

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: P559252 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-940-U-MR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559252 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-4)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA6E-940-U-MR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4  
Light Source: (96) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

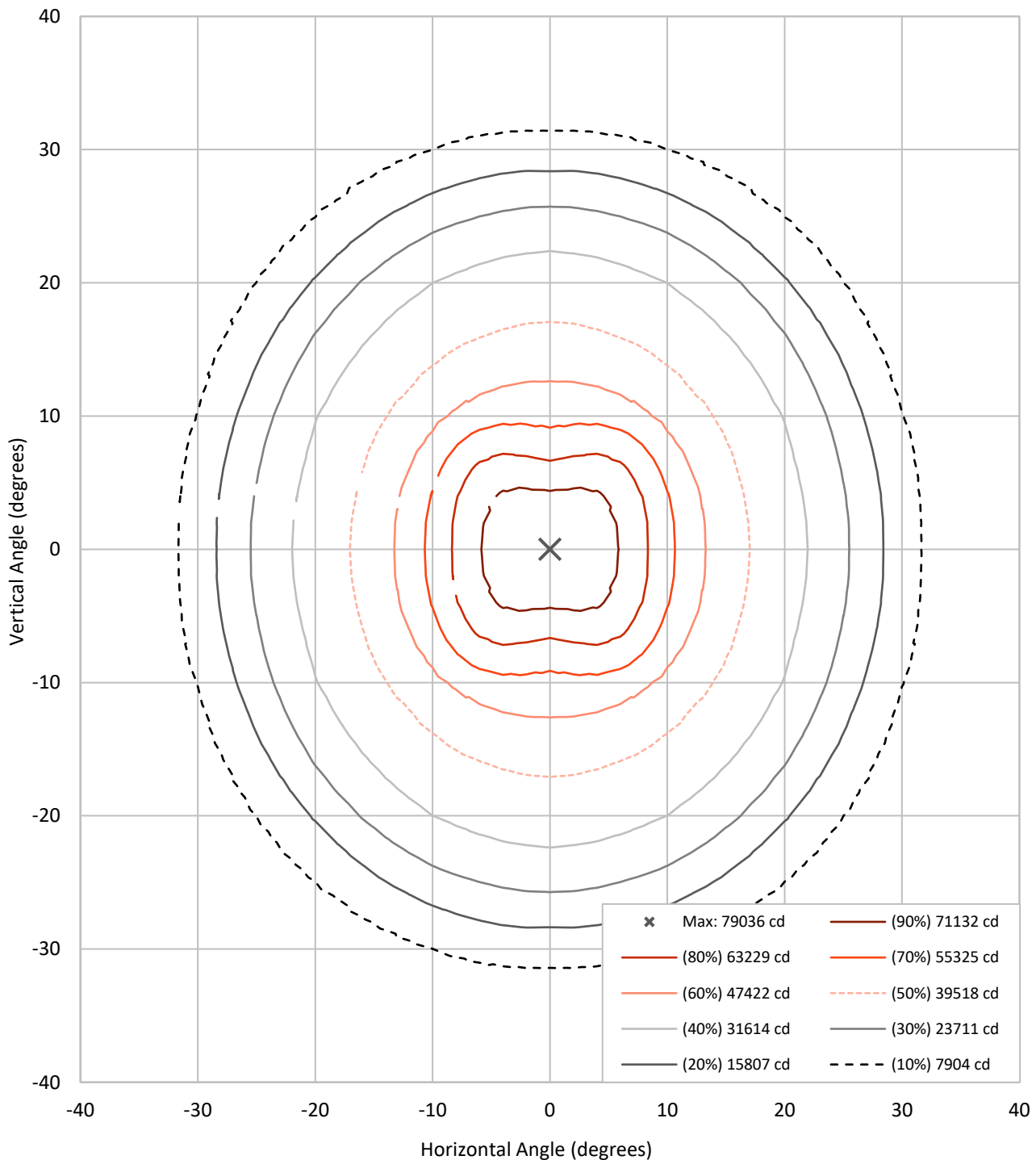
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	34963.4 lumens	Max Intensity:	79036 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	95.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	14892.2 lumens	Field Lumens:	30436.6 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 368  
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





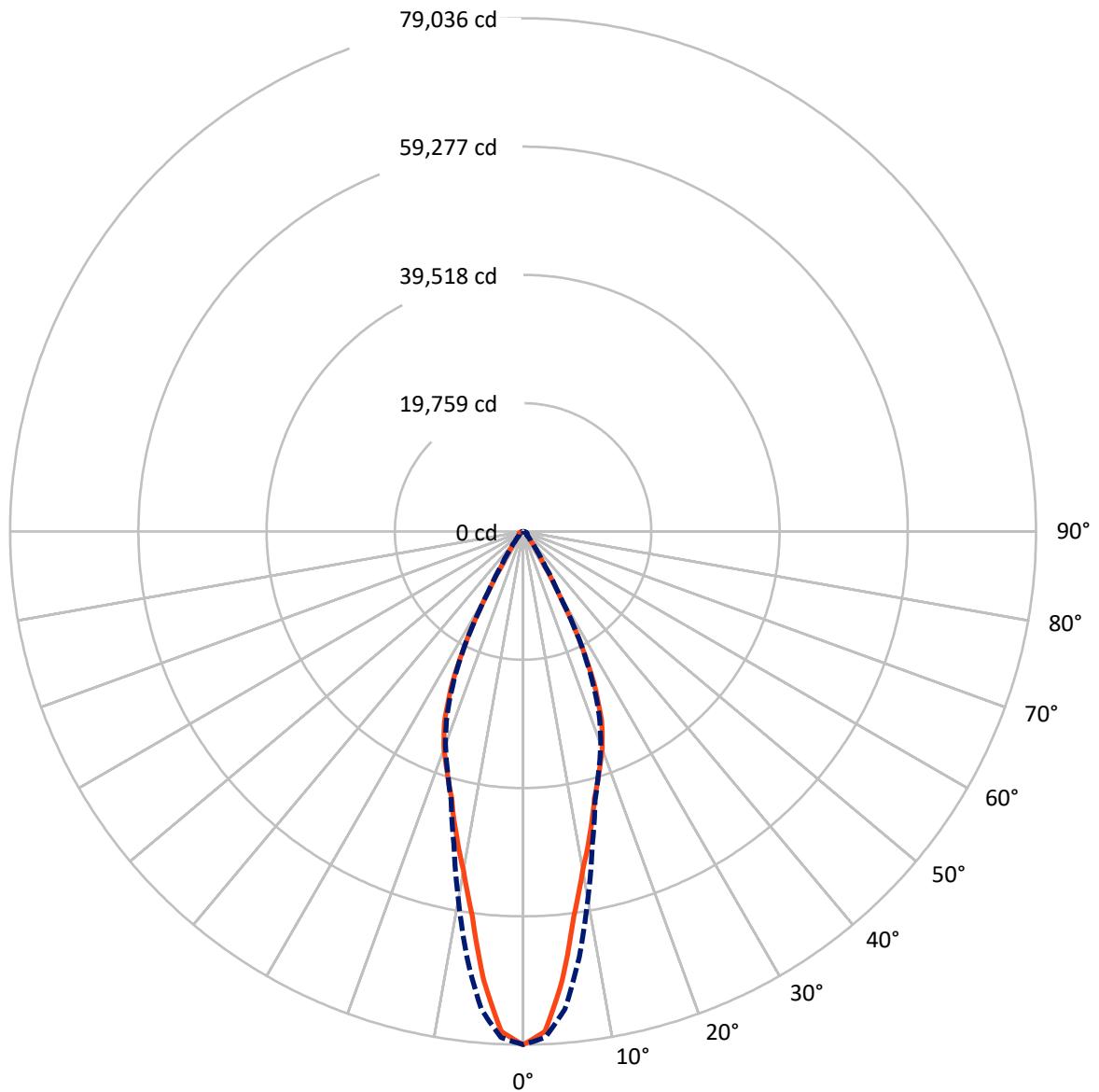
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### Lumen Table

90																			
80	0.5	3.9		10.9		17.9		20.9		17.9		10.9		3.9		0.5			
70																			
60	1.8	2.0	4.5	7.7	11.3	14.5	17.0	18.5	18.5	17.0	14.5	11.3	7.7	4.5	2.0	1.8			
50		3.3	7.2	12.4	16.8	19.1	20.1	20.7	20.7	20.1	19.1	16.8	12.4	7.2	3.3				
40	3.3	4.5	9.9	14.9	17.4	21.5	27.6	31.8	31.8	27.6	21.5	17.4	14.9	9.9	4.5	3.3			
30		5.7	11.6	15.0	22.6	44.6	84.7	129.5	129.5	84.7	44.6	22.6	15.0	11.6	5.7				
20	4.5	6.7	11.9	16.8	41.0	136.0	427.8	704.3	704.3	427.8	136.0	41.0	16.8	11.9	6.7	4.5			
10		7.3	11.9	20.7	76.4	403.3	952.9	1262.1	1262.1	952.9	403.3	76.4	20.7	11.9	7.3				
0	5.0	7.7	11.9	23.8	116.2	635.2	1239.3	1955.6	1955.6	1239.3	635.2	116.2	23.8	11.9	7.7	5.0			
-10		7.7	11.9	23.8	116.2	635.2	1239.3	1955.6	1955.6	1239.3	635.2	116.2	23.8	11.9	7.7				
-20	4.5	7.3	11.9	20.7	76.4	403.3	952.9	1262.1	1262.1	952.9	403.3	76.4	20.7	11.9	7.3	4.5			
-30		6.7	11.9	16.8	41.0	136.0	427.8	704.3	704.3	427.8	136.0	41.0	16.8	11.9	6.7				
-40	3.3	5.7	11.6	15.0	22.6	44.6	84.7	129.5	129.5	84.7	44.6	22.6	15.0	11.6	5.7	3.3			
-50		4.5	9.9	14.9	17.4	21.5	27.6	31.8	31.8	27.6	21.5	17.4	14.9	9.9	4.5				
-60	1.8	3.3	7.2	12.4	16.8	19.1	20.1	20.7	20.7	20.1	19.1	16.8	12.4	7.2	3.3	1.8			
-70		2.0	4.5	7.7	11.3	14.5	17.0	18.5	18.5	17.0	14.5	11.3	7.7	4.5	2.0				
-80	0.5	3.9		10.9		17.9		20.9		17.9		10.9		3.9		0.5			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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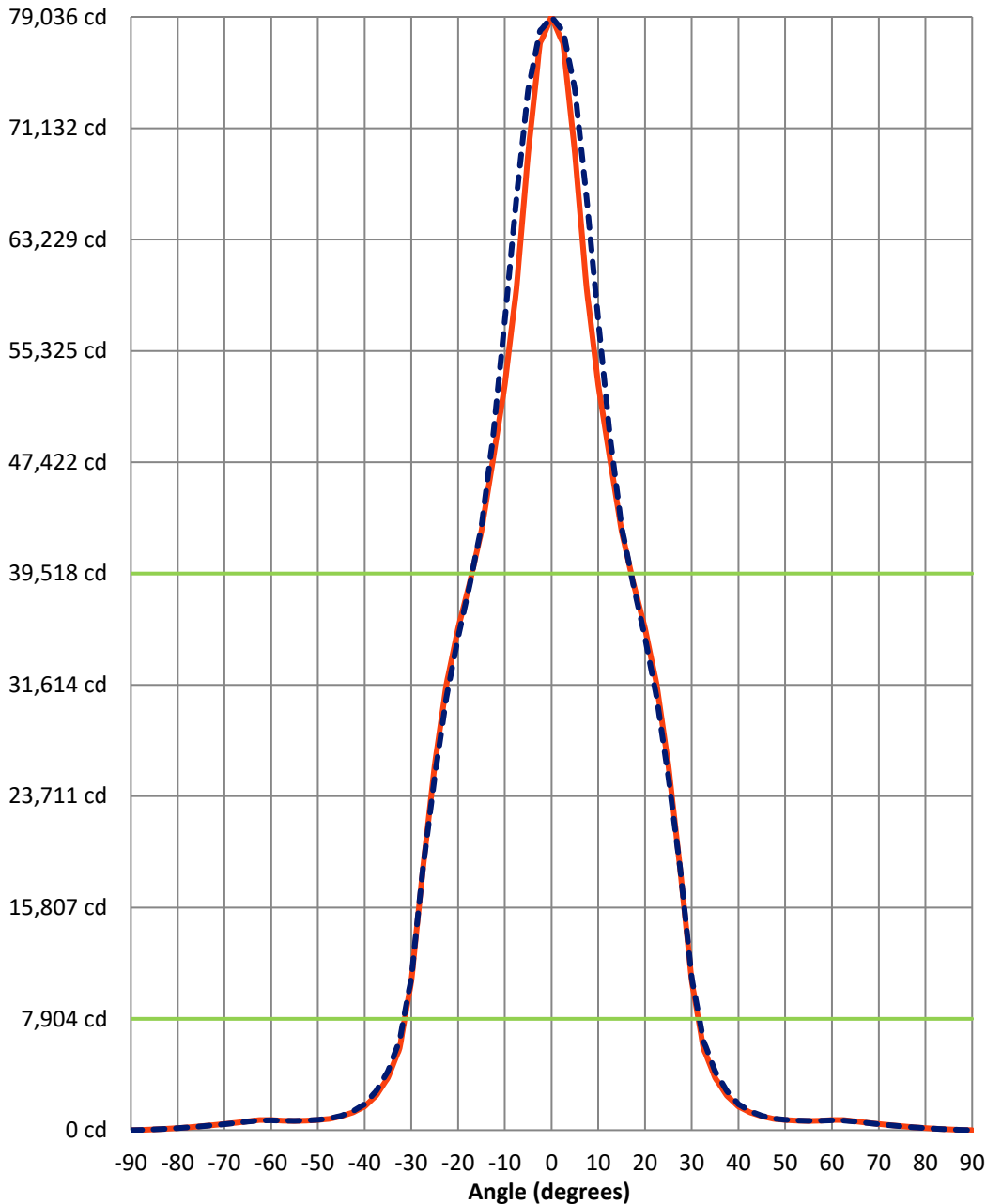
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 34°  
 V Angle: 34.1°  
 Lumens: 14892.2  
 Efficiency: 42.6%

**Field:**  
 H Angle: 63.3°  
 V Angle: 62.8°  
 Lumens: 30436.6  
 Efficiency: 87.1%

**Spill:**  
 Lumens: 4526.8  
 Efficiency: 12.9%

— 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	0.9	1.8	2.6	3.5	4.3	5.2	6.0	6.9	7.7	8.5
85°	0.0	1.8	3.5	5.2	7.0	8.7	10.4	12.1	13.7	15.4	17.0
82.5°	0.0	2.6	5.2	7.8	10.4	13.0	15.6	18.1	20.9	25.1	29.0
80°	0.0	3.5	7.0	10.4	13.9	17.3	21.2	27.2	32.9	38.2	43.1
77.5°	0.0	4.3	8.7	13.0	17.3	22.8	30.6	37.9	44.8	51.2	57.8
75°	0.0	5.2	10.4	15.6	21.2	30.3	39.8	48.6	56.7	65.4	74.4
72.5°	0.0	6.0	12.1	18.1	27.0	37.8	48.9	59.2	69.4	79.9	90.7
70°	0.0	6.9	13.7	20.9	32.8	45.1	57.9	70.0	81.9	94.3	110.2
67.5°	0.0	7.7	15.4	25.1	38.4	52.3	66.9	80.6	94.3	112.4	130.3
65°	0.0	8.5	17.0	29.1	43.9	59.7	75.9	90.9	110.2	130.3	151.6
62.5°	0.0	9.3	18.5	33.1	49.3	67.3	84.8	103.6	125.8	148.7	176.1
60°	0.0	10.0	20.1	37.0	54.6	74.8	93.6	117.0	141.1	170.5	200.2
57.5°	0.0	10.8	22.6	40.8	60.6	82.3	104.6	130.1	159.2	191.7	224.9
55°	0.0	11.5	25.1	44.4	66.6	89.5	115.6	143.0	177.7	212.7	249.3
52.5°	0.0	12.2	27.5	47.9	72.4	97.0	126.4	158.3	195.6	233.5	272.7
50°	0.0	12.9	29.9	51.3	78.1	105.7	136.8	173.4	213.0	253.4	297.3
47.5°	0.0	13.6	32.1	54.8	83.6	114.1	147.2	187.8	229.8	272.5	321.6
45°	0.0	14.2	34.4	58.8	89.0	122.1	158.9	201.5	245.9	293.8	345.3
42.5°	0.0	14.8	36.5	62.7	94.2	129.9	170.0	214.9	261.5	314.6	369.8
40°	0.0	15.4	38.5	66.5	99.6	137.3	180.5	227.9	277.4	334.7	393.4
37.5°	0.0	15.9	40.5	70.1	105.2	144.3	190.4	240.4	294.3	354.0	415.9
35°	0.0	16.5	42.4	73.5	110.6	151.7	199.6	252.3	310.2	372.9	437.6
32.5°	0.0	17.0	44.2	76.6	115.6	159.0	208.4	263.5	325.1	390.6	458.3
30°	0.0	17.4	45.8	79.4	120.3	165.7	217.4	274.4	338.9	407.2	477.7
27.5°	0.0	17.8	47.4	82.0	124.3	171.8	225.7	285.7	352.0	422.7	495.7
25°	0.0	18.2	48.9	84.4	128.0	177.4	233.4	295.9	364.5	437.3	512.4
22.5°	0.0	18.6	50.3	86.4	131.3	182.4	240.5	305.2	375.9	450.7	529.1
20°	0.0	18.9	51.5	88.3	134.2	186.6	246.8	313.5	386.2	462.9	544.0
17.5°	0.0	19.2	52.6	89.8	136.8	190.3	252.5	320.8	395.2	473.6	557.1
15°	0.0	19.4	53.7	91.1	139.0	193.5	257.4	327.2	403.1	482.9	568.3
12.5°	0.0	19.6	54.5	92.2	140.8	196.2	261.7	332.7	409.6	490.8	577.7
10°	0.0	19.8	55.3	93.0	142.3	198.3	265.2	337.2	414.8	497.9	586.1
7.5°	0.0	19.9	55.9	93.6	143.3	199.8	268.0	340.7	418.6	503.8	594.7
5°	0.0	20.0	56.4	93.9	144.0	200.8	270.0	343.3	421.1	508.4	601.7
2.5°	0.0	20.1	56.8	94.0	144.3	201.3	271.2	344.8	422.4	511.4	606.9
0°	0.0	20.1	57.0	93.9	144.2	201.2	271.6	345.3	422.4	512.9	610.2
-2.5°	0.0	20.1	56.8	94.0	144.3	201.3	271.2	344.8	422.4	511.4	606.9
-5°	0.0	20.0	56.4	93.9	144.0	200.8	270.0	343.3	421.1	508.4	601.7
-7.5°	0.0	19.9	55.9	93.6	143.3	199.8	268.0	340.7	418.6	503.8	594.7
-10°	0.0	19.8	55.3	93.0	142.3	198.3	265.2	337.2	414.8	497.9	586.1
-12.5°	0.0	19.6	54.5	92.2	140.8	196.2	261.7	332.7	409.6	490.8	577.7
-15°	0.0	19.4	53.7	91.1	139.0	193.5	257.4	327.2	403.1	482.9	568.3
-17.5°	0.0	19.2	52.6	89.8	136.8	190.3	252.5	320.8	395.2	473.6	557.1
-20°	0.0	18.9	51.5	88.3	134.2	186.6	246.8	313.5	386.2	462.9	544.0



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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	18.6	50.3	86.4	131.3	182.4	240.5	305.2	375.9	450.7	529.1
-25°	0.0	18.2	48.9	84.4	128.0	177.4	233.4	295.9	364.5	437.3	512.4
-27.5°	0.0	17.8	47.4	82.0	124.3	171.8	225.7	285.7	352.0	422.7	495.7
-30°	0.0	17.4	45.8	79.4	120.3	165.7	217.4	274.4	338.9	407.2	477.7
-32.5°	0.0	17.0	44.2	76.6	115.6	159.0	208.4	263.5	325.1	390.6	458.3
-35°	0.0	16.5	42.4	73.5	110.6	151.7	199.6	252.3	310.2	372.9	437.6
-37.5°	0.0	15.9	40.5	70.1	105.2	144.3	190.4	240.4	294.3	354.0	415.9
-40°	0.0	15.4	38.5	66.5	99.6	137.3	180.5	227.9	277.4	334.7	393.4
-42.5°	0.0	14.8	36.5	62.7	94.2	129.9	170.0	214.9	261.5	314.6	369.8
-45°	0.0	14.2	34.4	58.8	89.0	122.1	158.9	201.5	245.9	293.8	345.3
-47.5°	0.0	13.6	32.1	54.8	83.6	114.1	147.2	187.8	229.8	272.5	321.6
-50°	0.0	12.9	29.9	51.3	78.1	105.7	136.8	173.4	213.0	253.4	297.3
-52.5°	0.0	12.2	27.5	47.9	72.4	97.0	126.4	158.3	195.6	233.5	272.7
-55°	0.0	11.5	25.1	44.4	66.6	89.5	115.6	143.0	177.7	212.7	249.3
-57.5°	0.0	10.8	22.6	40.8	60.6	82.3	104.6	130.1	159.2	191.7	224.9
-60°	0.0	10.0	20.1	37.0	54.6	74.8	93.6	117.0	141.1	170.5	200.2
-62.5°	0.0	9.3	18.5	33.1	49.3	67.3	84.8	103.6	125.8	148.7	176.1
-65°	0.0	8.5	17.0	29.1	43.9	59.7	75.9	90.9	110.2	130.3	151.6
-67.5°	0.0	7.7	15.4	25.1	38.4	52.3	66.9	80.6	94.3	112.4	130.3
-70°	0.0	6.9	13.7	20.9	32.8	45.1	57.9	70.0	81.9	94.3	110.2
-72.5°	0.0	6.0	12.1	18.1	27.0	37.8	48.9	59.2	69.4	79.9	90.7
-75°	0.0	5.2	10.4	15.6	21.2	30.3	39.8	48.6	56.7	65.4	74.4
-77.5°	0.0	4.3	8.7	13.0	17.3	22.8	30.6	37.9	44.8	51.2	57.8
-80°	0.0	3.5	7.0	10.4	13.9	17.3	21.2	27.2	32.9	38.2	43.1
-82.5°	0.0	2.6	5.2	7.8	10.4	13.0	15.6	18.1	20.9	25.1	29.0
-85°	0.0	1.8	3.5	5.2	7.0	8.7	10.4	12.1	13.7	15.4	17.0
-87.5°	0.0	0.9	1.8	2.6	3.5	4.3	5.2	6.0	6.9	7.7	8.5
-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):**

	-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°	9.3	10.0	10.8	11.5	12.2	12.9	13.6	14.2	14.8	15.4	15.9
85°	18.5	20.1	22.6	25.0	27.2	29.2	31.0	32.6	34.4	36.1	37.8
82.5°	32.9	36.7	40.5	44.1	47.1	49.6	52.3	55.9	60.1	64.2	68.0
80°	48.2	53.3	59.6	66.1	71.8	77.5	83.2	88.8	94.5	100.4	106.4
77.5°	65.6	73.9	82.2	90.6	98.7	108.2	117.5	126.8	135.2	142.6	149.5
75°	84.1	94.2	106.5	119.0	131.1	142.9	154.8	167.8	179.2	189.5	199.2
72.5°	104.1	118.9	133.7	148.6	165.3	181.3	196.8	211.8	225.5	238.3	251.2
70°	126.4	143.4	163.2	183.3	202.6	220.9	238.9	255.8	271.7	288.5	306.5
67.5°	149.2	172.5	195.4	218.1	240.7	261.5	281.2	303.0	324.5	345.7	366.0
65°	176.3	202.0	228.4	254.4	279.1	304.3	329.5	354.4	379.7	403.8	426.3
62.5°	203.1	233.0	262.3	291.0	320.3	349.0	378.5	407.7	435.8	465.1	493.1
60°	231.6	264.2	296.3	328.7	361.6	395.8	428.7	462.9	497.4	530.5	562.4
57.5°	259.8	295.1	330.3	366.9	405.2	443.0	482.0	520.4	559.8	597.5	630.4
55°	287.3	325.4	364.9	406.9	449.0	492.4	535.8	580.6	623.0	654.8	684.6
52.5°	314.8	355.8	401.1	446.7	493.6	542.3	592.8	636.0	671.4	698.5	705.0
50°	341.9	388.8	436.7	486.8	538.6	593.6	642.0	681.1	700.9	708.5	704.5
47.5°	370.5	420.8	472.3	526.3	584.2	636.9	682.5	702.4	711.9	701.6	688.9
45°	398.8	452.7	507.2	566.5	624.4	674.2	699.9	714.0	701.3	689.0	680.2
42.5°	426.0	483.8	543.4	604.5	658.4	693.6	709.8	701.7	690.8	681.3	684.5
40°	453.1	513.7	579.0	636.5	685.0	702.9	700.2	690.2	683.9	688.0	701.6
37.5°	479.0	545.1	611.8	667.4	693.6	700.8	688.8	682.4	687.1	703.0	733.2
35°	503.7	575.2	638.7	685.3	702.8	690.5	681.8	680.9	698.8	730.9	775.8
32.5°	528.6	603.9	664.0	693.2	696.0	682.3	675.8	691.1	719.4	761.9	837.3
30°	552.9	626.0	682.5	700.3	688.1	677.5	681.2	703.3	741.8	812.3	934.4
27.5°	575.1	646.0	688.5	697.0	681.2	672.4	689.0	722.4	778.2	872.3	1046.7
25°	595.4	664.1	693.8	690.6	676.7	675.7	698.3	739.5	816.4	968.7	1207.6
22.5°	612.0	680.7	698.8	684.6	672.1	681.1	712.7	769.8	872.9	1059.6	1375.4
20°	625.6	684.8	697.9	679.0	667.7	685.5	725.5	799.7	948.9	1201.8	1564.4
17.5°	637.9	688.5	693.1	675.2	670.3	692.5	738.9	826.3	1016.4	1324.0	1745.8
15°	648.7	691.7	688.6	672.0	673.6	702.0	760.7	876.6	1097.4	1439.2	1908.8
12.5°	658.2	694.4	684.4	669.3	676.0	709.8	779.3	922.3	1177.3	1564.1	2170.3
10°	666.1	696.7	680.5	667.1	677.6	716.1	794.3	958.3	1238.8	1670.0	2389.7
7.5°	673.3	698.5	677.2	665.3	678.5	720.6	805.8	984.8	1282.7	1755.0	2553.8
5°	678.7	699.8	675.4	664.4	680.9	725.7	814.2	1002.0	1309.4	1817.0	2663.7
2.5°	682.2	700.5	674.3	664.0	684.4	732.5	821.4	1016.5	1333.1	1847.7	2741.8
0°	683.9	700.7	673.9	663.8	687.3	737.6	824.7	1022.5	1344.4	1847.2	2789.3
-2.5°	682.2	700.5	674.3	664.0	684.4	732.5	821.4	1016.5	1333.1	1847.7	2741.8
-5°	678.7	699.8	675.4	664.4	680.9	725.7	814.2	1002.0	1309.4	1817.0	2663.7
-7.5°	673.3	698.5	677.2	665.3	678.5	720.6	805.8	984.8	1282.7	1755.0	2553.8
-10°	666.1	696.7	680.5	667.1	677.6	716.1	794.3	958.3	1238.8	1670.0	2389.7
-12.5°	658.2	694.4	684.4	669.3	676.0	709.8	779.3	922.3	1177.3	1564.1	2170.3
-15°	648.7	691.7	688.6	672.0	673.6	702.0	760.7	876.6	1097.4	1439.2	1908.8
-17.5°	637.9	688.5	693.1	675.2	670.3	692.5	738.9	826.3	1016.4	1324.0	1745.8
-20°	625.6	684.8	697.9	679.0	667.7	685.5	725.5	799.7	948.9	1201.8	1564.4



REPORT NUMBER: P559252 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-940-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	612.0	680.7	698.8	684.6	672.1	681.1	712.7	769.8	872.9	1059.6	1375.4
-25°	595.4	664.1	693.8	690.6	676.7	675.7	698.3	739.5	816.4	968.7	1207.6
-27.5°	575.1	646.0	688.5	697.0	681.2	672.4	689.0	722.4	778.2	872.3	1046.7
-30°	552.9	626.0	682.5	700.3	688.1	677.5	681.2	703.3	741.8	812.3	934.4
-32.5°	528.6	603.9	664.0	693.2	696.0	682.3	675.8	691.1	719.4	761.9	837.3
-35°	503.7	575.2	638.7	685.3	702.8	690.5	681.8	680.9	698.8	730.9	775.8
-37.5°	479.0	545.1	611.8	667.4	693.6	700.8	688.8	682.4	687.1	703.0	733.2
-40°	453.1	513.7	579.0	636.5	685.0	702.9	700.2	690.2	683.9	688.0	701.6
-42.5°	426.0	483.8	543.4	604.5	658.4	693.6	709.8	701.7	690.8	681.3	684.5
-45°	398.8	452.7	507.2	566.5	624.4	674.2	699.9	714.0	701.3	689.0	680.2
-47.5°	370.5	420.8	472.3	526.3	584.2	636.9	682.5	702.4	711.9	701.6	688.9
-50°	341.9	388.8	436.7	486.8	538.6	593.6	642.0	681.1	700.9	708.5	704.5
-52.5°	314.8	355.8	401.1	446.7	493.6	542.3	592.8	636.0	671.4	698.5	705.0
-55°	287.3	325.4	364.9	406.9	449.0	492.4	535.8	580.6	623.0	654.8	684.6
-57.5°	259.8	295.1	330.3	366.9	405.2	443.0	482.0	520.4	559.8	597.5	630.4
-60°	231.6	264.2	296.3	328.7	361.6	395.8	428.7	462.9	497.4	530.5	562.4
-62.5°	203.1	233.0	262.3	291.0	320.3	349.0	378.5	407.7	435.8	465.1	493.1
-65°	176.3	202.0	228.4	254.4	279.1	304.3	329.5	354.4	379.7	403.8	426.3
-67.5°	149.2	172.5	195.4	218.1	240.7	261.5	281.2	303.0	324.5	345.7	366.0
-70°	126.4	143.4	163.2	183.3	202.6	220.9	238.9	255.8	271.7	288.5	306.5
-72.5°	104.1	118.9	133.7	148.6	165.3	181.3	196.8	211.8	225.5	238.3	251.2
-75°	84.1	94.2	106.5	119.0	131.1	142.9	154.8	167.8	179.2	189.5	199.2
-77.5°	65.6	73.9	82.2	90.6	98.7	108.2	117.5	126.8	135.2	142.6	149.5
-80°	48.2	53.3	59.6	66.1	71.8	77.5	83.2	88.8	94.5	100.4	106.4
-82.5°	32.9	36.7	40.5	44.1	47.1	49.6	52.3	55.9	60.1	64.2	68.0
-85°	18.5	20.1	22.6	25.0	27.2	29.2	31.0	32.6	34.4	36.1	37.8
-87.5°	9.3	10.0	10.8	11.5	12.2	12.9	13.6	14.2	14.8	15.4	15.9
-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: P559252 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-940-U-MR-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°	16.5	16.3	16.0	15.6	15.2	15.5	15.8	16.0	16.2	17.2	18.2
85°	39.4	41.1	42.9	44.8	46.7	48.0	49.2	50.2	51.1	51.9	52.5
82.5°	71.6	75.4	78.9	82.0	84.9	87.2	89.3	91.1	92.7	94.1	95.2
80°	111.8	116.7	121.2	125.1	128.6	131.5	134.1	136.2	137.8	141.1	144.4
77.5°	156.5	163.5	169.9	175.8	181.1	186.4	191.2	195.7	199.6	202.7	204.8
75°	208.3	217.1	225.9	234.1	241.5	249.1	256.5	263.3	269.4	273.6	276.5
72.5°	264.0	275.9	286.6	296.9	306.1	315.5	324.7	333.0	340.4	346.0	350.4
70°	323.6	339.0	351.6	363.3	374.8	386.5	397.8	407.8	416.3	423.3	429.0
67.5°	385.3	403.0	418.8	434.1	449.5	463.9	477.7	490.5	502.3	511.2	517.1
65°	448.4	471.1	491.9	510.8	527.8	544.1	561.4	577.2	591.6	603.3	612.4
62.5°	519.7	545.5	569.0	590.2	609.2	624.3	640.7	655.6	669.0	681.4	693.8
60°	592.7	621.4	642.1	660.1	676.5	691.1	696.7	702.2	706.7	710.8	715.6
57.5°	656.4	681.0	698.7	702.8	706.4	709.6	707.6	701.9	695.9	689.9	685.2
55°	700.7	707.7	715.6	709.4	699.7	690.5	682.4	676.8	671.6	666.9	662.8
52.5°	712.5	705.8	697.5	688.4	681.7	674.7	667.7	668.9	671.1	672.6	673.6
50°	695.2	687.3	682.8	677.7	678.6	682.1	685.0	691.5	699.8	705.6	710.6
47.5°	681.9	676.7	683.4	691.8	699.8	714.2	727.0	739.5	758.9	774.3	786.6
45°	678.2	690.9	704.0	724.8	743.1	774.8	804.6	829.5	875.8	918.3	951.6
42.5°	697.4	719.2	743.0	783.5	827.2	883.3	955.2	1016.1	1087.4	1153.9	1202.1
40°	729.0	761.2	814.8	879.9	982.1	1072.9	1192.1	1294.1	1390.0	1491.5	1567.9
37.5°	774.4	834.5	934.9	1052.0	1207.0	1355.8	1520.2	1679.8	1815.8	2021.6	2182.6
35°	842.0	963.6	1106.1	1301.8	1504.2	1732.2	1972.6	2282.3	2555.0	2874.9	3175.7
32.5°	965.1	1129.7	1353.1	1617.8	1886.8	2280.3	2651.6	3154.8	3607.0	4171.3	4778.2
30°	1109.2	1354.7	1655.0	2000.6	2487.5	3029.0	3639.4	4411.2	5328.3	6420.3	7885.7
27.5°	1307.8	1623.0	2000.7	2560.9	3251.8	3977.3	5059.7	6357.0	8721.4	10781.8	13512.6
25°	1521.6	1906.6	2503.9	3256.7	4165.9	5472.4	7588.5	10288.1	14112.0	17768.3	20691.2
22.5°	1768.1	2330.6	3084.5	4021.4	5492.8	8022.5	11308.0	16062.3	20326.2	24013.9	26853.9
20°	2041.0	2746.5	3759.8	5191.5	7697.3	11402.2	16676.5	21555.7	25910.7	29085.4	31594.6
17.5°	2394.4	3316.1	4601.8	6577.4	10423.2	16132.2	21569.7	26392.4	30181.7	32970.8	35195.3
15°	2724.4	3840.4	5506.6	8877.4	14126.5	20228.2	25801.7	30103.9	33383.0	35978.4	37978.5
12.5°	3113.9	4429.4	6564.3	10864.4	17531.8	23607.5	28806.5	32823.8	35981.5	38414.4	41094.9
10°	3460.8	5063.0	8079.8	13512.2	20328.2	26263.3	31312.1	34922.3	38088.8	41259.2	45278.6
7.5°	3747.2	5594.8	9322.6	15746.4	22475.2	28227.8	32827.3	36434.6	39924.4	44158.7	49956.2
5°	3974.7	5995.8	10345.0	17433.0	24036.0	29629.9	33984.6	37641.1	41582.9	47247.2	55027.3
2.5°	4126.8	6258.6	10984.1	18452.0	25020.8	30434.1	34842.4	38430.1	42563.0	48976.3	57104.5
0°	4187.3	6379.9	10822.0	18636.7	25080.3	30695.8	34970.3	38725.1	42842.0	49265.5	57485.9
-2.5°	4126.8	6258.6	10984.1	18452.0	25020.8	30434.1	34842.4	38430.1	42563.0	48976.3	57104.5
-5°	3974.7	5995.8	10345.0	17433.0	24036.0	29629.9	33984.6	37641.1	41582.9	47247.2	55027.3
-7.5°	3747.2	5594.8	9322.6	15746.4	22475.2	28227.8	32827.3	36434.6	39924.4	44158.7	49956.2
-10°	3460.8	5063.0	8079.8	13512.2	20328.2	26263.3	31312.1	34922.3	38088.8	41259.2	45278.6
-12.5°	3113.9	4429.4	6564.3	10864.4	17531.8	23607.5	28806.5	32823.8	35981.5	38414.4	41094.9
-15°	2724.4	3840.4	5506.6	8877.4	14126.5	20228.2	25801.7	30103.9	33383.0	35978.4	37978.5
-17.5°	2394.4	3316.1	4601.8	6577.4	10423.2	16132.2	21569.7	26392.4	30181.7	32970.8	35195.3
-20°	2041.0	2746.5	3759.8	5191.5	7697.3	11402.2	16676.5	21555.7	25910.7	29085.4	31594.6



REPORT NUMBER: P559252 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-940-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1768.1	2330.6	3084.5	4021.4	5492.8	8022.5	11308.0	16062.3	20326.2	24013.9	26853.9
-25°	1521.6	1906.6	2503.9	3256.7	4165.9	5472.4	7588.5	10288.1	14112.0	17768.3	20691.2
-27.5°	1307.8	1623.0	2000.7	2560.9	3251.8	3977.3	5059.7	6357.0	8721.4	10781.8	13512.6
-30°	1109.2	1354.7	1655.0	2000.6	2487.5	3029.0	3639.4	4411.2	5328.3	6420.3	7885.7
-32.5°	965.1	1129.7	1353.1	1617.8	1886.8	2280.3	2651.6	3154.8	3607.0	4171.3	4778.2
-35°	842.0	963.6	1106.1	1301.8	1504.2	1732.2	1972.6	2282.3	2555.0	2874.9	3175.7
-37.5°	774.4	834.5	934.9	1052.0	1207.0	1355.8	1520.2	1679.8	1815.8	2021.6	2182.6
-40°	729.0	761.2	814.8	879.9	982.1	1072.9	1192.1	1294.1	1390.0	1491.5	1567.9
-42.5°	697.4	719.2	743.0	783.5	827.2	883.3	955.2	1016.1	1087.4	1153.9	1202.1
-45°	678.2	690.9	704.0	724.8	743.1	774.8	804.6	829.5	875.8	918.3	951.6
-47.5°	681.9	676.7	683.4	691.8	699.8	714.2	727.0	739.5	758.9	774.3	786.6
-50°	695.2	687.3	682.8	677.7	678.6	682.1	685.0	691.5	699.8	705.6	710.6
-52.5°	712.5	705.8	697.5	688.4	681.7	674.7	667.7	668.9	671.1	672.6	673.6
-55°	700.7	707.7	715.6	709.4	699.7	690.5	682.4	676.8	671.6	666.9	662.8
-57.5°	656.4	681.0	698.7	702.8	706.4	709.6	707.6	701.9	695.9	689.9	685.2
-60°	592.7	621.4	642.1	660.1	676.5	691.1	696.7	702.2	706.7	710.8	715.6
-62.5°	519.7	545.5	569.0	590.2	609.2	624.3	640.7	655.6	669.0	681.4	693.8
-65°	448.4	471.1	491.9	510.8	527.8	544.1	561.4	577.2	591.6	603.3	612.4
-67.5°	385.3	403.0	418.8	434.1	449.5	463.9	477.7	490.5	502.3	511.2	517.1
-70°	323.6	339.0	351.6	363.3	374.8	386.5	397.8	407.8	416.3	423.3	429.0
-72.5°	264.0	275.9	286.6	296.9	306.1	315.5	324.7	333.0	340.4	346.0	350.4
-75°	208.3	217.1	225.9	234.1	241.5	249.1	256.5	263.3	269.4	273.6	276.5
-77.5°	156.5	163.5	169.9	175.8	181.1	186.4	191.2	195.7	199.6	202.7	204.8
-80°	111.8	116.7	121.2	125.1	128.6	131.5	134.1	136.2	137.8	141.1	144.4
-82.5°	71.6	75.4	78.9	82.0	84.9	87.2	89.3	91.1	92.7	94.1	95.2
-85°	39.4	41.1	42.9	44.8	46.7	48.0	49.2	50.2	51.1	51.9	52.5
-87.5°	16.5	16.3	16.0	15.6	15.2	15.5	15.8	16.0	16.2	17.2	18.2
-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: P559252 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-940-U-MR-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°	19.1	20.0	20.1	20.1	20.1	20.0	19.1	18.2	17.2	16.2	16.0
85°	53.0	53.3	55.2	57.0	55.2	53.3	53.0	52.5	51.9	51.1	50.2
82.5°	96.1	96.7	97.1	97.2	97.1	96.7	96.1	95.2	94.1	92.7	91.1
80°	147.4	150.0	149.0	147.5	149.0	150.0	147.4	144.4	141.1	137.8	136.2
77.5°	206.2	206.8	206.0	204.5	206.0	206.8	206.2	204.8	202.7	199.6	195.7
75°	278.7	279.9	281.2	281.6	281.2	279.9	278.7	276.5	273.6	269.4	263.3
72.5°	354.0	356.6	356.6	355.4	356.6	356.6	354.0	350.4	346.0	340.4	333.0
70°	433.5	436.6	438.5	439.2	438.5	436.6	433.5	429.0	423.3	416.3	407.8
67.5°	521.2	523.4	525.5	526.3	525.5	523.4	521.2	517.1	511.2	502.3	490.5
65°	620.0	625.9	627.7	626.9	627.7	625.9	620.0	612.4	603.3	591.6	577.2
62.5°	705.2	715.5	719.8	720.8	719.8	715.5	705.2	693.8	681.4	669.0	655.6
60°	719.7	723.1	724.1	724.1	724.1	723.1	719.7	715.6	710.8	706.7	702.2
57.5°	680.8	676.9	674.6	673.9	674.6	676.9	680.8	685.2	689.9	695.9	701.9
55°	659.0	655.6	654.0	653.7	654.0	655.6	659.0	662.8	666.9	671.6	676.8
52.5°	673.8	673.4	674.8	677.2	674.8	673.4	673.8	673.6	672.6	671.1	668.9
50°	714.9	717.9	721.1	724.1	721.1	717.9	714.9	710.6	705.6	699.8	691.5
47.5°	795.5	800.1	802.9	804.6	802.9	800.1	795.5	786.6	774.3	758.9	739.5
45°	973.3	985.0	990.6	992.4	990.6	985.0	973.3	951.6	918.3	875.8	829.5
42.5°	1234.0	1251.6	1259.1	1260.6	1259.1	1251.6	1234.0	1202.1	1153.9	1087.4	1016.1
40°	1622.6	1653.8	1668.9	1679.6	1668.9	1653.8	1622.6	1567.9	1491.5	1390.0	1294.1
37.5°	2303.2	2381.4	2425.8	2464.1	2425.8	2381.4	2303.2	2182.6	2021.6	1815.8	1679.8
35°	3420.3	3599.5	3705.1	3728.0	3705.1	3599.5	3420.3	3175.7	2874.9	2555.0	2282.3
32.5°	5245.3	5596.9	5807.2	5833.4	5807.2	5596.9	5245.3	4778.2	4171.3	3607.0	3154.8
30°	9023.3	10008.4	10683.6	10590.7	10683.6	10008.4	9023.3	7885.7	6420.3	5328.3	4411.2
27.5°	15749.6	17536.0	18696.4	18599.9	18696.4	17536.0	15749.6	13512.6	10781.8	8721.4	6357.0
25°	22938.5	24582.8	25553.4	25911.7	25553.4	24582.8	22938.5	20691.2	17768.3	14112.0	10288.1
22.5°	28808.9	30279.0	31118.6	31621.1	31118.6	30279.0	28808.9	26853.9	24013.9	20326.2	16062.3
20°	33306.8	34581.7	35303.9	35614.0	35303.9	34581.7	33306.8	31594.6	29085.4	25910.7	21555.7
17.5°	36767.1	37834.4	38652.1	38862.6	38652.1	37834.4	36767.1	35195.3	32970.8	30181.7	26392.4
15°	39827.9	41206.6	42170.7	42530.3	42170.7	41206.6	39827.9	37978.5	35978.4	33383.0	30103.9
12.5°	43687.6	46084.8	47359.1	47652.9	47359.1	46084.8	43687.6	41094.9	38414.4	35981.5	32823.8
10°	49392.5	53077.2	53494.7	52923.1	53494.7	53077.2	49392.5	45278.6	41259.2	38088.8	34922.3
7.5°	57701.0	62614.1	61551.7	59782.4	61551.7	62614.1	57701.0	49956.2	44158.7	39924.4	36434.6
5°	63646.6	70468.0	70679.8	69380.7	70679.8	70468.0	63646.6	55027.3	47247.2	41582.9	37641.1
2.5°	66013.7	73035.6	76530.5	77103.3	76530.5	73035.6	66013.7	57104.5	48976.3	42563.0	38430.1
0°	66190.8	73863.0	78006.7	79036.0	78006.7	73863.0	66190.8	57485.9	49265.5	42842.0	38725.1
-2.5°	66013.7	73035.6	76530.5	77103.3	76530.5	73035.6	66013.7	57104.5	48976.3	42563.0	38430.1
-5°	63646.6	70468.0	70679.8	69380.7	70679.8	70468.0	63646.6	55027.3	47247.2	41582.9	37641.1
-7.5°	57701.0	62614.1	61551.7	59782.4	61551.7	62614.1	57701.0	49956.2	44158.7	39924.4	36434.6
-10°	49392.5	53077.2	53494.7	52923.1	53494.7	53077.2	49392.5	45278.6	41259.2	38088.8	34922.3
-12.5°	43687.6	46084.8	47359.1	47652.9	47359.1	46084.8	43687.6	41094.9	38414.4	35981.5	32823.8
-15°	39827.9	41206.6	42170.7	42530.3	42170.7	41206.6	39827.9	37978.5	35978.4	33383.0	30103.9
-17.5°	36767.1	37834.4	38652.1	38862.6	38652.1	37834.4	36767.1	35195.3	32970.8	30181.7	26392.4
-20°	33306.8	34581.7	35303.9	35614.0	35303.9	34581.7	33306.8	31594.6	29085.4	25910.7	21555.7



REPORT NUMBER: P559252 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-940-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	28808.9	30279.0	31118.6	31621.1	31118.6	30279.0	28808.9	26853.9	24013.9	20326.2	16062.3
-25°	22938.5	24582.8	25553.4	25911.7	25553.4	24582.8	22938.5	20691.2	17768.3	14112.0	10288.1
-27.5°	15749.6	17536.0	18696.4	18599.9	18696.4	17536.0	15749.6	13512.6	10781.8	8721.4	6357.0
-30°	9023.3	10008.4	10683.6	10590.7	10683.6	10008.4	9023.3	7885.7	6420.3	5328.3	4411.2
-32.5°	5245.3	5596.9	5807.2	5833.4	5807.2	5596.9	5245.3	4778.2	4171.3	3607.0	3154.8
-35°	3420.3	3599.5	3705.1	3728.0	3705.1	3599.5	3420.3	3175.7	2874.9	2555.0	2282.3
-37.5°	2303.2	2381.4	2425.8	2464.1	2425.8	2381.4	2303.2	2182.6	2021.6	1815.8	1679.8
-40°	1622.6	1653.8	1668.9	1679.6	1668.9	1653.8	1622.6	1567.9	1491.5	1390.0	1294.1
-42.5°	1234.0	1251.6	1259.1	1260.6	1259.1	1251.6	1234.0	1202.1	1153.9	1087.4	1016.1
-45°	973.3	985.0	990.6	992.4	990.6	985.0	973.3	951.6	918.3	875.8	829.5
-47.5°	795.5	800.1	802.9	804.6	802.9	800.1	795.5	786.6	774.3	758.9	739.5
-50°	714.9	717.9	721.1	724.1	721.1	717.9	714.9	710.6	705.6	699.8	691.5
-52.5°	673.8	673.4	674.8	677.2	674.8	673.4	673.8	673.6	672.6	671.1	668.9
-55°	659.0	655.6	654.0	653.7	654.0	655.6	659.0	662.8	666.9	671.6	676.8
-57.5°	680.8	676.9	674.6	673.9	674.6	676.9	680.8	685.2	689.9	695.9	701.9
-60°	719.7	723.1	724.1	724.1	724.1	723.1	719.7	715.6	710.8	706.7	702.2
-62.5°	705.2	715.5	719.8	720.8	719.8	715.5	705.2	693.8	681.4	669.0	655.6
-65°	620.0	625.9	627.7	626.9	627.7	625.9	620.0	612.4	603.3	591.6	577.2
-67.5°	521.2	523.4	525.5	526.3	525.5	523.4	521.2	517.1	511.2	502.3	490.5
-70°	433.5	436.6	438.5	439.2	438.5	436.6	433.5	429.0	423.3	416.3	407.8
-72.5°	354.0	356.6	356.6	355.4	356.6	356.6	354.0	350.4	346.0	340.4	333.0
-75°	278.7	279.9	281.2	281.6	281.2	279.9	278.7	276.5	273.6	269.4	263.3
-77.5°	206.2	206.8	206.0	204.5	206.0	206.8	206.2	204.8	202.7	199.6	195.7
-80°	147.4	150.0	149.0	147.5	149.0	150.0	147.4	144.4	141.1	137.8	136.2
-82.5°	96.1	96.7	97.1	97.2	97.1	96.7	96.1	95.2	94.1	92.7	91.1
-85°	53.0	53.3	55.2	57.0	55.2	53.3	53.0	52.5	51.9	51.1	50.2
-87.5°	19.1	20.0	20.1	20.1	20.1	20.0	19.1	18.2	17.2	16.2	16.0
-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: P559252 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-940-U-MR-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°	15.8	15.5	15.2	15.6	16.0	16.3	16.5	15.9	15.4	14.8	14.2
85°	49.2	48.0	46.7	44.8	42.9	41.1	39.4	37.8	36.1	34.4	32.6
82.5°	89.3	87.2	84.9	82.0	78.9	75.4	71.6	68.0	64.2	60.1	55.9
80°	134.1	131.5	128.6	125.1	121.2	116.7	111.8	106.4	100.4	94.5	88.8
77.5°	191.2	186.4	181.1	175.8	169.9	163.5	156.5	149.5	142.6	135.2	126.8
75°	256.5	249.1	241.5	234.1	225.9	217.1	208.3	199.2	189.5	179.2	167.8
72.5°	324.7	315.5	306.1	296.9	286.6	275.9	264.0	251.2	238.3	225.5	211.8
70°	397.8	386.5	374.8	363.3	351.6	339.0	323.6	306.5	288.5	271.7	255.8
67.5°	477.7	463.9	449.5	434.1	418.8	403.0	385.3	366.0	345.7	324.5	303.0
65°	561.4	544.1	527.8	510.8	491.9	471.1	448.4	426.3	403.8	379.7	354.4
62.5°	640.7	624.3	609.2	590.2	569.0	545.5	519.7	493.1	465.1	435.8	407.7
60°	696.7	691.1	676.5	660.1	642.1	621.4	592.7	562.4	530.5	497.4	462.9
57.5°	707.6	709.6	706.4	702.8	698.7	681.0	656.4	630.4	597.5	559.8	520.4
55°	682.4	690.5	699.7	709.4	715.6	707.7	700.7	684.6	654.8	623.0	580.6
52.5°	667.7	674.7	681.7	688.4	697.5	705.8	712.5	705.0	698.5	671.4	636.0
50°	685.0	682.1	678.6	677.7	682.8	687.3	695.2	704.5	708.5	700.9	681.1
47.5°	727.0	714.2	699.8	691.8	683.4	676.7	681.9	688.9	701.6	711.9	702.4
45°	804.6	774.8	743.1	724.8	704.0	690.9	678.2	680.2	689.0	701.3	714.0
42.5°	955.2	883.3	827.2	783.5	743.0	719.2	697.4	684.5	681.3	690.8	701.7
40°	1192.1	1072.9	982.1	879.9	814.8	761.2	729.0	701.6	688.0	683.9	690.2
37.5°	1520.2	1355.8	1207.0	1052.0	934.9	834.5	774.4	733.2	703.0	687.1	682.4
35°	1972.6	1732.2	1504.2	1301.8	1106.1	963.6	842.0	775.8	730.9	698.8	680.9
32.5°	2651.6	2280.3	1886.8	1617.8	1353.1	1129.7	965.1	837.3	761.9	719.4	691.1
30°	3639.4	3029.0	2487.5	2000.6	1655.0	1354.7	1109.2	934.4	812.3	741.8	703.3
27.5°	5059.7	3977.3	3251.8	2560.9	2000.7	1623.0	1307.8	1046.7	872.3	778.2	722.4
25°	7588.5	5472.4	4165.9	3256.7	2503.9	1906.6	1521.6	1207.6	968.7	816.4	739.5
22.5°	11308.0	8022.5	5492.8	4021.4	3084.5	2330.6	1768.1	1375.4	1059.6	872.9	769.8
20°	16676.5	11402.2	7697.3	5191.5	3759.8	2746.5	2041.0	1564.4	1201.8	948.9	799.7
17.5°	21569.7	16132.2	10423.2	6577.4	4601.8	3316.1	2394.4	1745.8	1324.0	1016.4	826.3
15°	25801.7	20228.2	14126.5	8877.4	5506.6	3840.4	2724.4	1908.8	1439.2	1097.4	876.6
12.5°	28806.5	23607.5	17531.8	10864.4	6564.3	4429.4	3113.9	2170.3	1564.1	1177.3	922.3
10°	31312.1	26263.3	20328.2	13512.2	8079.8	5063.0	3460.8	2389.7	1670.0	1238.8	958.3
7.5°	32827.3	28227.8	22475.2	15746.4	9322.6	5594.8	3747.2	2553.8	1755.0	1282.7	984.8
5°	33984.6	29629.9	24036.0	17433.0	10345.0	5995.8	3974.7	2663.7	1817.0	1309.4	1002.0
2.5°	34842.4	30434.1	25020.8	18452.0	10984.1	6258.6	4126.8	2741.8	1847.7	1333.1	1016.5
0°	34970.3	30695.8	25080.3	18636.7	10822.0	6379.9	4187.3	2789.3	1847.2	1344.4	1022.5
-2.5°	34842.4	30434.1	25020.8	18452.0	10984.1	6258.6	4126.8	2741.8	1847.7	1333.1	1016.5
-5°	33984.6	29629.9	24036.0	17433.0	10345.0	5995.8	3974.7	2663.7	1817.0	1309.4	1002.0
-7.5°	32827.3	28227.8	22475.2	15746.4	9322.6	5594.8	3747.2	2553.8	1755.0	1282.7	984.8
-10°	31312.1	26263.3	20328.2	13512.2	8079.8	5063.0	3460.8	2389.7	1670.0	1238.8	958.3
-12.5°	28806.5	23607.5	17531.8	10864.4	6564.3	4429.4	3113.9	2170.3	1564.1	1177.3	922.3
-15°	25801.7	20228.2	14126.5	8877.4	5506.6	3840.4	2724.4	1908.8	1439.2	1097.4	876.6
-17.5°	21569.7	16132.2	10423.2	6577.4	4601.8	3316.1	2394.4	1745.8	1324.0	1016.4	826.3
-20°	16676.5	11402.2	7697.3	5191.5	3759.8	2746.5	2041.0	1564.4	1201.8	948.9	799.7



REPORT NUMBER: P559252 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-940-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	11308.0	8022.5	5492.8	4021.4	3084.5	2330.6	1768.1	1375.4	1059.6	872.9	769.8
-25°	7588.5	5472.4	4165.9	3256.7	2503.9	1906.6	1521.6	1207.6	968.7	816.4	739.5
-27.5°	5059.7	3977.3	3251.8	2560.9	2000.7	1623.0	1307.8	1046.7	872.3	778.2	722.4
-30°	3639.4	3029.0	2487.5	2000.6	1655.0	1354.7	1109.2	934.4	812.3	741.8	703.3
-32.5°	2651.6	2280.3	1886.8	1617.8	1353.1	1129.7	965.1	837.3	761.9	719.4	691.1
-35°	1972.6	1732.2	1504.2	1301.8	1106.1	963.6	842.0	775.8	730.9	698.8	680.9
-37.5°	1520.2	1355.8	1207.0	1052.0	934.9	834.5	774.4	733.2	703.0	687.1	682.4
-40°	1192.1	1072.9	982.1	879.9	814.8	761.2	729.0	701.6	688.0	683.9	690.2
-42.5°	955.2	883.3	827.2	783.5	743.0	719.2	697.4	684.5	681.3	690.8	701.7
-45°	804.6	774.8	743.1	724.8	704.0	690.9	678.2	680.2	689.0	701.3	714.0
-47.5°	727.0	714.2	699.8	691.8	683.4	676.7	681.9	688.9	701.6	711.9	702.4
-50°	685.0	682.1	678.6	677.7	682.8	687.3	695.2	704.5	708.5	700.9	681.1
-52.5°	667.7	674.7	681.7	688.4	697.5	705.8	712.5	705.0	698.5	671.4	636.0
-55°	682.4	690.5	699.7	709.4	715.6	707.7	700.7	684.6	654.8	623.0	580.6
-57.5°	707.6	709.6	706.4	702.8	698.7	681.0	656.4	630.4	597.5	559.8	520.4
-60°	696.7	691.1	676.5	660.1	642.1	621.4	592.7	562.4	530.5	497.4	462.9
-62.5°	640.7	624.3	609.2	590.2	569.0	545.5	519.7	493.1	465.1	435.8	407.7
-65°	561.4	544.1	527.8	510.8	491.9	471.1	448.4	426.3	403.8	379.7	354.4
-67.5°	477.7	463.9	449.5	434.1	418.8	403.0	385.3	366.0	345.7	324.5	303.0
-70°	397.8	386.5	374.8	363.3	351.6	339.0	323.6	306.5	288.5	271.7	255.8
-72.5°	324.7	315.5	306.1	296.9	286.6	275.9	264.0	251.2	238.3	225.5	211.8
-75°	256.5	249.1	241.5	234.1	225.9	217.1	208.3	199.2	189.5	179.2	167.8
-77.5°	191.2	186.4	181.1	175.8	169.9	163.5	156.5	149.5	142.6	135.2	126.8
-80°	134.1	131.5	128.6	125.1	121.2	116.7	111.8	106.4	100.4	94.5	88.8
-82.5°	89.3	87.2	84.9	82.0	78.9	75.4	71.6	68.0	64.2	60.1	55.9
-85°	49.2	48.0	46.7	44.8	42.9	41.1	39.4	37.8	36.1	34.4	32.6
-87.5°	15.8	15.5	15.2	15.6	16.0	16.3	16.5	15.9	15.4	14.8	14.2
-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: P559252 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-940-U-MR-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°	13.6	12.9	12.2	11.5	10.8	10.0	9.3	8.5	7.7	6.9	6.0
85°	31.0	29.2	27.2	25.0	22.6	20.1	18.5	17.0	15.4	13.7	12.1
82.5°	52.3	49.6	47.1	44.1	40.5	36.7	32.9	29.0	25.1	20.9	18.1
80°	83.2	77.5	71.8	66.1	59.6	53.3	48.2	43.1	38.2	32.9	27.2
77.5°	117.5	108.2	98.7	90.6	82.2	73.9	65.6	57.8	51.2	44.8	37.9
75°	154.8	142.9	131.1	119.0	106.5	94.2	84.1	74.4	65.4	56.7	48.6
72.5°	196.8	181.3	165.3	148.6	133.7	118.9	104.1	90.7	79.9	69.4	59.2
70°	238.9	220.9	202.6	183.3	163.2	143.4	126.4	110.2	94.3	81.9	70.0
67.5°	281.2	261.5	240.7	218.1	195.4	172.5	149.2	130.3	112.4	94.3	80.6
65°	329.5	304.3	279.1	254.4	228.4	202.0	176.3	151.6	130.3	110.2	90.9
62.5°	378.5	349.0	320.3	291.0	262.3	233.0	203.1	176.1	148.7	125.8	103.6
60°	428.7	395.8	361.6	328.7	296.3	264.2	231.6	200.2	170.5	141.1	117.0
57.5°	482.0	443.0	405.2	366.9	330.3	295.1	259.8	224.9	191.7	159.2	130.1
55°	535.8	492.4	449.0	406.9	364.9	325.4	287.3	249.3	212.7	177.7	143.0
52.5°	592.8	542.3	493.6	446.7	401.1	355.8	314.8	272.7	233.5	195.6	158.3
50°	642.0	593.6	538.6	486.8	436.7	388.8	341.9	297.3	253.4	213.0	173.4
47.5°	682.5	636.9	584.2	526.3	472.3	420.8	370.5	321.6	272.5	229.8	187.8
45°	699.9	674.2	624.4	566.5	507.2	452.7	398.8	345.3	293.8	245.9	201.5
42.5°	709.8	693.6	658.4	604.5	543.4	483.8	426.0	369.8	314.6	261.5	214.9
40°	700.2	702.9	685.0	636.5	579.0	513.7	453.1	393.4	334.7	277.4	227.9
37.5°	688.8	700.8	693.6	667.4	611.8	545.1	479.0	415.9	354.0	294.3	240.4
35°	681.8	690.5	702.8	685.3	638.7	575.2	503.7	437.6	372.9	310.2	252.3
32.5°	675.8	682.3	696.0	693.2	664.0	603.9	528.6	458.3	390.6	325.1	263.5
30°	681.2	677.5	688.1	700.3	682.5	626.0	552.9	477.7	407.2	338.9	274.4
27.5°	689.0	672.4	681.2	697.0	688.5	646.0	575.1	495.7	422.7	352.0	285.7
25°	698.3	675.7	676.7	690.6	693.8	664.1	595.4	512.4	437.3	364.5	295.9
22.5°	712.7	681.1	672.1	684.6	698.8	680.7	612.0	529.1	450.7	375.9	305.2
20°	725.5	685.5	667.7	679.0	697.9	684.8	625.6	544.0	462.9	386.2	313.5
17.5°	738.9	692.5	670.3	675.2	693.1	688.5	637.9	557.1	473.6	395.2	320.8
15°	760.7	702.0	673.6	672.0	688.6	691.7	648.7	568.3	482.9	403.1	327.2
12.5°	779.3	709.8	676.0	669.3	684.4	694.4	658.2	577.7	490.8	409.6	332.7
10°	794.3	716.1	677.6	667.1	680.5	696.7	666.1	586.1	497.9	414.8	337.2
7.5°	805.8	720.6	678.5	665.3	677.2	698.5	673.3	594.7	503.8	418.6	340.7
5°	814.2	725.7	680.9	664.4	675.4	699.8	678.7	601.7	508.4	421.1	343.3
2.5°	821.4	732.5	684.4	664.0	674.3	700.5	682.2	606.9	511.4	422.4	344.8
0°	824.7	737.6	687.3	663.8	673.9	700.7	683.9	610.2	512.9	422.4	345.3
-2.5°	821.4	732.5	684.4	664.0	674.3	700.5	682.2	606.9	511.4	422.4	344.8
-5°	814.2	725.7	680.9	664.4	675.4	699.8	678.7	601.7	508.4	421.1	343.3
-7.5°	805.8	720.6	678.5	665.3	677.2	698.5	673.3	594.7	503.8	418.6	340.7
-10°	794.3	716.1	677.6	667.1	680.5	696.7	666.1	586.1	497.9	414.8	337.2
-12.5°	779.3	709.8	676.0	669.3	684.4	694.4	658.2	577.7	490.8	409.6	332.7
-15°	760.7	702.0	673.6	672.0	688.6	691.7	648.7	568.3	482.9	403.1	327.2
-17.5°	738.9	692.5	670.3	675.2	693.1	688.5	637.9	557.1	473.6	395.2	320.8
-20°	725.5	685.5	667.7	679.0	697.9	684.8	625.6	544.0	462.9	386.2	313.5



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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°	712.7	681.1	672.1	684.6	698.8	680.7	612.0	529.1	450.7	375.9	305.2
-25°	698.3	675.7	676.7	690.6	693.8	664.1	595.4	512.4	437.3	364.5	295.9
-27.5°	689.0	672.4	681.2	697.0	688.5	646.0	575.1	495.7	422.7	352.0	285.7
-30°	681.2	677.5	688.1	700.3	682.5	626.0	552.9	477.7	407.2	338.9	274.4
-32.5°	675.8	682.3	696.0	693.2	664.0	603.9	528.6	458.3	390.6	325.1	263.5
-35°	681.8	690.5	702.8	685.3	638.7	575.2	503.7	437.6	372.9	310.2	252.3
-37.5°	688.8	700.8	693.6	667.4	611.8	545.1	479.0	415.9	354.0	294.3	240.4
-40°	700.2	702.9	685.0	636.5	579.0	513.7	453.1	393.4	334.7	277.4	227.9
-42.5°	709.8	693.6	658.4	604.5	543.4	483.8	426.0	369.8	314.6	261.5	214.9
-45°	699.9	674.2	624.4	566.5	507.2	452.7	398.8	345.3	293.8	245.9	201.5
-47.5°	682.5	636.9	584.2	526.3	472.3	420.8	370.5	321.6	272.5	229.8	187.8
-50°	642.0	593.6	538.6	486.8	436.7	388.8	341.9	297.3	253.4	213.0	173.4
-52.5°	592.8	542.3	493.6	446.7	401.1	355.8	314.8	272.7	233.5	195.6	158.3
-55°	535.8	492.4	449.0	406.9	364.9	325.4	287.3	249.3	212.7	177.7	143.0
-57.5°	482.0	443.0	405.2	366.9	330.3	295.1	259.8	224.9	191.7	159.2	130.1
-60°	428.7	395.8	361.6	328.7	296.3	264.2	231.6	200.2	170.5	141.1	117.0
-62.5°	378.5	349.0	320.3	291.0	262.3	233.0	203.1	176.1	148.7	125.8	103.6
-65°	329.5	304.3	279.1	254.4	228.4	202.0	176.3	151.6	130.3	110.2	90.9
-67.5°	281.2	261.5	240.7	218.1	195.4	172.5	149.2	130.3	112.4	94.3	80.6
-70°	238.9	220.9	202.6	183.3	163.2	143.4	126.4	110.2	94.3	81.9	70.0
-72.5°	196.8	181.3	165.3	148.6	133.7	118.9	104.1	90.7	79.9	69.4	59.2
-75°	154.8	142.9	131.1	119.0	106.5	94.2	84.1	74.4	65.4	56.7	48.6
-77.5°	117.5	108.2	98.7	90.6	82.2	73.9	65.6	57.8	51.2	44.8	37.9
-80°	83.2	77.5	71.8	66.1	59.6	53.3	48.2	43.1	38.2	32.9	27.2
-82.5°	52.3	49.6	47.1	44.1	40.5	36.7	32.9	29.0	25.1	20.9	18.1
-85°	31.0	29.2	27.2	25.0	22.6	20.1	18.5	17.0	15.4	13.7	12.1
-87.5°	13.6	12.9	12.2	11.5	10.8	10.0	9.3	8.5	7.7	6.9	6.0
-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°	5.2	4.3	3.5	2.6	1.8	0.9	0.0
85°	10.4	8.7	7.0	5.2	3.5	1.8	0.0
82.5°	15.6	13.0	10.4	7.8	5.2	2.6	0.0
80°	21.2	17.3	13.9	10.4	7.0	3.5	0.0
77.5°	30.6	22.8	17.3	13.0	8.7	4.3	0.0
75°	39.8	30.3	21.2	15.6	10.4	5.2	0.0
72.5°	48.9	37.8	27.0	18.1	12.1	6.0	0.0
70°	57.9	45.1	32.8	20.9	13.7	6.9	0.0
67.5°	66.9	52.3	38.4	25.1	15.4	7.7	0.0
65°	75.9	59.7	43.9	29.1	17.0	8.5	0.0
62.5°	84.8	67.3	49.3	33.1	18.5	9.3	0.0
60°	93.6	74.8	54.6	37.0	20.1	10.0	0.0
57.5°	104.6	82.3	60.6	40.8	22.6	10.8	0.0
55°	115.6	89.5	66.6	44.4	25.1	11.5	0.0
52.5°	126.4	97.0	72.4	47.9	27.5	12.2	0.0
50°	136.8	105.7	78.1	51.3	29.9	12.9	0.0
47.5°	147.2	114.1	83.6	54.8	32.1	13.6	0.0
45°	158.9	122.1	89.0	58.8	34.4	14.2	0.0
42.5°	170.0	129.9	94.2	62.7	36.5	14.8	0.0
40°	180.5	137.3	99.6	66.5	38.5	15.4	0.0
37.5°	190.4	144.3	105.2	70.1	40.5	15.9	0.0
35°	199.6	151.7	110.6	73.5	42.4	16.5	0.0
32.5°	208.4	159.0	115.6	76.6	44.2	17.0	0.0
30°	217.4	165.7	120.3	79.4	45.8	17.4	0.0
27.5°	225.7	171.8	124.3	82.0	47.4	17.8	0.0
25°	233.4	177.4	128.0	84.4	48.9	18.2	0.0
22.5°	240.5	182.4	131.3	86.4	50.3	18.6	0.0
20°	246.8	186.6	134.2	88.3	51.5	18.9	0.0
17.5°	252.5	190.3	136.8	89.8	52.6	19.2	0.0
15°	257.4	193.5	139.0	91.1	53.7	19.4	0.0
12.5°	261.7	196.2	140.8	92.2	54.5	19.6	0.0
10°	265.2	198.3	142.3	93.0	55.3	19.8	0.0
7.5°	268.0	199.8	143.3	93.6	55.9	19.9	0.0
5°	270.0	200.8	144.0	93.9	56.4	20.0	0.0
2.5°	271.2	201.3	144.3	94.0	56.8	20.1	0.0
0°	271.6	201.2	144.2	93.9	57.0	20.1	0.0
-2.5°	271.2	201.3	144.3	94.0	56.8	20.1	0.0
-5°	270.0	200.8	144.0	93.9	56.4	20.0	0.0
-7.5°	268.0	199.8	143.3	93.6	55.9	19.9	0.0
-10°	265.2	198.3	142.3	93.0	55.3	19.8	0.0
-12.5°	261.7	196.2	140.8	92.2	54.5	19.6	0.0
-15°	257.4	193.5	139.0	91.1	53.7	19.4	0.0
-17.5°	252.5	190.3	136.8	89.8	52.6	19.2	0.0
-20°	246.8	186.6	134.2	88.3	51.5	18.9	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	240.5	182.4	131.3	86.4	50.3	18.6	0.0
-25°	233.4	177.4	128.0	84.4	48.9	18.2	0.0
-27.5°	225.7	171.8	124.3	82.0	47.4	17.8	0.0
-30°	217.4	165.7	120.3	79.4	45.8	17.4	0.0
-32.5°	208.4	159.0	115.6	76.6	44.2	17.0	0.0
-35°	199.6	151.7	110.6	73.5	42.4	16.5	0.0
-37.5°	190.4	144.3	105.2	70.1	40.5	15.9	0.0
-40°	180.5	137.3	99.6	66.5	38.5	15.4	0.0
-42.5°	170.0	129.9	94.2	62.7	36.5	14.8	0.0
-45°	158.9	122.1	89.0	58.8	34.4	14.2	0.0
-47.5°	147.2	114.1	83.6	54.8	32.1	13.6	0.0
-50°	136.8	105.7	78.1	51.3	29.9	12.9	0.0
-52.5°	126.4	97.0	72.4	47.9	27.5	12.2	0.0
-55°	115.6	89.5	66.6	44.4	25.1	11.5	0.0
-57.5°	104.6	82.3	60.6	40.8	22.6	10.8	0.0
-60°	93.6	74.8	54.6	37.0	20.1	10.0	0.0
-62.5°	84.8	67.3	49.3	33.1	18.5	9.3	0.0
-65°	75.9	59.7	43.9	29.1	17.0	8.5	0.0
-67.5°	66.9	52.3	38.4	25.1	15.4	7.7	0.0
-70°	57.9	45.1	32.8	20.9	13.7	6.9	0.0
-72.5°	48.9	37.8	27.0	18.1	12.1	6.0	0.0
-75°	39.8	30.3	21.2	15.6	10.4	5.2	0.0
-77.5°	30.6	22.8	17.3	13.0	8.7	4.3	0.0
-80°	21.2	17.3	13.9	10.4	7.0	3.5	0.0
-82.5°	15.6	13.0	10.4	7.8	5.2	2.6	0.0
-85°	10.4	8.7	7.0	5.2	3.5	1.8	0.0
-87.5°	5.2	4.3	3.5	2.6	1.8	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)