9	741.1	725.3	709.7	693.8	673.9
45°	976.6	1004.0	1029.2	1056.8	1029.2	1004.0	976.6	936.4	892.4	834.8	766.2
42.5°	1907.9	2028.4	2080.5	2050.1	2080.5	2028.4	1907.9	1733.6	1516.1	1255.6	1053.3
40°	3428.1	3628.5	3746.4	3787.4	3746.4	3628.5	3428.1	3142.5	2768.0	2330.9	1946.6
37.5°	4921.4	5105.8	5205.3	5217.1	5205.3	5105.8	4921.4	4644.2	4264.7	3810.2	3279.0
35°	6132.8	6284.8	6374.8	6442.3	6374.8	6284.8	6132.8	5904.0	5586.9	5165.8	4641.0
32.5°	7220.7	7393.9	7493.9	7471.7	7493.9	7393.9	7220.7	6981.5	6687.6	6310.1	5831.4
30°	8237.0	8426.4	8543.9	8547.4	8543.9	8426.4	8237.0	7972.7	7650.3	7266.2	6838.9
27.5°	9241.8	9454.4	9576.9	9673.0	9576.9	9454.4	9241.8	8933.7	8552.4	8148.0	7676.9
25°	10313.7	10578.6	10735.9	10831.2	10735.9	10578.6	10313.7	9943.9	9500.5	9027.1	8499.7
22.5°	11469.4	11797.6	12013.2	12102.8	12013.2	11797.6	11469.4	11027.1	10490.6	9912.9	9299.0
20°	12726.6	13133.2	13408.5	13400.2	13408.5	13133.2	12726.6	12164.6	11518.6	10822.8	10114.3
17.5°	14129.3	14653.9	15008.9	15060.2	15008.9	14653.9	14129.3	13387.1	12614.3	11806.3	10951.7
15°	15633.1	16309.4	16768.6	16910.9	16768.6	16309.4	15633.1	14760.6	13775.6	12808.5	11791.9
12.5°	17174.2	17978.6	18590.7	18794.3	18590.7	17978.6	17174.2	16139.8	14929.8	13803.3	12629.2
10°	18642.5	19533.6	20198.0	20492.1	20198.0	19533.6	18642.5	17415.4	16111.7	14777.8	13376.8
7.5°	19870.0	20775.4	21459.8	21701.9	21459.8	20775.4	19870.0	18634.3	17082.5	15598.1	14082.0
5°	20678.7	21667.8	22200.0	22499.2	22200.0	21667.8	20678.7	19383.9	17849.3	16222.9	14596.9
2.5°	21219.0	22057.7	22596.7	22872.1	22596.7	22057.7	21219.0	19944.2	18431.1	16656.4	14939.0
0°	21506.0	22360.0	22755.3	22889.3	22755.3	22360.0	21506.0	20230.9	18677.5	16833.6	15158.1
-2.5°	21219.0	22057.7	22596.7	22872.1	22596.7	22057.7	21219.0	19944.2	18431.1	16656.4	14939.0
-5°	20678.7	21667.8	22200.0	22499.2	22200.0	21667.8	20678.7	19383.9	17849.3	16222.9	14596.9
-7.5°	19870.0	20775.4	21459.8	21701.9	21459.8	20775.4	19870.0	18634.3	17082.5	15598.1	14082.0
-10°	18642.5	19533.6	20198.0	20492.1	20198.0	19533.6	18642.5	17415.4	16111.7	14777.8	13376.8
-12.5°	17174.2	17978.6	18590.7	18794.3	18590.7	17978.6	17174.2	16139.8	14929.8	13803.3	12629.2
-15°	15633.1	16309.4	16768.6	16910.9	16768.6	16309.4	15633.1	14760.6	13775.6	12808.5	11791.9
-17.5°	14129.3	14653.9	15008.9	15060.2	15008.9	14653.9	14129.3	13387.1	12614.3	11806.3	10951.7
-20°	12726.6	13133.2	13408.5	13400.2	13408.5	13133.2	12726.6	12164.6	11518.6	10822.8	10114.3



REPORT NUMBER: P558933 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-940-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11469.4	11797.6	12013.2	12102.8	12013.2	11797.6	11469.4	11027.1	10490.6	9912.9	9299.0
-25°	10313.7	10578.6	10735.9	10831.2	10735.9	10578.6	10313.7	9943.9	9500.5	9027.1	8499.7
-27.5°	9241.8	9454.4	9576.9	9673.0	9576.9	9454.4	9241.8	8933.7	8552.4	8148.0	7676.9
-30°	8237.0	8426.4	8543.9	8547.4	8543.9	8426.4	8237.0	7972.7	7650.3	7266.2	6838.9
-32.5°	7220.7	7393.9	7493.9	7471.7	7493.9	7393.9	7220.7	6981.5	6687.6	6310.1	5831.4
-35°	6132.8	6284.8	6374.8	6442.3	6374.8	6284.8	6132.8	5904.0	5586.9	5165.8	4641.0
-37.5°	4921.4	5105.8	5205.3	5217.1	5205.3	5105.8	4921.4	4644.2	4264.7	3810.2	3279.0
-40°	3428.1	3628.5	3746.4	3787.4	3746.4	3628.5	3428.1	3142.5	2768.0	2330.9	1946.6
-42.5°	1907.9	2028.4	2080.5	2050.1	2080.5	2028.4	1907.9	1733.6	1516.1	1255.6	1053.3
-45°	976.6	1004.0	1029.2	1056.8	1029.2	1004.0	976.6	936.4	892.4	834.8	766.2
-47.5°	741.1	752.9	768.4	788.8	768.4	752.9	741.1	725.3	709.7	693.8	673.9
-50°	652.1	663.7	679.9	699.4	679.9	663.7	652.1	638.1	625.9	620.1	614.9
-52.5°	575.1	582.8	595.6	611.8	595.6	582.8	575.1	564.6	553.7	550.7	544.6
-55°	514.9	524.2	533.2	541.3	533.2	524.2	514.9	504.3	493.2	490.8	484.8
-57.5°	466.9	474.9	481.4	486.3	481.4	474.9	466.9	457.9	448.3	442.0	433.9
-60°	414.9	419.6	426.3	433.0	426.3	419.6	414.9	408.9	401.8	394.4	386.4
-62.5°	359.3	365.1	369.2	371.2	369.2	365.1	359.3	352.1	343.7	336.4	330.3
-65°	275.4	275.2	276.2	276.7	276.2	275.2	275.4	274.1	271.3	269.0	266.2
-67.5°	225.1	226.9	229.6	232.0	229.6	226.9	225.1	222.6	219.8	217.3	215.0
-70°	181.1	181.6	175.2	166.7	175.2	181.6	181.1	181.0	181.7	182.6	181.3
-72.5°	116.2	102.0	95.5	89.4	95.5	102.0	116.2	130.1	143.6	153.1	152.3
-75°	86.0	71.1	70.4	70.5	70.4	71.1	86.0	100.5	114.6	125.5	125.3
-77.5°	64.9	52.0	51.5	51.6	51.5	52.0	64.9	77.3	88.8	97.9	97.3
-80°	44.1	37.8	38.6	39.5	38.6	37.8	44.1	50.1	55.8	61.1	63.2
-82.5°	29.7	25.7	25.8	25.8	25.8	25.7	29.7	33.6	37.1	40.2	39.1
-85°	11.5	10.2	10.3	10.3	10.3	10.2	11.5	12.6	13.7	14.7	14.0
-87.5°	2.1	1.7	1.7	1.7	1.7	1.7	2.1	2.5	2.9	3.3	3.2
-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: P558933 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-940-U-MWR-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°	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4
85°	13.2	12.5	11.8	13.1	14.1	15.0	15.4	13.7	12.1	10.5	9.2
82.5°	37.8	36.4	34.9	35.0	35.1	35.1	34.6	30.4	26.4	22.7	19.7
80°	64.7	65.6	65.6	64.3	62.8	61.2	58.4	50.7	43.8	37.7	33.5
77.5°	96.7	96.2	95.4	93.2	90.9	88.8	84.4	73.1	62.2	52.3	47.0
75°	124.6	123.6	121.7	118.5	115.0	111.2	104.7	93.5	81.7	69.4	63.0
72.5°	151.2	149.6	147.0	143.0	138.6	134.1	127.7	117.9	105.8	91.3	84.1
70°	179.5	177.2	173.9	168.9	163.5	158.1	153.1	146.1	136.2	123.7	116.6
67.5°	211.9	208.1	204.4	199.2	194.1	187.5	183.1	177.2	169.7	159.1	151.1
65°	260.5	251.8	246.5	245.8	240.9	231.3	220.7	213.9	206.7	196.8	185.8
62.5°	325.2	321.4	311.6	301.0	292.8	285.9	273.0	258.7	246.4	235.1	222.0
60°	377.6	368.7	360.6	350.9	339.5	328.5	317.9	303.9	286.6	272.5	258.1
57.5°	423.3	414.7	409.2	399.9	386.6	375.4	363.7	349.6	332.6	312.2	294.2
55°	474.7	468.1	462.4	453.6	441.6	426.3	411.3	396.2	377.1	352.6	330.4
52.5°	535.7	527.7	519.0	509.7	495.7	476.9	459.0	441.2	419.1	392.5	365.6
50°	606.9	590.6	576.2	563.8	545.5	524.6	503.3	483.2	457.0	429.7	401.6
47.5°	660.4	646.3	630.2	612.3	591.6	569.2	545.4	520.1	492.7	464.3	434.7
45°	740.5	710.4	678.7	658.8	635.6	611.3	586.0	557.1	527.2	496.9	465.8
42.5°	948.8	836.0	762.9	720.7	682.0	654.7	624.1	592.9	561.0	528.6	495.8
40°	1555.8	1117.2	970.5	827.9	752.5	703.4	663.8	627.3	593.5	559.2	524.5
37.5°	2668.9	2047.4	1541.4	1083.9	913.6	770.0	710.2	663.1	624.6	588.8	552.3
35°	4067.3	3351.0	2521.3	1845.4	1224.5	956.2	771.7	705.4	656.3	617.5	579.0
32.5°	5282.0	4584.4	3782.8	2853.1	1999.2	1290.4	952.8	761.9	691.3	645.9	605.0
30°	6315.2	5670.6	4905.3	3979.3	2956.6	1994.0	1217.8	906.5	743.5	672.9	629.8
27.5°	7158.2	6579.9	5863.3	5021.1	3977.9	2846.5	1847.8	1086.4	821.9	713.4	653.3
25°	7932.3	7322.4	6650.2	5864.1	4914.7	3773.6	2537.2	1560.2	975.8	756.8	675.3
22.5°	8667.5	8019.7	7329.2	6567.4	5688.7	4598.1	3365.1	2087.3	1131.3	835.2	709.2
20°	9378.3	8664.4	7944.8	7153.4	6275.8	5324.8	4114.6	2719.1	1575.0	954.4	741.6
17.5°	10106.4	9289.3	8474.4	7668.9	6779.3	5824.6	4698.7	3354.3	1960.7	1061.6	769.5
15°	10796.1	9883.3	8984.1	8098.4	7209.0	6241.5	5186.5	3920.1	2343.6	1278.5	848.8
12.5°	11494.3	10431.7	9455.7	8462.7	7570.3	6589.4	5532.3	4306.2	2792.7	1544.3	927.6
10°	12126.8	10935.0	9852.7	8801.9	7839.6	6866.9	5810.2	4616.6	3162.1	1762.7	992.3
7.5°	12668.8	11372.6	10183.0	9078.4	8055.9	7098.4	6048.8	4864.2	3440.3	1931.4	1042.8
5°	13086.8	11692.3	10437.0	9305.1	8224.0	7256.2	6223.2	5044.6	3627.8	2050.0	1079.1
2.5°	13338.4	11886.0	10585.9	9445.7	8328.5	7346.2	6315.6	5160.0	3747.2	2126.4	1105.9
0°	13446.6	11944.7	10695.4	9540.6	8368.7	7384.0	6313.5	5203.4	3790.8	2154.9	1118.7
-2.5°	13338.4	11886.0	10585.9	9445.7	8328.5	7346.2	6315.6	5160.0	3747.2	2126.4	1105.9
-5°	13086.8	11692.3	10437.0	9305.1	8224.0	7256.2	6223.2	5044.6	3627.8	2050.0	1079.1
-7.5°	12668.8	11372.6	10183.0	9078.4	8055.9	7098.4	6048.8	4864.2	3440.3	1931.4	1042.8
-10°	12126.8	10935.0	9852.7	8801.9	7839.6	6866.9	5810.2	4616.6	3162.1	1762.7	992.3
-12.5°	11494.3	10431.7	9455.7	8462.7	7570.3	6589.4	5532.3	4306.2	2792.7	1544.3	927.6
-15°	10796.1	9883.3	8984.1	8098.4	7209.0	6241.5	5186.5	3920.1	2343.6	1278.5	848.8
-17.5°	10106.4	9289.3	8474.4	7668.9	6779.3	5824.6	4698.7	3354.3	1960.7	1061.6	769.5
-20°	9378.3	8664.4	7944.8	7153.4	6275.8	5324.8	4114.6	2719.1	1575.0	954.4	741.6



REPORT NUMBER: P558933 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-940-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8667.5	8019.7	7329.2	6567.4	5688.7	4598.1	3365.1	2087.3	1131.3	835.2	709.2
-25°	7932.3	7322.4	6650.2	5864.1	4914.7	3773.6	2537.2	1560.2	975.8	756.8	675.3
-27.5°	7158.2	6579.9	5863.3	5021.1	3977.9	2846.5	1847.8	1086.4	821.9	713.4	653.3
-30°	6315.2	5670.6	4905.3	3979.3	2956.6	1994.0	1217.8	906.5	743.5	672.9	629.8
-32.5°	5282.0	4584.4	3782.8	2853.1	1999.2	1290.4	952.8	761.9	691.3	645.9	605.0
-35°	4067.3	3351.0	2521.3	1845.4	1224.5	956.2	771.7	705.4	656.3	617.5	579.0
-37.5°	2668.9	2047.4	1541.4	1083.9	913.6	770.0	710.2	663.1	624.6	588.8	552.3
-40°	1555.8	1117.2	970.5	827.9	752.5	703.4	663.8	627.3	593.5	559.2	524.5
-42.5°	948.8	836.0	762.9	720.7	682.0	654.7	624.1	592.9	561.0	528.6	495.8
-45°	740.5	710.4	678.7	658.8	635.6	611.3	586.0	557.1	527.2	496.9	465.8
-47.5°	660.4	646.3	630.2	612.3	591.6	569.2	545.4	520.1	492.7	464.3	434.7
-50°	606.9	590.6	576.2	563.8	545.5	524.6	503.3	483.2	457.0	429.7	401.6
-52.5°	535.7	527.7	519.0	509.7	495.7	476.9	459.0	441.2	419.1	392.5	365.6
-55°	474.7	468.1	462.4	453.6	441.6	426.3	411.3	396.2	377.1	352.6	330.4
-57.5°	423.3	414.7	409.2	399.9	386.6	375.4	363.7	349.6	332.6	312.2	294.2
-60°	377.6	368.7	360.6	350.9	339.5	328.5	317.9	303.9	286.6	272.5	258.1
-62.5°	325.2	321.4	311.6	301.0	292.8	285.9	273.0	258.7	246.4	235.1	222.0
-65°	260.5	251.8	246.5	245.8	240.9	231.3	220.7	213.9	206.7	196.8	185.8
-67.5°	211.9	208.1	204.4	199.2	194.1	187.5	183.1	177.2	169.7	159.1	151.1
-70°	179.5	177.2	173.9	168.9	163.5	158.1	153.1	146.1	136.2	123.7	116.6
-72.5°	151.2	149.6	147.0	143.0	138.6	134.1	127.7	117.9	105.8	91.3	84.1
-75°	124.6	123.6	121.7	118.5	115.0	111.2	104.7	93.5	81.7	69.4	63.0
-77.5°	96.7	96.2	95.4	93.2	90.9	88.8	84.4	73.1	62.2	52.3	47.0
-80°	64.7	65.6	65.6	64.3	62.8	61.2	58.4	50.7	43.8	37.7	33.5
-82.5°	37.8	36.4	34.9	35.0	35.1	35.1	34.6	30.4	26.4	22.7	19.7
-85°	13.2	12.5	11.8	13.1	14.1	15.0	15.4	13.7	12.1	10.5	9.2
-87.5°	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.5	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: P558933 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-940-U-MWR-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°	2.9	3.3	3.7	4.0	4.2	4.3	4.4	4.4	4.1	3.8	3.5
85°	9.8	10.1	10.2	9.9	9.3	8.6	8.7	8.7	8.2	7.6	7.0
82.5°	20.5	21.3	21.8	21.8	20.4	18.9	17.4	15.8	14.1	11.8	10.4
80°	35.5	36.6	36.9	36.0	32.5	29.2	26.9	24.6	22.8	20.3	17.0
77.5°	50.5	52.8	53.7	52.5	47.8	43.1	38.4	34.2	31.7	28.9	25.1
75°	66.1	69.5	71.5	70.3	64.4	57.0	51.0	46.1	42.5	37.7	33.3
72.5°	85.7	87.4	89.2	88.9	83.7	76.3	66.7	58.1	54.0	48.7	42.0
70°	112.0	107.1	105.9	105.2	102.0	96.3	86.6	75.2	65.8	59.7	52.2
67.5°	144.2	137.4	130.4	123.0	119.2	114.1	106.4	93.0	80.6	70.8	62.5
65°	176.0	166.9	158.4	147.6	138.7	131.9	124.0	109.8	94.8	82.4	72.7
62.5°	208.5	195.2	183.8	171.2	159.4	149.8	141.4	125.3	108.5	93.5	81.9
60°	242.4	226.5	209.1	194.1	179.9	167.0	155.7	140.5	122.4	104.0	90.4
57.5°	277.0	258.2	237.1	217.3	200.3	184.6	169.3	153.9	136.0	115.8	97.9
55°	311.0	290.5	265.0	241.5	220.9	202.9	183.6	166.2	148.9	127.8	103.3
52.5°	341.4	319.9	294.6	266.2	241.5	220.3	199.0	178.2	159.8	139.5	110.8
50°	372.4	345.8	321.6	293.4	262.1	237.5	214.0	191.6	170.5	150.3	117.7
47.5°	404.7	373.6	345.3	318.9	286.9	254.2	229.1	204.6	180.9	159.6	123.8
45°	434.3	402.3	369.7	340.3	309.9	273.7	243.9	217.1	192.2	164.4	129.0
42.5°	462.5	428.9	394.9	361.1	329.3	292.8	258.1	229.9	202.9	168.0	132.7
40°	489.4	454.1	418.6	383.3	348.6	310.2	273.7	242.3	212.5	171.2	135.1
37.5°	515.1	478.1	440.9	404.6	368.2	328.2	288.0	254.2	217.1	174.7	136.8
35°	539.9	500.7	463.0	424.9	386.8	346.4	300.9	265.6	224.1	177.7	137.8
32.5°	563.6	522.8	484.0	444.6	404.4	364.8	315.3	275.9	232.5	180.1	138.0
30°	586.6	544.5	503.7	463.3	421.1	380.1	331.5	286.2	242.3	181.9	138.0
27.5°	608.6	564.5	522.1	480.5	437.3	394.3	347.3	296.2	253.4	185.5	138.9
25°	628.8	583.1	539.2	496.3	452.5	407.8	362.0	306.0	262.6	192.9	139.3
22.5°	647.5	600.1	554.7	510.7	467.3	420.9	374.4	318.1	270.2	200.7	139.1
20°	664.5	615.2	569.1	525.9	480.8	433.4	384.9	329.1	277.3	208.6	138.4
17.5°	681.5	630.9	585.8	540.4	493.2	444.7	394.7	338.9	283.9	216.4	137.1
15°	708.4	647.9	600.9	553.9	504.8	454.8	403.7	347.5	289.9	223.9	136.7
12.5°	732.5	663.1	614.5	566.5	515.3	463.7	411.8	354.9	295.2	229.1	137.2
10°	752.9	676.4	626.5	577.9	524.8	471.3	418.9	361.2	299.7	231.2	136.9
7.5°	769.5	687.8	636.9	588.0	533.5	478.7	425.4	366.5	304.0	231.4	135.8
5°	783.8	700.3	649.9	599.1	543.8	485.9	431.0	370.5	307.9	229.8	134.0
2.5°	800.1	715.4	664.3	608.8	552.8	491.9	435.3	373.2	311.0	226.6	131.7
0°	812.8	728.6	677.1	616.9	560.2	496.6	438.2	374.6	312.8	221.7	128.9
-2.5°	800.1	715.4	664.3	608.8	552.8	491.9	435.3	373.2	311.0	226.6	131.7
-5°	783.8	700.3	649.9	599.1	543.8	485.9	431.0	370.5	307.9	229.8	134.0
-7.5°	769.5	687.8	636.9	588.0	533.5	478.7	425.4	366.5	304.0	231.4	135.8
-10°	752.9	676.4	626.5	577.9	524.8	471.3	418.9	361.2	299.7	231.2	136.9
-12.5°	732.5	663.1	614.5	566.5	515.3	463.7	411.8	354.9	295.2	229.1	137.2
-15°	708.4	647.9	600.9	553.9	504.8	454.8	403.7	347.5	289.9	223.9	136.7
-17.5°	681.5	630.9	585.8	540.4	493.2	444.7	394.7	338.9	283.9	216.4	137.1
-20°	664.5	615.2	569.1	525.9	480.8	433.4	384.9	329.1	277.3	208.6	138.4



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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°	647.5	600.1	554.7	510.7	467.3	420.9	374.4	318.1	270.2	200.7	139.1
-25°	628.8	583.1	539.2	496.3	452.5	407.8	362.0	306.0	262.6	192.9	139.3
-27.5°	608.6	564.5	522.1	480.5	437.3	394.3	347.3	296.2	253.4	185.5	138.9
-30°	586.6	544.5	503.7	463.3	421.1	380.1	331.5	286.2	242.3	181.9	138.0
-32.5°	563.6	522.8	484.0	444.6	404.4	364.8	315.3	275.9	232.5	180.1	138.0
-35°	539.9	500.7	463.0	424.9	386.8	346.4	300.9	265.6	224.1	177.7	137.8
-37.5°	515.1	478.1	440.9	404.6	368.2	328.2	288.0	254.2	217.1	174.7	136.8
-40°	489.4	454.1	418.6	383.3	348.6	310.2	273.7	242.3	212.5	171.2	135.1
-42.5°	462.5	428.9	394.9	361.1	329.3	292.8	258.1	229.9	202.9	168.0	132.7
-45°	434.3	402.3	369.7	340.3	309.9	273.7	243.9	217.1	192.2	164.4	129.0
-47.5°	404.7	373.6	345.3	318.9	286.9	254.2	229.1	204.6	180.9	159.6	123.8
-50°	372.4	345.8	321.6	293.4	262.1	237.5	214.0	191.6	170.5	150.3	117.7
-52.5°	341.4	319.9	294.6	266.2	241.5	220.3	199.0	178.2	159.8	139.5	110.8
-55°	311.0	290.5	265.0	241.5	220.9	202.9	183.6	166.2	148.9	127.8	103.3
-57.5°	277.0	258.2	237.1	217.3	200.3	184.6	169.3	153.9	136.0	115.8	97.9
-60°	242.4	226.5	209.1	194.1	179.9	167.0	155.7	140.5	122.4	104.0	90.4
-62.5°	208.5	195.2	183.8	171.2	159.4	149.8	141.4	125.3	108.5	93.5	81.9
-65°	176.0	166.9	158.4	147.6	138.7	131.9	124.0	109.8	94.8	82.4	72.7
-67.5°	144.2	137.4	130.4	123.0	119.2	114.1	106.4	93.0	80.6	70.8	62.5
-70°	112.0	107.1	105.9	105.2	102.0	96.3	86.6	75.2	65.8	59.7	52.2
-72.5°	85.7	87.4	89.2	88.9	83.7	76.3	66.7	58.1	54.0	48.7	42.0
-75°	66.1	69.5	71.5	70.3	64.4	57.0	51.0	46.1	42.5	37.7	33.3
-77.5°	50.5	52.8	53.7	52.5	47.8	43.1	38.4	34.2	31.7	28.9	25.1
-80°	35.5	36.6	36.9	36.0	32.5	29.2	26.9	24.6	22.8	20.3	17.0
-82.5°	20.5	21.3	21.8	21.8	20.4	18.9	17.4	15.8	14.1	11.8	10.4
-85°	9.8	10.1	10.2	9.9	9.3	8.6	8.7	8.7	8.2	7.6	7.0
-87.5°	2.9	3.3	3.7	4.0	4.2	4.3	4.4	4.4	4.1	3.8	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):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.1	2.4	1.8	1.2	0.7	0.4	0.0
85°	6.2	4.8	3.6	2.5	1.5	0.7	0.0
82.5°	9.3	7.2	5.3	3.7	2.2	1.1	0.0
80°	12.8	9.6	7.1	4.9	3.0	1.5	0.0
77.5°	20.1	13.0	8.8	6.1	3.7	1.9	0.0
75°	27.3	18.6	10.9	7.3	4.4	2.2	0.0
72.5°	34.3	24.0	15.0	8.4	5.2	2.6	0.0
70°	41.3	29.3	18.9	9.8	5.9	2.9	0.0
67.5°	49.4	34.5	22.8	12.5	6.6	3.3	0.0
65°	57.2	40.0	26.5	15.1	7.3	3.6	0.0
62.5°	64.7	45.8	30.0	17.6	7.9	4.0	0.0
60°	71.8	51.3	33.4	20.0	8.6	4.3	0.0
57.5°	76.6	56.6	37.3	22.3	10.1	4.6	0.0
55°	80.7	61.5	41.1	24.5	11.6	4.9	0.0
52.5°	84.2	65.8	44.6	26.6	13.0	5.2	0.0
50°	87.1	67.9	47.8	28.5	14.4	5.5	0.0
47.5°	89.7	69.5	50.8	30.4	15.7	5.8	0.0
45°	94.1	70.8	53.6	32.5	16.9	6.1	0.0
42.5°	97.8	71.6	56.1	34.4	18.1	6.3	0.0
40°	100.8	72.0	57.4	36.3	19.2	6.6	0.0
37.5°	103.1	72.0	57.6	38.4	20.3	6.8	0.0
35°	104.8	72.9	57.5	40.4	21.3	7.0	0.0
32.5°	105.6	74.1	57.1	42.3	22.2	7.3	0.0
30°	105.5	74.7	56.6	44.1	23.0	7.4	0.0
27.5°	104.9	74.9	57.2	45.9	23.8	7.6	0.0
25°	103.8	74.7	57.8	47.6	24.5	7.8	0.0
22.5°	102.1	74.9	58.4	49.3	25.2	7.9	0.0
20°	99.9	76.8	58.8	50.8	25.7	8.1	0.0
17.5°	100.1	78.5	59.2	52.2	26.2	8.2	0.0
15°	101.6	80.0	59.5	53.5	26.6	8.3	0.0
12.5°	102.8	81.3	59.7	54.7	27.0	8.4	0.0
10°	103.7	82.3	59.9	55.7	27.2	8.5	0.0
7.5°	104.4	83.2	60.0	56.6	27.4	8.5	0.0
5°	104.8	83.7	60.1	57.4	27.5	8.6	0.0
2.5°	104.9	84.1	60.1	58.0	27.5	8.6	0.0
0°	104.8	84.2	60.1	58.4	27.5	8.6	0.0
-2.5°	104.9	84.1	60.1	58.0	27.5	8.6	0.0
-5°	104.8	83.7	60.1	57.4	27.5	8.6	0.0
-7.5°	104.4	83.2	60.0	56.6	27.4	8.5	0.0
-10°	103.7	82.3	59.9	55.7	27.2	8.5	0.0
-12.5°	102.8	81.3	59.7	54.7	27.0	8.4	0.0
-15°	101.6	80.0	59.5	53.5	26.6	8.3	0.0
-17.5°	100.1	78.5	59.2	52.2	26.2	8.2	0.0
-20°	99.9	76.8	58.8	50.8	25.7	8.1	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	102.1	74.9	58.4	49.3	25.2	7.9	0.0
-25°	103.8	74.7	57.8	47.6	24.5	7.8	0.0
-27.5°	104.9	74.9	57.2	45.9	23.8	7.6	0.0
-30°	105.5	74.7	56.6	44.1	23.0	7.4	0.0
-32.5°	105.6	74.1	57.1	42.3	22.2	7.3	0.0
-35°	104.8	72.9	57.5	40.4	21.3	7.0	0.0
-37.5°	103.1	72.0	57.6	38.4	20.3	6.8	0.0
-40°	100.8	72.0	57.4	36.3	19.2	6.6	0.0
-42.5°	97.8	71.6	56.1	34.4	18.1	6.3	0.0
-45°	94.1	70.8	53.6	32.5	16.9	6.1	0.0
-47.5°	89.7	69.5	50.8	30.4	15.7	5.8	0.0
-50°	87.1	67.9	47.8	28.5	14.4	5.5	0.0
-52.5°	84.2	65.8	44.6	26.6	13.0	5.2	0.0
-55°	80.7	61.5	41.1	24.5	11.6	4.9	0.0
-57.5°	76.6	56.6	37.3	22.3	10.1	4.6	0.0
-60°	71.8	51.3	33.4	20.0	8.6	4.3	0.0
-62.5°	64.7	45.8	30.0	17.6	7.9	4.0	0.0
-65°	57.2	40.0	26.5	15.1	7.3	3.6	0.0
-67.5°	49.4	34.5	22.8	12.5	6.6	3.3	0.0
-70°	41.3	29.3	18.9	9.8	5.9	2.9	0.0
-72.5°	34.3	24.0	15.0	8.4	5.2	2.6	0.0
-75°	27.3	18.6	10.9	7.3	4.4	2.2	0.0
-77.5°	20.1	13.0	8.8	6.1	3.7	1.9	0.0
-80°	12.8	9.6	7.1	4.9	3.0	1.5	0.0
-82.5°	9.3	7.2	5.3	3.7	2.2	1.1	0.0
-85°	6.2	4.8	3.6	2.5	1.5	0.7	0.0
-87.5°	3.1	2.4	1.8	1.2	0.7	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)