

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: P559157 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-940-U-MWR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559157 (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-SA6B-940-U-MWR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQUARE, MEDIUM WIDE SYMMETRICAL ROUND N5  
Light Source: (96) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

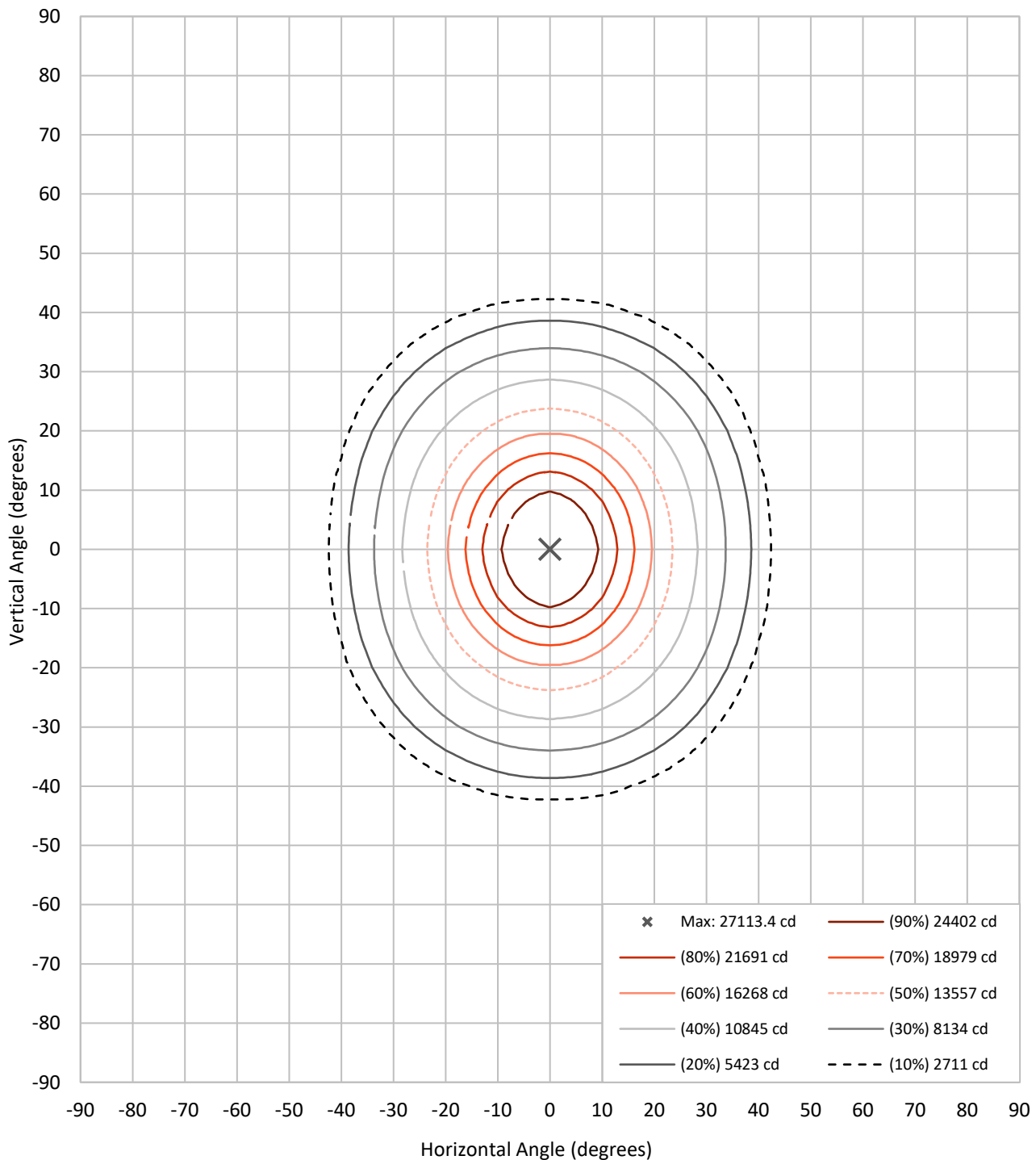
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	21106.3 lumens	Max Intensity:	27113.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	114.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	9959.3 lumens	Field Lumens:	19164.4 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 185  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Candela Plot





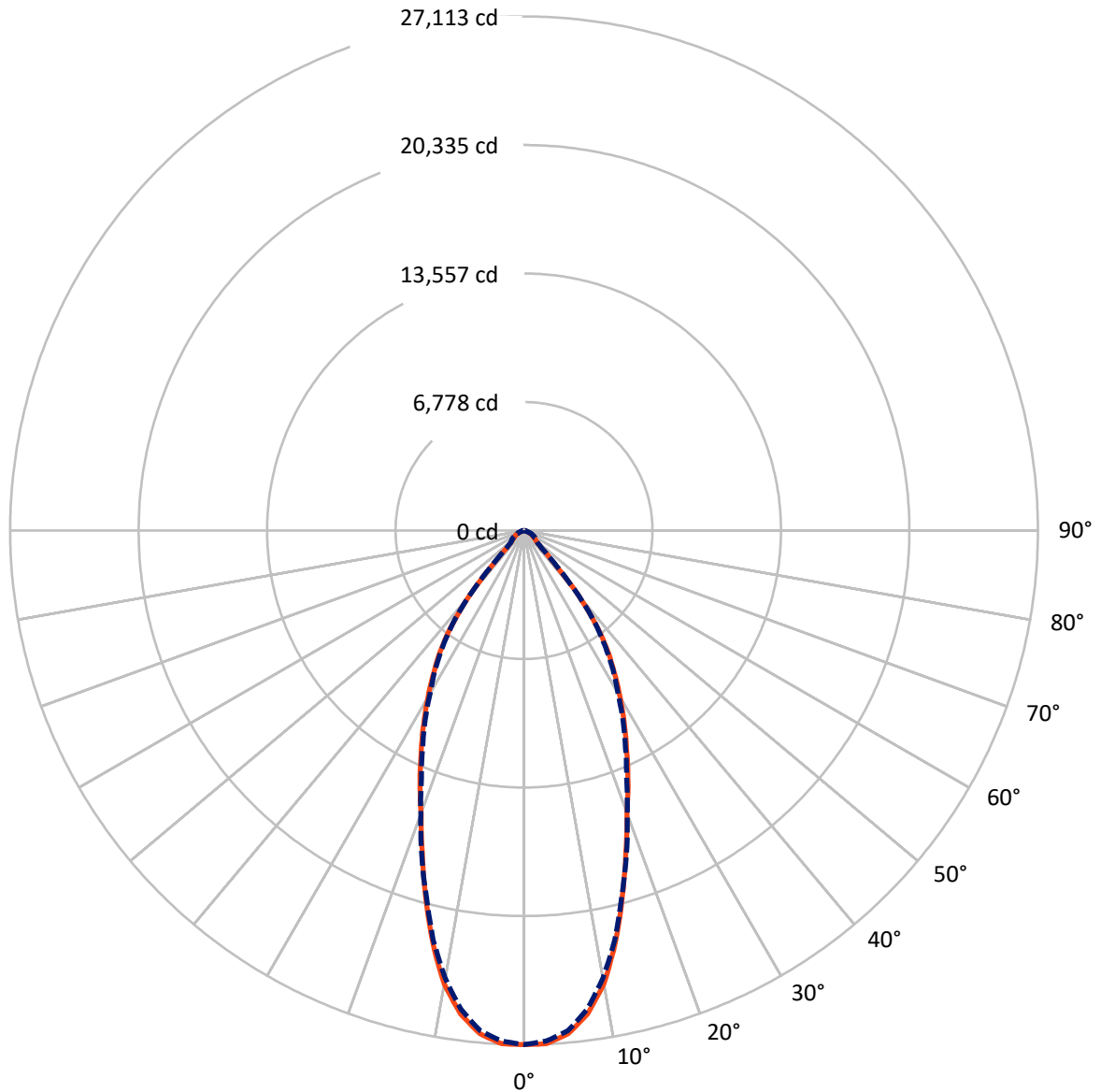
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### Lumen Table

90																
80	0.3	2.6		5.8		9.5		7.4		9.5		5.8		2.6		0.3
70																
60	1.5	1.7	3.1	4.8	6.7	8.4	9.7	10.5	10.5	9.7	8.4	6.7	4.8	3.1	1.7	1.5
50		2.6	5.1	8.5	12.1	15.1	17.3	19.1	19.1	17.3	15.1	12.1	8.5	5.1	2.6	
40	2.2	3.4	7.1	11.9	17.3	23.7	37.5	52.5	52.5	37.5	23.7	17.3	11.9	7.1	3.4	2.2
30		4.1	8.8	14.8	27.8	89.0	173.2	220.7	220.7	173.2	89.0	27.8	14.8	8.8	4.1	
20	2.5	4.8	10.3	18.5	81.3	212.5	313.6	379.7	379.7	313.6	212.5	81.3	18.5	10.3	4.8	2.5
10		5.3	11.5	28.4	147.9	293.3	445.6	580.0	580.0	445.6	293.3	147.9	28.4	11.5	5.3	
0	2.6	5.7	12.4	39.2	180.2	342.2	560.5	758.1	758.1	560.5	342.2	180.2	39.2	12.4	5.7	2.6
-10		5.7	12.4	39.2	180.2	342.2	560.5	758.1	758.1	560.5	342.2	180.2	39.2	12.4	5.7	
-20	2.5	5.3	11.5	28.4	147.9	293.3	445.6	580.0	580.0	445.6	293.3	147.9	28.4	11.5	5.3	2.5
-30		4.8	10.3	18.5	81.3	212.5	313.6	379.7	379.7	313.6	212.5	81.3	18.5	10.3	4.8	
-40	2.2	4.1	8.8	14.8	27.8	89.0	173.2	220.7	220.7	173.2	89.0	27.8	14.8	8.8	4.1	2.2
-50		3.4	7.1	11.9	17.3	23.7	37.5	52.5	52.5	37.5	23.7	17.3	11.9	7.1	3.4	
-60	1.5	2.6	5.1	8.5	12.1	15.1	17.3	19.1	19.1	17.3	15.1	12.1	8.5	5.1	2.6	1.5
-70		1.7	3.1	4.8	6.7	8.4	9.7	10.5	10.5	9.7	8.4	6.7	4.8	3.1	1.7	
-80																
-90	0.3	2.6		5.8		9.5		7.4		9.5		5.8		2.6		0.3

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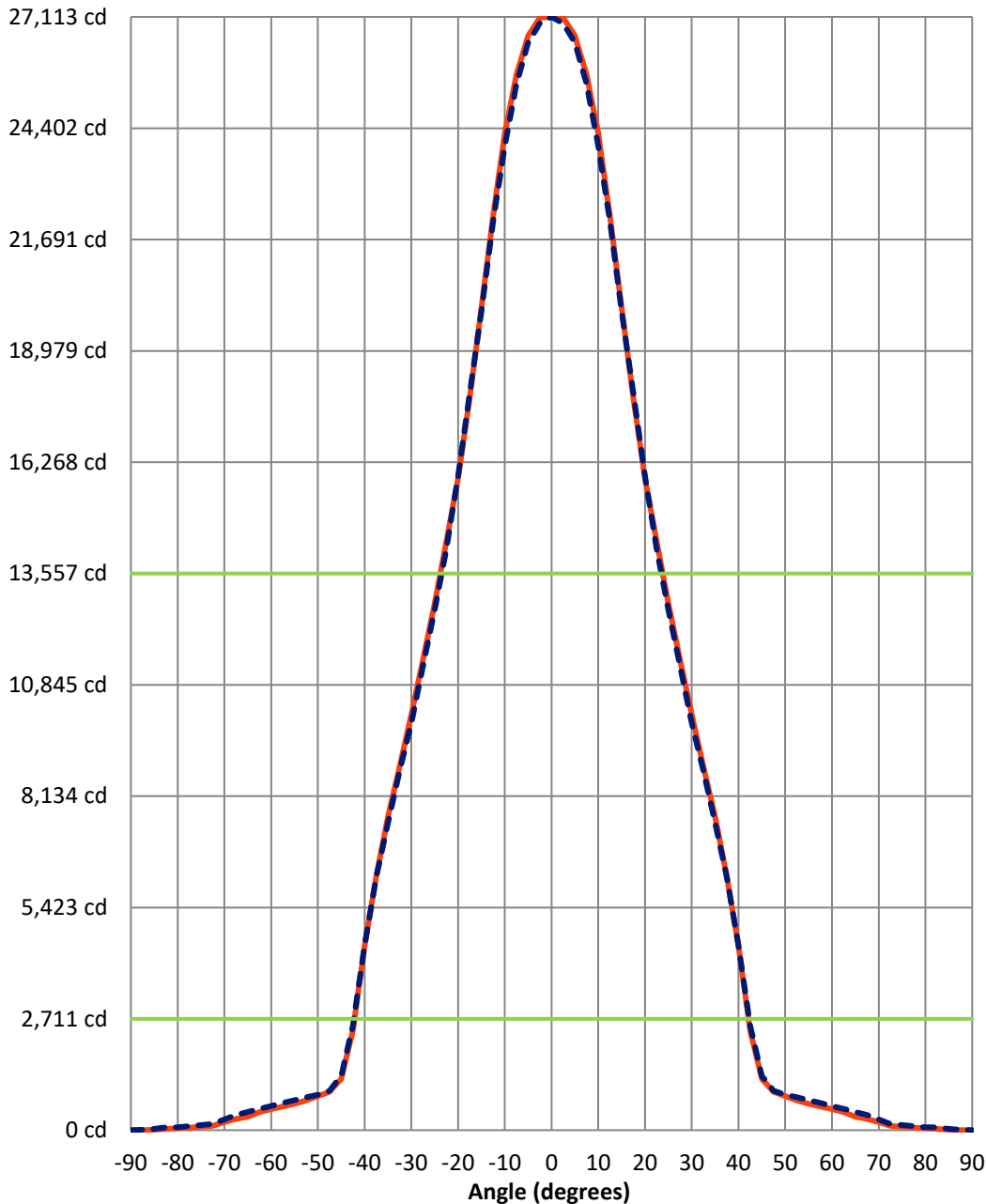
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 47°  
V Angle: 47.6°  
Lumens: 9959.3  
Efficiency: 47.2%

**Field:**  
H Angle: 84.6°  
V Angle: 84.3°  
Lumens: 19164.4  
Efficiency: 90.8%

**Spill:**  
Lumens: 1941.8  
Efficiency: 9.2%

— Vertical Distribution through 0-Deg  
- - Horizontal Distribution through 0-Deg



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.4	0.9	1.5	2.1	2.9	3.7	4.1	4.5	4.9	5.2
85°	0.0	0.9	1.8	2.9	4.2	5.7	7.3	8.2	9.0	9.7	10.3
82.5°	0.0	1.3	2.7	4.4	6.3	8.5	11.0	12.4	13.9	16.7	18.8
80°	0.0	1.8	3.5	5.8	8.4	11.3	15.2	20.1	24.1	27.1	29.2
77.5°	0.0	2.2	4.4	7.2	10.4	15.4	23.8	29.8	34.2	37.5	40.5
75°	0.0	2.6	5.3	8.6	13.0	22.1	32.3	39.5	44.7	50.3	54.6
72.5°	0.0	3.1	6.1	10.0	17.8	28.5	40.7	49.8	57.7	64.0	68.8
70°	0.0	3.5	7.0	11.6	22.4	34.8	49.0	61.9	70.8	78.0	89.2
67.5°	0.0	3.9	7.8	14.8	27.0	40.9	58.6	74.0	83.9	95.5	110.3
65°	0.0	4.3	8.6	17.9	31.4	47.4	67.8	86.2	97.7	112.3	130.1
62.5°	0.0	4.7	9.4	20.8	35.6	54.3	76.7	97.1	110.8	128.6	148.4
60°	0.0	5.1	10.2	23.7	39.7	60.9	85.1	107.1	123.3	145.0	166.5
57.5°	0.0	5.5	12.0	26.4	44.3	67.1	90.8	116.0	137.2	161.2	182.3
55°	0.0	5.8	13.7	29.0	48.7	72.9	95.6	122.4	151.4	176.4	196.8
52.5°	0.0	6.2	15.4	31.5	52.8	77.9	99.7	131.2	165.3	189.4	211.1
50°	0.0	6.6	17.0	33.8	56.7	80.4	103.2	139.4	178.1	202.0	226.9
47.5°	0.0	6.9	18.6	36.1	60.2	82.4	106.3	146.7	189.1	214.3	242.3
45°	0.0	7.2	20.0	38.5	63.5	83.9	111.5	152.8	194.7	227.6	257.2
42.5°	0.0	7.5	21.5	40.7	66.4	84.9	115.8	157.2	199.0	240.3	272.3
40°	0.0	7.8	22.8	43.0	68.0	85.3	119.4	160.1	202.8	251.6	287.0
37.5°	0.0	8.1	24.0	45.4	68.2	85.3	122.2	162.1	207.0	257.1	301.0
35°	0.0	8.4	25.2	47.8	68.1	86.4	124.1	163.2	210.5	265.4	314.6
32.5°	0.0	8.6	26.3	50.1	67.7	87.7	125.1	163.5	213.3	275.4	326.9
30°	0.0	8.8	27.3	52.3	67.0	88.5	125.0	163.5	215.4	287.0	339.0
27.5°	0.0	9.0	28.2	54.4	67.7	88.8	124.3	164.5	219.6	300.1	350.8
25°	0.0	9.2	29.1	56.4	68.5	88.5	122.9	165.0	228.5	311.1	362.5
22.5°	0.0	9.4	29.8	58.4	69.1	88.7	120.9	164.8	237.7	320.1	376.8
20°	0.0	9.6	30.5	60.2	69.7	91.0	118.4	163.9	247.0	328.5	389.8
17.5°	0.0	9.7	31.1	61.8	70.1	93.0	118.6	162.4	256.3	336.3	401.4
15°	0.0	9.9	31.6	63.4	70.5	94.8	120.3	161.9	265.2	343.4	411.6
12.5°	0.0	10.0	31.9	64.8	70.8	96.3	121.8	162.6	271.3	349.7	420.4
10°	0.0	10.0	32.3	66.0	70.9	97.5	122.9	162.2	273.9	355.0	427.8
7.5°	0.0	10.1	32.5	67.1	71.1	98.5	123.7	160.9	274.1	360.1	434.1
5°	0.0	10.2	32.6	68.0	71.2	99.1	124.2	158.8	272.2	364.7	438.8
2.5°	0.0	10.2	32.6	68.7	71.2	99.6	124.3	156.0	268.4	368.3	442.0
0°	0.0	10.2	32.6	69.2	71.2	99.7	124.2	152.7	262.6	370.5	443.7
-2.5°	0.0	10.2	32.6	68.7	71.2	99.6	124.3	156.0	268.4	368.3	442.0
-5°	0.0	10.2	32.6	68.0	71.2	99.1	124.2	158.8	272.2	364.7	438.8
-7.5°	0.0	10.1	32.5	67.1	71.1	98.5	123.7	160.9	274.1	360.1	434.1
-10°	0.0	10.0	32.3	66.0	70.9	97.5	122.9	162.2	273.9	355.0	427.8
-12.5°	0.0	10.0	31.9	64.8	70.8	96.3	121.8	162.6	271.3	349.7	420.4
-15°	0.0	9.9	31.6	63.4	70.5	94.8	120.3	161.9	265.2	343.4	411.6
-17.5°	0.0	9.7	31.1	61.8	70.1	93.0	118.6	162.4	256.3	336.3	401.4
-20°	0.0	9.6	30.5	60.2	69.7	91.0	118.4	163.9	247.0	328.5	389.8



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 CATALOG NUMBER: GFLD-SA6B-940-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	9.4	29.8	58.4	69.1	88.7	120.9	164.8	237.7	320.1	376.8
-25°	0.0	9.2	29.1	56.4	68.5	88.5	122.9	165.0	228.5	311.1	362.5
-27.5°	0.0	9.0	28.2	54.4	67.7	88.8	124.3	164.5	219.6	300.1	350.8
-30°	0.0	8.8	27.3	52.3	67.0	88.5	125.0	163.5	215.4	287.0	339.0
-32.5°	0.0	8.6	26.3	50.1	67.7	87.7	125.1	163.5	213.3	275.4	326.9
-35°	0.0	8.4	25.2	47.8	68.1	86.4	124.1	163.2	210.5	265.4	314.6
-37.5°	0.0	8.1	24.0	45.4	68.2	85.3	122.2	162.1	207.0	257.1	301.0
-40°	0.0	7.8	22.8	43.0	68.0	85.3	119.4	160.1	202.8	251.6	287.0
-42.5°	0.0	7.5	21.5	40.7	66.4	84.9	115.8	157.2	199.0	240.3	272.3
-45°	0.0	7.2	20.0	38.5	63.5	83.9	111.5	152.8	194.7	227.6	257.2
-47.5°	0.0	6.9	18.6	36.1	60.2	82.4	106.3	146.7	189.1	214.3	242.3
-50°	0.0	6.6	17.0	33.8	56.7	80.4	103.2	139.4	178.1	202.0	226.9
-52.5°	0.0	6.2	15.4	31.5	52.8	77.9	99.7	131.2	165.3	189.4	211.1
-55°	0.0	5.8	13.7	29.0	48.7	72.9	95.6	122.4	151.4	176.4	196.8
-57.5°	0.0	5.5	12.0	26.4	44.3	67.1	90.8	116.0	137.2	161.2	182.3
-60°	0.0	5.1	10.2	23.7	39.7	60.9	85.1	107.1	123.3	145.0	166.5
-62.5°	0.0	4.7	9.4	20.8	35.6	54.3	76.7	97.1	110.8	128.6	148.4
-65°	0.0	4.3	8.6	17.9	31.4	47.4	67.8	86.2	97.7	112.3	130.1
-67.5°	0.0	3.9	7.8	14.8	27.0	40.9	58.6	74.0	83.9	95.5	110.3
-70°	0.0	3.5	7.0	11.6	22.4	34.8	49.0	61.9	70.8	78.0	89.2
-72.5°	0.0	3.1	6.1	10.0	17.8	28.5	40.7	49.8	57.7	64.0	68.8
-75°	0.0	2.6	5.3	8.6	13.0	22.1	32.3	39.5	44.7	50.3	54.6
-77.5°	0.0	2.2	4.4	7.2	10.4	15.4	23.8	29.8	34.2	37.5	40.5
-80°	0.0	1.8	3.5	5.8	8.4	11.3	15.2	20.1	24.1	27.1	29.2
-82.5°	0.0	1.3	2.7	4.4	6.3	8.5	11.0	12.4	13.9	16.7	18.8
-85°	0.0	0.9	1.8	2.9	4.2	5.7	7.3	8.2	9.0	9.7	10.3
-87.5°	0.0	0.4	0.9	1.5	2.1	2.9	3.7	4.1	4.5	4.9	5.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**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°	5.2	5.1	4.9	4.7	4.3	3.9	3.5	2.9	3.0	3.1	3.3
85°	10.3	10.2	11.0	11.7	12.0	12.0	11.6	10.9	12.5	14.3	16.3
82.5°	20.6	22.4	24.1	25.8	25.8	25.3	24.4	23.4	26.9	31.3	36.0
80°	31.8	34.6	38.6	42.7	43.8	43.4	42.0	39.7	44.7	51.9	60.1
77.5°	45.5	51.1	56.7	62.2	63.7	62.5	59.8	55.6	61.9	73.6	86.6
75°	60.5	67.5	76.3	83.3	84.8	82.3	78.2	74.6	82.2	96.8	110.7
72.5°	79.0	90.4	99.2	105.3	105.7	103.5	101.5	99.6	108.1	125.3	139.6
70°	102.6	114.1	120.9	124.6	125.4	126.8	132.6	138.1	146.6	161.3	173.0
67.5°	126.1	135.2	141.3	145.7	154.5	162.8	170.8	179.0	188.5	201.0	209.9
65°	146.9	156.3	164.4	174.9	187.7	197.7	208.4	220.1	233.1	244.8	253.4
62.5°	167.5	177.5	188.9	202.8	217.7	231.2	247.0	263.0	278.6	291.9	306.4
60°	184.5	197.9	213.1	229.9	247.7	268.3	287.2	305.8	322.8	339.4	360.0
57.5°	200.6	218.8	237.3	257.4	280.9	306.0	328.1	348.5	369.8	393.9	414.1
55°	217.5	240.3	261.7	286.0	313.9	344.1	368.4	391.4	417.7	446.7	469.3
52.5°	235.8	261.0	286.0	315.3	348.9	379.0	404.4	433.0	465.0	496.4	522.6
50°	253.5	281.3	310.4	347.5	381.0	409.7	441.2	475.7	509.0	541.4	572.4
47.5°	271.3	301.1	339.7	377.7	409.0	442.6	479.4	514.9	549.9	583.6	616.1
45°	288.8	324.1	367.1	403.1	437.9	476.5	514.5	551.7	588.6	624.4	659.8
42.5°	305.7	346.7	390.0	427.7	467.7	508.1	547.8	587.2	626.1	664.5	702.2
40°	324.2	367.4	412.9	454.0	495.8	537.9	579.7	621.3	662.4	703.0	743.1
37.5°	341.2	388.8	436.1	479.2	522.2	566.3	610.1	654.2	697.5	739.8	785.5
35°	356.4	410.4	458.2	503.3	548.4	593.1	639.6	685.9	731.5	777.4	835.6
32.5°	373.5	432.1	479.0	526.6	573.3	619.4	667.6	716.6	765.1	818.8	902.5
30°	392.7	450.3	498.7	548.8	596.7	645.0	694.9	746.1	797.1	880.6	1073.8
27.5°	411.5	467.0	517.9	569.2	618.5	668.7	720.9	773.9	845.0	973.5	1286.8
25°	428.8	483.1	536.0	587.9	638.7	690.8	744.8	799.8	896.4	1155.9	1848.0
22.5°	443.5	498.5	553.6	605.0	657.0	710.9	767.0	840.1	989.3	1340.0	2472.5
20°	455.9	513.3	569.5	623.0	674.2	728.7	787.1	878.4	1130.5	1865.6	3220.8
17.5°	467.5	526.7	584.3	640.1	693.9	747.3	807.2	911.5	1257.5	2322.5	3973.3
15°	478.2	538.7	598.0	656.1	711.8	767.5	839.0	1005.4	1514.5	2776.0	4643.5
12.5°	487.8	549.3	610.5	671.0	727.9	785.5	867.6	1098.8	1829.2	3308.1	5100.9
10°	496.2	558.3	621.6	684.5	742.2	801.3	891.8	1175.4	2088.0	3745.7	5468.6
7.5°	504.0	567.0	632.0	696.5	754.5	814.8	911.5	1235.2	2287.9	4075.2	5761.9
5°	510.5	575.6	644.2	709.6	769.9	829.6	928.4	1278.2	2428.3	4297.3	5975.5
2.5°	515.6	582.7	654.8	721.2	786.9	847.5	947.7	1310.0	2518.8	4438.8	6112.2
0°	519.1	588.3	663.6	730.8	802.0	863.1	962.8	1325.1	2552.6	4490.4	6163.6
-2.5°	515.6	582.7	654.8	721.2	786.9	847.5	947.7	1310.0	2518.8	4438.8	6112.2
-5°	510.5	575.6	644.2	709.6	769.9	829.6	928.4	1278.2	2428.3	4297.3	5975.5
-7.5°	504.0	567.0	632.0	696.5	754.5	814.8	911.5	1235.2	2287.9	4075.2	5761.9
-10°	496.2	558.3	621.6	684.5	742.2	801.3	891.8	1175.4	2088.0	3745.7	5468.6
-12.5°	487.8	549.3	610.5	671.0	727.9	785.5	867.6	1098.8	1829.2	3308.1	5100.9
-15°	478.2	538.7	598.0	656.1	711.8	767.5	839.0	1005.4	1514.5	2776.0	4643.5
-17.5°	467.5	526.7	584.3	640.1	693.9	747.3	807.2	911.5	1257.5	2322.5	3973.3
-20°	455.9	513.3	569.5	623.0	674.2	728.7	787.1	878.4	1130.5	1865.6	3220.8



REPORT NUMBER: P559157 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-940-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	443.5	498.5	553.6	605.0	657.0	710.9	767.0	840.1	989.3	1340.0	2472.5
-25°	428.8	483.1	536.0	587.9	638.7	690.8	744.8	799.8	896.4	1155.9	1848.0
-27.5°	411.5	467.0	517.9	569.2	618.5	668.7	720.9	773.9	845.0	973.5	1286.8
-30°	392.7	450.3	498.7	548.8	596.7	645.0	694.9	746.1	797.1	880.6	1073.8
-32.5°	373.5	432.1	479.0	526.6	573.3	619.4	667.6	716.6	765.1	818.8	902.5
-35°	356.4	410.4	458.2	503.3	548.4	593.1	639.6	685.9	731.5	777.4	835.6
-37.5°	341.2	388.8	436.1	479.2	522.2	566.3	610.1	654.2	697.5	739.8	785.5
-40°	324.2	367.4	412.9	454.0	495.8	537.9	579.7	621.3	662.4	703.0	743.1
-42.5°	305.7	346.7	390.0	427.7	467.7	508.1	547.8	587.2	626.1	664.5	702.2
-45°	288.8	324.1	367.1	403.1	437.9	476.5	514.5	551.7	588.6	624.4	659.8
-47.5°	271.3	301.1	339.7	377.7	409.0	442.6	479.4	514.9	549.9	583.6	616.1
-50°	253.5	281.3	310.4	347.5	381.0	409.7	441.2	475.7	509.0	541.4	572.4
-52.5°	235.8	261.0	286.0	315.3	348.9	379.0	404.4	433.0	465.0	496.4	522.6
-55°	217.5	240.3	261.7	286.0	313.9	344.1	368.4	391.4	417.7	446.7	469.3
-57.5°	200.6	218.8	237.3	257.4	280.9	306.0	328.1	348.5	369.8	393.9	414.1
-60°	184.5	197.9	213.1	229.9	247.7	268.3	287.2	305.8	322.8	339.4	360.0
-62.5°	167.5	177.5	188.9	202.8	217.7	231.2	247.0	263.0	278.6	291.9	306.4
-65°	146.9	156.3	164.4	174.9	187.7	197.7	208.4	220.1	233.1	244.8	253.4
-67.5°	126.1	135.2	141.3	145.7	154.5	162.8	170.8	179.0	188.5	201.0	209.9
-70°	102.6	114.1	120.9	124.6	125.4	126.8	132.6	138.1	146.6	161.3	173.0
-72.5°	79.0	90.4	99.2	105.3	105.7	103.5	101.5	99.6	108.1	125.3	139.6
-75°	60.5	67.5	76.3	83.3	84.8	82.3	78.2	74.6	82.2	96.8	110.7
-77.5°	45.5	51.1	56.7	62.2	63.7	62.5	59.8	55.6	61.9	73.6	86.6
-80°	31.8	34.6	38.6	42.7	43.8	43.4	42.0	39.7	44.7	51.9	60.1
-82.5°	20.6	22.4	24.1	25.8	25.8	25.3	24.4	23.4	26.9	31.3	36.0
-85°	10.3	10.2	11.0	11.7	12.0	12.0	11.6	10.9	12.5	14.3	16.3
-87.5°	5.2	5.1	4.9	4.7	4.3	3.9	3.5	2.9	3.0	3.1	3.3
-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: P559157 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-940-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9	4.0	3.5	3.0
85°	18.3	17.8	16.8	15.6	14.1	14.8	15.7	16.5	17.3	16.2	14.9
82.5°	41.0	41.6	41.6	41.5	41.3	43.1	44.8	46.3	47.5	43.9	39.7
80°	69.1	72.5	74.4	76.1	77.7	77.7	76.7	74.8	72.3	66.1	59.3
77.5°	99.9	105.1	107.7	110.4	113.0	114.0	114.6	115.3	116.0	105.3	91.6
75°	124.0	131.7	136.2	140.3	144.2	146.4	147.6	148.4	148.7	135.7	119.1
72.5°	151.2	158.8	164.1	169.3	174.1	177.2	179.0	180.4	181.4	170.1	154.1
70°	181.3	187.2	193.7	200.0	205.9	209.9	212.6	214.7	216.3	215.2	214.3
67.5°	216.9	222.1	229.9	236.0	242.2	246.5	251.1	254.7	257.4	260.4	263.8
65°	261.5	274.0	285.4	291.2	292.0	298.3	308.6	315.3	318.6	321.3	324.6
62.5°	323.3	338.6	346.8	356.5	369.1	380.7	385.2	391.3	398.4	407.1	417.1
60°	376.5	389.2	402.2	415.6	427.2	436.8	447.3	457.7	467.2	475.9	484.4
57.5°	430.8	444.7	457.9	473.7	484.7	491.2	501.4	513.9	523.5	531.0	542.4
55°	487.2	505.0	523.0	537.2	547.6	554.5	562.3	574.3	581.4	584.2	597.3
52.5°	543.7	564.9	587.1	603.8	614.8	625.1	634.6	645.2	652.4	655.9	668.8
50°	596.2	621.4	646.2	667.8	682.5	699.6	718.9	728.5	734.6	741.4	755.8
47.5°	646.1	674.2	700.8	725.3	746.5	765.7	782.3	798.3	821.9	840.6	859.1
45°	694.1	724.1	752.9	780.4	804.0	841.5	877.2	907.6	988.8	1057.1	1109.2
42.5°	739.2	775.5	807.9	853.7	903.7	990.3	1123.9	1247.7	1487.4	1795.9	2053.5
40°	786.3	833.3	891.3	980.6	1149.7	1323.4	1842.8	2305.7	2761.0	3278.8	3722.5
37.5°	841.3	912.0	1082.1	1284.0	1825.9	2425.3	3161.5	3884.1	4513.4	5051.8	5501.3
35°	914.1	1132.7	1450.5	2186.0	2986.6	3969.4	4817.9	5497.5	6119.1	6618.0	6993.5
32.5°	1128.6	1528.6	2368.1	3379.7	4480.9	5430.4	6256.8	6907.5	7474.6	7921.7	8269.8
30°	1442.6	2361.9	3502.2	4713.7	5810.5	6717.1	7480.7	8101.0	8607.2	9062.1	9444.0
27.5°	2188.8	3371.8	4712.0	5947.7	6945.4	7794.1	8479.2	9093.6	9651.6	10130.7	10582.3
25°	3005.3	4469.9	5821.6	6946.3	7877.4	8673.7	9396.2	10068.3	10693.0	11253.7	11779.0
22.5°	3986.0	5446.6	6738.5	7779.4	8681.7	9499.7	10267.1	11015.0	11742.3	12426.5	13062.1
20°	4873.9	6307.4	7433.9	8473.5	9410.9	10263.3	11109.0	11980.8	12820.1	13644.2	14409.5
17.5°	5565.8	6899.4	8030.4	9084.1	10038.2	11003.6	11971.5	12972.8	13985.1	14942.2	15857.7
15°	6143.6	7393.2	8539.4	9593.0	10642.1	11707.1	12788.4	13968.0	15172.2	16317.8	17484.7
12.5°	6553.2	7805.3	8967.3	10024.4	11200.7	12356.8	13615.5	14959.9	16350.6	17685.0	19118.3
10°	6882.4	8134.1	9286.3	10426.2	11670.9	12952.9	14364.7	15845.4	17504.9	19085.0	20629.3
7.5°	7165.0	8408.4	9542.6	10753.7	12062.2	13471.3	15006.7	16680.8	18476.6	20234.9	22073.2
5°	7371.7	8595.3	9741.7	11022.3	12363.1	13850.1	15501.9	17290.7	19216.7	21143.2	22961.1
2.5°	7481.1	8701.9	9865.6	11188.9	12539.5	14079.5	15799.9	17695.9	19730.3	21832.4	23624.8
0°	7478.6	8746.7	9913.1	11301.3	12669.2	14149.0	15928.1	17955.5	19940.1	22124.3	23964.4
-2.5°	7481.1	8701.9	9865.6	11188.9	12539.5	14079.5	15799.9	17695.9	19730.3	21832.4	23624.8
-5°	7371.7	8595.3	9741.7	11022.3	12363.1	13850.1	15501.9	17290.7	19216.7	21143.2	22961.1
-7.5°	7165.0	8408.4	9542.6	10753.7	12062.2	13471.3	15006.7	16680.8	18476.6	20234.9	22073.2
-10°	6882.4	8134.1	9286.3	10426.2	11670.9	12952.9	14364.7	15845.4	17504.9	19085.0	20629.3
-12.5°	6553.2	7805.3	8967.3	10024.4	11200.7	12356.8	13615.5	14959.9	16350.6	17685.0	19118.3
-15°	6143.6	7393.2	8539.4	9593.0	10642.1	11707.1	12788.4	13968.0	15172.2	16317.8	17484.7
-17.5°	5565.8	6899.4	8030.4	9084.1	10038.2	11003.6	11971.5	12972.8	13985.1	14942.2	15857.7
-20°	4873.9	6307.4	7433.9	8473.5	9410.9	10263.3	11109.0	11980.8	12820.1	13644.2	14409.5



REPORT NUMBER: P559157 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-940-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3986.0	5446.6	6738.5	7779.4	8681.7	9499.7	10267.1	11015.0	11742.3	12426.5	13062.1
-25°	3005.3	4469.9	5821.6	6946.3	7877.4	8673.7	9396.2	10068.3	10693.0	11253.7	11779.0
-27.5°	2188.8	3371.8	4712.0	5947.7	6945.4	7794.1	8479.2	9093.6	9651.6	10130.7	10582.3
-30°	1442.6	2361.9	3502.2	4713.7	5810.5	6717.1	7480.7	8101.0	8607.2	9062.1	9444.0
-32.5°	1128.6	1528.6	2368.1	3379.7	4480.9	5430.4	6256.8	6907.5	7474.6	7921.7	8269.8
-35°	914.1	1132.7	1450.5	2186.0	2986.6	3969.4	4817.9	5497.5	6119.1	6618.0	6993.5
-37.5°	841.3	912.0	1082.1	1284.0	1825.9	2425.3	3161.5	3884.1	4513.4	5051.8	5501.3
-40°	786.3	833.3	891.3	980.6	1149.7	1323.4	1842.8	2305.7	2761.0	3278.8	3722.5
-42.5°	739.2	775.5	807.9	853.7	903.7	990.3	1123.9	1247.7	1487.4	1795.9	2053.5
-45°	694.1	724.1	752.9	780.4	804.0	841.5	877.2	907.6	988.8	1057.1	1109.2
-47.5°	646.1	674.2	700.8	725.3	746.5	765.7	782.3	798.3	821.9	840.6	859.1
-50°	596.2	621.4	646.2	667.8	682.5	699.6	718.9	728.5	734.6	741.4	755.8
-52.5°	543.7	564.9	587.1	603.8	614.8	625.1	634.6	645.2	652.4	655.9	668.8
-55°	487.2	505.0	523.0	537.2	547.6	554.5	562.3	574.3	581.4	584.2	597.3
-57.5°	430.8	444.7	457.9	473.7	484.7	491.2	501.4	513.9	523.5	531.0	542.4
-60°	376.5	389.2	402.2	415.6	427.2	436.8	447.3	457.7	467.2	475.9	484.4
-62.5°	323.3	338.6	346.8	356.5	369.1	380.7	385.2	391.3	398.4	407.1	417.1
-65°	261.5	274.0	285.4	291.2	292.0	298.3	308.6	315.3	318.6	321.3	324.6
-67.5°	216.9	222.1	229.9	236.0	242.2	246.5	251.1	254.7	257.4	260.4	263.8
-70°	181.3	187.2	193.7	200.0	205.9	209.9	212.6	214.7	216.3	215.2	214.3
-72.5°	151.2	158.8	164.1	169.3	174.1	177.2	179.0	180.4	181.4	170.1	154.1
-75°	124.0	131.7	136.2	140.3	144.2	146.4	147.6	148.4	148.7	135.7	119.1
-77.5°	99.9	105.1	107.7	110.4	113.0	114.0	114.6	115.3	116.0	105.3	91.6
-80°	69.1	72.5	74.4	76.1	77.7	77.7	76.7	74.8	72.3	66.1	59.3
-82.5°	41.0	41.6	41.6	41.5	41.3	43.1	44.8	46.3	47.5	43.9	39.7
-85°	18.3	17.8	16.8	15.6	14.1	14.8	15.7	16.5	17.3	16.2	14.9
-87.5°	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9	4.0	3.5	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: P559157 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-940-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.5	4.0	3.9
85°	13.5	12.1	12.2	12.2	12.2	12.1	13.5	14.9	16.2	17.3	16.5
82.5°	35.2	30.4	30.4	30.5	30.4	30.4	35.2	39.7	43.9	47.5	46.3
80°	52.2	44.8	45.7	46.8	45.7	44.8	52.2	59.3	66.1	72.3	74.8
77.5°	76.9	61.5	61.0	61.1	61.0	61.5	76.9	91.6	105.3	116.0	115.3
75°	101.9	84.2	83.4	83.5	83.4	84.2	101.9	119.1	135.7	148.7	148.4
72.5°	137.7	120.8	113.1	105.8	113.1	120.8	137.7	154.1	170.1	181.4	180.4
70°	214.5	215.0	207.5	197.4	207.5	215.0	214.5	214.3	215.2	216.3	214.7
67.5°	266.6	268.8	272.0	274.8	272.0	268.8	266.6	263.8	260.4	257.4	254.7
65°	326.1	326.0	327.1	327.7	327.1	326.0	326.1	324.6	321.3	318.6	315.3
62.5°	425.6	432.4	437.3	439.7	437.3	432.4	425.6	417.1	407.1	398.4	391.3
60°	491.4	497.1	505.1	513.0	505.1	497.1	491.4	484.4	475.9	467.2	457.7
57.5°	553.0	562.5	570.3	576.1	570.3	562.5	553.0	542.4	531.0	523.5	513.9
55°	609.8	620.9	631.5	641.2	631.5	620.9	609.8	597.3	584.2	581.4	574.3
52.5°	681.2	690.4	705.5	724.7	705.5	690.4	681.2	668.8	655.9	652.4	645.2
50°	772.4	786.2	805.4	828.5	805.4	786.2	772.4	755.8	741.4	734.6	728.5
47.5°	877.9	891.7	910.1	934.3	910.1	891.7	877.9	859.1	840.6	821.9	798.3
45°	1156.8	1189.3	1219.1	1251.9	1219.1	1189.3	1156.8	1109.2	1057.1	988.8	907.6
42.5°	2260.0	2402.8	2464.4	2428.4	2464.4	2402.8	2260.0	2053.5	1795.9	1487.4	1247.7
40°	4060.8	4298.1	4437.8	4486.3	4437.8	4298.1	4060.8	3722.5	3278.8	2761.0	2305.7
37.5°	5829.7	6048.1	6165.9	6179.9	6165.9	6048.1	5829.7	5501.3	5051.8	4513.4	3884.1
35°	7264.6	7444.5	7551.2	7631.2	7551.2	7444.5	7264.6	6993.5	6618.0	6119.1	5497.5
32.5°	8553.3	8758.4	8876.9	8850.5	8876.9	8758.4	8553.3	8269.8	7921.7	7474.6	6907.5
30°	9757.1	9981.4	10120.6	10124.8	10120.6	9981.4	9757.1	9444.0	9062.1	8607.2	8101.0
27.5°	10947.3	11199.1	11344.3	11458.0	11344.3	11199.1	10947.3	10582.3	10130.7	9651.6	9093.6
25°	12217.1	12530.8	12717.2	12830.0	12717.2	12530.8	12217.1	11779.0	11253.7	10693.0	10068.3
22.5°	13586.0	13974.8	14230.1	14336.3	14230.1	13974.8	13586.0	13062.1	12426.5	11742.3	11015.0
20°	15075.2	15556.8	15883.0	15873.1	15883.0	15556.8	15075.2	14409.5	13644.2	12820.1	11980.8
17.5°	16736.7	17358.1	17778.6	17839.5	17778.6	17358.1	16736.7	15857.7	14942.2	13985.1	12972.8
15°	18518.1	19319.3	19863.2	20031.7	19863.2	19319.3	18518.1	17484.7	16317.8	15172.2	13968.0
12.5°	20343.6	21296.5	22021.6	22262.7	22021.6	21296.5	20343.6	19118.3	17685.0	16350.6	14959.9
10°	22082.9	23138.4	23925.4	24273.8	23925.4	23138.4	22082.9	20629.3	19085.0	17504.9	15845.4
7.5°	23536.8	24609.3	25420.0	25706.8	25420.0	24609.3	23536.8	22073.2	20234.9	18476.6	16680.8
5°	24494.8	25666.4	26296.8	26651.3	26296.8	25666.4	24494.8	22961.1	21143.2	19216.7	17290.7
2.5°	25134.8	26128.3	26766.7	27093.0	26766.7	26128.3	25134.8	23624.8	21832.4	19730.3	17695.9
0°	25474.8	26486.4	26954.6	27113.4	26954.6	26486.4	25474.8	23964.4	22124.3	19940.1	17955.5
-2.5°	25134.8	26128.3	26766.7	27093.0	26766.7	26128.3	25134.8	23624.8	21832.4	19730.3	17695.9
-5°	24494.8	25666.4	26296.8	26651.3	26296.8	25666.4	24494.8	22961.1	21143.2	19216.7	17290.7
-7.5°	23536.8	24609.3	25420.0	25706.8	25420.0	24609.3	23536.8	22073.2	20234.9	18476.6	16680.8
-10°	22082.9	23138.4	23925.4	24273.8	23925.4	23138.4	22082.9	20629.3	19085.0	17504.9	15845.4
-12.5°	20343.6	21296.5	22021.6	22262.7	22021.6	21296.5	20343.6	19118.3	17685.0	16350.6	14959.9
-15°	18518.1	19319.3	19863.2	20031.7	19863.2	19319.3	18518.1	17484.7	16317.8	15172.2	13968.0
-17.5°	16736.7	17358.1	17778.6	17839.5	17778.6	17358.1	16736.7	15857.7	14942.2	13985.1	12972.8
-20°	15075.2	15556.8	15883.0	15873.1	15883.0	15556.8	15075.2	14409.5	13644.2	12820.1	11980.8



REPORT NUMBER: P559157 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-940-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13586.0	13974.8	14230.1	14336.3	14230.1	13974.8	13586.0	13062.1	12426.5	11742.3	11015.0
-25°	12217.1	12530.8	12717.2	12830.0	12717.2	12530.8	12217.1	11779.0	11253.7	10693.0	10068.3
-27.5°	10947.3	11199.1	11344.3	11458.0	11344.3	11199.1	10947.3	10582.3	10130.7	9651.6	9093.6
-30°	9757.1	9981.4	10120.6	10124.8	10120.6	9981.4	9757.1	9444.0	9062.1	8607.2	8101.0
-32.5°	8553.3	8758.4	8876.9	8850.5	8876.9	8758.4	8553.3	8269.8	7921.7	7474.6	6907.5
-35°	7264.6	7444.5	7551.2	7631.2	7551.2	7444.5	7264.6	6993.5	6618.0	6119.1	5497.5
-37.5°	5829.7	6048.1	6165.9	6179.9	6165.9	6048.1	5829.7	5501.3	5051.8	4513.4	3884.1
-40°	4060.8	4298.1	4437.8	4486.3	4437.8	4298.1	4060.8	3722.5	3278.8	2761.0	2305.7
-42.5°	2260.0	2402.8	2464.4	2428.4	2464.4	2402.8	2260.0	2053.5	1795.9	1487.4	1247.7
-45°	1156.8	1189.3	1219.1	1251.9	1219.1	1189.3	1156.8	1109.2	1057.1	988.8	907.6
-47.5°	877.9	891.7	910.1	934.3	910.1	891.7	877.9	859.1	840.6	821.9	798.3
-50°	772.4	786.2	805.4	828.5	805.4	786.2	772.4	755.8	741.4	734.6	728.5
-52.5°	681.2	690.4	705.5	724.7	705.5	690.4	681.2	668.8	655.9	652.4	645.2
-55°	609.8	620.9	631.5	641.2	631.5	620.9	609.8	597.3	584.2	581.4	574.3
-57.5°	553.0	562.5	570.3	576.1	570.3	562.5	553.0	542.4	531.0	523.5	513.9
-60°	491.4	497.1	505.1	513.0	505.1	497.1	491.4	484.4	475.9	467.2	457.7
-62.5°	425.6	432.4	437.3	439.7	437.3	432.4	425.6	417.1	407.1	398.4	391.3
-65°	326.1	326.0	327.1	327.7	327.1	326.0	326.1	324.6	321.3	318.6	315.3
-67.5°	266.6	268.8	272.0	274.8	272.0	268.8	266.6	263.8	260.4	257.4	254.7
-70°	214.5	215.0	207.5	197.4	207.5	215.0	214.5	214.3	215.2	216.3	214.7
-72.5°	137.7	120.8	113.1	105.8	113.1	120.8	137.7	154.1	170.1	181.4	180.4
-75°	101.9	84.2	83.4	83.5	83.4	84.2	101.9	119.1	135.7	148.7	148.4
-77.5°	76.9	61.5	61.0	61.1	61.0	61.5	76.9	91.6	105.3	116.0	115.3
-80°	52.2	44.8	45.7	46.8	45.7	44.8	52.2	59.3	66.1	72.3	74.8
-82.5°	35.2	30.4	30.4	30.5	30.4	30.4	35.2	39.7	43.9	47.5	46.3
-85°	13.5	12.1	12.2	12.2	12.2	12.1	13.5	14.9	16.2	17.3	16.5
-87.5°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.5	4.0	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



REPORT NUMBER: P559157 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-940-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.1	3.0	2.9
85°	15.7	14.8	14.1	15.6	16.8	17.8	18.3	16.3	14.3	12.5	10.9
82.5°	44.8	43.1	41.3	41.5	41.6	41.6	41.0	36.0	31.3	26.9	23.4
80°	76.7	77.7	77.7	76.1	74.4	72.5	69.1	60.1	51.9	44.7	39.7
77.5°	114.6	114.0	113.0	110.4	107.7	105.1	99.9	86.6	73.6	61.9	55.6
75°	147.6	146.4	144.2	140.3	136.2	131.7	124.0	110.7	96.8	82.2	74.6
72.5°	179.0	177.2	174.1	169.3	164.1	158.8	151.2	139.6	125.3	108.1	99.6
70°	212.6	209.9	205.9	200.0	193.7	187.2	181.3	173.0	161.3	146.6	138.1
67.5°	251.1	246.5	242.2	236.0	229.9	222.1	216.9	209.9	201.0	188.5	179.0
65°	308.6	298.3	292.0	291.2	285.4	274.0	261.5	253.4	244.8	233.1	220.1
62.5°	385.2	380.7	369.1	356.5	346.8	338.6	323.3	306.4	291.9	278.6	263.0
60°	447.3	436.8	427.2	415.6	402.2	389.2	376.5	360.0	339.4	322.8	305.8
57.5°	501.4	491.2	484.7	473.7	457.9	444.7	430.8	414.1	393.9	369.8	348.5
55°	562.3	554.5	547.6	537.2	523.0	505.0	487.2	469.3	446.7	417.7	391.4
52.5°	634.6	625.1	614.8	603.8	587.1	564.9	543.7	522.6	496.4	465.0	433.0
50°	718.9	699.6	682.5	667.8	646.2	621.4	596.2	572.4	541.4	509.0	475.7
47.5°	782.3	765.7	746.5	725.3	700.8	674.2	646.1	616.1	583.6	549.9	514.9
45°	877.2	841.5	804.0	780.4	752.9	724.1	694.1	659.8	624.4	588.6	551.7
42.5°	1123.9	990.3	903.7	853.7	807.9	775.5	739.2	702.2	664.5	626.1	587.2
40°	1842.8	1323.4	1149.7	980.6	891.3	833.3	786.3	743.1	703.0	662.4	621.3
37.5°	3161.5	2425.3	1825.9	1284.0	1082.1	912.0	841.3	785.5	739.8	697.5	654.2
35°	4817.9	3969.4	2986.6	2186.0	1450.5	1132.7	914.1	835.6	777.4	731.5	685.9
32.5°	6256.8	5430.4	4480.9	3379.7	2368.1	1528.6	1128.6	902.5	818.8	765.1	716.6
30°	7480.7	6717.1	5810.5	4713.7	3502.2	2361.9	1442.6	1073.8	880.6	797.1	746.1
27.5°	8479.2	7794.1	6945.4	5947.7	4712.0	3371.8	2188.8	1286.8	973.5	845.0	773.9
25°	9396.2	8673.7	7877.4	6946.3	5821.6	4469.9	3005.3	1848.0	1155.9	896.4	799.8
22.5°	10267.1	9499.7	8681.7	7779.4	6738.5	5446.6	3986.0	2472.5	1340.0	989.3	840.1
20°	11109.0	10263.3	9410.9	8473.5	7433.9	6307.4	4873.9	3220.8	1865.6	1130.5	878.4
17.5°	11971.5	11003.6	10038.2	9084.1	8030.4	6899.4	5565.8	3973.3	2322.5	1257.5	911.5
15°	12788.4	11707.1	10642.1	9593.0	8539.4	7393.2	6143.6	4643.5	2776.0	1514.5	1005.4
12.5°	13615.5	12356.8	11200.7	10024.4	8967.3	7805.3	6553.2	5100.9	3308.1	1829.2	1098.8
10°	14364.7	12952.9	11670.9	10426.2	9286.3	8134.1	6882.4	5468.6	3745.7	2088.0	1175.4
7.5°	15006.7	13471.3	12062.2	10753.7	9542.6	8408.4	7165.0	5761.9	4075.2	2287.9	1235.2
5°	15501.9	13850.1	12363.1	11022.3	9741.7	8595.3	7371.7	5975.5	4297.3	2428.3	1278.2
2.5°	15799.9	14079.5	12539.5	11188.9	9865.6	8701.9	7481.1	6112.2	4438.8	2518.8	1310.0
0°	15928.1	14149.0	12669.2	11301.3	9913.1	8746.7	7478.6	6163.6	4490.4	2552.6	1325.1
-2.5°	15799.9	14079.5	12539.5	11188.9	9865.6	8701.9	7481.1	6112.2	4438.8	2518.8	1310.0
-5°	15501.9	13850.1	12363.1	11022.3	9741.7	8595.3	7371.7	5975.5	4297.3	2428.3	1278.2
-7.5°	15006.7	13471.3	12062.2	10753.7	9542.6	8408.4	7165.0	5761.9	4075.2	2287.9	1235.2
-10°	14364.7	12952.9	11670.9	10426.2	9286.3	8134.1	6882.4	5468.6	3745.7	2088.0	1175.4
-12.5°	13615.5	12356.8	11200.7	10024.4	8967.3	7805.3	6553.2	5100.9	3308.1	1829.2	1098.8
-15°	12788.4	11707.1	10642.1	9593.0	8539.4	7393.2	6143.6	4643.5	2776.0	1514.5	1005.4
-17.5°	11971.5	11003.6	10038.2	9084.1	8030.4	6899.4	5565.8	3973.3	2322.5	1257.5	911.5
-20°	11109.0	10263.3	9410.9	8473.5	7433.9	6307.4	4873.9	3220.8	1865.6	1130.5	878.4



REPORT NUMBER: P559157 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-940-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	10267.1	9499.7	8681.7	7779.4	6738.5	5446.6	3986.0	2472.5	1340.0	989.3	840.1
-25°	9396.2	8673.7	7877.4	6946.3	5821.6	4469.9	3005.3	1848.0	1155.9	896.4	799.8
-27.5°	8479.2	7794.1	6945.4	5947.7	4712.0	3371.8	2188.8	1286.8	973.5	845.0	773.9
-30°	7480.7	6717.1	5810.5	4713.7	3502.2	2361.9	1442.6	1073.8	880.6	797.1	746.1
-32.5°	6256.8	5430.4	4480.9	3379.7	2368.1	1528.6	1128.6	902.5	818.8	765.1	716.6
-35°	4817.9	3969.4	2986.6	2186.0	1450.5	1132.7	914.1	835.6	777.4	731.5	685.9
-37.5°	3161.5	2425.3	1825.9	1284.0	1082.1	912.0	841.3	785.5	739.8	697.5	654.2
-40°	1842.8	1323.4	1149.7	980.6	891.3	833.3	786.3	743.1	703.0	662.4	621.3
-42.5°	1123.9	990.3	903.7	853.7	807.9	775.5	739.2	702.2	664.5	626.1	587.2
-45°	877.2	841.5	804.0	780.4	752.9	724.1	694.1	659.8	624.4	588.6	551.7
-47.5°	782.3	765.7	746.5	725.3	700.8	674.2	646.1	616.1	583.6	549.9	514.9
-50°	718.9	699.6	682.5	667.8	646.2	621.4	596.2	572.4	541.4	509.0	475.7
-52.5°	634.6	625.1	614.8	603.8	587.1	564.9	543.7	522.6	496.4	465.0	433.0
-55°	562.3	554.5	547.6	537.2	523.0	505.0	487.2	469.3	446.7	417.7	391.4
-57.5°	501.4	491.2	484.7	473.7	457.9	444.7	430.8	414.1	393.9	369.8	348.5
-60°	447.3	436.8	427.2	415.6	402.2	389.2	376.5	360.0	339.4	322.8	305.8
-62.5°	385.2	380.7	369.1	356.5	346.8	338.6	323.3	306.4	291.9	278.6	263.0
-65°	308.6	298.3	292.0	291.2	285.4	274.0	261.5	253.4	244.8	233.1	220.1
-67.5°	251.1	246.5	242.2	236.0	229.9	222.1	216.9	209.9	201.0	188.5	179.0
-70°	212.6	209.9	205.9	200.0	193.7	187.2	181.3	173.0	161.3	146.6	138.1
-72.5°	179.0	177.2	174.1	169.3	164.1	158.8	151.2	139.6	125.3	108.1	99.6
-75°	147.6	146.4	144.2	140.3	136.2	131.7	124.0	110.7	96.8	82.2	74.6
-77.5°	114.6	114.0	113.0	110.4	107.7	105.1	99.9	86.6	73.6	61.9	55.6
-80°	76.7	77.7	77.7	76.1	74.4	72.5	69.1	60.1	51.9	44.7	39.7
-82.5°	44.8	43.1	41.3	41.5	41.6	41.6	41.0	36.0	31.3	26.9	23.4
-85°	15.7	14.8	14.1	15.6	16.8	17.8	18.3	16.3	14.3	12.5	10.9
-87.5°	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.1	3.0	2.9
-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: P559157 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-940-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.5	3.9	4.3	4.7	4.9	5.1	5.2	5.2	4.9	4.5	4.1
85°	11.6	12.0	12.0	11.7	11.0	10.2	10.3	10.3	9.7	9.0	8.2
82.5°	24.4	25.3	25.8	25.8	24.1	22.4	20.6	18.8	16.7	13.9	12.4
80°	42.0	43.4	43.8	42.7	38.6	34.6	31.8	29.2	27.1	24.1	20.1
77.5°	59.8	62.5	63.7	62.2	56.7	51.1	45.5	40.5	37.5	34.2	29.8
75°	78.2	82.3	84.8	83.3	76.3	67.5	60.5	54.6	50.3	44.7	39.5
72.5°	101.5	103.5	105.7	105.3	99.2	90.4	79.0	68.8	64.0	57.7	49.8
70°	132.6	126.8	125.4	124.6	120.9	114.1	102.6	89.2	78.0	70.8	61.9
67.5°	170.8	162.8	154.5	145.7	141.3	135.2	126.1	110.3	95.5	83.9	74.0
65°	208.4	197.7	187.7	174.9	164.4	156.3	146.9	130.1	112.3	97.7	86.2
62.5°	247.0	231.2	217.7	202.8	188.9	177.5	167.5	148.4	128.6	110.8	97.1
60°	287.2	268.3	247.7	229.9	213.1	197.9	184.5	166.5	145.0	123.3	107.1
57.5°	328.1	306.0	280.9	257.4	237.3	218.8	200.6	182.3	161.2	137.2	116.0
55°	368.4	344.1	313.9	286.0	261.7	240.3	217.5	196.8	176.4	151.4	122.4
52.5°	404.4	379.0	348.9	315.3	286.0	261.0	235.8	211.1	189.4	165.3	131.2
50°	441.2	409.7	381.0	347.5	310.4	281.3	253.5	226.9	202.0	178.1	139.4
47.5°	479.4	442.6	409.0	377.7	339.7	301.1	271.3	242.3	214.3	189.1	146.7
45°	514.5	476.5	437.9	403.1	367.1	324.1	288.8	257.2	227.6	194.7	152.8
42.5°	547.8	508.1	467.7	427.7	390.0	346.7	305.7	272.3	240.3	199.0	157.2
40°	579.7	537.9	495.8	454.0	412.9	367.4	324.2	287.0	251.6	202.8	160.1
37.5°	610.1	566.3	522.2	479.2	436.1	388.8	341.2	301.0	257.1	207.0	162.1
35°	639.6	593.1	548.4	503.3	458.2	410.4	356.4	314.6	265.4	210.5	163.2
32.5°	667.6	619.4	573.3	526.6	479.0	432.1	373.5	326.9	275.4	213.3	163.5
30°	694.9	645.0	596.7	548.8	498.7	450.3	392.7	339.0	287.0	215.4	163.5
27.5°	720.9	668.7	618.5	569.2	517.9	467.0	411.5	350.8	300.1	219.6	164.5
25°	744.8	690.8	638.7	587.9	536.0	483.1	428.8	362.5	311.1	228.5	165.0
22.5°	767.0	710.9	657.0	605.0	553.6	498.5	443.5	376.8	320.1	237.7	164.8
20°	787.1	728.7	674.2	623.0	569.5	513.3	455.9	389.8	328.5	247.0	163.9
17.5°	807.2	747.3	693.9	640.1	584.3	526.7	467.5	401.4	336.3	256.3	162.4
15°	839.0	767.5	711.8	656.1	598.0	538.7	478.2	411.6	343.4	265.2	161.9
12.5°	867.6	785.5	727.9	671.0	610.5	549.3	487.8	420.4	349.7	271.3	162.6
10°	891.8	801.3	742.2	684.5	621.6	558.3	496.2	427.8	355.0	273.9	162.2
7.5°	911.5	814.8	754.5	696.5	632.0	567.0	504.0	434.1	360.1	274.1	160.9
5°	928.4	829.6	769.9	709.6	644.2	575.6	510.5	438.8	364.7	272.2	158.8
2.5°	947.7	847.5	786.9	721.2	654.8	582.7	515.6	442.0	368.3	268.4	156.0
0°	962.8	863.1	802.0	730.8	663.6	588.3	519.1	443.7	370.5	262.6	152.7
-2.5°	947.7	847.5	786.9	721.2	654.8	582.7	515.6	442.0	368.3	268.4	156.0
-5°	928.4	829.6	769.9	709.6	644.2	575.6	510.5	438.8	364.7	272.2	158.8
-7.5°	911.5	814.8	754.5	696.5	632.0	567.0	504.0	434.1	360.1	274.1	160.9
-10°	891.8	801.3	742.2	684.5	621.6	558.3	496.2	427.8	355.0	273.9	162.2
-12.5°	867.6	785.5	727.9	671.0	610.5	549.3	487.8	420.4	349.7	271.3	162.6
-15°	839.0	767.5	711.8	656.1	598.0	538.7	478.2	411.6	343.4	265.2	161.9
-17.5°	807.2	747.3	693.9	640.1	584.3	526.7	467.5	401.4	336.3	256.3	162.4
-20°	787.1	728.7	674.2	623.0	569.5	513.3	455.9	389.8	328.5	247.0	163.9



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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°	767.0	710.9	657.0	605.0	553.6	498.5	443.5	376.8	320.1	237.7	164.8
-25°	744.8	690.8	638.7	587.9	536.0	483.1	428.8	362.5	311.1	228.5	165.0
-27.5°	720.9	668.7	618.5	569.2	517.9	467.0	411.5	350.8	300.1	219.6	164.5
-30°	694.9	645.0	596.7	548.8	498.7	450.3	392.7	339.0	287.0	215.4	163.5
-32.5°	667.6	619.4	573.3	526.6	479.0	432.1	373.5	326.9	275.4	213.3	163.5
-35°	639.6	593.1	548.4	503.3	458.2	410.4	356.4	314.6	265.4	210.5	163.2
-37.5°	610.1	566.3	522.2	479.2	436.1	388.8	341.2	301.0	257.1	207.0	162.1
-40°	579.7	537.9	495.8	454.0	412.9	367.4	324.2	287.0	251.6	202.8	160.1
-42.5°	547.8	508.1	467.7	427.7	390.0	346.7	305.7	272.3	240.3	199.0	157.2
-45°	514.5	476.5	437.9	403.1	367.1	324.1	288.8	257.2	227.6	194.7	152.8
-47.5°	479.4	442.6	409.0	377.7	339.7	301.1	271.3	242.3	214.3	189.1	146.7
-50°	441.2	409.7	381.0	347.5	310.4	281.3	253.5	226.9	202.0	178.1	139.4
-52.5°	404.4	379.0	348.9	315.3	286.0	261.0	235.8	211.1	189.4	165.3	131.2
-55°	368.4	344.1	313.9	286.0	261.7	240.3	217.5	196.8	176.4	151.4	122.4
-57.5°	328.1	306.0	280.9	257.4	237.3	218.8	200.6	182.3	161.2	137.2	116.0
-60°	287.2	268.3	247.7	229.9	213.1	197.9	184.5	166.5	145.0	123.3	107.1
-62.5°	247.0	231.2	217.7	202.8	188.9	177.5	167.5	148.4	128.6	110.8	97.1
-65°	208.4	197.7	187.7	174.9	164.4	156.3	146.9	130.1	112.3	97.7	86.2
-67.5°	170.8	162.8	154.5	145.7	141.3	135.2	126.1	110.3	95.5	83.9	74.0
-70°	132.6	126.8	125.4	124.6	120.9	114.1	102.6	89.2	78.0	70.8	61.9
-72.5°	101.5	103.5	105.7	105.3	99.2	90.4	79.0	68.8	64.0	57.7	49.8
-75°	78.2	82.3	84.8	83.3	76.3	67.5	60.5	54.6	50.3	44.7	39.5
-77.5°	59.8	62.5	63.7	62.2	56.7	51.1	45.5	40.5	37.5	34.2	29.8
-80°	42.0	43.4	43.8	42.7	38.6	34.6	31.8	29.2	27.1	24.1	20.1
-82.5°	24.4	25.3	25.8	25.8	24.1	22.4	20.6	18.8	16.7	13.9	12.4
-85°	11.6	12.0	12.0	11.7	11.0	10.2	10.3	10.3	9.7	9.0	8.2
-87.5°	3.5	3.9	4.3	4.7	4.9	5.1	5.2	5.2	4.9	4.5	4.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.7	2.9	2.1	1.5	0.9	0.4	0.0
85°	7.3	5.7	4.2	2.9	1.8	0.9	0.0
82.5°	11.0	8.5	6.3	4.4	2.7	1.3	0.0
80°	15.2	11.3	8.4	5.8	3.5	1.8	0.0
77.5°	23.8	15.4	10.4	7.2	4.4	2.2	0.0
75°	32.3	22.1	13.0	8.6	5.3	2.6	0.0
72.5°	40.7	28.5	17.8	10.0	6.1	3.1	0.0
70°	49.0	34.8	22.4	11.6	7.0	3.5	0.0
67.5°	58.6	40.9	27.0	14.8	7.8	3.9	0.0
65°	67.8	47.4	31.4	17.9	8.6	4.3	0.0
62.5°	76.7	54.3	35.6	20.8	9.4	4.7	0.0
60°	85.1	60.9	39.7	23.7	10.2	5.1	0.0
57.5°	90.8	67.1	44.3	26.4	12.0	5.5	0.0
55°	95.6	72.9	48.7	29.0	13.7	5.8	0.0
52.5°	99.7	77.9	52.8	31.5	15.4	6.2	0.0
50°	103.2	80.4	56.7	33.8	17.0	6.6	0.0
47.5°	106.3	82.4	60.2	36.1	18.6	6.9	0.0
45°	111.5	83.9	63.5	38.5	20.0	7.2	0.0
42.5°	115.8	84.9	66.4	40.7	21.5	7.5	0.0
40°	119.4	85.3	68.0	43.0	22.8	7.8	0.0
37.5°	122.2	85.3	68.2	45.4	24.0	8.1	0.0
35°	124.1	86.4	68.1	47.8	25.2	8.4	0.0
32.5°	125.1	87.7	67.7	50.1	26.3	8.6	0.0
30°	125.0	88.5	67.0	52.3	27.3	8.8	0.0
27.5°	124.3	88.8	67.7	54.4	28.2	9.0	0.0
25°	122.9	88.5	68.5	56.4	29.1	9.2	0.0
22.5°	120.9	88.7	69.1	58.4	29.8	9.4	0.0
20°	118.4	91.0	69.7	60.2	30.5	9.6	0.0
17.5°	118.6	93.0	70.1	61.8	31.1	9.7	0.0
15°	120.3	94.8	70.5	63.4	31.6	9.9	0.0
12.5°	121.8	96.3	70.8	64.8	31.9	10.0	0.0
10°	122.9	97.5	70.9	66.0	32.3	10.0	0.0
7.5°	123.7	98.5	71.1	67.1	32.5	10.1	0.0
5°	124.2	99.1	71.2	68.0	32.6	10.2	0.0
2.5°	124.3	99.6	71.2	68.7	32.6	10.2	0.0
0°	124.2	99.7	71.2	69.2	32.6	10.2	0.0
-2.5°	124.3	99.6	71.2	68.7	32.6	10.2	0.0
-5°	124.2	99.1	71.2	68.0	32.6	10.2	0.0
-7.5°	123.7	98.5	71.1	67.1	32.5	10.1	0.0
-10°	122.9	97.5	70.9	66.0	32.3	10.0	0.0
-12.5°	121.8	96.3	70.8	64.8	31.9	10.0	0.0
-15°	120.3	94.8	70.5	63.4	31.6	9.9	0.0
-17.5°	118.6	93.0	70.1	61.8	31.1	9.7	0.0
-20°	118.4	91.0	69.7	60.2	30.5	9.6	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	120.9	88.7	69.1	58.4	29.8	9.4	0.0
-25°	122.9	88.5	68.5	56.4	29.1	9.2	0.0
-27.5°	124.3	88.8	67.7	54.4	28.2	9.0	0.0
-30°	125.0	88.5	67.0	52.3	27.3	8.8	0.0
-32.5°	125.1	87.7	67.7	50.1	26.3	8.6	0.0
-35°	124.1	86.4	68.1	47.8	25.2	8.4	0.0
-37.5°	122.2	85.3	68.2	45.4	24.0	8.1	0.0
-40°	119.4	85.3	68.0	43.0	22.8	7.8	0.0
-42.5°	115.8	84.9	66.4	40.7	21.5	7.5	0.0
-45°	111.5	83.9	63.5	38.5	20.0	7.2	0.0
-47.5°	106.3	82.4	60.2	36.1	18.6	6.9	0.0
-50°	103.2	80.4	56.7	33.8	17.0	6.6	0.0
-52.5°	99.7	77.9	52.8	31.5	15.4	6.2	0.0
-55°	95.6	72.9	48.7	29.0	13.7	5.8	0.0
-57.5°	90.8	67.1	44.3	26.4	12.0	5.5	0.0
-60°	85.1	60.9	39.7	23.7	10.2	5.1	0.0
-62.5°	76.7	54.3	35.6	20.8	9.4	4.7	0.0
-65°	67.8	47.4	31.4	17.9	8.6	4.3	0.0
-67.5°	58.6	40.9	27.0	14.8	7.8	3.9	0.0
-70°	49.0	34.8	22.4	11.6	7.0	3.5	0.0
-72.5°	40.7	28.5	17.8	10.0	6.1	3.1	0.0
-75°	32.3	22.1	13.0	8.6	5.3	2.6	0.0
-77.5°	23.8	15.4	10.4	7.2	4.4	2.2	0.0
-80°	15.2	11.3	8.4	5.8	3.5	1.8	0.0
-82.5°	11.0	8.5	6.3	4.4	2.7	1.3	0.0
-85°	7.3	5.7	4.2	2.9	1.8	0.9	0.0
-87.5°	3.7	2.9	2.1	1.5	0.9	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)