

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: P558856 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-930-U-TS-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558856 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA3E-930-U-TS-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, TIGHT SPOT N2  
Light Source: (48) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

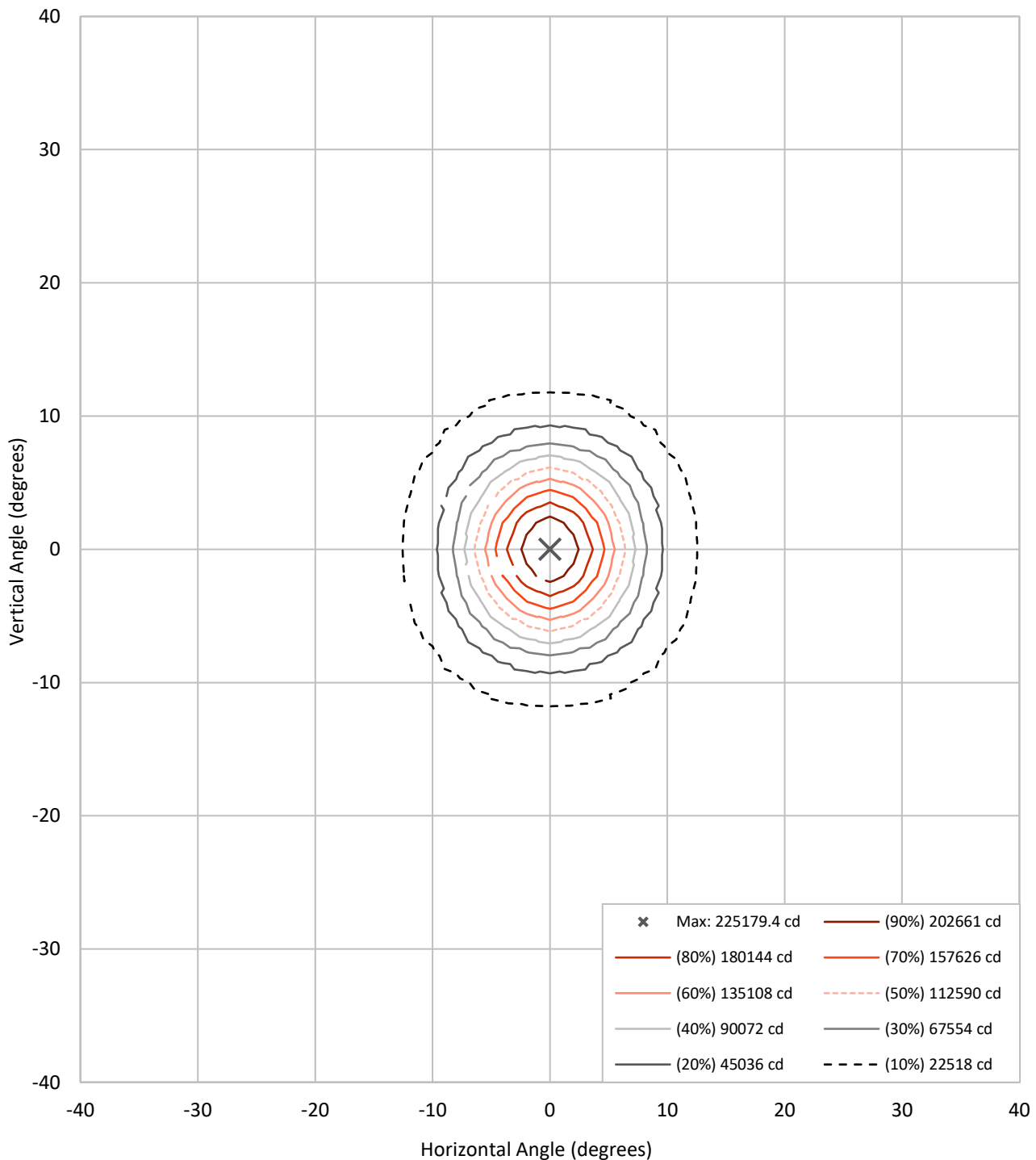
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	16322.5 lumens	Max Intensity:	225179.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	89.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	5157.6 lumens	Field Lumens:	11426 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

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





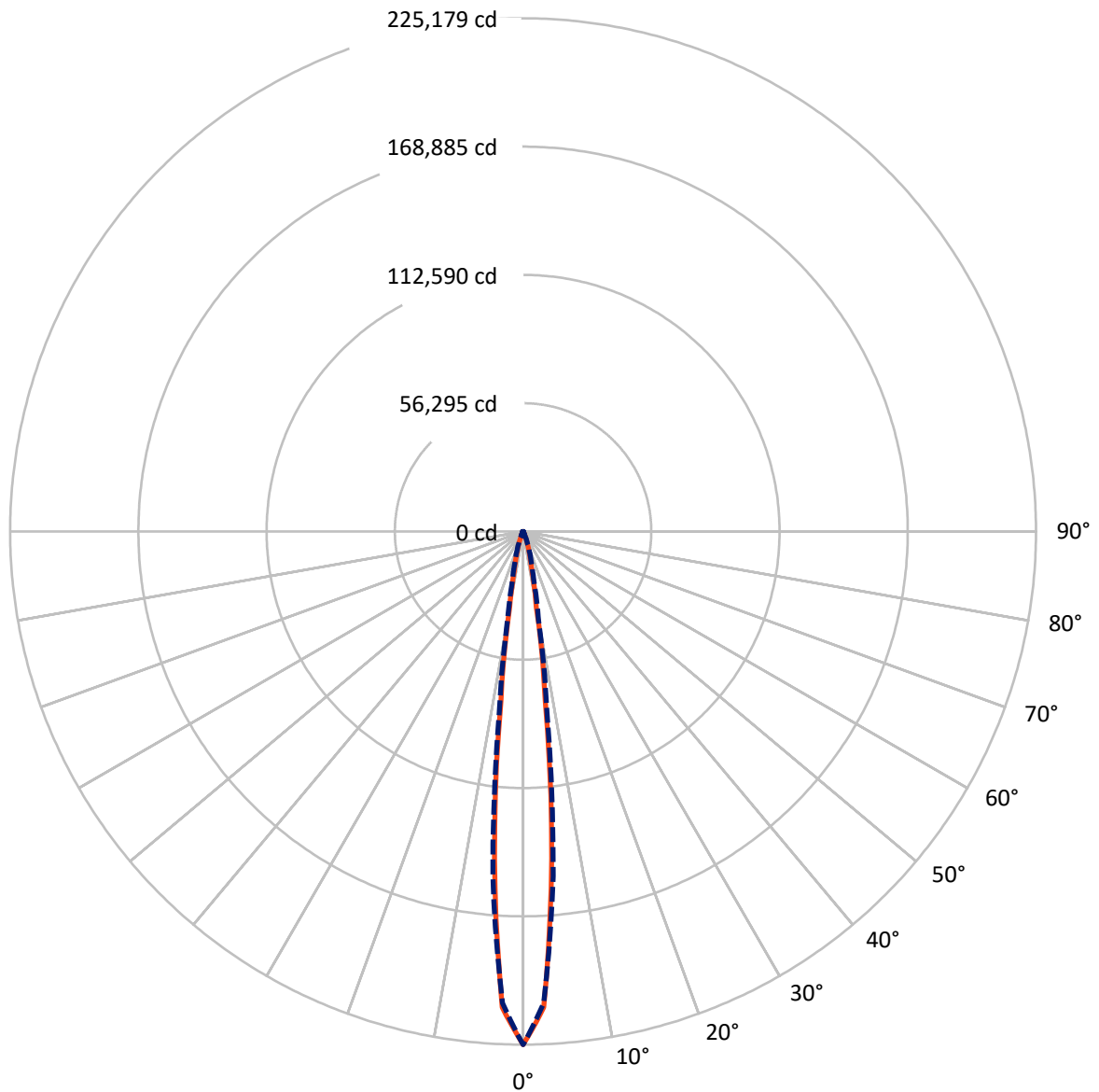
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### Lumen Table

90	0.2	1.9		5.2		8.5		9.8		8.5		5.2		1.9		0.2			
80	0.2	1.9		5.2		8.5		9.8		8.5		5.2		1.9		0.2			
70	0.9	1.0	2.1	3.5	4.8	5.9	6.7	7.1	7.1	6.7	5.9	4.8	3.5	2.1	1.0	0.9			
60		1.6	3.1	4.8	6.2	7.3	8.0	8.3	8.3	8.0	7.3	6.2	4.8	3.1	1.6				
50	1.6	2.1	3.9	5.5	6.9	8.1	9.1	9.5	9.5	9.1	8.1	6.9	5.5	3.9	2.1	1.6			
40		2.4	4.3	6.0	7.7	9.9	12.5	14.0	14.0	12.5	9.9	7.7	6.0	4.3	2.4				
30	2.1	2.7	4.6	6.4	9.1	14.1	31.3	57.0	57.0	31.3	14.1	9.1	6.4	4.6	2.7	2.1			
20		2.9	4.7	6.8	10.8	30.3	171.2	376.5	376.5	171.2	30.3	10.8	6.8	4.7	2.9				
10	2.3	2.9	4.8	7.0	11.9	58.2	410.9	2657.9	2657.9	410.9	58.2	11.9	7.0	4.8	2.9	2.3			
0		2.9	4.8	7.0	11.9	58.2	410.9	2657.9	2657.9	410.9	58.2	11.9	7.0	4.8	2.9				
-10	2.1	2.9	4.7	6.8	10.8	30.3	171.2	376.5	376.5	171.2	30.3	10.8	6.8	4.7	2.9	2.1			
-20		2.7	4.6	6.4	9.1	14.1	31.3	57.0	57.0	31.3	14.1	9.1	6.4	4.6	2.7				
-30	1.6	2.4	4.3	6.0	7.7	9.9	12.5	14.0	14.0	12.5	9.9	7.7	6.0	4.3	2.4	1.6			
-40		2.1	3.9	5.5	6.9	8.1	9.1	9.5	9.5	9.1	8.1	6.9	5.5	3.9	2.1				
-50	0.9	1.6	3.1	4.8	6.2	7.3	8.0	8.3	8.3	8.0	7.3	6.2	4.8	3.1	1.6	0.9			
-60		1.0	2.1	3.5	4.8	5.9	6.7	7.1	7.1	6.7	5.9	4.8	3.5	2.1	1.0				
-70	0.2	1.9		5.2		8.5		9.8		8.5		5.2		1.9		0.2			
-80		1.9		5.2		8.5		9.8		8.5		5.2		1.9					
-90	0.2	1.9		5.2		8.5		9.8		8.5		5.2		1.9		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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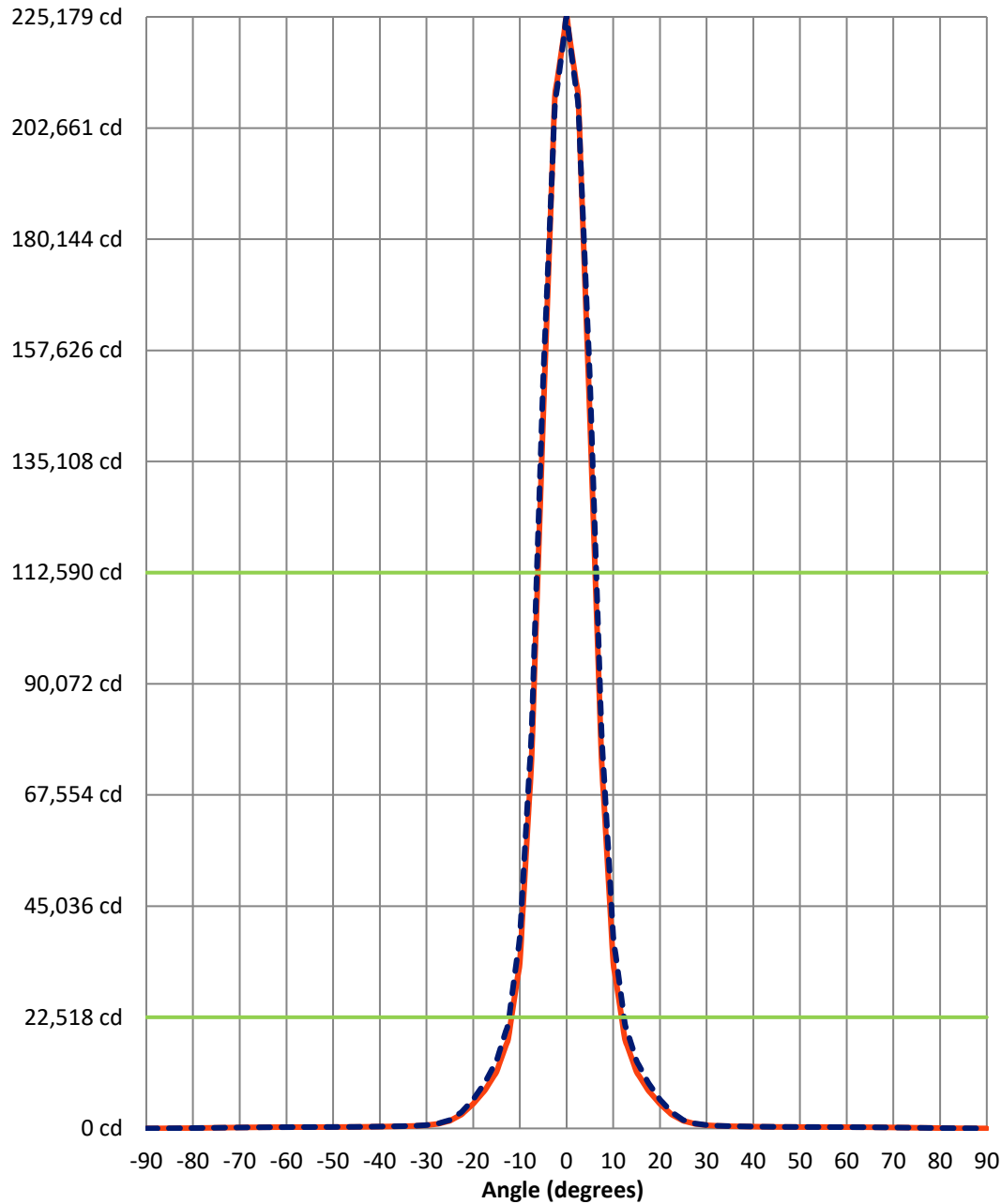
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 12.7°  
V Angle: 12.3°  
Lumens: 5157.6  
Efficiency: 31.6%

**Field:**  
H Angle: 24.6°  
V Angle: 23.6°  
Lumens: 11426  
Efficiency: 70.0%

**Spill:**  
Lumens: 4896.5  
Efficiency: 30.0%

— 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	0.5	1.1	1.5	2.0	2.4	2.7	3.2	3.6	4.1	4.5
85°	0.0	1.1	2.1	3.1	3.9	4.7	5.5	6.4	7.2	8.1	9.0
82.5°	0.0	1.6	3.2	4.6	5.9	7.1	8.2	9.5	11.0	13.0	15.0
80°	0.0	2.1	4.2	6.1	7.9	9.5	11.1	13.7	16.4	19.1	22.0
77.5°	0.0	2.6	5.2	7.6	9.8	12.1	15.0	18.2	21.7	25.2	29.0
75°	0.0	3.1	6.3	9.1	11.9	15.4	18.8	22.8	27.1	31.9	36.6
72.5°	0.0	3.6	7.3	10.6	14.4	18.5	22.6	27.5	33.3	38.8	44.0
70°	0.0	4.1	8.3	12.1	16.9	21.7	26.5	33.1	39.5	45.7	54.2
67.5°	0.0	4.6	9.3	14.0	19.4	24.8	31.3	38.5	45.7	55.1	64.9
65°	0.0	5.1	10.2	15.9	21.9	28.2	36.0	43.9	53.7	64.2	75.5
62.5°	0.0	5.6	11.2	17.7	24.3	32.0	40.5	50.2	61.4	73.4	86.5
60°	0.0	6.0	12.1	19.4	26.6	35.7	45.0	56.6	68.9	83.0	97.2
57.5°	0.0	6.5	13.2	21.2	29.4	39.2	50.3	62.9	77.1	92.5	108.1
55°	0.0	6.9	14.3	22.8	32.2	42.7	55.5	69.0	85.3	101.8	118.9
52.5°	0.0	7.4	15.4	24.5	34.8	46.2	60.7	76.0	93.3	111.3	129.4
50°	0.0	7.8	16.4	26.0	37.4	50.3	65.6	82.8	101.1	120.4	139.8
47.5°	0.0	8.2	17.4	27.7	39.8	54.3	70.5	89.3	109.0	129.3	149.9
45°	0.0	8.6	18.4	29.4	42.2	58.1	75.8	95.6	116.6	138.1	159.8
42.5°	0.0	8.9	19.3	31.1	44.4	61.8	80.9	101.8	123.9	146.7	168.2
40°	0.0	9.3	20.2	32.7	46.9	65.3	85.8	107.9	131.0	154.9	176.1
37.5°	0.0	9.6	21.0	34.1	49.6	68.6	90.4	113.7	137.9	162.3	183.6
35°	0.0	9.9	21.8	35.5	52.1	72.0	94.7	119.2	144.3	168.6	190.5
32.5°	0.0	10.2	22.5	36.8	54.4	75.4	98.8	124.3	150.3	174.5	196.2
30°	0.0	10.5	23.2	37.9	56.6	78.5	102.9	129.1	155.9	179.9	201.6
27.5°	0.0	10.7	23.9	39.0	58.6	81.4	106.7	133.6	160.8	185.0	206.7
25°	0.0	11.0	24.4	40.0	60.5	84.1	110.1	137.7	164.9	189.3	211.2
22.5°	0.0	11.2	25.0	40.8	62.2	86.5	113.3	141.5	168.6	193.0	214.7
20°	0.0	11.4	25.5	41.6	63.7	88.6	116.1	144.8	171.9	196.3	217.8
17.5°	0.0	11.5	25.9	42.3	65.1	90.6	118.7	147.7	174.8	199.2	220.6
15°	0.0	11.7	26.3	42.8	66.3	92.3	121.0	150.1	177.3	201.7	223.1
12.5°	0.0	11.8	26.6	43.3	67.3	93.7	122.9	152.2	179.4	203.8	225.2
10°	0.0	11.9	26.8	43.6	68.2	94.9	124.5	153.8	181.0	205.4	226.9
7.5°	0.0	12.0	27.0	43.9	68.8	95.8	125.7	155.0	182.3	206.7	228.0
5°	0.0	12.1	27.2	44.0	69.3	96.5	126.6	155.8	183.1	207.4	228.7
2.5°	0.0	12.1	27.3	44.1	69.6	96.9	127.1	156.2	183.5	207.8	229.0
0°	0.0	12.1	27.3	44.0	69.7	97.0	127.3	156.1	183.4	207.7	228.9
-2.5°	0.0	12.1	27.3	44.1	69.6	96.9	127.1	156.2	183.5	207.8	229.0
-5°	0.0	12.1	27.2	44.0	69.3	96.5	126.6	155.8	183.1	207.4	228.7
-7.5°	0.0	12.0	27.0	43.9	68.8	95.8	125.7	155.0	182.3	206.7	228.0
-10°	0.0	11.9	26.8	43.6	68.2	94.9	124.5	153.8	181.0	205.4	226.9
-12.5°	0.0	11.8	26.6	43.3	67.3	93.7	122.9	152.2	179.4	203.8	225.2
-15°	0.0	11.7	26.3	42.8	66.3	92.3	121.0	150.1	177.3	201.7	223.1
-17.5°	0.0	11.5	25.9	42.3	65.1	90.6	118.7	147.7	174.8	199.2	220.6
-20°	0.0	11.4	25.5	41.6	63.7	88.6	116.1	144.8	171.9	196.3	217.8



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 CATALOG NUMBER: GFLD-SA3E-930-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	11.2	25.0	40.8	62.2	86.5	113.3	141.5	168.6	193.0	214.7
-25°	0.0	11.0	24.4	40.0	60.5	84.1	110.1	137.7	164.9	189.3	211.2
-27.5°	0.0	10.7	23.9	39.0	58.6	81.4	106.7	133.6	160.8	185.0	206.7
-30°	0.0	10.5	23.2	37.9	56.6	78.5	102.9	129.1	155.9	179.9	201.6
-32.5°	0.0	10.2	22.5	36.8	54.4	75.4	98.8	124.3	150.3	174.5	196.2
-35°	0.0	9.9	21.8	35.5	52.1	72.0	94.7	119.2	144.3	168.6	190.5
-37.5°	0.0	9.6	21.0	34.1	49.6	68.6	90.4	113.7	137.9	162.3	183.6
-40°	0.0	9.3	20.2	32.7	46.9	65.3	85.8	107.9	131.0	154.9	176.1
-42.5°	0.0	8.9	19.3	31.1	44.4	61.8	80.9	101.8	123.9	146.7	168.2
-45°	0.0	8.6	18.4	29.4	42.2	58.1	75.8	95.6	116.6	138.1	159.8
-47.5°	0.0	8.2	17.4	27.7	39.8	54.3	70.5	89.3	109.0	129.3	149.9
-50°	0.0	7.8	16.4	26.0	37.4	50.3	65.6	82.8	101.1	120.4	139.8
-52.5°	0.0	7.4	15.4	24.5	34.8	46.2	60.7	76.0	93.3	111.3	129.4
-55°	0.0	6.9	14.3	22.8	32.2	42.7	55.5	69.0	85.3	101.8	118.9
-57.5°	0.0	6.5	13.2	21.2	29.4	39.2	50.3	62.9	77.1	92.5	108.1
-60°	0.0	6.0	12.1	19.4	26.6	35.7	45.0	56.6	68.9	83.0	97.2
-62.5°	0.0	5.6	11.2	17.7	24.3	32.0	40.5	50.2	61.4	73.4	86.5
-65°	0.0	5.1	10.2	15.9	21.9	28.2	36.0	43.9	53.7	64.2	75.5
-67.5°	0.0	4.6	9.3	14.0	19.4	24.8	31.3	38.5	45.7	55.1	64.9
-70°	0.0	4.1	8.3	12.1	16.9	21.7	26.5	33.1	39.5	45.7	54.2
-72.5°	0.0	3.6	7.3	10.6	14.4	18.5	22.6	27.5	33.3	38.8	44.0
-75°	0.0	3.1	6.3	9.1	11.9	15.4	18.8	22.8	27.1	31.9	36.6
-77.5°	0.0	2.6	5.2	7.6	9.8	12.1	15.0	18.2	21.7	25.2	29.0
-80°	0.0	2.1	4.2	6.1	7.9	9.5	11.1	13.7	16.4	19.1	22.0
-82.5°	0.0	1.6	3.2	4.6	5.9	7.1	8.2	9.5	11.0	13.0	15.0
-85°	0.0	1.1	2.1	3.1	3.9	4.7	5.5	6.4	7.2	8.1	9.0
-87.5°	0.0	0.5	1.1	1.5	2.0	2.4	2.7	3.2	3.6	4.1	4.5
-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°	4.9	5.3	5.7	6.1	6.5	6.8	7.2	7.5	7.8	8.1	8.4
85°	9.8	10.6	11.7	12.6	13.5	14.3	15.0	15.6	16.5	17.4	18.4
82.5°	16.7	18.2	19.4	20.5	21.6	22.6	23.7	25.4	27.7	30.0	32.0
80°	24.1	25.8	28.2	30.9	33.7	36.4	39.0	41.5	44.2	47.2	50.2
77.5°	32.3	35.8	39.5	43.6	47.5	52.0	56.6	61.3	65.5	69.2	72.5
75°	40.9	45.6	51.9	58.2	64.2	70.1	76.1	82.0	87.1	91.8	96.6
72.5°	51.0	58.6	66.1	73.4	81.1	88.5	95.5	102.0	108.5	115.0	121.2
70°	63.0	71.6	80.7	89.8	98.8	107.0	115.1	123.3	131.4	138.7	145.2
67.5°	75.0	85.3	95.7	106.1	115.8	125.2	134.8	144.2	153.3	160.9	167.7
65°	87.3	98.9	110.5	121.7	132.3	143.3	154.1	164.6	173.1	180.1	186.9
62.5°	99.4	112.4	125.0	137.3	149.4	161.4	171.8	181.1	189.9	197.6	204.9
60°	111.7	125.9	139.6	153.0	165.8	176.8	187.4	196.8	205.6	214.0	220.2
57.5°	123.8	139.1	154.0	167.8	180.0	191.4	201.6	211.4	219.1	225.8	232.6
55°	135.7	152.1	167.4	181.1	193.5	204.3	214.6	222.9	230.5	236.9	243.5
52.5°	147.4	164.6	179.7	193.5	205.4	216.1	225.2	233.4	240.5	247.1	252.5
50°	158.8	175.6	191.4	204.3	216.2	226.3	234.9	242.8	249.7	255.6	260.5
47.5°	169.0	186.4	201.2	214.5	225.8	235.4	243.7	251.2	258.0	263.2	268.1
45°	178.5	195.6	210.6	223.3	234.4	243.4	251.4	259.2	264.8	270.0	273.8
42.5°	187.6	204.1	218.8	232.0	241.7	250.4	258.5	265.2	271.1	275.7	279.7
40°	195.3	212.4	226.4	238.4	248.4	256.7	264.1	270.9	276.7	281.1	285.5
37.5°	202.6	219.1	233.3	244.5	253.8	262.0	269.4	275.7	281.4	286.1	292.1
35°	209.6	225.4	238.7	249.5	258.6	266.7	273.8	280.2	285.8	292.3	299.2
32.5°	215.5	231.4	243.7	253.6	262.6	270.9	277.9	284.4	291.0	298.3	306.8
30°	220.5	235.9	248.1	257.4	266.3	274.1	281.7	288.7	295.9	304.7	315.7
27.5°	225.1	240.0	251.3	260.6	269.6	276.9	284.9	292.8	301.2	311.4	325.4
25°	229.4	243.7	254.1	263.5	271.9	279.6	287.8	295.9	306.3	319.9	338.2
22.5°	232.9	247.2	256.5	266.2	273.9	282.0	290.4	299.5	311.2	327.7	351.6
20°	235.7	249.2	258.6	268.2	275.5	284.1	292.7	302.6	316.6	338.1	365.8
17.5°	238.3	251.0	260.4	269.4	277.1	285.9	294.7	305.1	321.1	347.8	378.8
15°	240.5	252.4	261.8	270.4	278.5	287.2	296.5	308.4	327.0	357.1	390.5
12.5°	242.5	253.6	262.9	271.1	279.6	288.2	298.0	311.2	333.3	365.8	402.2
10°	244.1	254.5	263.6	271.6	280.4	288.7	299.2	313.0	337.8	370.7	409.1
7.5°	245.1	255.1	264.2	271.9	280.9	288.8	300.1	314.0	340.6	373.4	412.8
5°	245.6	255.7	264.8	272.4	281.4	289.2	300.9	314.1	341.7	373.8	414.3
2.5°	245.8	256.1	265.2	272.8	281.8	290.3	302.3	315.8	342.8	375.7	415.2
0°	245.6	256.2	265.3	272.9	282.0	291.1	303.2	316.8	342.6	377.5	415.4
-2.5°	245.8	256.1	265.2	272.8	281.8	290.3	302.3	315.8	342.8	375.7	415.2
-5°	245.6	255.7	264.8	272.4	281.4	289.2	300.9	314.1	341.7	373.8	414.3
-7.5°	245.1	255.1	264.2	271.9	280.9	288.8	300.1	314.0	340.6	373.4	412.8
-10°	244.1	254.5	263.6	271.6	280.4	288.7	299.2	313.0	337.8	370.7	409.1
-12.5°	242.5	253.6	262.9	271.1	279.6	288.2	298.0	311.2	333.3	365.8	402.2
-15°	240.5	252.4	261.8	270.4	278.5	287.2	296.5	308.4	327.0	357.1	390.5
-17.5°	238.3	251.0	260.4	269.4	277.1	285.9	294.7	305.1	321.1	347.8	378.8
-20°	235.7	249.2	258.6	268.2	275.5	284.1	292.7	302.6	316.6	338.1	365.8



REPORT NUMBER: P558856 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-930-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	232.9	247.2	256.5	266.2	273.9	282.0	290.4	299.5	311.2	327.7	351.6
-25°	229.4	243.7	254.1	263.5	271.9	279.6	287.8	295.9	306.3	319.9	338.2
-27.5°	225.1	240.0	251.3	260.6	269.6	276.9	284.9	292.8	301.2	311.4	325.4
-30°	220.5	235.9	248.1	257.4	266.3	274.1	281.7	288.7	295.9	304.7	315.7
-32.5°	215.5	231.4	243.7	253.6	262.6	270.9	277.9	284.4	291.0	298.3	306.8
-35°	209.6	225.4	238.7	249.5	258.6	266.7	273.8	280.2	285.8	292.3	299.2
-37.5°	202.6	219.1	233.3	244.5	253.8	262.0	269.4	275.7	281.4	286.1	292.1
-40°	195.3	212.4	226.4	238.4	248.4	256.7	264.1	270.9	276.7	281.1	285.5
-42.5°	187.6	204.1	218.8	232.0	241.7	250.4	258.5	265.2	271.1	275.7	279.7
-45°	178.5	195.6	210.6	223.3	234.4	243.4	251.4	259.2	264.8	270.0	273.8
-47.5°	169.0	186.4	201.2	214.5	225.8	235.4	243.7	251.2	258.0	263.2	268.1
-50°	158.8	175.6	191.4	204.3	216.2	226.3	234.9	242.8	249.7	255.6	260.5
-52.5°	147.4	164.6	179.7	193.5	205.4	216.1	225.2	233.4	240.5	247.1	252.5
-55°	135.7	152.1	167.4	181.1	193.5	204.3	214.6	222.9	230.5	236.9	243.5
-57.5°	123.8	139.1	154.0	167.8	180.0	191.4	201.6	211.4	219.1	225.8	232.6
-60°	111.7	125.9	139.6	153.0	165.8	176.8	187.4	196.8	205.6	214.0	220.2
-62.5°	99.4	112.4	125.0	137.3	149.4	161.4	171.8	181.1	189.9	197.6	204.9
-65°	87.3	98.9	110.5	121.7	132.3	143.3	154.1	164.6	173.1	180.1	186.9
-67.5°	75.0	85.3	95.7	106.1	115.8	125.2	134.8	144.2	153.3	160.9	167.7
-70°	63.0	71.6	80.7	89.8	98.8	107.0	115.1	123.3	131.4	138.7	145.2
-72.5°	51.0	58.6	66.1	73.4	81.1	88.5	95.5	102.0	108.5	115.0	121.2
-75°	40.9	45.6	51.9	58.2	64.2	70.1	76.1	82.0	87.1	91.8	96.6
-77.5°	32.3	35.8	39.5	43.6	47.5	52.0	56.6	61.3	65.5	69.2	72.5
-80°	24.1	25.8	28.2	30.9	33.7	36.4	39.0	41.5	44.2	47.2	50.2
-82.5°	16.7	18.2	19.4	20.5	21.6	22.6	23.7	25.4	27.7	30.0	32.0
-85°	9.8	10.6	11.7	12.6	13.5	14.3	15.0	15.6	16.5	17.4	18.4
-87.5°	4.9	5.3	5.7	6.1	6.5	6.8	7.2	7.5	7.8	8.1	8.4
-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: P558856 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-930-U-TS-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°	8.7	8.6	8.5	8.4	8.2	8.4	8.6	8.7	8.8	8.9	9.0
85°	19.3	20.1	21.0	21.8	22.7	23.3	23.8	24.3	24.7	25.0	25.3
82.5°	33.9	35.7	37.2	38.7	39.9	41.0	41.9	42.8	43.5	44.1	44.6
80°	52.9	55.6	58.0	60.4	62.5	64.2	65.6	66.8	67.7	68.7	69.6
77.5°	75.7	79.3	82.8	85.9	88.7	91.1	93.1	94.9	96.4	98.2	99.9
75°	101.3	105.7	109.7	113.4	116.8	119.8	122.5	124.8	126.8	128.8	130.5
72.5°	127.0	132.3	136.9	140.9	144.4	147.9	151.3	154.4	157.3	159.5	161.1
70°	151.2	156.6	161.6	166.1	170.2	174.6	178.9	183.0	186.7	189.1	190.5
67.5°	173.4	178.9	184.6	190.1	195.1	199.6	204.0	208.0	211.6	214.1	215.6
65°	193.4	199.6	205.7	211.4	216.6	220.5	224.4	228.2	231.8	234.6	236.7
62.5°	212.2	218.2	223.4	228.2	232.7	236.5	240.4	243.9	247.0	249.7	252.2
60°	226.5	232.7	237.7	242.1	246.3	250.1	253.2	255.8	257.9	259.6	261.2
57.5°	238.8	244.6	249.7	253.4	257.1	260.8	263.4	265.1	266.3	267.2	267.9
55°	249.3	254.1	258.3	262.4	266.0	269.2	271.5	272.6	273.3	273.6	274.0
52.5°	257.8	262.4	266.7	270.6	273.5	276.2	278.5	279.1	279.5	279.7	279.7
50°	265.6	270.1	273.5	276.8	279.7	282.2	284.2	285.1	285.6	285.7	285.4
47.5°	271.9	275.7	279.5	282.9	285.9	288.7	290.9	292.2	293.2	293.5	293.5
45°	277.4	281.9	286.0	289.9	293.3	297.0	300.1	302.2	304.3	305.8	306.5
42.5°	283.9	288.5	292.9	298.3	303.3	308.1	313.2	317.8	322.5	327.5	330.9
40°	290.5	295.4	302.3	308.8	316.2	322.8	333.7	344.5	352.7	359.7	366.0
37.5°	298.1	305.2	313.5	321.9	333.9	346.3	359.9	373.3	385.0	395.6	404.1
35°	306.7	316.4	326.5	341.5	356.7	372.0	388.3	406.2	421.4	432.4	440.3
32.5°	317.4	329.5	345.7	364.9	383.6	403.4	423.2	443.1	458.0	473.4	488.9
30°	329.2	346.6	367.7	390.9	414.3	438.0	462.8	490.3	516.6	544.8	585.1
27.5°	344.2	365.5	390.2	417.7	445.8	474.0	517.3	564.6	634.9	691.1	786.4
25°	360.3	385.2	414.6	446.5	480.8	531.4	610.5	704.0	869.6	998.1	1193.1
22.5°	378.2	407.5	440.0	476.6	532.0	627.3	762.7	1002.7	1336.9	1666.8	2033.8
20°	395.9	428.3	463.9	519.3	613.4	764.2	1057.2	1576.4	2156.2	2981.7	3674.6
17.5°	412.6	447.0	492.2	567.2	708.0	1011.3	1578.9	2468.2	3679.2	5009.9	6119.7
15°	427.3	462.5	523.3	642.0	880.0	1352.3	2209.4	3722.9	5757.6	7579.6	9204.7
12.5°	439.7	481.4	557.0	702.5	1029.3	1728.5	3103.3	5252.4	7737.2	10292.4	12349.0
10°	448.8	501.5	602.1	814.3	1266.6	2176.2	3848.4	6559.2	9551.1	12656.7	16374.5
7.5°	454.3	515.9	636.3	897.4	1478.2	2674.7	4783.0	7726.0	11161.7	15401.3	21081.6
5°	458.2	525.6	661.6	959.9	1619.6	3004.2	5373.1	8610.1	12551.4	18681.7	30372.1
2.5°	460.1	529.9	676.0	994.2	1684.0	3173.6	5788.4	9116.3	13397.0	20995.8	36807.9
0°	459.3	527.5	677.6	1002.0	1693.3	3303.2	5857.5	9260.8	13682.7	21203.2	38871.2
-2.5°	460.1	529.9	676.0	994.2	1684.0	3173.6	5788.4	9116.3	13397.0	20995.8	36807.9
-5°	458.2	525.6	661.6	959.9	1619.6	3004.2	5373.1	8610.1	12551.4	18681.7	30372.1
-7.5°	454.3	515.9	636.3	897.4	1478.2	2674.7	4783.0	7726.0	11161.7	15401.3	21081.6
-10°	448.8	501.5	602.1	814.3	1266.6	2176.2	3848.4	6559.2	9551.1	12656.7	16374.5
-12.5°	439.7	481.4	557.0	702.5	1029.3	1728.5	3103.3	5252.4	7737.2	10292.4	12349.0
-15°	427.3	462.5	523.3	642.0	880.0	1352.3	2209.4	3722.9	5757.6	7579.6	9204.7
-17.5°	412.6	447.0	492.2	567.2	708.0	1011.3	1578.9	2468.2	3679.2	5009.9	6119.7
-20°	395.9	428.3	463.9	519.3	613.4	764.2	1057.2	1576.4	2156.2	2981.7	3674.6



REPORT NUMBER: P558856 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-930-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	378.2	407.5	440.0	476.6	532.0	627.3	762.7	1002.7	1336.9	1666.8	2033.8
-25°	360.3	385.2	414.6	446.5	480.8	531.4	610.5	704.0	869.6	998.1	1193.1
-27.5°	344.2	365.5	390.2	417.7	445.8	474.0	517.3	564.6	634.9	691.1	786.4
-30°	329.2	346.6	367.7	390.9	414.3	438.0	462.8	490.3	516.6	544.8	585.1
-32.5°	317.4	329.5	345.7	364.9	383.6	403.4	423.2	443.1	458.0	473.4	488.9
-35°	306.7	316.4	326.5	341.5	356.7	372.0	388.3	406.2	421.4	432.4	440.3
-37.5°	298.1	305.2	313.5	321.9	333.9	346.3	359.9	373.3	385.0	395.6	404.1
-40°	290.5	295.4	302.3	308.8	316.2	322.8	333.7	344.5	352.7	359.7	366.0
-42.5°	283.9	288.5	292.9	298.3	303.3	308.1	313.2	317.8	322.5	327.5	330.9
-45°	277.4	281.9	286.0	289.9	293.3	297.0	300.1	302.2	304.3	305.8	306.5
-47.5°	271.9	275.7	279.5	282.9	285.9	288.7	290.9	292.2	293.2	293.5	293.5
-50°	265.6	270.1	273.5	276.8	279.7	282.2	284.2	285.1	285.6	285.7	285.4
-52.5°	257.8	262.4	266.7	270.6	273.5	276.2	278.5	279.1	279.5	279.7	279.7
-55°	249.3	254.1	258.3	262.4	266.0	269.2	271.5	272.6	273.3	273.6	274.0
-57.5°	238.8	244.6	249.7	253.4	257.1	260.8	263.4	265.1	266.3	267.2	267.9
-60°	226.5	232.7	237.7	242.1	246.3	250.1	253.2	255.8	257.9	259.6	261.2
-62.5°	212.2	218.2	223.4	228.2	232.7	236.5	240.4	243.9	247.0	249.7	252.2
-65°	193.4	199.6	205.7	211.4	216.6	220.5	224.4	228.2	231.8	234.6	236.7
-67.5°	173.4	178.9	184.6	190.1	195.1	199.6	204.0	208.0	211.6	214.1	215.6
-70°	151.2	156.6	161.6	166.1	170.2	174.6	178.9	183.0	186.7	189.1	190.5
-72.5°	127.0	132.3	136.9	140.9	144.4	147.9	151.3	154.4	157.3	159.5	161.1
-75°	101.3	105.7	109.7	113.4	116.8	119.8	122.5	124.8	126.8	128.8	130.5
-77.5°	75.7	79.3	82.8	85.9	88.7	91.1	93.1	94.9	96.4	98.2	99.9
-80°	52.9	55.6	58.0	60.4	62.5	64.2	65.6	66.8	67.7	68.7	69.6
-82.5°	33.9	35.7	37.2	38.7	39.9	41.0	41.9	42.8	43.5	44.1	44.6
-85°	19.3	20.1	21.0	21.8	22.7	23.3	23.8	24.3	24.7	25.0	25.3
-87.5°	8.7	8.6	8.5	8.4	8.2	8.4	8.6	8.7	8.8	8.9	9.0
-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: P558856 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-930-U-TS-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°	9.0	9.1	9.1	9.1	9.1	9.1	9.0	9.0	8.9	8.8	8.7
85°	25.5	25.7	25.8	25.8	25.8	25.7	25.5	25.3	25.0	24.7	24.3
82.5°	45.0	45.3	45.4	45.5	45.4	45.3	45.0	44.6	44.1	43.5	42.8
80°	70.3	70.8	71.1	71.2	71.1	70.8	70.3	69.6	68.7	67.7	66.8
77.5°	101.3	102.5	102.9	103.1	102.9	102.5	101.3	99.9	98.2	96.4	94.9
75°	131.8	132.7	133.2	133.4	133.2	132.7	131.8	130.5	128.8	126.8	124.8
72.5°	162.2	162.9	164.2	165.2	164.2	162.9	162.2	161.1	159.5	157.3	154.4
70°	191.3	191.7	193.0	194.0	193.0	191.7	191.3	190.5	189.1	186.7	183.0
67.5°	216.7	217.4	217.4	216.8	217.4	217.4	216.7	215.6	214.1	211.6	208.0
65°	238.5	240.0	240.1	239.5	240.1	240.0	238.5	236.7	234.6	231.8	228.2
62.5°	254.6	256.7	257.5	257.7	257.5	256.7	254.6	252.2	249.7	247.0	243.9
60°	262.4	263.4	263.7	263.8	263.7	263.4	262.4	261.2	259.6	257.9	255.8
57.5°	268.2	268.2	268.2	268.3	268.2	268.2	268.2	267.9	267.2	266.3	265.1
55°	274.2	274.2	273.7	272.9	273.7	274.2	274.2	274.0	273.6	273.3	272.6
52.5°	279.5	279.0	278.3	277.4	278.3	279.0	279.5	279.7	279.7	279.5	279.1
50°	284.8	283.8	283.4	283.5	283.4	283.8	284.8	285.4	285.7	285.6	285.1
47.5°	293.3	292.7	292.4	292.6	292.4	292.7	293.3	293.5	293.5	293.2	292.2
45°	306.8	306.2	305.9	306.2	305.9	306.2	306.8	306.5	305.8	304.3	302.2
42.5°	332.8	333.0	332.9	333.5	332.9	333.0	332.8	330.9	327.5	322.5	317.8
40°	368.5	368.4	367.2	366.9	367.2	368.4	368.5	366.0	359.7	352.7	344.5
37.5°	407.6	407.7	406.4	406.3	406.4	407.7	407.6	404.1	395.6	385.0	373.3
35°	444.5	445.9	445.6	444.2	445.6	445.9	444.5	440.3	432.4	421.4	406.2
32.5°	499.9	508.3	512.8	510.9	512.8	508.3	499.9	488.9	473.4	458.0	443.1
30°	610.5	632.3	643.8	648.8	643.8	632.3	610.5	585.1	544.8	516.6	490.3
27.5°	854.7	902.8	924.5	932.3	924.5	902.8	854.7	786.4	691.1	634.9	564.6
25°	1363.4	1472.3	1526.0	1543.2	1526.0	1472.3	1363.4	1193.1	998.1	869.6	704.0
22.5°	2437.9	2647.5	2790.9	2822.6	2790.9	2647.5	2437.9	2033.8	1666.8	1336.9	1002.7
20°	4371.3	4776.6	4996.6	4976.8	4996.6	4776.6	4371.3	3674.6	2981.7	2156.2	1576.4
17.5°	7063.0	7582.7	7830.2	7714.5	7830.2	7582.7	7063.0	6119.7	5009.9	3679.2	2468.2
15°	10354.0	11056.3	11362.6	11457.3	11362.6	11056.3	10354.0	9204.7	7579.6	5757.6	3722.9
12.5°	14402.0	16704.2	17805.1	18100.1	17805.1	16704.2	14402.0	12349.0	10292.4	7737.2	5252.4
10°	20177.3	27915.9	32518.9	33642.8	32518.9	27915.9	20177.3	16374.5	12656.7	9551.1	6559.2
7.5°	32951.2	48676.7	66292.9	74634.8	66292.9	48676.7	32951.2	21081.6	15401.3	11161.7	7726.0
5°	50250.5	87213.7	128000.5	143989.7	128000.5	87213.7	50250.5	30372.1	18681.7	12551.4	8610.1
2.5°	71280.7	131686.1	188043.5	209052.3	188043.5	131686.1	71280.7	36807.9	20995.8	13397.0	9116.3
0°	80165.7	151819.4	207183.2	225179.4	207183.2	151819.4	80165.7	38871.2	21203.2	13682.7	9260.8
-2.5°	71280.7	131686.1	188043.5	209052.2	188043.5	131686.1	71280.7	36807.9	20995.8	13397.0	9116.3
-5°	50250.5	87213.7	128000.5	143989.7	128000.5	87213.7	50250.5	30372.1	18681.7	12551.4	8610.1
-7.5°	32951.2	48676.7	66292.9	74634.8	66292.9	48676.7	32951.2	21081.6	15401.3	11161.7	7726.0
-10°	20177.3	27915.9	32518.9	33642.8	32518.9	27915.9	20177.3	16374.5	12656.7	9551.1	6559.2
-12.5°	14402.0	16704.2	17805.1	18100.1	17805.1	16704.2	14402.0	12349.0	10292.4	7737.2	5252.4
-15°	10354.0	11056.3	11362.6	11457.3	11362.6	11056.3	10354.0	9204.7	7579.6	5757.6	3722.9
-17.5°	7063.0	7582.7	7830.2	7714.5	7830.2	7582.7	7063.0	6119.7	5009.9	3679.2	2468.2
-20°	4371.3	4776.6	4996.6	4976.8	4996.6	4776.6	4371.3	3674.6	2981.7	2156.2	1576.4



REPORT NUMBER: P558856 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-930-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2437.9	2647.5	2790.9	2822.6	2790.9	2647.5	2437.9	2033.8	1666.8	1336.9	1002.7
-25°	1363.4	1472.3	1526.0	1543.2	1526.0	1472.3	1363.4	1193.1	998.1	869.6	704.0
-27.5°	854.7	902.8	924.5	932.3	924.5	902.8	854.7	786.4	691.1	634.9	564.6
-30°	610.5	632.3	643.8	648.8	643.8	632.3	610.5	585.1	544.8	516.6	490.3
-32.5°	499.9	508.3	512.8	510.9	512.8	508.3	499.9	488.9	473.4	458.0	443.1
-35°	444.5	445.9	445.6	444.2	445.6	445.9	444.5	440.3	432.4	421.4	406.2
-37.5°	407.6	407.7	406.4	406.3	406.4	407.7	407.6	404.1	395.6	385.0	373.3
-40°	368.5	368.4	367.2	366.9	367.2	368.4	368.5	366.0	359.7	352.7	344.5
-42.5°	332.8	333.0	332.9	333.5	332.9	333.0	332.8	330.9	327.5	322.5	317.8
-45°	306.8	306.2	305.9	306.2	305.9	306.2	306.8	306.5	305.8	304.3	302.2
-47.5°	293.3	292.7	292.4	292.6	292.4	292.7	293.3	293.5	293.5	293.2	292.2
-50°	284.8	283.8	283.4	283.5	283.4	283.8	284.8	285.4	285.7	285.6	285.1
-52.5°	279.5	279.0	278.3	277.4	278.3	279.0	279.5	279.7	279.7	279.5	279.1
-55°	274.2	274.2	273.7	272.9	273.7	274.2	274.2	274.0	273.6	273.3	272.6
-57.5°	268.2	268.2	268.2	268.3	268.2	268.2	268.2	267.9	267.2	266.3	265.1
-60°	262.4	263.4	263.7	263.8	263.7	263.4	262.4	261.2	259.6	257.9	255.8
-62.5°	254.6	256.7	257.5	257.7	257.5	256.7	254.6	252.2	249.7	247.0	243.9
-65°	238.5	240.0	240.1	239.5	240.1	240.0	238.5	236.7	234.6	231.8	228.2
-67.5°	216.7	217.4	217.4	216.8	217.4	217.4	216.7	215.6	214.1	211.6	208.0
-70°	191.3	191.7	193.0	194.0	193.0	191.7	191.3	190.5	189.1	186.7	183.0
-72.5°	162.2	162.9	164.2	165.2	164.2	162.9	162.2	161.1	159.5	157.3	154.4
-75°	131.8	132.7	133.2	133.4	133.2	132.7	131.8	130.5	128.8	126.8	124.8
-77.5°	101.3	102.5	102.9	103.1	102.9	102.5	101.3	99.9	98.2	96.4	94.9
-80°	70.3	70.8	71.1	71.2	71.1	70.8	70.3	69.6	68.7	67.7	66.8
-82.5°	45.0	45.3	45.4	45.5	45.4	45.3	45.0	44.6	44.1	43.5	42.8
-85°	25.5	25.7	25.8	25.8	25.8	25.7	25.5	25.3	25.0	24.7	24.3
-87.5°	9.0	9.1	9.1	9.1	9.1	9.1	9.0	9.0	8.9	8.8	8.7
-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: P558856 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-930-U-TS-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°	8.6	8.4	8.2	8.4	8.5	8.6	8.7	8.4	8.1	7.8	7.5
85°	23.8	23.3	22.7	21.8	21.0	20.1	19.3	18.4	17.4	16.5	15.6
82.5°	41.9	41.0	39.9	38.7	37.2	35.7	33.9	32.0	30.0	27.7	25.4
80°	65.6	64.2	62.5	60.4	58.0	55.6	52.9	50.2	47.2	44.2	41.5
77.5°	93.1	91.1	88.7	85.9	82.8	79.3	75.7	72.5	69.2	65.5	61.3
75°	122.5	119.8	116.8	113.4	109.7	105.7	101.3	96.6	91.8	87.1	82.0
72.5°	151.3	147.9	144.4	140.9	136.9	132.3	127.0	121.2	115.0	108.5	102.0
70°	178.9	174.6	170.2	166.1	161.6	156.6	151.2	145.2	138.7	131.4	123.3
67.5°	204.0	199.6	195.1	190.1	184.6	178.9	173.4	167.7	160.9	153.3	144.2
65°	224.4	220.5	216.6	211.4	205.7	199.6	193.4	186.9	180.1	173.1	164.6
62.5°	240.4	236.5	232.7	228.2	223.4	218.2	212.2	204.9	197.6	189.9	181.1
60°	253.2	250.1	246.3	242.1	237.7	232.7	226.5	220.2	214.0	205.6	196.8
57.5°	263.4	260.8	257.1	253.4	249.7	244.6	238.8	232.6	225.8	219.1	211.4
55°	271.5	269.2	266.0	262.4	258.3	254.1	249.3	243.5	236.9	230.5	222.9
52.5°	278.5	276.2	273.5	270.6	266.7	262.4	257.8	252.5	247.1	240.5	233.4
50°	284.2	282.2	279.7	276.8	273.5	270.1	265.6	260.5	255.6	249.7	242.8
47.5°	290.9	288.7	285.9	282.9	279.5	275.7	271.9	268.1	263.2	258.0	251.2
45°	300.1	297.0	293.3	289.9	286.0	281.9	277.4	273.8	270.0	264.8	259.2
42.5°	313.2	308.1	303.3	298.3	292.9	288.5	283.9	279.7	275.7	271.1	265.2
40°	333.7	322.8	316.2	308.8	302.3	295.4	290.5	285.5	281.1	276.7	270.9
37.5°	359.9	346.3	333.9	321.9	313.5	305.2	298.1	292.1	286.1	281.4	275.7
35°	388.3	372.0	356.7	341.5	326.5	316.4	306.7	299.2	292.3	285.8	280.2
32.5°	423.2	403.4	383.6	364.9	345.7	329.5	317.4	306.8	298.3	291.0	284.4
30°	462.8	438.0	414.3	390.9	367.7	346.6	329.2	315.7	304.7	295.9	288.7
27.5°	517.3	474.0	445.8	417.7	390.2	365.5	344.2	325.4	311.4	301.2	292.8
25°	610.5	531.4	480.8	446.5	414.6	385.2	360.3	338.2	319.9	306.3	295.9
22.5°	762.7	627.3	532.0	476.6	440.0	407.5	378.2	351.6	327.7	311.2	299.5
20°	1057.2	764.2	613.4	519.3	463.9	428.3	395.9	365.8	338.1	316.6	302.6
17.5°	1578.9	1011.3	708.0	567.2	492.2	447.0	412.6	378.8	347.8	321.1	305.1
15°	2209.4	1352.3	880.0	642.0	523.3	462.5	427.3	390.5	357.1	327.0	308.4
12.5°	3103.3	1728.5	1029.3	702.5	557.0	481.4	439.7	402.2	365.8	333.3	311.2
10°	3848.4	2176.2	1266.6	814.3	602.1	501.5	448.8	409.1	370.7	337.8	313.0
7.5°	4783.0	2674.7	1478.2	897.4	636.3	515.9	454.3	412.8	373.4	340.6	314.0
5°	5373.1	3004.2	1619.6	959.9	661.6	525.6	458.2	414.3	373.8	341.7	314.1
2.5°	5788.4	3173.6	1684.0	994.2	676.0	529.9	460.1	415.2	375.7	342.8	315.8
0°	5857.5	3303.2	1693.3	1002.0	677.6	527.5	459.3	415.4	377.5	342.6	316.8
-2.5°	5788.4	3173.6	1684.0	994.2	676.0	529.9	460.1	415.2	375.7	342.8	315.8
-5°	5373.1	3004.2	1619.6	959.9	661.6	525.6	458.2	414.3	373.8	341.7	314.1
-7.5°	4783.0	2674.7	1478.2	897.4	636.3	515.9	454.3	412.8	373.4	340.6	314.0
-10°	3848.4	2176.2	1266.6	814.3	602.1	501.5	448.8	409.1	370.7	337.8	313.0
-12.5°	3103.3	1728.5	1029.3	702.5	557.0	481.4	439.7	402.2	365.8	333.3	311.2
-15°	2209.4	1352.3	880.0	642.0	523.3	462.5	427.3	390.5	357.1	327.0	308.4
-17.5°	1578.9	1011.3	708.0	567.2	492.2	447.0	412.6	378.8	347.8	321.1	305.1
-20°	1057.2	764.2	613.4	519.3	463.9	428.3	395.9	365.8	338.1	316.6	302.6



REPORT NUMBER: P558856 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-930-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	762.7	627.3	532.0	476.6	440.0	407.5	378.2	351.6	327.7	311.2	299.5
-25°	610.5	531.4	480.8	446.5	414.6	385.2	360.3	338.2	319.9	306.3	295.9
-27.5°	517.3	474.0	445.8	417.7	390.2	365.5	344.2	325.4	311.4	301.2	292.8
-30°	462.8	438.0	414.3	390.9	367.7	346.6	329.2	315.7	304.7	295.9	288.7
-32.5°	423.2	403.4	383.6	364.9	345.7	329.5	317.4	306.8	298.3	291.0	284.4
-35°	388.3	372.0	356.7	341.5	326.5	316.4	306.7	299.2	292.3	285.8	280.2
-37.5°	359.9	346.3	333.9	321.9	313.5	305.2	298.1	292.1	286.1	281.4	275.7
-40°	333.7	322.8	316.2	308.8	302.3	295.4	290.5	285.5	281.1	276.7	270.9
-42.5°	313.2	308.1	303.3	298.3	292.9	288.5	283.9	279.7	275.7	271.1	265.2
-45°	300.1	297.0	293.3	289.9	286.0	281.9	277.4	273.8	270.0	264.8	259.2
-47.5°	290.9	288.7	285.9	282.9	279.5	275.7	271.9	268.1	263.2	258.0	251.2
-50°	284.2	282.2	279.7	276.8	273.5	270.1	265.6	260.5	255.6	249.7	242.8
-52.5°	278.5	276.2	273.5	270.6	266.7	262.4	257.8	252.5	247.1	240.5	233.4
-55°	271.5	269.2	266.0	262.4	258.3	254.1	249.3	243.5	236.9	230.5	222.9
-57.5°	263.4	260.8	257.1	253.4	249.7	244.6	238.8	232.6	225.8	219.1	211.4
-60°	253.2	250.1	246.3	242.1	237.7	232.7	226.5	220.2	214.0	205.6	196.8
-62.5°	240.4	236.5	232.7	228.2	223.4	218.2	212.2	204.9	197.6	189.9	181.1
-65°	224.4	220.5	216.6	211.4	205.7	199.6	193.4	186.9	180.1	173.1	164.6
-67.5°	204.0	199.6	195.1	190.1	184.6	178.9	173.4	167.7	160.9	153.3	144.2
-70°	178.9	174.6	170.2	166.1	161.6	156.6	151.2	145.2	138.7	131.4	123.3
-72.5°	151.3	147.9	144.4	140.9	136.9	132.3	127.0	121.2	115.0	108.5	102.0
-75°	122.5	119.8	116.8	113.4	109.7	105.7	101.3	96.6	91.8	87.1	82.0
-77.5°	93.1	91.1	88.7	85.9	82.8	79.3	75.7	72.5	69.2	65.5	61.3
-80°	65.6	64.2	62.5	60.4	58.0	55.6	52.9	50.2	47.2	44.2	41.5
-82.5°	41.9	41.0	39.9	38.7	37.2	35.7	33.9	32.0	30.0	27.7	25.4
-85°	23.8	23.3	22.7	21.8	21.0	20.1	19.3	18.4	17.4	16.5	15.6
-87.5°	8.6	8.4	8.2	8.4	8.5	8.6	8.7	8.4	8.1	7.8	7.5
-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: P558856 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-930-U-TS-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°	7.2	6.8	6.5	6.1	5.7	5.3	4.9	4.5	4.1	3.6	3.2
85°	15.0	14.3	13.5	12.6	11.7	10.6	9.8	9.0	8.1	7.2	6.4
82.5°	23.7	22.6	21.6	20.5	19.4	18.2	16.7	15.0	13.0	11.0	9.5
80°	39.0	36.4	33.7	30.9	28.2	25.8	24.1	22.0	19.1	16.4	13.7
77.5°	56.6	52.0	47.5	43.6	39.5	35.8	32.3	29.0	25.2	21.7	18.2
75°	76.1	70.1	64.2	58.2	51.9	45.6	40.9	36.6	31.9	27.1	22.8
72.5°	95.5	88.5	81.1	73.4	66.1	58.6	51.0	44.0	38.8	33.3	27.5
70°	115.1	107.0	98.8	89.8	80.7	71.6	63.0	54.2	45.7	39.5	33.1
67.5°	134.8	125.2	115.8	106.1	95.7	85.3	75.0	64.9	55.1	45.7	38.5
65°	154.1	143.3	132.3	121.7	110.5	98.9	87.3	75.5	64.2	53.7	43.9
62.5°	171.8	161.4	149.4	137.3	125.0	112.4	99.4	86.5	73.4	61.4	50.2
60°	187.4	176.8	165.8	153.0	139.6	125.9	111.7	97.2	83.0	68.9	56.6
57.5°	201.6	191.4	180.0	167.8	154.0	139.1	123.8	108.1	92.5	77.1	62.9
55°	214.6	204.3	193.5	181.1	167.4	152.1	135.7	118.9	101.8	85.3	69.0
52.5°	225.2	216.1	205.4	193.5	179.7	164.6	147.4	129.4	111.3	93.3	76.0
50°	234.9	226.3	216.2	204.3	191.4	175.6	158.8	139.8	120.4	101.1	82.8
47.5°	243.7	235.4	225.8	214.5	201.2	186.4	169.0	149.9	129.3	109.0	89.3
45°	251.4	243.4	234.4	223.3	210.6	195.6	178.5	159.8	138.1	116.6	95.6
42.5°	258.5	250.4	241.7	232.0	218.8	204.1	187.6	168.2	146.7	123.9	101.8
40°	264.1	256.7	248.4	238.4	226.4	212.4	195.3	176.1	154.9	131.0	107.9
37.5°	269.4	262.0	253.8	244.5	233.3	219.1	202.6	183.6	162.3	137.9	113.7
35°	273.8	266.7	258.6	249.5	238.7	225.4	209.6	190.5	168.6	144.3	119.2
32.5°	277.9	270.9	262.6	253.6	243.7	231.4	215.5	196.2	174.5	150.3	124.3
30°	281.7	274.1	266.3	257.4	248.1	235.9	220.5	201.6	179.9	155.9	129.1
27.5°	284.9	276.9	269.6	260.6	251.3	240.0	225.1	206.7	185.0	160.8	133.6
25°	287.8	279.6	271.9	263.5	254.1	243.7	229.4	211.2	189.3	164.9	137.7
22.5°	290.4	282.0	273.9	266.2	256.5	247.2	232.9	214.7	193.0	168.6	141.5
20°	292.7	284.1	275.5	268.2	258.6	249.2	235.7	217.8	196.3	171.9	144.8
17.5°	294.7	285.9	277.1	269.4	260.4	251.0	238.3	220.6	199.2	174.8	147.7
15°	296.5	287.2	278.5	270.4	261.8	252.4	240.5	223.1	201.7	177.3	150.1
12.5°	298.0	288.2	279.6	271.1	262.9	253.6	242.5	225.2	203.8	179.4	152.2
10°	299.2	288.7	280.4	271.6	263.6	254.5	244.1	226.9	205.4	181.0	153.8
7.5°	300.1	288.8	280.9	271.9	264.2	255.1	245.1	228.0	206.7	182.3	155.0
5°	300.9	289.2	281.4	272.4	264.8	255.7	245.6	228.7	207.4	183.1	155.8
2.5°	302.3	290.3	281.8	272.8	265.2	256.1	245.8	229.0	207.8	183.5	156.2
0°	303.2	291.1	282.0	272.9	265.3	256.2	245.6	228.9	207.7	183.4	156.1
-2.5°	302.3	290.3	281.8	272.8	265.2	256.1	245.8	229.0	207.8	183.5	156.2
-5°	300.9	289.2	281.4	272.4	264.8	255.7	245.6	228.7	207.4	183.1	155.8
-7.5°	300.1	288.8	280.9	271.9	264.2	255.1	245.1	228.0	206.7	182.3	155.0
-10°	299.2	288.7	280.4	271.6	263.6	254.5	244.1	226.9	205.4	181.0	153.8
-12.5°	298.0	288.2	279.6	271.1	262.9	253.6	242.5	225.2	203.8	179.4	152.2
-15°	296.5	287.2	278.5	270.4	261.8	252.4	240.5	223.1	201.7	177.3	150.1
-17.5°	294.7	285.9	277.1	269.4	260.4	251.0	238.3	220.6	199.2	174.8	147.7
-20°	292.7	284.1	275.5	268.2	258.6	249.2	235.7	217.8	196.3	171.9	144.8



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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°	290.4	282.0	273.9	266.2	256.5	247.2	232.9	214.7	193.0	168.6	141.5
-25°	287.8	279.6	271.9	263.5	254.1	243.7	229.4	211.2	189.3	164.9	137.7
-27.5°	284.9	276.9	269.6	260.6	251.3	240.0	225.1	206.7	185.0	160.8	133.6
-30°	281.7	274.1	266.3	257.4	248.1	235.9	220.5	201.6	179.9	155.9	129.1
-32.5°	277.9	270.9	262.6	253.6	243.7	231.4	215.5	196.2	174.5	150.3	124.3
-35°	273.8	266.7	258.6	249.5	238.7	225.4	209.6	190.5	168.6	144.3	119.2
-37.5°	269.4	262.0	253.8	244.5	233.3	219.1	202.6	183.6	162.3	137.9	113.7
-40°	264.1	256.7	248.4	238.4	226.4	212.4	195.3	176.1	154.9	131.0	107.9
-42.5°	258.5	250.4	241.7	232.0	218.8	204.1	187.6	168.2	146.7	123.9	101.8
-45°	251.4	243.4	234.4	223.3	210.6	195.6	178.5	159.8	138.1	116.6	95.6
-47.5°	243.7	235.4	225.8	214.5	201.2	186.4	169.0	149.9	129.3	109.0	89.3
-50°	234.9	226.3	216.2	204.3	191.4	175.6	158.8	139.8	120.4	101.1	82.8
-52.5°	225.2	216.1	205.4	193.5	179.7	164.6	147.4	129.4	111.3	93.3	76.0
-55°	214.6	204.3	193.5	181.1	167.4	152.1	135.7	118.9	101.8	85.3	69.0
-57.5°	201.6	191.4	180.0	167.8	154.0	139.1	123.8	108.1	92.5	77.1	62.9
-60°	187.4	176.8	165.8	153.0	139.6	125.9	111.7	97.2	83.0	68.9	56.6
-62.5°	171.8	161.4	149.4	137.3	125.0	112.4	99.4	86.5	73.4	61.4	50.2
-65°	154.1	143.3	132.3	121.7	110.5	98.9	87.3	75.5	64.2	53.7	43.9
-67.5°	134.8	125.2	115.8	106.1	95.7	85.3	75.0	64.9	55.1	45.7	38.5
-70°	115.1	107.0	98.8	89.8	80.7	71.6	63.0	54.2	45.7	39.5	33.1
-72.5°	95.5	88.5	81.1	73.4	66.1	58.6	51.0	44.0	38.8	33.3	27.5
-75°	76.1	70.1	64.2	58.2	51.9	45.6	40.9	36.6	31.9	27.1	22.8
-77.5°	56.6	52.0	47.5	43.6	39.5	35.8	32.3	29.0	25.2	21.7	18.2
-80°	39.0	36.4	33.7	30.9	28.2	25.8	24.1	22.0	19.1	16.4	13.7
-82.5°	23.7	22.6	21.6	20.5	19.4	18.2	16.7	15.0	13.0	11.0	9.5
-85°	15.0	14.3	13.5	12.6	11.7	10.6	9.8	9.0	8.1	7.2	6.4
-87.5°	7.2	6.8	6.5	6.1	5.7	5.3	4.9	4.5	4.1	3.6	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



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.7	2.4	2.0	1.5	1.1	0.5	0.0
85°	5.5	4.7	3.9	3.1	2.1	1.1	0.0
82.5°	8.2	7.1	5.9	4.6	3.2	1.6	0.0
80°	11.1	9.5	7.9	6.1	4.2	2.1	0.0
77.5°	15.0	12.1	9.8	7.6	5.2	2.6	0.0
75°	18.8	15.4	11.9	9.1	6.3	3.1	0.0
72.5°	22.6	18.5	14.4	10.6	7.3	3.6	0.0
70°	26.5	21.7	16.9	12.1	8.3	4.1	0.0
67.5°	31.3	24.8	19.4	14.0	9.3	4.6	0.0
65°	36.0	28.2	21.9	15.9	10.2	5.1	0.0
62.5°	40.5	32.0	24.3	17.7	11.2	5.6	0.0
60°	45.0	35.7	26.6	19.4	12.1	6.0	0.0
57.5°	50.3	39.2	29.4	21.2	13.2	6.5	0.0
55°	55.5	42.7	32.2	22.8	14.3	6.9	0.0
52.5°	60.7	46.2	34.8	24.5	15.4	7.4	0.0
50°	65.6	50.3	37.4	26.0	16.4	7.8	0.0
47.5°	70.5	54.3	39.8	27.7	17.4	8.2	0.0
45°	75.8	58.1	42.2	29.4	18.4	8.6	0.0
42.5°	80.9	61.8	44.4	31.1	19.3	8.9	0.0
40°	85.8	65.3	46.9	32.7	20.2	9.3	0.0
37.5°	90.4	68.6	49.6	34.1	21.0	9.6	0.0
35°	94.7	72.0	52.1	35.5	21.8	9.9	0.0
32.5°	98.8	75.4	54.4	36.8	22.5	10.2	0.0
30°	102.9	78.5	56.6	37.9	23.2	10.5	0.0
27.5°	106.7	81.4	58.6	39.0	23.9	10.7	0.0
25°	110.1	84.1	60.5	40.0	24.4	11.0	0.0
22.5°	113.3	86.5	62.2	40.8	25.0	11.2	0.0
20°	116.1	88.6	63.7	41.6	25.5	11.4	0.0
17.5°	118.7	90.6	65.1	42.3	25.9	11.5	0.0
15°	121.0	92.3	66.3	42.8	26.3	11.7	0.0
12.5°	122.9	93.7	67.3	43.3	26.6	11.8	0.0
10°	124.5	94.9	68.2	43.6	26.8	11.9	0.0
7.5°	125.7	95.8	68.8	43.9	27.0	12.0	0.0
5°	126.6	96.5	69.3	44.0	27.2	12.1	0.0
2.5°	127.1	96.9	69.6	44.1	27.3	12.1	0.0
0°	127.3	97.0	69.7	44.0	27.3	12.1	0.0
-2.5°	127.1	96.9	69.6	44.1	27.3	12.1	0.0
-5°	126.6	96.5	69.3	44.0	27.2	12.1	0.0
-7.5°	125.7	95.8	68.8	43.9	27.0	12.0	0.0
-10°	124.5	94.9	68.2	43.6	26.8	11.9	0.0
-12.5°	122.9	93.7	67.3	43.3	26.6	11.8	0.0
-15°	121.0	92.3	66.3	42.8	26.3	11.7	0.0
-17.5°	118.7	90.6	65.1	42.3	25.9	11.5	0.0
-20°	116.1	88.6	63.7	41.6	25.5	11.4	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	113.3	86.5	62.2	40.8	25.0	11.2	0.0
-25°	110.1	84.1	60.5	40.0	24.4	11.0	0.0
-27.5°	106.7	81.4	58.6	39.0	23.9	10.7	0.0
-30°	102.9	78.5	56.6	37.9	23.2	10.5	0.0
-32.5°	98.8	75.4	54.4	36.8	22.5	10.2	0.0
-35°	94.7	72.0	52.1	35.5	21.8	9.9	0.0
-37.5°	90.4	68.6	49.6	34.1	21.0	9.6	0.0
-40°	85.8	65.3	46.9	32.7	20.2	9.3	0.0
-42.5°	80.9	61.8	44.4	31.1	19.3	8.9	0.0
-45°	75.8	58.1	42.2	29.4	18.4	8.6	0.0
-47.5°	70.5	54.3	39.8	27.7	17.4	8.2	0.0
-50°	65.6	50.3	37.4	26.0	16.4	7.8	0.0
-52.5°	60.7	46.2	34.8	24.5	15.4	7.4	0.0
-55°	55.5	42.7	32.2	22.8	14.3	6.9	0.0
-57.5°	50.3	39.2	29.4	21.2	13.2	6.5	0.0
-60°	45.0	35.7	26.6	19.4	12.1	6.0	0.0
-62.5°	40.5	32.0	24.3	17.7	11.2	5.6	0.0
-65°	36.0	28.2	21.9	15.9	10.2	5.1	0.0
-67.5°	31.3	24.8	19.4	14.0	9.3	4.6	0.0
-70°	26.5	21.7	16.9	12.1	8.3	4.1	0.0
-72.5°	22.6	18.5	14.4	10.6	7.3	3.6	0.0
-75°	18.8	15.4	11.9	9.1	6.3	3.1	0.0
-77.5°	15.0	12.1	9.8	7.6	5.2	2.6	0.0
-80°	11.1	9.5	7.9	6.1	4.2	2.1	0.0
-82.5°	8.2	7.1	5.9	4.6	3.2	1.6	0.0
-85°	5.5	4.7	3.9	3.1	2.1	1.1	0.0
-87.5°	2.7	2.4	2.0	1.5	1.1	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)