

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: P558909 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-927-U-MWR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558909 (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-SA4C-927-U-MWR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5  
Light Source: (64) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

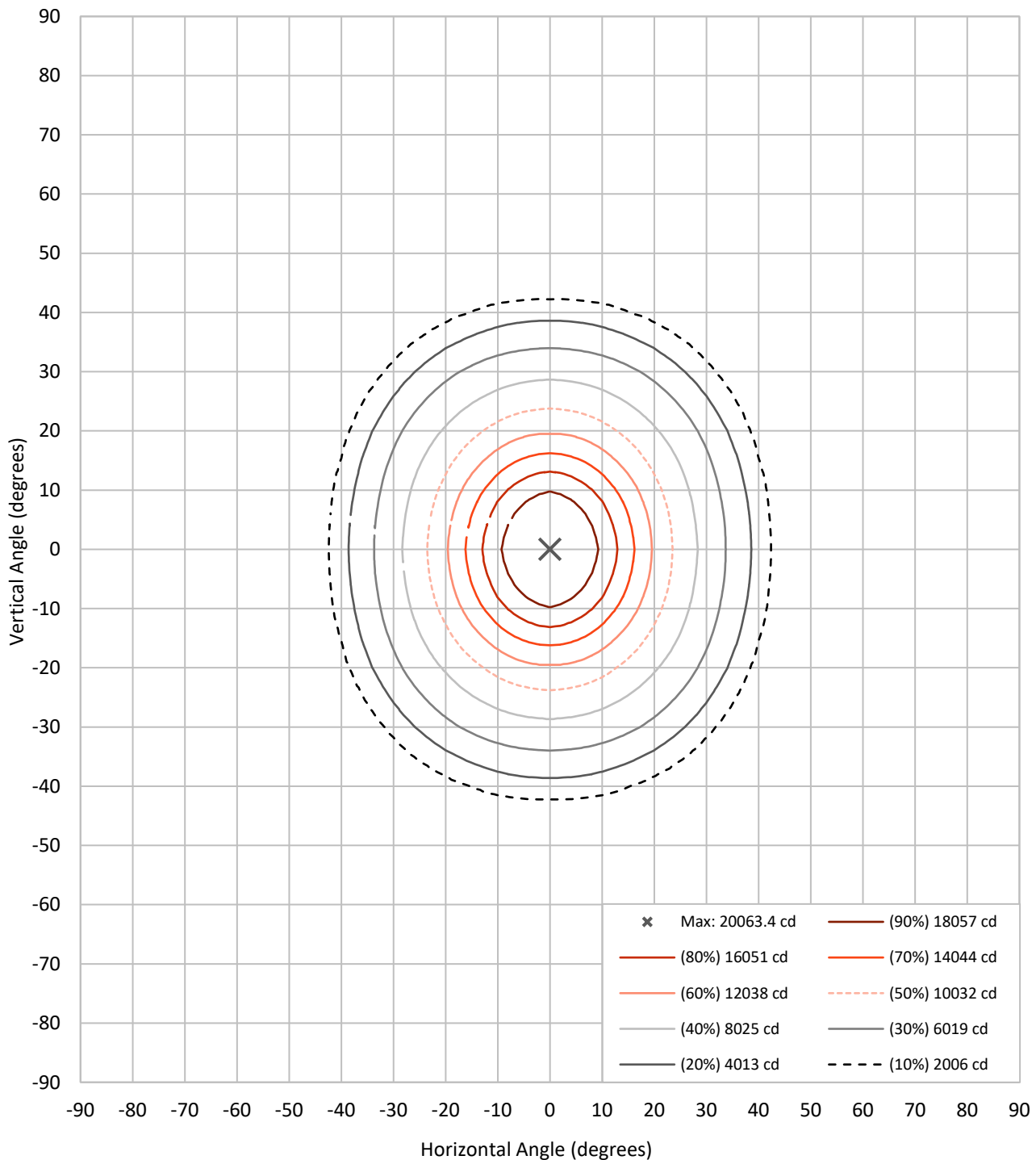
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	15618.3 lumens	Max Intensity:	20063.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	95.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	7369.7 lumens	Field Lumens:	14181.4 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 164  
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





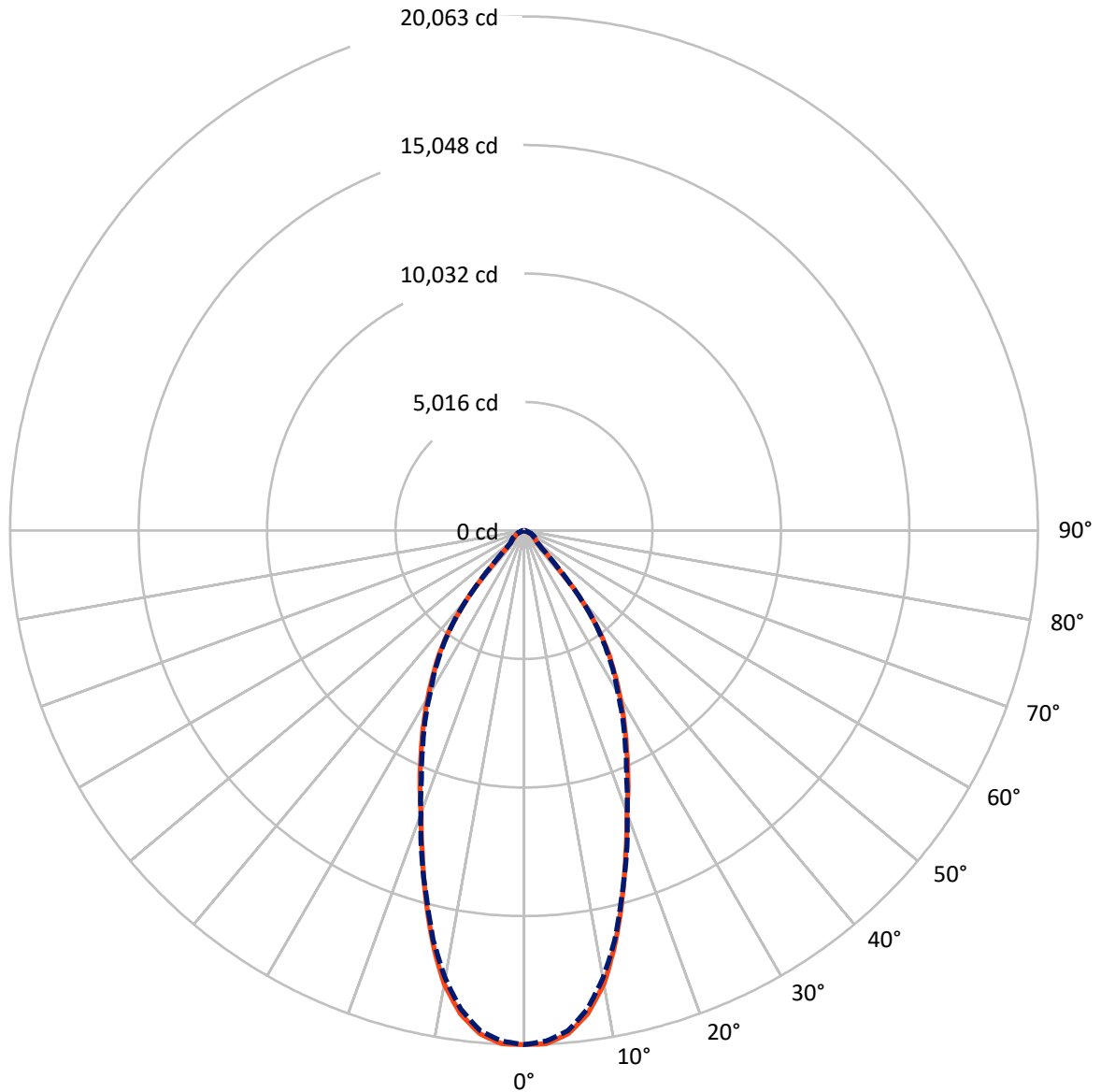
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### Lumen Table

90																
80	0.3	1.9		4.3		7.0		5.5		7.0		4.3		1.9		0.3
70																
60	1.1	1.2	2.3	3.5	5.0	6.2	7.2	7.7	7.7	7.2	6.2	5.0	3.5	2.3	1.2	1.1
50		1.9	3.8	6.3	9.0	11.2	12.8	14.1	14.1	12.8	11.2	9.0	6.3	3.8	1.9	
40	1.7	2.5	5.2	8.8	12.8	17.5	27.7	38.9	38.9	27.7	17.5	12.8	8.8	5.2	2.5	1.7
30		3.0	6.5	11.0	20.6	65.8	128.2	163.3	163.3	128.2	65.8	20.6	11.0	6.5	3.0	
20	1.8	3.5	7.6	13.7	60.2	157.2	232.0	281.0	281.0	232.0	157.2	60.2	13.7	7.6	3.5	1.8
10		4.0	8.5	21.0	109.4	217.0	329.7	429.2	429.2	329.7	217.0	109.4	21.0	8.5	4.0	
0	1.9	4.2	9.2	29.0	133.3	253.2	414.8	561.0	561.0	414.8	253.2	133.3	29.0	9.2	4.2	1.9
-10		4.2	9.2	29.0	133.3	253.2	414.8	561.0	561.0	414.8	253.2	133.3	29.0	9.2	4.2	
-20	1.8	4.0	8.5	21.0	109.4	217.0	329.7	429.2	429.2	329.7	217.0	109.4	21.0	8.5	4.0	1.8
-30		3.5	7.6	13.7	60.2	157.2	232.0	281.0	281.0	232.0	157.2	60.2	13.7	7.6	3.5	
-40	1.7	3.0	6.5	11.0	20.6	65.8	128.2	163.3	163.3	128.2	65.8	20.6	11.0	6.5	3.0	1.7
-50		2.5	5.2	8.8	12.8	17.5	27.7	38.9	38.9	27.7	17.5	12.8	8.8	5.2	2.5	
-60	1.1	1.9	3.8	6.3	9.0	11.2	12.8	14.1	14.1	12.8	11.2	9.0	6.3	3.8	1.9	1.1
-70		1.2	2.3	3.5	5.0	6.2	7.2	7.7	7.7	7.2	6.2	5.0	3.5	2.3	1.2	
-80																
-90	0.3	1.9		4.3		7.0		5.5		7.0		4.3		1.9		0.3

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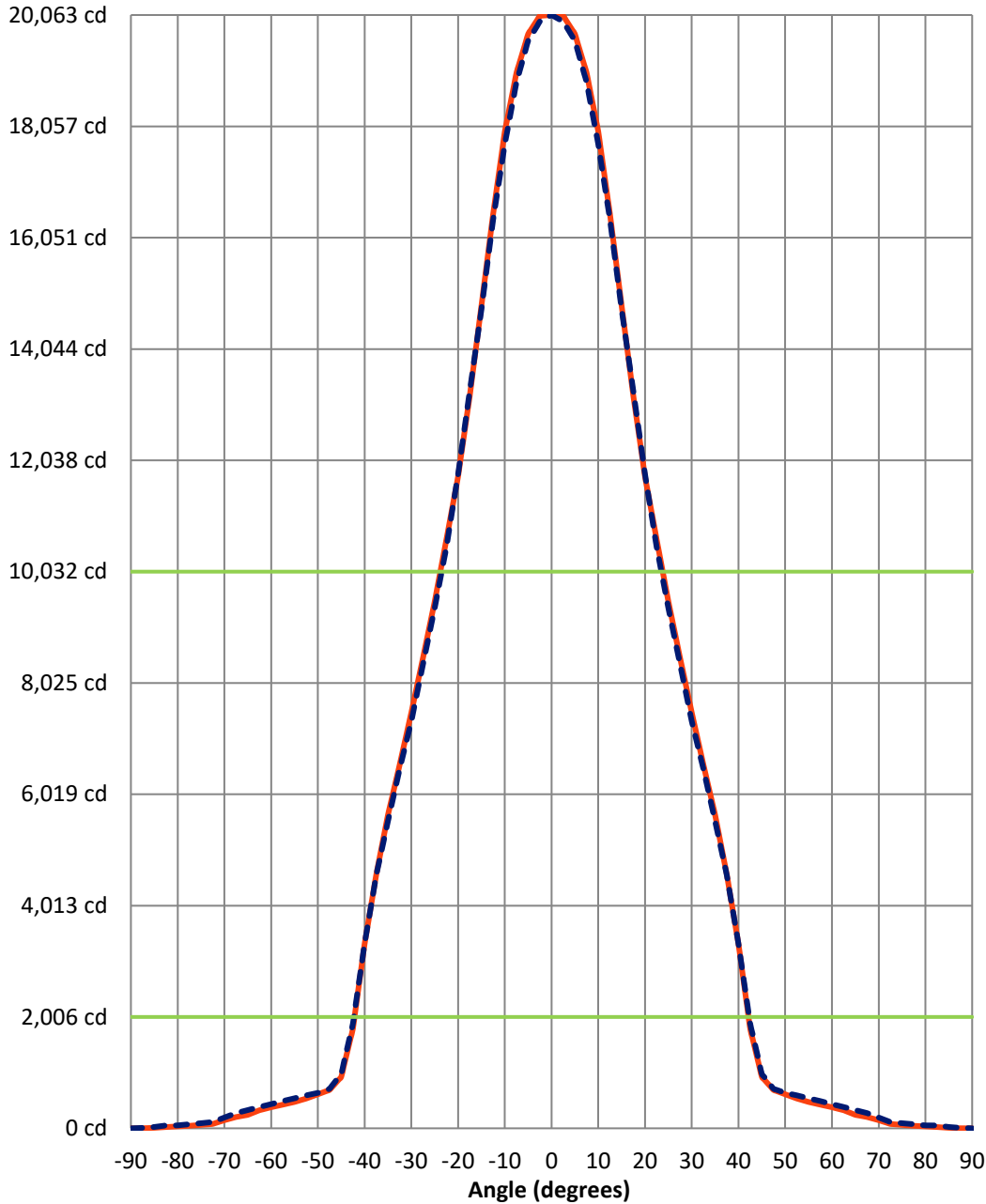
### Luminous Intensity Polar Plot



— 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: 7369.7  
 Efficiency: 47.2%

**Field:**  
 H Angle: 84.6°  
 V Angle: 84.3°  
 Lumens: 14181.4  
 Efficiency: 90.8%

**Spill:**  
 Lumens: 1436.9  
 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	0.3	0.7	1.1	1.6	2.1	2.7	3.0	3.3	3.6	3.8
85°	0.0	0.7	1.3	2.1	3.1	4.2	5.4	6.1	6.7	7.2	7.6
82.5°	0.0	1.0	2.0	3.2	4.7	6.3	8.1	9.1	10.3	12.3	13.9
80°	0.0	1.3	2.6	4.3	6.2	8.4	11.2	14.9	17.8	20.0	21.6
77.5°	0.0	1.6	3.2	5.3	7.7	11.4	17.6	22.1	25.3	27.8	30.0
75°	0.0	1.9	3.9	6.3	9.6	16.3	23.9	29.2	33.1	37.3	40.4
72.5°	0.0	2.3	4.5	7.3	13.1	21.1	30.1	36.9	42.7	47.4	50.9
70°	0.0	2.6	5.1	8.6	16.6	25.8	36.2	45.8	52.4	57.7	66.0
67.5°	0.0	2.9	5.7	10.9	20.0	30.3	43.4	54.8	62.1	70.7	81.6
65°	0.0	3.2	6.3	13.2	23.2	35.1	50.2	63.8	72.3	83.1	96.2
62.5°	0.0	3.5	6.9	15.4	26.3	40.2	56.8	71.9	82.0	95.1	109.8
60°	0.0	3.7	7.5	17.5	29.3	45.0	63.0	79.3	91.2	107.3	123.2
57.5°	0.0	4.0	8.8	19.5	32.8	49.6	67.2	85.8	101.5	119.2	134.8
55°	0.0	4.3	10.1	21.5	36.0	53.9	70.8	90.6	112.0	130.5	145.6
52.5°	0.0	4.6	11.4	23.3	39.1	57.6	73.8	97.1	122.2	140.1	156.2
50°	0.0	4.8	12.6	25.0	41.9	59.5	76.4	103.2	131.7	149.4	167.9
47.5°	0.0	5.1	13.7	26.7	44.6	61.0	78.7	108.5	139.9	158.6	179.3
45°	0.0	5.3	14.8	28.5	47.0	62.1	82.5	113.1	144.0	168.4	190.3
42.5°	0.0	5.5	15.8	30.1	49.2	62.8	85.7	116.3	147.3	177.8	201.5
40°	0.0	5.7	16.8	31.8	50.3	63.2	88.4	118.4	150.1	186.2	212.4
37.5°	0.0	5.9	17.8	33.6	50.5	63.1	90.4	119.9	153.2	190.3	222.8
35°	0.0	6.1	18.6	35.4	50.4	63.9	91.8	120.8	155.7	196.4	232.8
32.5°	0.0	6.3	19.4	37.1	50.1	64.9	92.6	121.0	157.8	203.8	241.9
30°	0.0	6.5	20.2	38.7	49.6	65.5	92.5	121.0	159.4	212.4	250.8
27.5°	0.0	6.7	20.9	40.3	50.1	65.7	92.0	121.8	162.5	222.1	259.6
25°	0.0	6.8	21.5	41.8	50.7	65.5	91.0	122.1	169.1	230.2	268.2
22.5°	0.0	6.9	22.1	43.2	51.2	65.7	89.5	121.9	175.9	236.8	278.8
20°	0.0	7.0	22.5	44.5	51.6	67.3	87.6	121.3	182.8	243.1	288.4
17.5°	0.0	7.2	23.0	45.8	51.9	68.8	87.8	120.1	189.6	248.8	297.0
15°	0.0	7.2	23.3	46.9	52.2	70.2	89.1	119.8	196.2	254.1	304.6
12.5°	0.0	7.3	23.6	47.9	52.4	71.3	90.1	120.3	200.8	258.8	311.1
10°	0.0	7.4	23.8	48.9	52.5	72.2	90.9	120.0	202.6	262.6	316.6
7.5°	0.0	7.4	24.0	49.6	52.6	72.9	91.5	119.0	202.8	266.4	321.3
5°	0.0	7.5	24.1	50.3	52.7	73.4	91.9	117.5	201.4	269.8	324.8
2.5°	0.0	7.5	24.1	50.8	52.7	73.7	92.0	115.4	198.6	272.5	327.1
0°	0.0	7.5	24.1	51.2	52.7	73.8	91.9	113.0	194.3	274.1	328.4
-2.5°	0.0	7.5	24.1	50.8	52.7	73.7	92.0	115.4	198.6	272.5	327.1
-5°	0.0	7.5	24.1	50.3	52.7	73.4	91.9	117.5	201.4	269.8	324.8
-7.5°	0.0	7.4	24.0	49.6	52.6	72.9	91.5	119.0	202.8	266.4	321.3
-10°	0.0	7.4	23.8	48.9	52.5	72.2	90.9	120.0	202.6	262.6	316.6
-12.5°	0.0	7.3	23.6	47.9	52.4	71.3	90.1	120.3	200.8	258.8	311.1
-15°	0.0	7.2	23.3	46.9	52.2	70.2	89.1	119.8	196.2	254.1	304.6
-17.5°	0.0	7.2	23.0	45.8	51.9	68.8	87.8	120.1	189.6	248.8	297.0
-20°	0.0	7.0	22.5	44.5	51.6	67.3	87.6	121.3	182.8	243.1	288.4



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 CATALOG NUMBER: GFLD-SA4C-927-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	6.9	22.1	43.2	51.2	65.7	89.5	121.9	175.9	236.8	278.8
-25°	0.0	6.8	21.5	41.8	50.7	65.5	91.0	122.1	169.1	230.2	268.2
-27.5°	0.0	6.7	20.9	40.3	50.1	65.7	92.0	121.8	162.5	222.1	259.6
-30°	0.0	6.5	20.2	38.7	49.6	65.5	92.5	121.0	159.4	212.4	250.8
-32.5°	0.0	6.3	19.4	37.1	50.1	64.9	92.6	121.0	157.8	203.8	241.9
-35°	0.0	6.1	18.6	35.4	50.4	63.9	91.8	120.8	155.7	196.4	232.8
-37.5°	0.0	5.9	17.8	33.6	50.5	63.1	90.4	119.9	153.2	190.3	222.8
-40°	0.0	5.7	16.8	31.8	50.3	63.2	88.4	118.4	150.1	186.2	212.4
-42.5°	0.0	5.5	15.8	30.1	49.2	62.8	85.7	116.3	147.3	177.8	201.5
-45°	0.0	5.3	14.8	28.5	47.0	62.1	82.5	113.1	144.0	168.4	190.3
-47.5°	0.0	5.1	13.7	26.7	44.6	61.0	78.7	108.5	139.9	158.6	179.3
-50°	0.0	4.8	12.6	25.0	41.9	59.5	76.4	103.2	131.7	149.4	167.9
-52.5°	0.0	4.6	11.4	23.3	39.1	57.6	73.8	97.1	122.2	140.1	156.2
-55°	0.0	4.3	10.1	21.5	36.0	53.9	70.8	90.6	112.0	130.5	145.6
-57.5°	0.0	4.0	8.8	19.5	32.8	49.6	67.2	85.8	101.5	119.2	134.8
-60°	0.0	3.7	7.5	17.5	29.3	45.0	63.0	79.3	91.2	107.3	123.2
-62.5°	0.0	3.5	6.9	15.4	26.3	40.2	56.8	71.9	82.0	95.1	109.8
-65°	0.0	3.2	6.3	13.2	23.2	35.1	50.2	63.8	72.3	83.1	96.2
-67.5°	0.0	2.9	5.7	10.9	20.0	30.3	43.4	54.8	62.1	70.7	81.6
-70°	0.0	2.6	5.1	8.6	16.6	25.8	36.2	45.8	52.4	57.7	66.0
-72.5°	0.0	2.3	4.5	7.3	13.1	21.1	30.1	36.9	42.7	47.4	50.9
-75°	0.0	1.9	3.9	6.3	9.6	16.3	23.9	29.2	33.1	37.3	40.4
-77.5°	0.0	1.6	3.2	5.3	7.7	11.4	17.6	22.1	25.3	27.8	30.0
-80°	0.0	1.3	2.6	4.3	6.2	8.4	11.2	14.9	17.8	20.0	21.6
-82.5°	0.0	1.0	2.0	3.2	4.7	6.3	8.1	9.1	10.3	12.3	13.9
-85°	0.0	0.7	1.3	2.1	3.1	4.2	5.4	6.1	6.7	7.2	7.6
-87.5°	0.0	0.3	0.7	1.1	1.6	2.1	2.7	3.0	3.3	3.6	3.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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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°	3.8	3.8	3.6	3.4	3.2	2.9	2.5	2.1	2.2	2.3	2.4
85°	7.6	7.5	8.1	8.7	8.9	8.8	8.6	8.1	9.2	10.6	12.0
82.5°	15.2	16.6	17.8	19.1	19.1	18.7	18.0	17.3	19.9	23.2	26.7
80°	23.6	25.6	28.5	31.5	32.4	32.1	31.1	29.4	33.1	38.4	44.5
77.5°	33.7	37.8	41.9	46.0	47.1	46.2	44.2	41.1	45.8	54.5	64.1
75°	44.7	49.9	56.5	61.6	62.7	60.9	57.9	55.2	60.9	71.6	81.9
72.5°	58.5	66.9	73.4	77.9	78.2	76.6	75.1	73.7	80.0	92.8	103.3
70°	75.9	84.4	89.5	92.2	92.8	93.9	98.2	102.2	108.5	119.4	128.1
67.5°	93.3	100.0	104.5	107.8	114.3	120.5	126.4	132.5	139.5	148.7	155.3
65°	108.7	115.6	121.6	129.4	138.9	146.3	154.2	162.8	172.5	181.2	187.5
62.5°	123.9	131.3	139.8	150.1	161.1	171.1	182.7	194.6	206.1	216.0	226.8
60°	136.5	146.4	157.6	170.1	183.3	198.5	212.5	226.2	238.8	251.1	266.4
57.5°	148.4	161.8	175.6	190.5	207.8	226.4	242.8	257.8	273.6	291.5	306.5
55°	160.9	177.8	193.6	211.6	232.2	254.6	272.6	289.6	309.1	330.6	347.3
52.5°	174.5	193.1	211.6	233.3	258.2	280.4	299.3	320.4	344.1	367.3	386.7
50°	187.6	208.2	229.6	257.1	281.9	303.1	326.5	352.0	376.7	400.6	423.5
47.5°	200.8	222.8	251.4	279.4	302.6	327.5	354.7	381.0	406.9	431.9	455.9
45°	213.7	239.8	271.6	298.2	324.0	352.6	380.7	408.3	435.6	462.1	488.3
42.5°	226.2	256.6	288.5	316.5	346.1	376.0	405.4	434.5	463.3	491.7	519.7
40°	239.9	271.8	305.5	336.0	366.9	398.0	429.0	459.8	490.2	520.3	549.9
37.5°	252.5	287.6	322.7	354.6	386.4	419.0	451.5	484.1	516.1	547.5	581.2
35°	263.7	303.6	339.0	372.5	405.8	438.9	473.3	507.6	541.3	575.3	618.3
32.5°	276.3	319.7	354.4	389.7	424.2	458.3	494.0	530.3	566.2	605.9	667.8
30°	290.6	333.2	369.1	406.1	441.5	477.3	514.2	552.1	589.8	651.6	794.5
27.5°	304.4	345.6	383.3	421.2	457.7	494.8	533.5	572.7	625.3	720.3	952.2
25°	317.3	357.5	396.6	435.0	472.6	511.2	551.2	591.9	663.3	855.3	1367.5
22.5°	328.1	368.9	409.6	447.7	486.2	526.0	567.6	621.7	732.1	991.5	1829.6
20°	337.4	379.9	421.5	461.0	498.9	539.2	582.5	650.0	836.5	1380.5	2383.3
17.5°	346.0	389.8	432.4	473.7	513.5	553.0	597.4	674.4	930.5	1718.6	2940.1
15°	353.9	398.7	442.5	485.5	526.8	567.9	620.9	744.0	1120.7	2054.2	3436.1
12.5°	361.0	406.5	451.7	496.5	538.7	581.2	642.0	813.0	1353.6	2447.9	3774.6
10°	367.2	413.2	460.0	506.5	549.2	592.9	659.9	869.8	1545.1	2771.7	4046.7
7.5°	372.9	419.6	467.7	515.4	558.3	602.9	674.5	914.0	1693.0	3015.6	4263.7
5°	377.8	425.9	476.7	525.1	569.7	613.8	687.0	945.8	1796.9	3179.9	4421.8
2.5°	381.5	431.2	484.5	533.6	582.3	627.1	701.3	969.3	1863.9	3284.6	4522.9
0°	384.1	435.3	491.0	540.7	593.5	638.7	712.5	980.6	1888.9	3322.8	4561.0
-2.5°	381.5	431.2	484.5	533.6	582.3	627.1	701.3	969.3	1863.9	3284.6	4522.9
-5°	377.8	425.9	476.7	525.1	569.7	613.8	687.0	945.8	1796.9	3179.9	4421.8
-7.5°	372.9	419.6	467.7	515.4	558.3	602.9	674.5	914.0	1693.0	3015.6	4263.7
-10°	367.2	413.2	460.0	506.5	549.2	592.9	659.9	869.8	1545.1	2771.7	4046.7
-12.5°	361.0	406.5	451.7	496.5	538.7	581.2	642.0	813.0	1353.6	2447.9	3774.6
-15°	353.9	398.7	442.5	485.5	526.8	567.9	620.9	744.0	1120.7	2054.2	3436.1
-17.5°	346.0	389.8	432.4	473.7	513.5	553.0	597.4	674.4	930.5	1718.6	2940.1
-20°	337.4	379.9	421.5	461.0	498.9	539.2	582.5	650.0	836.5	1380.5	2383.3



REPORT NUMBER: P558909 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	328.1	368.9	409.6	447.7	486.2	526.0	567.6	621.7	732.1	991.5	1829.6
-25°	317.3	357.5	396.6	435.0	472.6	511.2	551.2	591.9	663.3	855.3	1367.5
-27.5°	304.4	345.6	383.3	421.2	457.7	494.8	533.5	572.7	625.3	720.3	952.2
-30°	290.6	333.2	369.1	406.1	441.5	477.3	514.2	552.1	589.8	651.6	794.5
-32.5°	276.3	319.7	354.4	389.7	424.2	458.3	494.0	530.3	566.2	605.9	667.8
-35°	263.7	303.6	339.0	372.5	405.8	438.9	473.3	507.6	541.3	575.3	618.3
-37.5°	252.5	287.6	322.7	354.6	386.4	419.0	451.5	484.1	516.1	547.5	581.2
-40°	239.9	271.8	305.5	336.0	366.9	398.0	429.0	459.8	490.2	520.3	549.9
-42.5°	226.2	256.6	288.5	316.5	346.1	376.0	405.4	434.5	463.3	491.7	519.7
-45°	213.7	239.8	271.6	298.2	324.0	352.6	380.7	408.3	435.6	462.1	488.3
-47.5°	200.8	222.8	251.4	279.4	302.6	327.5	354.7	381.0	406.9	431.9	455.9
-50°	187.6	208.2	229.6	257.1	281.9	303.1	326.5	352.0	376.7	400.6	423.5
-52.5°	174.5	193.1	211.6	233.3	258.2	280.4	299.3	320.4	344.1	367.3	386.7
-55°	160.9	177.8	193.6	211.6	232.2	254.6	272.6	289.6	309.1	330.6	347.3
-57.5°	148.4	161.8	175.6	190.5	207.8	226.4	242.8	257.8	273.6	291.5	306.5
-60°	136.5	146.4	157.6	170.1	183.3	198.5	212.5	226.2	238.8	251.1	266.4
-62.5°	123.9	131.3	139.8	150.1	161.1	171.1	182.7	194.6	206.1	216.0	226.8
-65°	108.7	115.6	121.6	129.4	138.9	146.3	154.2	162.8	172.5	181.2	187.5
-67.5°	93.3	100.0	104.5	107.8	114.3	120.5	126.4	132.5	139.5	148.7	155.3
-70°	75.9	84.4	89.5	92.2	92.8	93.9	98.2	102.2	108.5	119.4	128.1
-72.5°	58.5	66.9	73.4	77.9	78.2	76.6	75.1	73.7	80.0	92.8	103.3
-75°	44.7	49.9	56.5	61.6	62.7	60.9	57.9	55.2	60.9	71.6	81.9
-77.5°	33.7	37.8	41.9	46.0	47.1	46.2	44.2	41.1	45.8	54.5	64.1
-80°	23.6	25.6	28.5	31.5	32.4	32.1	31.1	29.4	33.1	38.4	44.5
-82.5°	15.2	16.6	17.8	19.1	19.1	18.7	18.0	17.3	19.9	23.2	26.7
-85°	7.6	7.5	8.1	8.7	8.9	8.8	8.6	8.1	9.2	10.6	12.0
-87.5°	3.8	3.8	3.6	3.4	3.2	2.9	2.5	2.1	2.2	2.3	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: P558909 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.5	2.5	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.6	2.2
85°	13.6	13.2	12.5	11.5	10.4	11.0	11.6	12.3	12.9	12.0	11.0
82.5°	30.4	30.8	30.8	30.7	30.6	31.9	33.2	34.3	35.2	32.5	29.4
80°	51.2	53.6	55.1	56.4	57.5	57.5	56.8	55.4	53.5	48.9	43.9
77.5°	74.0	77.8	79.7	81.7	83.6	84.3	84.8	85.3	85.8	77.9	67.8
75°	91.8	97.4	100.8	103.8	106.7	108.3	109.2	109.8	110.1	100.5	88.1
72.5°	111.9	117.5	121.5	125.3	128.8	131.2	132.5	133.5	134.2	125.9	114.0
70°	134.2	138.6	143.3	148.0	152.4	155.3	157.3	158.9	160.1	159.3	158.6
67.5°	160.5	164.4	170.2	174.6	179.2	182.4	185.8	188.5	190.5	192.7	195.2
65°	193.5	202.8	211.2	215.5	216.1	220.8	228.4	233.3	235.7	237.7	240.2
62.5°	239.3	250.6	256.6	263.8	273.2	281.8	285.1	289.5	294.8	301.2	308.6
60°	278.6	288.0	297.6	307.6	316.1	323.2	331.0	338.7	345.7	352.1	358.4
57.5°	318.8	329.0	338.9	350.5	358.6	363.5	371.0	380.3	387.4	393.0	401.4
55°	360.5	373.7	387.0	397.5	405.2	410.3	416.0	424.9	430.2	432.3	442.0
52.5°	402.4	418.0	434.5	446.8	455.0	462.6	469.6	477.4	482.8	485.3	494.9
50°	441.2	459.8	478.2	494.2	505.1	517.7	531.9	539.0	543.6	548.6	559.3
47.5°	478.1	498.9	518.6	536.7	552.4	566.5	578.8	590.7	608.1	622.0	635.7
45°	513.6	535.8	557.1	577.5	595.0	622.7	649.1	671.6	731.7	782.2	820.8
42.5°	547.0	573.8	597.8	631.8	668.7	732.8	831.7	923.3	1100.6	1329.0	1519.6
40°	581.9	616.6	659.6	725.7	850.8	979.3	1363.7	1706.3	2043.1	2426.3	2754.6
37.5°	622.5	674.9	800.8	950.2	1351.1	1794.7	2339.5	2874.2	3339.8	3738.3	4070.9
35°	676.4	838.2	1073.4	1617.6	2210.0	2937.3	3565.1	4068.1	4528.1	4897.2	5175.1
32.5°	835.1	1131.1	1752.3	2500.9	3315.8	4018.4	4629.9	5111.5	5531.1	5862.0	6119.5
30°	1067.4	1747.8	2591.5	3488.0	4299.7	4970.6	5535.6	5994.6	6369.2	6705.8	6988.4
27.5°	1619.6	2495.1	3486.8	4401.2	5139.5	5767.5	6274.4	6729.1	7142.1	7496.6	7830.7
25°	2223.9	3307.7	4308.0	5140.2	5829.2	6418.4	6953.0	7450.4	7912.6	8327.5	8716.2
22.5°	2949.6	4030.4	4986.4	5756.7	6424.3	7029.6	7597.4	8150.9	8689.1	9195.4	9665.7
20°	3606.6	4667.4	5501.0	6270.2	6963.9	7594.7	8220.5	8865.6	9486.6	10096.5	10662.8
17.5°	4118.6	5105.5	5942.4	6722.1	7428.1	8142.4	8858.7	9599.6	10348.7	11057.0	11734.4
15°	4546.2	5470.9	6319.0	7098.6	7874.9	8663.1	9463.2	10336.1	11227.1	12074.9	12938.3
12.5°	4849.2	5775.8	6635.6	7417.9	8288.3	9143.8	10075.2	11070.0	12099.1	13086.6	14147.2
10°	5092.9	6019.1	6871.7	7715.2	8636.3	9584.9	10629.6	11725.3	12953.3	14122.5	15265.3
7.5°	5302.0	6222.0	7061.3	7957.6	8925.9	9968.5	11104.7	12343.5	13672.4	14973.5	16333.8
5°	5454.9	6360.4	7208.7	8156.3	9148.5	10248.8	11471.2	12794.9	14220.0	15645.6	16990.8
2.5°	5535.9	6439.3	7300.3	8279.6	9279.0	10418.6	11691.6	13094.7	14600.0	16155.6	17482.0
0°	5534.0	6472.4	7335.5	8362.8	9375.0	10470.0	11786.5	13286.7	14755.3	16371.6	17733.2
-2.5°	5535.9	6439.3	7300.3	8279.6	9279.0	10418.6	11691.6	13094.7	14600.0	16155.6	17482.0
-5°	5454.9	6360.4	7208.7	8156.3	9148.5	10248.8	11471.2	12794.9	14220.0	15645.6	16990.8
-7.5°	5302.0	6222.0	7061.3	7957.6	8925.9	9968.5	11104.7	12343.5	13672.4	14973.5	16333.8
-10°	5092.9	6019.1	6871.7	7715.2	8636.3	9584.9	10629.6	11725.3	12953.3	14122.5	15265.3
-12.5°	4849.2	5775.8	6635.6	7417.9	8288.3	9143.8	10075.2	11070.0	12099.1	13086.6	14147.2
-15°	4546.2	5470.9	6319.0	7098.6	7874.9	8663.1	9463.2	10336.1	11227.1	12074.9	12938.3
-17.5°	4118.6	5105.5	5942.4	6722.1	7428.1	8142.4	8858.7	9599.6	10348.7	11057.0	11734.4
-20°	3606.6	4667.4	5501.0	6270.2	6963.9	7594.7	8220.5	8865.6	9486.6	10096.5	10662.8



REPORT NUMBER: P558909 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2949.6	4030.4	4986.4	5756.7	6424.3	7029.6	7597.4	8150.9	8689.1	9195.4	9665.7
-25°	2223.9	3307.7	4308.0	5140.2	5829.2	6418.4	6953.0	7450.4	7912.6	8327.5	8716.2
-27.5°	1619.6	2495.1	3486.8	4401.2	5139.5	5767.5	6274.4	6729.1	7142.1	7496.6	7830.7
-30°	1067.4	1747.8	2591.5	3488.0	4299.7	4970.6	5535.6	5994.6	6369.2	6705.8	6988.4
-32.5°	835.1	1131.1	1752.3	2500.9	3315.8	4018.4	4629.9	5111.5	5531.1	5862.0	6119.5
-35°	676.4	838.2	1073.4	1617.6	2210.0	2937.3	3565.1	4068.1	4528.1	4897.2	5175.1
-37.5°	622.5	674.9	800.8	950.2	1351.1	1794.7	2339.5	2874.2	3339.8	3738.3	4070.9
-40°	581.9	616.6	659.6	725.7	850.8	979.3	1363.7	1706.3	2043.1	2426.3	2754.6
-42.5°	547.0	573.8	597.8	631.8	668.7	732.8	831.7	923.3	1100.6	1329.0	1519.6
-45°	513.6	535.8	557.1	577.5	595.0	622.7	649.1	671.6	731.7	782.2	820.8
-47.5°	478.1	498.9	518.6	536.7	552.4	566.5	578.8	590.7	608.1	622.0	635.7
-50°	441.2	459.8	478.2	494.2	505.1	517.7	531.9	539.0	543.6	548.6	559.3
-52.5°	402.4	418.0	434.5	446.8	455.0	462.6	469.6	477.4	482.8	485.3	494.9
-55°	360.5	373.7	387.0	397.5	405.2	410.3	416.0	424.9	430.2	432.3	442.0
-57.5°	318.8	329.0	338.9	350.5	358.6	363.5	371.0	380.3	387.4	393.0	401.4
-60°	278.6	288.0	297.6	307.6	316.1	323.2	331.0	338.7	345.7	352.1	358.4
-62.5°	239.3	250.6	256.6	263.8	273.2	281.8	285.1	289.5	294.8	301.2	308.6
-65°	193.5	202.8	211.2	215.5	216.1	220.8	228.4	233.3	235.7	237.7	240.2
-67.5°	160.5	164.4	170.2	174.6	179.2	182.4	185.8	188.5	190.5	192.7	195.2
-70°	134.2	138.6	143.3	148.0	152.4	155.3	157.3	158.9	160.1	159.3	158.6
-72.5°	111.9	117.5	121.5	125.3	128.8	131.2	132.5	133.5	134.2	125.9	114.0
-75°	91.8	97.4	100.8	103.8	106.7	108.3	109.2	109.8	110.1	100.5	88.1
-77.5°	74.0	77.8	79.7	81.7	83.6	84.3	84.8	85.3	85.8	77.9	67.8
-80°	51.2	53.6	55.1	56.4	57.5	57.5	56.8	55.4	53.5	48.9	43.9
-82.5°	30.4	30.8	30.8	30.7	30.6	31.9	33.2	34.3	35.2	32.5	29.4
-85°	13.6	13.2	12.5	11.5	10.4	11.0	11.6	12.3	12.9	12.0	11.0
-87.5°	2.5	2.5	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.6	2.2
-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: P558909 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.9	1.5	1.5	1.5	1.5	1.5	1.9	2.2	2.6	2.9	2.9
85°	10.0	9.0	9.0	9.0	9.0	9.0	10.0	11.0	12.0	12.9	12.3
82.5°	26.1	22.5	22.6	22.6	22.6	22.5	26.1	29.4	32.5	35.2	34.3
80°	38.6	33.1	33.8	34.6	33.8	33.1	38.6	43.9	48.9	53.5	55.4
77.5°	56.9	45.5	45.1	45.2	45.1	45.5	56.9	67.8	77.9	85.8	85.3
75°	75.4	62.3	61.7	61.8	61.7	62.3	75.4	88.1	100.5	110.1	109.8
72.5°	101.9	89.4	83.7	78.3	83.7	89.4	101.9	114.0	125.9	134.2	133.5
70°	158.8	159.1	153.6	146.1	153.6	159.1	158.8	158.6	159.3	160.1	158.9
67.5°	197.3	198.9	201.2	203.3	201.2	198.9	197.3	195.2	192.7	190.5	188.5
65°	241.3	241.2	242.1	242.5	242.1	241.2	241.3	240.2	237.7	235.7	233.3
62.5°	314.9	320.0	323.6	325.4	323.6	320.0	314.9	308.6	301.2	294.8	289.5
60°	363.6	367.8	373.7	379.6	373.7	367.8	363.6	358.4	352.1	345.7	338.7
57.5°	409.2	416.2	422.0	426.3	422.0	416.2	409.2	401.4	393.0	387.4	380.3
55°	451.3	459.4	467.3	474.5	467.3	459.4	451.3	442.0	432.3	430.2	424.9
52.5°	504.1	510.8	522.0	536.2	522.0	510.8	504.1	494.9	485.3	482.8	477.4
50°	571.6	581.8	595.9	613.0	595.9	581.8	571.6	559.3	548.6	543.6	539.0
47.5°	649.6	659.9	673.5	691.4	673.5	659.9	649.6	635.7	622.0	608.1	590.7
45°	856.0	880.0	902.1	926.4	902.1	880.0	856.0	820.8	782.2	731.7	671.6
42.5°	1672.4	1778.0	1823.6	1797.0	1823.6	1778.0	1672.4	1519.6	1329.0	1100.6	923.3
40°	3004.9	3180.5	3283.8	3319.8	3283.8	3180.5	3004.9	2754.6	2426.3	2043.1	1706.3
37.5°	4313.9	4475.5	4562.7	4573.0	4562.7	4475.5	4313.9	4070.9	3738.3	3339.8	2874.2
35°	5375.7	5508.8	5587.7	5647.0	5587.7	5508.8	5375.7	5175.1	4897.2	4528.1	4068.1
32.5°	6329.3	6481.0	6568.8	6549.2	6568.8	6481.0	6329.3	6119.5	5862.0	5531.1	5111.5
30°	7220.1	7386.1	7489.1	7492.1	7489.1	7386.1	7220.1	6988.4	6705.8	6369.2	5994.6
27.5°	8100.8	8287.1	8394.6	8478.7	8394.6	8287.1	8100.8	7830.7	7496.6	7142.1	6729.1
25°	9040.4	9272.6	9410.5	9494.0	9410.5	9272.6	9040.4	8716.2	8327.5	7912.6	7450.4
22.5°	10053.4	10341.1	10530.0	10608.6	10530.0	10341.1	10053.4	9665.7	9195.4	8689.1	8150.9
20°	11155.4	11511.8	11753.1	11745.8	11753.1	11511.8	11155.4	10662.8	10096.5	9486.6	8865.6
17.5°	12384.9	12844.7	13155.8	13200.9	13155.8	12844.7	12384.9	11734.4	11057.0	10348.7	9599.6
15°	13703.1	14295.9	14698.4	14823.1	14698.4	14295.9	13703.1	12938.3	12074.9	11227.1	10336.1
12.5°	15053.9	15759.0	16295.6	16474.0	16295.6	15759.0	15053.9	14147.2	13086.6	12099.1	11070.0
10°	16340.9	17122.0	17704.4	17962.2	17704.4	17122.0	16340.9	15265.3	14122.5	12953.3	11725.3
7.5°	17416.9	18210.4	18810.3	19022.6	18810.3	18210.4	17416.9	16333.8	14973.5	13672.4	12343.5
5°	18125.8	18992.7	19459.2	19721.5	19459.2	18992.7	18125.8	16990.8	15645.6	14220.0	12794.9
2.5°	18599.3	19334.5	19806.9	20048.3	19806.9	19334.5	18599.3	17482.0	16155.6	14600.0	13094.7
0°	18850.9	19599.5	19945.9	20063.4	19945.9	19599.5	18850.9	17733.2	16371.6	14755.3	13286.7
-2.5°	18599.3	19334.5	19806.9	20048.3	19806.9	19334.5	18599.3	17482.0	16155.6	14600.0	13094.7
-5°	18125.8	18992.7	19459.2	19721.5	19459.2	18992.7	18125.8	16990.8	15645.6	14220.0	12794.9
-7.5°	17416.9	18210.4	18810.3	19022.6	18810.3	18210.4	17416.9	16333.8	14973.5	13672.4	12343.5
-10°	16340.9	17122.0	17704.4	17962.2	17704.4	17122.0	16340.9	15265.3	14122.5	12953.3	11725.3
-12.5°	15053.9	15759.0	16295.6	16474.0	16295.6	15759.0	15053.9	14147.2	13086.6	12099.1	11070.0
-15°	13703.1	14295.9	14698.4	14823.1	14698.4	14295.9	13703.1	12938.3	12074.9	11227.1	10336.1
-17.5°	12384.9	12844.7	13155.8	13200.9	13155.8	12844.7	12384.9	11734.4	11057.0	10348.7	9599.6
-20°	11155.4	11511.8	11753.1	11745.8	11753.1	11511.8	11155.4	10662.8	10096.5	9486.6	8865.6



REPORT NUMBER: P558909 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	10053.4	10341.1	10530.0	10608.6	10530.0	10341.1	10053.4	9665.7	9195.4	8689.1	8150.9
-25°	9040.4	9272.6	9410.5	9494.0	9410.5	9272.6	9040.4	8716.2	8327.5	7912.6	7450.4
-27.5°	8100.8	8287.1	8394.6	8478.7	8394.6	8287.1	8100.8	7830.7	7496.6	7142.1	6729.1
-30°	7220.1	7386.1	7489.1	7492.1	7489.1	7386.1	7220.1	6988.4	6705.8	6369.2	5994.6
-32.5°	6329.3	6481.0	6568.8	6549.2	6568.8	6481.0	6329.3	6119.5	5862.0	5531.1	5111.5
-35°	5375.7	5508.8	5587.7	5647.0	5587.7	5508.8	5375.7	5175.1	4897.2	4528.1	4068.1
-37.5°	4313.9	4475.5	4562.7	4573.0	4562.7	4475.5	4313.9	4070.9	3738.3	3339.8	2874.2
-40°	3004.9	3180.5	3283.8	3319.8	3283.8	3180.5	3004.9	2754.6	2426.3	2043.1	1706.3
-42.5°	1672.4	1778.0	1823.6	1797.0	1823.6	1778.0	1672.4	1519.6	1329.0	1100.6	923.3
-45°	856.0	880.0	902.1	926.4	902.1	880.0	856.0	820.8	782.2	731.7	671.6
-47.5°	649.6	659.9	673.5	691.4	673.5	659.9	649.6	635.7	622.0	608.1	590.7
-50°	571.6	581.8	595.9	613.0	595.9	581.8	571.6	559.3	548.6	543.6	539.0
-52.5°	504.1	510.8	522.0	536.2	522.0	510.8	504.1	494.9	485.3	482.8	477.4
-55°	451.3	459.4	467.3	474.5	467.3	459.4	451.3	442.0	432.3	430.2	424.9
-57.5°	409.2	416.2	422.0	426.3	422.0	416.2	409.2	401.4	393.0	387.4	380.3
-60°	363.6	367.8	373.7	379.6	373.7	367.8	363.6	358.4	352.1	345.7	338.7
-62.5°	314.9	320.0	323.6	325.4	323.6	320.0	314.9	308.6	301.2	294.8	289.5
-65°	241.3	241.2	242.1	242.5	242.1	241.2	241.3	240.2	237.7	235.7	233.3
-67.5°	197.3	198.9	201.2	203.3	201.2	198.9	197.3	195.2	192.7	190.5	188.5
-70°	158.8	159.1	153.6	146.1	153.6	159.1	158.8	158.6	159.3	160.1	158.9
-72.5°	101.9	89.4	83.7	78.3	83.7	89.4	101.9	114.0	125.9	134.2	133.5
-75°	75.4	62.3	61.7	61.8	61.7	62.3	75.4	88.1	100.5	110.1	109.8
-77.5°	56.9	45.5	45.1	45.2	45.1	45.5	56.9	67.8	77.9	85.8	85.3
-80°	38.6	33.1	33.8	34.6	33.8	33.1	38.6	43.9	48.9	53.5	55.4
-82.5°	26.1	22.5	22.6	22.6	22.6	22.5	26.1	29.4	32.5	35.2	34.3
-85°	10.0	9.0	9.0	9.0	9.0	9.0	10.0	11.0	12.0	12.9	12.3
-87.5°	1.9	1.5	1.5	1.5	1.5	1.5	1.9	2.2	2.6	2.9	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: P558909 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.8	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.1
85°	11.6	11.0	10.4	11.5	12.5	13.2	13.6	12.0	10.6	9.2	8.1
82.5°	33.2	31.9	30.6	30.7	30.8	30.8	30.4	26.7	23.2	19.9	17.3
80°	56.8	57.5	57.5	56.4	55.1	53.6	51.2	44.5	38.4	33.1	29.4
77.5°	84.8	84.3	83.6	81.7	79.7	77.8	74.0	64.1	54.5	45.8	41.1
75°	109.2	108.3	106.7	103.8	100.8	97.4	91.8	81.9	71.6	60.9	55.2
72.5°	132.5	131.2	128.8	125.3	121.5	117.5	111.9	103.3	92.8	80.0	73.7
70°	157.3	155.3	152.4	148.0	143.3	138.6	134.2	128.1	119.4	108.5	102.2
67.5°	185.8	182.4	179.2	174.6	170.2	164.4	160.5	155.3	148.7	139.5	132.5
65°	228.4	220.8	216.1	215.5	211.2	202.8	193.5	187.5	181.2	172.5	162.8
62.5°	285.1	281.8	273.2	263.8	256.6	250.6	239.3	226.8	216.0	206.1	194.6
60°	331.0	323.2	316.1	307.6	297.6	288.0	278.6	266.4	251.1	238.8	226.2
57.5°	371.0	363.5	358.6	350.5	338.9	329.0	318.8	306.5	291.5	273.6	257.8
55°	416.0	410.3	405.2	397.5	387.0	373.7	360.5	347.3	330.6	309.1	289.6
52.5°	469.6	462.6	455.0	446.8	434.5	418.0	402.4	386.7	367.3	344.1	320.4
50°	531.9	517.7	505.1	494.2	478.2	459.8	441.2	423.5	400.6	376.7	352.0
47.5°	578.8	566.5	552.4	536.7	518.6	498.9	478.1	455.9	431.9	406.9	381.0
45°	649.1	622.7	595.0	577.5	557.1	535.8	513.6	488.3	462.1	435.6	408.3
42.5°	831.7	732.8	668.7	631.8	597.8	573.8	547.0	519.7	491.7	463.3	434.5
40°	1363.7	979.3	850.8	725.7	659.6	616.6	581.9	549.9	520.3	490.2	459.8
37.5°	2339.5	1794.7	1351.1	950.2	800.8	674.9	622.5	581.2	547.5	516.1	484.1
35°	3565.1	2937.3	2210.0	1617.6	1073.4	838.2	676.4	618.3	575.3	541.3	507.6
32.5°	4629.9	4018.4	3315.8	2500.9	1752.3	1131.1	835.1	667.8	605.9	566.2	530.3
30°	5535.6	4970.6	4299.7	3488.0	2591.5	1747.8	1067.4	794.5	651.6	589.8	552.1
27.5°	6274.4	5767.5	5139.5	4401.2	3486.8	2495.1	1619.6	952.2	720.3	625.3	572.7
25°	6953.0	6418.4	5829.2	5140.2	4308.0	3307.7	2223.9	1367.5	855.3	663.3	591.9
22.5°	7597.4	7029.6	6424.3	5756.7	4986.4	4030.4	2949.6	1829.6	991.5	732.1	621.7
20°	8220.5	7594.7	6963.9	6270.2	5501.0	4667.4	3606.6	2383.3	1380.5	836.5	650.0
17.5°	8858.7	8142.4	7428.1	6722.1	5942.4	5105.5	4118.6	2940.1	1718.6	930.5	674.4
15°	9463.2	8663.1	7874.9	7098.6	6319.0	5470.9	4546.2	3436.1	2054.2	1120.7	744.0
12.5°	10075.2	9143.8	8288.3	7417.9	6635.6	5775.8	4849.2	3774.6	2447.9	1353.6	813.0
10°	10629.6	9584.9	8636.3	7715.2	6871.7	6019.1	5092.9	4046.7	2771.7	1545.1	869.8
7.5°	11104.7	9968.5	8925.9	7957.6	7061.3	6222.0	5302.0	4263.7	3015.6	1693.0	914.0
5°	11471.2	10248.8	9148.5	8156.3	7208.7	6360.4	5454.9	4421.8	3179.9	1796.9	945.8
2.5°	11691.6	10418.6	9279.0	8279.6	7300.3	6439.3	5535.9	4522.9	3284.6	1863.9	969.3
0°	11786.5	10470.0	9375.0	8362.8	7335.5	6472.4	5534.0	4561.0	3322.8	1888.9	980.6
-2.5°	11691.6	10418.6	9279.0	8279.6	7300.3	6439.3	5535.9	4522.9	3284.6	1863.9	969.3
-5°	11471.2	10248.8	9148.5	8156.3	7208.7	6360.4	5454.9	4421.8	3179.9	1796.9	945.8
-7.5°	11104.7	9968.5	8925.9	7957.6	7061.3	6222.0	5302.0	4263.7	3015.6	1693.0	914.0
-10°	10629.6	9584.9	8636.3	7715.2	6871.7	6019.1	5092.9	4046.7	2771.7	1545.1	869.8
-12.5°	10075.2	9143.8	8288.3	7417.9	6635.6	5775.8	4849.2	3774.6	2447.9	1353.6	813.0
-15°	9463.2	8663.1	7874.9	7098.6	6319.0	5470.9	4546.2	3436.1	2054.2	1120.7	744.0
-17.5°	8858.7	8142.4	7428.1	6722.1	5942.4	5105.5	4118.6	2940.1	1718.6	930.5	674.4
-20°	8220.5	7594.7	6963.9	6270.2	5501.0	4667.4	3606.6	2383.3	1380.5	836.5	650.0



REPORT NUMBER: P558909 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7597.4	7029.6	6424.3	5756.7	4986.4	4030.4	2949.6	1829.6	991.5	732.1	621.7
-25°	6953.0	6418.4	5829.2	5140.2	4308.0	3307.7	2223.9	1367.5	855.3	663.3	591.9
-27.5°	6274.4	5767.5	5139.5	4401.2	3486.8	2495.1	1619.6	952.2	720.3	625.3	572.7
-30°	5535.6	4970.6	4299.7	3488.0	2591.5	1747.8	1067.4	794.5	651.6	589.8	552.1
-32.5°	4629.9	4018.4	3315.8	2500.9	1752.3	1131.1	835.1	667.8	605.9	566.2	530.3
-35°	3565.1	2937.3	2210.0	1617.6	1073.4	838.2	676.4	618.3	575.3	541.3	507.6
-37.5°	2339.5	1794.7	1351.1	950.2	800.8	674.9	622.5	581.2	547.5	516.1	484.1
-40°	1363.7	979.3	850.8	725.7	659.6	616.6	581.9	549.9	520.3	490.2	459.8
-42.5°	831.7	732.8	668.7	631.8	597.8	573.8	547.0	519.7	491.7	463.3	434.5
-45°	649.1	622.7	595.0	577.5	557.1	535.8	513.6	488.3	462.1	435.6	408.3
-47.5°	578.8	566.5	552.4	536.7	518.6	498.9	478.1	455.9	431.9	406.9	381.0
-50°	531.9	517.7	505.1	494.2	478.2	459.8	441.2	423.5	400.6	376.7	352.0
-52.5°	469.6	462.6	455.0	446.8	434.5	418.0	402.4	386.7	367.3	344.1	320.4
-55°	416.0	410.3	405.2	397.5	387.0	373.7	360.5	347.3	330.6	309.1	289.6
-57.5°	371.0	363.5	358.6	350.5	338.9	329.0	318.8	306.5	291.5	273.6	257.8
-60°	331.0	323.2	316.1	307.6	297.6	288.0	278.6	266.4	251.1	238.8	226.2
-62.5°	285.1	281.8	273.2	263.8	256.6	250.6	239.3	226.8	216.0	206.1	194.6
-65°	228.4	220.8	216.1	215.5	211.2	202.8	193.5	187.5	181.2	172.5	162.8
-67.5°	185.8	182.4	179.2	174.6	170.2	164.4	160.5	155.3	148.7	139.5	132.5
-70°	157.3	155.3	152.4	148.0	143.3	138.6	134.2	128.1	119.4	108.5	102.2
-72.5°	132.5	131.2	128.8	125.3	121.5	117.5	111.9	103.3	92.8	80.0	73.7
-75°	109.2	108.3	106.7	103.8	100.8	97.4	91.8	81.9	71.6	60.9	55.2
-77.5°	84.8	84.3	83.6	81.7	79.7	77.8	74.0	64.1	54.5	45.8	41.1
-80°	56.8	57.5	57.5	56.4	55.1	53.6	51.2	44.5	38.4	33.1	29.4
-82.5°	33.2	31.9	30.6	30.7	30.8	30.8	30.4	26.7	23.2	19.9	17.3
-85°	11.6	11.0	10.4	11.5	12.5	13.2	13.6	12.0	10.6	9.2	8.1
-87.5°	2.8	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P558909 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.5	2.9	3.2	3.4	3.6	3.8	3.8	3.8	3.6	3.3	3.0
85°	8.6	8.8	8.9	8.7	8.1	7.5	7.6	7.6	7.2	6.7	6.1
82.5°	18.0	18.7	19.1	19.1	17.8	16.6	15.2	13.9	12.3	10.3	9.1
80°	31.1	32.1	32.4	31.5	28.5	25.6	23.6	21.6	20.0	17.8	14.9
77.5°	44.2	46.2	47.1	46.0	41.9	37.8	33.7	30.0	27.8	25.3	22.1
75°	57.9	60.9	62.7	61.6	56.5	49.9	44.7	40.4	37.3	33.1	29.2
72.5°	75.1	76.6	78.2	77.9	73.4	66.9	58.5	50.9	47.4	42.7	36.9
70°	98.2	93.9	92.8	92.2	89.5	84.4	75.9	66.0	57.7	52.4	45.8
67.5°	126.4	120.5	114.3	107.8	104.5	100.0	93.3	81.6	70.7	62.1	54.8
65°	154.2	146.3	138.9	129.4	121.6	115.6	108.7	96.2	83.1	72.3	63.8
62.5°	182.7	171.1	161.1	150.1	139.8	131.3	123.9	109.8	95.1	82.0	71.9
60°	212.5	198.5	183.3	170.1	157.6	146.4	136.5	123.2	107.3	91.2	79.3
57.5°	242.8	226.4	207.8	190.5	175.6	161.8	148.4	134.8	119.2	101.5	85.8
55°	272.6	254.6	232.2	211.6	193.6	177.8	160.9	145.6	130.5	112.0	90.6
52.5°	299.3	280.4	258.2	233.3	211.6	193.1	174.5	156.2	140.1	122.2	97.1
50°	326.5	303.1	281.9	257.1	229.6	208.2	187.6	167.9	149.4	131.7	103.2
47.5°	354.7	327.5	302.6	279.4	251.4	222.8	200.8	179.3	158.6	139.9	108.5
45°	380.7	352.6	324.0	298.2	271.6	239.8	213.7	190.3	168.4	144.0	113.1
42.5°	405.4	376.0	346.1	316.5	288.5	256.6	226.2	201.5	177.8	147.3	116.3
40°	429.0	398.0	366.9	336.0	305.5	271.8	239.9	212.4	186.2	150.1	118.4
37.5°	451.5	419.0	386.4	354.6	322.7	287.6	252.5	222.8	190.3	153.2	119.9
35°	473.3	438.9	405.8	372.5	339.0	303.6	263.7	232.8	196.4	155.7	120.8
32.5°	494.0	458.3	424.2	389.7	354.4	319.7	276.3	241.9	203.8	157.8	121.0
30°	514.2	477.3	441.5	406.1	369.1	333.2	290.6	250.8	212.4	159.4	121.0
27.5°	533.5	494.8	457.7	421.2	383.3	345.6	304.4	259.6	222.1	162.5	121.8
25°	551.2	511.2	472.6	435.0	396.6	357.5	317.3	268.2	230.2	169.1	122.1
22.5°	567.6	526.0	486.2	447.7	409.6	368.9	328.1	278.8	236.8	175.9	121.9
20°	582.5	539.2	498.9	461.0	421.5	379.9	337.4	288.4	243.1	182.8	121.3
17.5°	597.4	553.0	513.5	473.7	432.4	389.8	346.0	297.0	248.8	189.6	120.1
15°	620.9	567.9	526.8	485.5	442.5	398.7	353.9	304.6	254.1	196.2	119.8
12.5°	642.0	581.2	538.7	496.5	451.7	406.5	361.0	311.1	258.8	200.8	120.3
10°	659.9	592.9	549.2	506.5	460.0	413.2	367.2	316.6	262.6	202.6	120.0
7.5°	674.5	602.9	558.3	515.4	467.7	419.6	372.9	321.3	266.4	202.8	119.0
5°	687.0	613.8	569.7	525.1	476.7	425.9	377.8	324.8	269.8	201.4	117.5
2.5°	701.3	627.1	582.3	533.6	484.5	431.2	381.5	327.1	272.5	198.6	115.4
0°	712.5	638.7	593.5	540.7	491.0	435.3	384.1	328.4	274.1	194.3	113.0
-2.5°	701.3	627.1	582.3	533.6	484.5	431.2	381.5	327.1	272.5	198.6	115.4
-5°	687.0	613.8	569.7	525.1	476.7	425.9	377.8	324.8	269.8	201.4	117.5
-7.5°	674.5	602.9	558.3	515.4	467.7	419.6	372.9	321.3	266.4	202.8	119.0
-10°	659.9	592.9	549.2	506.5	460.0	413.2	367.2	316.6	262.6	202.6	120.0
-12.5°	642.0	581.2	538.7	496.5	451.7	406.5	361.0	311.1	258.8	200.8	120.3
-15°	620.9	567.9	526.8	485.5	442.5	398.7	353.9	304.6	254.1	196.2	119.8
-17.5°	597.4	553.0	513.5	473.7	432.4	389.8	346.0	297.0	248.8	189.6	120.1
-20°	582.5	539.2	498.9	461.0	421.5	379.9	337.4	288.4	243.1	182.8	121.3



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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°	567.6	526.0	486.2	447.7	409.6	368.9	328.1	278.8	236.8	175.9	121.9
-25°	551.2	511.2	472.6	435.0	396.6	357.5	317.3	268.2	230.2	169.1	122.1
-27.5°	533.5	494.8	457.7	421.2	383.3	345.6	304.4	259.6	222.1	162.5	121.8
-30°	514.2	477.3	441.5	406.1	369.1	333.2	290.6	250.8	212.4	159.4	121.0
-32.5°	494.0	458.3	424.2	389.7	354.4	319.7	276.3	241.9	203.8	157.8	121.0
-35°	473.3	438.9	405.8	372.5	339.0	303.6	263.7	232.8	196.4	155.7	120.8
-37.5°	451.5	419.0	386.4	354.6	322.7	287.6	252.5	222.8	190.3	153.2	119.9
-40°	429.0	398.0	366.9	336.0	305.5	271.8	239.9	212.4	186.2	150.1	118.4
-42.5°	405.4	376.0	346.1	316.5	288.5	256.6	226.2	201.5	177.8	147.3	116.3
-45°	380.7	352.6	324.0	298.2	271.6	239.8	213.7	190.3	168.4	144.0	113.1
-47.5°	354.7	327.5	302.6	279.4	251.4	222.8	200.8	179.3	158.6	139.9	108.5
-50°	326.5	303.1	281.9	257.1	229.6	208.2	187.6	167.9	149.4	131.7	103.2
-52.5°	299.3	280.4	258.2	233.3	211.6	193.1	174.5	156.2	140.1	122.2	97.1
-55°	272.6	254.6	232.2	211.6	193.6	177.8	160.9	145.6	130.5	112.0	90.6
-57.5°	242.8	226.4	207.8	190.5	175.6	161.8	148.4	134.8	119.2	101.5	85.8
-60°	212.5	198.5	183.3	170.1	157.6	146.4	136.5	123.2	107.3	91.2	79.3
-62.5°	182.7	171.1	161.1	150.1	139.8	131.3	123.9	109.8	95.1	82.0	71.9
-65°	154.2	146.3	138.9	129.4	121.6	115.6	108.7	96.2	83.1	72.3	63.8
-67.5°	126.4	120.5	114.3	107.8	104.5	100.0	93.3	81.6	70.7	62.1	54.8
-70°	98.2	93.9	92.8	92.2	89.5	84.4	75.9	66.0	57.7	52.4	45.8
-72.5°	75.1	76.6	78.2	77.9	73.4	66.9	58.5	50.9	47.4	42.7	36.9
-75°	57.9	60.9	62.7	61.6	56.5	49.9	44.7	40.4	37.3	33.1	29.2
-77.5°	44.2	46.2	47.1	46.0	41.9	37.8	33.7	30.0	27.8	25.3	22.1
-80°	31.1	32.1	32.4	31.5	28.5	25.6	23.6	21.6	20.0	17.8	14.9
-82.5°	18.0	18.7	19.1	19.1	17.8	16.6	15.2	13.9	12.3	10.3	9.1
-85°	8.6	8.8	8.9	8.7	8.1	7.5	7.6	7.6	7.2	6.7	6.1
-87.5°	2.5	2.9	3.2	3.4	3.6	3.8	3.8	3.8	3.6	3.3	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



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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	2.1	1.6	1.1	0.7	0.3	0.0
85°	5.4	4.2	3.1	2.1	1.3	0.7	0.0
82.5°	8.1	6.3	4.7	3.2	2.0	1.0	0.0
80°	11.2	8.4	6.2	4.3	2.6	1.3	0.0
77.5°	17.6	11.4	7.7	5.3	3.2	1.6	0.0
75°	23.9	16.3	9.6	6.3	3.9	1.9	0.0
72.5°	30.1	21.1	13.1	7.3	4.5	2.3	0.0
70°	36.2	25.8	16.6	8.6	5.1	2.6	0.0
67.5°	43.4	30.3	20.0	10.9	5.7	2.9	0.0
65°	50.2	35.1	23.2	13.2	6.3	3.2	0.0
62.5°	56.8	40.2	26.3	15.4	6.9	3.5	0.0
60°	63.0	45.0	29.3	17.5	7.5	3.7	0.0
57.5°	67.2	49.6	32.8	19.5	8.8	4.0	0.0
55°	70.8	53.9	36.0	21.5	10.1	4.3	0.0
52.5°	73.8	57.6	39.1	23.3	11.4	4.6	0.0
50°	76.4	59.5	41.9	25.0	12.6	4.8	0.0
47.5°	78.7	61.0	44.6	26.7	13.7	5.1	0.0
45°	82.5	62.1	47.0	28.5	14.8	5.3	0.0
42.5°	85.7	62.8	49.2	30.1	15.8	5.5	0.0
40°	88.4	63.2	50.3	31.8	16.8	5.7	0.0
37.5°	90.4	63.1	50.5	33.6	17.8	5.9	0.0
35°	91.8	63.9	50.4	35.4	18.6	6.1	0.0
32.5°	92.6	64.9	50.1	37.1	19.4	6.3	0.0
30°	92.5	65.5	49.6	38.7	20.2	6.5	0.0
27.5°	92.0	65.7	50.1	40.3	20.9	6.7	0.0
25°	91.0	65.5	50.7	41.8	21.5	6.8	0.0
22.5°	89.5	65.7	51.2	43.2	22.1	6.9	0.0
20°	87.6	67.3	51.6	44.5	22.5	7.0	0.0
17.5°	87.8	68.8	51.9	45.8	23.0	7.2	0.0
15°	89.1	70.2	52.2	46.9	23.3	7.2	0.0
12.5°	90.1	71.3	52.4	47.9	23.6	7.3	0.0
10°	90.9	72.2	52.5	48.9	23.8	7.4	0.0
7.5°	91.5	72.9	52.6	49.6	24.0	7.4	0.0
5°	91.9	73.4	52.7	50.3	24.1	7.5	0.0
2.5°	92.0	73.7	52.7	50.8	24.1	7.5	0.0
0°	91.9	73.8	52.7	51.2	24.1	7.5	0.0
-2.5°	92.0	73.7	52.7	50.8	24.1	7.5	0.0
-5°	91.9	73.4	52.7	50.3	24.1	7.5	0.0
-7.5°	91.5	72.9	52.6	49.6	24.0	7.4	0.0
-10°	90.9	72.2	52.5	48.9	23.8	7.4	0.0
-12.5°	90.1	71.3	52.4	47.9	23.6	7.3	0.0
-15°	89.1	70.2	52.2	46.9	23.3	7.2	0.0
-17.5°	87.8	68.8	51.9	45.8	23.0	7.2	0.0
-20°	87.6	67.3	51.6	44.5	22.5	7.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	89.5	65.7	51.2	43.2	22.1	6.9	0.0
-25°	91.0	65.5	50.7	41.8	21.5	6.8	0.0
-27.5°	92.0	65.7	50.1	40.3	20.9	6.7	0.0
-30°	92.5	65.5	49.6	38.7	20.2	6.5	0.0
-32.5°	92.6	64.9	50.1	37.1	19.4	6.3	0.0
-35°	91.8	63.9	50.4	35.4	18.6	6.1	0.0
-37.5°	90.4	63.1	50.5	33.6	17.8	5.9	0.0
-40°	88.4	63.2	50.3	31.8	16.8	5.7	0.0
-42.5°	85.7	62.8	49.2	30.1	15.8	5.5	0.0
-45°	82.5	62.1	47.0	28.5	14.8	5.3	0.0
-47.5°	78.7	61.0	44.6	26.7	13.7	5.1	0.0
-50°	76.4	59.5	41.9	25.0	12.6	4.8	0.0
-52.5°	73.8	57.6	39.1	23.3	11.4	4.6	0.0
-55°	70.8	53.9	36.0	21.5	10.1	4.3	0.0
-57.5°	67.2	49.6	32.8	19.5	8.8	4.0	0.0
-60°	63.0	45.0	29.3	17.5	7.5	3.7	0.0
-62.5°	56.8	40.2	26.3	15.4	6.9	3.5	0.0
-65°	50.2	35.1	23.2	13.2	6.3	3.2	0.0
-67.5°	43.4	30.3	20.0	10.9	5.7	2.9	0.0
-70°	36.2	25.8	16.6	8.6	5.1	2.6	0.0
-72.5°	30.1	21.1	13.1	7.3	4.5	2.3	0.0
-75°	23.9	16.3	9.6	6.3	3.9	1.9	0.0
-77.5°	17.6	11.4	7.7	5.3	3.2	1.6	0.0
-80°	11.2	8.4	6.2	4.3	2.6	1.3	0.0
-82.5°	8.1	6.3	4.7	3.2	2.0	1.0	0.0
-85°	5.4	4.2	3.1	2.1	1.3	0.7	0.0
-87.5°	2.7	2.1	1.6	1.1	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)