

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: P559227 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-940-U-WR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559227 (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-SA6D-940-U-WR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQUARE, WIDE SYMMETRICAL ROUND N6  
Light Source: (96) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

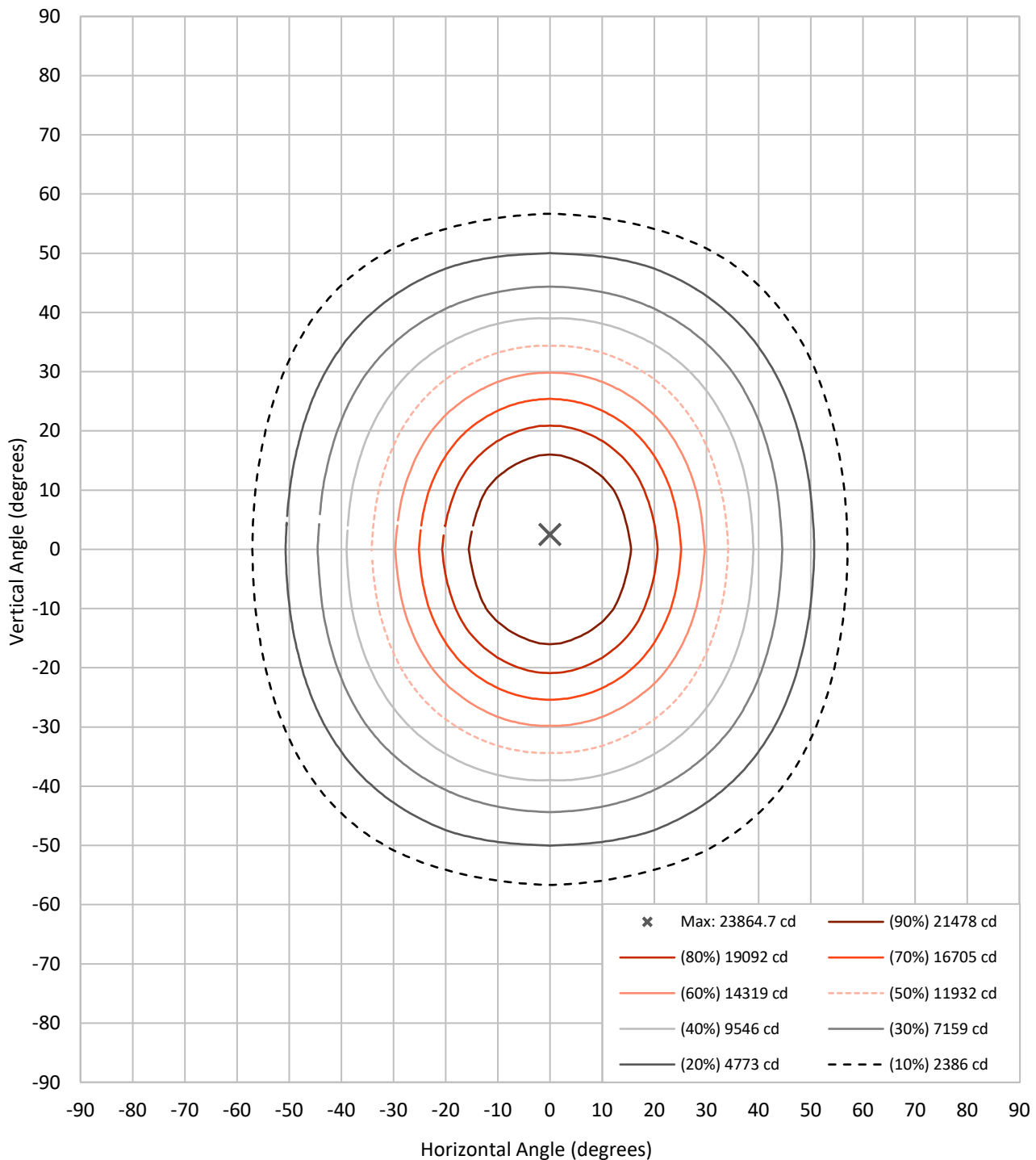
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	32298.7 lumens	Max Intensity:	23864.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	101.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	19365.4 lumens	Field Lumens:	30853.9 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 319  
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





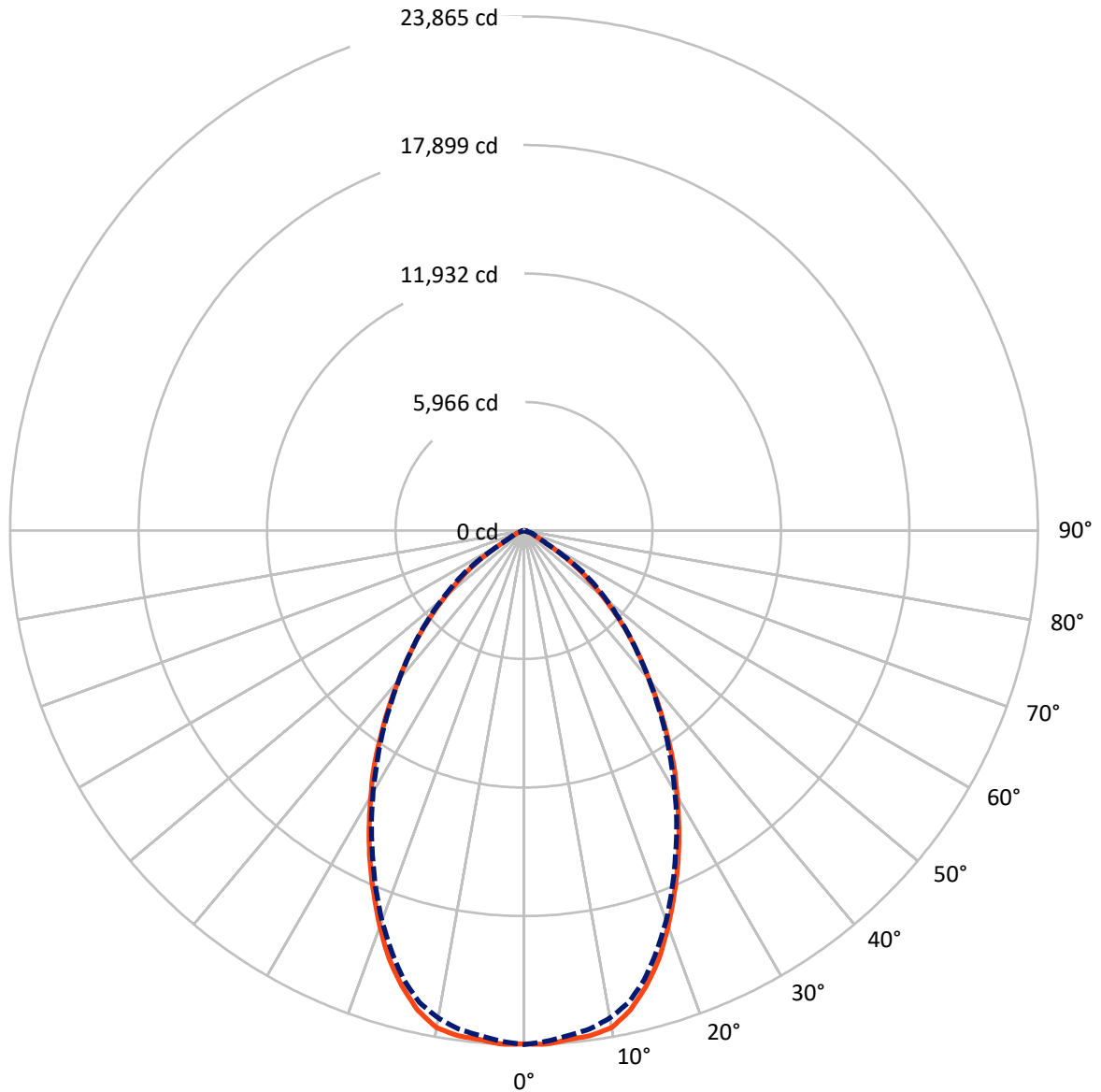
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### Lumen Table

90																
80	0.3	3.1		7.8		13.5		9.5		13.5		7.8		3.1		0.3
70																
60	1.5	2.2	4.3	6.9	10.0	13.0	16.0	18.0	18.0	16.0	13.0	10.0	6.9	4.3	2.2	1.5
50		3.5	7.2	13.0	25.1	48.6	72.8	87.2	87.2	72.8	48.6	25.1	13.0	7.2	3.5	
40	2.5	4.7	10.6	30.9	81.4	135.4	180.1	205.3	205.3	180.1	135.4	81.4	30.9	10.6	4.7	2.5
30		5.7	18.2	71.3	146.2	228.2	302.4	346.8	346.8	302.4	228.2	146.2	71.3	18.2	5.7	
20	2.7	6.9	33.1	107.8	207.4	324.5	433.8	502.5	502.5	433.8	324.5	207.4	107.8	33.1	6.9	2.7
10		8.2	47.2	134.2	255.6	405.5	552.3	645.2	645.2	552.3	405.5	255.6	134.2	47.2	8.2	
0	2.9	8.9	55.1	148.4	282.7	453.1	620.4	709.2	709.2	620.4	453.1	282.7	148.4	55.1	8.9	2.9
-10		8.9	55.1	148.4	282.7	453.1	620.4	709.2	709.2	620.4	453.1	282.7	148.4	55.1	8.9	
-20	2.7	8.2	47.2	134.2	255.6	405.5	552.3	645.2	645.2	552.3	405.5	255.6	134.2	47.2	8.2	2.7
-30		6.9	33.1	107.8	207.4	324.5	433.8	502.5	502.5	433.8	324.5	207.4	107.8	33.1	6.9	
-40	2.5	5.7	18.2	71.3	146.2	228.2	302.4	346.8	346.8	302.4	228.2	146.2	71.3	18.2	5.7	2.5
-50		4.7	10.6	30.9	81.4	135.4	180.1	205.3	205.3	180.1	135.4	81.4	30.9	10.6	4.7	
-60	1.5	3.5	7.2	13.0	25.1	48.6	72.8	87.2	87.2	72.8	48.6	25.1	13.0	7.2	3.5	1.5
-70		2.2	4.3	6.9	10.0	13.0	16.0	18.0	18.0	16.0	13.0	10.0	6.9	4.3	2.2	
-80																
-90	0.3	3.1		7.8		13.5		9.5		13.5		7.8		3.1		0.3

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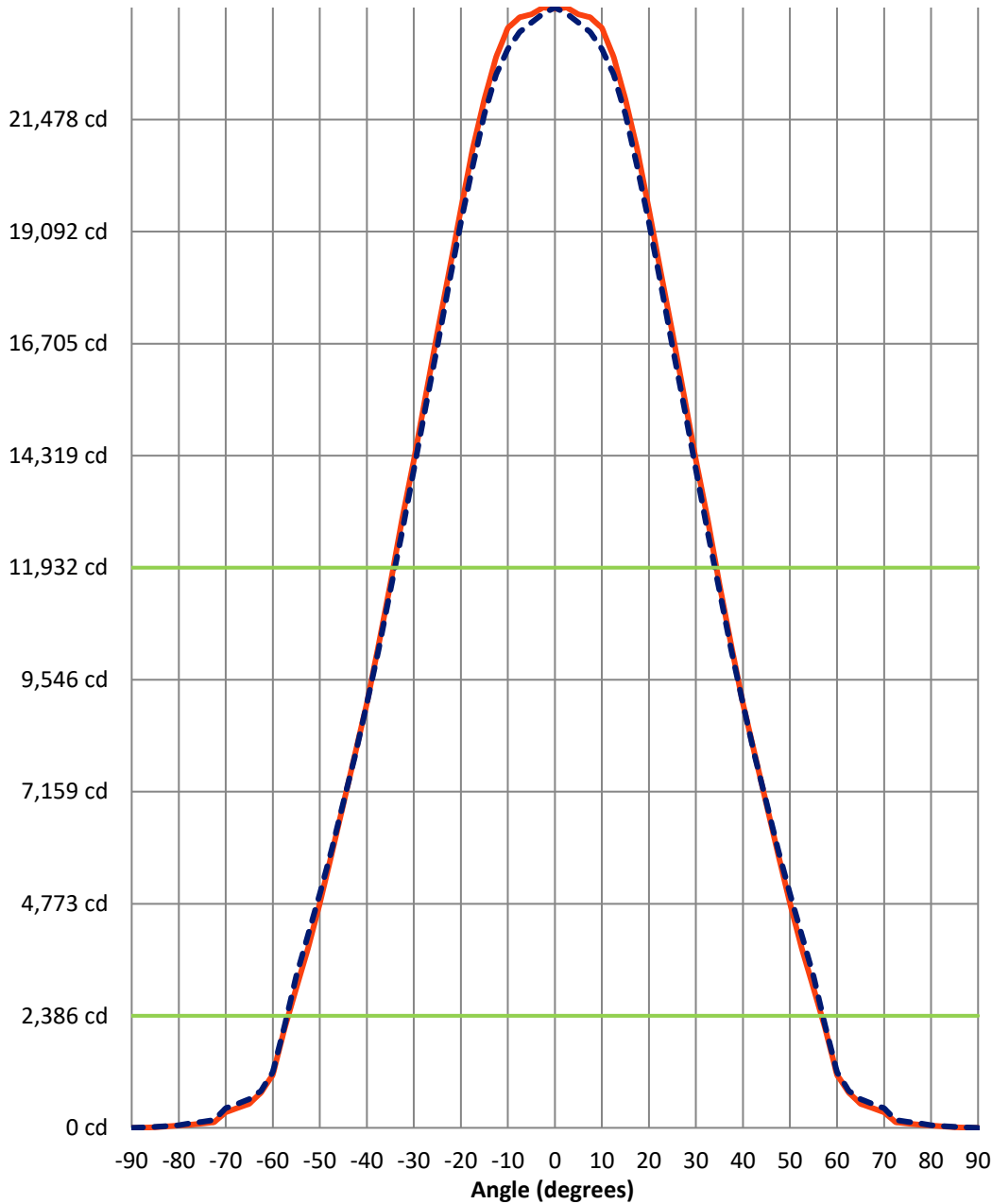
### Luminous Intensity Polar Plot



— 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: 19365.4  
Efficiency: 60.0%

**Field:**  
H Angle: 114°  
V Angle: 113.4°  
Lumens: 30853.9  
Efficiency: 95.5%

**Spill:**  
Lumens: 1444.8  
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	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.5	3.9
85°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.5	6.3	7.0	7.8
82.5°	0.0	1.2	2.4	3.6	4.8	6.0	7.1	8.3	9.9	13.5	17.3
80°	0.0	1.6	3.2	4.8	6.4	7.9	10.0	14.8	19.7	24.8	30.1
77.5°	0.0	2.0	4.0	6.0	7.9	10.9	16.9	23.1	29.5	36.0	44.9
75°	0.0	2.4	4.8	7.1	9.8	15.8	23.6	31.4	39.8	53.2	66.3
72.5°	0.0	2.8	5.5	8.3	13.0	20.5	30.1	41.3	56.9	72.4	87.5
70°	0.0	3.1	6.3	9.6	16.1	25.0	37.0	56.1	73.8	91.5	116.5
67.5°	0.0	3.5	7.0	11.4	19.1	29.3	48.3	70.8	90.6	117.0	146.5
65°	0.0	3.9	7.8	13.2	21.9	35.1	58.9	85.1	111.2	141.5	175.0
62.5°	0.0	4.2	8.5	14.9	24.5	42.0	68.7	100.7	130.8	165.5	202.2
60°	0.0	4.6	9.2	16.5	27.0	48.4	77.7	116.1	149.5	191.4	229.5
57.5°	0.0	4.9	10.1	17.9	30.8	54.2	86.8	130.0	172.3	217.3	252.3
55°	0.0	5.3	11.0	19.3	34.2	59.3	94.8	140.8	196.1	241.7	273.0
52.5°	0.0	5.6	11.9	20.5	37.2	63.8	101.8	156.8	219.8	260.7	293.6
50°	0.0	5.9	12.7	21.7	39.8	68.0	107.6	171.7	241.5	279.6	315.4
47.5°	0.0	6.2	13.5	22.7	42.0	71.4	113.0	184.7	258.3	298.4	336.0
45°	0.0	6.5	14.3	23.9	43.7	74.0	122.1	195.6	265.6	315.4	355.2
42.5°	0.0	6.8	15.0	24.9	44.9	75.7	129.7	201.8	270.4	331.3	376.3
40°	0.0	7.0	15.7	26.0	45.7	76.5	135.8	204.1	273.3	344.6	397.3
37.5°	0.0	7.3	16.4	27.3	46.1	76.5	140.3	204.8	276.2	350.4	417.5
35°	0.0	7.5	17.0	28.5	45.9	78.3	143.3	203.7	279.1	363.2	437.6
32.5°	0.0	7.8	17.6	29.6	45.3	80.4	144.0	201.0	281.9	379.5	457.7
30°	0.0	8.0	18.2	30.6	44.2	81.4	141.3	198.0	284.6	399.0	476.7
27.5°	0.0	8.2	18.7	31.6	45.3	81.4	137.4	198.6	291.6	421.3	494.5
25°	0.0	8.3	19.2	32.5	46.7	80.5	132.4	198.7	306.7	439.0	511.4
22.5°	0.0	8.5	19.6	33.3	47.9	80.5	126.4	198.3	322.7	452.5	533.0
20°	0.0	8.6	20.0	34.0	49.2	84.2	119.4	197.2	339.1	464.7	552.1
17.5°	0.0	8.8	20.4	34.7	50.3	87.6	118.1	195.3	355.7	475.7	568.9
15°	0.0	8.9	20.7	35.2	51.3	90.4	120.5	194.3	371.8	485.4	583.2
12.5°	0.0	9.0	20.9	35.7	52.3	92.8	122.6	193.0	386.1	493.7	595.2
10°	0.0	9.1	21.1	36.1	53.1	94.8	124.5	189.2	397.9	500.1	604.1
7.5°	0.0	9.1	21.3	36.4	53.8	96.3	126.1	183.2	407.3	505.2	609.3
5°	0.0	9.2	21.4	36.6	54.4	97.4	127.3	175.4	414.0	509.0	612.0
2.5°	0.0	9.2	21.5	36.8	54.9	98.0	128.2	166.4	417.4	511.5	612.3
0°	0.0	9.2	21.5	36.8	55.2	98.2	128.8	156.5	417.2	512.3	610.5
-2.5°	0.0	9.2	21.5	36.8	54.9	98.0	128.2	166.4	417.4	511.5	612.3
-5°	0.0	9.2	21.4	36.6	54.4	97.4	127.3	175.4	414.0	509.0	612.0
-7.5°	0.0	9.1	21.3	36.4	53.8	96.3	126.1	183.2	407.3	505.2	609.3
-10°	0.0	9.1	21.1	36.1	53.1	94.8	124.5	189.2	397.9	500.1	604.1
-12.5°	0.0	9.0	20.9	35.7	52.3	92.8	122.6	193.0	386.1	493.7	595.2
-15°	0.0	8.9	20.7	35.2	51.3	90.4	120.5	194.3	371.8	485.4	583.2
-17.5°	0.0	8.8	20.4	34.7	50.3	87.6	118.1	195.3	355.7	475.7	568.9
-20°	0.0	8.6	20.0	34.0	49.2	84.2	119.4	197.2	339.1	464.7	552.1



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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	8.5	19.6	33.3	47.9	80.5	126.4	198.3	322.7	452.5	533.0
-25°	0.0	8.3	19.2	32.5	46.7	80.5	132.4	198.7	306.7	439.0	511.4
-27.5°	0.0	8.2	18.7	31.6	45.3	81.4	137.4	198.6	291.6	421.3	494.5
-30°	0.0	8.0	18.2	30.6	44.2	81.4	141.3	198.0	284.6	399.0	476.7
-32.5°	0.0	7.8	17.6	29.6	45.3	80.4	144.0	201.0	281.9	379.5	457.7
-35°	0.0	7.5	17.0	28.5	45.9	78.3	143.3	203.7	279.1	363.2	437.6
-37.5°	0.0	7.3	16.4	27.3	46.1	76.5	140.3	204.8	276.2	350.4	417.5
-40°	0.0	7.0	15.7	26.0	45.7	76.5	135.8	204.1	273.3	344.6	397.3
-42.5°	0.0	6.8	15.0	24.9	44.9	75.7	129.7	201.8	270.4	331.3	376.3
-45°	0.0	6.5	14.3	23.9	43.7	74.0	122.1	195.6	265.6	315.4	355.2
-47.5°	0.0	6.2	13.5	22.7	42.0	71.4	113.0	184.7	258.3	298.4	336.0
-50°	0.0	5.9	12.7	21.7	39.8	68.0	107.6	171.7	241.5	279.6	315.4
-52.5°	0.0	5.6	11.9	20.5	37.2	63.8	101.8	156.8	219.8	260.7	293.6
-55°	0.0	5.3	11.0	19.3	34.2	59.3	94.8	140.8	196.1	241.7	273.0
-57.5°	0.0	4.9	10.1	17.9	30.8	54.2	86.8	130.0	172.3	217.3	252.3
-60°	0.0	4.6	9.2	16.5	27.0	48.4	77.7	116.1	149.5	191.4	229.5
-62.5°	0.0	4.2	8.5	14.9	24.5	42.0	68.7	100.7	130.8	165.5	202.2
-65°	0.0	3.9	7.8	13.2	21.9	35.1	58.9	85.1	111.2	141.5	175.0
-67.5°	0.0	3.5	7.0	11.4	19.1	29.3	48.3	70.8	90.6	117.0	146.5
-70°	0.0	3.1	6.3	9.6	16.1	25.0	37.0	56.1	73.8	91.5	116.5
-72.5°	0.0	2.8	5.5	8.3	13.0	20.5	30.1	41.3	56.9	72.4	87.5
-75°	0.0	2.4	4.8	7.1	9.8	15.8	23.6	31.4	39.8	53.2	66.3
-77.5°	0.0	2.0	4.0	6.0	7.9	10.9	16.9	23.1	29.5	36.0	44.9
-80°	0.0	1.6	3.2	4.8	6.4	7.9	10.0	14.8	19.7	24.8	30.1
-82.5°	0.0	1.2	2.4	3.6	4.8	6.0	7.1	8.3	9.9	13.5	17.3
-85°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.5	6.3	7.0	7.8
-87.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.5	3.9
-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°	3.9	3.8	3.7	3.5	3.7	3.9	4.1	4.3	3.9	3.5	3.1
85°	7.8	7.7	8.7	9.3	10.3	10.9	11.2	11.2	12.6	14.3	16.4
82.5°	19.4	20.8	21.6	21.7	22.1	21.9	21.7	21.6	26.6	33.0	40.2
80°	32.7	34.0	39.2	44.7	47.6	47.5	45.0	40.1	47.6	59.5	73.8
77.5°	53.2	61.1	69.3	77.8	79.3	75.3	68.7	59.7	70.3	91.4	115.4
75°	77.4	88.1	100.1	109.2	109.3	102.7	94.1	92.3	110.2	135.8	156.9
72.5°	105.8	121.4	133.1	140.8	140.2	139.1	142.4	150.0	164.6	183.4	199.7
70°	140.1	155.8	164.4	168.4	169.9	178.4	191.1	200.7	211.1	229.5	246.6
67.5°	174.2	186.2	193.6	198.9	213.2	229.5	242.2	253.9	266.8	285.7	301.3
65°	204.4	216.7	227.4	243.3	264.2	279.6	294.8	310.5	332.9	354.0	366.7
62.5°	234.1	247.1	263.4	285.0	307.7	327.4	352.0	379.9	409.0	430.7	455.5
60°	257.1	275.6	298.6	324.4	351.3	383.5	415.2	447.8	477.6	506.6	543.2
57.5°	279.0	305.6	334.4	364.6	400.4	440.5	479.1	514.3	551.8	592.2	633.5
55°	302.8	337.7	369.8	405.8	449.5	500.3	543.3	584.9	629.9	698.0	757.4
52.5°	329.1	367.7	403.9	448.0	502.2	556.5	605.4	663.8	738.9	840.0	1004.0
50°	353.9	395.3	437.7	494.6	553.2	610.4	681.2	762.5	912.9	1101.4	1431.6
47.5°	378.5	422.4	478.5	540.0	603.8	679.3	768.9	946.9	1151.9	1621.5	2089.4
45°	402.9	455.1	517.0	586.9	662.9	757.8	943.9	1163.3	1721.1	2261.2	2823.8
42.5°	426.8	487.9	558.6	633.1	732.4	904.0	1143.8	1723.4	2327.3	2947.6	3487.6
40°	453.9	518.5	600.4	694.8	826.1	1086.6	1624.9	2277.4	2958.0	3544.1	4069.5
37.5°	479.4	555.8	644.7	754.6	990.8	1425.7	2119.2	2842.9	3502.0	4074.6	4635.9
35°	502.7	591.9	698.0	862.8	1152.2	1868.8	2620.6	3356.6	3986.6	4598.0	5212.0
32.5°	530.2	626.9	749.1	1006.0	1522.4	2296.8	3096.7	3798.0	4457.7	5109.7	5810.9
30°	560.5	670.2	820.4	1142.7	1889.0	2712.4	3505.0	4221.4	4905.4	5629.4	6380.5
27.5°	589.1	712.0	938.4	1407.6	2233.8	3100.6	3876.4	4613.6	5347.9	6118.9	6927.6
25°	615.1	751.8	1049.1	1698.2	2566.6	3431.8	4218.1	4968.5	5761.2	6599.2	7450.1
22.5°	643.1	790.5	1148.8	1962.7	2871.0	3726.5	4520.0	5315.5	6154.6	7042.8	7930.4
20°	673.3	873.1	1313.0	2207.1	3147.6	3994.4	4790.9	5638.0	6522.7	7442.5	8380.1
17.5°	700.8	946.2	1509.2	2438.8	3380.2	4227.3	5034.7	5930.0	6842.8	7804.4	8791.9
15°	725.6	1009.5	1682.1	2643.8	3577.6	4425.1	5272.5	6189.3	7127.3	8128.8	9154.6
12.5°	747.3	1063.1	1830.6	2821.0	3744.1	4594.3	5472.4	6407.8	7380.8	8412.5	9481.4
10°	765.8	1106.7	1954.2	2969.3	3879.6	4733.9	5632.8	6589.8	7582.6	8640.9	9744.9
7.5°	777.7	1142.6	2051.9	3087.6	3984.1	4843.2	5753.7	6733.1	7730.2	8819.2	9944.2
5°	785.2	1172.0	2122.6	3175.1	4060.3	4925.6	5840.9	6836.2	7825.0	8944.3	10078.2
2.5°	788.8	1192.2	2165.6	3231.2	4108.0	4983.4	5913.0	6926.5	7924.6	9033.4	10182.0
0°	788.4	1202.6	2181.2	3255.0	4126.2	5009.8	5948.5	6973.2	7988.6	9071.6	10252.7
-2.5°	788.8	1192.2	2165.6	3231.2	4108.0	4983.4	5913.0	6926.5	7924.6	9033.4	10182.0
-5°	785.2	1172.0	2122.6	3175.1	4060.3	4925.6	5840.9	6836.2	7825.0	8944.3	10078.2
-7.5°	777.7	1142.6	2051.9	3087.6	3984.1	4843.2	5753.7	6733.1	7730.2	8819.2	9944.2
-10°	765.8	1106.7	1954.2	2969.3	3879.6	4733.9	5632.8	6589.8	7582.6	8640.9	9744.9
-12.5°	747.3	1063.1	1830.6	2821.0	3744.1	4594.3	5472.4	6407.8	7380.8	8412.5	9481.4
-15°	725.6	1009.5	1682.1	2643.8	3577.6	4425.1	5272.5	6189.3	7127.3	8128.8	9154.6
-17.5°	700.8	946.2	1509.2	2438.8	3380.2	4227.3	5034.7	5930.0	6842.8	7804.4	8791.9
-20°	673.3	873.1	1313.0	2207.1	3147.6	3994.4	4790.9	5638.0	6522.7	7442.5	8380.1



REPORT NUMBER: P559227 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-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°	643.1	790.5	1148.8	1962.7	2871.0	3726.5	4520.0	5315.5	6154.6	7042.8	7930.4
-25°	615.1	751.8	1049.1	1698.2	2566.6	3431.8	4218.1	4968.5	5761.2	6599.2	7450.1
-27.5°	589.1	712.0	938.4	1407.6	2233.8	3100.6	3876.4	4613.6	5347.9	6118.9	6927.6
-30°	560.5	670.2	820.4	1142.7	1889.0	2712.4	3505.0	4221.4	4905.4	5629.4	6380.5
-32.5°	530.2	626.9	749.1	1006.0	1522.4	2296.8	3096.7	3798.0	4457.7	5109.7	5810.9
-35°	502.7	591.9	698.0	862.8	1152.2	1868.8	2620.6	3356.6	3986.6	4598.0	5212.0
-37.5°	479.4	555.8	644.7	754.6	990.8	1425.7	2119.2	2842.9	3502.0	4074.6	4635.9
-40°	453.9	518.5	600.4	694.8	826.1	1086.6	1624.9	2277.4	2958.0	3544.1	4069.5
-42.5°	426.8	487.9	558.6	633.1	732.4	904.0	1143.8	1723.4	2327.3	2947.6	3487.6
-45°	402.9	455.1	517.0	586.9	662.9	757.8	943.9	1163.3	1721.1	2261.2	2823.8
-47.5°	378.5	422.4	478.5	540.0	603.8	679.3	768.9	946.9	1151.9	1621.5	2089.4
-50°	353.9	395.3	437.7	494.6	553.2	610.4	681.2	762.5	912.9	1101.4	1431.6
-52.5°	329.1	367.7	403.9	448.0	502.2	556.5	605.4	663.8	738.9	840.0	1004.0
-55°	302.8	337.7	369.8	405.8	449.5	500.3	543.3	584.9	629.9	698.0	757.4
-57.5°	279.0	305.6	334.4	364.6	400.4	440.5	479.1	514.3	551.8	592.2	633.5
-60°	257.1	275.6	298.6	324.4	351.3	383.5	415.2	447.8	477.6	506.6	543.2
-62.5°	234.1	247.1	263.4	285.0	307.7	327.4	352.0	379.9	409.0	430.7	455.5
-65°	204.4	216.7	227.4	243.3	264.2	279.6	294.8	310.5	332.9	354.0	366.7
-67.5°	174.2	186.2	193.6	198.9	213.2	229.5	242.2	253.9	266.8	285.7	301.3
-70°	140.1	155.8	164.4	168.4	169.9	178.4	191.1	200.7	211.1	229.5	246.6
-72.5°	105.8	121.4	133.1	140.8	140.2	139.1	142.4	150.0	164.6	183.4	199.7
-75°	77.4	88.1	100.1	109.2	109.3	102.7	94.1	92.3	110.2	135.8	156.9
-77.5°	53.2	61.1	69.3	77.8	79.3	75.3	68.7	59.7	70.3	91.4	115.4
-80°	32.7	34.0	39.2	44.7	47.6	47.5	45.0	40.1	47.6	59.5	73.8
-82.5°	19.4	20.8	21.6	21.7	22.1	21.9	21.7	21.6	26.6	33.0	40.2
-85°	7.8	7.7	8.7	9.3	10.3	10.9	11.2	11.2	12.6	14.3	16.4
-87.5°	3.9	3.8	3.7	3.5	3.7	3.9	4.1	4.3	3.9	3.5	3.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559227 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-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°	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3.0	3.0	3.0	3.1
85°	18.7	18.4	17.7	16.8	15.6	16.1	16.6	17.0	17.4	16.2	15.0
82.5°	48.1	51.6	55.0	58.6	62.4	61.9	60.1	57.6	54.4	48.5	41.9
80°	90.1	98.6	104.2	108.8	112.3	108.9	103.6	97.6	90.8	80.6	69.6
77.5°	140.0	148.5	152.9	158.1	164.0	165.2	165.5	166.1	166.7	147.9	124.0
75°	173.8	185.0	194.3	202.5	209.7	213.3	215.6	217.9	220.1	195.2	162.4
72.5°	213.7	224.6	233.4	242.3	250.1	256.1	260.7	264.5	267.5	247.3	218.7
70°	260.3	271.2	281.3	290.4	299.3	307.4	314.8	321.6	327.7	328.9	330.3
67.5°	312.9	319.3	331.4	342.9	356.7	366.7	378.0	388.5	398.2	406.4	413.2
65°	378.0	401.2	424.7	436.1	437.0	451.7	474.6	487.3	491.1	494.0	501.2
62.5°	487.3	517.2	532.9	553.4	581.7	612.4	624.2	641.1	661.8	685.1	706.2
60°	574.1	599.5	637.5	676.1	710.4	741.6	817.2	884.4	942.0	991.6	1039.3
57.5°	681.9	723.9	782.0	886.5	982.2	1068.6	1216.6	1397.0	1557.9	1698.6	1822.3
55°	853.7	976.0	1086.1	1332.9	1596.7	1825.0	2038.8	2267.3	2453.4	2598.8	2733.4
52.5°	1146.7	1482.9	1823.7	2144.2	2459.4	2746.3	3003.7	3206.3	3364.5	3483.2	3595.6
50°	1835.7	2240.9	2656.0	3038.4	3348.0	3630.8	3898.7	4099.7	4267.9	4412.7	4540.8
47.5°	2586.9	3061.2	3453.5	3806.1	4139.8	4453.6	4746.7	4991.3	5198.5	5389.5	5548.5
45°	3334.3	3758.6	4160.9	4539.1	4902.2	5254.0	5569.3	5847.5	6121.6	6348.1	6527.2
42.5°	3966.5	4415.6	4843.5	5276.3	5682.3	6076.9	6457.8	6796.2	7087.3	7334.8	7534.0
40°	4573.1	5057.4	5565.6	6046.2	6528.3	6978.5	7400.5	7786.8	8118.4	8411.5	8659.5
37.5°	5190.6	5756.1	6314.4	6862.0	7393.3	7883.0	8367.3	8812.9	9201.5	9544.4	9832.4
35°	5842.2	6465.4	7073.0	7690.1	8270.1	8836.8	9372.2	9862.8	10293.1	10697.1	11044.3
32.5°	6495.1	7170.3	7854.5	8522.2	9164.7	9799.4	10386.6	10939.6	11448.3	11895.4	12266.2
30°	7130.7	7874.2	8606.2	9333.7	10067.0	10758.4	11408.8	12016.2	12568.2	13055.2	13476.5
27.5°	7740.6	8539.8	9324.9	10157.0	10953.8	11706.0	12412.7	13065.7	13681.8	14235.7	14713.8
25°	8305.0	9154.0	10069.0	10941.7	11794.4	12628.6	13402.9	14112.2	14816.6	15426.0	15945.2
22.5°	8838.2	9785.6	10749.0	11664.3	12605.1	13522.5	14389.1	15211.1	15963.5	16602.1	17155.6
20°	9345.3	10364.7	11357.5	12370.8	13389.7	14379.3	15333.6	16212.2	17007.1	17702.9	18327.2
17.5°	9824.2	10879.1	11934.2	13016.1	14116.4	15156.9	16168.0	17123.7	17991.5	18763.5	19467.3
15°	10238.4	11328.5	12458.2	13608.2	14759.0	15865.3	16938.4	17979.5	18955.9	19796.3	20505.9
12.5°	10590.6	11726.1	12921.0	14127.6	15340.7	16500.4	17637.8	18751.9	19789.7	20693.2	21421.8
10°	10882.5	12072.3	13320.5	14577.2	15821.5	17026.5	18209.3	19362.1	20476.8	21413.2	22161.6
7.5°	11125.9	12361.3	13638.3	14933.0	16188.5	17439.8	18673.5	19837.9	20936.2	21923.6	22692.7
5°	11307.7	12563.7	13867.7	15194.7	16469.4	17765.4	19035.7	20227.4	21314.6	22209.5	22837.3
2.5°	11443.0	12689.8	14016.6	15352.4	16644.0	17986.8	19284.1	20477.1	21589.9	22436.9	22980.5
0°	11535.0	12759.1	14151.9	15461.9	16774.9	18152.4	19434.7	20640.4	21757.1	22585.4	23146.8
-2.5°	11443.0	12689.8	14016.6	15352.4	16644.0	17986.8	19284.1	20477.1	21589.9	22436.9	22980.5
-5°	11307.7	12563.7	13867.7	15194.7	16469.4	17765.4	19035.7	20227.4	21314.6	22209.5	22837.3
-7.5°	11125.9	12361.3	13638.3	14933.0	16188.5	17439.8	18673.5	19837.9	20936.2	21923.6	22692.7
-10°	10882.5	12072.3	13320.5	14577.2	15821.5	17026.5	18209.3	19362.1	20476.8	21413.2	22161.6
-12.5°	10590.6	11726.1	12921.0	14127.6	15340.7	16500.4	17637.8	18751.9	19789.7	20693.2	21421.8
-15°	10238.4	11328.5	12458.2	13608.2	14759.0	15865.3	16938.4	17979.5	18955.9	19796.3	20505.9
-17.5°	9824.2	10879.1	11934.2	13016.1	14116.4	15156.9	16168.0	17123.7	17991.5	18763.5	19467.3
-20°	9345.3	10364.7	11357.5	12370.8	13389.7	14379.3	15333.6	16212.2	17007.1	17702.9	18327.2



REPORT NUMBER: P559227 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-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°	8838.2	9785.6	10749.0	11664.3	12605.1	13522.5	14389.1	15211.1	15963.5	16602.1	17155.6
-25°	8305.0	9154.0	10069.0	10941.7	11794.4	12628.6	13402.9	14112.2	14816.6	15426.0	15945.2
-27.5°	7740.6	8539.8	9324.9	10157.0	10953.8	11706.0	12412.7	13065.7	13681.8	14235.7	14713.8
-30°	7130.7	7874.2	8606.2	9333.7	10067.0	10758.4	11408.8	12016.2	12568.2	13055.2	13476.5
-32.5°	6495.1	7170.3	7854.5	8522.2	9164.7	9799.4	10386.6	10939.6	11448.3	11895.4	12266.2
-35°	5842.2	6465.4	7073.0	7690.1	8270.1	8836.8	9372.2	9862.8	10293.1	10697.1	11044.3
-37.5°	5190.6	5756.1	6314.4	6862.0	7393.3	7883.0	8367.3	8812.9	9201.5	9544.4	9832.4
-40°	4573.1	5057.4	5565.6	6046.2	6528.3	6978.5	7400.5	7786.8	8118.4	8411.5	8659.5
-42.5°	3966.5	4415.6	4843.5	5276.3	5682.3	6076.9	6457.8	6796.2	7087.3	7334.8	7534.0
-45°	3334.3	3758.6	4160.9	4539.1	4902.2	5254.0	5569.3	5847.5	6121.6	6348.1	6527.2
-47.5°	2586.9	3061.2	3453.5	3806.1	4139.8	4453.6	4746.7	4991.3	5198.5	5389.5	5548.5
-50°	1835.7	2240.9	2656.0	3038.4	3348.0	3630.8	3898.7	4099.7	4267.9	4412.7	4540.8
-52.5°	1146.7	1482.9	1823.7	2144.2	2459.4	2746.3	3003.7	3206.3	3364.5	3483.2	3595.6
-55°	853.7	976.0	1086.1	1332.9	1596.7	1825.0	2038.8	2267.3	2453.4	2598.8	2733.4
-57.5°	681.9	723.9	782.0	886.5	982.2	1068.6	1216.6	1397.0	1557.9	1698.6	1822.3
-60°	574.1	599.5	637.5	676.1	710.4	741.6	817.2	884.4	942.0	991.6	1039.3
-62.5°	487.3	517.2	532.9	553.4	581.7	612.4	624.2	641.1	661.8	685.1	706.2
-65°	378.0	401.2	424.7	436.1	437.0	451.7	474.6	487.3	491.1	494.0	501.2
-67.5°	312.9	319.3	331.4	342.9	356.7	366.7	378.0	388.5	398.2	406.4	413.2
-70°	260.3	271.2	281.3	290.4	299.3	307.4	314.8	321.6	327.7	328.9	330.3
-72.5°	213.7	224.6	233.4	242.3	250.1	256.1	260.7	264.5	267.5	247.3	218.7
-75°	173.8	185.0	194.3	202.5	209.7	213.3	215.6	217.9	220.1	195.2	162.4
-77.5°	140.0	148.5	152.9	158.1	164.0	165.2	165.5	166.1	166.7	147.9	124.0
-80°	90.1	98.6	104.2	108.8	112.3	108.9	103.6	97.6	90.8	80.6	69.6
-82.5°	48.1	51.6	55.0	58.6	62.4	61.9	60.1	57.6	54.4	48.5	41.9
-85°	18.7	18.4	17.7	16.8	15.6	16.1	16.6	17.0	17.4	16.2	15.0
-87.5°	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3.0	3.0	3.0	3.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559227 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-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°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0
85°	13.7	12.2	12.3	12.3	12.3	12.2	13.7	15.0	16.2	17.4	17.0
82.5°	34.9	27.6	29.1	30.7	29.1	27.6	34.9	41.9	48.5	54.4	57.6
80°	58.0	46.1	47.5	49.1	47.5	46.1	58.0	69.6	80.6	90.8	97.6
77.5°	98.4	71.4	69.0	67.5	69.0	71.4	98.4	124.0	147.9	166.7	166.1
75°	128.6	93.9	91.9	92.0	91.9	93.9	128.6	162.4	195.2	220.1	217.9
72.5°	189.9	160.5	140.2	119.6	140.2	160.5	189.9	218.7	247.3	267.5	264.5
70°	333.9	338.0	336.3	331.3	336.3	338.0	333.9	330.3	328.9	327.7	321.6
67.5°	418.9	423.3	424.2	423.4	424.2	423.3	418.9	413.2	406.4	398.2	388.5
65°	506.2	509.1	511.4	512.3	511.4	509.1	506.2	501.2	494.0	491.1	487.3
62.5°	722.0	732.5	743.8	751.6	743.8	732.5	722.0	706.2	685.1	661.8	641.1
60°	1080.9	1115.4	1130.7	1132.0	1130.7	1115.4	1080.9	1039.3	991.6	942.0	884.4
57.5°	1921.3	1995.3	2061.3	2110.7	2061.3	1995.3	1921.3	1822.3	1698.6	1557.9	1397.0
55°	2840.7	2919.4	2963.9	2975.8	2963.9	2919.4	2840.7	2733.4	2598.8	2453.4	2267.3
52.5°	3680.8	3733.3	3782.9	3825.6	3782.9	3733.3	3680.8	3595.6	3483.2	3364.5	3206.3
50°	4637.6	4695.9	4745.0	4782.7	4745.0	4695.9	4637.6	4540.8	4412.7	4267.9	4099.7
47.5°	5660.2	5731.6	5784.3	5819.7	5784.3	5731.6	5660.2	5548.5	5389.5	5198.5	4991.3
45°	6680.6	6802.9	6877.3	6890.3	6877.3	6802.9	6680.6	6527.2	6348.1	6121.6	5847.5
42.5°	7706.2	7823.5	7902.6	7961.0	7902.6	7823.5	7706.2	7534.0	7334.8	7087.3	6796.2
40°	8866.2	9013.4	9080.9	9037.8	9080.9	9013.4	8866.2	8659.5	8411.5	8118.4	7786.8
37.5°	10054.4	10205.8	10283.9	10280.3	10283.9	10205.8	10054.4	9832.4	9544.4	9201.5	8812.9
35°	11314.3	11502.0	11603.6	11578.0	11603.6	11502.0	11314.3	11044.3	10697.1	10293.1	9862.8
32.5°	12562.3	12789.2	12935.8	12958.5	12935.8	12789.2	12562.3	12266.2	11895.4	11448.3	10939.6
30°	13814.1	14059.4	14205.1	14219.4	14205.1	14059.4	13814.1	13476.5	13055.2	12568.2	12016.2
27.5°	15115.0	15389.4	15542.0	15578.4	15542.0	15389.4	15115.0	14713.8	14235.7	13681.8	13065.7
25°	16387.8	16692.3	16867.3	16934.4	16867.3	16692.3	16387.8	15945.2	15426.0	14816.6	14112.2
22.5°	17615.0	17949.0	18177.1	18235.2	18177.1	17949.0	17615.0	17155.6	16602.1	15963.5	15211.1
20°	18845.9	19240.0	19531.8	19560.5	19531.8	19240.0	18845.9	18327.2	17702.9	17007.1	16212.2
17.5°	20031.0	20457.5	20769.7	20845.9	20769.7	20457.5	20031.0	19467.3	18763.5	17991.5	17123.7
15°	21092.0	21539.5	21841.1	21907.4	21841.1	21539.5	21092.0	20505.9	19796.3	18955.9	17979.5
12.5°	22007.6	22420.2	22701.6	22809.3	22701.6	22420.2	22007.6	21421.8	20693.2	19789.7	18751.9
10°	22745.3	23063.9	23315.5	23429.0	23315.5	23063.9	22745.3	22161.6	21413.2	20476.8	19362.1
7.5°	23157.0	23419.2	23593.4	23656.0	23593.4	23419.2	23157.0	22692.7	21923.6	20936.2	19837.9
5°	23319.7	23571.0	23665.4	23720.5	23665.4	23571.0	23319.7	22837.3	22209.5	21314.6	20227.4
2.5°	23341.9	23543.1	23737.1	23864.7	23737.1	23543.1	23341.9	22980.5	22436.9	21589.9	20477.1
0°	23472.0	23668.3	23775.7	23837.0	23775.7	23668.3	23472.0	23146.8	22585.4	21757.1	20640.4
-2.5°	23341.9	23543.1	23737.1	23864.7	23737.1	23543.1	23341.9	22980.5	22436.9	21589.9	20477.1
-5°	23319.7	23571.0	23665.4	23720.5	23665.4	23571.0	23319.7	22837.3	22209.5	21314.6	20227.4
-7.5°	23157.0	23419.2	23593.4	23656.0	23593.4	23419.2	23157.0	22692.7	21923.6	20936.2	19837.9
-10°	22745.3	23063.9	23315.5	23429.0	23315.5	23063.9	22745.3	22161.6	21413.2	20476.8	19362.1
-12.5°	22007.6	22420.2	22701.6	22809.3	22701.6	22420.2	22007.6	21421.8	20693.2	19789.7	18751.9
-15°	21092.0	21539.5	21841.1	21907.4	21841.1	21539.5	21092.0	20505.9	19796.3	18955.9	17979.5
-17.5°	20031.0	20457.5	20769.7	20845.9	20769.7	20457.5	20031.0	19467.3	18763.5	17991.5	17123.7
-20°	18845.9	19240.0	19531.8	19560.5	19531.8	19240.0	18845.9	18327.2	17702.9	17007.1	16212.2



REPORT NUMBER: P559227 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-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°	17615.0	17949.0	18177.1	18235.2	18177.1	17949.0	17615.0	17155.6	16602.1	15963.5	15211.1
-25°	16387.8	16692.3	16867.3	16934.4	16867.3	16692.3	16387.8	15945.2	15426.0	14816.6	14112.2
-27.5°	15115.0	15389.4	15542.0	15578.4	15542.0	15389.4	15115.0	14713.8	14235.7	13681.8	13065.7
-30°	13814.1	14059.4	14205.1	14219.4	14205.1	14059.4	13814.1	13476.5	13055.2	12568.2	12016.2
-32.5°	12562.3	12789.2	12935.8	12958.5	12935.8	12789.2	12562.3	12266.2	11895.4	11448.3	10939.6
-35°	11314.3	11502.0	11603.6	11578.0	11603.6	11502.0	11314.3	11044.3	10697.1	10293.1	9862.8
-37.5°	10054.4	10205.8	10283.9	10280.3	10283.9	10205.8	10054.4	9832.4	9544.4	9201.5	8812.9
-40°	8866.2	9013.4	9080.9	9037.8	9080.9	9013.4	8866.2	8659.5	8411.5	8118.4	7786.8
-42.5°	7706.2	7823.5	7902.6	7961.0	7902.6	7823.5	7706.2	7534.0	7334.8	7087.3	6796.2
-45°	6680.6	6802.9	6877.3	6890.3	6877.3	6802.9	6680.6	6527.2	6348.1	6121.6	5847.5
-47.5°	5660.2	5731.6	5784.3	5819.7	5784.3	5731.6	5660.2	5548.5	5389.5	5198.5	4991.3
-50°	4637.6	4695.9	4745.0	4782.7	4745.0	4695.9	4637.6	4540.8	4412.7	4267.9	4099.7
-52.5°	3680.8	3733.3	3782.9	3825.6	3782.9	3733.3	3680.8	3595.6	3483.2	3364.5	3206.3
-55°	2840.7	2919.4	2963.9	2975.8	2963.9	2919.4	2840.7	2733.4	2598.8	2453.4	2267.3
-57.5°	1921.3	1995.3	2061.3	2110.7	2061.3	1995.3	1921.3	1822.3	1698.6	1557.9	1397.0
-60°	1080.9	1115.4	1130.7	1132.0	1130.7	1115.4	1080.9	1039.3	991.6	942.0	884.4
-62.5°	722.0	732.5	743.8	751.6	743.8	732.5	722.0	706.2	685.1	661.8	641.1
-65°	506.2	509.1	511.4	512.3	511.4	509.1	506.2	501.2	494.0	491.1	487.3
-67.5°	418.9	423.3	424.2	423.4	424.2	423.3	418.9	413.2	406.4	398.2	388.5
-70°	333.9	338.0	336.3	331.3	336.3	338.0	333.9	330.3	328.9	327.7	321.6
-72.5°	189.9	160.5	140.2	119.6	140.2	160.5	189.9	218.7	247.3	267.5	264.5
-75°	128.6	93.9	91.9	92.0	91.9	93.9	128.6	162.4	195.2	220.1	217.9
-77.5°	98.4	71.4	69.0	67.5	69.0	71.4	98.4	124.0	147.9	166.7	166.1
-80°	58.0	46.1	47.5	49.1	47.5	46.1	58.0	69.6	80.6	90.8	97.6
-82.5°	34.9	27.6	29.1	30.7	29.1	27.6	34.9	41.9	48.5	54.4	57.6
-85°	13.7	12.2	12.3	12.3	12.3	12.2	13.7	15.0	16.2	17.4	17.0
-87.5°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P559227 (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°	2.9	2.9	2.8	2.7	2.7	2.6	2.5	3.1	3.5	3.9	4.3
85°	16.6	16.1	15.6	16.8	17.7	18.4	18.7	16.4	14.3	12.6	11.2
82.5°	60.1	61.9	62.4	58.6	55.0	51.6	48.1	40.2	33.0	26.6	21.6
80°	103.6	108.9	112.3	108.8	104.2	98.6	90.1	73.8	59.5	47.6	40.1
77.5°	165.5	165.2	164.0	158.1	152.9	148.5	140.0	115.4	91.4	70.3	59.7
75°	215.6	213.3	209.7	202.5	194.3	185.0	173.8	156.9	135.8	110.2	92.3
72.5°	260.7	256.1	250.1	242.3	233.4	224.6	213.7	199.7	183.4	164.6	150.0
70°	314.8	307.4	299.3	290.4	281.3	271.2	260.3	246.6	229.5	211.1	200.7
67.5°	378.0	366.7	356.7	342.9	331.4	319.3	312.9	301.3	285.7	266.8	253.9
65°	474.6	451.7	437.0	436.1	424.7	401.2	378.0	366.7	354.0	332.9	310.5
62.5°	624.2	612.4	581.7	553.4	532.9	517.2	487.3	455.5	430.7	409.0	379.9
60°	817.2	741.6	710.4	676.1	637.5	599.5	574.1	543.2	506.6	477.6	447.8
57.5°	1216.6	1068.6	982.2	886.5	782.0	723.9	681.9	633.5	592.2	551.8	514.3
55°	2038.8	1825.0	1596.7	1332.9	1086.1	976.0	853.7	757.4	698.0	629.9	584.9
52.5°	3003.7	2746.3	2459.4	2144.2	1823.7	1482.9	1146.7	1004.0	840.0	738.9	663.8
50°	3898.7	3630.8	3348.0	3038.4	2656.0	2240.9	1835.7	1431.6	1101.4	912.9	762.5
47.5°	4746.7	4453.6	4139.8	3806.1	3453.5	3061.2	2586.9	2089.4	1621.5	1151.9	946.9
45°	5569.3	5254.0	4902.2	4539.1	4160.9	3758.6	3334.3	2823.8	2261.2	1721.1	1163.3
42.5°	6457.8	6076.9	5682.3	5276.3	4843.5	4415.6	3966.5	3487.6	2947.6	2327.3	1723.4
40°	7400.5	6978.5	6528.3	6046.2	5565.6	5057.4	4573.1	4069.5	3544.1	2958.0	2277.4
37.5°	8367.3	7883.0	7393.3	6862.0	6314.4	5756.1	5190.6	4635.9	4074.6	3502.0	2842.9
35°	9372.2	8836.8	8270.1	7690.1	7073.0	6465.4	5842.2	5212.0	4598.0	3986.6	3356.6
32.5°	10386.6	9799.4	9164.7	8522.2	7854.5	7170.3	6495.1	5810.9	5109.7	4457.7	3798.0
30°	11408.8	10758.4	10067.0	9333.7	8606.2	7874.2	7130.7	6380.5	5629.4	4905.4	4221.4
27.5°	12412.7	11706.0	10953.8	10157.0	9324.9	8539.8	7740.6	6927.6	6118.9	5347.9	4613.6
25°	13402.9	12628.6	11794.4	10941.7	10069.0	9154.0	8305.0	7450.1	6599.2	5761.2	4968.5
22.5°	14389.1	13522.5	12605.1	11664.3	10749.0	9785.6	8838.2	7930.4	7042.8	6154.6	5315.5
20°	15333.6	14379.3	13389.7	12370.8	11357.5	10364.7	9345.3	8380.1	7442.5	6522.7	5638.0
17.5°	16168.0	15156.9	14116.4	13016.1	11934.2	10879.1	9824.2	8791.9	7804.4	6842.8	5930.0
15°	16938.4	15865.3	14759.0	13608.2	12458.2	11328.5	10238.4	9154.6	8128.8	7127.3	6189.3
12.5°	17637.8	16500.4	15340.7	14127.6	12921.0	11726.1	10590.6	9481.4	8412.5	7380.8	6407.8
10°	18209.3	17026.5	15821.5	14577.2	13320.5	12072.3	10882.5	9744.9	8640.9	7582.6	6589.8
7.5°	18673.5	17439.8	16188.5	14933.0	13638.3	12361.3	11125.9	9944.2	8819.2	7730.2	6733.1
5°	19035.7	17765.4	16469.4	15194.7	13867.7	12563.7	11307.7	10078.2	8944.3	7825.0	6836.2
2.5°	19284.1	17986.8	16644.0	15352.4	14016.6	12689.8	11443.0	10182.0	9033.4	7924.6	6926.5
0°	19434.7	18152.4	16774.9	15461.9	14151.9	12759.1	11535.0	10252.7	9071.6	7988.6	6973.2
-2.5°	19284.1	17986.8	16644.0	15352.4	14016.6	12689.8	11443.0	10182.0	9033.4	7924.6	6926.5
-5°	19035.7	17765.4	16469.4	15194.7	13867.7	12563.7	11307.7	10078.2	8944.3	7825.0	6836.2
-7.5°	18673.5	17439.8	16188.5	14933.0	13638.3	12361.3	11125.9	9944.2	8819.2	7730.2	6733.1
-10°	18209.3	17026.5	15821.5	14577.2	13320.5	12072.3	10882.5	9744.9	8640.9	7582.6	6589.8
-12.5°	17637.8	16500.4	15340.7	14127.6	12921.0	11726.1	10590.6	9481.4	8412.5	7380.8	6407.8
-15°	16938.4	15865.3	14759.0	13608.2	12458.2	11328.5	10238.4	9154.6	8128.8	7127.3	6189.3
-17.5°	16168.0	15156.9	14116.4	13016.1	11934.2	10879.1	9824.2	8791.9	7804.4	6842.8	5930.0
-20°	15333.6	14379.3	13389.7	12370.8	11357.5	10364.7	9345.3	8380.1	7442.5	6522.7	5638.0



REPORT NUMBER: P559227 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-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°	14389.1	13522.5	12605.1	11664.3	10749.0	9785.6	8838.2	7930.4	7042.8	6154.6	5315.5
-25°	13402.9	12628.6	11794.4	10941.7	10069.0	9154.0	8305.0	7450.1	6599.2	5761.2	4968.5
-27.5°	12412.7	11706.0	10953.8	10157.0	9324.9	8539.8	7740.6	6927.6	6118.9	5347.9	4613.6
-30°	11408.8	10758.4	10067.0	9333.7	8606.2	7874.2	7130.7	6380.5	5629.4	4905.4	4221.4
-32.5°	10386.6	9799.4	9164.7	8522.2	7854.5	7170.3	6495.1	5810.9	5109.7	4457.7	3798.0
-35°	9372.2	8836.8	8270.1	7690.1	7073.0	6465.4	5842.2	5212.0	4598.0	3986.6	3356.6
-37.5°	8367.3	7883.0	7393.3	6862.0	6314.4	5756.1	5190.6	4635.9	4074.6	3502.0	2842.9
-40°	7400.5	6978.5	6528.3	6046.2	5565.6	5057.4	4573.1	4069.5	3544.1	2958.0	2277.4
-42.5°	6457.8	6076.9	5682.3	5276.3	4843.5	4415.6	3966.5	3487.6	2947.6	2327.3	1723.4
-45°	5569.3	5254.0	4902.2	4539.1	4160.9	3758.6	3334.3	2823.8	2261.2	1721.1	1163.3
-47.5°	4746.7	4453.6	4139.8	3806.1	3453.5	3061.2	2586.9	2089.4	1621.5	1151.9	946.9
-50°	3898.7	3630.8	3348.0	3038.4	2656.0	2240.9	1835.7	1431.6	1101.4	912.9	762.5
-52.5°	3003.7	2746.3	2459.4	2144.2	1823.7	1482.9	1146.7	1004.0	840.0	738.9	663.8
-55°	2038.8	1825.0	1596.7	1332.9	1086.1	976.0	853.7	757.4	698.0	629.9	584.9
-57.5°	1216.6	1068.6	982.2	886.5	782.0	723.9	681.9	633.5	592.2	551.8	514.3
-60°	817.2	741.6	710.4	676.1	637.5	599.5	574.1	543.2	506.6	477.6	447.8
-62.5°	624.2	612.4	581.7	553.4	532.9	517.2	487.3	455.5	430.7	409.0	379.9
-65°	474.6	451.7	437.0	436.1	424.7	401.2	378.0	366.7	354.0	332.9	310.5
-67.5°	378.0	366.7	356.7	342.9	331.4	319.3	312.9	301.3	285.7	266.8	253.9
-70°	314.8	307.4	299.3	290.4	281.3	271.2	260.3	246.6	229.5	211.1	200.7
-72.5°	260.7	256.1	250.1	242.3	233.4	224.6	213.7	199.7	183.4	164.6	150.0
-75°	215.6	213.3	209.7	202.5	194.3	185.0	173.8	156.9	135.8	110.2	92.3
-77.5°	165.5	165.2	164.0	158.1	152.9	148.5	140.0	115.4	91.4	70.3	59.7
-80°	103.6	108.9	112.3	108.8	104.2	98.6	90.1	73.8	59.5	47.6	40.1
-82.5°	60.1	61.9	62.4	58.6	55.0	51.6	48.1	40.2	33.0	26.6	21.6
-85°	16.6	16.1	15.6	16.8	17.7	18.4	18.7	16.4	14.3	12.6	11.2
-87.5°	2.9	2.9	2.8	2.7	2.7	2.6	2.5	3.1	3.5	3.9	4.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P559227 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-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°	4.1	3.9	3.7	3.5	3.7	3.8	3.9	3.9	3.5	3.1	2.8
85°	11.2	10.9	10.3	9.3	8.7	7.7	7.8	7.8	7.0	6.3	5.5
82.5°	21.7	21.9	22.1	21.7	21.6	20.8	19.4	17.3	13.5	9.9	8.3
80°	45.0	47.5	47.6	44.7	39.2	34.0	32.7	30.1	24.8	19.7	14.8
77.5°	68.7	75.3	79.3	77.8	69.3	61.1	53.2	44.9	36.0	29.5	23.1
75°	94.1	102.7	109.3	109.2	100.1	88.1	77.4	66.3	53.2	39.8	31.4
72.5°	142.4	139.1	140.2	140.8	133.1	121.4	105.8	87.5	72.4	56.9	41.3
70°	191.1	178.4	169.9	168.4	164.4	155.8	140.1	116.5	91.5	73.8	56.1
67.5°	242.2	229.5	213.2	198.9	193.6	186.2	174.2	146.5	117.0	90.6	70.8
65°	294.8	279.6	264.2	243.3	227.4	216.7	204.4	175.0	141.5	111.2	85.1
62.5°	352.0	327.4	307.7	285.0	263.4	247.1	234.1	202.2	165.5	130.8	100.7
60°	415.2	383.5	351.3	324.4	298.6	275.6	257.1	229.5	191.4	149.5	116.1
57.5°	479.1	440.5	400.4	364.6	334.4	305.6	279.0	252.3	217.3	172.3	130.0
55°	543.3	500.3	449.5	405.8	369.8	337.7	302.8	273.0	241.7	196.1	140.8
52.5°	605.4	556.5	502.2	448.0	403.9	367.7	329.1	293.6	260.7	219.8	156.8
50°	681.2	610.4	553.2	494.6	437.7	395.3	353.9	315.4	279.6	241.5	171.7
47.5°	768.9	679.3	603.8	540.0	478.5	422.4	378.5	336.0	298.4	258.3	184.7
45°	943.9	757.8	662.9	586.9	517.0	455.1	402.9	355.2	315.4	265.6	195.6
42.5°	1143.8	904.0	732.4	633.1	558.6	487.9	426.8	376.3	331.3	270.4	201.8
40°	1624.9	1086.6	826.1	694.8	600.4	518.5	453.9	397.3	344.6	273.3	204.1
37.5°	2119.2	1425.7	990.8	754.6	644.7	555.8	479.4	417.5	350.4	276.2	204.8
35°	2620.6	1868.8	1152.2	862.8	698.0	591.9	502.7	437.6	363.2	279.1	203.7
32.5°	3096.7	2296.8	1522.4	1006.0	749.1	626.9	530.2	457.7	379.5	281.9	201.0
30°	3505.0	2712.4	1889.0	1142.7	820.4	670.2	560.5	476.7	399.0	284.6	198.0
27.5°	3876.4	3100.6	2233.8	1407.6	938.4	712.0	589.1	494.5	421.3	291.6	198.6
25°	4218.1	3431.8	2566.6	1698.2	1049.1	751.8	615.1	511.4	439.0	306.7	198.7
22.5°	4520.0	3726.5	2871.0	1962.7	1148.8	790.5	643.1	533.0	452.5	322.7	198.3
20°	4790.9	3994.4	3147.6	2207.1	1313.0	873.1	673.3	552.1	464.7	339.1	197.2
17.5°	5034.7	4227.3	3380.2	2438.8	1509.2	946.2	700.8	568.9	475.7	355.7	195.3
15°	5272.5	4425.1	3577.6	2643.8	1682.1	1009.5	725.6	583.2	485.4	371.8	194.3
12.5°	5472.4	4594.3	3744.1	2821.0	1830.6	1063.1	747.3	595.2	493.7	386.1	193.0
10°	5632.8	4733.9	3879.6	2969.3	1954.2	1106.7	765.8	604.1	500.1	397.9	189.2
7.5°	5753.7	4843.2	3984.1	3087.6	2051.9	1142.6	777.7	609.3	505.2	407.3	183.2
5°	5840.9	4925.6	4060.3	3175.1	2122.6	1172.0	785.2	612.0	509.0	414.0	175.4
2.5°	5913.0	4983.4	4108.0	3231.2	2165.6	1192.2	788.8	612.3	511.5	417.4	166.4
0°	5948.5	5009.8	4126.2	3255.0	2181.2	1202.6	788.4	610.5	512.3	417.2	156.5
-2.5°	5913.0	4983.4	4108.0	3231.2	2165.6	1192.2	788.8	612.3	511.5	417.4	166.4
-5°	5840.9	4925.6	4060.3	3175.1	2122.6	1172.0	785.2	612.0	509.0	414.0	175.4
-7.5°	5753.7	4843.2	3984.1	3087.6	2051.9	1142.6	777.7	609.3	505.2	407.3	183.2
-10°	5632.8	4733.9	3879.6	2969.3	1954.2	1106.7	765.8	604.1	500.1	397.9	189.2
-12.5°	5472.4	4594.3	3744.1	2821.0	1830.6	1063.1	747.3	595.2	493.7	386.1	193.0
-15°	5272.5	4425.1	3577.6	2643.8	1682.1	1009.5	725.6	583.2	485.4	371.8	194.3
-17.5°	5034.7	4227.3	3380.2	2438.8	1509.2	946.2	700.8	568.9	475.7	355.7	195.3
-20°	4790.9	3994.4	3147.6	2207.1	1313.0	873.1	673.3	552.1	464.7	339.1	197.2



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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°	4520.0	3726.5	2871.0	1962.7	1148.8	790.5	643.1	533.0	452.5	322.7	198.3
-25°	4218.1	3431.8	2566.6	1698.2	1049.1	751.8	615.1	511.4	439.0	306.7	198.7
-27.5°	3876.4	3100.6	2233.8	1407.6	938.4	712.0	589.1	494.5	421.3	291.6	198.6
-30°	3505.0	2712.4	1889.0	1142.7	820.4	670.2	560.5	476.7	399.0	284.6	198.0
-32.5°	3096.7	2296.8	1522.4	1006.0	749.1	626.9	530.2	457.7	379.5	281.9	201.0
-35°	2620.6	1868.8	1152.2	862.8	698.0	591.9	502.7	437.6	363.2	279.1	203.7
-37.5°	2119.2	1425.7	990.8	754.6	644.7	555.8	479.4	417.5	350.4	276.2	204.8
-40°	1624.9	1086.6	826.1	694.8	600.4	518.5	453.9	397.3	344.6	273.3	204.1
-42.5°	1143.8	904.0	732.4	633.1	558.6	487.9	426.8	376.3	331.3	270.4	201.8
-45°	943.9	757.8	662.9	586.9	517.0	455.1	402.9	355.2	315.4	265.6	195.6
-47.5°	768.9	679.3	603.8	540.0	478.5	422.4	378.5	336.0	298.4	258.3	184.7
-50°	681.2	610.4	553.2	494.6	437.7	395.3	353.9	315.4	279.6	241.5	171.7
-52.5°	605.4	556.5	502.2	448.0	403.9	367.7	329.1	293.6	260.7	219.8	156.8
-55°	543.3	500.3	449.5	405.8	369.8	337.7	302.8	273.0	241.7	196.1	140.8
-57.5°	479.1	440.5	400.4	364.6	334.4	305.6	279.0	252.3	217.3	172.3	130.0
-60°	415.2	383.5	351.3	324.4	298.6	275.6	257.1	229.5	191.4	149.5	116.1
-62.5°	352.0	327.4	307.7	285.0	263.4	247.1	234.1	202.2	165.5	130.8	100.7
-65°	294.8	279.6	264.2	243.3	227.4	216.7	204.4	175.0	141.5	111.2	85.1
-67.5°	242.2	229.5	213.2	198.9	193.6	186.2	174.2	146.5	117.0	90.6	70.8
-70°	191.1	178.4	169.9	168.4	164.4	155.8	140.1	116.5	91.5	73.8	56.1
-72.5°	142.4	139.1	140.2	140.8	133.1	121.4	105.8	87.5	72.4	56.9	41.3
-75°	94.1	102.7	109.3	109.2	100.1	88.1	77.4	66.3	53.2	39.8	31.4
-77.5°	68.7	75.3	79.3	77.8	69.3	61.1	53.2	44.9	36.0	29.5	23.1
-80°	45.0	47.5	47.6	44.7	39.2	34.0	32.7	30.1	24.8	19.7	14.8
-82.5°	21.7	21.9	22.1	21.7	21.6	20.8	19.4	17.3	13.5	9.9	8.3
-85°	11.2	10.9	10.3	9.3	8.7	7.7	7.8	7.8	7.0	6.3	5.5
-87.5°	4.1	3.9	3.7	3.5	3.7	3.8	3.9	3.9	3.5	3.1	2.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
85°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
82.5°	7.1	6.0	4.8	3.6	2.4	1.2	0.0
80°	10.0	7.9	6.4	4.8	3.2	1.6	0.0
77.5°	16.9	10.9	7.9	6.0	4.0	2.0	0.0
75°	23.6	15.8	9.8	7.1	4.8	2.4	0.0
72.5°	30.1	20.5	13.0	8.3	5.5	2.8	0.0
70°	37.0	25.0	16.1	9.6	6.3	3.1	0.0
67.5°	48.3	29.3	19.1	11.4	7.0	3.5	0.0
65°	58.9	35.1	21.9	13.2	7.8	3.9	0.0
62.5°	68.7	42.0	24.5	14.9	8.5	4.2	0.0
60°	77.7	48.4	27.0	16.5	9.2	4.6	0.0
57.5°	86.8	54.2	30.8	17.9	10.1	4.9	0.0
55°	94.8	59.3	34.2	19.3	11.0	5.3	0.0
52.5°	101.8	63.8	37.2	20.5	11.9	5.6	0.0
50°	107.6	68.0	39.8	21.7	12.7	5.9	0.0
47.5°	113.0	71.4	42.0	22.7	13.5	6.2	0.0
45°	122.1	74.0	43.7	23.9	14.3	6.5	0.0
42.5°	129.7	75.7	44.9	24.9	15.0	6.8	0.0
40°	135.8	76.5	45.7	26.0	15.7	7.0	0.0
37.5°	140.3	76.5	46.1	27.3	16.4	7.3	0.0
35°	143.3	78.3	45.9	28.5	17.0	7.5	0.0
32.5°	144.0	80.4	45.3	29.6	17.6	7.8	0.0
30°	141.3	81.4	44.2	30.6	18.2	8.0	0.0
27.5°	137.4	81.4	45.3	31.6	18.7	8.2	0.0
25°	132.4	80.5	46.7	32.5	19.2	8.3	0.0
22.5°	126.4	80.5	47.9	33.3	19.6	8.5	0.0
20°	119.4	84.2	49.2	34.0	20.0	8.6	0.0
17.5°	118.1	87.6	50.3	34.7	20.4	8.8	0.0
15°	120.5	90.4	51.3	35.2	20.7	8.9	0.0
12.5°	122.6	92.8	52.3	35.7	20.9	9.0	0.0
10°	124.5	94.8	53.1	36.1	21.1	9.1	0.0
7.5°	126.1	96.3	53.8	36.4	21.3	9.1	0.0
5°	127.3	97.4	54.4	36.6	21.4	9.2	0.0
2.5°	128.2	98.0	54.9	36.8	21.5	9.2	0.0
0°	128.8	98.2	55.2	36.8	21.5	9.2	0.0
-2.5°	128.2	98.0	54.9	36.8	21.5	9.2	0.0
-5°	127.3	97.4	54.4	36.6	21.4	9.2	0.0
-7.5°	126.1	96.3	53.8	36.4	21.3	9.1	0.0
-10°	124.5	94.8	53.1	36.1	21.1	9.1	0.0
-12.5°	122.6	92.8	52.3	35.7	20.9	9.0	0.0
-15°	120.5	90.4	51.3	35.2	20.7	8.9	0.0
-17.5°	118.1	87.6	50.3	34.7	20.4	8.8	0.0
-20°	119.4	84.2	49.2	34.0	20.0	8.6	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	126.4	80.5	47.9	33.3	19.6	8.5	0.0
-25°	132.4	80.5	46.7	32.5	19.2	8.3	0.0
-27.5°	137.4	81.4	45.3	31.6	18.7	8.2	0.0
-30°	141.3	81.4	44.2	30.6	18.2	8.0	0.0
-32.5°	144.0	80.4	45.3	29.6	17.6	7.8	0.0
-35°	143.3	78.3	45.9	28.5	17.0	7.5	0.0
-37.5°	140.3	76.5	46.1	27.3	16.4	7.3	0.0
-40°	135.8	76.5	45.7	26.0	15.7	7.0	0.0
-42.5°	129.7	75.7	44.9	24.9	15.0	6.8	0.0
-45°	122.1	74.0	43.7	23.9	14.3	6.5	0.0
-47.5°	113.0	71.4	42.0	22.7	13.5	6.2	0.0
-50°	107.6	68.0	39.8	21.7	12.7	5.9	0.0
-52.5°	101.8	63.8	37.2	20.5	11.9	5.6	0.0
-55°	94.8	59.3	34.2	19.3	11.0	5.3	0.0
-57.5°	86.8	54.2	30.8	17.9	10.1	4.9	0.0
-60°	77.7	48.4	27.0	16.5	9.2	4.6	0.0
-62.5°	68.7	42.0	24.5	14.9	8.5	4.2	0.0
-65°	58.9	35.1	21.9	13.2	7.8	3.9	0.0
-67.5°	48.3	29.3	19.1	11.4	7.0	3.5	0.0
-70°	37.0	25.0	16.1	9.6	6.3	3.1	0.0
-72.5°	30.1	20.5	13.0	8.3	5.5	2.8	0.0
-75°	23.6	15.8	9.8	7.1	4.8	2.4	0.0
-77.5°	16.9	10.9	7.9	6.0	4.0	2.0	0.0
-80°	10.0	7.9	6.4	4.8	3.2	1.6	0.0
-82.5°	7.1	6.0	4.8	3.6	2.4	1.2	0.0
-85°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
-87.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)