

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: P559197 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-927-U-MWR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559197 (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-SA6D-927-U-MWR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQUARE, MEDIUM WIDE SYMMETRICAL ROUND N5  
Light Source: (96) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

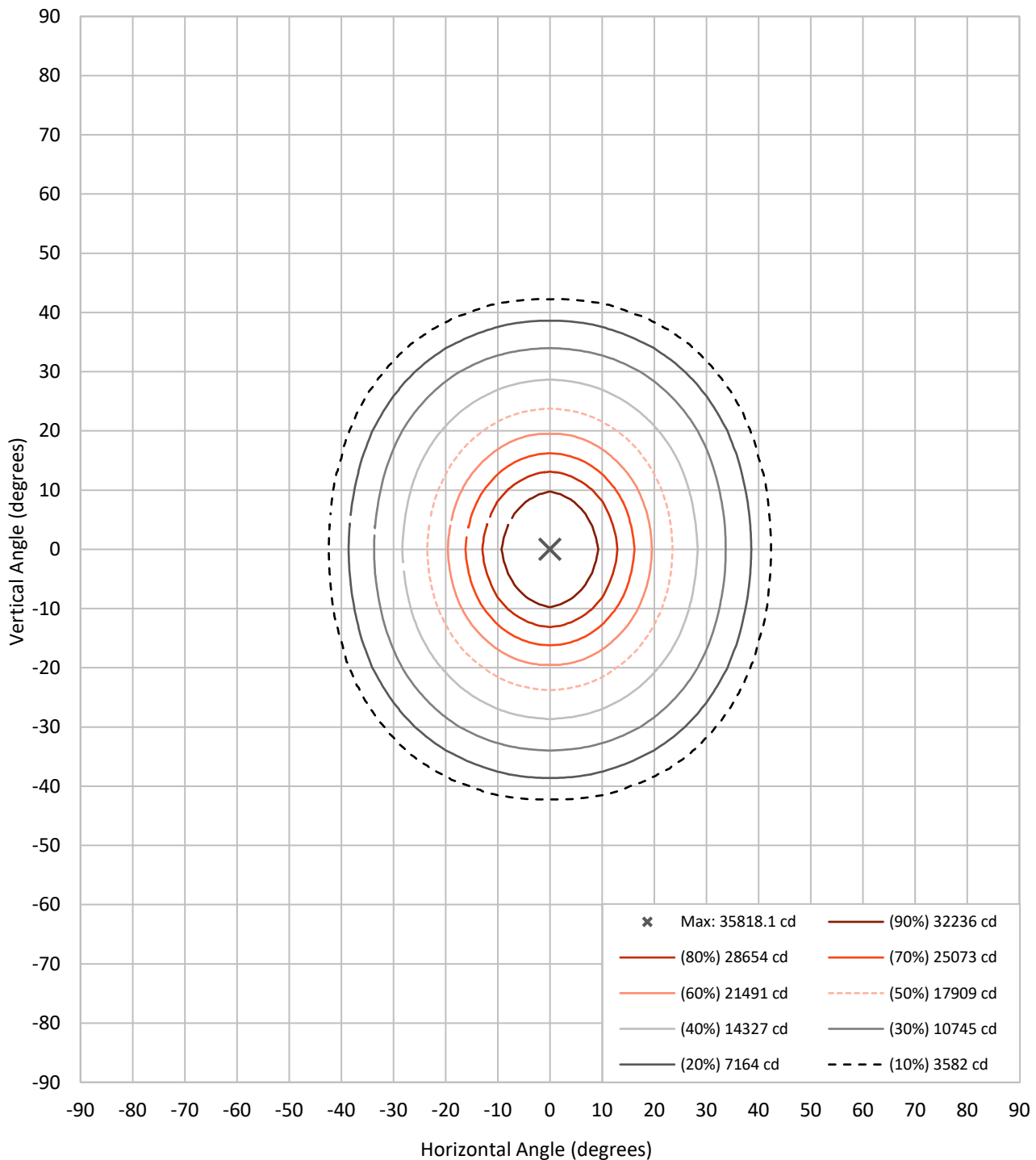
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	27882.4 lumens	Max Intensity:	35818.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	87.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	13156.8 lumens	Field Lumens:	25317.2 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

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





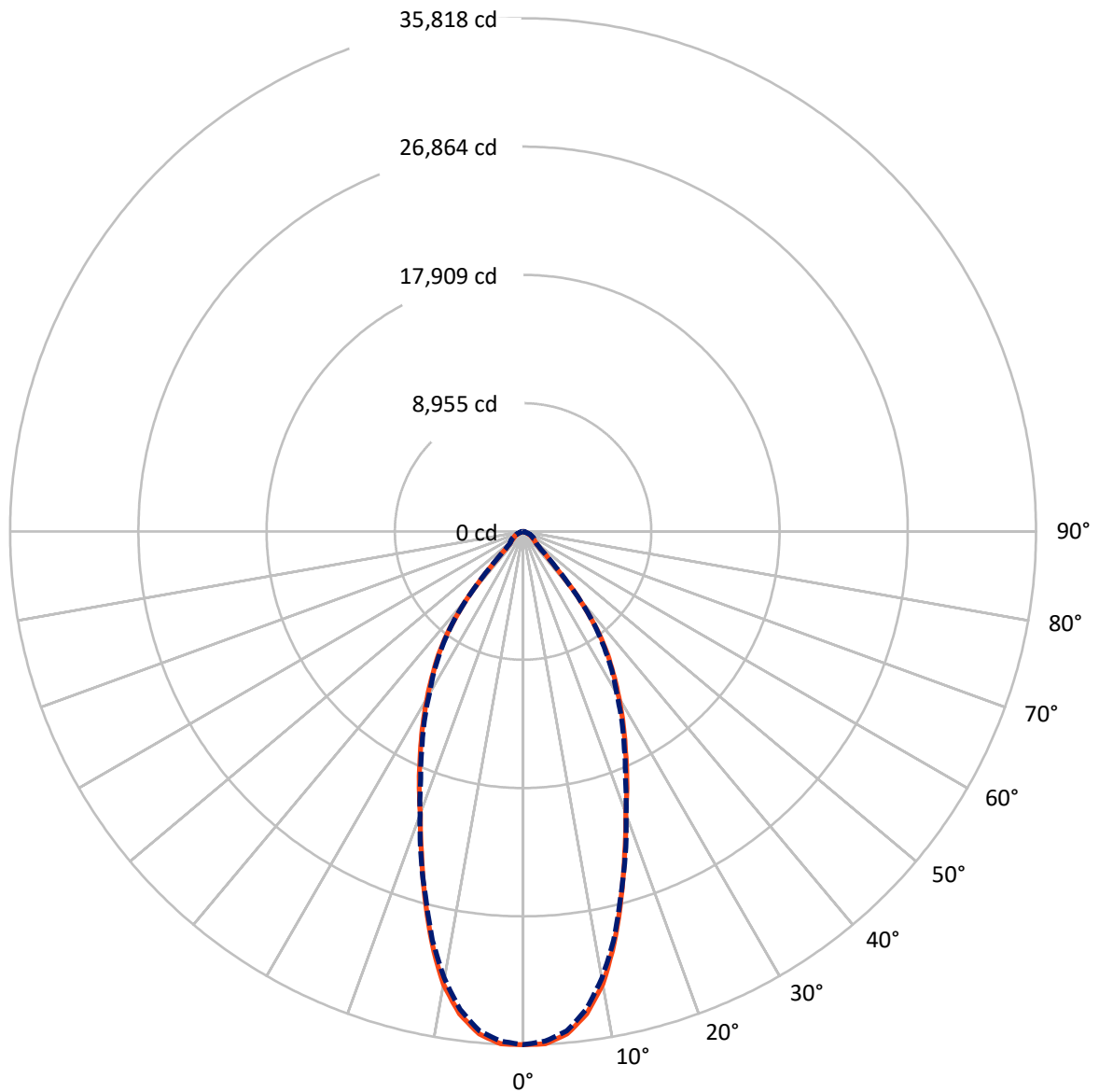
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### Lumen Table

90																			
80	0.5	3.4		7.7		12.6		9.8		12.6		7.7		3.4		0.5			
70																			
60	1.9	2.2	4.1	6.3	8.9	11.1	12.8	13.8	13.8	12.8	11.1	8.9	6.3	4.1	2.2	1.9			
50		3.4	6.7	11.2	16.0	20.0	22.9	25.2	25.2	22.9	20.0	16.0	11.2	6.7	3.4				
40	3.0	4.4	9.3	15.7	22.8	31.3	49.5	69.4	69.4	49.5	31.3	22.8	15.7	9.3	4.4	3.0			
30		5.4	11.7	19.6	36.7	117.5	228.8	291.5	291.5	228.8	117.5	36.7	19.6	11.7	5.4				
20	3.3	6.3	13.6	24.5	107.4	280.7	414.2	501.6	501.6	414.2	280.7	107.4	24.5	13.6	6.3	3.3			
10		7.1	15.2	37.5	195.4	387.4	588.7	766.2	766.2	588.7	387.4	195.4	37.5	15.2	7.1				
0	3.4	7.5	16.4	51.8	238.0	452.1	740.4	1001.5	1001.5	740.4	452.1	238.0	51.8	16.4	7.5	3.4			
-10		7.5	16.4	51.8	238.0	452.1	740.4	1001.5	1001.5	740.4	452.1	238.0	51.8	16.4	7.5				
-20	3.3	7.1	15.2	37.5	195.4	387.4	588.7	766.2	766.2	588.7	387.4	195.4	37.5	15.2	7.1	3.3			
-30		6.3	13.6	24.5	107.4	280.7	414.2	501.6	501.6	414.2	280.7	107.4	24.5	13.6	6.3				
-40	3.0	5.4	11.7	19.6	36.7	117.5	228.8	291.5	291.5	228.8	117.5	36.7	19.6	11.7	5.4	3.0			
-50		4.4	9.3	15.7	22.8	31.3	49.5	69.4	69.4	49.5	31.3	22.8	15.7	9.3	4.4				
-60	1.9	3.4	6.7	11.2	16.0	20.0	22.9	25.2	25.2	22.9	20.0	16.0	11.2	6.7	3.4	1.9			
-70		2.2	4.1	6.3	8.9	11.1	12.8	13.8	13.8	12.8	11.1	8.9	6.3	4.1	2.2				
-80																			
-90	0.5	3.4		7.7		12.6		9.8		12.6		7.7		3.4		0.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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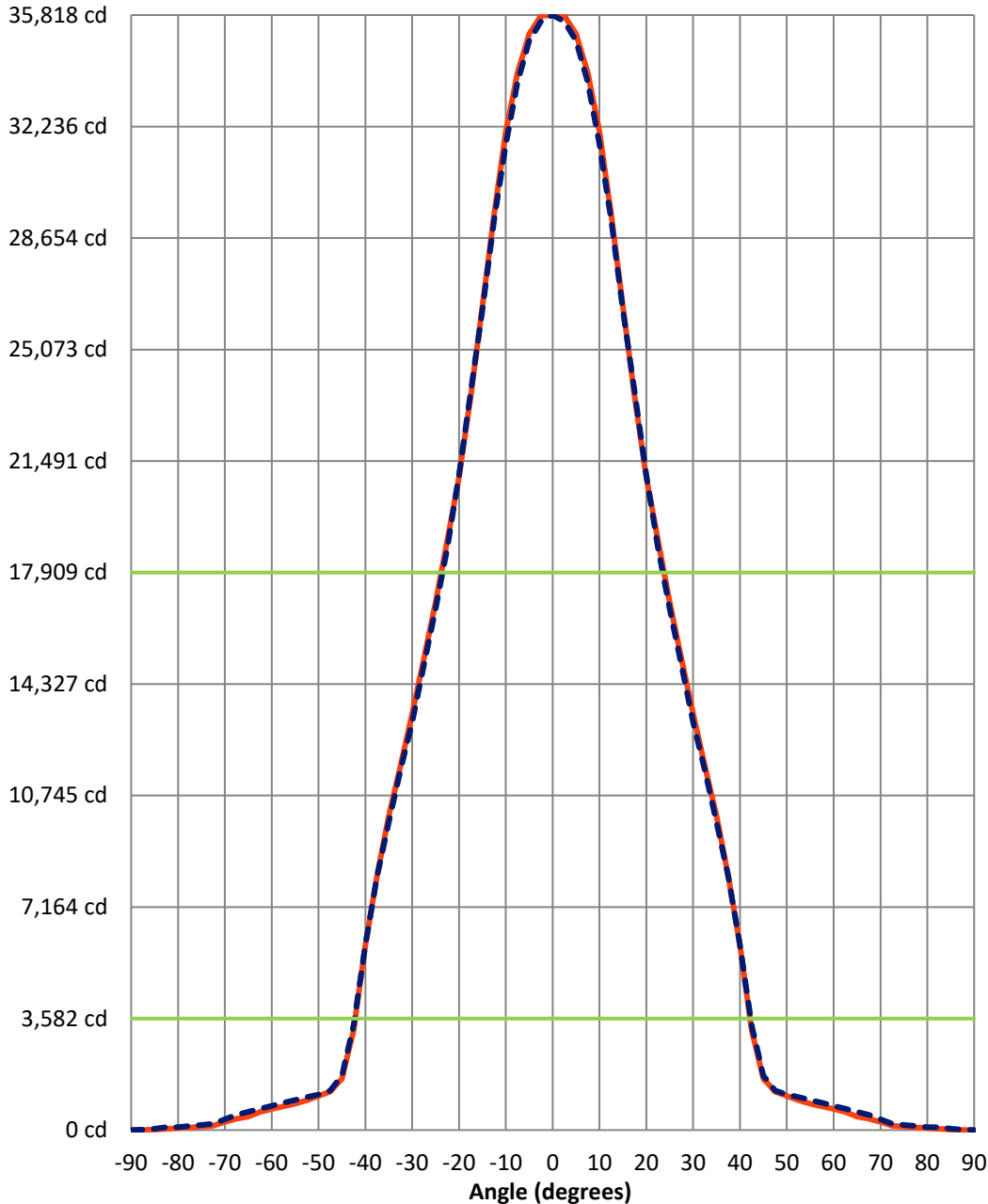
### Luminous Intensity Polar Plot



— 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: 13156.8  
 Efficiency: 47.2%

**Field:**  
 H Angle: 84.6°  
 V Angle: 84.3°  
 Lumens: 25317.2  
 Efficiency: 90.8%

**Spill:**  
 Lumens: 2565.2  
 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	0.6	1.2	1.9	2.8	3.8	4.9	5.4	6.0	6.4	6.8
85°	0.0	1.2	2.3	3.8	5.6	7.5	9.7	10.9	11.9	12.8	13.6
82.5°	0.0	1.7	3.5	5.7	8.3	11.3	14.5	16.3	18.4	22.0	24.8
80°	0.0	2.3	4.6	7.6	11.1	14.9	20.1	26.6	31.8	35.8	38.6
77.5°	0.0	2.9	5.8	9.5	13.8	20.4	31.5	39.4	45.2	49.6	53.6
75°	0.0	3.5	6.9	11.3	17.1	29.1	42.7	52.1	59.1	66.5	72.1
72.5°	0.0	4.0	8.0	13.1	23.4	37.6	53.6	65.8	76.2	84.6	90.9
70°	0.0	4.6	9.2	15.3	29.6	45.9	64.6	81.8	93.5	103.0	117.7
67.5°	0.0	5.1	10.2	19.5	35.6	54.0	77.3	97.8	110.8	126.1	145.6
65°	0.0	5.7	11.3	23.6	41.4	62.6	89.6	113.8	129.0	148.4	171.8
62.5°	0.0	6.2	12.4	27.5	47.0	71.7	101.3	128.3	146.4	169.8	196.1
60°	0.0	6.7	13.4	31.3	52.3	80.4	112.4	141.5	162.8	191.5	220.0
57.5°	0.0	7.2	15.7	34.9	58.5	88.6	119.9	153.2	181.2	212.9	240.8
55°	0.0	7.7	18.1	38.3	64.3	96.3	126.3	161.7	200.0	233.1	260.0
52.5°	0.0	8.2	20.3	41.6	69.8	102.9	131.8	173.4	218.3	250.1	278.8
50°	0.0	8.6	22.4	44.6	74.9	106.2	136.3	184.2	235.3	266.8	299.7
47.5°	0.0	9.1	24.5	47.6	79.6	108.8	140.5	193.7	249.8	283.1	320.1
45°	0.0	9.5	26.4	50.8	83.9	110.8	147.3	201.9	257.1	300.6	339.7
42.5°	0.0	9.9	28.3	53.8	87.8	112.1	153.0	207.6	262.9	317.5	359.8
40°	0.0	10.3	30.0	56.9	89.8	112.7	157.8	211.4	267.9	332.4	379.1
37.5°	0.0	10.6	31.7	60.0	90.1	112.7	161.4	214.1	273.4	339.7	397.7
35°	0.0	11.0	33.3	63.2	90.0	114.1	164.0	215.6	278.0	350.6	415.5
32.5°	0.0	11.3	34.7	66.2	89.4	115.9	165.3	215.9	281.8	363.8	431.8
30°	0.0	11.6	36.0	69.1	88.5	117.0	165.2	215.9	284.6	379.2	447.8
27.5°	0.0	11.9	37.3	71.9	89.5	117.3	164.2	217.3	290.2	396.5	463.5
25°	0.0	12.1	38.4	74.6	90.5	117.0	162.4	217.9	301.9	410.9	478.9
22.5°	0.0	12.4	39.4	77.1	91.4	117.2	159.8	217.7	314.0	422.8	497.8
20°	0.0	12.6	40.2	79.5	92.1	120.3	156.4	216.5	326.4	434.0	514.9
17.5°	0.0	12.8	41.0	81.7	92.7	122.9	156.6	214.5	338.6	444.3	530.2
15°	0.0	12.9	41.6	83.7	93.2	125.3	159.0	213.9	350.4	453.6	543.7
12.5°	0.0	13.1	42.2	85.6	93.5	127.3	160.8	214.8	358.5	462.0	555.3
10°	0.0	13.2	42.6	87.2	93.8	128.9	162.3	214.3	361.8	468.9	565.1
7.5°	0.0	13.3	42.8	88.6	93.9	130.2	163.3	212.5	362.1	475.7	573.4
5°	0.0	13.3	43.0	89.8	94.0	131.1	164.0	209.7	359.7	481.7	579.7
2.5°	0.0	13.4	43.1	90.7	94.1	131.6	164.2	206.1	354.5	486.5	584.0
0°	0.0	13.4	43.0	91.4	94.1	131.8	164.0	201.7	346.9	489.4	586.2
-2.5°	0.0	13.4	43.1	90.7	94.1	131.6	164.2	206.1	354.5	486.5	584.0
-5°	0.0	13.3	43.0	89.8	94.0	131.1	164.0	209.7	359.7	481.7	579.7
-7.5°	0.0	13.3	42.8	88.6	93.9	130.2	163.3	212.5	362.1	475.7	573.4
-10°	0.0	13.2	42.6	87.2	93.8	128.9	162.3	214.3	361.8	468.9	565.1
-12.5°	0.0	13.1	42.2	85.6	93.5	127.3	160.8	214.8	358.5	462.0	555.3
-15°	0.0	12.9	41.6	83.7	93.2	125.3	159.0	213.9	350.4	453.6	543.7
-17.5°	0.0	12.8	41.0	81.7	92.7	122.9	156.6	214.5	338.6	444.3	530.2
-20°	0.0	12.6	40.2	79.5	92.1	120.3	156.4	216.5	326.4	434.0	514.9



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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	12.4	39.4	77.1	91.4	117.2	159.8	217.7	314.0	422.8	497.8
-25°	0.0	12.1	38.4	74.6	90.5	117.0	162.4	217.9	301.9	410.9	478.9
-27.5°	0.0	11.9	37.3	71.9	89.5	117.3	164.2	217.3	290.2	396.5	463.5
-30°	0.0	11.6	36.0	69.1	88.5	117.0	165.2	215.9	284.6	379.2	447.8
-32.5°	0.0	11.3	34.7	66.2	89.4	115.9	165.3	215.9	281.8	363.8	431.8
-35°	0.0	11.0	33.3	63.2	90.0	114.1	164.0	215.6	278.0	350.6	415.5
-37.5°	0.0	10.6	31.7	60.0	90.1	112.7	161.4	214.1	273.4	339.7	397.7
-40°	0.0	10.3	30.0	56.9	89.8	112.7	157.8	211.4	267.9	332.4	379.1
-42.5°	0.0	9.9	28.3	53.8	87.8	112.1	153.0	207.6	262.9	317.5	359.8
-45°	0.0	9.5	26.4	50.8	83.9	110.8	147.3	201.9	257.1	300.6	339.7
-47.5°	0.0	9.1	24.5	47.6	79.6	108.8	140.5	193.7	249.8	283.1	320.1
-50°	0.0	8.6	22.4	44.6	74.9	106.2	136.3	184.2	235.3	266.8	299.7
-52.5°	0.0	8.2	20.3	41.6	69.8	102.9	131.8	173.4	218.3	250.1	278.8
-55°	0.0	7.7	18.1	38.3	64.3	96.3	126.3	161.7	200.0	233.1	260.0
-57.5°	0.0	7.2	15.7	34.9	58.5	88.6	119.9	153.2	181.2	212.9	240.8
-60°	0.0	6.7	13.4	31.3	52.3	80.4	112.4	141.5	162.8	191.5	220.0
-62.5°	0.0	6.2	12.4	27.5	47.0	71.7	101.3	128.3	146.4	169.8	196.1
-65°	0.0	5.7	11.3	23.6	41.4	62.6	89.6	113.8	129.0	148.4	171.8
-67.5°	0.0	5.1	10.2	19.5	35.6	54.0	77.3	97.8	110.8	126.1	145.6
-70°	0.0	4.6	9.2	15.3	29.6	45.9	64.6	81.8	93.5	103.0	117.7
-72.5°	0.0	4.0	8.0	13.1	23.4	37.6	53.6	65.8	76.2	84.6	90.9
-75°	0.0	3.5	6.9	11.3	17.1	29.1	42.7	52.1	59.1	66.5	72.1
-77.5°	0.0	2.9	5.8	9.5	13.8	20.4	31.5	39.4	45.2	49.6	53.6
-80°	0.0	2.3	4.6	7.6	11.1	14.9	20.1	26.6	31.8	35.8	38.6
-82.5°	0.0	1.7	3.5	5.7	8.3	11.3	14.5	16.3	18.4	22.0	24.8
-85°	0.0	1.2	2.3	3.8	5.6	7.5	9.7	10.9	11.9	12.8	13.6
-87.5°	0.0	0.6	1.2	1.9	2.8	3.8	4.9	5.4	6.0	6.4	6.8
-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):**

	-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°	6.8	6.7	6.5	6.2	5.8	5.2	4.6	3.8	4.0	4.1	4.3
85°	13.7	13.5	14.6	15.6	15.9	15.8	15.3	14.4	16.5	18.9	21.5
82.5°	27.2	29.6	31.9	34.0	34.1	33.3	32.1	30.8	35.5	41.4	47.6
80°	42.1	45.7	50.9	56.3	57.8	57.2	55.5	52.5	59.1	68.6	79.4
77.5°	60.2	67.5	74.8	82.2	84.0	82.6	79.0	73.5	81.8	97.3	114.4
75°	79.9	89.1	100.8	110.0	111.9	108.8	103.4	98.6	108.7	127.8	146.2
72.5°	104.3	119.4	131.0	139.1	139.7	136.8	134.1	131.6	142.9	165.6	184.5
70°	135.5	150.7	159.7	164.6	165.8	167.6	175.3	182.5	193.7	213.1	228.6
67.5°	166.5	178.5	186.7	192.6	204.1	215.1	225.6	236.5	249.0	265.5	277.2
65°	194.1	206.4	217.2	231.1	247.9	261.2	275.3	290.6	307.8	323.4	334.7
62.5°	221.3	234.5	249.6	268.0	287.6	305.4	326.2	347.4	367.9	385.6	404.8
60°	243.7	261.4	281.5	303.7	327.2	354.4	379.4	403.9	426.4	448.5	475.6
57.5°	265.0	289.0	313.5	340.1	371.0	404.2	433.5	460.4	488.6	520.5	547.1
55°	287.3	317.5	345.7	377.8	414.7	454.6	486.7	517.0	551.8	590.1	620.0
52.5°	311.5	344.7	377.9	416.5	460.9	500.6	534.2	572.0	614.3	655.8	690.4
50°	334.9	371.6	410.1	459.1	503.2	541.1	582.8	628.5	672.5	715.2	756.1
47.5°	358.4	397.8	448.9	498.9	540.3	584.7	633.3	680.2	726.5	771.0	813.9
45°	381.6	428.2	484.9	532.5	578.5	629.5	679.7	728.8	777.6	825.0	871.7
42.5°	403.9	458.1	515.2	565.0	617.9	671.2	723.7	775.7	827.2	877.9	927.7
40°	428.2	485.3	545.4	599.8	655.0	710.6	765.8	820.8	875.1	928.8	981.7
37.5°	450.7	513.6	576.2	633.1	689.9	748.0	806.0	864.3	921.4	977.4	1037.7
35°	470.8	542.1	605.3	665.0	724.5	783.5	844.9	906.1	966.3	1027.1	1103.9
32.5°	493.4	570.9	632.8	695.7	757.4	818.2	881.9	946.7	1010.8	1081.7	1192.2
30°	518.8	594.9	658.9	725.1	788.2	852.1	917.9	985.6	1053.0	1163.4	1418.5
27.5°	543.6	617.0	684.3	752.0	817.0	883.4	952.3	1022.4	1116.4	1286.0	1699.9
25°	566.5	638.2	708.1	776.6	843.8	912.5	983.9	1056.7	1184.3	1526.9	2441.3
22.5°	585.8	658.6	731.3	799.2	868.0	939.1	1013.2	1109.8	1306.9	1770.2	3266.3
20°	602.3	678.1	752.4	823.0	890.6	962.6	1039.8	1160.4	1493.4	2464.6	4254.8
17.5°	617.6	695.8	771.9	845.6	916.6	987.2	1066.4	1204.1	1661.2	3068.1	5248.9
15°	631.7	711.7	789.9	866.8	940.4	1013.8	1108.4	1328.2	2000.7	3667.3	6134.3
12.5°	644.4	725.6	806.4	886.4	961.6	1037.6	1146.2	1451.5	2416.5	4370.1	6738.6
10°	655.5	737.5	821.2	904.3	980.4	1058.4	1178.0	1552.8	2758.3	4948.2	7224.3
7.5°	665.8	749.0	834.8	920.1	996.7	1076.3	1204.1	1631.7	3022.4	5383.6	7611.8
5°	674.4	760.3	851.0	937.4	1017.0	1095.8	1226.5	1688.5	3207.9	5676.9	7894.0
2.5°	681.1	769.8	865.0	952.7	1039.5	1119.5	1252.0	1730.5	3327.5	5863.8	8074.5
0°	685.7	777.1	876.6	965.4	1059.5	1140.2	1271.9	1750.6	3372.1	5932.0	8142.4
-2.5°	681.1	769.8	865.0	952.7	1039.5	1119.5	1252.0	1730.5	3327.5	5863.8	8074.5
-5°	674.4	760.3	851.0	937.4	1017.0	1095.8	1226.5	1688.5	3207.9	5676.9	7894.0
-7.5°	665.8	749.0	834.8	920.1	996.7	1076.3	1204.1	1631.7	3022.4	5383.6	7611.8
-10°	655.5	737.5	821.2	904.3	980.4	1058.4	1178.0	1552.8	2758.3	4948.2	7224.3
-12.5°	644.4	725.6	806.4	886.4	961.6	1037.6	1146.2	1451.5	2416.5	4370.1	6738.6
-15°	631.7	711.7	789.9	866.8	940.4	1013.8	1108.4	1328.2	2000.7	3667.3	6134.3
-17.5°	617.6	695.8	771.9	845.6	916.6	987.2	1066.4	1204.1	1661.2	3068.1	5248.9
-20°	602.3	678.1	752.4	823.0	890.6	962.6	1039.8	1160.4	1493.4	2464.6	4254.8



REPORT NUMBER: P559197 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-927-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°	585.8	658.6	731.3	799.2	868.0	939.1	1013.2	1109.8	1306.9	1770.2	3266.3
-25°	566.5	638.2	708.1	776.6	843.8	912.5	983.9	1056.7	1184.3	1526.9	2441.3
-27.5°	543.6	617.0	684.3	752.0	817.0	883.4	952.3	1022.4	1116.4	1286.0	1699.9
-30°	518.8	594.9	658.9	725.1	788.2	852.1	917.9	985.6	1053.0	1163.4	1418.5
-32.5°	493.4	570.9	632.8	695.7	757.4	818.2	881.9	946.7	1010.8	1081.7	1192.2
-35°	470.8	542.1	605.3	665.0	724.5	783.5	844.9	906.1	966.3	1027.1	1103.9
-37.5°	450.7	513.6	576.2	633.1	689.9	748.0	806.0	864.3	921.4	977.4	1037.7
-40°	428.2	485.3	545.4	599.8	655.0	710.6	765.8	820.8	875.1	928.8	981.7
-42.5°	403.9	458.1	515.2	565.0	617.9	671.2	723.7	775.7	827.2	877.9	927.7
-45°	381.6	428.2	484.9	532.5	578.5	629.5	679.7	728.8	777.6	825.0	871.7
-47.5°	358.4	397.8	448.9	498.9	540.3	584.7	633.3	680.2	726.5	771.0	813.9
-50°	334.9	371.6	410.1	459.1	503.2	541.1	582.8	628.5	672.5	715.2	756.1
-52.5°	311.5	344.7	377.9	416.5	460.9	500.6	534.2	572.0	614.3	655.8	690.4
-55°	287.3	317.5	345.7	377.8	414.7	454.6	486.7	517.0	551.8	590.1	620.0
-57.5°	265.0	289.0	313.5	340.1	371.0	404.2	433.5	460.4	488.6	520.5	547.1
-60°	243.7	261.4	281.5	303.7	327.2	354.4	379.4	403.9	426.4	448.5	475.6
-62.5°	221.3	234.5	249.6	268.0	287.6	305.4	326.2	347.4	367.9	385.6	404.8
-65°	194.1	206.4	217.2	231.1	247.9	261.2	275.3	290.6	307.8	323.4	334.7
-67.5°	166.5	178.5	186.7	192.6	204.1	215.1	225.6	236.5	249.0	265.5	277.2
-70°	135.5	150.7	159.7	164.6	165.8	167.6	175.3	182.5	193.7	213.1	228.6
-72.5°	104.3	119.4	131.0	139.1	139.7	136.8	134.1	131.6	142.9	165.6	184.5
-75°	79.9	89.1	100.8	110.0	111.9	108.8	103.4	98.6	108.7	127.8	146.2
-77.5°	60.2	67.5	74.8	82.2	84.0	82.6	79.0	73.5	81.8	97.3	114.4
-80°	42.1	45.7	50.9	56.3	57.8	57.2	55.5	52.5	59.1	68.6	79.4
-82.5°	27.2	29.6	31.9	34.0	34.1	33.3	32.1	30.8	35.5	41.4	47.6
-85°	13.7	13.5	14.6	15.6	15.9	15.8	15.3	14.4	16.5	18.9	21.5
-87.5°	6.8	6.7	6.5	6.2	5.8	5.2	4.6	3.8	4.0	4.1	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: P559197 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-927-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°	4.4	4.6	4.7	4.8	4.9	5.0	5.1	5.1	5.2	4.6	4.0
85°	24.2	23.5	22.2	20.6	18.6	19.6	20.7	21.8	22.9	21.4	19.7
82.5°	54.2	55.0	54.9	54.8	54.5	56.9	59.1	61.1	62.8	58.0	52.4
80°	91.4	95.8	98.3	100.6	102.6	102.7	101.3	98.9	95.5	87.4	78.4
77.5°	132.1	138.9	142.3	145.8	149.3	150.5	151.4	152.3	153.2	139.0	120.9
75°	163.8	174.0	179.9	185.4	190.4	193.4	195.0	196.0	196.5	179.3	157.3
72.5°	199.8	209.8	216.8	223.7	230.0	234.1	236.5	238.4	239.6	224.7	203.6
70°	239.5	247.4	255.9	264.3	272.0	277.3	280.9	283.7	285.8	284.3	283.2
67.5°	286.5	293.4	303.7	311.7	319.9	325.7	331.7	336.5	340.0	344.0	348.4
65°	345.4	361.9	377.0	384.7	385.8	394.1	407.8	416.5	420.9	424.5	428.9
62.5°	427.2	447.3	458.1	471.0	487.6	503.0	508.9	516.9	526.4	537.9	551.0
60°	497.4	514.1	531.3	549.1	564.3	577.1	590.9	604.7	617.2	628.7	639.9
57.5°	569.2	587.4	605.0	625.8	640.3	648.9	662.3	678.8	691.6	701.5	716.5
55°	643.6	667.2	691.0	709.7	723.5	732.5	742.7	758.6	768.0	771.6	789.0
52.5°	718.4	746.3	775.6	797.6	812.2	825.8	838.3	852.3	861.8	866.4	883.5
50°	787.6	820.8	853.6	882.3	901.7	924.2	949.7	962.3	970.4	979.4	998.5
47.5°	853.5	890.7	925.8	958.2	986.2	1011.4	1033.4	1054.6	1085.7	1110.5	1134.9
45°	916.9	956.6	994.6	1030.9	1062.1	1111.7	1158.8	1199.0	1306.3	1396.4	1465.2
42.5°	976.6	1024.5	1067.2	1127.8	1193.8	1308.2	1484.7	1648.3	1964.9	2372.4	2712.7
40°	1038.8	1100.9	1177.5	1295.5	1518.8	1748.2	2434.5	3046.0	3647.4	4331.5	4917.6
37.5°	1111.4	1204.9	1429.6	1696.2	2412.1	3203.9	4176.5	5131.1	5962.3	6673.6	7267.5
35°	1207.5	1496.3	1916.2	2887.8	3945.5	5243.8	6364.7	7262.4	8083.6	8742.7	9238.8
32.5°	1490.9	2019.3	3128.4	4464.7	5919.5	7173.8	8265.5	9125.2	9874.3	10465.0	10924.8
30°	1905.7	3120.3	4626.6	6227.0	7676.0	8873.6	9882.3	10701.8	11370.5	11971.5	12476.0
27.5°	2891.5	4454.4	6224.8	7857.2	9175.2	10296.5	11201.4	12013.1	12750.3	13383.1	13979.7
25°	3970.2	5905.0	7690.7	9176.4	10406.5	11458.4	12412.8	13300.7	14126.0	14866.7	15560.7
22.5°	5265.8	7195.3	8902.0	10277.0	11468.9	12549.6	13563.3	14551.4	15512.1	16416.1	17255.7
20°	6438.7	8332.5	9820.6	11193.9	12432.2	13558.3	14675.6	15827.2	16935.9	18024.7	19035.7
17.5°	7352.8	9114.5	10608.5	12000.5	13261.0	14536.3	15814.9	17137.6	18474.9	19739.4	20948.7
15°	8116.0	9766.8	11280.9	12672.8	14058.7	15465.7	16894.2	18452.4	20043.2	21556.6	23098.1
12.5°	8657.1	10311.2	11846.2	13242.8	14796.7	16324.0	17986.8	19762.7	21599.9	23362.7	25256.3
10°	9092.1	10745.5	12267.7	13773.5	15417.9	17111.5	18976.4	20932.5	23124.8	25212.2	27252.3
7.5°	9465.3	11107.9	12606.3	14206.2	15934.8	17796.3	19824.6	22036.1	24408.5	26731.3	29159.7
5°	9738.4	11354.8	12869.4	14561.0	16332.2	18296.6	20478.8	22841.9	25386.2	27931.3	30332.8
2.5°	9882.9	11495.7	13032.9	14781.1	16565.3	18599.7	20872.4	23377.2	26064.6	28841.6	31209.5
0°	9879.6	11554.8	13095.6	14929.6	16736.6	18691.5	21041.8	23720.1	26341.9	29227.2	31658.1
-2.5°	9882.9	11495.7	13032.9	14781.1	16565.3	18599.7	20872.4	23377.2	26064.6	28841.6	31209.5
-5°	9738.4	11354.8	12869.4	14561.0	16332.2	18296.6	20478.8	22841.9	25386.2	27931.3	30332.8
-7.5°	9465.3	11107.9	12606.3	14206.2	15934.8	17796.3	19824.6	22036.1	24408.5	26731.3	29159.7
-10°	9092.1	10745.5	12267.7	13773.5	15417.9	17111.5	18976.4	20932.5	23124.8	25212.2	27252.3
-12.5°	8657.1	10311.2	11846.2	13242.8	14796.7	16324.0	17986.8	19762.7	21599.9	23362.7	25256.3
-15°	8116.0	9766.8	11280.9	12672.8	14058.7	15465.7	16894.2	18452.4	20043.2	21556.6	23098.1
-17.5°	7352.8	9114.5	10608.5	12000.5	13261.0	14536.3	15814.9	17137.6	18474.9	19739.4	20948.7
-20°	6438.7	8332.5	9820.6	11193.9	12432.2	13558.3	14675.6	15827.2	16935.9	18024.7	19035.7



REPORT NUMBER: P559197 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5265.8	7195.3	8902.0	10277.0	11468.9	12549.6	13563.3	14551.4	15512.1	16416.1	17255.7
-25°	3970.2	5905.0	7690.7	9176.4	10406.5	11458.4	12412.8	13300.7	14126.0	14866.7	15560.7
-27.5°	2891.5	4454.4	6224.8	7857.2	9175.2	10296.5	11201.4	12013.1	12750.3	13383.1	13979.7
-30°	1905.7	3120.3	4626.6	6227.0	7676.0	8873.6	9882.3	10701.8	11370.5	11971.5	12476.0
-32.5°	1490.9	2019.3	3128.4	4464.7	5919.5	7173.8	8265.5	9125.2	9874.3	10465.0	10924.8
-35°	1207.5	1496.3	1916.2	2887.8	3945.5	5243.8	6364.7	7262.4	8083.6	8742.7	9238.8
-37.5°	1111.4	1204.9	1429.6	1696.2	2412.1	3203.9	4176.5	5131.1	5962.3	6673.6	7267.5
-40°	1038.8	1100.9	1177.5	1295.5	1518.8	1748.2	2434.5	3046.0	3647.4	4331.5	4917.6
-42.5°	976.6	1024.5	1067.2	1127.8	1193.8	1308.2	1484.7	1648.3	1964.9	2372.4	2712.7
-45°	916.9	956.6	994.6	1030.9	1062.1	1111.7	1158.8	1199.0	1306.3	1396.4	1465.2
-47.5°	853.5	890.7	925.8	958.2	986.2	1011.4	1033.4	1054.6	1085.7	1110.5	1134.9
-50°	787.6	820.8	853.6	882.3	901.7	924.2	949.7	962.3	970.4	979.4	998.5
-52.5°	718.4	746.3	775.6	797.6	812.2	825.8	838.3	852.3	861.8	866.4	883.5
-55°	643.6	667.2	691.0	709.7	723.5	732.5	742.7	758.6	768.0	771.6	789.0
-57.5°	569.2	587.4	605.0	625.8	640.3	648.9	662.3	678.8	691.6	701.5	716.5
-60°	497.4	514.1	531.3	549.1	564.3	577.1	590.9	604.7	617.2	628.7	639.9
-62.5°	427.2	447.3	458.1	471.0	487.6	503.0	508.9	516.9	526.4	537.9	551.0
-65°	345.4	361.9	377.0	384.7	385.8	394.1	407.8	416.5	420.9	424.5	428.9
-67.5°	286.5	293.4	303.7	311.7	319.9	325.7	331.7	336.5	340.0	344.0	348.4
-70°	239.5	247.4	255.9	264.3	272.0	277.3	280.9	283.7	285.8	284.3	283.2
-72.5°	199.8	209.8	216.8	223.7	230.0	234.1	236.5	238.4	239.6	224.7	203.6
-75°	163.8	174.0	179.9	185.4	190.4	193.4	195.0	196.0	196.5	179.3	157.3
-77.5°	132.1	138.9	142.3	145.8	149.3	150.5	151.4	152.3	153.2	139.0	120.9
-80°	91.4	95.8	98.3	100.6	102.6	102.7	101.3	98.9	95.5	87.4	78.4
-82.5°	54.2	55.0	54.9	54.8	54.5	56.9	59.1	61.1	62.8	58.0	52.4
-85°	24.2	23.5	22.2	20.6	18.6	19.6	20.7	21.8	22.9	21.4	19.7
-87.5°	4.4	4.6	4.7	4.8	4.9	5.0	5.1	5.1	5.2	4.6	4.0
-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: P559197 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-927-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°	3.3	2.7	2.7	2.7	2.7	2.7	3.3	4.0	4.6	5.2	5.1
85°	17.9	16.0	16.1	16.1	16.1	16.0	17.9	19.7	21.4	22.9	21.8
82.5°	46.4	40.1	40.2	40.3	40.2	40.1	46.4	52.4	58.0	62.8	61.1
80°	69.0	59.2	60.4	61.8	60.4	59.2	69.0	78.4	87.4	95.5	98.9
77.5°	101.6	81.3	80.6	80.7	80.6	81.3	101.6	120.9	139.0	153.2	152.3
75°	134.6	111.3	110.1	110.3	110.1	111.3	134.6	157.3	179.3	196.5	196.0
72.5°	181.9	159.6	149.4	139.8	149.4	159.6	181.9	203.6	224.7	239.6	238.4
70°	283.4	284.0	274.1	260.8	274.1	284.0	283.4	283.2	284.3	285.8	283.7
67.5°	352.2	355.1	359.3	363.0	359.3	355.1	352.2	348.4	344.0	340.0	336.5
65°	430.8	430.6	432.2	432.9	432.2	430.6	430.8	428.9	424.5	420.9	416.5
62.5°	562.2	571.2	577.6	580.8	577.6	571.2	562.2	551.0	537.9	526.4	516.9
60°	649.2	656.7	667.2	677.6	667.2	656.7	649.2	639.9	628.7	617.2	604.7
57.5°	730.5	743.1	753.4	761.0	753.4	743.1	730.5	716.5	701.5	691.6	678.8
55°	805.6	820.2	834.3	847.0	834.3	820.2	805.6	789.0	771.6	768.0	758.6
52.5°	899.9	912.0	932.0	957.3	932.0	912.0	899.9	883.5	866.4	861.8	852.3
50°	1020.4	1038.6	1063.9	1094.4	1063.9	1038.6	1020.4	998.5	979.4	970.4	962.3
47.5°	1159.7	1178.0	1202.3	1234.3	1202.3	1178.0	1159.7	1134.9	1110.5	1085.7	1054.6
45°	1528.1	1571.2	1610.5	1653.8	1610.5	1571.2	1528.1	1465.2	1396.4	1306.3	1199.0
42.5°	2985.5	3174.1	3255.6	3208.0	3255.6	3174.1	2985.5	2712.7	2372.4	1964.9	1648.3
40°	5364.5	5678.0	5862.5	5926.7	5862.5	5678.0	5364.5	4917.6	4331.5	3647.4	3046.0
37.5°	7701.2	7989.8	8145.5	8163.9	8145.5	7989.8	7701.2	7267.5	6673.6	5962.3	5131.1
35°	9596.9	9834.6	9975.5	10081.2	9975.5	9834.6	9596.9	9238.8	8742.7	8083.6	7262.4
32.5°	11299.3	11570.2	11726.7	11692.0	11726.7	11570.2	11299.3	10924.8	10465.0	9874.3	9125.2
30°	12889.6	13185.9	13369.9	13375.3	13369.9	13185.9	12889.6	12476.0	11971.5	11370.5	10701.8
27.5°	14462.0	14794.6	14986.4	15136.6	14986.4	14794.6	14462.0	13979.7	13383.1	12750.3	12013.1
25°	16139.3	16553.9	16800.1	16949.0	16800.1	16553.9	16139.3	15560.7	14866.7	14126.0	13300.7
22.5°	17947.8	18461.3	18798.8	18938.9	18798.8	18461.3	17947.8	17255.7	16416.1	15512.1	14551.4
20°	19915.0	20551.4	20982.2	20969.2	20982.2	20551.4	19915.0	19035.7	18024.7	16935.9	15827.2
17.5°	22110.0	22930.9	23486.4	23566.8	23486.4	22930.9	22110.0	20948.7	19739.4	18474.9	17137.6
15°	24463.3	25521.6	26240.1	26462.9	26240.1	25521.6	24463.3	23098.1	21556.6	20043.2	18452.4
12.5°	26874.8	28133.7	29091.6	29410.1	29091.6	28133.7	26874.8	25256.3	23362.7	21599.9	19762.7
10°	29172.6	30566.9	31606.6	32066.9	31606.6	30566.9	29172.6	27252.3	25212.2	23124.8	20932.5
7.5°	31093.3	32510.1	33581.1	33959.9	33581.1	32510.1	31093.3	29159.7	26731.3	24408.5	22036.1
5°	32358.9	33906.7	34739.4	35207.7	34739.4	33906.7	32358.9	30332.8	27931.3	25386.2	22841.9
2.5°	33204.2	34516.8	35360.2	35791.2	35360.2	34516.8	33204.2	31209.5	28841.6	26064.6	23377.2
0°	33653.4	34989.8	35608.3	35818.1	35608.3	34989.8	33653.4	31658.1	29227.2	26341.9	23720.1
-2.5°	33204.2	34516.8	35360.2	35791.2	35360.2	34516.8	33204.2	31209.5	28841.6	26064.6	23377.2
-5°	32358.9	33906.7	34739.4	35207.7	34739.4	33906.7	32358.9	30332.8	27931.3	25386.2	22841.9
-7.5°	31093.3	32510.1	33581.1	33959.9	33581.1	32510.1	31093.3	29159.7	26731.3	24408.5	22036.1
-10°	29172.6	30566.9	31606.6	32066.9	31606.6	30566.9	29172.6	27252.3	25212.2	23124.8	20932.5
-12.5°	26874.8	28133.7	29091.6	29410.1	29091.6	28133.7	26874.8	25256.3	23362.7	21599.9	19762.7
-15°	24463.3	25521.6	26240.1	26462.9	26240.1	25521.6	24463.3	23098.1	21556.6	20043.2	18452.4
-17.5°	22110.0	22930.9	23486.4	23566.8	23486.4	22930.9	22110.0	20948.7	19739.4	18474.9	17137.6
-20°	19915.0	20551.4	20982.2	20969.2	20982.2	20551.4	19915.0	19035.7	18024.7	16935.9	15827.2



REPORT NUMBER: P559197 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-927-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°	17947.8	18461.3	18798.8	18938.9	18798.8	18461.3	17947.8	17255.7	16416.1	15512.1	14551.4
-25°	16139.3	16553.9	16800.1	16949.0	16800.1	16553.9	16139.3	15560.7	14866.7	14126.0	13300.7
-27.5°	14462.0	14794.6	14986.4	15136.6	14986.4	14794.6	14462.0	13979.7	13383.1	12750.3	12013.1
-30°	12889.6	13185.9	13369.9	13375.3	13369.9	13185.9	12889.6	12476.0	11971.5	11370.5	10701.8
-32.5°	11299.3	11570.2	11726.7	11692.0	11726.7	11570.2	11299.3	10924.8	10465.0	9874.3	9125.2
-35°	9596.9	9834.6	9975.5	10081.2	9975.5	9834.6	9596.9	9238.8	8742.7	8083.6	7262.4
-37.5°	7701.2	7989.8	8145.5	8163.9	8145.5	7989.8	7701.2	7267.5	6673.6	5962.3	5131.1
-40°	5364.5	5678.0	5862.5	5926.7	5862.5	5678.0	5364.5	4917.6	4331.5	3647.4	3046.0
-42.5°	2985.5	3174.1	3255.6	3208.0	3255.6	3174.1	2985.5	2712.7	2372.4	1964.9	1648.3
-45°	1528.1	1571.2	1610.5	1653.8	1610.5	1571.2	1528.1	1465.2	1396.4	1306.3	1199.0
-47.5°	1159.7	1178.0	1202.3	1234.3	1202.3	1178.0	1159.7	1134.9	1110.5	1085.7	1054.6
-50°	1020.4	1038.6	1063.9	1094.4	1063.9	1038.6	1020.4	998.5	979.4	970.4	962.3
-52.5°	899.9	912.0	932.0	957.3	932.0	912.0	899.9	883.5	866.4	861.8	852.3
-55°	805.6	820.2	834.3	847.0	834.3	820.2	805.6	789.0	771.6	768.0	758.6
-57.5°	730.5	743.1	753.4	761.0	753.4	743.1	730.5	716.5	701.5	691.6	678.8
-60°	649.2	656.7	667.2	677.6	667.2	656.7	649.2	639.9	628.7	617.2	604.7
-62.5°	562.2	571.2	577.6	580.8	577.6	571.2	562.2	551.0	537.9	526.4	516.9
-65°	430.8	430.6	432.2	432.9	432.2	430.6	430.8	428.9	424.5	420.9	416.5
-67.5°	352.2	355.1	359.3	363.0	359.3	355.1	352.2	348.4	344.0	340.0	336.5
-70°	283.4	284.0	274.1	260.8	274.1	284.0	283.4	283.2	284.3	285.8	283.7
-72.5°	181.9	159.6	149.4	139.8	149.4	159.6	181.9	203.6	224.7	239.6	238.4
-75°	134.6	111.3	110.1	110.3	110.1	111.3	134.6	157.3	179.3	196.5	196.0
-77.5°	101.6	81.3	80.6	80.7	80.6	81.3	101.6	120.9	139.0	153.2	152.3
-80°	69.0	59.2	60.4	61.8	60.4	59.2	69.0	78.4	87.4	95.5	98.9
-82.5°	46.4	40.1	40.2	40.3	40.2	40.1	46.4	52.4	58.0	62.8	61.1
-85°	17.9	16.0	16.1	16.1	16.1	16.0	17.9	19.7	21.4	22.9	21.8
-87.5°	3.3	2.7	2.7	2.7	2.7	2.7	3.3	4.0	4.6	5.2	5.1
-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: P559197 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-927-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°	5.1	5.0	4.9	4.8	4.7	4.6	4.4	4.3	4.1	4.0	3.8
85°	20.7	19.6	18.6	20.6	22.2	23.5	24.2	21.5	18.9	16.5	14.4
82.5°	59.1	56.9	54.5	54.8	54.9	55.0	54.2	47.6	41.4	35.5	30.8
80°	101.3	102.7	102.6	100.6	98.3	95.8	91.4	79.4	68.6	59.1	52.5
77.5°	151.4	150.5	149.3	145.8	142.3	138.9	132.1	114.4	97.3	81.8	73.5
75°	195.0	193.4	190.4	185.4	179.9	174.0	163.8	146.2	127.8	108.7	98.6
72.5°	236.5	234.1	230.0	223.7	216.8	209.8	199.8	184.5	165.6	142.9	131.6
70°	280.9	277.3	272.0	264.3	255.9	247.4	239.5	228.6	213.1	193.7	182.5
67.5°	331.7	325.7	319.9	311.7	303.7	293.4	286.5	277.2	265.5	249.0	236.5
65°	407.8	394.1	385.8	384.7	377.0	361.9	345.4	334.7	323.4	307.8	290.6
62.5°	508.9	503.0	487.6	471.0	458.1	447.3	427.2	404.8	385.6	367.9	347.4
60°	590.9	577.1	564.3	549.1	531.3	514.1	497.4	475.6	448.5	426.4	403.9
57.5°	662.3	648.9	640.3	625.8	605.0	587.4	569.2	547.1	520.5	488.6	460.4
55°	742.7	732.5	723.5	709.7	691.0	667.2	643.6	620.0	590.1	551.8	517.0
52.5°	838.3	825.8	812.2	797.6	775.6	746.3	718.4	690.4	655.8	614.3	572.0
50°	949.7	924.2	901.7	882.3	853.6	820.8	787.6	756.1	715.2	672.5	628.5
47.5°	1033.4	1011.4	986.2	958.2	925.8	890.7	853.5	813.9	771.0	726.5	680.2
45°	1158.8	1111.7	1062.1	1030.9	994.6	956.6	916.9	871.7	825.0	777.6	728.8
42.5°	1484.7	1308.2	1193.8	1127.8	1067.2	1024.5	976.6	927.7	877.9	827.2	775.7
40°	2434.5	1748.2	1518.8	1295.5	1177.5	1100.9	1038.8	981.7	928.8	875.1	820.8
37.5°	4176.5	3203.9	2412.1	1696.2	1429.6	1204.9	1111.4	1037.7	977.4	921.4	864.3
35°	6364.7	5243.8	3945.5	2887.8	1916.2	1496.3	1207.5	1103.9	1027.1	966.3	906.1
32.5°	8265.5	7173.8	5919.5	4464.7	3128.4	2019.3	1490.9	1192.2	1081.7	1010.8	946.7
30°	9882.3	8873.6	7676.0	6227.0	4626.6	3120.3	1905.7	1418.5	1163.4	1053.0	985.6
27.5°	11201.4	10296.5	9175.2	7857.2	6224.8	4454.4	2891.5	1699.9	1286.0	1116.4	1022.4
25°	12412.8	11458.4	10406.5	9176.4	7690.7	5905.0	3970.2	2441.3	1526.9	1184.3	1056.7
22.5°	13563.3	12549.6	11468.9	10277.0	8902.0	7195.3	5265.8	3266.3	1770.2	1306.9	1109.8
20°	14675.6	13558.3	12432.2	11193.9	9820.6	8332.5	6438.7	4254.8	2464.6	1493.4	1160.4
17.5°	15814.9	14536.3	13261.0	12000.5	10608.5	9114.5	7352.8	5248.9	3068.1	1661.2	1204.1
15°	16894.2	15465.7	14058.7	12672.8	11280.9	9766.8	8116.0	6134.3	3667.3	2000.7	1328.2
12.5°	17986.8	16324.0	14796.7	13242.8	11846.2	10311.2	8657.1	6738.6	4370.1	2416.5	1451.5
10°	18976.4	17111.5	15417.9	13773.5	12267.7	10745.5	9092.1	7224.3	4948.2	2758.3	1552.8
7.5°	19824.6	17796.3	15934.8	14206.2	12606.3	11107.9	9465.3	7611.8	5383.6	3022.4	1631.7
5°	20478.8	18296.6	16332.2	14561.0	12869.4	11354.8	9738.4	7894.0	5676.9	3207.9	1688.5
2.5°	20872.4	18599.7	16565.3	14781.1	13032.9	11495.7	9882.9	8074.5	5863.8	3327.5	1730.5
0°	21041.8	18691.5	16736.6	14929.6	13095.6	11554.8	9879.6	8142.4	5932.0	3372.1	1750.6
-2.5°	20872.4	18599.7	16565.3	14781.1	13032.9	11495.7	9882.9	8074.5	5863.8	3327.5	1730.5
-5°	20478.8	18296.6	16332.2	14561.0	12869.4	11354.8	9738.4	7894.0	5676.9	3207.9	1688.5
-7.5°	19824.6	17796.3	15934.8	14206.2	12606.3	11107.9	9465.3	7611.8	5383.6	3022.4	1631.7
-10°	18976.4	17111.5	15417.9	13773.5	12267.7	10745.5	9092.1	7224.3	4948.2	2758.3	1552.8
-12.5°	17986.8	16324.0	14796.7	13242.8	11846.2	10311.2	8657.1	6738.6	4370.1	2416.5	1451.5
-15°	16894.2	15465.7	14058.7	12672.8	11280.9	9766.8	8116.0	6134.3	3667.3	2000.7	1328.2
-17.5°	15814.9	14536.3	13261.0	12000.5	10608.5	9114.5	7352.8	5248.9	3068.1	1661.2	1204.1
-20°	14675.6	13558.3	12432.2	11193.9	9820.6	8332.5	6438.7	4254.8	2464.6	1493.4	1160.4



REPORT NUMBER: P559197 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	13563.3	12549.6	11468.9	10277.0	8902.0	7195.3	5265.8	3266.3	1770.2	1306.9	1109.8
-25°	12412.8	11458.4	10406.5	9176.4	7690.7	5905.0	3970.2	2441.3	1526.9	1184.3	1056.7
-27.5°	11201.4	10296.5	9175.2	7857.2	6224.8	4454.4	2891.5	1699.9	1286.0	1116.4	1022.4
-30°	9882.3	8873.6	7676.0	6227.0	4626.6	3120.3	1905.7	1418.5	1163.4	1053.0	985.6
-32.5°	8265.5	7173.8	5919.5	4464.7	3128.4	2019.3	1490.9	1192.2	1081.7	1010.8	946.7
-35°	6364.7	5243.8	3945.5	2887.8	1916.2	1496.3	1207.5	1103.9	1027.1	966.3	906.1
-37.5°	4176.5	3203.9	2412.1	1696.2	1429.6	1204.9	1111.4	1037.7	977.4	921.4	864.3
-40°	2434.5	1748.2	1518.8	1295.5	1177.5	1100.9	1038.8	981.7	928.8	875.1	820.8
-42.5°	1484.7	1308.2	1193.8	1127.8	1067.2	1024.5	976.6	927.7	877.9	827.2	775.7
-45°	1158.8	1111.7	1062.1	1030.9	994.6	956.6	916.9	871.7	825.0	777.6	728.8
-47.5°	1033.4	1011.4	986.2	958.2	925.8	890.7	853.5	813.9	771.0	726.5	680.2
-50°	949.7	924.2	901.7	882.3	853.6	820.8	787.6	756.1	715.2	672.5	628.5
-52.5°	838.3	825.8	812.2	797.6	775.6	746.3	718.4	690.4	655.8	614.3	572.0
-55°	742.7	732.5	723.5	709.7	691.0	667.2	643.6	620.0	590.1	551.8	517.0
-57.5°	662.3	648.9	640.3	625.8	605.0	587.4	569.2	547.1	520.5	488.6	460.4
-60°	590.9	577.1	564.3	549.1	531.3	514.1	497.4	475.6	448.5	426.4	403.9
-62.5°	508.9	503.0	487.6	471.0	458.1	447.3	427.2	404.8	385.6	367.9	347.4
-65°	407.8	394.1	385.8	384.7	377.0	361.9	345.4	334.7	323.4	307.8	290.6
-67.5°	331.7	325.7	319.9	311.7	303.7	293.4	286.5	277.2	265.5	249.0	236.5
-70°	280.9	277.3	272.0	264.3	255.9	247.4	239.5	228.6	213.1	193.7	182.5
-72.5°	236.5	234.1	230.0	223.7	216.8	209.8	199.8	184.5	165.6	142.9	131.6
-75°	195.0	193.4	190.4	185.4	179.9	174.0	163.8	146.2	127.8	108.7	98.6
-77.5°	151.4	150.5	149.3	145.8	142.3	138.9	132.1	114.4	97.3	81.8	73.5
-80°	101.3	102.7	102.6	100.6	98.3	95.8	91.4	79.4	68.6	59.1	52.5
-82.5°	59.1	56.9	54.5	54.8	54.9	55.0	54.2	47.6	41.4	35.5	30.8
-85°	20.7	19.6	18.6	20.6	22.2	23.5	24.2	21.5	18.9	16.5	14.4
-87.5°	5.1	5.0	4.9	4.8	4.7	4.6	4.4	4.3	4.1	4.0	3.8
-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: P559197 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-927-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°	4.6	5.2	5.8	6.2	6.5	6.7	6.8	6.8	6.4	6.0	5.4
85°	15.3	15.8	15.9	15.6	14.6	13.5	13.7	13.6	12.8	11.9	10.9
82.5°	32.1	33.3	34.1	34.0	31.9	29.6	27.2	24.8	22.0	18.4	16.3
80°	55.5	57.2	57.8	56.3	50.9	45.7	42.1	38.6	35.8	31.8	26.6
77.5°	79.0	82.6	84.0	82.2	74.8	67.5	60.2	53.6	49.6	45.2	39.4
75°	103.4	108.8	111.9	110.0	100.8	89.1	79.9	72.1	66.5	59.1	52.1
72.5°	134.1	136.8	139.7	139.1	131.0	119.4	104.3	90.9	84.6	76.2	65.8
70°	175.3	167.6	165.8	164.6	159.7	150.7	135.5	117.7	103.0	93.5	81.8
67.5°	225.6	215.1	204.1	192.6	186.7	178.5	166.5	145.6	126.1	110.8	97.8
65°	275.3	261.2	247.9	231.1	217.2	206.4	194.1	171.8	148.4	129.0	113.8
62.5°	326.2	305.4	287.6	268.0	249.6	234.5	221.3	196.1	169.8	146.4	128.3
60°	379.4	354.4	327.2	303.7	281.5	261.4	243.7	220.0	191.5	162.8	141.5
57.5°	433.5	404.2	371.0	340.1	313.5	289.0	265.0	240.8	212.9	181.2	153.2
55°	486.7	454.6	414.7	377.8	345.7	317.5	287.3	260.0	233.1	200.0	161.7
52.5°	534.2	500.6	460.9	416.5	377.9	344.7	311.5	278.8	250.1	218.3	173.4
50°	582.8	541.1	503.2	459.1	410.1	371.6	334.9	299.7	266.8	235.3	184.2
47.5°	633.3	584.7	540.3	498.9	448.9	397.8	358.4	320.1	283.1	249.8	193.7
45°	679.7	629.5	578.5	532.5	484.9	428.2	381.6	339.7	300.6	257.1	201.9
42.5°	723.7	671.2	617.9	565.0	515.2	458.1	403.9	359.8	317.5	262.9	207.6
40°	765.8	710.6	655.0	599.8	545.4	485.3	428.2	379.1	332.4	267.9	211.4
37.5°	806.0	748.0	689.9	633.1	576.2	513.6	450.7	397.7	339.7	273.4	214.1
35°	844.9	783.5	724.5	665.0	605.3	542.1	470.8	415.5	350.6	278.0	215.6
32.5°	881.9	818.2	757.4	695.7	632.8	570.9	493.4	431.8	363.8	281.8	215.9
30°	917.9	852.1	788.2	725.1	658.9	594.9	518.8	447.8	379.2	284.6	215.9
27.5°	952.3	883.4	817.0	752.0	684.3	617.0	543.6	463.5	396.5	290.2	217.3
25°	983.9	912.5	843.8	776.6	708.1	638.2	566.5	478.9	410.9	301.9	217.9
22.5°	1013.2	939.1	868.0	799.2	731.3	658.6	585.8	497.8	422.8	314.0	217.7
20°	1039.8	962.6	890.6	823.0	752.4	678.1	602.3	514.9	434.0	326.4	216.5
17.5°	1066.4	987.2	916.6	845.6	771.9	695.8	617.6	530.2	444.3	338.6	214.5
15°	1108.4	1013.8	940.4	866.8	789.9	711.7	631.7	543.7	453.6	350.4	213.9
12.5°	1146.2	1037.6	961.6	886.4	806.4	725.6	644.4	555.3	462.0	358.5	214.8
10°	1178.0	1058.4	980.4	904.3	821.2	737.5	655.5	565.1	468.9	361.8	214.3
7.5°	1204.1	1076.3	996.7	920.1	834.8	749.0	665.8	573.4	475.7	362.1	212.5
5°	1226.5	1095.8	1017.0	937.4	851.0	760.3	674.4	579.7	481.7	359.7	209.7
2.5°	1252.0	1119.5	1039.5	952.7	865.0	769.8	681.1	584.0	486.5	354.5	206.1
0°	1271.9	1140.2	1059.5	965.4	876.6	777.1	685.7	586.2	489.4	346.9	201.7
-2.5°	1252.0	1119.5	1039.5	952.7	865.0	769.8	681.1	584.0	486.5	354.5	206.1
-5°	1226.5	1095.8	1017.0	937.4	851.0	760.3	674.4	579.7	481.7	359.7	209.7
-7.5°	1204.1	1076.3	996.7	920.1	834.8	749.0	665.8	573.4	475.7	362.1	212.5
-10°	1178.0	1058.4	980.4	904.3	821.2	737.5	655.5	565.1	468.9	361.8	214.3
-12.5°	1146.2	1037.6	961.6	886.4	806.4	725.6	644.4	555.3	462.0	358.5	214.8
-15°	1108.4	1013.8	940.4	866.8	789.9	711.7	631.7	543.7	453.6	350.4	213.9
-17.5°	1066.4	987.2	916.6	845.6	771.9	695.8	617.6	530.2	444.3	338.6	214.5
-20°	1039.8	962.6	890.6	823.0	752.4	678.1	602.3	514.9	434.0	326.4	216.5



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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°	1013.2	939.1	868.0	799.2	731.3	658.6	585.8	497.8	422.8	314.0	217.7
-25°	983.9	912.5	843.8	776.6	708.1	638.2	566.5	478.9	410.9	301.9	217.9
-27.5°	952.3	883.4	817.0	752.0	684.3	617.0	543.6	463.5	396.5	290.2	217.3
-30°	917.9	852.1	788.2	725.1	658.9	594.9	518.8	447.8	379.2	284.6	215.9
-32.5°	881.9	818.2	757.4	695.7	632.8	570.9	493.4	431.8	363.8	281.8	215.9
-35°	844.9	783.5	724.5	665.0	605.3	542.1	470.8	415.5	350.6	278.0	215.6
-37.5°	806.0	748.0	689.9	633.1	576.2	513.6	450.7	397.7	339.7	273.4	214.1
-40°	765.8	710.6	655.0	599.8	545.4	485.3	428.2	379.1	332.4	267.9	211.4
-42.5°	723.7	671.2	617.9	565.0	515.2	458.1	403.9	359.8	317.5	262.9	207.6
-45°	679.7	629.5	578.5	532.5	484.9	428.2	381.6	339.7	300.6	257.1	201.9
-47.5°	633.3	584.7	540.3	498.9	448.9	397.8	358.4	320.1	283.1	249.8	193.7
-50°	582.8	541.1	503.2	459.1	410.1	371.6	334.9	299.7	266.8	235.3	184.2
-52.5°	534.2	500.6	460.9	416.5	377.9	344.7	311.5	278.8	250.1	218.3	173.4
-55°	486.7	454.6	414.7	377.8	345.7	317.5	287.3	260.0	233.1	200.0	161.7
-57.5°	433.5	404.2	371.0	340.1	313.5	289.0	265.0	240.8	212.9	181.2	153.2
-60°	379.4	354.4	327.2	303.7	281.5	261.4	243.7	220.0	191.5	162.8	141.5
-62.5°	326.2	305.4	287.6	268.0	249.6	234.5	221.3	196.1	169.8	146.4	128.3
-65°	275.3	261.2	247.9	231.1	217.2	206.4	194.1	171.8	148.4	129.0	113.8
-67.5°	225.6	215.1	204.1	192.6	186.7	178.5	166.5	145.6	126.1	110.8	97.8
-70°	175.3	167.6	165.8	164.6	159.7	150.7	135.5	117.7	103.0	93.5	81.8
-72.5°	134.1	136.8	139.7	139.1	131.0	119.4	104.3	90.9	84.6	76.2	65.8
-75°	103.4	108.8	111.9	110.0	100.8	89.1	79.9	72.1	66.5	59.1	52.1
-77.5°	79.0	82.6	84.0	82.2	74.8	67.5	60.2	53.6	49.6	45.2	39.4
-80°	55.5	57.2	57.8	56.3	50.9	45.7	42.1	38.6	35.8	31.8	26.6
-82.5°	32.1	33.3	34.1	34.0	31.9	29.6	27.2	24.8	22.0	18.4	16.3
-85°	15.3	15.8	15.9	15.6	14.6	13.5	13.7	13.6	12.8	11.9	10.9
-87.5°	4.6	5.2	5.8	6.2	6.5	6.7	6.8	6.8	6.4	6.0	5.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.9	3.8	2.8	1.9	1.2	0.6	0.0
85°	9.7	7.5	5.6	3.8	2.3	1.2	0.0
82.5°	14.5	11.3	8.3	5.7	3.5	1.7	0.0
80°	20.1	14.9	11.1	7.6	4.6	2.3	0.0
77.5°	31.5	20.4	13.8	9.5	5.8	2.9	0.0
75°	42.7	29.1	17.1	11.3	6.9	3.5	0.0
72.5°	53.6	37.6	23.4	13.1	8.0	4.0	0.0
70°	64.6	45.9	29.6	15.3	9.2	4.6	0.0
67.5°	77.3	54.0	35.6	19.5	10.2	5.1	0.0
65°	89.6	62.6	41.4	23.6	11.3	5.7	0.0
62.5°	101.3	71.7	47.0	27.5	12.4	6.2	0.0
60°	112.4	80.4	52.3	31.3	13.4	6.7	0.0
57.5°	119.9	88.6	58.5	34.9	15.7	7.2	0.0
55°	126.3	96.3	64.3	38.3	18.1	7.7	0.0
52.5°	131.8	102.9	69.8	41.6	20.3	8.2	0.0
50°	136.3	106.2	74.9	44.6	22.4	8.6	0.0
47.5°	140.5	108.8	79.6	47.6	24.5	9.1	0.0
45°	147.3	110.8	83.9	50.8	26.4	9.5	0.0
42.5°	153.0	112.1	87.8	53.8	28.3	9.9	0.0
40°	157.8	112.7	89.8	56.9	30.0	10.3	0.0
37.5°	161.4	112.7	90.1	60.0	31.7	10.6	0.0
35°	164.0	114.1	90.0	63.2	33.3	11.0	0.0
32.5°	165.3	115.9	89.4	66.2	34.7	11.3	0.0
30°	165.2	117.0	88.5	69.1	36.0	11.6	0.0
27.5°	164.2	117.3	89.5	71.9	37.3	11.9	0.0
25°	162.4	117.0	90.5	74.6	38.4	12.1	0.0
22.5°	159.8	117.2	91.4	77.1	39.4	12.4	0.0
20°	156.4	120.3	92.1	79.5	40.2	12.6	0.0
17.5°	156.6	122.9	92.7	81.7	41.0	12.8	0.0
15°	159.0	125.3	93.2	83.7	41.6	12.9	0.0
12.5°	160.8	127.3	93.5	85.6	42.2	13.1	0.0
10°	162.3	128.9	93.8	87.2	42.6	13.2	0.0
7.5°	163.3	130.2	93.9	88.6	42.8	13.3	0.0
5°	164.0	131.1	94.0	89.8	43.0	13.3	0.0
2.5°	164.2	131.6	94.1	90.7	43.1	13.4	0.0
0°	164.0	131.8	94.1	91.4	43.0	13.4	0.0
-2.5°	164.2	131.6	94.1	90.7	43.1	13.4	0.0
-5°	164.0	131.1	94.0	89.8	43.0	13.3	0.0
-7.5°	163.3	130.2	93.9	88.6	42.8	13.3	0.0
-10°	162.3	128.9	93.8	87.2	42.6	13.2	0.0
-12.5°	160.8	127.3	93.5	85.6	42.2	13.1	0.0
-15°	159.0	125.3	93.2	83.7	41.6	12.9	0.0
-17.5°	156.6	122.9	92.7	81.7	41.0	12.8	0.0
-20°	156.4	120.3	92.1	79.5	40.2	12.6	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	159.8	117.2	91.4	77.1	39.4	12.4	0.0
-25°	162.4	117.0	90.5	74.6	38.4	12.1	0.0
-27.5°	164.2	117.3	89.5	71.9	37.3	11.9	0.0
-30°	165.2	117.0	88.5	69.1	36.0	11.6	0.0
-32.5°	165.3	115.9	89.4	66.2	34.7	11.3	0.0
-35°	164.0	114.1	90.0	63.2	33.3	11.0	0.0
-37.5°	161.4	112.7	90.1	60.0	31.7	10.6	0.0
-40°	157.8	112.7	89.8	56.9	30.0	10.3	0.0
-42.5°	153.0	112.1	87.8	53.8	28.3	9.9	0.0
-45°	147.3	110.8	83.9	50.8	26.4	9.5	0.0
-47.5°	140.5	108.8	79.6	47.6	24.5	9.1	0.0
-50°	136.3	106.2	74.9	44.6	22.4	8.6	0.0
-52.5°	131.8	102.9	69.8	41.6	20.3	8.2	0.0
-55°	126.3	96.3	64.3	38.3	18.1	7.7	0.0
-57.5°	119.9	88.6	58.5	34.9	15.7	7.2	0.0
-60°	112.4	80.4	52.3	31.3	13.4	6.7	0.0
-62.5°	101.3	71.7	47.0	27.5	12.4	6.2	0.0
-65°	89.6	62.6	41.4	23.6	11.3	5.7	0.0
-67.5°	77.3	54.0	35.6	19.5	10.2	5.1	0.0
-70°	64.6	45.9	29.6	15.3	9.2	4.6	0.0
-72.5°	53.6	37.6	23.4	13.1	8.0	4.0	0.0
-75°	42.7	29.1	17.1	11.3	6.9	3.5	0.0
-77.5°	31.5	20.4	13.8	9.5	5.8	2.9	0.0
-80°	20.1	14.9	11.1	7.6	4.6	2.3	0.0
-82.5°	14.5	11.3	8.3	5.7	3.5	1.7	0.0
-85°	9.7	7.5	5.6	3.8	2.3	1.2	0.0
-87.5°	4.9	3.8	2.8	1.9	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)