

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: P558869 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-940-U-MWR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558869 (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-SA3E-940-U-MWR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5  
Light Source: (48) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

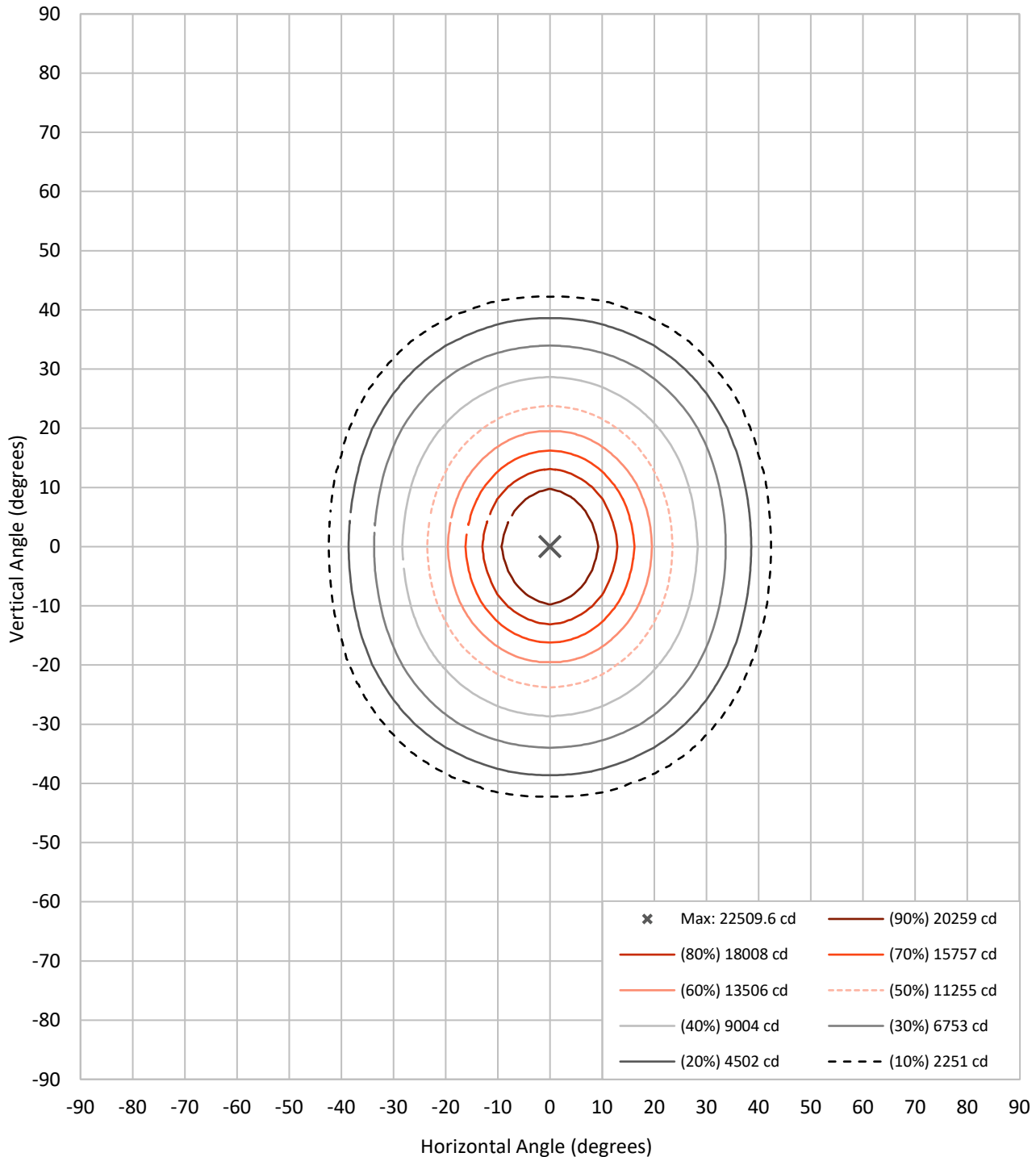
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	17522.5 lumens	Max Intensity:	22509.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	96.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	8268.3 lumens	Field Lumens:	15910.4 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 182  
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





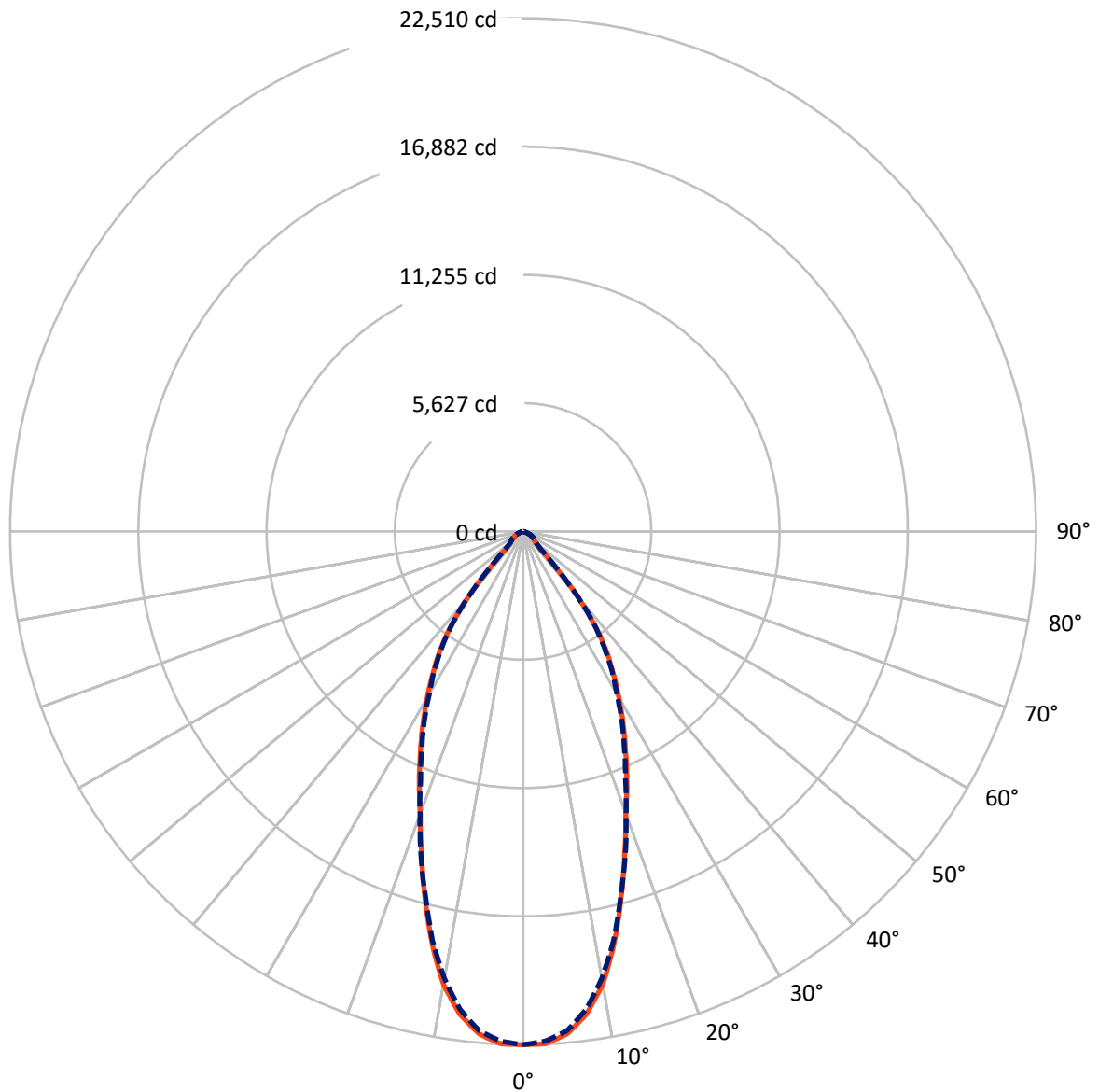
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### Lumen Table

90																
80	0.3	2.1		4.8		7.9		6.2		7.9		4.8		2.1		0.3
70																
60	1.2	1.4	2.6	4.0	5.6	7.0	8.0	8.7	8.7	8.0	7.0	5.6	4.0	2.6	1.4	1.2
50		2.1	4.2	7.0	10.1	12.6	14.4	15.8	15.8	14.4	12.6	10.1	7.0	4.2	2.1	
40	1.9	2.8	5.9	9.9	14.3	19.6	31.1	43.6	43.6	31.1	19.6	14.3	9.9	5.9	2.8	1.9
30		3.4	7.3	12.3	23.1	37.8	143.8	183.2	183.2	143.8	73.8	23.1	12.3	7.3	3.4	
20	2.1	4.0	8.6	15.4	27.5	46.4	81.5	115.2	115.2	81.5	46.4	27.5	15.4	8.6	4.0	2.1
10		4.4	9.5	17.6	31.1	51.5	91.5	128.5	128.5	91.5	51.5	31.1	17.6	9.5	4.4	
0	2.1	4.7	10.3	18.6	32.6	54.1	95.3	135.4	135.4	95.3	54.1	32.6	18.6	10.3	4.7	2.1
-10		4.7	10.3	18.6	32.6	54.1	95.3	135.4	135.4	95.3	54.1	32.6	18.6	10.3	4.7	
-20	2.1	4.4	9.5	17.6	31.1	51.5	91.5	128.5	128.5	91.5	51.5	31.1	17.6	9.5	4.4	2.1
-30		4.0	8.6	15.4	27.5	46.4	81.5	115.2	115.2	81.5	46.4	27.5	15.4	8.6	4.0	
-40	1.9	3.4	7.3	12.3	23.1	37.8	143.8	183.2	183.2	143.8	73.8	23.1	12.3	7.3	3.4	1.9
-50		2.8	5.9	9.9	14.3	19.6	31.1	43.6	43.6	31.1	19.6	14.3	9.9	5.9	2.8	
-60	1.2	2.1	4.2	7.0	10.1	12.6	14.4	15.8	15.8	14.4	12.6	10.1	7.0	4.2	2.1	1.2
-70		1.4	2.6	4.0	5.6	7.0	8.0	8.7	8.7	8.0	7.0	5.6	4.0	2.6	1.4	
-80																
-90	0.3	2.1		4.8		7.9		6.2		7.9		4.8		2.1		0.3

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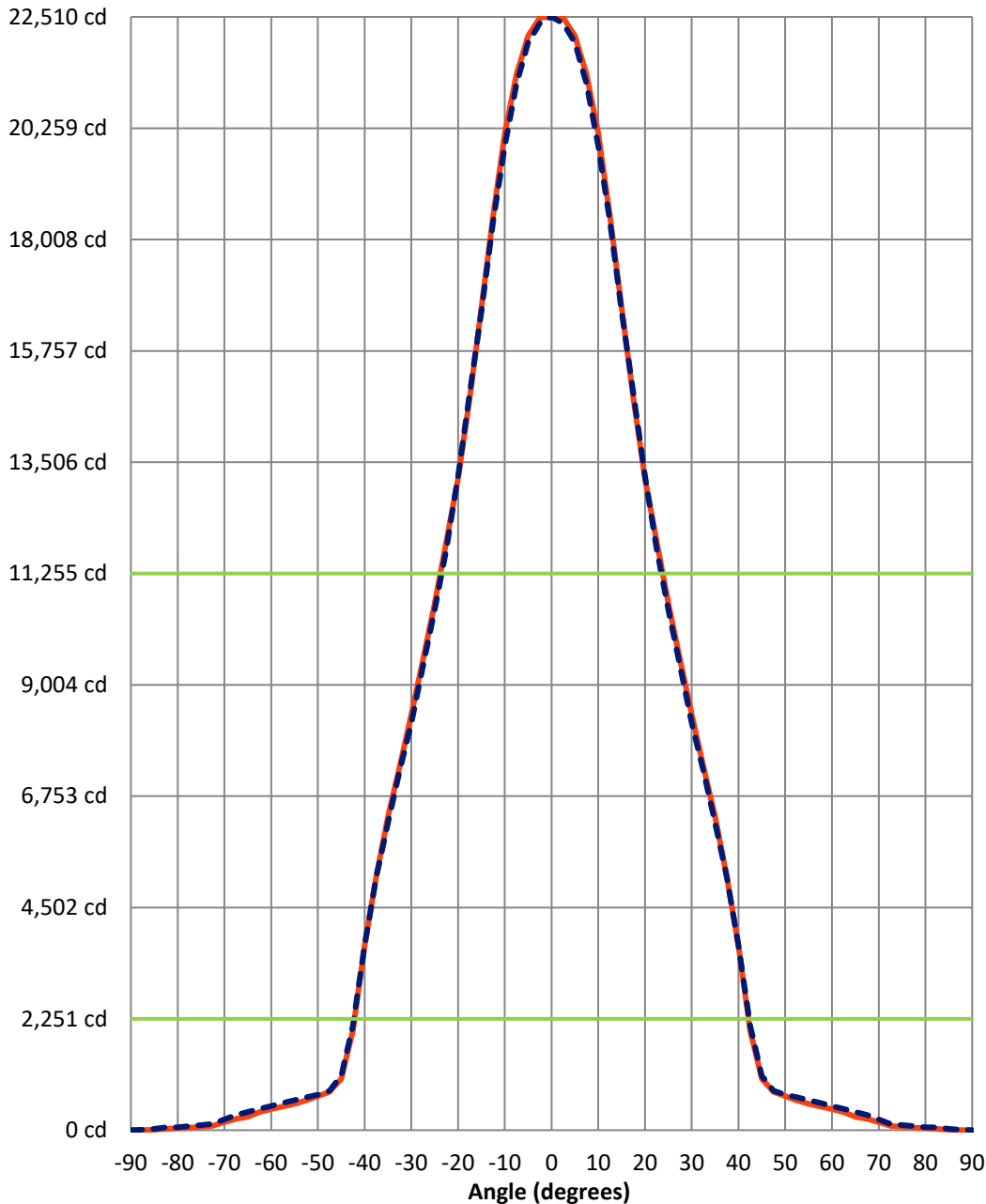
### Luminous Intensity Polar Plot



— 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: 8268.3  
 Efficiency: 47.2%

**Field:**  
 H Angle: 84.6°  
 V Angle: 84.3°  
 Lumens: 15910.4  
 Efficiency: 90.8%

**Spill:**  
 Lumens: 1612.1  
 Efficiency: 9.2%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.4	0.7	1.2	1.8	2.4	3.1	3.4	3.7	4.0	4.3
85°	0.0	0.7	1.5	2.4	3.5	4.7	6.1	6.8	7.5	8.1	8.5
82.5°	0.0	1.1	2.2	3.6	5.2	7.1	9.1	10.3	11.6	13.8	15.6
80°	0.0	1.5	2.9	4.8	6.9	9.4	12.6	16.7	20.0	22.5	24.2
77.5°	0.0	1.8	3.6	6.0	8.6	12.8	19.8	24.7	28.4	31.2	33.7
75°	0.0	2.2	4.3	7.1	10.7	18.3	26.9	32.8	37.1	41.8	45.4
72.5°	0.0	2.5	5.0	8.2	14.7	23.7	33.8	41.4	47.9	53.2	57.2
70°	0.0	2.9	5.7	9.6	18.6	28.9	40.6	51.4	58.7	64.7	74.0
67.5°	0.0	3.2	6.4	12.2	22.4	33.9	48.6	61.4	69.7	79.3	91.5
65°	0.0	3.5	7.1	14.8	26.0	39.4	56.3	71.5	81.1	93.3	108.0
62.5°	0.0	3.9	7.7	17.3	29.5	45.1	63.6	80.6	92.0	106.7	123.2
60°	0.0	4.2	8.4	19.6	32.9	50.5	70.6	88.9	102.4	120.4	138.3
57.5°	0.0	4.5	9.9	21.9	36.7	55.7	75.4	96.3	113.9	133.8	151.3
55°	0.0	4.8	11.3	24.1	40.4	60.5	79.4	101.7	125.7	146.4	163.4
52.5°	0.0	5.1	12.7	26.1	43.8	64.6	82.8	109.0	137.2	157.2	175.2
50°	0.0	5.4	14.1	28.0	47.0	66.7	85.7	115.8	147.8	167.7	188.3
47.5°	0.0	5.7	15.4	29.9	50.0	68.4	88.3	121.7	156.9	177.9	201.2
45°	0.0	5.9	16.6	31.9	52.7	69.6	92.5	126.8	161.6	188.9	213.5
42.5°	0.0	6.2	17.8	33.8	55.1	70.4	96.2	130.5	165.2	199.5	226.1
40°	0.0	6.4	18.9	35.7	56.4	70.8	99.1	132.8	168.3	208.9	238.3
37.5°	0.0	6.7	19.9	37.7	56.6	70.8	101.4	134.5	171.8	213.5	250.0
35°	0.0	6.9	20.9	39.7	56.5	71.7	103.0	135.5	174.7	220.3	261.2
32.5°	0.0	7.1	21.8	41.6	56.2	72.8	103.9	135.7	177.1	228.6	271.4
30°	0.0	7.3	22.6	43.4	55.6	73.5	103.8	135.7	178.8	238.3	281.4
27.5°	0.0	7.5	23.4	45.2	56.2	73.7	103.2	136.6	182.3	249.2	291.2
25°	0.0	7.6	24.1	46.9	56.9	73.5	102.0	137.0	189.7	258.3	300.9
22.5°	0.0	7.8	24.7	48.5	57.4	73.7	100.4	136.8	197.3	265.7	312.8
20°	0.0	7.9	25.3	50.0	57.9	75.5	98.3	136.1	205.1	272.7	323.6
17.5°	0.0	8.0	25.7	51.4	58.2	77.2	98.5	134.8	212.8	279.2	333.2
15°	0.0	8.1	26.1	52.6	58.5	78.7	99.9	134.4	220.2	285.1	341.7
12.5°	0.0	8.2	26.5	53.8	58.7	79.9	101.1	134.9	225.3	290.3	348.9
10°	0.0	8.3	26.7	54.8	58.9	81.0	102.0	134.6	227.3	294.7	355.1
7.5°	0.0	8.3	26.9	55.7	59.0	81.8	102.7	133.5	227.6	299.0	360.4
5°	0.0	8.4	27.0	56.5	59.1	82.3	103.1	131.8	226.0	302.8	364.3
2.5°	0.0	8.4	27.0	57.1	59.1	82.7	103.2	129.5	222.8	305.8	367.0
0°	0.0	8.4	27.0	57.5	59.1	82.8	103.1	126.7	218.0	307.6	368.4
-2.5°	0.0	8.4	27.0	57.1	59.1	82.7	103.2	129.5	222.8	305.8	367.0
-5°	0.0	8.4	27.0	56.5	59.1	82.3	103.1	131.8	226.0	302.8	364.3
-7.5°	0.0	8.3	26.9	55.7	59.0	81.8	102.7	133.5	227.6	299.0	360.4
-10°	0.0	8.3	26.7	54.8	58.9	81.0	102.0	134.6	227.3	294.7	355.1
-12.5°	0.0	8.2	26.5	53.8	58.7	79.9	101.1	134.9	225.3	290.3	348.9
-15°	0.0	8.1	26.1	52.6	58.5	78.7	99.9	134.4	220.2	285.1	341.7
-17.5°	0.0	8.0	25.7	51.4	58.2	77.2	98.5	134.8	212.8	279.2	333.2
-20°	0.0	7.9	25.3	50.0	57.9	75.5	98.3	136.1	205.1	272.7	323.6



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 CATALOG NUMBER: GFLD-SA3E-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	7.8	24.7	48.5	57.4	73.7	100.4	136.8	197.3	265.7	312.8
-25°	0.0	7.6	24.1	46.9	56.9	73.5	102.0	137.0	189.7	258.3	300.9
-27.5°	0.0	7.5	23.4	45.2	56.2	73.7	103.2	136.6	182.3	249.2	291.2
-30°	0.0	7.3	22.6	43.4	55.6	73.5	103.8	135.7	178.8	238.3	281.4
-32.5°	0.0	7.1	21.8	41.6	56.2	72.8	103.9	135.7	177.1	228.6	271.4
-35°	0.0	6.9	20.9	39.7	56.5	71.7	103.0	135.5	174.7	220.3	261.2
-37.5°	0.0	6.7	19.9	37.7	56.6	70.8	101.4	134.5	171.8	213.5	250.0
-40°	0.0	6.4	18.9	35.7	56.4	70.8	99.1	132.8	168.3	208.9	238.3
-42.5°	0.0	6.2	17.8	33.8	55.1	70.4	96.2	130.5	165.2	199.5	226.1
-45°	0.0	5.9	16.6	31.9	52.7	69.6	92.5	126.8	161.6	188.9	213.5
-47.5°	0.0	5.7	15.4	29.9	50.0	68.4	88.3	121.7	156.9	177.9	201.2
-50°	0.0	5.4	14.1	28.0	47.0	66.7	85.7	115.8	147.8	167.7	188.3
-52.5°	0.0	5.1	12.7	26.1	43.8	64.6	82.8	109.0	137.2	157.2	175.2
-55°	0.0	4.8	11.3	24.1	40.4	60.5	79.4	101.7	125.7	146.4	163.4
-57.5°	0.0	4.5	9.9	21.9	36.7	55.7	75.4	96.3	113.9	133.8	151.3
-60°	0.0	4.2	8.4	19.6	32.9	50.5	70.6	88.9	102.4	120.4	138.3
-62.5°	0.0	3.9	7.7	17.3	29.5	45.1	63.6	80.6	92.0	106.7	123.2
-65°	0.0	3.5	7.1	14.8	26.0	39.4	56.3	71.5	81.1	93.3	108.0
-67.5°	0.0	3.2	6.4	12.2	22.4	33.9	48.6	61.4	69.7	79.3	91.5
-70°	0.0	2.9	5.7	9.6	18.6	28.9	40.6	51.4	58.7	64.7	74.0
-72.5°	0.0	2.5	5.0	8.2	14.7	23.7	33.8	41.4	47.9	53.2	57.2
-75°	0.0	2.2	4.3	7.1	10.7	18.3	26.9	32.8	37.1	41.8	45.4
-77.5°	0.0	1.8	3.6	6.0	8.6	12.8	19.8	24.7	28.4	31.2	33.7
-80°	0.0	1.5	2.9	4.8	6.9	9.4	12.6	16.7	20.0	22.5	24.2
-82.5°	0.0	1.1	2.2	3.6	5.2	7.1	9.1	10.3	11.6	13.8	15.6
-85°	0.0	0.7	1.5	2.4	3.5	4.7	6.1	6.8	7.5	8.1	8.5
-87.5°	0.0	0.4	0.7	1.2	1.8	2.4	3.1	3.4	3.7	4.0	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





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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.3	4.2	4.1	3.9	3.6	3.3	2.9	2.4	2.5	2.6	2.7
85°	8.6	8.5	9.1	9.8	10.0	10.0	9.6	9.0	10.4	11.9	13.5
82.5°	17.1	18.6	20.0	21.4	21.4	20.9	20.2	19.4	22.3	26.0	29.9
80°	26.4	28.7	32.0	35.4	36.3	36.0	34.9	33.0	37.1	43.1	49.9
77.5°	37.8	42.4	47.0	51.7	52.9	51.9	49.7	46.2	51.4	61.1	71.9
75°	50.2	56.1	63.4	69.2	70.4	68.4	65.0	61.9	68.3	80.3	91.9
72.5°	65.6	75.1	82.4	87.5	87.8	86.0	84.3	82.7	89.8	104.1	115.9
70°	85.2	94.7	100.4	103.5	104.2	105.3	110.1	114.6	121.7	133.9	143.6
67.5°	104.6	112.2	117.3	121.0	128.3	135.2	141.8	148.6	156.4	166.8	174.2
65°	122.0	129.8	136.5	145.2	155.8	164.2	173.0	182.6	193.5	203.2	210.3
62.5°	139.1	147.4	156.8	168.4	180.7	191.9	205.0	218.3	231.2	242.3	254.4
60°	153.2	164.3	176.9	190.8	205.6	222.7	238.4	253.8	268.0	281.8	298.8
57.5°	166.5	181.6	197.0	213.7	233.2	254.0	272.4	289.3	307.0	327.0	343.8
55°	180.6	199.5	217.2	237.4	260.6	285.7	305.9	324.9	346.7	370.8	389.6
52.5°	195.7	216.6	237.5	261.7	289.7	314.7	335.7	359.5	386.0	412.2	433.9
50°	210.4	233.5	257.7	288.5	316.3	340.1	366.3	395.0	422.6	449.4	475.1
47.5°	225.3	250.0	282.1	313.6	339.6	367.4	398.0	427.5	456.6	484.5	511.4
45°	239.8	269.1	304.8	334.7	363.5	395.6	427.2	458.1	488.7	518.4	547.8
42.5°	253.8	287.9	323.8	355.1	388.3	421.8	454.8	487.5	519.8	551.7	583.0
40°	269.1	305.0	342.8	377.0	411.6	446.6	481.3	515.9	549.9	583.6	616.9
37.5°	283.3	322.7	362.1	397.9	433.6	470.1	506.6	543.2	579.0	614.2	652.1
35°	295.9	340.7	380.4	417.9	455.3	492.4	531.0	569.4	607.3	645.4	693.7
32.5°	310.0	358.7	397.7	437.2	476.0	514.2	554.3	594.9	635.2	679.8	749.2
30°	326.0	373.8	414.1	455.7	495.3	535.5	576.9	619.3	661.7	731.1	891.4
27.5°	341.6	387.7	430.0	472.6	513.4	555.2	598.5	642.5	701.6	808.2	1068.3
25°	356.0	401.0	445.0	488.0	530.3	573.5	618.3	664.0	744.2	959.6	1534.2
22.5°	368.1	413.9	459.6	502.2	545.5	590.1	636.7	697.4	821.3	1112.5	2052.7
20°	378.5	426.1	472.8	517.1	559.7	604.9	653.4	729.2	938.5	1548.9	2674.0
17.5°	388.1	437.3	485.1	531.4	576.1	620.4	670.2	756.7	1044.0	1928.1	3298.6
15°	397.0	447.2	496.4	544.7	591.0	637.1	696.6	834.7	1257.3	2304.7	3855.0
12.5°	404.9	456.0	506.8	557.1	604.3	652.1	720.3	912.2	1518.6	2746.4	4234.8
10°	411.9	463.5	516.0	568.3	616.1	665.2	740.3	975.8	1733.5	3109.7	4540.0
7.5°	418.4	470.8	524.6	578.2	626.3	676.4	756.7	1025.5	1899.4	3383.3	4783.6
5°	423.8	477.9	534.8	589.1	639.1	688.7	770.8	1061.1	2016.0	3567.7	4960.9
2.5°	428.0	483.8	543.6	598.7	653.2	703.5	786.8	1087.5	2091.1	3685.1	5074.4
0°	430.9	488.4	550.9	606.7	665.8	716.5	799.3	1100.1	2119.1	3727.9	5117.0
-2.5°	428.0	483.8	543.6	598.7	653.2	703.5	786.8	1087.5	2091.1	3685.1	5074.4
-5°	423.8	477.9	534.8	589.1	639.1	688.7	770.8	1061.1	2016.0	3567.7	4960.9
-7.5°	418.4	470.8	524.6	578.2	626.3	676.4	756.7	1025.5	1899.4	3383.3	4783.6
-10°	411.9	463.5	516.0	568.3	616.1	665.2	740.3	975.8	1733.5	3109.7	4540.0
-12.5°	404.9	456.0	506.8	557.1	604.3	652.1	720.3	912.2	1518.6	2746.4	4234.8
-15°	397.0	447.2	496.4	544.7	591.0	637.1	696.6	834.7	1257.3	2304.7	3855.0
-17.5°	388.1	437.3	485.1	531.4	576.1	620.4	670.2	756.7	1044.0	1928.1	3298.6
-20°	378.5	426.1	472.8	517.1	559.7	604.9	653.4	729.2	938.5	1548.9	2674.0



REPORT NUMBER: P558869 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-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°	368.1	413.9	459.6	502.2	545.5	590.1	636.7	697.4	821.3	1112.5	2052.7
-25°	356.0	401.0	445.0	488.0	530.3	573.5	618.3	664.0	744.2	959.6	1534.2
-27.5°	341.6	387.7	430.0	472.6	513.4	555.2	598.5	642.5	701.6	808.2	1068.3
-30°	326.0	373.8	414.1	455.7	495.3	535.5	576.9	619.3	661.7	731.1	891.4
-32.5°	310.0	358.7	397.7	437.2	476.0	514.2	554.3	594.9	635.2	679.8	749.2
-35°	295.9	340.7	380.4	417.9	455.3	492.4	531.0	569.4	607.3	645.4	693.7
-37.5°	283.3	322.7	362.1	397.9	433.6	470.1	506.6	543.2	579.0	614.2	652.1
-40°	269.1	305.0	342.8	377.0	411.6	446.6	481.3	515.9	549.9	583.6	616.9
-42.5°	253.8	287.9	323.8	355.1	388.3	421.8	454.8	487.5	519.8	551.7	583.0
-45°	239.8	269.1	304.8	334.7	363.5	395.6	427.2	458.1	488.7	518.4	547.8
-47.5°	225.3	250.0	282.1	313.6	339.6	367.4	398.0	427.5	456.6	484.5	511.4
-50°	210.4	233.5	257.7	288.5	316.3	340.1	366.3	395.0	422.6	449.4	475.1
-52.5°	195.7	216.6	237.5	261.7	289.7	314.7	335.7	359.5	386.0	412.2	433.9
-55°	180.6	199.5	217.2	237.4	260.6	285.7	305.9	324.9	346.7	370.8	389.6
-57.5°	166.5	181.6	197.0	213.7	233.2	254.0	272.4	289.3	307.0	327.0	343.8
-60°	153.2	164.3	176.9	190.8	205.6	222.7	238.4	253.8	268.0	281.8	298.8
-62.5°	139.1	147.4	156.8	168.4	180.7	191.9	205.0	218.3	231.2	242.3	254.4
-65°	122.0	129.8	136.5	145.2	155.8	164.2	173.0	182.6	193.5	203.2	210.3
-67.5°	104.6	112.2	117.3	121.0	128.3	135.2	141.8	148.6	156.4	166.8	174.2
-70°	85.2	94.7	100.4	103.5	104.2	105.3	110.1	114.6	121.7	133.9	143.6
-72.5°	65.6	75.1	82.4	87.5	87.8	86.0	84.3	82.7	89.8	104.1	115.9
-75°	50.2	56.1	63.4	69.2	70.4	68.4	65.0	61.9	68.3	80.3	91.9
-77.5°	37.8	42.4	47.0	51.7	52.9	51.9	49.7	46.2	51.4	61.1	71.9
-80°	26.4	28.7	32.0	35.4	36.3	36.0	34.9	33.0	37.1	43.1	49.9
-82.5°	17.1	18.6	20.0	21.4	21.4	20.9	20.2	19.4	22.3	26.0	29.9
-85°	8.6	8.5	9.1	9.8	10.0	10.0	9.6	9.0	10.4	11.9	13.5
-87.5°	4.3	4.2	4.1	3.9	3.6	3.3	2.9	2.4	2.5	2.6	2.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558869 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-940-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2	3.3	2.9	2.5
85°	15.2	14.8	14.0	12.9	11.7	12.3	13.0	13.7	14.4	13.4	12.4
82.5°	34.1	34.5	34.5	34.4	34.2	35.7	37.1	38.4	39.4	36.4	32.9
80°	57.4	60.2	61.8	63.2	64.5	64.5	63.6	62.1	60.0	54.9	49.2
77.5°	83.0	87.3	89.4	91.6	93.8	94.6	95.1	95.7	96.3	87.4	76.0
75°	103.0	109.4	113.1	116.5	119.7	121.5	122.5	123.2	123.4	112.7	98.8
72.5°	125.6	131.9	136.3	140.6	144.6	147.1	148.7	149.8	150.6	141.2	127.9
70°	150.5	155.5	160.8	166.1	170.9	174.3	176.5	178.3	179.6	178.7	178.0
67.5°	180.0	184.4	190.9	195.9	201.0	204.7	208.4	211.5	213.7	216.2	219.0
65°	217.1	227.5	236.9	241.8	242.5	247.7	256.2	261.8	264.5	266.7	269.5
62.5°	268.5	281.2	287.9	296.0	306.4	316.0	319.8	324.8	330.8	338.0	346.3
60°	312.6	323.1	333.9	345.0	354.6	362.6	371.3	380.0	387.9	395.1	402.1
57.5°	357.7	369.2	380.2	393.3	402.4	407.8	416.3	426.6	434.6	440.9	450.3
55°	404.5	419.3	434.3	446.0	454.7	460.3	466.7	476.7	482.7	485.0	495.9
52.5°	451.4	469.0	487.4	501.3	510.4	518.9	526.8	535.6	541.6	544.5	555.2
50°	495.0	515.8	536.4	554.4	566.6	580.8	596.8	604.8	609.9	615.5	627.5
47.5°	536.4	559.7	581.8	602.1	619.7	635.7	649.5	662.8	682.3	697.9	713.3
45°	576.2	601.1	625.0	647.9	667.5	698.6	728.3	753.5	820.9	877.6	920.8
42.5°	613.7	643.8	670.7	708.8	750.3	822.1	933.1	1035.9	1234.8	1490.9	1704.8
40°	652.8	691.8	740.0	814.2	954.5	1098.7	1530.0	1914.3	2292.2	2722.1	3090.4
37.5°	698.4	757.2	898.4	1066.0	1515.9	2013.5	2624.7	3224.6	3747.0	4194.0	4567.2
35°	758.9	940.4	1204.2	1814.8	2479.5	3295.4	3999.8	4564.0	5080.1	5494.3	5806.0
32.5°	936.9	1269.0	1966.0	2805.8	3720.1	4508.3	5194.4	5734.7	6205.4	6576.6	6865.6
30°	1197.6	1960.9	2907.5	3913.3	4823.9	5576.6	6210.5	6725.5	7145.7	7523.4	7840.5
27.5°	1817.1	2799.3	3911.9	4937.8	5766.1	6470.8	7039.5	7549.5	8012.8	8410.5	8785.4
25°	2495.1	3710.9	4833.2	5766.8	6539.9	7201.0	7800.8	8358.7	8877.4	9342.8	9778.9
22.5°	3309.2	4521.8	5594.4	6458.5	7207.6	7886.7	8523.8	9144.7	9748.5	10316.5	10844.2
20°	4046.4	5236.5	6171.7	7034.7	7813.0	8520.6	9222.7	9946.5	10643.3	11327.5	11962.8
17.5°	4620.8	5728.0	6666.9	7541.6	8333.7	9135.2	9938.8	10770.0	11610.5	12405.1	13165.0
15°	5100.5	6137.9	7089.4	7964.1	8835.1	9719.3	10617.0	11596.3	12596.0	13547.1	14515.8
12.5°	5440.5	6480.0	7444.7	8322.3	9298.8	10258.7	11303.7	12419.7	13574.3	14682.2	15872.1
10°	5713.8	6752.9	7709.5	8655.9	9689.3	10753.6	11925.6	13154.9	14532.6	15844.4	17126.5
7.5°	5948.4	6980.6	7922.3	8927.8	10014.1	11184.0	12458.6	13848.4	15339.3	16799.1	18325.2
5°	6120.0	7135.9	8087.7	9150.8	10263.9	11498.4	12869.7	14354.8	15953.8	17553.2	19062.4
2.5°	6210.8	7224.4	8190.4	9289.1	10410.3	11688.9	13117.1	14691.2	16380.1	18125.3	19613.4
0°	6208.7	7261.5	8229.9	9382.4	10518.0	11746.6	13223.5	14906.7	16554.4	18367.6	19895.3
-2.5°	6210.8	7224.4	8190.4	9289.1	10410.3	11688.9	13117.1	14691.2	16380.1	18125.3	19613.4
-5°	6120.0	7135.9	8087.7	9150.8	10263.9	11498.4	12869.7	14354.8	15953.8	17553.2	19062.4
-7.5°	5948.4	6980.6	7922.3	8927.8	10014.1	11184.0	12458.6	13848.4	15339.3	16799.1	18325.2
-10°	5713.8	6752.9	7709.5	8655.9	9689.3	10753.6	11925.6	13154.9	14532.6	15844.4	17126.5
-12.5°	5440.5	6480.0	7444.7	8322.3	9298.8	10258.7	11303.7	12419.7	13574.3	14682.2	15872.1
-15°	5100.5	6137.9	7089.4	7964.1	8835.1	9719.3	10617.0	11596.3	12596.0	13547.1	14515.8
-17.5°	4620.8	5728.0	6666.9	7541.6	8333.7	9135.2	9938.8	10770.0	11610.5	12405.1	13165.0
-20°	4046.4	5236.5	6171.7	7034.7	7813.0	8520.6	9222.7	9946.5	10643.3	11327.5	11962.8



REPORT NUMBER: P558869 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-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°	3309.2	4521.8	5594.4	6458.5	7207.6	7886.7	8523.8	9144.7	9748.5	10316.5	10844.2
-25°	2495.1	3710.9	4833.2	5766.8	6539.9	7201.0	7800.8	8358.7	8877.4	9342.8	9778.9
-27.5°	1817.1	2799.3	3911.9	4937.8	5766.1	6470.8	7039.5	7549.5	8012.8	8410.5	8785.4
-30°	1197.6	1960.9	2907.5	3913.3	4823.9	5576.6	6210.5	6725.5	7145.7	7523.4	7840.5
-32.5°	936.9	1269.0	1966.0	2805.8	3720.1	4508.3	5194.4	5734.7	6205.4	6576.6	6865.6
-35°	758.9	940.4	1204.2	1814.8	2479.5	3295.4	3999.8	4564.0	5080.1	5494.3	5806.0
-37.5°	698.4	757.2	898.4	1066.0	1515.9	2013.5	2624.7	3224.6	3747.0	4194.0	4567.2
-40°	652.8	691.8	740.0	814.2	954.5	1098.7	1530.0	1914.3	2292.2	2722.1	3090.4
-42.5°	613.7	643.8	670.7	708.8	750.3	822.1	933.1	1035.9	1234.8	1490.9	1704.8
-45°	576.2	601.1	625.0	647.9	667.5	698.6	728.3	753.5	820.9	877.6	920.8
-47.5°	536.4	559.7	581.8	602.1	619.7	635.7	649.5	662.8	682.3	697.9	713.3
-50°	495.0	515.8	536.4	554.4	566.6	580.8	596.8	604.8	609.9	615.5	627.5
-52.5°	451.4	469.0	487.4	501.3	510.4	518.9	526.8	535.6	541.6	544.5	555.2
-55°	404.5	419.3	434.3	446.0	454.7	460.3	466.7	476.7	482.7	485.0	495.9
-57.5°	357.7	369.2	380.2	393.3	402.4	407.8	416.3	426.6	434.6	440.9	450.3
-60°	312.6	323.1	333.9	345.0	354.6	362.6	371.3	380.0	387.9	395.1	402.1
-62.5°	268.5	281.2	287.9	296.0	306.4	316.0	319.8	324.8	330.8	338.0	346.3
-65°	217.1	227.5	236.9	241.8	242.5	247.7	256.2	261.8	264.5	266.7	269.5
-67.5°	180.0	184.4	190.9	195.9	201.0	204.7	208.4	211.5	213.7	216.2	219.0
-70°	150.5	155.5	160.8	166.1	170.9	174.3	176.5	178.3	179.6	178.7	178.0
-72.5°	125.6	131.9	136.3	140.6	144.6	147.1	148.7	149.8	150.6	141.2	127.9
-75°	103.0	109.4	113.1	116.5	119.7	121.5	122.5	123.2	123.4	112.7	98.8
-77.5°	83.0	87.3	89.4	91.6	93.8	94.6	95.1	95.7	96.3	87.4	76.0
-80°	57.4	60.2	61.8	63.2	64.5	64.5	63.6	62.1	60.0	54.9	49.2
-82.5°	34.1	34.5	34.5	34.4	34.2	35.7	37.1	38.4	39.4	36.4	32.9
-85°	15.2	14.8	14.0	12.9	11.7	12.3	13.0	13.7	14.4	13.4	12.4
-87.5°	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2	3.3	2.9	2.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558869 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-940-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.1	1.7	1.7	1.7	1.7	1.7	2.1	2.5	2.9	3.3	3.2
85°	11.2	10.0	10.1	10.1	10.1	10.0	11.2	12.4	13.4	14.4	13.7
82.5°	29.2	25.2	25.3	25.3	25.3	25.2	29.2	32.9	36.4	39.4	38.4
80°	43.3	37.2	38.0	38.9	38.0	37.2	43.3	49.2	54.9	60.0	62.1
77.5°	63.8	51.1	50.6	50.7	50.6	51.1	63.8	76.0	87.4	96.3	95.7
75°	84.5	69.9	69.2	69.3	69.2	69.9	84.5	98.8	112.7	123.4	123.2
72.5°	114.3	100.3	93.9	87.9	93.9	100.3	114.3	127.9	141.2	150.6	149.8
70°	178.1	178.5	172.3	163.9	172.3	178.5	178.1	178.0	178.7	179.6	178.3
67.5°	221.4	223.2	225.8	228.1	225.8	223.2	221.4	219.0	216.2	213.7	211.5
65°	270.8	270.7	271.6	272.1	271.6	270.7	270.8	269.5	266.7	264.5	261.8
62.5°	353.3	359.0	363.0	365.0	363.0	359.0	353.3	346.3	338.0	330.8	324.8
60°	408.0	412.7	419.3	425.9	419.3	412.7	408.0	402.1	395.1	387.9	380.0
57.5°	459.1	467.1	473.5	478.2	473.5	467.1	459.1	450.3	440.9	434.6	426.6
55°	506.3	515.5	524.3	532.3	524.3	515.5	506.3	495.9	485.0	482.7	476.7
52.5°	565.5	573.1	585.6	601.6	585.6	573.1	565.5	555.2	544.5	541.6	535.6
50°	641.3	652.8	668.6	687.8	668.6	652.8	641.3	627.5	615.5	609.9	604.8
47.5°	728.8	740.3	755.6	775.7	755.6	740.3	728.8	713.3	697.9	682.3	662.8
45°	960.3	987.4	1012.1	1039.3	1012.1	987.4	960.3	920.8	877.6	820.9	753.5
42.5°	1876.2	1994.8	2046.0	2016.1	2046.0	1994.8	1876.2	1704.8	1490.9	1234.8	1035.9
40°	3371.2	3568.3	3684.2	3724.6	3684.2	3568.3	3371.2	3090.4	2722.1	2292.2	1914.3
37.5°	4839.8	5021.2	5119.0	5130.6	5119.0	5021.2	4839.8	4567.2	4194.0	3747.0	3224.6
35°	6031.1	6180.5	6269.0	6335.5	6269.0	6180.5	6031.1	5806.0	5494.3	5080.1	4564.0
32.5°	7100.9	7271.2	7369.6	7347.7	7369.6	7271.2	7100.9	6865.6	6576.6	6205.4	5734.7
30°	8100.4	8286.6	8402.2	8405.6	8402.2	8286.6	8100.4	7840.5	7523.4	7145.7	6725.5
27.5°	9088.5	9297.5	9418.1	9512.5	9418.1	9297.5	9088.5	8785.4	8410.5	8012.8	7549.5
25°	10142.6	10403.1	10557.8	10651.5	10557.8	10403.1	10142.6	9778.9	9342.8	8877.4	8358.7
22.5°	11279.1	11601.9	11813.9	11902.0	11813.9	11601.9	11279.1	10844.2	10316.5	9748.5	9144.7
20°	12515.4	12915.3	13186.1	13177.9	13186.1	12915.3	12515.4	11962.8	11327.5	10643.3	9946.5
17.5°	13894.8	14410.8	14759.8	14810.4	14759.8	14410.8	13894.8	13165.0	12405.1	11610.5	10770.0
15°	15373.8	16038.9	16490.5	16630.4	16490.5	16038.9	15373.8	14515.8	13547.1	12596.0	11596.3
12.5°	16889.3	17680.4	18282.3	18482.5	18282.3	17680.4	16889.3	15872.1	14682.2	13574.3	12419.7
10°	18333.3	19209.6	19863.0	20152.2	19863.0	19209.6	18333.3	17126.5	15844.4	14532.6	13154.9
7.5°	19540.4	20430.7	21103.8	21341.9	21103.8	20430.7	19540.4	18325.2	16799.1	15339.3	13848.4
5°	20335.6	21308.4	21831.7	22126.0	21831.7	21308.4	20335.6	19062.4	17553.2	15953.8	14354.8
2.5°	20867.0	21691.8	22221.8	22492.7	22221.8	21691.8	20867.0	19613.4	18125.3	16380.1	14691.2
0°	21149.2	21989.1	22377.8	22509.6	22377.8	21989.1	21149.2	19895.3	18367.6	16554.4	14906.7
-2.5°	20867.0	21691.8	22221.8	22492.7	22221.8	21691.8	20867.0	19613.4	18125.3	16380.1	14691.2
-5°	20335.6	21308.4	21831.7	22126.0	21831.7	21308.4	20335.6	19062.4	17553.2	15953.8	14354.8
-7.5°	19540.4	20430.7	21103.8	21341.9	21103.8	20430.7	19540.4	18325.2	16799.1	15339.3	13848.4
-10°	18333.3	19209.6	19863.0	20152.2	19863.0	19209.6	18333.3	17126.5	15844.4	14532.6	13154.9
-12.5°	16889.3	17680.4	18282.3	18482.5	18282.3	17680.4	16889.3	15872.1	14682.2	13574.3	12419.7
-15°	15373.8	16038.9	16490.5	16630.4	16490.5	16038.9	15373.8	14515.8	13547.1	12596.0	11596.3
-17.5°	13894.8	14410.8	14759.8	14810.4	14759.8	14410.8	13894.8	13165.0	12405.1	11610.5	10770.0
-20°	12515.4	12915.3	13186.1	13177.9	13186.1	12915.3	12515.4	11962.8	11327.5	10643.3	9946.5



REPORT NUMBER: P558869 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-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°	11279.1	11601.9	11813.9	11902.0	11813.9	11601.9	11279.1	10844.2	10316.5	9748.5	9144.7
-25°	10142.6	10403.1	10557.8	10651.5	10557.8	10403.1	10142.6	9778.9	9342.8	8877.4	8358.7
-27.5°	9088.5	9297.5	9418.1	9512.5	9418.1	9297.5	9088.5	8785.4	8410.5	8012.8	7549.5
-30°	8100.4	8286.6	8402.2	8405.6	8402.2	8286.6	8100.4	7840.5	7523.4	7145.7	6725.5
-32.5°	7100.9	7271.2	7369.6	7347.7	7369.6	7271.2	7100.9	6865.6	6576.6	6205.4	5734.7
-35°	6031.1	6180.5	6269.0	6335.5	6269.0	6180.5	6031.1	5806.0	5494.3	5080.1	4564.0
-37.5°	4839.8	5021.2	5119.0	5130.6	5119.0	5021.2	4839.8	4567.2	4194.0	3747.0	3224.6
-40°	3371.2	3568.3	3684.2	3724.6	3684.2	3568.3	3371.2	3090.4	2722.1	2292.2	1914.3
-42.5°	1876.2	1994.8	2046.0	2016.1	2046.0	1994.8	1876.2	1704.8	1490.9	1234.8	1035.9
-45°	960.3	987.4	1012.1	1039.3	1012.1	987.4	960.3	920.8	877.6	820.9	753.5
-47.5°	728.8	740.3	755.6	775.7	755.6	740.3	728.8	713.3	697.9	682.3	662.8
-50°	641.3	652.8	668.6	687.8	668.6	652.8	641.3	627.5	615.5	609.9	604.8
-52.5°	565.5	573.1	585.6	601.6	585.6	573.1	565.5	555.2	544.5	541.6	535.6
-55°	506.3	515.5	524.3	532.3	524.3	515.5	506.3	495.9	485.0	482.7	476.7
-57.5°	459.1	467.1	473.5	478.2	473.5	467.1	459.1	450.3	440.9	434.6	426.6
-60°	408.0	412.7	419.3	425.9	419.3	412.7	408.0	402.1	395.1	387.9	380.0
-62.5°	353.3	359.0	363.0	365.0	363.0	359.0	353.3	346.3	338.0	330.8	324.8
-65°	270.8	270.7	271.6	272.1	271.6	270.7	270.8	269.5	266.7	264.5	261.8
-67.5°	221.4	223.2	225.8	228.1	225.8	223.2	221.4	219.0	216.2	213.7	211.5
-70°	178.1	178.5	172.3	163.9	172.3	178.5	178.1	178.0	178.7	179.6	178.3
-72.5°	114.3	100.3	93.9	87.9	93.9	100.3	114.3	127.9	141.2	150.6	149.8
-75°	84.5	69.9	69.2	69.3	69.2	69.9	84.5	98.8	112.7	123.4	123.2
-77.5°	63.8	51.1	50.6	50.7	50.6	51.1	63.8	76.0	87.4	96.3	95.7
-80°	43.3	37.2	38.0	38.9	38.0	37.2	43.3	49.2	54.9	60.0	62.1
-82.5°	29.2	25.2	25.3	25.3	25.3	25.2	29.2	32.9	36.4	39.4	38.4
-85°	11.2	10.0	10.1	10.1	10.1	10.0	11.2	12.4	13.4	14.4	13.7
-87.5°	2.1	1.7	1.7	1.7	1.7	1.7	2.1	2.5	2.9	3.3	3.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P558869 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4
85°	13.0	12.3	11.7	12.9	14.0	14.8	15.2	13.5	11.9	10.4	9.0
82.5°	37.1	35.7	34.2	34.4	34.5	34.5	34.1	29.9	26.0	22.3	19.4
80°	63.6	64.5	64.5	63.2	61.8	60.2	57.4	49.9	43.1	37.1	33.0
77.5°	95.1	94.6	93.8	91.6	89.4	87.3	83.0	71.9	61.1	51.4	46.2
75°	122.5	121.5	119.7	116.5	113.1	109.4	103.0	91.9	80.3	68.3	61.9
72.5°	148.7	147.1	144.6	140.6	136.3	131.9	125.6	115.9	104.1	89.8	82.7
70°	176.5	174.3	170.9	166.1	160.8	155.5	150.5	143.6	133.9	121.7	114.6
67.5°	208.4	204.7	201.0	195.9	190.9	184.4	180.0	174.2	166.8	156.4	148.6
65°	256.2	247.7	242.5	241.8	236.9	227.5	217.1	210.3	203.2	193.5	182.6
62.5°	319.8	316.0	306.4	296.0	287.9	281.2	268.5	254.4	242.3	231.2	218.3
60°	371.3	362.6	354.6	345.0	333.9	323.1	312.6	298.8	281.8	268.0	253.8
57.5°	416.3	407.8	402.4	393.3	380.2	369.2	357.7	343.8	327.0	307.0	289.3
55°	466.7	460.3	454.7	446.0	434.3	419.3	404.5	389.6	370.8	346.7	324.9
52.5°	526.8	518.9	510.4	501.3	487.4	469.0	451.4	433.9	412.2	386.0	359.5
50°	596.8	580.8	566.6	554.4	536.4	515.8	495.0	475.1	449.4	422.6	395.0
47.5°	649.5	635.7	619.7	602.1	581.8	559.7	536.4	511.4	484.5	456.6	427.5
45°	728.3	698.6	667.5	647.9	625.0	601.1	576.2	547.8	518.4	488.7	458.1
42.5°	933.1	822.1	750.3	708.8	670.7	643.8	613.7	583.0	551.7	519.8	487.5
40°	1530.0	1098.7	954.5	814.2	740.0	691.8	652.8	616.9	583.6	549.9	515.9
37.5°	2624.7	2013.5	1515.9	1066.0	898.4	757.2	698.4	652.1	614.2	579.0	543.2
35°	3999.8	3295.4	2479.5	1814.8	1204.2	940.4	758.9	693.7	645.4	607.3	569.4
32.5°	5194.4	4508.3	3720.1	2805.8	1966.0	1269.0	936.9	749.2	679.8	635.2	594.9
30°	6210.5	5576.6	4823.9	3913.3	2907.5	1960.9	1197.6	891.4	731.1	661.7	619.3
27.5°	7039.5	6470.8	5766.1	4937.8	3911.9	2799.3	1817.1	1068.3	808.2	701.6	642.5
25°	7800.8	7201.0	6539.9	5766.8	4833.2	3710.9	2495.1	1534.2	959.6	744.2	664.0
22.5°	8523.8	7886.7	7207.6	6458.5	5594.4	4521.8	3309.2	2052.7	1112.5	821.3	697.4
20°	9222.7	8520.6	7813.0	7034.7	6171.7	5236.5	4046.4	2674.0	1548.9	938.5	729.2
17.5°	9938.8	9135.2	8333.7	7541.6	6666.9	5728.0	4620.8	3298.6	1928.1	1044.0	756.7
15°	10617.0	9719.3	8835.1	7964.1	7089.4	6137.9	5100.5	3855.0	2304.7	1257.3	834.7
12.5°	11303.7	10258.7	9298.8	8322.3	7444.7	6480.0	5440.5	4234.8	2746.4	1518.6	912.2
10°	11925.6	10753.6	9689.3	8655.9	7709.5	6752.9	5713.8	4540.0	3109.7	1733.5	975.8
7.5°	12458.6	11184.0	10014.1	8927.8	7922.3	6980.6	5948.4	4783.6	3383.3	1899.4	1025.5
5°	12869.7	11498.4	10263.9	9150.8	8087.7	7135.9	6120.0	4960.9	3567.7	2016.0	1061.1
2.5°	13117.1	11688.9	10410.3	9289.1	8190.4	7224.4	6210.8	5074.4	3685.1	2091.1	1087.5
0°	13223.5	11746.6	10518.0	9382.4	8229.9	7261.5	6208.7	5117.0	3727.9	2119.1	1100.1
-2.5°	13117.1	11688.9	10410.3	9289.1	8190.4	7224.4	6210.8	5074.4	3685.1	2091.1	1087.5
-5°	12869.7	11498.4	10263.9	9150.8	8087.7	7135.9	6120.0	4960.9	3567.7	2016.0	1061.1
-7.5°	12458.6	11184.0	10014.1	8927.8	7922.3	6980.6	5948.4	4783.6	3383.3	1899.4	1025.5
-10°	11925.6	10753.6	9689.3	8655.9	7709.5	6752.9	5713.8	4540.0	3109.7	1733.5	975.8
-12.5°	11303.7	10258.7	9298.8	8322.3	7444.7	6480.0	5440.5	4234.8	2746.4	1518.6	912.2
-15°	10617.0	9719.3	8835.1	7964.1	7089.4	6137.9	5100.5	3855.0	2304.7	1257.3	834.7
-17.5°	9938.8	9135.2	8333.7	7541.6	6666.9	5728.0	4620.8	3298.6	1928.1	1044.0	756.7
-20°	9222.7	8520.6	7813.0	7034.7	6171.7	5236.5	4046.4	2674.0	1548.9	938.5	729.2



REPORT NUMBER: P558869 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-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°	8523.8	7886.7	7207.6	6458.5	5594.4	4521.8	3309.2	2052.7	1112.5	821.3	697.4
-25°	7800.8	7201.0	6539.9	5766.8	4833.2	3710.9	2495.1	1534.2	959.6	744.2	664.0
-27.5°	7039.5	6470.8	5766.1	4937.8	3911.9	2799.3	1817.1	1068.3	808.2	701.6	642.5
-30°	6210.5	5576.6	4823.9	3913.3	2907.5	1960.9	1197.6	891.4	731.1	661.7	619.3
-32.5°	5194.4	4508.3	3720.1	2805.8	1966.0	1269.0	936.9	749.2	679.8	635.2	594.9
-35°	3999.8	3295.4	2479.5	1814.8	1204.2	940.4	758.9	693.7	645.4	607.3	569.4
-37.5°	2624.7	2013.5	1515.9	1066.0	898.4	757.2	698.4	652.1	614.2	579.0	543.2
-40°	1530.0	1098.7	954.5	814.2	740.0	691.8	652.8	616.9	583.6	549.9	515.9
-42.5°	933.1	822.1	750.3	708.8	670.7	643.8	613.7	583.0	551.7	519.8	487.5
-45°	728.3	698.6	667.5	647.9	625.0	601.1	576.2	547.8	518.4	488.7	458.1
-47.5°	649.5	635.7	619.7	602.1	581.8	559.7	536.4	511.4	484.5	456.6	427.5
-50°	596.8	580.8	566.6	554.4	536.4	515.8	495.0	475.1	449.4	422.6	395.0
-52.5°	526.8	518.9	510.4	501.3	487.4	469.0	451.4	433.9	412.2	386.0	359.5
-55°	466.7	460.3	454.7	446.0	434.3	419.3	404.5	389.6	370.8	346.7	324.9
-57.5°	416.3	407.8	402.4	393.3	380.2	369.2	357.7	343.8	327.0	307.0	289.3
-60°	371.3	362.6	354.6	345.0	333.9	323.1	312.6	298.8	281.8	268.0	253.8
-62.5°	319.8	316.0	306.4	296.0	287.9	281.2	268.5	254.4	242.3	231.2	218.3
-65°	256.2	247.7	242.5	241.8	236.9	227.5	217.1	210.3	203.2	193.5	182.6
-67.5°	208.4	204.7	201.0	195.9	190.9	184.4	180.0	174.2	166.8	156.4	148.6
-70°	176.5	174.3	170.9	166.1	160.8	155.5	150.5	143.6	133.9	121.7	114.6
-72.5°	148.7	147.1	144.6	140.6	136.3	131.9	125.6	115.9	104.1	89.8	82.7
-75°	122.5	121.5	119.7	116.5	113.1	109.4	103.0	91.9	80.3	68.3	61.9
-77.5°	95.1	94.6	93.8	91.6	89.4	87.3	83.0	71.9	61.1	51.4	46.2
-80°	63.6	64.5	64.5	63.2	61.8	60.2	57.4	49.9	43.1	37.1	33.0
-82.5°	37.1	35.7	34.2	34.4	34.5	34.5	34.1	29.9	26.0	22.3	19.4
-85°	13.0	12.3	11.7	12.9	14.0	14.8	15.2	13.5	11.9	10.4	9.0
-87.5°	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4
-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: P558869 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-940-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.9	3.3	3.6	3.9	4.1	4.2	4.3	4.3	4.0	3.7	3.4
85°	9.6	10.0	10.0	9.8	9.1	8.5	8.6	8.5	8.1	7.5	6.8
82.5°	20.2	20.9	21.4	21.4	20.0	18.6	17.1	15.6	13.8	11.6	10.3
80°	34.9	36.0	36.3	35.4	32.0	28.7	26.4	24.2	22.5	20.0	16.7
77.5°	49.7	51.9	52.9	51.7	47.0	42.4	37.8	33.7	31.2	28.4	24.7
75°	65.0	68.4	70.4	69.2	63.4	56.1	50.2	45.4	41.8	37.1	32.8
72.5°	84.3	86.0	87.8	87.5	82.4	75.1	65.6	57.2	53.2	47.9	41.4
70°	110.1	105.3	104.2	103.5	100.4	94.7	85.2	74.0	64.7	58.7	51.4
67.5°	141.8	135.2	128.3	121.0	117.3	112.2	104.6	91.5	79.3	69.7	61.4
65°	173.0	164.2	155.8	145.2	136.5	129.8	122.0	108.0	93.3	81.1	71.5
62.5°	205.0	191.9	180.7	168.4	156.8	147.4	139.1	123.2	106.7	92.0	80.6
60°	238.4	222.7	205.6	190.8	176.9	164.3	153.2	138.3	120.4	102.4	88.9
57.5°	272.4	254.0	233.2	213.7	197.0	181.6	166.5	151.3	133.8	113.9	96.3
55°	305.9	285.7	260.6	237.4	217.2	199.5	180.6	163.4	146.4	125.7	101.7
52.5°	335.7	314.7	289.7	261.7	237.5	216.6	195.7	175.2	157.2	137.2	109.0
50°	366.3	340.1	316.3	288.5	257.7	233.5	210.4	188.3	167.7	147.8	115.8
47.5°	398.0	367.4	339.6	313.6	282.1	250.0	225.3	201.2	177.9	156.9	121.7
45°	427.2	395.6	363.5	334.7	304.8	269.1	239.8	213.5	188.9	161.6	126.8
42.5°	454.8	421.8	388.3	355.1	323.8	287.9	253.8	226.1	199.5	165.2	130.5
40°	481.3	446.6	411.6	377.0	342.8	305.0	269.1	238.3	208.9	168.3	132.8
37.5°	506.6	470.1	433.6	397.9	362.1	322.7	283.3	250.0	213.5	171.8	134.5
35°	531.0	492.4	455.3	417.9	380.4	340.7	295.9	261.2	220.3	174.7	135.5
32.5°	554.3	514.2	476.0	437.2	397.7	358.7	310.0	271.4	228.6	177.1	135.7
30°	576.9	535.5	495.3	455.7	414.1	373.8	326.0	281.4	238.3	178.8	135.7
27.5°	598.5	555.2	513.4	472.6	430.0	387.7	341.6	291.2	249.2	182.3	136.6
25°	618.3	573.5	530.3	488.0	445.0	401.0	356.0	300.9	258.3	189.7	137.0
22.5°	636.7	590.1	545.5	502.2	459.6	413.9	368.1	312.8	265.7	197.3	136.8
20°	653.4	604.9	559.7	517.1	472.8	426.1	378.5	323.6	272.7	205.1	136.1
17.5°	670.2	620.4	576.1	531.4	485.1	437.3	388.1	333.2	279.2	212.8	134.8
15°	696.6	637.1	591.0	544.7	496.4	447.2	397.0	341.7	285.1	220.2	134.4
12.5°	720.3	652.1	604.3	557.1	506.8	456.0	404.9	348.9	290.3	225.3	134.9
10°	740.3	665.2	616.1	568.3	516.0	463.5	411.9	355.1	294.7	227.3	134.6
7.5°	756.7	676.4	626.3	578.2	524.6	470.8	418.4	360.4	299.0	227.6	133.5
5°	770.8	688.7	639.1	589.1	534.8	477.9	423.8	364.3	302.8	226.0	131.8
2.5°	786.8	703.5	653.2	598.7	543.6	483.8	428.0	367.0	305.8	222.8	129.5
0°	799.3	716.5	665.8	606.7	550.9	488.4	430.9	368.4	307.6	218.0	126.7
-2.5°	786.8	703.5	653.2	598.7	543.6	483.8	428.0	367.0	305.8	222.8	129.5
-5°	770.8	688.7	639.1	589.1	534.8	477.9	423.8	364.3	302.8	226.0	131.8
-7.5°	756.7	676.4	626.3	578.2	524.6	470.8	418.4	360.4	299.0	227.6	133.5
-10°	740.3	665.2	616.1	568.3	516.0	463.5	411.9	355.1	294.7	227.3	134.6
-12.5°	720.3	652.1	604.3	557.1	506.8	456.0	404.9	348.9	290.3	225.3	134.9
-15°	696.6	637.1	591.0	544.7	496.4	447.2	397.0	341.7	285.1	220.2	134.4
-17.5°	670.2	620.4	576.1	531.4	485.1	437.3	388.1	333.2	279.2	212.8	134.8
-20°	653.4	604.9	559.7	517.1	472.8	426.1	378.5	323.6	272.7	205.1	136.1



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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°	636.7	590.1	545.5	502.2	459.6	413.9	368.1	312.8	265.7	197.3	136.8
-25°	618.3	573.5	530.3	488.0	445.0	401.0	356.0	300.9	258.3	189.7	137.0
-27.5°	598.5	555.2	513.4	472.6	430.0	387.7	341.6	291.2	249.2	182.3	136.6
-30°	576.9	535.5	495.3	455.7	414.1	373.8	326.0	281.4	238.3	178.8	135.7
-32.5°	554.3	514.2	476.0	437.2	397.7	358.7	310.0	271.4	228.6	177.1	135.7
-35°	531.0	492.4	455.3	417.9	380.4	340.7	295.9	261.2	220.3	174.7	135.5
-37.5°	506.6	470.1	433.6	397.9	362.1	322.7	283.3	250.0	213.5	171.8	134.5
-40°	481.3	446.6	411.6	377.0	342.8	305.0	269.1	238.3	208.9	168.3	132.8
-42.5°	454.8	421.8	388.3	355.1	323.8	287.9	253.8	226.1	199.5	165.2	130.5
-45°	427.2	395.6	363.5	334.7	304.8	269.1	239.8	213.5	188.9	161.6	126.8
-47.5°	398.0	367.4	339.6	313.6	282.1	250.0	225.3	201.2	177.9	156.9	121.7
-50°	366.3	340.1	316.3	288.5	257.7	233.5	210.4	188.3	167.7	147.8	115.8
-52.5°	335.7	314.7	289.7	261.7	237.5	216.6	195.7	175.2	157.2	137.2	109.0
-55°	305.9	285.7	260.6	237.4	217.2	199.5	180.6	163.4	146.4	125.7	101.7
-57.5°	272.4	254.0	233.2	213.7	197.0	181.6	166.5	151.3	133.8	113.9	96.3
-60°	238.4	222.7	205.6	190.8	176.9	164.3	153.2	138.3	120.4	102.4	88.9
-62.5°	205.0	191.9	180.7	168.4	156.8	147.4	139.1	123.2	106.7	92.0	80.6
-65°	173.0	164.2	155.8	145.2	136.5	129.8	122.0	108.0	93.3	81.1	71.5
-67.5°	141.8	135.2	128.3	121.0	117.3	112.2	104.6	91.5	79.3	69.7	61.4
-70°	110.1	105.3	104.2	103.5	100.4	94.7	85.2	74.0	64.7	58.7	51.4
-72.5°	84.3	86.0	87.8	87.5	82.4	75.1	65.6	57.2	53.2	47.9	41.4
-75°	65.0	68.4	70.4	69.2	63.4	56.1	50.2	45.4	41.8	37.1	32.8
-77.5°	49.7	51.9	52.9	51.7	47.0	42.4	37.8	33.7	31.2	28.4	24.7
-80°	34.9	36.0	36.3	35.4	32.0	28.7	26.4	24.2	22.5	20.0	16.7
-82.5°	20.2	20.9	21.4	21.4	20.0	18.6	17.1	15.6	13.8	11.6	10.3
-85°	9.6	10.0	10.0	9.8	9.1	8.5	8.6	8.5	8.1	7.5	6.8
-87.5°	2.9	3.3	3.6	3.9	4.1	4.2	4.3	4.3	4.0	3.7	3.4
-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°	3.1	2.4	1.8	1.2	0.7	0.4	0.0
85°	6.1	4.7	3.5	2.4	1.5	0.7	0.0
82.5°	9.1	7.1	5.2	3.6	2.2	1.1	0.0
80°	12.6	9.4	6.9	4.8	2.9	1.5	0.0
77.5°	19.8	12.8	8.6	6.0	3.6	1.8	0.0
75°	26.9	18.3	10.7	7.1	4.3	2.2	0.0
72.5°	33.8	23.7	14.7	8.2	5.0	2.5	0.0
70°	40.6	28.9	18.6	9.6	5.7	2.9	0.0
67.5°	48.6	33.9	22.4	12.2	6.4	3.2	0.0
65°	56.3	39.4	26.0	14.8	7.1	3.5	0.0
62.5°	63.6	45.1	29.5	17.3	7.7	3.9	0.0
60°	70.6	50.5	32.9	19.6	8.4	4.2	0.0
57.5°	75.4	55.7	36.7	21.9	9.9	4.5	0.0
55°	79.4	60.5	40.4	24.1	11.3	4.8	0.0
52.5°	82.8	64.6	43.8	26.1	12.7	5.1	0.0
50°	85.7	66.7	47.0	28.0	14.1	5.4	0.0
47.5°	88.3	68.4	50.0	29.9	15.4	5.7	0.0
45°	92.5	69.6	52.7	31.9	16.6	5.9	0.0
42.5°	96.2	70.4	55.1	33.8	17.8	6.2	0.0
40°	99.1	70.8	56.4	35.7	18.9	6.4	0.0
37.5°	101.4	70.8	56.6	37.7	19.9	6.7	0.0
35°	103.0	71.7	56.5	39.7	20.9	6.9	0.0
32.5°	103.9	72.8	56.2	41.6	21.8	7.1	0.0
30°	103.8	73.5	55.6	43.4	22.6	7.3	0.0
27.5°	103.2	73.7	56.2	45.2	23.4	7.5	0.0
25°	102.0	73.5	56.9	46.9	24.1	7.6	0.0
22.5°	100.4	73.7	57.4	48.5	24.7	7.8	0.0
20°	98.3	75.5	57.9	50.0	25.3	7.9	0.0
17.5°	98.5	77.2	58.2	51.4	25.7	8.0	0.0
15°	99.9	78.7	58.5	52.6	26.1	8.1	0.0
12.5°	101.1	79.9	58.7	53.8	26.5	8.2	0.0
10°	102.0	81.0	58.9	54.8	26.7	8.3	0.0
7.5°	102.7	81.8	59.0	55.7	26.9	8.3	0.0
5°	103.1	82.3	59.1	56.5	27.0	8.4	0.0
2.5°	103.2	82.7	59.1	57.1	27.0	8.4	0.0
0°	103.1	82.8	59.1	57.5	27.0	8.4	0.0
-2.5°	103.2	82.7	59.1	57.1	27.0	8.4	0.0
-5°	103.1	82.3	59.1	56.5	27.0	8.4	0.0
-7.5°	102.7	81.8	59.0	55.7	26.9	8.3	0.0
-10°	102.0	81.0	58.9	54.8	26.7	8.3	0.0
-12.5°	101.1	79.9	58.7	53.8	26.5	8.2	0.0
-15°	99.9	78.7	58.5	52.6	26.1	8.1	0.0
-17.5°	98.5	77.2	58.2	51.4	25.7	8.0	0.0
-20°	98.3	75.5	57.9	50.0	25.3	7.9	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	100.4	73.7	57.4	48.5	24.7	7.8	0.0
-25°	102.0	73.5	56.9	46.9	24.1	7.6	0.0
-27.5°	103.2	73.7	56.2	45.2	23.4	7.5	0.0
-30°	103.8	73.5	55.6	43.4	22.6	7.3	0.0
-32.5°	103.9	72.8	56.2	41.6	21.8	7.1	0.0
-35°	103.0	71.7	56.5	39.7	20.9	6.9	0.0
-37.5°	101.4	70.8	56.6	37.7	19.9	6.7	0.0
-40°	99.1	70.8	56.4	35.7	18.9	6.4	0.0
-42.5°	96.2	70.4	55.1	33.8	17.8	6.2	0.0
-45°	92.5	69.6	52.7	31.9	16.6	5.9	0.0
-47.5°	88.3	68.4	50.0	29.9	15.4	5.7	0.0
-50°	85.7	66.7	47.0	28.0	14.1	5.4	0.0
-52.5°	82.8	64.6	43.8	26.1	12.7	5.1	0.0
-55°	79.4	60.5	40.4	24.1	11.3	4.8	0.0
-57.5°	75.4	55.7	36.7	21.9	9.9	4.5	0.0
-60°	70.6	50.5	32.9	19.6	8.4	4.2	0.0
-62.5°	63.6	45.1	29.5	17.3	7.7	3.9	0.0
-65°	56.3	39.4	26.0	14.8	7.1	3.5	0.0
-67.5°	48.6	33.9	22.4	12.2	6.4	3.2	0.0
-70°	40.6	28.9	18.6	9.6	5.7	2.9	0.0
-72.5°	33.8	23.7	14.7	8.2	5.0	2.5	0.0
-75°	26.9	18.3	10.7	7.1	4.3	2.2	0.0
-77.5°	19.8	12.8	8.6	6.0	3.6	1.8	0.0
-80°	12.6	9.4	6.9	4.8	2.9	1.5	0.0
-82.5°	9.1	7.1	5.2	3.6	2.2	1.1	0.0
-85°	6.1	4.7	3.5	2.4	1.5	0.7	0.0
-87.5°	3.1	2.4	1.8	1.2	0.7	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)