

Classified  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269



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: P626989 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-740-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626989 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA2D-740-U-NR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N51  
Light Source: (32) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

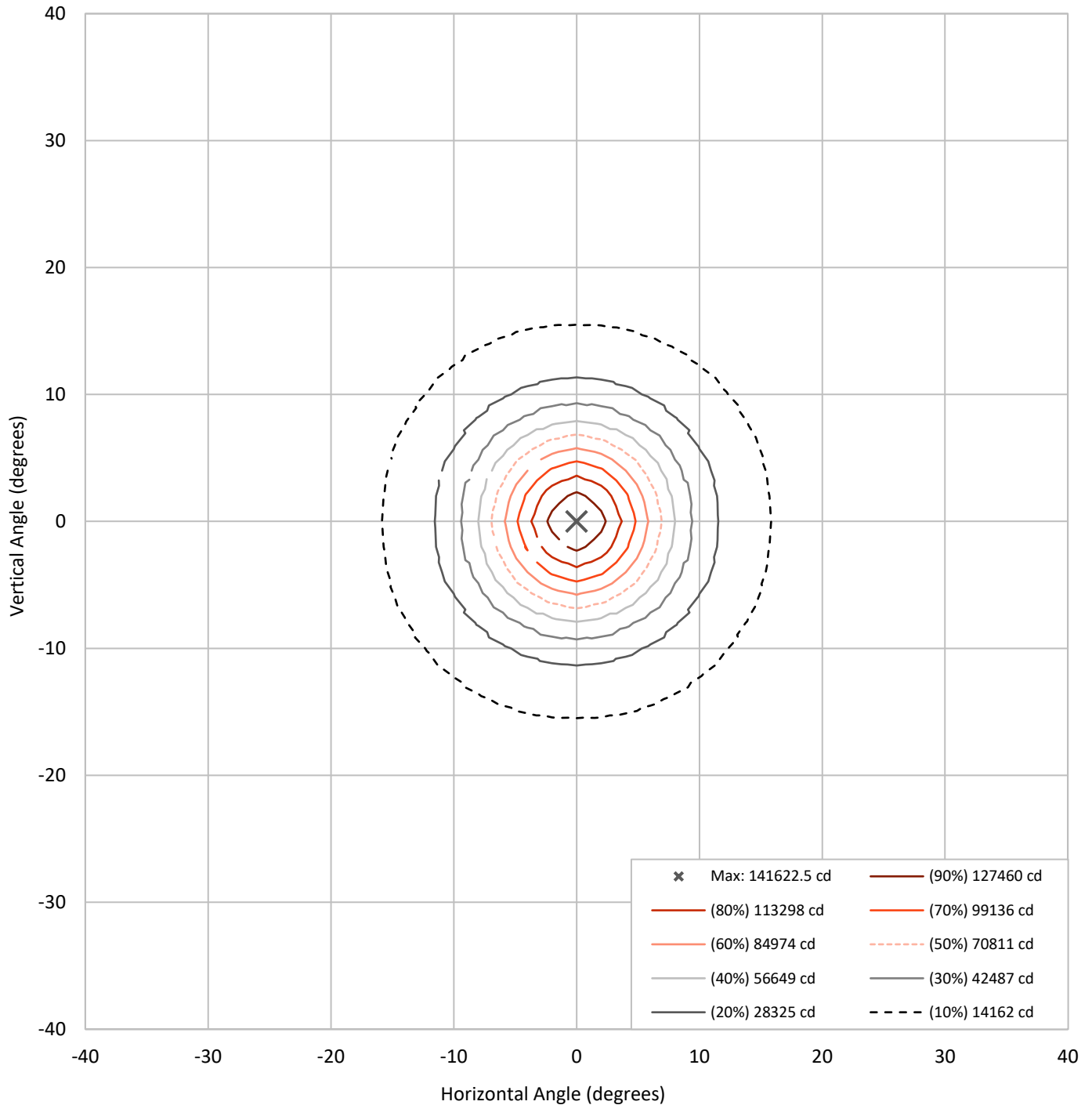
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	15038.2 lumens	Max Intensity:	141622.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	138.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	4446.1 lumens	Field Lumens:	10005.6 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	108.7		
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





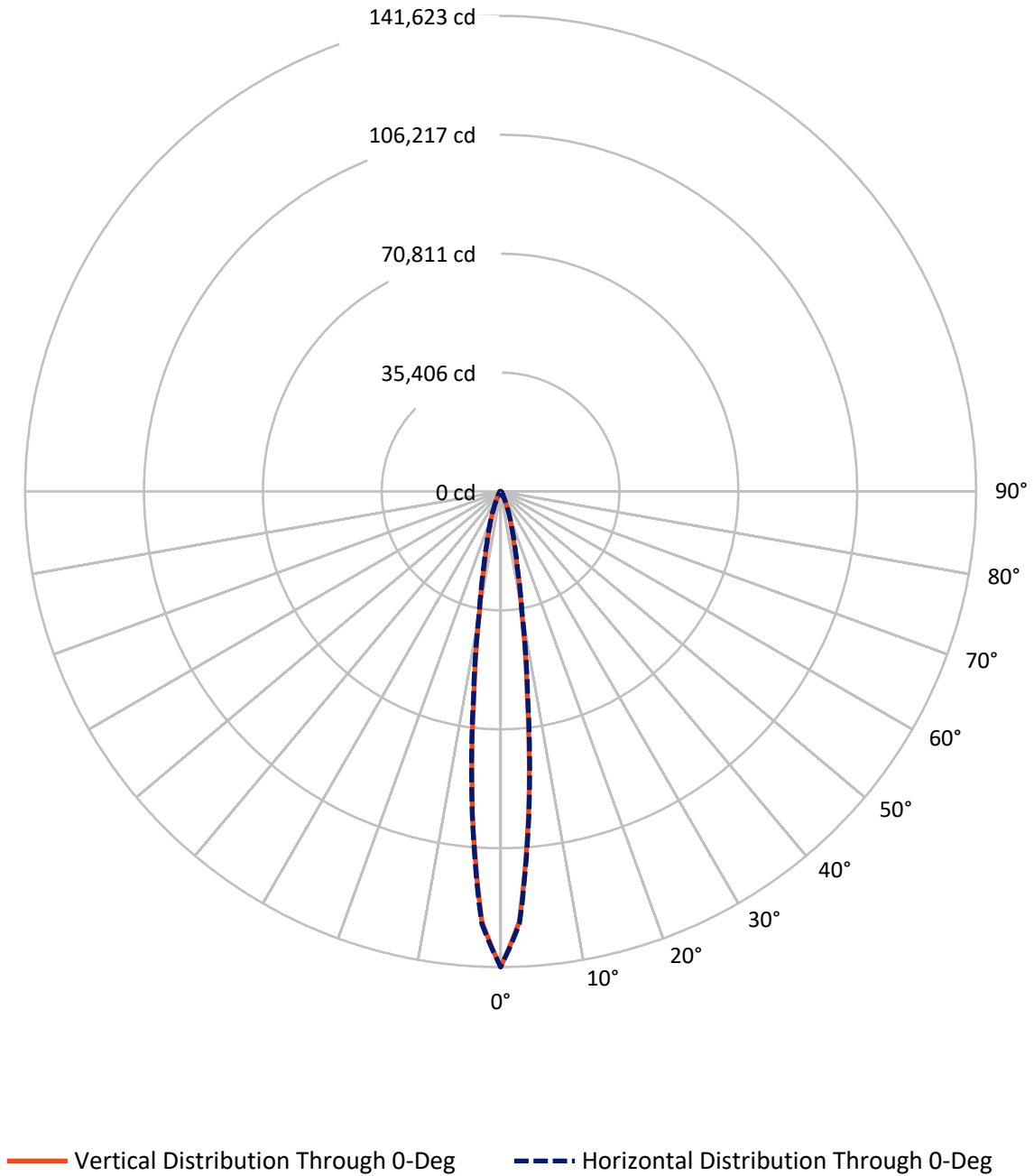
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### Lumen Table

90	0.3	2.1		5.4		8.8		9.6		8.8		5.4		2.1		0.3
80	0.3	2.1		5.4		8.8		9.6		8.8		5.4		2.1		0.3
70	0.9	1.0	2.2	3.6	5.0	6.2	6.9	7.3	7.3	6.9	6.2	5.0	3.6	2.2	1.0	0.9
60		1.6	3.3	5.3	7.1	8.7	9.7	10.1	10.1	9.7	8.7	7.1	5.3	3.3	1.6	
50	1.6	2.1	4.2	6.5	8.7	10.9	12.9	13.9	13.9	12.9	10.9	8.7	6.5	4.2	2.1	1.6
40		2.5	5.0	7.5	10.7	15.4	21.7	26.8	26.8	21.7	15.4	10.7	7.5	5.0	2.5	
30	2.1	2.8	5.4	8.5	13.8	27.5	62.6	103.6	103.6	62.6	27.5	13.8	8.5	5.4	2.8	2.1
20		3.0	5.7	9.4	18.4	58.3	207.2	446.2	446.2	207.2	58.3	18.4	9.4	5.7	3.0	
10	2.3	3.2	5.8	9.9	22.2	96.2	450.4	1945.5	1945.5	450.4	96.2	22.2	9.9	5.8	3.2	2.3
0		3.2	5.8	9.9	22.2	96.2	450.4	1945.5	1945.5	450.4	96.2	22.2	9.9	5.8	3.2	
-10	2.1	3.0	5.7	9.4	18.4	58.3	207.2	446.2	446.2	207.2	58.3	18.4	9.4	5.7	3.0	2.1
-20		2.8	5.4	8.5	13.8	27.5	62.6	103.6	103.6	62.6	27.5	13.8	8.5	5.4	2.8	
-30	1.6	2.5	5.0	7.5	10.7	15.4	21.7	26.8	26.8	21.7	15.4	10.7	7.5	5.0	2.5	1.6
-40		2.1	4.2	6.5	8.7	10.9	12.9	13.9	13.9	12.9	10.9	8.7	6.5	4.2	2.1	
-50	0.9	1.6	3.3	5.3	7.1	8.7	9.7	10.1	10.1	9.7	8.7	7.1	5.3	3.3	1.6	0.9
-60		1.0	2.2	3.6	5.0	6.2	6.9	7.3	7.3	6.9	6.2	5.0	3.6	2.2	1.0	
-70	0.3	2.1		5.4		8.8		9.6		8.8		5.4		2.1		0.3
-80		2.1		5.4		8.8		9.6		8.8		5.4		2.1		
-90	0.3	2.1		5.4		8.8		9.6		8.8		5.4		2.1		0.3

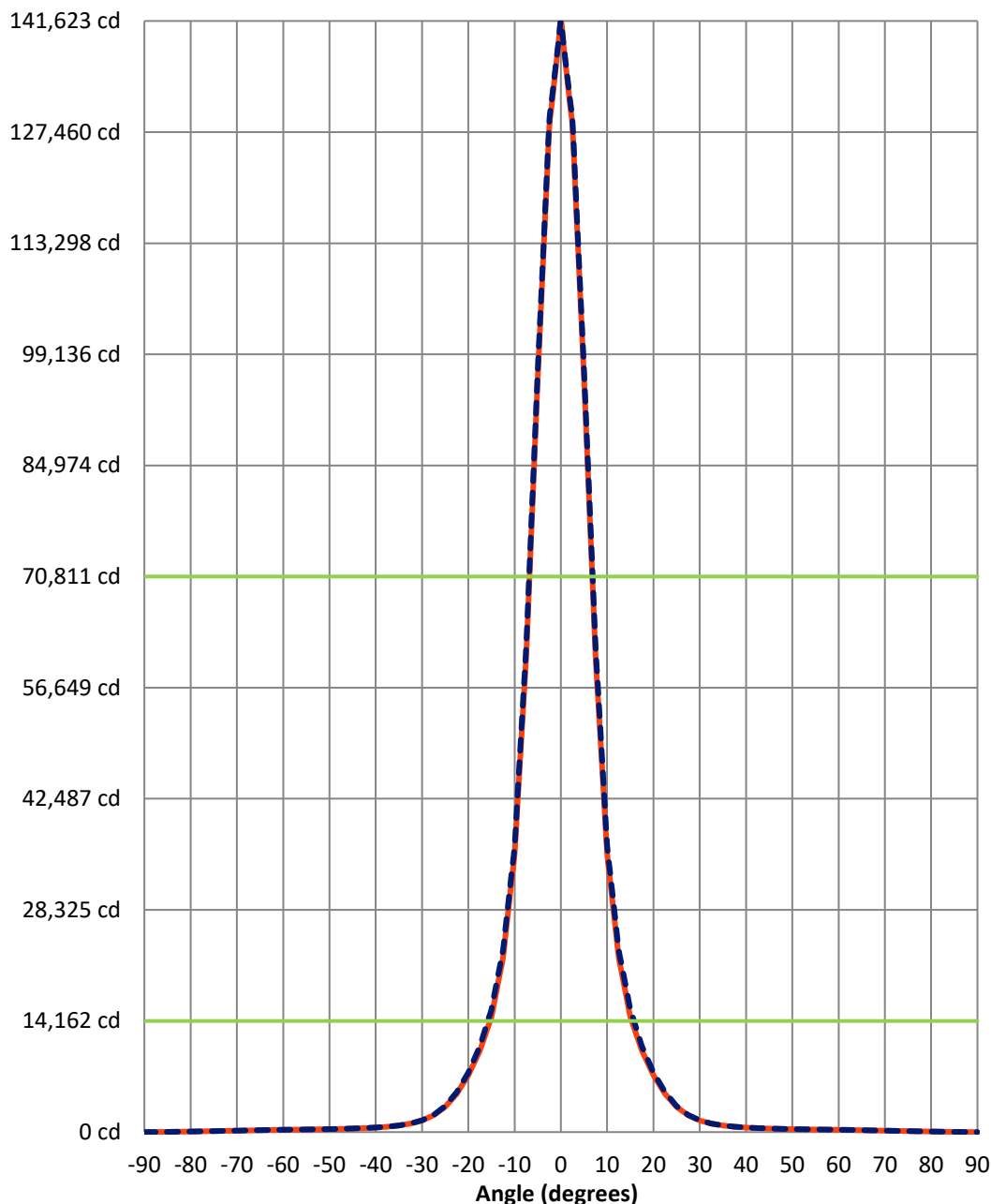
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.7°  
 V Angle: 13.6°  
 Lumens: 4446.1  
 Efficiency: 29.6%

**Field:**  
 H Angle: 31.6°  
 V Angle: 30.6°  
 Lumens: 10005.6  
 Efficiency: 66.5%

**Spill:**  
 Lumens: 5032.6  
 Efficiency: 33.5%

— 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	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
85°	0.0	0.9	2.1	3.2	4.2	5.2	6.3	7.3	8.3	9.3	10.2
82.5°	0.0	1.4	3.1	4.7	6.3	7.8	9.4	10.9	12.5	14.7	16.9
80°	0.0	1.8	4.2	6.3	8.4	10.4	12.7	15.7	18.7	21.6	24.5
77.5°	0.0	2.3	5.2	7.8	10.4	13.4	17.2	21.1	24.8	28.5	32.4
75°	0.0	2.7	6.2	9.4	12.6	17.0	21.8	26.4	31.0	36.1	41.2
72.5°	0.0	3.2	7.2	10.9	15.4	20.6	26.2	31.9	38.0	44.0	49.9
70°	0.0	3.6	8.1	12.5	18.1	24.1	30.7	38.0	44.9	51.8	59.5
67.5°	0.0	4.0	9.1	14.4	20.7	27.6	35.8	44.0	51.8	60.6	69.2
65°	0.0	4.4	10.0	16.3	23.3	31.3	40.8	49.9	59.5	69.2	79.3
62.5°	0.0	4.8	10.9	18.1	25.8	35.4	45.7	56.3	67.0	78.0	90.7
60°	0.0	5.2	11.7	19.9	28.3	39.4	50.5	62.8	74.4	87.7	101.8
57.5°	0.0	5.6	12.8	21.6	31.3	43.2	55.7	69.0	82.5	97.2	112.4
55°	0.0	5.9	13.9	23.3	34.3	47.0	60.9	75.1	90.5	106.4	122.7
52.5°	0.0	6.3	14.9	24.8	37.3	50.7	65.9	81.6	98.2	115.1	132.6
50°	0.0	6.6	15.9	26.4	40.1	54.8	70.7	88.0	105.6	123.5	142.1
47.5°	0.0	6.9	16.9	28.0	42.8	58.7	75.5	94.1	112.6	131.5	151.4
45°	0.0	7.2	17.9	29.9	45.4	62.4	80.5	100.0	119.4	139.7	160.5
42.5°	0.0	7.5	18.8	31.8	47.8	65.9	85.4	105.7	125.8	147.6	169.3
40°	0.0	7.7	19.7	33.6	50.4	69.3	90.0	111.0	132.2	155.3	177.9
37.5°	0.0	7.9	20.5	35.3	52.9	72.5	94.3	116.1	138.5	162.4	186.3
35°	0.0	8.2	21.3	36.9	55.3	75.8	98.4	120.9	144.4	169.2	194.3
32.5°	0.0	8.4	22.1	38.5	57.6	79.0	102.3	125.5	149.8	175.5	201.2
30°	0.0	8.5	22.8	39.9	59.7	82.0	105.9	129.7	154.8	181.3	207.5
27.5°	0.0	8.7	23.5	41.3	61.7	84.7	109.2	133.7	159.4	186.7	213.2
25°	0.0	8.8	24.1	42.5	63.6	87.2	112.2	137.4	163.8	191.5	218.2
22.5°	0.0	8.9	24.7	43.6	65.3	89.5	114.9	140.6	167.7	195.6	222.6
20°	0.0	9.0	25.2	44.6	66.9	91.5	117.4	143.4	171.1	199.1	226.6
17.5°	0.0	9.1	25.7	45.5	68.3	93.1	119.4	145.8	174.2	202.1	230.0
15°	0.0	9.2	26.1	46.3	69.5	94.5	121.1	147.9	176.7	204.5	233.1
12.5°	0.0	9.2	26.5	47.0	70.5	95.6	122.4	149.9	178.9	206.4	235.6
10°	0.0	9.2	26.8	47.5	71.3	96.4	123.5	151.6	180.5	208.4	238.0
7.5°	0.0	9.2	27.0	48.0	72.0	97.0	124.2	152.9	181.7	210.1	240.8
5°	0.0	9.2	27.2	48.3	72.4	97.3	124.6	153.9	182.3	211.4	243.1
2.5°	0.0	9.2	27.3	48.4	72.7	97.3	124.6	154.5	182.4	212.1	244.7
0°	0.0	9.1	27.3	48.5	72.8	97.1	124.4	154.7	182.1	212.4	245.8
-2.5°	0.0	9.2	27.3	48.4	72.7	97.3	124.6	154.5	182.4	212.1	244.7
-5°	0.0	9.2	27.2	48.3	72.4	97.3	124.6	153.9	182.3	211.4	243.1
-7.5°	0.0	9.2	27.0	48.0	72.0	97.0	124.2	152.9	181.7	210.1	240.8
-10°	0.0	9.2	26.8	47.5	71.3	96.4	123.5	151.6	180.5	208.4	238.0
-12.5°	0.0	9.2	26.5	47.0	70.5	95.6	122.4	149.9	178.9	206.4	235.6
-15°	0.0	9.2	26.1	46.3	69.5	94.5	121.1	147.9	176.7	204.5	233.1
-17.5°	0.0	9.1	25.7	45.5	68.3	93.1	119.4	145.8	174.2	202.1	230.0
-20°	0.0	9.0	25.2	44.6	66.9	91.5	117.4	143.4	171.1	199.1	226.6

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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	8.9	24.7	43.6	65.3	89.5	114.9	140.6	167.7	195.6	222.6
-25°	0.0	8.8	24.1	42.5	63.6	87.2	112.2	137.4	163.8	191.5	218.2
-27.5°	0.0	8.7	23.5	41.3	61.7	84.7	109.2	133.7	159.4	186.7	213.2
-30°	0.0	8.5	22.8	39.9	59.7	82.0	105.9	129.7	154.8	181.3	207.5
-32.5°	0.0	8.4	22.1	38.5	57.6	79.0	102.3	125.5	149.8	175.5	201.2
-35°	0.0	8.2	21.3	36.9	55.3	75.8	98.4	120.9	144.4	169.2	194.3
-37.5°	0.0	7.9	20.5	35.3	52.9	72.5	94.3	116.1	138.5	162.4	186.3
-40°	0.0	7.7	19.7	33.6	50.4	69.3	90.0	111.0	132.2	155.3	177.9
-42.5°	0.0	7.5	18.8	31.8	47.8	65.9	85.4	105.7	125.8	147.6	169.3
-45°	0.0	7.2	17.9	29.9	45.4	62.4	80.5	100.0	119.4	139.7	160.5
-47.5°	0.0	6.9	16.9	28.0	42.8	58.7	75.5	94.1	112.6	131.5	151.4
-50°	0.0	6.6	15.9	26.4	40.1	54.8	70.7	88.0	105.6	123.5	142.1
-52.5°	0.0	6.3	14.9	24.8	37.3	50.7	65.9	81.6	98.2	115.1	132.6
-55°	0.0	5.9	13.9	23.3	34.3	47.0	60.9	75.1	90.5	106.4	122.7
-57.5°	0.0	5.6	12.8	21.6	31.3	43.2	55.7	69.0	82.5	97.2	112.4
-60°	0.0	5.2	11.7	19.9	28.3	39.4	50.5	62.8	74.4	87.7	101.8
-62.5°	0.0	4.8	10.9	18.1	25.8	35.4	45.7	56.3	67.0	78.0	90.7
-65°	0.0	4.4	10.0	16.3	23.3	31.3	40.8	49.9	59.5	69.2	79.3
-67.5°	0.0	4.0	9.1	14.4	20.7	27.6	35.8	44.0	51.8	60.6	69.2
-70°	0.0	3.6	8.1	12.5	18.1	24.1	30.7	38.0	44.9	51.8	59.5
-72.5°	0.0	3.2	7.2	10.9	15.4	20.6	26.2	31.9	38.0	44.0	49.9
-75°	0.0	2.7	6.2	9.4	12.6	17.0	21.8	26.4	31.0	36.1	41.2
-77.5°	0.0	2.3	5.2	7.8	10.4	13.4	17.2	21.1	24.8	28.5	32.4
-80°	0.0	1.8	4.2	6.3	8.4	10.4	12.7	15.7	18.7	21.6	24.5
-82.5°	0.0	1.4	3.1	4.7	6.3	7.8	9.4	10.9	12.5	14.7	16.9
-85°	0.0	0.9	2.1	3.2	4.2	5.2	6.3	7.3	8.3	9.3	10.2
-87.5°	0.0	0.5	1.1	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.6	6.0	6.5	6.9	7.4	7.8	8.2	8.6	8.9	9.3	9.6
85°	11.2	12.1	13.4	14.8	15.9	16.9	17.7	18.4	19.6	21.0	22.3
82.5°	19.1	21.1	23.2	25.2	26.5	27.6	28.7	30.2	32.9	35.5	37.8
80°	27.4	30.2	33.3	36.4	39.0	41.7	44.5	47.3	50.2	53.0	55.7
77.5°	36.6	40.6	44.6	48.5	52.3	56.4	60.4	64.3	68.0	71.5	74.8
75°	46.2	51.1	56.4	61.7	66.8	71.8	76.7	81.9	86.8	91.6	96.1
72.5°	56.3	62.8	69.1	75.2	81.9	88.4	94.7	100.8	106.7	112.8	119.3
70°	67.0	74.4	82.6	90.5	97.9	105.7	113.5	120.2	126.6	135.0	143.8
67.5°	78.0	88.0	97.3	106.2	116.1	125.2	133.1	141.7	150.8	160.6	169.2
65°	91.0	101.9	112.6	123.9	135.3	144.8	154.8	165.3	175.6	185.5	194.8
62.5°	103.8	116.1	128.5	140.7	152.5	164.0	175.9	187.7	199.0	210.4	220.5
60°	116.2	130.1	143.2	156.0	169.4	183.6	196.9	209.9	223.4	236.3	243.1
57.5°	128.1	143.0	156.7	171.1	186.7	202.8	216.7	231.5	243.1	252.0	260.8
55°	139.4	154.8	169.9	186.0	203.0	219.7	235.2	248.3	259.0	267.3	276.5
52.5°	149.9	166.2	182.5	200.2	218.2	236.0	252.2	264.5	274.2	282.6	291.3
50°	160.2	177.3	194.6	213.9	233.3	252.2	268.1	279.3	288.5	297.1	306.0
47.5°	170.4	188.3	206.9	227.5	248.4	266.7	281.8	292.1	301.3	311.4	321.2
45°	180.3	199.7	219.4	241.6	262.6	280.2	293.0	303.3	314.7	325.6	336.1
42.5°	190.1	211.0	232.3	255.3	275.6	291.5	303.4	315.6	327.9	339.5	351.4
40°	199.9	221.8	244.4	267.2	287.7	301.4	314.1	327.2	340.7	353.3	366.4
37.5°	209.3	231.9	255.3	278.3	296.9	310.8	324.0	338.5	352.7	366.5	383.6
35°	218.2	241.2	264.7	287.0	305.0	319.3	334.0	349.3	364.2	382.1	401.6
32.5°	226.1	249.5	273.3	294.2	311.7	327.2	343.7	359.6	377.5	397.8	421.1
30°	232.9	256.8	280.7	301.0	318.2	334.5	352.4	370.0	391.0	415.3	443.1
27.5°	238.8	263.3	286.6	306.9	324.3	340.6	359.4	381.6	405.7	433.0	465.6
25°	244.3	269.9	292.1	312.3	329.2	346.3	366.4	391.0	419.9	452.8	492.8
22.5°	249.5	276.2	297.7	317.4	333.1	351.5	374.2	400.9	432.4	470.9	519.6
20°	254.5	281.0	302.2	321.4	336.0	356.0	381.1	409.6	445.3	491.3	547.6
17.5°	259.1	285.0	305.7	323.8	339.7	360.9	387.2	416.6	456.6	509.8	573.3
15°	263.2	288.4	308.6	325.7	343.1	366.0	393.5	425.4	469.1	527.4	596.1
12.5°	266.9	291.2	310.7	327.2	345.9	370.2	399.1	434.5	482.4	544.8	625.0
10°	270.1	293.3	312.3	328.2	347.9	373.4	403.7	441.9	493.1	558.2	647.2
7.5°	272.8	295.0	313.3	328.8	349.2	375.6	407.4	447.6	500.6	567.7	663.2
5°	274.7	296.3	314.6	330.7	351.3	377.3	410.0	451.4	505.0	573.4	673.2
2.5°	275.7	297.1	315.3	332.5	353.5	378.8	412.0	455.7	508.5	578.9	680.8
0°	276.1	297.4	315.6	333.8	355.0	379.3	412.7	458.2	509.8	582.6	685.7
-2.5°	275.7	297.1	315.3	332.5	353.5	378.8	412.0	455.7	508.5	578.9	680.8
-5°	274.7	296.3	314.6	330.7	351.3	377.3	410.0	451.4	505.0	573.4	673.2
-7.5°	272.8	295.0	313.3	328.8	349.2	375.6	407.4	447.6	500.6	567.7	663.2
-10°	270.1	293.3	312.3	328.2	347.9	373.4	403.7	441.9	493.1	558.2	647.2
-12.5°	266.9	291.2	310.7	327.2	345.9	370.2	399.1	434.5	482.4	544.8	625.0
-15°	263.2	288.4	308.6	325.7	343.1	366.0	393.5	425.4	469.1	527.4	596.1
-17.5°	259.1	285.0	305.7	323.8	339.7	360.9	387.2	416.6	456.6	509.8	573.3
-20°	254.5	281.0	302.2	321.4	336.0	356.0	381.1	409.6	445.3	491.3	547.6

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626989 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	249.5	276.2	297.7	317.4	333.1	351.5	374.2	400.9	432.4	470.9	519.6
-25°	244.3	269.9	292.1	312.3	329.2	346.3	366.4	391.0	419.9	452.8	492.8
-27.5°	238.8	263.3	286.6	306.9	324.3	340.6	359.4	381.6	405.7	433.0	465.6
-30°	232.9	256.8	280.7	301.0	318.2	334.5	352.4	370.0	391.0	415.3	443.1
-32.5°	226.1	249.5	273.3	294.2	311.7	327.2	343.7	359.6	377.5	397.8	421.1
-35°	218.2	241.2	264.7	287.0	305.0	319.3	334.0	349.3	364.2	382.1	401.6
-37.5°	209.3	231.9	255.3	278.3	296.9	310.8	324.0	338.5	352.7	366.5	383.6
-40°	199.9	221.8	244.4	267.2	287.7	301.4	314.1	327.2	340.7	353.3	366.4
-42.5°	190.1	211.0	232.3	255.3	275.6	291.5	303.4	315.6	327.9	339.5	351.4
-45°	180.3	199.7	219.4	241.6	262.6	280.2	293.0	303.3	314.7	325.6	336.1
-47.5°	170.4	188.3	206.9	227.5	248.4	266.7	281.8	292.1	301.3	311.4	321.2
-50°	160.2	177.3	194.6	213.9	233.3	252.2	268.1	279.3	288.5	297.1	306.0
-52.5°	149.9	166.2	182.5	200.2	218.2	236.0	252.2	264.5	274.2	282.6	291.3
-55°	139.4	154.8	169.9	186.0	203.0	219.7	235.2	248.3	259.0	267.3	276.5
-57.5°	128.1	143.0	156.7	171.1	186.7	202.8	216.7	231.5	243.1	252.0	260.8
-60°	116.2	130.1	143.2	156.0	169.4	183.6	196.9	209.9	223.4	236.3	243.1
-62.5°	103.8	116.1	128.5	140.7	152.5	164.0	175.9	187.7	199.0	210.4	220.5
-65°	91.0	101.9	112.6	123.9	135.3	144.8	154.8	165.3	175.6	185.5	194.8
-67.5°	78.0	88.0	97.3	106.2	116.1	125.2	133.1	141.7	150.8	160.6	169.2
-70°	67.0	74.4	82.6	90.5	97.9	105.7	113.5	120.2	126.6	135.0	143.8
-72.5°	56.3	62.8	69.1	75.2	81.9	88.4	94.7	100.8	106.7	112.8	119.3
-75°	46.2	51.1	56.4	61.7	66.8	71.8	76.7	81.9	86.8	91.6	96.1
-77.5°	36.6	40.6	44.6	48.5	52.3	56.4	60.4	64.3	68.0	71.5	74.8
-80°	27.4	30.2	33.3	36.4	39.0	41.7	44.5	47.3	50.2	53.0	55.7
-82.5°	19.1	21.1	23.2	25.2	26.5	27.6	28.7	30.2	32.9	35.5	37.8
-85°	11.2	12.1	13.4	14.8	15.9	16.9	17.7	18.4	19.6	21.0	22.3
-87.5°	5.6	6.0	6.5	6.9	7.4	7.8	8.2	8.6	8.9	9.3	9.6
-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: P626989 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-740-U-NR-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°	9.9	10.2	10.5	10.7	11.0	11.2	11.4	11.5	11.7	11.1	10.4
85°	23.7	24.6	25.4	26.2	26.9	27.5	28.1	28.6	29.1	28.7	28.3
82.5°	40.0	41.5	43.0	44.3	45.6	46.7	47.7	48.6	49.4	49.3	49.1
80°	58.2	60.8	63.4	66.0	68.5	70.1	71.2	72.0	72.6	72.9	72.9
77.5°	78.2	82.2	86.4	90.5	94.6	96.9	98.6	100.0	101.1	101.3	101.1
75°	100.4	105.6	111.3	116.3	120.6	123.2	125.1	126.7	127.9	128.3	128.1
72.5°	126.1	132.5	137.6	141.9	145.5	148.4	150.7	152.7	154.3	155.0	155.0
70°	151.4	157.8	162.7	167.0	170.6	173.6	176.3	178.7	180.6	182.1	183.2
67.5°	177.2	184.4	189.4	193.3	196.4	199.5	203.2	206.4	209.1	210.9	211.7
65°	203.5	211.0	215.8	220.1	223.8	227.8	231.9	234.9	236.9	238.1	238.9
62.5°	229.0	236.0	242.1	247.7	253.1	257.7	260.5	263.0	265.2	267.0	268.4
60°	250.9	259.8	266.6	272.0	277.4	282.5	286.0	288.7	290.8	292.4	293.4
57.5°	269.7	278.7	286.7	292.0	297.8	303.9	307.9	310.2	312.3	314.1	315.0
55°	286.1	294.4	301.8	309.0	315.4	320.9	325.2	328.3	330.9	333.0	333.7
52.5°	300.8	309.9	318.6	326.2	332.5	337.8	342.0	345.8	348.8	350.8	351.7
50°	316.2	326.0	335.3	343.7	350.2	356.1	361.3	365.9	370.2	373.7	376.2
47.5°	331.4	341.9	352.1	361.3	369.1	377.7	385.3	391.8	398.2	403.3	406.9
45°	346.8	358.8	370.0	381.8	392.4	403.6	414.0	423.0	432.2	439.1	443.8
42.5°	363.8	377.5	391.0	405.7	420.1	434.7	450.4	464.5	475.4	485.6	493.8
40°	382.1	397.8	415.3	433.3	454.5	473.8	495.0	513.2	529.6	547.0	560.8
37.5°	401.6	421.1	444.1	468.3	495.8	522.2	549.8	577.0	600.7	628.7	650.1
35°	423.1	449.2	477.6	510.3	544.5	582.3	620.1	663.8	701.4	742.8	778.8
32.5°	448.5	479.7	517.0	560.1	604.1	661.3	714.8	784.4	844.6	910.2	976.4
30°	474.8	515.5	563.6	617.9	687.7	766.5	854.3	957.8	1064.5	1167.8	1292.4
27.5°	507.3	556.5	614.7	694.0	796.8	903.2	1054.2	1209.6	1405.8	1568.0	1796.8
25°	541.0	598.9	681.6	789.6	923.6	1108.4	1337.5	1585.9	1931.0	2234.3	2589.9
22.5°	577.7	655.9	758.8	892.0	1095.4	1379.0	1726.0	2193.4	2702.6	3243.0	3780.7
20°	616.0	710.6	845.5	1038.6	1317.6	1701.7	2297.3	3019.0	3746.3	4638.1	5427.8
17.5°	660.3	780.7	946.9	1188.4	1560.7	2149.1	2975.4	3982.9	5111.2	6393.5	7532.0
15°	697.2	840.8	1050.6	1388.4	1900.5	2656.2	3698.2	5084.2	6779.7	8501.8	10249.1
12.5°	740.1	906.1	1152.5	1555.4	2198.6	3202.9	4621.1	6375.4	8493.0	10881.7	13697.6
10°	778.1	970.3	1276.6	1775.3	2561.3	3773.0	5494.2	7604.8	10337.5	13774.3	18134.9
7.5°	806.3	1021.3	1372.4	1942.6	2874.9	4321.1	6319.1	8951.0	12423.3	16961.6	22946.2
5°	824.7	1058.3	1440.1	2071.8	3120.4	4729.0	6923.6	9905.8	14094.9	20513.5	30647.7
2.5°	835.6	1080.2	1478.8	2147.5	3269.6	4999.3	7383.6	10627.8	15178.3	22708.6	35601.3
0°	840.5	1086.3	1502.0	2187.7	3319.5	5103.7	7594.8	10956.8	15663.0	23221.4	36472.2
-2.5°	835.6	1080.2	1478.8	2147.5	3269.6	4999.3	7383.6	10627.8	15178.3	22708.6	35601.3
-5°	824.7	1058.3	1440.1	2071.8	3120.4	4729.0	6923.6	9905.8	14094.9	20513.5	30647.7
-7.5°	806.3	1021.3	1372.4	1942.6	2874.9	4321.1	6319.1	8951.0	12423.3	16961.6	22946.2
-10°	778.1	970.3	1276.6	1775.3	2561.3	3773.0	5494.2	7604.8	10337.5	13774.3	18134.9
-12.5°	740.1	906.1	1152.5	1555.4	2198.6	3202.9	4621.1	6375.4	8493.0	10881.7	13697.6
-15°	697.2	840.8	1050.6	1388.4	1900.5	2656.2	3698.2	5084.2	6779.7	8501.8	10249.1
-17.5°	660.3	780.7	946.9	1188.4	1560.7	2149.1	2975.4	3982.9	5111.2	6393.5	7532.0
-20°	616.0	710.6	845.5	1038.6	1317.6	1701.7	2297.3	3019.0	3746.3	4638.1	5427.8

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626989 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	577.7	655.9	758.8	892.0	1095.4	1379.0	1726.0	2193.4	2702.6	3243.0	3780.7
-25°	541.0	598.9	681.6	789.6	923.6	1108.4	1337.5	1585.9	1931.0	2234.3	2589.9
-27.5°	507.3	556.5	614.7	694.0	796.8	903.2	1054.2	1209.6	1405.8	1568.0	1796.8
-30°	474.8	515.5	563.6	617.9	687.7	766.5	854.3	957.8	1064.5	1167.8	1292.4
-32.5°	448.5	479.7	517.0	560.1	604.1	661.3	714.8	784.4	844.6	910.2	976.4
-35°	423.1	449.2	477.6	510.3	544.5	582.3	620.1	663.8	701.4	742.8	778.8
-37.5°	401.6	421.1	444.1	468.3	495.8	522.2	549.8	577.0	600.7	628.7	650.1
-40°	382.1	397.8	415.3	433.3	454.5	473.8	495.0	513.2	529.6	547.0	560.8
-42.5°	363.8	377.5	391.0	405.7	420.1	434.7	450.4	464.5	475.4	485.6	493.8
-45°	346.8	358.8	370.0	381.8	392.4	403.6	414.0	423.0	432.2	439.1	443.8
-47.5°	331.4	341.9	352.1	361.3	369.1	377.7	385.3	391.8	398.2	403.3	406.9
-50°	316.2	326.0	335.3	343.7	350.2	356.1	361.3	365.9	370.2	373.7	376.2
-52.5°	300.8	309.9	318.6	326.2	332.5	337.8	342.0	345.8	348.8	350.8	351.7
-55°	286.1	294.4	301.8	309.0	315.4	320.9	325.2	328.3	330.9	333.0	333.7
-57.5°	269.7	278.7	286.7	292.0	297.8	303.9	307.9	310.2	312.3	314.1	315.0
-60°	250.9	259.8	266.6	272.0	277.4	282.5	286.0	288.7	290.8	292.4	293.4
-62.5°	229.0	236.0	242.1	247.7	253.1	257.7	260.5	263.0	265.2	267.0	268.4
-65°	203.5	211.0	215.8	220.1	223.8	227.8	231.9	234.9	236.9	238.1	238.9
-67.5°	177.2	184.4	189.4	193.3	196.4	199.5	203.2	206.4	209.1	210.9	211.7
-70°	151.4	157.8	162.7	167.0	170.6	173.6	176.3	178.7	180.6	182.1	183.2
-72.5°	126.1	132.5	137.6	141.9	145.5	148.4	150.7	152.7	154.3	155.0	155.0
-75°	100.4	105.6	111.3	116.3	120.6	123.2	125.1	126.7	127.9	128.3	128.1
-77.5°	78.2	82.2	86.4	90.5	94.6	96.9	98.6	100.0	101.1	101.3	101.1
-80°	58.2	60.8	63.4	66.0	68.5	70.1	71.2	72.0	72.6	72.9	72.9
-82.5°	40.0	41.5	43.0	44.3	45.6	46.7	47.7	48.6	49.4	49.3	49.1
-85°	23.7	24.6	25.4	26.2	26.9	27.5	28.1	28.6	29.1	28.7	28.3
-87.5°	9.9	10.2	10.5	10.7	11.0	11.2	11.4	11.5	11.7	11.1	10.4
-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: P626989 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-740-U-NR-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°	9.8	9.1	9.1	9.1	9.1	9.1	9.8	10.4	11.1	11.7	11.5
85°	27.7	27.2	27.3	27.3	27.3	27.2	27.7	28.3	28.7	29.1	28.6
82.5°	48.7	48.3	48.4	48.5	48.4	48.3	48.7	49.1	49.3	49.4	48.6
80°	72.8	72.5	71.2	69.8	71.2	72.5	72.8	72.9	72.9	72.6	72.0
77.5°	100.5	99.6	98.5	97.1	98.5	99.6	100.5	101.1	101.3	101.1	100.0
75°	127.7	126.9	127.2	127.4	127.2	126.9	127.7	128.1	128.3	127.9	126.7
72.5°	154.8	154.1	154.5	154.7	154.5	154.1	154.8	155.0	155.0	154.3	152.7
70°	183.9	184.2	183.5	182.1	183.5	184.2	183.9	183.2	182.1	180.6	178.7
67.5°	212.0	211.7	210.8	209.4	210.8	211.7	212.0	211.7	210.9	209.1	206.4
65°	239.2	238.9	239.4	239.7	239.4	238.9	239.2	238.9	238.1	236.9	234.9
62.5°	269.1	269.1	268.4	267.0	268.4	269.1	269.1	268.4	267.0	265.2	263.0
60°	293.8	293.6	292.7	291.3	292.7	293.6	293.8	293.4	292.4	290.8	288.7
57.5°	315.3	315.0	314.0	312.5	314.0	315.0	315.3	315.0	314.1	312.3	310.2
55°	333.8	333.3	332.3	330.7	332.3	333.3	333.8	333.7	333.0	330.9	328.3
52.5°	351.9	351.6	351.7	352.0	351.7	351.6	351.9	351.7	350.8	348.8	345.8
50°	377.7	378.2	377.8	376.3	377.8	378.2	377.7	376.2	373.7	370.2	365.9
47.5°	408.6	408.7	408.0	406.6	408.0	408.7	408.6	406.9	403.3	398.2	391.8
45°	447.5	449.7	450.3	449.1	450.3	449.7	447.5	443.8	439.1	432.2	423.0
42.5°	500.2	503.6	504.6	503.7	504.6	503.6	500.2	493.8	485.6	475.4	464.5
40°	569.4	573.3	574.0	573.5	574.0	573.3	569.4	560.8	547.0	529.6	513.2
37.5°	665.1	674.7	679.1	679.7	679.1	674.7	665.1	650.1	628.7	600.7	577.0
35°	806.3	825.4	835.6	840.5	835.6	825.4	806.3	778.8	742.8	701.4	663.8
32.5°	1026.5	1064.7	1085.8	1083.2	1085.8	1064.7	1026.5	976.4	910.2	844.6	784.4
30°	1386.3	1453.0	1486.6	1477.7	1486.6	1453.0	1386.3	1292.4	1167.8	1064.5	957.8
27.5°	1961.1	2081.7	2151.4	2142.2	2151.4	2081.7	1961.1	1796.8	1568.0	1405.8	1209.6
25°	2887.2	3107.3	3248.2	3213.3	3248.2	3107.3	2887.2	2589.9	2234.3	1931.0	1585.9
22.5°	4296.1	4668.9	4915.6	4885.2	4915.6	4668.9	4296.1	3780.7	3243.0	2702.6	2193.4
20°	6228.6	6796.1	7201.3	7255.0	7201.3	6796.1	6228.6	5427.8	4638.1	3746.3	3019.0
17.5°	8761.8	9661.6	10287.9	10392.4	10287.9	9661.6	8761.8	7532.0	6393.5	5111.2	3982.9
15°	12054.0	13524.6	14589.0	14676.9	14589.0	13524.6	12054.0	10249.1	8501.8	6779.7	5084.2
12.5°	16524.3	19482.2	21412.7	22262.6	21412.7	19482.2	16524.3	13697.6	10881.7	8493.0	6375.4
10°	22711.1	29505.3	33856.4	35492.1	33856.4	29505.3	22711.1	18134.9	13774.3	10337.5	7604.8
7.5°	33044.7	43711.9	55570.8	60625.2	55570.8	43711.9	33044.7	22946.2	16961.6	12423.3	8951.0
5°	44746.8	66885.3	87942.8	96165.8	87942.8	66885.3	44746.8	30647.7	20513.5	14094.9	9905.8
2.5°	57060.5	87918.2	116834.3	128142.7	116834.3	87918.2	57060.5	35601.3	22708.6	15178.3	10627.8
0°	61869.2	97127.7	128942.2	141622.5	128942.2	97127.7	61869.2	36472.2	23221.4	15663.0	10956.8
-2.5°	57060.5	87918.2	116834.3	128142.7	116834.3	87918.2	57060.5	35601.3	22708.6	15178.3	10627.8
-5°	44746.8	66885.3	87942.8	96165.8	87942.8	66885.3	44746.8	30647.7	20513.5	14094.9	9905.8
-7.5°	33044.7	43711.9	55570.8	60625.2	55570.8	43711.9	33044.7	22946.2	16961.6	12423.3	8951.0
-10°	22711.1	29505.3	33856.4	35492.1	33856.4	29505.3	22711.1	18134.9	13774.3	10337.5	7604.8
-12.5°	16524.3	19482.2	21412.7	22262.6	21412.7	19482.2	16524.3	13697.6	10881.7	8493.0	6375.4
-15°	12054.0	13524.6	14589.0	14676.9	14589.0	13524.6	12054.0	10249.1	8501.8	6779.7	5084.2
-17.5°	8761.8	9661.6	10287.9	10392.4	10287.9	9661.6	8761.8	7532.0	6393.5	5111.2	3982.9
-20°	6228.6	6796.1	7201.3	7255.0	7201.3	6796.1	6228.6	5427.8	4638.1	3746.3	3019.0



REPORT NUMBER: P626989 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-740-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4296.1	4668.9	4915.6	4885.2	4915.6	4668.9	4296.1	3780.7	3243.0	2702.6	2193.4
-25°	2887.2	3107.3	3248.2	3213.3	3248.2	3107.3	2887.2	2589.9	2234.3	1931.0	1585.9
-27.5°	1961.1	2081.7	2151.4	2142.2	2151.4	2081.7	1961.1	1796.8	1568.0	1405.8	1209.6
-30°	1386.3	1453.0	1486.6	1477.7	1486.6	1453.0	1386.3	1292.4	1167.8	1064.5	957.8
-32.5°	1026.5	1064.7	1085.8	1083.2	1085.8	1064.7	1026.5	976.4	910.2	844.6	784.4
-35°	806.3	825.4	835.6	840.5	835.6	825.4	806.3	778.8	742.8	701.4	663.8
-37.5°	665.1	674.7	679.1	679.7	679.1	674.7	665.1	650.1	628.7	600.7	577.0
-40°	569.4	573.3	574.0	573.5	574.0	573.3	569.4	560.8	547.0	529.6	513.2
-42.5°	500.2	503.6	504.6	503.7	504.6	503.6	500.2	493.8	485.6	475.4	464.5
-45°	447.5	449.7	450.3	449.1	450.3	449.7	447.5	443.8	439.1	432.2	423.0
-47.5°	408.6	408.7	408.0	406.6	408.0	408.7	408.6	406.9	403.3	398.2	391.8
-50°	377.7	378.2	377.8	376.3	377.8	378.2	377.7	376.2	373.7	370.2	365.9
-52.5°	351.9	351.6	351.7	352.0	351.7	351.6	351.9	351.7	350.8	348.8	345.8
-55°	333.8	333.3	332.3	330.7	332.3	333.3	333.8	333.7	333.0	330.9	328.3
-57.5°	315.3	315.0	314.0	312.5	314.0	315.0	315.3	315.0	314.1	312.3	310.2
-60°	293.8	293.6	292.7	291.3	292.7	293.6	293.8	293.4	292.4	290.8	288.7
-62.5°	269.1	269.1	268.4	267.0	268.4	269.1	269.1	268.4	267.0	265.2	263.0
-65°	239.2	238.9	239.4	239.7	239.4	238.9	239.2	238.9	238.1	236.9	234.9
-67.5°	212.0	211.7	210.8	209.4	210.8	211.7	212.0	211.7	210.9	209.1	206.4
-70°	183.9	184.2	183.5	182.1	183.5	184.2	183.9	183.2	182.1	180.6	178.7
-72.5°	154.8	154.1	154.5	154.7	154.5	154.1	154.8	155.0	155.0	154.3	152.7
-75°	127.7	126.9	127.2	127.4	127.2	126.9	127.7	128.1	128.3	127.9	126.7
-77.5°	100.5	99.6	98.5	97.1	98.5	99.6	100.5	101.1	101.3	101.1	100.0
-80°	72.8	72.5	71.2	69.8	71.2	72.5	72.8	72.9	72.9	72.6	72.0
-82.5°	48.7	48.3	48.4	48.5	48.4	48.3	48.7	49.1	49.3	49.4	48.6
-85°	27.7	27.2	27.3	27.3	27.3	27.2	27.7	28.3	28.7	29.1	28.6
-87.5°	9.8	9.1	9.1	9.1	9.1	9.1	9.8	10.4	11.1	11.7	11.5
-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: P626989 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-NR-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°	11.4	11.2	11.0	10.7	10.5	10.2	9.9	9.6	9.3	8.9	8.6
85°	28.1	27.5	26.9	26.2	25.4	24.6	23.7	22.3	21.0	19.6	18.4
82.5°	47.7	46.7	45.6	44.3	43.0	41.5	40.0	37.8	35.5	32.9	30.2
80°	71.2	70.1	68.5	66.0	63.4	60.8	58.2	55.7	53.0	50.2	47.3
77.5°	98.6	96.9	94.6	90.5	86.4	82.2	78.2	74.8	71.5	68.0	64.3
75°	125.1	123.2	120.6	116.3	111.3	105.6	100.4	96.1	91.6	86.8	81.9
72.5°	150.7	148.4	145.5	141.9	137.6	132.5	126.1	119.3	112.8	106.7	100.8
70°	176.3	173.6	170.6	167.0	162.7	157.8	151.4	143.8	135.0	126.6	120.2
67.5°	203.2	199.5	196.4	193.3	189.4	184.4	177.2	169.2	160.6	150.8	141.7
65°	231.9	227.8	223.8	220.1	215.8	211.0	203.5	194.8	185.5	175.6	165.3
62.5°	260.5	257.7	253.1	247.7	242.1	236.0	229.0	220.5	210.4	199.0	187.7
60°	286.0	282.5	277.4	272.0	266.6	259.8	250.9	243.1	236.3	223.4	209.9
57.5°	307.9	303.9	297.8	292.0	286.7	278.7	269.7	260.8	252.0	243.1	231.5
55°	325.2	320.9	315.4	309.0	301.8	294.4	286.1	276.5	267.3	259.0	248.3
52.5°	342.0	337.8	332.5	326.2	318.6	309.9	300.8	291.3	282.6	274.2	264.5
50°	361.3	356.1	350.2	343.7	335.3	326.0	316.2	306.0	297.1	288.5	279.3
47.5°	385.3	377.7	369.1	361.3	352.1	341.9	331.4	321.2	311.4	301.3	292.1
45°	414.0	403.6	392.4	381.8	370.0	358.8	346.8	336.1	325.6	314.7	303.3
42.5°	450.4	434.7	420.1	405.7	391.0	377.5	363.8	351.4	339.5	327.9	315.6
40°	495.0	473.8	454.5	433.3	415.3	397.8	382.1	366.4	353.3	340.7	327.2
37.5°	549.8	522.2	495.8	468.3	444.1	421.1	401.6	383.6	366.5	352.7	338.5
35°	620.1	582.3	544.5	510.3	477.6	449.2	423.1	401.6	382.1	364.2	349.3
32.5°	714.8	661.3	604.1	560.1	517.0	479.7	448.5	421.1	397.8	377.5	359.6
30°	854.3	766.5	687.7	617.9	563.6	515.5	474.8	443.1	415.3	391.0	370.0
27.5°	1054.2	903.2	796.8	694.0	614.7	556.5	507.3	465.6	433.0	405.7	381.6
25°	1337.5	1108.4	923.6	789.6	681.6	598.9	541.0	492.8	452.8	419.9	391.0
22.5°	1726.0	1379.0	1095.4	892.0	758.8	655.9	577.7	519.6	470.9	432.4	400.9
20°	2297.3	1701.7	1317.6	1038.6	845.5	710.6	616.0	547.6	491.3	445.3	409.6
17.5°	2975.4	2149.1	1560.7	1188.4	946.9	780.7	660.3	573.3	509.8	456.6	416.6
15°	3698.2	2656.2	1900.5	1388.4	1050.6	840.8	697.2	596.1	527.4	469.1	425.4
12.5°	4621.1	3202.9	2198.6	1555.4	1152.5	906.1	740.1	625.0	544.8	482.4	434.5
10°	5494.2	3773.0	2561.3	1775.3	1276.6	970.3	778.1	647.2	558.2	493.1	441.9
7.5°	6319.1	4321.1	2874.9	1942.6	1372.4	1021.3	806.3	663.2	567.7	500.6	447.6
5°	6923.6	4729.0	3120.4	2071.8	1440.1	1058.3	824.7	673.2	573.4	505.0	451.4
2.5°	7383.6	4999.3	3269.6	2147.5	1478.8	1080.2	835.6	680.8	578.9	508.5	455.7
0°	7594.8	5103.7	3319.5	2187.7	1502.0	1086.3	840.5	685.7	582.6	509.8	458.2
-2.5°	7383.6	4999.3	3269.6	2147.5	1478.8	1080.2	835.6	680.8	578.9	508.5	455.7
-5°	6923.6	4729.0	3120.4	2071.8	1440.1	1058.3	824.7	673.2	573.4	505.0	451.4
-7.5°	6319.1	4321.1	2874.9	1942.6	1372.4	1021.3	806.3	663.2	567.7	500.6	447.6
-10°	5494.2	3773.0	2561.3	1775.3	1276.6	970.3	778.1	647.2	558.2	493.1	441.9
-12.5°	4621.1	3202.9	2198.6	1555.4	1152.5	906.1	740.1	625.0	544.8	482.4	434.5
-15°	3698.2	2656.2	1900.5	1388.4	1050.6	840.8	697.2	596.1	527.4	469.1	425.4
-17.5°	2975.4	2149.1	1560.7	1188.4	946.9	780.7	660.3	573.3	509.8	456.6	416.6
-20°	2297.3	1701.7	1317.6	1038.6	845.5	710.6	616.0	547.6	491.3	445.3	409.6



REPORT NUMBER: P626989 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1726.0	1379.0	1095.4	892.0	758.8	655.9	577.7	519.6	470.9	432.4	400.9
-25°	1337.5	1108.4	923.6	789.6	681.6	598.9	541.0	492.8	452.8	419.9	391.0
-27.5°	1054.2	903.2	796.8	694.0	614.7	556.5	507.3	465.6	433.0	405.7	381.6
-30°	854.3	766.5	687.7	617.9	563.6	515.5	474.8	443.1	415.3	391.0	370.0
-32.5°	714.8	661.3	604.1	560.1	517.0	479.7	448.5	421.1	397.8	377.5	359.6
-35°	620.1	582.3	544.5	510.3	477.6	449.2	423.1	401.6	382.1	364.2	349.3
-37.5°	549.8	522.2	495.8	468.3	444.1	421.1	401.6	383.6	366.5	352.7	338.5
-40°	495.0	473.8	454.5	433.3	415.3	397.8	382.1	366.4	353.3	340.7	327.2
-42.5°	450.4	434.7	420.1	405.7	391.0	377.5	363.8	351.4	339.5	327.9	315.6
-45°	414.0	403.6	392.4	381.8	370.0	358.8	346.8	336.1	325.6	314.7	303.3
-47.5°	385.3	377.7	369.1	361.3	352.1	341.9	331.4	321.2	311.4	301.3	292.1
-50°	361.3	356.1	350.2	343.7	335.3	326.0	316.2	306.0	297.1	288.5	279.3
-52.5°	342.0	337.8	332.5	326.2	318.6	309.9	300.8	291.3	282.6	274.2	264.5
-55°	325.2	320.9	315.4	309.0	301.8	294.4	286.1	276.5	267.3	259.0	248.3
-57.5°	307.9	303.9	297.8	292.0	286.7	278.7	269.7	260.8	252.0	243.1	231.5
-60°	286.0	282.5	277.4	272.0	266.6	259.8	250.9	243.1	236.3	223.4	209.9
-62.5°	260.5	257.7	253.1	247.7	242.1	236.0	229.0	220.5	210.4	199.0	187.7
-65°	231.9	227.8	223.8	220.1	215.8	211.0	203.5	194.8	185.5	175.6	165.3
-67.5°	203.2	199.5	196.4	193.3	189.4	184.4	177.2	169.2	160.6	150.8	141.7
-70°	176.3	173.6	170.6	167.0	162.7	157.8	151.4	143.8	135.0	126.6	120.2
-72.5°	150.7	148.4	145.5	141.9	137.6	132.5	126.1	119.3	112.8	106.7	100.8
-75°	125.1	123.2	120.6	116.3	111.3	105.6	100.4	96.1	91.6	86.8	81.9
-77.5°	98.6	96.9	94.6	90.5	86.4	82.2	78.2	74.8	71.5	68.0	64.3
-80°	71.2	70.1	68.5	66.0	63.4	60.8	58.2	55.7	53.0	50.2	47.3
-82.5°	47.7	46.7	45.6	44.3	43.0	41.5	40.0	37.8	35.5	32.9	30.2
-85°	28.1	27.5	26.9	26.2	25.4	24.6	23.7	22.3	21.0	19.6	18.4
-87.5°	11.4	11.2	11.0	10.7	10.5	10.2	9.9	9.6	9.3	8.9	8.6
-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: P626989 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-740-U-NR-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°	8.2	7.8	7.4	6.9	6.5	6.0	5.6	5.1	4.6	4.1	3.6
85°	17.7	16.9	15.9	14.8	13.4	12.1	11.2	10.2	9.3	8.3	7.3
82.5°	28.7	27.6	26.5	25.2	23.2	21.1	19.1	16.9	14.7	12.5	10.9
80°	44.5	41.7	39.0	36.4	33.3	30.2	27.4	24.5	21.6	18.7	15.7
77.5°	60.4	56.4	52.3	48.5	44.6	40.6	36.6	32.4	28.5	24.8	21.1
75°	76.7	71.8	66.8	61.7	56.4	51.1	46.2	41.2	36.1	31.0	26.4
72.5°	94.7	88.4	81.9	75.2	69.1	62.8	56.3	49.9	44.0	38.0	31.9
70°	113.5	105.7	97.9	90.5	82.6	74.4	67.0	59.5	51.8	44.9	38.0
67.5°	133.1	125.2	116.1	106.2	97.3	88.0	78.0	69.2	60.6	51.8	44.0
65°	154.8	144.8	135.3	123.9	112.6	101.9	91.0	79.3	69.2	59.5	49.9
62.5°	175.9	164.0	152.5	140.7	128.5	116.1	103.8	90.7	78.0	67.0	56.3
60°	196.9	183.6	169.4	156.0	143.2	130.1	116.2	101.8	87.7	74.4	62.8
57.5°	216.7	202.8	186.7	171.1	156.7	143.0	128.1	112.4	97.2	82.5	69.0
55°	235.2	219.7	203.0	186.0	169.9	154.8	139.4	122.7	106.4	90.5	75.1
52.5°	252.2	236.0	218.2	200.2	182.5	166.2	149.9	132.6	115.1	98.2	81.6
50°	268.1	252.2	233.3	213.9	194.6	177.3	160.2	142.1	123.5	105.6	88.0
47.5°	281.8	266.7	248.4	227.5	206.9	188.3	170.4	151.4	131.5	112.6	94.1
45°	293.0	280.2	262.6	241.6	219.4	199.7	180.3	160.5	139.7	119.4	100.0
42.5°	303.4	291.5	275.6	255.3	232.3	211.0	190.1	169.3	147.6	125.8	105.7
40°	314.1	301.4	287.7	267.2	244.4	221.8	199.9	177.9	155.3	132.2	111.0
37.5°	324.0	310.8	296.9	278.3	255.3	231.9	209.3	186.3	162.4	138.5	116.1
35°	334.0	319.3	305.0	287.0	264.7	241.2	218.2	194.3	169.2	144.4	120.9
32.5°	343.7	327.2	311.7	294.2	273.3	249.5	226.1	201.2	175.5	149.8	125.5
30°	352.4	334.5	318.2	301.0	280.7	256.8	232.9	207.5	181.3	154.8	129.7
27.5°	359.4	340.6	324.3	306.9	286.6	263.3	238.8	213.2	186.7	159.4	133.7
25°	366.4	346.3	329.2	312.3	292.1	269.9	244.3	218.2	191.5	163.8	137.4
22.5°	374.2	351.5	333.1	317.4	297.7	276.2	249.5	222.6	195.6	167.7	140.6
20°	381.1	356.0	336.0	321.4	302.2	281.0	254.5	226.6	199.1	171.1	143.4
17.5°	387.2	360.9	339.7	323.8	305.7	285.0	259.1	230.0	202.1	174.2	145.8
15°	393.5	366.0	343.1	325.7	308.6	288.4	263.2	233.1	204.5	176.7	147.9
12.5°	399.1	370.2	345.9	327.2	310.7	291.2	266.9	235.6	206.4	178.9	149.9
10°	403.7	373.4	347.9	328.2	312.3	293.3	270.1	238.0	208.4	180.5	151.6
7.5°	407.4	375.6	349.2	328.8	313.3	295.0	272.8	240.8	210.1	181.7	152.9
5°	410.0	377.3	351.3	330.7	314.6	296.3	274.7	243.1	211.4	182.3	153.9
2.5°	412.0	378.8	353.5	332.5	315.3	297.1	275.7	244.7	212.1	182.4	154.5
0°	412.7	379.3	355.0	333.8	315.6	297.4	276.1	245.8	212.4	182.1	154.7
-2.5°	412.0	378.8	353.5	332.5	315.3	297.1	275.7	244.7	212.1	182.4	154.5
-5°	410.0	377.3	351.3	330.7	314.6	296.3	274.7	243.1	211.4	182.3	153.9
-7.5°	407.4	375.6	349.2	328.8	313.3	295.0	272.8	240.8	210.1	181.7	152.9
-10°	403.7	373.4	347.9	328.2	312.3	293.3	270.1	238.0	208.4	180.5	151.6
-12.5°	399.1	370.2	345.9	327.2	310.7	291.2	266.9	235.6	206.4	178.9	149.9
-15°	393.5	366.0	343.1	325.7	308.6	288.4	263.2	233.1	204.5	176.7	147.9
-17.5°	387.2	360.9	339.7	323.8	305.7	285.0	259.1	230.0	202.1	174.2	145.8
-20°	381.1	356.0	336.0	321.4	302.2	281.0	254.5	226.6	199.1	171.1	143.4



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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°	374.2	351.5	333.1	317.4	297.7	276.2	249.5	222.6	195.6	167.7	140.6
-25°	366.4	346.3	329.2	312.3	292.1	269.9	244.3	218.2	191.5	163.8	137.4
-27.5°	359.4	340.6	324.3	306.9	286.6	263.3	238.8	213.2	186.7	159.4	133.7
-30°	352.4	334.5	318.2	301.0	280.7	256.8	232.9	207.5	181.3	154.8	129.7
-32.5°	343.7	327.2	311.7	294.2	273.3	249.5	226.1	201.2	175.5	149.8	125.5
-35°	334.0	319.3	305.0	287.0	264.7	241.2	218.2	194.3	169.2	144.4	120.9
-37.5°	324.0	310.8	296.9	278.3	255.3	231.9	209.3	186.3	162.4	138.5	116.1
-40°	314.1	301.4	287.7	267.2	244.4	221.8	199.9	177.9	155.3	132.2	111.0
-42.5°	303.4	291.5	275.6	255.3	232.3	211.0	190.1	169.3	147.6	125.8	105.7
-45°	293.0	280.2	262.6	241.6	219.4	199.7	180.3	160.5	139.7	119.4	100.0
-47.5°	281.8	266.7	248.4	227.5	206.9	188.3	170.4	151.4	131.5	112.6	94.1
-50°	268.1	252.2	233.3	213.9	194.6	177.3	160.2	142.1	123.5	105.6	88.0
-52.5°	252.2	236.0	218.2	200.2	182.5	166.2	149.9	132.6	115.1	98.2	81.6
-55°	235.2	219.7	203.0	186.0	169.9	154.8	139.4	122.7	106.4	90.5	75.1
-57.5°	216.7	202.8	186.7	171.1	156.7	143.0	128.1	112.4	97.2	82.5	69.0
-60°	196.9	183.6	169.4	156.0	143.2	130.1	116.2	101.8	87.7	74.4	62.8
-62.5°	175.9	164.0	152.5	140.7	128.5	116.1	103.8	90.7	78.0	67.0	56.3
-65°	154.8	144.8	135.3	123.9	112.6	101.9	91.0	79.3	69.2	59.5	49.9
-67.5°	133.1	125.2	116.1	106.2	97.3	88.0	78.0	69.2	60.6	51.8	44.0
-70°	113.5	105.7	97.9	90.5	82.6	74.4	67.0	59.5	51.8	44.9	38.0
-72.5°	94.7	88.4	81.9	75.2	69.1	62.8	56.3	49.9	44.0	38.0	31.9
-75°	76.7	71.8	66.8	61.7	56.4	51.1	46.2	41.2	36.1	31.0	26.4
-77.5°	60.4	56.4	52.3	48.5	44.6	40.6	36.6	32.4	28.5	24.8	21.1
-80°	44.5	41.7	39.0	36.4	33.3	30.2	27.4	24.5	21.6	18.7	15.7
-82.5°	28.7	27.6	26.5	25.2	23.2	21.1	19.1	16.9	14.7	12.5	10.9
-85°	17.7	16.9	15.9	14.8	13.4	12.1	11.2	10.2	9.3	8.3	7.3
-87.5°	8.2	7.8	7.4	6.9	6.5	6.0	5.6	5.1	4.6	4.1	3.6
-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	2.6	2.1	1.6	1.1	0.5	0.0
85°	6.3	5.2	4.2	3.2	2.1	0.9	0.0
82.5°	9.4	7.8	6.3	4.7	3.1	1.4	0.0
80°	12.7	10.4	8.4	6.3	4.2	1.8	0.0
77.5°	17.2	13.4	10.4	7.8	5.2	2.3	0.0
75°	21.8	17.0	12.6	9.4	6.2	2.7	0.0
72.5°	26.2	20.6	15.4	10.9	7.2	3.2	0.0
70°	30.7	24.1	18.1	12.5	8.1	3.6	0.0
67.5°	35.8	27.6	20.7	14.4	9.1	4.0	0.0
65°	40.8	31.3	23.3	16.3	10.0	4.4	0.0
62.5°	45.7	35.4	25.8	18.1	10.9	4.8	0.0
60°	50.5	39.4	28.3	19.9	11.7	5.2	0.0
57.5°	55.7	43.2	31.3	21.6	12.8	5.6	0.0
55°	60.9	47.0	34.3	23.3	13.9	5.9	0.0
52.5°	65.9	50.7	37.3	24.8	14.9	6.3	0.0
50°	70.7	54.8	40.1	26.4	15.9	6.6	0.0
47.5°	75.5	58.7	42.8	28.0	16.9	6.9	0.0
45°	80.5	62.4	45.4	29.9	17.9	7.2	0.0
42.5°	85.4	65.9	47.8	31.8	18.8	7.5	0.0
40°	90.0	69.3	50.4	33.6	19.7	7.7	0.0
37.5°	94.3	72.5	52.9	35.3	20.5	7.9	0.0
35°	98.4	75.8	55.3	36.9	21.3	8.2	0.0
32.5°	102.3	79.0	57.6	38.5	22.1	8.4	0.0
30°	105.9	82.0	59.7	39.9	22.8	8.5	0.0
27.5°	109.2	84.7	61.7	41.3	23.5	8.7	0.0
25°	112.2	87.2	63.6	42.5	24.1	8.8	0.0
22.5°	114.9	89.5	65.3	43.6	24.7	8.9	0.0
20°	117.4	91.5	66.9	44.6	25.2	9.0	0.0
17.5°	119.4	93.1	68.3	45.5	25.7	9.1	0.0
15°	121.1	94.5	69.5	46.3	26.1	9.2	0.0
12.5°	122.4	95.6	70.5	47.0	26.5	9.2	0.0
10°	123.5	96.4	71.3	47.5	26.8	9.2	0.0
7.5°	124.2	97.0	72.0	48.0	27.0	9.2	0.0
5°	124.6	97.3	72.4	48.3	27.2	9.2	0.0
2.5°	124.6	97.3	72.7	48.4	27.3	9.2	0.0
0°	124.4	97.1	72.8	48.5	27.3	9.1	0.0
-2.5°	124.6	97.3	72.7	48.4	27.3	9.2	0.0
-5°	124.6	97.3	72.4	48.3	27.2	9.2	0.0
-7.5°	124.2	97.0	72.0	48.0	27.0	9.2	0.0
-10°	123.5	96.4	71.3	47.5	26.8	9.2	0.0
-12.5°	122.4	95.6	70.5	47.0	26.5	9.2	0.0
-15°	121.1	94.5	69.5	46.3	26.1	9.2	0.0
-17.5°	119.4	93.1	68.3	45.5	25.7	9.1	0.0
-20°	117.4	91.5	66.9	44.6	25.2	9.0	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	114.9	89.5	65.3	43.6	24.7	8.9	0.0
-25°	112.2	87.2	63.6	42.5	24.1	8.8	0.0
-27.5°	109.2	84.7	61.7	41.3	23.5	8.7	0.0
-30°	105.9	82.0	59.7	39.9	22.8	8.5	0.0
-32.5°	102.3	79.0	57.6	38.5	22.1	8.4	0.0
-35°	98.4	75.8	55.3	36.9	21.3	8.2	0.0
-37.5°	94.3	72.5	52.9	35.3	20.5	7.9	0.0
-40°	90.0	69.3	50.4	33.6	19.7	7.7	0.0
-42.5°	85.4	65.9	47.8	31.8	18.8	7.5	0.0
-45°	80.5	62.4	45.4	29.9	17.9	7.2	0.0
-47.5°	75.5	58.7	42.8	28.0	16.9	6.9	0.0
-50°	70.7	54.8	40.1	26.4	15.9	6.6	0.0
-52.5°	65.9	50.7	37.3	24.8	14.9	6.3	0.0
-55°	60.9	47.0	34.3	23.3	13.9	5.9	0.0
-57.5°	55.7	43.2	31.3	21.6	12.8	5.6	0.0
-60°	50.5	39.4	28.3	19.9	11.7	5.2	0.0
-62.5°	45.7	35.4	25.8	18.1	10.9	4.8	0.0
-65°	40.8	31.3	23.3	16.3	10.0	4.4	0.0
-67.5°	35.8	27.6	20.7	14.4	9.1	4.0	0.0
-70°	30.7	24.1	18.1	12.5	8.1	3.6	0.0
-72.5°	26.2	20.6	15.4	10.9	7.2	3.2	0.0
-75°	21.8	17.0	12.6	9.4	6.2	2.7	0.0
-77.5°	17.2	13.4	10.4	7.8	5.2	2.3	0.0
-80°	12.7	10.4	8.4	6.3	4.2	1.8	0.0
-82.5°	9.4	7.8	6.3	4.7	3.1	1.4	0.0
-85°	6.3	5.2	4.2	3.2	2.1	0.9	0.0
-87.5°	3.1	2.6	2.1	1.6	1.1	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)