

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: P627029 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-730-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627029 (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-SA2E-730-U-NR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N44  
Light Source: (32) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

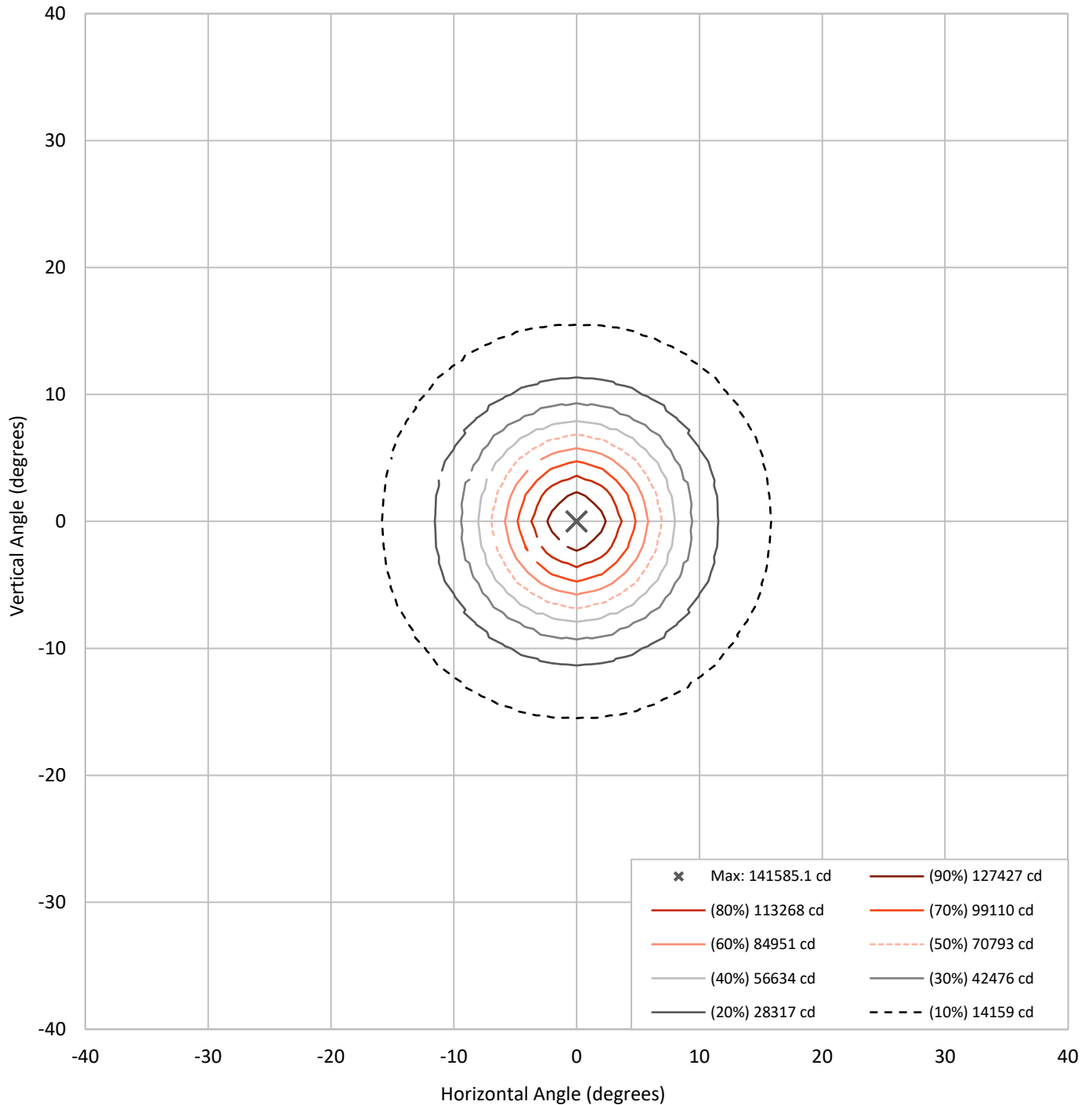
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	15034.2 lumens	Max Intensity:	141585.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	119.6 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:	4445 lumens	Field Lumens:	10003 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	125.7		
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





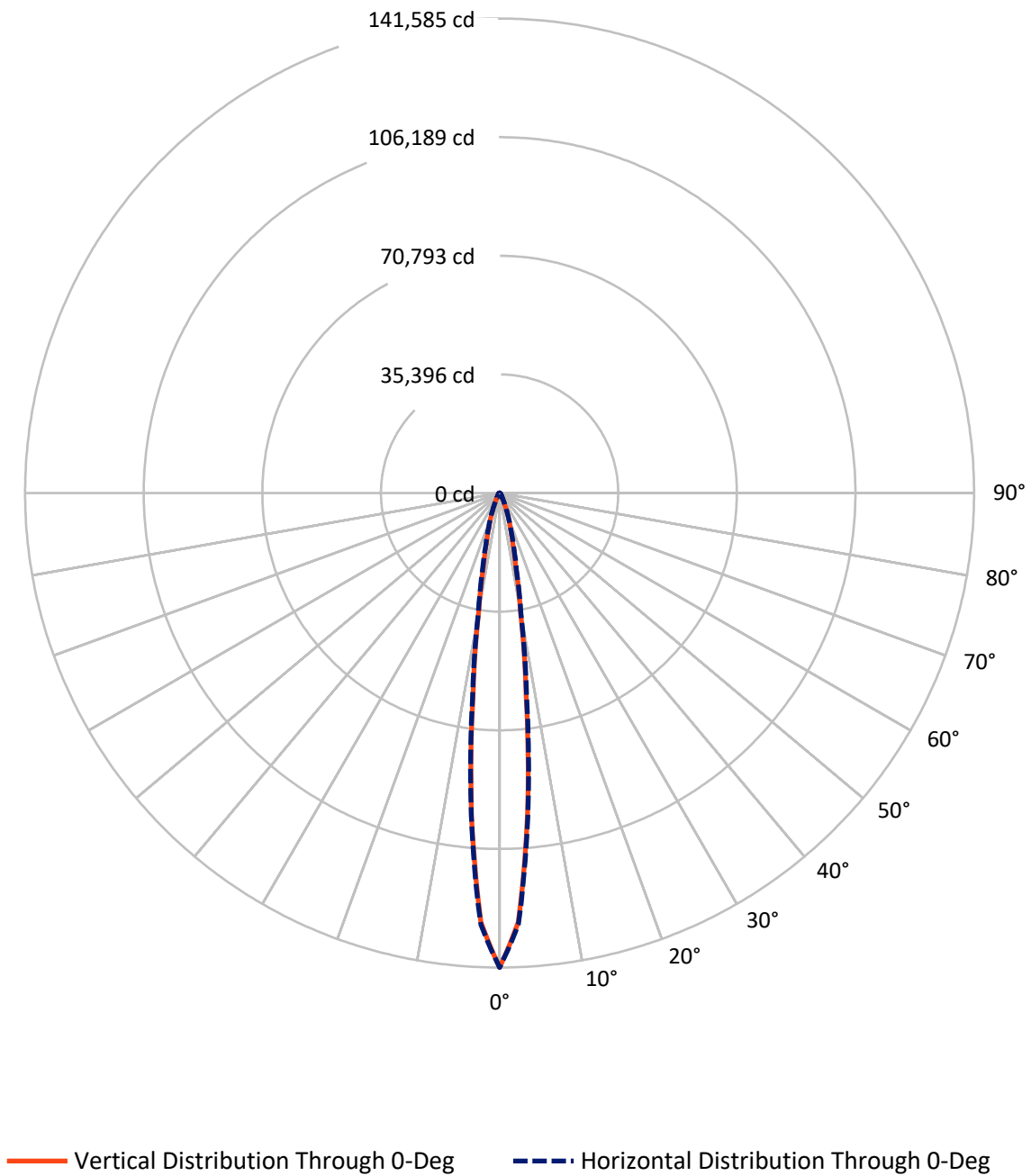
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### Lumen Table

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	103.5	103.5	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	207.1	446.1	446.1	207.1	58.3	18.4	9.4	5.7	3.0	
10	2.3	3.2	5.8	9.9	22.2	96.1	450.3	1945.0	1945.0	450.3	96.1	22.2	9.9	5.8	3.2	2.3
0		3.2	5.8	9.9	22.2	96.1	450.3	1945.0	1945.0	450.3	96.1	22.2	9.9	5.8	3.2	
-10	2.1	3.0	5.7	9.4	18.4	58.3	207.1	446.1	446.1	207.1	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	103.5	103.5	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

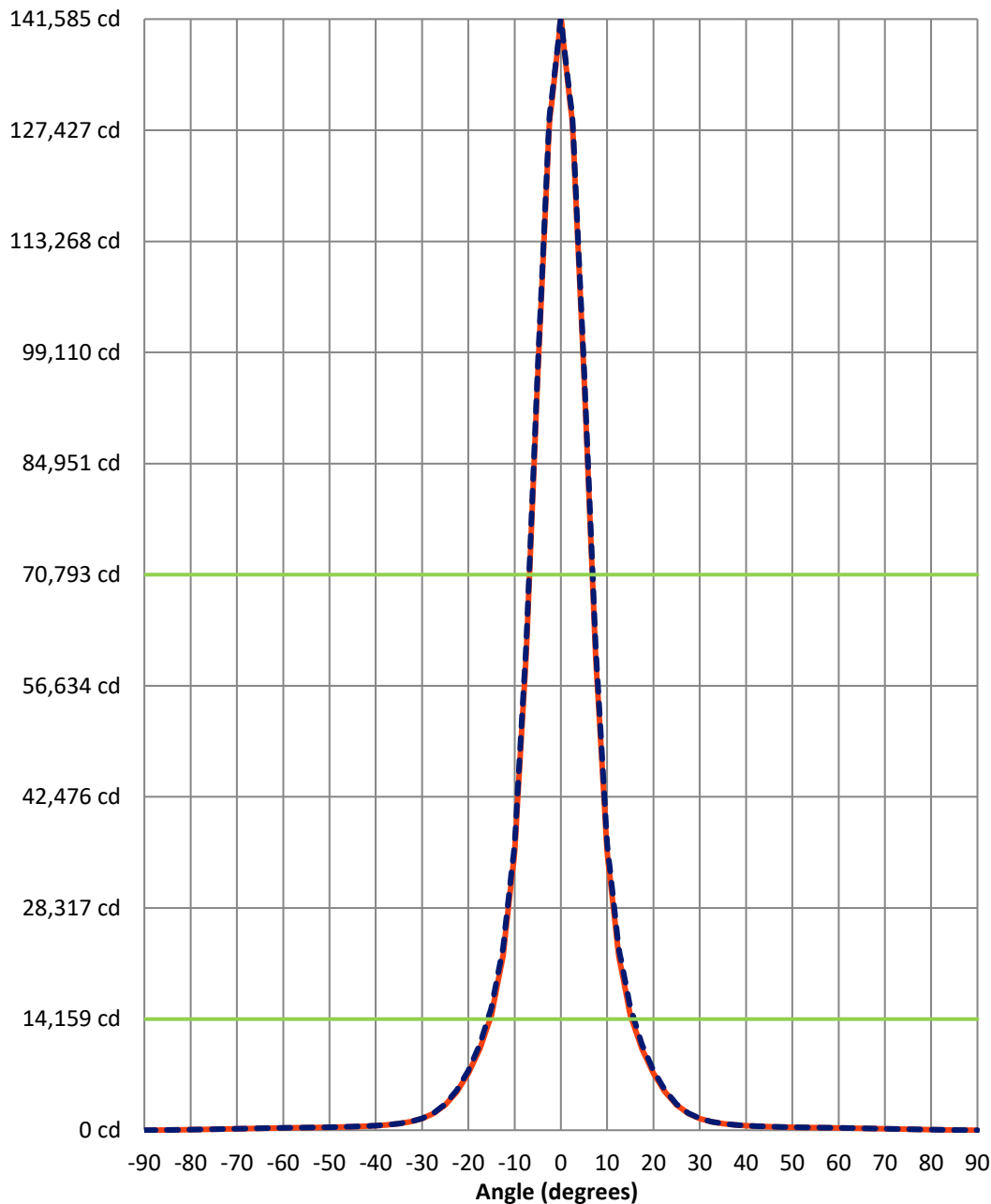
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.7°  
 V Angle: 13.6°  
 Lumens: 4445  
 Efficiency: 29.6%

**Field:**  
 H Angle: 31.6°  
 V Angle: 30.6°  
 Lumens: 10003  
 Efficiency: 66.5%

**Spill:**  
 Lumens: 5031.2  
 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	59.4
67.5°	0.0	4.0	9.1	14.4	20.7	27.6	35.8	44.0	51.8	60.5	69.1
65°	0.0	4.4	10.0	16.3	23.3	31.3	40.8	49.9	59.4	69.1	79.2
62.5°	0.0	4.8	10.9	18.1	25.8	35.4	45.7	56.3	67.0	77.9	90.6
60°	0.0	5.2	11.7	19.9	28.3	39.4	50.5	62.7	74.3	87.7	101.7
57.5°	0.0	5.6	12.8	21.6	31.3	43.2	55.7	69.0	82.4	97.2	112.4
55°	0.0	5.9	13.9	23.3	34.3	47.0	60.8	75.0	90.4	106.3	122.7
52.5°	0.0	6.3	14.9	24.8	37.3	50.7	65.8	81.5	98.1	115.1	132.6
50°	0.0	6.6	15.9	26.4	40.1	54.8	70.7	87.9	105.5	123.5	142.1
47.5°	0.0	6.9	16.9	28.0	42.8	58.6	75.4	94.0	112.5	131.4	151.4
45°	0.0	7.2	17.9	29.9	45.4	62.4	80.5	99.9	119.3	139.6	160.5
42.5°	0.0	7.5	18.8	31.8	47.8	65.9	85.3	105.6	125.7	147.6	169.3
40°	0.0	7.7	19.7	33.6	50.4	69.3	89.9	111.0	132.1	155.2	177.9
37.5°	0.0	7.9	20.5	35.3	52.9	72.5	94.3	116.1	138.5	162.4	186.2
35°	0.0	8.2	21.3	36.9	55.3	75.8	98.4	120.9	144.4	169.1	194.2
32.5°	0.0	8.4	22.1	38.5	57.6	79.0	102.2	125.4	149.8	175.4	201.1
30°	0.0	8.5	22.8	39.9	59.7	82.0	105.8	129.7	154.8	181.3	207.4
27.5°	0.0	8.7	23.5	41.3	61.7	84.7	109.1	133.7	159.4	186.7	213.1
25°	0.0	8.8	24.1	42.5	63.6	87.2	112.2	137.3	163.7	191.4	218.1
22.5°	0.0	8.9	24.7	43.6	65.3	89.5	114.9	140.6	167.6	195.5	222.5
20°	0.0	9.0	25.2	44.6	66.9	91.5	117.4	143.4	171.1	199.0	226.5
17.5°	0.0	9.1	25.7	45.5	68.3	93.1	119.4	145.8	174.1	202.0	230.0
15°	0.0	9.2	26.1	46.3	69.5	94.5	121.1	147.9	176.6	204.4	233.0
12.5°	0.0	9.2	26.5	47.0	70.5	95.6	122.4	149.9	178.8	206.3	235.5
10°	0.0	9.2	26.8	47.5	71.3	96.4	123.5	151.6	180.4	208.3	238.0
7.5°	0.0	9.2	27.0	48.0	72.0	97.0	124.2	152.9	181.6	210.0	240.8
5°	0.0	9.2	27.2	48.3	72.4	97.3	124.6	153.9	182.2	211.3	243.0
2.5°	0.0	9.2	27.3	48.4	72.7	97.3	124.6	154.5	182.3	212.0	244.7
0°	0.0	9.1	27.3	48.5	72.8	97.1	124.4	154.7	182.0	212.3	245.7
-2.5°	0.0	9.2	27.3	48.4	72.7	97.3	124.6	154.5	182.3	212.0	244.7
-5°	0.0	9.2	27.2	48.3	72.4	97.3	124.6	153.9	182.2	211.3	243.0
-7.5°	0.0	9.2	27.0	48.0	72.0	97.0	124.2	152.9	181.6	210.0	240.8
-10°	0.0	9.2	26.8	47.5	71.3	96.4	123.5	151.6	180.4	208.3	238.0
-12.5°	0.0	9.2	26.5	47.0	70.5	95.6	122.4	149.9	178.8	206.3	235.5
-15°	0.0	9.2	26.1	46.3	69.5	94.5	121.1	147.9	176.6	204.4	233.0
-17.5°	0.0	9.1	25.7	45.5	68.3	93.1	119.4	145.8	174.1	202.0	230.0
-20°	0.0	9.0	25.2	44.6	66.9	91.5	117.4	143.4	171.1	199.0	226.5

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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	167.6	195.5	222.5
-25°	0.0	8.8	24.1	42.5	63.6	87.2	112.2	137.3	163.7	191.4	218.1
-27.5°	0.0	8.7	23.5	41.3	61.7	84.7	109.1	133.7	159.4	186.7	213.1
-30°	0.0	8.5	22.8	39.9	59.7	82.0	105.8	129.7	154.8	181.3	207.4
-32.5°	0.0	8.4	22.1	38.5	57.6	79.0	102.2	125.4	149.8	175.4	201.1
-35°	0.0	8.2	21.3	36.9	55.3	75.8	98.4	120.9	144.4	169.1	194.2
-37.5°	0.0	7.9	20.5	35.3	52.9	72.5	94.3	116.1	138.5	162.4	186.2
-40°	0.0	7.7	19.7	33.6	50.4	69.3	89.9	111.0	132.1	155.2	177.9
-42.5°	0.0	7.5	18.8	31.8	47.8	65.9	85.3	105.6	125.7	147.6	169.3
-45°	0.0	7.2	17.9	29.9	45.4	62.4	80.5	99.9	119.3	139.6	160.5
-47.5°	0.0	6.9	16.9	28.0	42.8	58.6	75.4	94.0	112.5	131.4	151.4
-50°	0.0	6.6	15.9	26.4	40.1	54.8	70.7	87.9	105.5	123.5	142.1
-52.5°	0.0	6.3	14.9	24.8	37.3	50.7	65.8	81.5	98.1	115.1	132.6
-55°	0.0	5.9	13.9	23.3	34.3	47.0	60.8	75.0	90.4	106.3	122.7
-57.5°	0.0	5.6	12.8	21.6	31.3	43.2	55.7	69.0	82.4	97.2	112.4
-60°	0.0	5.2	11.7	19.9	28.3	39.4	50.5	62.7	74.3	87.7	101.7
-62.5°	0.0	4.8	10.9	18.1	25.8	35.4	45.7	56.3	67.0	77.9	90.6
-65°	0.0	4.4	10.0	16.3	23.3	31.3	40.8	49.9	59.4	69.1	79.2
-67.5°	0.0	4.0	9.1	14.4	20.7	27.6	35.8	44.0	51.8	60.5	69.1
-70°	0.0	3.6	8.1	12.5	18.1	24.1	30.7	38.0	44.9	51.8	59.4
-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	64.2	67.9	71.4	74.7
75°	46.2	51.1	56.4	61.6	66.8	71.7	76.6	81.8	86.7	91.5	96.0
72.5°	56.3	62.7	69.0	75.1	81.8	88.3	94.6	100.7	106.6	112.8	119.3
70°	67.0	74.3	82.5	90.4	97.8	105.6	113.4	120.1	126.5	135.0	143.7
67.5°	77.9	87.9	97.2	106.1	116.0	125.2	133.1	141.6	150.7	160.5	169.1
65°	91.0	101.8	112.6	123.8	135.3	144.8	154.7	165.2	175.5	185.4	194.7
62.5°	103.8	116.1	128.5	140.7	152.4	163.9	175.8	187.6	198.9	210.3	220.4
60°	116.2	130.1	143.1	155.9	169.3	183.5	196.8	209.8	223.3	236.2	243.0
57.5°	128.1	142.9	156.6	171.0	186.6	202.7	216.6	231.4	243.0	251.9	260.7
55°	139.3	154.8	169.8	185.9	202.9	219.6	235.1	248.2	258.9	267.2	276.4
52.5°	149.8	166.1	182.4	200.1	218.1	235.9	252.2	264.4	274.1	282.5	291.2
50°	160.2	177.2	194.5	213.8	233.2	252.1	268.0	279.2	288.4	297.0	305.9
47.5°	170.3	188.2	206.8	227.4	248.4	266.6	281.7	292.0	301.2	311.3	321.1
45°	180.3	199.6	219.3	241.5	262.5	280.1	292.9	303.2	314.6	325.5	336.0
42.5°	190.0	210.9	232.2	255.2	275.5	291.4	303.3	315.5	327.8	339.4	351.3
40°	199.8	221.7	244.3	267.1	287.6	301.3	314.0	327.1	340.6	353.3	366.4
37.5°	209.2	231.8	255.2	278.2	296.8	310.7	323.9	338.4	352.6	366.5	383.6
35°	218.1	241.1	264.6	286.9	304.9	319.2	333.9	349.2	364.1	382.0	401.5
32.5°	226.0	249.4	273.2	294.1	311.6	327.1	343.6	359.5	377.5	397.7	421.0
30°	232.8	256.7	280.6	300.9	318.1	334.4	352.3	370.0	390.9	415.2	443.0
27.5°	238.7	263.2	286.5	306.8	324.2	340.5	359.4	381.6	405.6	432.9	465.5
25°	244.2	269.8	292.0	312.2	329.1	346.2	366.4	390.9	419.8	452.7	492.6
22.5°	249.4	276.1	297.6	317.3	333.0	351.4	374.2	400.8	432.3	470.8	519.4
20°	254.4	280.9	302.1	321.3	335.9	356.0	381.0	409.5	445.2	491.1	547.4
17.5°	259.0	284.9	305.6	323.7	339.7	360.9	387.1	416.5	456.5	509.6	573.1
15°	263.2	288.3	308.5	325.6	343.1	365.9	393.4	425.3	468.9	527.2	595.9
12.5°	266.9	291.1	310.6	327.1	345.8	370.1	399.0	434.4	482.3	544.6	624.8
10°	270.0	293.2	312.2	328.2	347.8	373.3	403.6	441.8	493.0	558.0	647.0
7.5°	272.7	294.9	313.2	328.8	349.2	375.5	407.3	447.5	500.4	567.6	663.1
5°	274.6	296.2	314.5	330.6	351.2	377.2	409.9	451.3	504.8	573.3	673.0
2.5°	275.6	297.0	315.2	332.4	353.4	378.7	411.9	455.6	508.3	578.8	680.7
0°	276.0	297.3	315.5	333.7	354.9	379.2	412.6	458.1	509.6	582.4	685.6
-2.5°	275.6	297.0	315.2	332.4	353.4	378.7	411.9	455.6	508.3	578.8	680.7
-5°	274.6	296.2	314.5	330.6	351.2	377.2	409.9	451.3	504.8	573.3	673.0
-7.5°	272.7	294.9	313.2	328.8	349.2	375.5	407.3	447.5	500.4	567.6	663.1
-10°	270.0	293.2	312.2	328.2	347.8	373.3	403.6	441.8	493.0	558.0	647.0
-12.5°	266.9	291.1	310.6	327.1	345.8	370.1	399.0	434.4	482.3	544.6	624.8
-15°	263.2	288.3	308.5	325.6	343.1	365.9	393.4	425.3	468.9	527.2	595.9
-17.5°	259.0	284.9	305.6	323.7	339.7	360.9	387.1	416.5	456.5	509.6	573.1
-20°	254.4	280.9	302.1	321.3	335.9	356.0	381.0	409.5	445.2	491.1	547.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627029 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-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°	249.4	276.1	297.6	317.3	333.0	351.4	374.2	400.8	432.3	470.8	519.4
-25°	244.2	269.8	292.0	312.2	329.1	346.2	366.4	390.9	419.8	452.7	492.6
-27.5°	238.7	263.2	286.5	306.8	324.2	340.5	359.4	381.6	405.6	432.9	465.5
-30°	232.8	256.7	280.6	300.9	318.1	334.4	352.3	370.0	390.9	415.2	443.0
-32.5°	226.0	249.4	273.2	294.1	311.6	327.1	343.6	359.5	377.5	397.7	421.0
-35°	218.1	241.1	264.6	286.9	304.9	319.2	333.9	349.2	364.1	382.0	401.5
-37.5°	209.2	231.8	255.2	278.2	296.8	310.7	323.9	338.4	352.6	366.5	383.6
-40°	199.8	221.7	244.3	267.1	287.6	301.3	314.0	327.1	340.6	353.3	366.4
-42.5°	190.0	210.9	232.2	255.2	275.5	291.4	303.3	315.5	327.8	339.4	351.3
-45°	180.3	199.6	219.3	241.5	262.5	280.1	292.9	303.2	314.6	325.5	336.0
-47.5°	170.3	188.2	206.8	227.4	248.4	266.6	281.7	292.0	301.2	311.3	321.1
-50°	160.2	177.2	194.5	213.8	233.2	252.1	268.0	279.2	288.4	297.0	305.9
-52.5°	149.8	166.1	182.4	200.1	218.1	235.9	252.2	264.4	274.1	282.5	291.2
-55°	139.3	154.8	169.8	185.9	202.9	219.6	235.1	248.2	258.9	267.2	276.4
-57.5°	128.1	142.9	156.6	171.0	186.6	202.7	216.6	231.4	243.0	251.9	260.7
-60°	116.2	130.1	143.1	155.9	169.3	183.5	196.8	209.8	223.3	236.2	243.0
-62.5°	103.8	116.1	128.5	140.7	152.4	163.9	175.8	187.6	198.9	210.3	220.4
-65°	91.0	101.8	112.6	123.8	135.3	144.8	154.7	165.2	175.5	185.4	194.7
-67.5°	77.9	87.9	97.2	106.1	116.0	125.2	133.1	141.6	150.7	160.5	169.1
-70°	67.0	74.3	82.5	90.4	97.8	105.6	113.4	120.1	126.5	135.0	143.7
-72.5°	56.3	62.7	69.0	75.1	81.8	88.3	94.6	100.7	106.6	112.8	119.3
-75°	46.2	51.1	56.4	61.6	66.8	71.7	76.6	81.8	86.7	91.5	96.0
-77.5°	36.6	40.6	44.6	48.5	52.3	56.4	60.4	64.2	67.9	71.4	74.7
-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: P627029 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-730-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	70.0	71.1	72.0	72.5	72.8	72.9
77.5°	78.1	82.2	86.4	90.5	94.6	96.9	98.5	99.9	101.0	101.3	101.1
75°	100.3	105.5	111.2	116.2	120.6	123.2	125.1	126.7	127.9	128.3	128.1
72.5°	126.1	132.5	137.6	141.8	145.5	148.4	150.7	152.7	154.3	155.0	155.0
70°	151.4	157.7	162.6	166.9	170.5	173.5	176.3	178.7	180.6	182.1	183.1
67.5°	177.1	184.3	189.3	193.2	196.3	199.4	203.1	206.3	209.0	210.8	211.7
65°	203.4	210.9	215.7	220.0	223.7	227.7	231.8	234.8	236.8	238.0	238.8
62.5°	228.9	235.9	242.0	247.7	253.1	257.6	260.4	262.9	265.1	266.9	268.3
60°	250.9	259.8	266.6	272.0	277.3	282.4	285.9	288.6	290.7	292.3	293.3
57.5°	269.6	278.6	286.6	291.9	297.7	303.8	307.8	310.1	312.2	314.0	314.9
55°	286.0	294.3	301.7	308.9	315.3	320.8	325.1	328.2	330.8	332.9	333.6
52.5°	300.7	309.8	318.5	326.1	332.4	337.7	341.9	345.8	348.7	350.8	351.7
50°	316.1	325.9	335.2	343.6	350.1	356.0	361.2	365.8	370.2	373.6	376.1
47.5°	331.3	341.8	352.1	361.3	369.1	377.6	385.2	391.7	398.1	403.2	406.8
45°	346.7	358.8	370.0	381.8	392.3	403.5	413.9	422.9	432.1	439.0	443.7
42.5°	363.8	377.5	390.9	405.6	420.0	434.6	450.3	464.4	475.3	485.5	493.7
40°	382.0	397.7	415.2	433.2	454.4	473.7	494.9	513.1	529.5	546.9	560.7
37.5°	401.5	421.0	444.0	468.2	495.7	522.1	549.7	576.8	600.5	628.5	649.9
35°	423.0	449.1	477.5	510.2	544.4	582.1	619.9	663.6	701.2	742.6	778.6
32.5°	448.4	479.6	516.9	560.0	603.9	661.1	714.6	784.2	844.4	910.0	976.2
30°	474.7	515.4	563.5	617.8	687.5	766.3	854.1	957.6	1064.3	1167.5	1292.1
27.5°	507.1	556.3	614.5	693.8	796.6	903.0	1053.9	1209.3	1405.4	1567.6	1796.3
25°	540.8	598.8	681.4	789.4	923.4	1108.1	1337.2	1585.5	1930.5	2233.7	2589.2
22.5°	577.6	655.7	758.6	891.8	1095.1	1378.6	1725.5	2192.9	2701.8	3242.2	3779.7
20°	615.8	710.4	845.2	1038.3	1317.2	1701.3	2296.7	3018.2	3745.3	4636.9	5426.4
17.5°	660.1	780.5	946.6	1188.1	1560.4	2148.6	2974.6	3981.9	5109.9	6391.8	7530.1
15°	697.0	840.5	1050.3	1388.1	1900.0	2655.5	3697.1	5082.8	6777.9	8499.6	10246.3
12.5°	739.9	905.9	1152.2	1555.0	2198.0	3202.0	4619.9	6373.8	8490.8	10878.8	13693.9
10°	777.9	970.0	1276.2	1774.8	2560.6	3772.0	5492.8	7602.8	10334.7	13770.6	18130.1
7.5°	806.1	1021.1	1372.0	1942.1	2874.1	4320.0	6317.5	8948.6	12420.0	16957.1	22940.2
5°	824.5	1058.0	1439.8	2071.2	3119.6	4727.8	6921.9	9903.2	14091.2	20508.0	30639.6
2.5°	835.4	1079.9	1478.5	2147.0	3268.8	4998.0	7381.6	10625.0	15174.3	22702.5	35591.8
0°	840.3	1086.0	1501.6	2187.1	3318.6	5102.3	7592.8	10953.9	15658.9	23215.3	36462.5
-2.5°	835.4	1079.9	1478.5	2147.0	3268.8	4998.0	7381.6	10625.0	15174.3	22702.5	35591.8
-5°	824.5	1058.0	1439.8	2071.2	3119.6	4727.8	6921.9	9903.2	14091.2	20508.0	30639.6
-7.5°	806.1	1021.1	1372.0	1942.1	2874.1	4320.0	6317.5	8948.6	12420.0	16957.1	22940.2
-10°	777.9	970.0	1276.2	1774.8	2560.6	3772.0	5492.8	7602.8	10334.7	13770.6	18130.1
-12.5°	739.9	905.9	1152.2	1555.0	2198.0	3202.0	4619.9	6373.8	8490.8	10878.8	13693.9
-15°	697.0	840.5	1050.3	1388.1	1900.0	2655.5	3697.1	5082.8	6777.9	8499.6	10246.3
-17.5°	660.1	780.5	946.6	1188.1	1560.4	2148.6	2974.6	3981.9	5109.9	6391.8	7530.1
-20°	615.8	710.4	845.2	1038.3	1317.2	1701.3	2296.7	3018.2	3745.3	4636.9	5426.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627029 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	577.6	655.7	758.6	891.8	1095.1	1378.6	1725.5	2192.9	2701.8	3242.2	3779.7
-25°	540.8	598.8	681.4	789.4	923.4	1108.1	1337.2	1585.5	1930.5	2233.7	2589.2
-27.5°	507.1	556.3	614.5	693.8	796.6	903.0	1053.9	1209.3	1405.4	1567.6	1796.3
-30°	474.7	515.4	563.5	617.8	687.5	766.3	854.1	957.6	1064.3	1167.5	1292.1
-32.5°	448.4	479.6	516.9	560.0	603.9	661.1	714.6	784.2	844.4	910.0	976.2
-35°	423.0	449.1	477.5	510.2	544.4	582.1	619.9	663.6	701.2	742.6	778.6
-37.5°	401.5	421.0	444.0	468.2	495.7	522.1	549.7	576.8	600.5	628.5	649.9
-40°	382.0	397.7	415.2	433.2	454.4	473.7	494.9	513.1	529.5	546.9	560.7
-42.5°	363.8	377.5	390.9	405.6	420.0	434.6	450.3	464.4	475.3	485.5	493.7
-45°	346.7	358.8	370.0	381.8	392.3	403.5	413.9	422.9	432.1	439.0	443.7
-47.5°	331.3	341.8	352.1	361.3	369.1	377.6	385.2	391.7	398.1	403.2	406.8
-50°	316.1	325.9	335.2	343.6	350.1	356.0	361.2	365.8	370.2	373.6	376.1
-52.5°	300.7	309.8	318.5	326.1	332.4	337.7	341.9	345.8	348.7	350.8	351.7
-55°	286.0	294.3	301.7	308.9	315.3	320.8	325.1	328.2	330.8	332.9	333.6
-57.5°	269.6	278.6	286.6	291.9	297.7	303.8	307.8	310.1	312.2	314.0	314.9
-60°	250.9	259.8	266.6	272.0	277.3	282.4	285.9	288.6	290.7	292.3	293.3
-62.5°	228.9	235.9	242.0	247.7	253.1	257.6	260.4	262.9	265.1	266.9	268.3
-65°	203.4	210.9	215.7	220.0	223.7	227.7	231.8	234.8	236.8	238.0	238.8
-67.5°	177.1	184.3	189.3	193.2	196.3	199.4	203.1	206.3	209.0	210.8	211.7
-70°	151.4	157.7	162.6	166.9	170.5	173.5	176.3	178.7	180.6	182.1	183.1
-72.5°	126.1	132.5	137.6	141.8	145.5	148.4	150.7	152.7	154.3	155.0	155.0
-75°	100.3	105.5	111.2	116.2	120.6	123.2	125.1	126.7	127.9	128.3	128.1
-77.5°	78.1	82.2	86.4	90.5	94.6	96.9	98.5	99.9	101.0	101.3	101.1
-80°	58.2	60.8	63.4	66.0	68.5	70.0	71.1	72.0	72.5	72.8	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: P627029 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-730-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°	72.7	72.4	71.2	69.8	71.2	72.4	72.7	72.9	72.8	72.5	72.0
77.5°	100.5	99.6	98.5	97.1	98.5	99.6	100.5	101.1	101.3	101.0	99.9
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°	183.8	184.1	183.4	182.0	183.4	184.1	183.8	183.1	182.1	180.6	178.7
67.5°	211.9	211.6	210.7	209.3	210.7	211.6	211.9	211.7	210.8	209.0	206.3
65°	239.1	238.8	239.3	239.6	239.3	238.8	239.1	238.8	238.0	236.8	234.8
62.5°	269.0	269.0	268.3	266.9	268.3	269.0	269.0	268.3	266.9	265.1	262.9
60°	293.7	293.5	292.6	291.2	292.6	293.5	293.7	293.3	292.3	290.7	288.6
57.5°	315.2	314.9	313.9	312.4	313.9	314.9	315.2	314.9	314.0	312.2	310.1
55°	333.7	333.3	332.3	330.7	332.3	333.3	333.7	333.6	332.9	330.8	328.2
52.5°	351.9	351.5	351.6	351.9	351.6	351.5	351.9	351.7	350.8	348.7	345.8
50°	377.6	378.1	377.7	376.2	377.7	378.1	377.6	376.1	373.6	370.2	365.8
47.5°	408.5	408.6	407.9	406.5	407.9	408.6	408.5	406.8	403.2	398.1	391.7
45°	447.4	449.6	450.2	449.0	450.2	449.6	447.4	443.7	439.0	432.1	422.9
42.5°	500.1	503.5	504.5	503.6	504.5	503.5	500.1	493.7	485.5	475.3	464.4
40°	569.2	573.1	573.9	573.3	573.9	573.1	569.2	560.7	546.9	529.5	513.1
37.5°	664.9	674.5	678.9	679.5	678.9	674.5	664.9	649.9	628.5	600.5	576.8
35°	806.1	825.2	835.4	840.3	835.4	825.2	806.1	778.6	742.6	701.2	663.6
32.5°	1026.3	1064.4	1085.6	1083.0	1085.6	1064.4	1026.3	976.2	910.0	844.4	784.2
30°	1385.9	1452.6	1486.2	1477.3	1486.2	1452.6	1385.9	1292.1	1167.5	1064.3	957.6
27.5°	1960.5	2081.1	2150.8	2141.6	2150.8	2081.1	1960.5	1796.3	1567.6	1405.4	1209.3
25°	2886.5	3106.5	3247.3	3212.5	3247.3	3106.5	2886.5	2589.2	2233.7	1930.5	1585.5
22.5°	4294.9	4667.7	4914.4	4883.9	4914.4	4667.7	4294.9	3779.7	3242.2	2701.8	2192.9
20°	6226.9	6794.2	7199.4	7253.1	7199.4	6794.2	6226.9	5426.4	4636.9	3745.3	3018.2
17.5°	8759.5	9659.0	10285.2	10389.7	10285.2	9659.0	8759.5	7530.1	6391.8	5109.9	3981.9
15°	12050.8	13521.1	14585.2	14673.0	14585.2	13521.1	12050.8	10246.3	8499.6	6777.9	5082.8
12.5°	16520.0	19477.1	21407.0	22256.7	21407.0	19477.1	16520.0	13693.9	10878.8	8490.8	6373.8
10°	22705.1	29497.4	33847.4	35482.7	33847.4	29497.4	22705.1	18130.1	13770.6	10334.7	7602.8
7.5°	33036.1	43700.3	55556.1	60609.1	55556.1	43700.3	33036.1	22940.2	16957.1	12420.0	8948.6
5°	44735.0	66867.6	87919.6	96140.4	87919.6	66867.6	44735.0	30639.6	20508.0	14091.2	9903.2
2.5°	57045.4	87894.9	116803.4	128108.8	116803.4	87894.9	57045.4	35591.8	22702.5	15174.3	10625.0
0°	61852.9	97102.0	128908.1	141585.1	128908.1	97102.0	61852.9	36462.5	23215.3	15658.9	10953.9
-2.5°	57045.4	87894.9	116803.4	128108.8	116803.4	87894.9	57045.4	35591.8	22702.5	15174.3	10625.0
-5°	44735.0	66867.6	87919.6	96140.4	87919.6	66867.6	44735.0	30639.6	20508.0	14091.2	9903.2
-7.5°	33036.1	43700.3	55556.1	60609.1	55556.1	43700.3	33036.1	22940.2	16957.1	12420.0	8948.6
-10°	22705.1	29497.4	33847.4	35482.7	33847.4	29497.4	22705.1	18130.1	13770.6	10334.7	7602.8
-12.5°	16520.0	19477.1	21407.0	22256.7	21407.0	19477.1	16520.0	13693.9	10878.8	8490.8	6373.8
-15°	12050.8	13521.1	14585.2	14673.0	14585.2	13521.1	12050.8	10246.3	8499.6	6777.9	5082.8
-17.5°	8759.5	9659.0	10285.2	10389.7	10285.2	9659.0	8759.5	7530.1	6391.8	5109.9	3981.9
-20°	6226.9	6794.2	7199.4	7253.1	7199.4	6794.2	6226.9	5426.4	4636.9	3745.3	3018.2



REPORT NUMBER: P627029 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-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°	4294.9	4667.7	4914.4	4883.9	4914.4	4667.7	4294.9	3779.7	3242.2	2701.8	2192.9
-25°	2886.5	3106.5	3247.3	3212.5	3247.3	3106.5	2886.5	2589.2	2233.7	1930.5	1585.5
-27.5°	1960.5	2081.1	2150.8	2141.6	2150.8	2081.1	1960.5	1796.3	1567.6	1405.4	1209.3
-30°	1385.9	1452.6	1486.2	1477.3	1486.2	1452.6	1385.9	1292.1	1167.5	1064.3	957.6
-32.5°	1026.3	1064.4	1085.6	1083.0	1085.6	1064.4	1026.3	976.2	910.0	844.4	784.2
-35°	806.1	825.2	835.4	840.3	835.4	825.2	806.1	778.6	742.6	701.2	663.6
-37.5°	664.9	674.5	678.9	679.5	678.9	674.5	664.9	649.9	628.5	600.5	576.8
-40°	569.2	573.1	573.9	573.3	573.9	573.1	569.2	560.7	546.9	529.5	513.1
-42.5°	500.1	503.5	504.5	503.6	504.5	503.5	500.1	493.7	485.5	475.3	464.4
-45°	447.4	449.6	450.2	449.0	450.2	449.6	447.4	443.7	439.0	432.1	422.9
-47.5°	408.5	408.6	407.9	406.5	407.9	408.6	408.5	406.8	403.2	398.1	391.7
-50°	377.6	378.1	377.7	376.2	377.7	378.1	377.6	376.1	373.6	370.2	365.8
-52.5°	351.9	351.5	351.6	351.9	351.6	351.5	351.9	351.7	350.8	348.7	345.8
-55°	333.7	333.3	332.3	330.7	332.3	333.3	333.7	333.6	332.9	330.8	328.2
-57.5°	315.2	314.9	313.9	312.4	313.9	314.9	315.2	314.9	314.0	312.2	310.1
-60°	293.7	293.5	292.6	291.2	292.6	293.5	293.7	293.3	292.3	290.7	288.6
-62.5°	269.0	269.0	268.3	266.9	268.3	269.0	269.0	268.3	266.9	265.1	262.9
-65°	239.1	238.8	239.3	239.6	239.3	238.8	239.1	238.8	238.0	236.8	234.8
-67.5°	211.9	211.6	210.7	209.3	210.7	211.6	211.9	211.7	210.8	209.0	206.3
-70°	183.8	184.1	183.4	182.0	183.4	184.1	183.8	183.1	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	101.0	99.9
-80°	72.7	72.4	71.2	69.8	71.2	72.4	72.7	72.9	72.8	72.5	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: P627029 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-730-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°	71.1	70.0	68.5	66.0	63.4	60.8	58.2	55.7	53.0	50.2	47.3
77.5°	98.5	96.9	94.6	90.5	86.4	82.2	78.1	74.7	71.4	67.9	64.2
75°	125.1	123.2	120.6	116.2	111.2	105.5	100.3	96.0	91.5	86.7	81.8
72.5°	150.7	148.4	145.5	141.8	137.6	132.5	126.1	119.3	112.8	106.6	100.7
70°	176.3	173.5	170.5	166.9	162.6	157.7	151.4	143.7	135.0	126.5	120.1
67.5°	203.1	199.4	196.3	193.2	189.3	184.3	177.1	169.1	160.5	150.7	141.6
65°	231.8	227.7	223.7	220.0	215.7	210.9	203.4	194.7	185.4	175.5	165.2
62.5°	260.4	257.6	253.1	247.7	242.0	235.9	228.9	220.4	210.3	198.9	187.6
60°	285.9	282.4	277.3	272.0	266.6	259.8	250.9	243.0	236.2	223.3	209.8
57.5°	307.8	303.8	297.7	291.9	286.6	278.6	269.6	260.7	251.9	243.0	231.4
55°	325.1	320.8	315.3	308.9	301.7	294.3	286.0	276.4	267.2	258.9	248.2
52.5°	341.9	337.7	332.4	326.1	318.5	309.8	300.7	291.2	282.5	274.1	264.4
50°	361.2	356.0	350.1	343.6	335.2	325.9	316.1	305.9	297.0	288.4	279.2
47.5°	385.2	377.6	369.1	361.3	352.1	341.8	331.3	321.1	311.3	301.2	292.0
45°	413.9	403.5	392.3	381.8	370.0	358.8	346.7	336.0	325.5	314.6	303.2
42.5°	450.3	434.6	420.0	405.6	390.9	377.5	363.8	351.3	339.4	327.8	315.5
40°	494.9	473.7	454.4	433.2	415.2	397.7	382.0	366.4	353.3	340.6	327.1
37.5°	549.7	522.1	495.7	468.2	444.0	421.0	401.5	383.6	366.5	352.6	338.4
35°	619.9	582.1	544.4	510.2	477.5	449.1	423.0	401.5	382.0	364.1	349.2
32.5°	714.6	661.1	603.9	560.0	516.9	479.6	448.4	421.0	397.7	377.5	359.5
30°	854.1	766.3	687.5	617.8	563.5	515.4	474.7	443.0	415.2	390.9	370.0
27.5°	1053.9	903.0	796.6	693.8	614.5	556.3	507.1	465.5	432.9	405.6	381.6
25°	1337.2	1108.1	923.4	789.4	681.4	598.8	540.8	492.6	452.7	419.8	390.9
22.5°	1725.5	1378.6	1095.1	891.8	758.6	655.7	577.6	519.4	470.8	432.3	400.8
20°	2296.7	1701.3	1317.2	1038.3	845.2	710.4	615.8	547.4	491.1	445.2	409.5
17.5°	2974.6	2148.6	1560.4	1188.1	946.6	780.5	660.1	573.1	509.6	456.5	416.5
15°	3697.1	2655.5	1900.0	1388.1	1050.3	840.5	697.0	595.9	527.2	468.9	425.3
12.5°	4619.9	3202.0	2198.0	1555.0	1152.2	905.9	739.9	624.8	544.6	482.3	434.4
10°	5492.8	3772.0	2560.6	1774.8	1276.2	970.0	777.9	647.0	558.0	493.0	441.8
7.5°	6317.5	4320.0	2874.1	1942.1	1372.0	1021.1	806.1	663.1	567.6	500.4	447.5
5°	6921.9	4727.8	3119.6	2071.2	1439.8	1058.0	824.5	673.0	573.3	504.8	451.3
2.5°	7381.6	4998.0	3268.8	2147.0	1478.5	1079.9	835.4	680.7	578.8	508.3	455.6
0°	7592.8	5102.3	3318.6	2187.1	1501.6	1086.0	840.3	685.6	582.4	509.6	458.1
-2.5°	7381.6	4998.0	3268.8	2147.0	1478.5	1079.9	835.4	680.7	578.8	508.3	455.6
-5°	6921.9	4727.8	3119.6	2071.2	1439.8	1058.0	824.5	673.0	573.3	504.8	451.3
-7.5°	6317.5	4320.0	2874.1	1942.1	1372.0	1021.1	806.1	663.1	567.6	500.4	447.5
-10°	5492.8	3772.0	2560.6	1774.8	1276.2	970.0	777.9	647.0	558.0	493.0	441.8
-12.5°	4619.9	3202.0	2198.0	1555.0	1152.2	905.9	739.9	624.8	544.6	482.3	434.4
-15°	3697.1	2655.5	1900.0	1388.1	1050.3	840.5	697.0	595.9	527.2	468.9	425.3
-17.5°	2974.6	2148.6	1560.4	1188.1	946.6	780.5	660.1	573.1	509.6	456.5	416.5
-20°	2296.7	1701.3	1317.2	1038.3	845.2	710.4	615.8	547.4	491.1	445.2	409.5



Classified

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

Scaled Data Report



REPORT NUMBER: P627029 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1725.5	1378.6	1095.1	891.8	758.6	655.7	577.6	519.4	470.8	432.3	400.8
-25°	1337.2	1108.1	923.4	789.4	681.4	598.8	540.8	492.6	452.7	419.8	390.9
-27.5°	1053.9	903.0	796.6	693.8	614.5	556.3	507.1	465.5	432.9	405.6	381.6
-30°	854.1	766.3	687.5	617.8	563.5	515.4	474.7	443.0	415.2	390.9	370.0
-32.5°	714.6	661.1	603.9	560.0	516.9	479.6	448.4	421.0	397.7	377.5	359.5
-35°	619.9	582.1	544.4	510.2	477.5	449.1	423.0	401.5	382.0	364.1	349.2
-37.5°	549.7	522.1	495.7	468.2	444.0	421.0	401.5	383.6	366.5	352.6	338.4
-40°	494.9	473.7	454.4	433.2	415.2	397.7	382.0	366.4	353.3	340.6	327.1
-42.5°	450.3	434.6	420.0	405.6	390.9	377.5	363.8	351.3	339.4	327.8	315.5
-45°	413.9	403.5	392.3	381.8	370.0	358.8	346.7	336.0	325.5	314.6	303.2
-47.5°	385.2	377.6	369.1	361.3	352.1	341.8	331.3	321.1	311.3	301.2	292.0
-50°	361.2	356.0	350.1	343.6	335.2	325.9	316.1	305.9	297.0	288.4	279.2
-52.5°	341.9	337.7	332.4	326.1	318.5	309.8	300.7	291.2	282.5	274.1	264.4
-55°	325.1	320.8	315.3	308.9	301.7	294.3	286.0	276.4	267.2	258.9	248.2
-57.5°	307.8	303.8	297.7	291.9	286.6	278.6	269.6	260.7	251.9	243.0	231.4
-60°	285.9	282.4	277.3	272.0	266.6	259.8	250.9	243.0	236.2	223.3	209.8
-62.5°	260.4	257.6	253.1	247.7	242.0	235.9	228.9	220.4	210.3	198.9	187.6
-65°	231.8	227.7	223.7	220.0	215.7	210.9	203.4	194.7	185.4	175.5	165.2
-67.5°	203.1	199.4	196.3	193.2	189.3	184.3	177.1	169.1	160.5	150.7	141.6
-70°	176.3	173.5	170.5	166.9	162.6	157.7	151.4	143.7	135.0	126.5	120.1
-72.5°	150.7	148.4	145.5	141.8	137.6	132.5	126.1	119.3	112.8	106.6	100.7
-75°	125.1	123.2	120.6	116.2	111.2	105.5	100.3	96.0	91.5	86.7	81.8
-77.5°	98.5	96.9	94.6	90.5	86.4	82.2	78.1	74.7	71.4	67.9	64.2
-80°	71.1	70.0	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: P627029 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-730-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°	76.6	71.7	66.8	61.6	56.4	51.1	46.2	41.2	36.1	31.0	26.4
72.5°	94.6	88.3	81.8	75.1	69.0	62.7	56.3	49.9	44.0	38.0	31.9
70°	113.4	105.6	97.8	90.4	82.5	74.3	67.0	59.4	51.8	44.9	38.0
67.5°	133.1	125.2	116.0	106.1	97.2	87.9	77.9	69.1	60.5	51.8	44.0
65°	154.7	144.8	135.3	123.8	112.6	101.8	91.0	79.2	69.1	59.4	49.9
62.5°	175.8	163.9	152.4	140.7	128.5	116.1	103.8	90.6	77.9	67.0	56.3
60°	196.8	183.5	169.3	155.9	143.1	130.1	116.2	101.7	87.7	74.3	62.7
57.5°	216.6	202.7	186.6	171.0	156.6	142.9	128.1	112.4	97.2	82.4	69.0
55°	235.1	219.6	202.9	185.9	169.8	154.8	139.3	122.7	106.3	90.4	75.0
52.5°	252.2	235.9	218.1	200.1	182.4	166.1	149.8	132.6	115.1	98.1	81.5
50°	268.0	252.1	233.2	213.8	194.5	177.2	160.2	142.1	123.5	105.5	87.9
47.5°	281.7	266.6	248.4	227.4	206.8	188.2	170.3	151.4	131.4	112.5	94.0
45°	292.9	280.1	262.5	241.5	219.3	199.6	180.3	160.5	139.6	119.3	99.9
42.5°	303.3	291.4	275.5	255.2	232.2	210.9	190.0	169.3	147.6	125.7	105.6
40°	314.0	301.3	287.6	267.1	244.3	221.7	199.8	177.9	155.2	132.1	111.0
37.5°	323.9	310.7	296.8	278.2	255.2	231.8	209.2	186.2	162.4	138.5	116.1
35°	333.9	319.2	304.9	286.9	264.6	241.1	218.1	194.2	169.1	144.4	120.9
32.5°	343.6	327.1	311.6	294.1	273.2	249.4	226.0	201.1	175.4	149.8	125.4
30°	352.3	334.4	318.1	300.9	280.6	256.7	232.8	207.4	181.3	154.8	129.7
27.5°	359.4	340.5	324.2	306.8	286.5	263.2	238.7	213.1	186.7	159.4	133.7
25°	366.4	346.2	329.1	312.2	292.0	269.8	244.2	218.1	191.4	163.7	137.3
22.5°	374.2	351.4	333.0	317.3	297.6	276.1	249.4	222.5	195.5	167.6	140.6
20°	381.0	356.0	335.9	321.3	302.1	280.9	254.4	226.5	199.0	171.1	143.4
17.5°	387.1	360.9	339.7	323.7	305.6	284.9	259.0	230.0	202.0	174.1	145.8
15°	393.4	365.9	343.1	325.6	308.5	288.3	263.2	233.0	204.4	176.6	147.9
12.5°	399.0	370.1	345.8	327.1	310.6	291.1	266.9	235.5	206.3	178.8	149.9
10°	403.6	373.3	347.8	328.2	312.2	293.2	270.0	238.0	208.3	180.4	151.6
7.5°	407.3	375.5	349.2	328.8	313.2	294.9	272.7	240.8	210.0	181.6	152.9
5°	409.9	377.2	351.2	330.6	314.5	296.2	274.6	243.0	211.3	182.2	153.9
2.5°	411.9	378.7	353.4	332.4	315.2	297.0	275.6	244.7	212.0	182.3	154.5
0°	412.6	379.2	354.9	333.7	315.5	297.3	276.0	245.7	212.3	182.0	154.7
-2.5°	411.9	378.7	353.4	332.4	315.2	297.0	275.6	244.7	212.0	182.3	154.5
-5°	409.9	377.2	351.2	330.6	314.5	296.2	274.6	243.0	211.3	182.2	153.9
-7.5°	407.3	375.5	349.2	328.8	313.2	294.9	272.7	240.8	210.0	181.6	152.9
-10°	403.6	373.3	347.8	328.2	312.2	293.2	270.0	238.0	208.3	180.4	151.6
-12.5°	399.0	370.1	345.8	327.1	310.6	291.1	266.9	235.5	206.3	178.8	149.9
-15°	393.4	365.9	343.1	325.6	308.5	288.3	263.2	233.0	204.4	176.6	147.9
-17.5°	387.1	360.9	339.7	323.7	305.6	284.9	259.0	230.0	202.0	174.1	145.8
-20°	381.0	356.0	335.9	321.3	302.1	280.9	254.4	226.5	199.0	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	351.4	333.0	317.3	297.6	276.1	249.4	222.5	195.5	167.6	140.6
-25°	366.4	346.2	329.1	312.2	292.0	269.8	244.2	218.1	191.4	163.7	137.3
-27.5°	359.4	340.5	324.2	306.8	286.5	263.2	238.7	213.1	186.7	159.4	133.7
-30°	352.3	334.4	318.1	300.9	280.6	256.7	232.8	207.4	181.3	154.8	129.7
-32.5°	343.6	327.1	311.6	294.1	273.2	249.4	226.0	201.1	175.4	149.8	125.4
-35°	333.9	319.2	304.9	286.9	264.6	241.1	218.1	194.2	169.1	144.4	120.9
-37.5°	323.9	310.7	296.8	278.2	255.2	231.8	209.2	186.2	162.4	138.5	116.1
-40°	314.0	301.3	287.6	267.1	244.3	221.7	199.8	177.9	155.2	132.1	111.0
-42.5°	303.3	291.4	275.5	255.2	232.2	210.9	190.0	169.3	147.6	125.7	105.6
-45°	292.9	280.1	262.5	241.5	219.3	199.6	180.3	160.5	139.6	119.3	99.9
-47.5°	281.7	266.6	248.4	227.4	206.8	188.2	170.3	151.4	131.4	112.5	94.0
-50°	268.0	252.1	233.2	213.8	194.5	177.2	160.2	142.1	123.5	105.5	87.9
-52.5°	252.2	235.9	218.1	200.1	182.4	166.1	149.8	132.6	115.1	98.1	81.5
-55°	235.1	219.6	202.9	185.9	169.8	154.8	139.3	122.7	106.3	90.4	75.0
-57.5°	216.6	202.7	186.6	171.0	156.6	142.9	128.1	112.4	97.2	82.4	69.0
-60°	196.8	183.5	169.3	155.9	143.1	130.1	116.2	101.7	87.7	74.3	62.7
-62.5°	175.8	163.9	152.4	140.7	128.5	116.1	103.8	90.6	77.9	67.0	56.3
-65°	154.7	144.8	135.3	123.8	112.6	101.8	91.0	79.2	69.1	59.4	49.9
-67.5°	133.1	125.2	116.0	106.1	97.2	87.9	77.9	69.1	60.5	51.8	44.0
-70°	113.4	105.6	97.8	90.4	82.5	74.3	67.0	59.4	51.8	44.9	38.0
-72.5°	94.6	88.3	81.8	75.1	69.0	62.7	56.3	49.9	44.0	38.0	31.9
-75°	76.6	71.7	66.8	61.6	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°	60.8	47.0	34.3	23.3	13.9	5.9	0.0
52.5°	65.8	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°	75.4	58.6	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°	85.3	65.9	47.8	31.8	18.8	7.5	0.0
40°	89.9	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°	102.2	79.0	57.6	38.5	22.1	8.4	0.0
30°	105.8	82.0	59.7	39.9	22.8	8.5	0.0
27.5°	109.1	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°	109.1	84.7	61.7	41.3	23.5	8.7	0.0
-30°	105.8	82.0	59.7	39.9	22.8	8.5	0.0
-32.5°	102.2	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°	89.9	69.3	50.4	33.6	19.7	7.7	0.0
-42.5°	85.3	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°	75.4	58.6	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°	65.8	50.7	37.3	24.8	14.9	6.3	0.0
-55°	60.8	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)