

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: P626869 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-740-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626869 (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-SA2B-740-U-NR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N49  
Light Source: (32) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

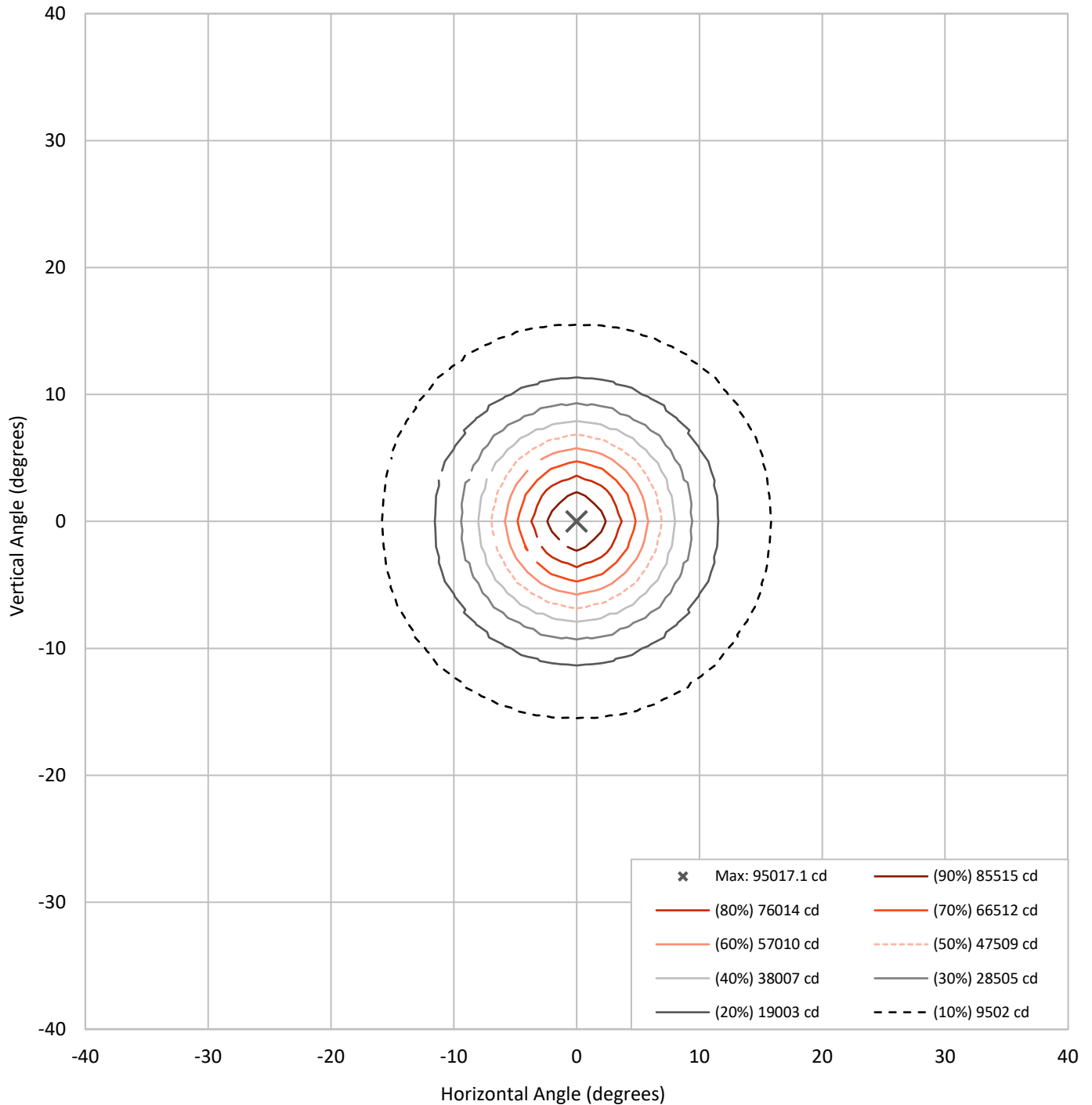
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	10089.4 lumens	Max Intensity:	95017.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	158.6 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:	2983 lumens	Field Lumens:	6713 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	63.6		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





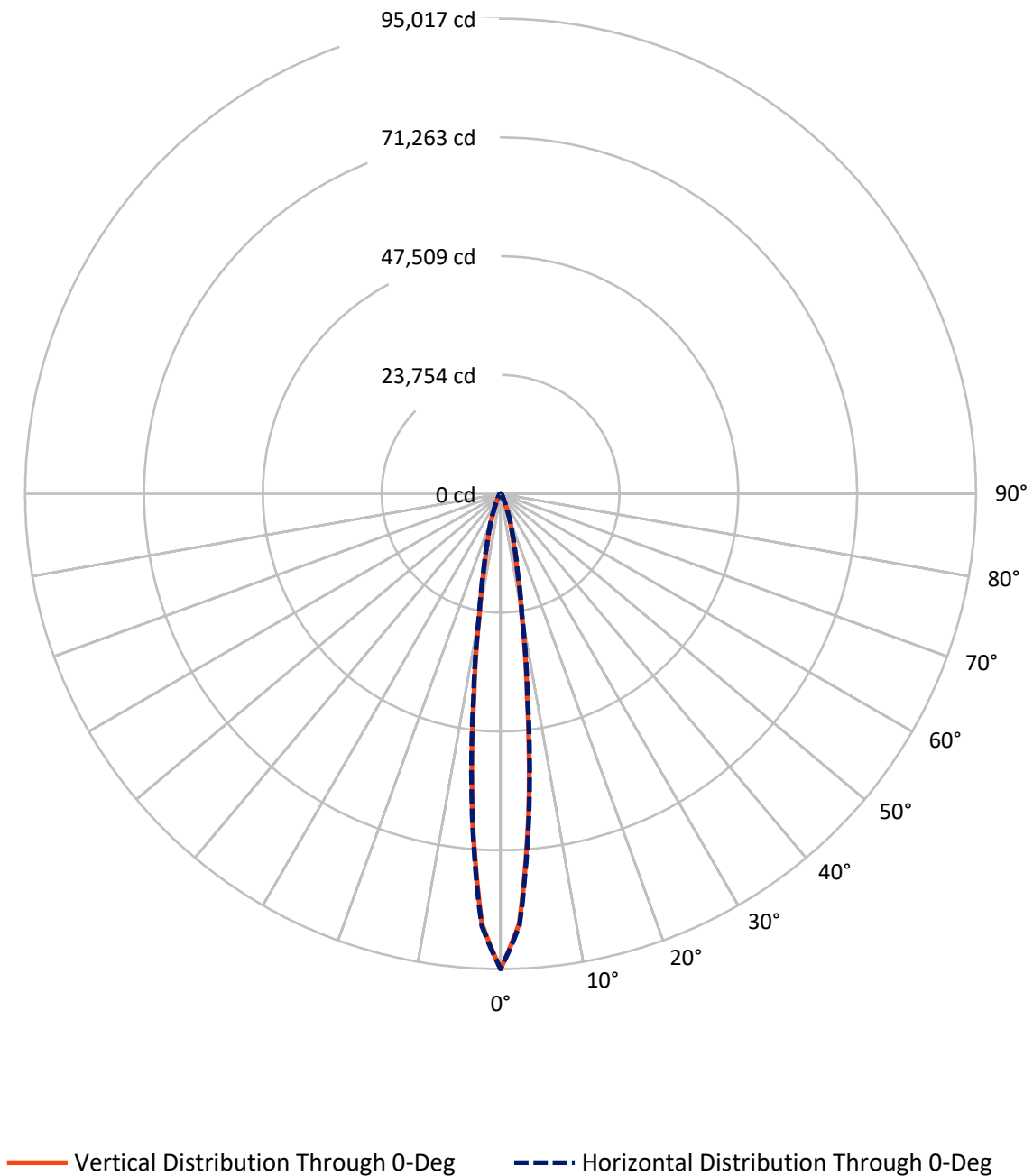
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### Lumen Table

90	0.2	1.4	3.6	5.9	6.4	5.9	3.6	1.4	0.2							
80	0.2	1.4	3.6	5.9	6.4	5.9	3.6	1.4	0.2							
70	0.6	0.7	1.5	2.4	3.4	4.1	4.7	4.9	4.9	4.7	4.1	3.4	2.4	1.5	0.7	0.6
60		1.1	2.2	3.6	4.8	5.8	6.5	6.8	6.8	6.5	5.8	4.8	3.6	2.2	1.1	
50	1.1	1.4	2.8	4.4	5.8	7.3	8.6	9.3	9.3	8.6	7.3	5.8	4.4	2.8	1.4	1.1
40		1.7	3.3	5.1	7.2	10.3	14.5	18.0	18.0	14.5	10.3	7.2	5.1	3.3	1.7	
30	1.4	1.9	3.6	5.7	9.3	18.4	42.0	69.5	69.5	42.0	18.4	9.3	5.7	3.6	1.9	1.4
20		2.0	3.8	6.3	12.3	39.1	139.0	299.4	299.4	139.0	39.1	12.3	6.3	3.8	2.0	
10	1.5	2.1	3.9	6.7	14.9	64.5	302.2	1305.3	1305.3	302.2	64.5	14.9	6.7	3.9	2.1	1.5
0		2.1	3.9	6.7	14.9	64.5	302.2	1305.3	1305.3	302.2	64.5	14.9	6.7	3.9	2.1	
-10	1.4	2.0	3.8	6.3	12.3	39.1	139.0	299.4	299.4	139.0	39.1	12.3	6.3	3.8	2.0	1.4
-20		1.9	3.6	5.7	9.3	18.4	42.0	69.5	69.5	42.0	18.4	9.3	5.7	3.6	1.9	
-30	1.1	1.7	3.3	5.1	7.2	10.3	14.5	18.0	18.0	14.5	10.3	7.2	5.1	3.3	1.7	1.1
-40		1.4	2.8	4.4	5.8	7.3	8.6	9.3	9.3	8.6	7.3	5.8	4.4	2.8	1.4	
-50	0.6	1.1	2.2	3.6	4.8	5.8	6.5	6.8	6.8	6.5	5.8	4.8	3.6	2.2	1.1	0.6
-60		0.7	1.5	2.4	3.4	4.1	4.7	4.9	4.9	4.7	4.1	3.4	2.4	1.5	0.7	
-70	0.2	1.4	3.6	5.9	6.4	5.9	3.6	1.4	0.2							
-80		0.2	1.4	3.6	5.9	6.4	5.9	3.6	1.4	0.2						
-90	0.2	1.4	3.6	5.9	6.4	5.9	3.6	1.4	0.2							

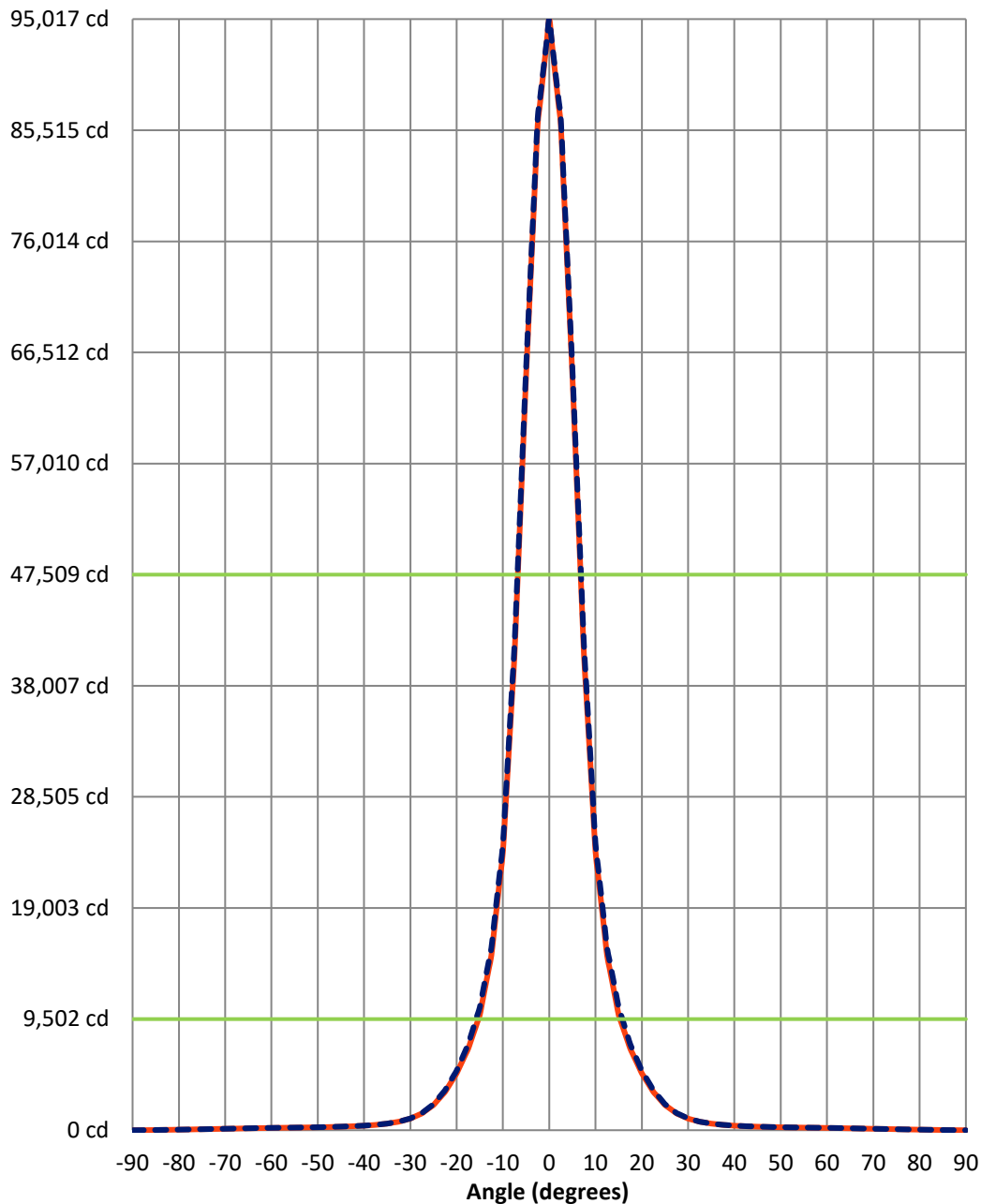
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.7°  
 V Angle: 13.6°  
 Lumens: 2983  
 Efficiency: 29.6%

**Field:**  
 H Angle: 31.6°  
 V Angle: 30.6°  
 Lumens: 6713  
 Efficiency: 66.5%

**Spill:**  
 Lumens: 3376.4  
 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	0.3	0.7	1.1	1.4	1.8	2.1	2.4	2.8	3.1	3.4
85°	0.0	0.6	1.4	2.1	2.8	3.5	4.2	4.9	5.5	6.2	6.8
82.5°	0.0	0.9	2.1	3.2	4.2	5.2	6.3	7.3	8.4	9.9	11.4
80°	0.0	1.2	2.8	4.2	5.6	7.0	8.5	10.5	12.6	14.5	16.5
77.5°	0.0	1.5	3.5	5.2	7.0	9.0	11.6	14.2	16.7	19.2	21.8
75°	0.0	1.8	4.2	6.3	8.4	11.4	14.6	17.8	20.8	24.3	27.7
72.5°	0.0	2.1	4.8	7.3	10.3	13.8	17.7	21.5	25.5	29.5	33.5
70°	0.0	2.4	5.5	8.3	12.1	16.2	20.7	25.5	30.2	34.7	39.9
67.5°	0.0	2.7	6.1	9.6	13.9	18.5	24.1	29.5	34.7	40.6	46.4
65°	0.0	3.0	6.7	10.9	15.7	21.0	27.4	33.5	39.9	46.4	53.2
62.5°	0.0	3.2	7.3	12.1	17.3	23.8	30.7	37.7	44.9	52.3	60.9
60°	0.0	3.5	7.8	13.3	19.0	26.4	33.8	42.1	49.9	58.9	68.3
57.5°	0.0	3.7	8.6	14.5	21.0	29.0	37.4	46.3	55.3	65.2	75.5
55°	0.0	4.0	9.3	15.6	23.1	31.6	40.8	50.4	60.7	71.4	82.4
52.5°	0.0	4.2	10.0	16.7	25.0	34.1	44.2	54.7	65.9	77.2	89.0
50°	0.0	4.4	10.7	17.7	26.9	36.8	47.5	59.0	70.8	82.8	95.3
47.5°	0.0	4.6	11.3	18.8	28.7	39.4	50.6	63.1	75.5	88.2	101.6
45°	0.0	4.8	12.0	20.1	30.5	41.9	54.0	67.1	80.0	93.7	107.7
42.5°	0.0	5.0	12.6	21.3	32.1	44.3	57.3	70.9	84.4	99.0	113.6
40°	0.0	5.2	13.2	22.5	33.8	46.5	60.4	74.5	88.6	104.2	119.4
37.5°	0.0	5.3	13.8	23.7	35.6	48.7	63.3	77.9	92.9	109.0	125.0
35°	0.0	5.5	14.3	24.8	37.2	50.9	66.0	81.1	96.9	113.5	130.4
32.5°	0.0	5.6	14.8	25.9	38.7	53.0	68.6	84.2	100.5	117.7	135.0
30°	0.0	5.7	15.3	26.8	40.1	55.0	71.0	87.0	103.9	121.7	139.2
27.5°	0.0	5.8	15.7	27.7	41.5	56.9	73.3	89.7	107.0	125.3	143.0
25°	0.0	5.9	16.2	28.6	42.7	58.6	75.3	92.2	109.9	128.5	146.4
22.5°	0.0	6.0	16.6	29.3	43.9	60.1	77.1	94.3	112.5	131.2	149.4
20°	0.0	6.1	16.9	30.0	44.9	61.4	78.8	96.2	114.8	133.6	152.0
17.5°	0.0	6.1	17.2	30.6	45.9	62.5	80.1	97.8	116.9	135.6	154.4
15°	0.0	6.1	17.5	31.1	46.7	63.4	81.3	99.3	118.6	137.2	156.4
12.5°	0.0	6.2	17.7	31.6	47.3	64.2	82.2	100.6	120.0	138.5	158.1
10°	0.0	6.2	17.9	31.9	47.9	64.7	82.9	101.7	121.1	139.8	159.7
7.5°	0.0	6.2	18.1	32.2	48.3	65.1	83.3	102.6	121.9	140.9	161.6
5°	0.0	6.2	18.2	32.4	48.6	65.2	83.6	103.3	122.3	141.8	163.1
2.5°	0.0	6.1	18.3	32.6	48.8	65.3	83.7	103.7	122.3	142.3	164.2
0°	0.0	6.1	18.3	32.6	48.9	65.1	83.5	103.8	122.1	142.5	164.9
-2.5°	0.0	6.1	18.3	32.6	48.8	65.3	83.7	103.7	122.3	142.3	164.2
-5°	0.0	6.2	18.2	32.4	48.6	65.2	83.6	103.3	122.3	141.8	163.1
-7.5°	0.0	6.2	18.1	32.2	48.3	65.1	83.3	102.6	121.9	140.9	161.6
-10°	0.0	6.2	17.9	31.9	47.9	64.7	82.9	101.7	121.1	139.8	159.7
-12.5°	0.0	6.2	17.7	31.6	47.3	64.2	82.2	100.6	120.0	138.5	158.1
-15°	0.0	6.1	17.5	31.1	46.7	63.4	81.3	99.3	118.6	137.2	156.4
-17.5°	0.0	6.1	17.2	30.6	45.9	62.5	80.1	97.8	116.9	135.6	154.4
-20°	0.0	6.1	16.9	30.0	44.9	61.4	78.8	96.2	114.8	133.6	152.0

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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	6.0	16.6	29.3	43.9	60.1	77.1	94.3	112.5	131.2	149.4
-25°	0.0	5.9	16.2	28.6	42.7	58.6	75.3	92.2	109.9	128.5	146.4
-27.5°	0.0	5.8	15.7	27.7	41.5	56.9	73.3	89.7	107.0	125.3	143.0
-30°	0.0	5.7	15.3	26.8	40.1	55.0	71.0	87.0	103.9	121.7	139.2
-32.5°	0.0	5.6	14.8	25.9	38.7	53.0	68.6	84.2	100.5	117.7	135.0
-35°	0.0	5.5	14.3	24.8	37.2	50.9	66.0	81.1	96.9	113.5	130.4
-37.5°	0.0	5.3	13.8	23.7	35.6	48.7	63.3	77.9	92.9	109.0	125.0
-40°	0.0	5.2	13.2	22.5	33.8	46.5	60.4	74.5	88.6	104.2	119.4
-42.5°	0.0	5.0	12.6	21.3	32.1	44.3	57.3	70.9	84.4	99.0	113.6
-45°	0.0	4.8	12.0	20.1	30.5	41.9	54.0	67.1	80.0	93.7	107.7
-47.5°	0.0	4.6	11.3	18.8	28.7	39.4	50.6	63.1	75.5	88.2	101.6
-50°	0.0	4.4	10.7	17.7	26.9	36.8	47.5	59.0	70.8	82.8	95.3
-52.5°	0.0	4.2	10.0	16.7	25.0	34.1	44.2	54.7	65.9	77.2	89.0
-55°	0.0	4.0	9.3	15.6	23.1	31.6	40.8	50.4	60.7	71.4	82.4
-57.5°	0.0	3.7	8.6	14.5	21.0	29.0	37.4	46.3	55.3	65.2	75.5
-60°	0.0	3.5	7.8	13.3	19.0	26.4	33.8	42.1	49.9	58.9	68.3
-62.5°	0.0	3.2	7.3	12.1	17.3	23.8	30.7	37.7	44.9	52.3	60.9
-65°	0.0	3.0	6.7	10.9	15.7	21.0	27.4	33.5	39.9	46.4	53.2
-67.5°	0.0	2.7	6.1	9.6	13.9	18.5	24.1	29.5	34.7	40.6	46.4
-70°	0.0	2.4	5.5	8.3	12.1	16.2	20.7	25.5	30.2	34.7	39.9
-72.5°	0.0	2.1	4.8	7.3	10.3	13.8	17.7	21.5	25.5	29.5	33.5
-75°	0.0	1.8	4.2	6.3	8.4	11.4	14.6	17.8	20.8	24.3	27.7
-77.5°	0.0	1.5	3.5	5.2	7.0	9.0	11.6	14.2	16.7	19.2	21.8
-80°	0.0	1.2	2.8	4.2	5.6	7.0	8.5	10.5	12.6	14.5	16.5
-82.5°	0.0	0.9	2.1	3.2	4.2	5.2	6.3	7.3	8.4	9.9	11.4
-85°	0.0	0.6	1.4	2.1	2.8	3.5	4.2	4.9	5.5	6.2	6.8
-87.5°	0.0	0.3	0.7	1.1	1.4	1.8	2.1	2.4	2.8	3.1	3.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-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°	3.7	4.0	4.4	4.6	4.9	5.2	5.5	5.7	6.0	6.2	6.4
85°	7.5	8.1	9.0	9.9	10.7	11.3	11.9	12.3	13.2	14.1	15.0
82.5°	12.8	14.2	15.6	16.9	17.8	18.6	19.2	20.3	22.1	23.8	25.4
80°	18.4	20.3	22.4	24.5	26.2	28.0	29.8	31.7	33.7	35.5	37.3
77.5°	24.6	27.3	29.9	32.5	35.1	37.8	40.5	43.1	45.6	47.9	50.2
75°	31.0	34.2	37.8	41.4	44.8	48.1	51.4	54.9	58.2	61.4	64.4
72.5°	37.7	42.1	46.3	50.5	54.9	59.3	63.5	67.6	71.5	75.7	80.0
70°	44.9	49.9	55.4	60.7	65.7	70.9	76.1	80.6	84.9	90.6	96.5
67.5°	52.3	59.0	65.3	71.2	77.9	84.0	89.3	95.0	101.1	107.8	113.6
65°	61.1	68.4	75.6	83.1	90.8	97.2	103.9	111.0	117.9	124.5	130.7
62.5°	69.7	77.9	86.2	94.4	102.3	110.0	118.1	125.9	133.5	141.2	147.9
60°	78.0	87.3	96.1	104.7	113.6	123.2	132.1	140.8	149.9	158.6	163.1
57.5°	86.0	95.9	105.1	114.8	125.3	136.1	145.4	155.3	163.1	169.1	174.9
55°	93.5	103.8	113.9	124.8	136.2	147.4	157.8	166.6	173.8	179.3	185.5
52.5°	100.5	111.5	122.5	134.3	146.4	158.3	169.2	177.5	184.0	189.6	195.4
50°	107.5	119.0	130.6	143.5	156.5	169.2	179.9	187.4	193.6	199.3	205.3
47.5°	114.3	126.4	138.8	152.6	166.7	179.0	189.1	196.0	202.1	208.9	215.5
45°	121.0	134.0	147.2	162.1	176.2	188.0	196.6	203.5	211.1	218.5	225.5
42.5°	127.5	141.5	155.9	171.3	184.9	195.6	203.6	211.8	220.0	227.8	235.7
40°	134.1	148.8	164.0	179.3	193.1	202.2	210.7	219.5	228.6	237.1	245.9
37.5°	140.4	155.6	171.3	186.8	199.2	208.5	217.3	227.1	236.6	245.9	257.3
35°	146.4	161.8	177.6	192.6	204.6	214.2	224.1	234.4	244.3	256.3	269.4
32.5°	151.7	167.4	183.4	197.4	209.1	219.5	230.6	241.2	253.2	266.8	282.5
30°	156.2	172.3	188.4	201.9	213.4	224.4	236.5	248.2	262.3	278.6	297.2
27.5°	160.2	176.7	192.3	205.9	217.6	228.6	241.2	256.0	272.1	290.5	312.4
25°	163.9	181.1	196.0	209.5	220.9	232.3	245.8	262.3	281.7	303.7	330.6
22.5°	167.4	185.4	199.7	212.9	223.5	235.8	251.0	268.9	290.1	315.9	348.6
20°	170.8	188.5	202.7	215.6	225.4	238.9	255.6	274.8	298.8	329.6	367.4
17.5°	173.9	191.2	205.1	217.2	228.0	242.1	259.7	279.5	306.3	342.0	384.6
15°	176.7	193.5	207.0	218.5	230.2	245.5	263.9	285.4	314.7	353.8	399.9
12.5°	179.1	195.4	208.5	219.5	232.0	248.3	267.7	291.5	323.7	365.5	419.3
10°	181.3	196.8	209.5	220.2	233.4	250.5	270.9	296.5	330.8	374.5	434.2
7.5°	183.1	197.9	210.2	220.6	234.3	252.0	273.3	300.3	335.8	380.9	445.0
5°	184.3	198.8	211.0	221.8	235.6	253.2	275.1	302.9	338.8	384.7	451.6
2.5°	185.1	199.3	211.5	223.0	237.2	254.2	276.5	305.8	341.2	388.4	456.8
0°	185.3	199.5	211.7	223.9	238.2	254.5	276.9	307.4	342.0	390.9	460.1
-2.5°	185.1	199.3	211.5	223.0	237.2	254.2	276.5	305.8	341.2	388.4	456.8
-5°	184.3	198.8	211.0	221.8	235.6	253.2	275.1	302.9	338.8	384.7	451.6
-7.5°	183.1	197.9	210.2	220.6	234.3	252.0	273.3	300.3	335.8	380.9	445.0
-10°	181.3	196.8	209.5	220.2	233.4	250.5	270.9	296.5	330.8	374.5	434.2
-12.5°	179.1	195.4	208.5	219.5	232.0	248.3	267.7	291.5	323.7	365.5	419.3
-15°	176.7	193.5	207.0	218.5	230.2	245.5	263.9	285.4	314.7	353.8	399.9
-17.5°	173.9	191.2	205.1	217.2	228.0	242.1	259.7	279.5	306.3	342.0	384.6
-20°	170.8	188.5	202.7	215.6	225.4	238.9	255.6	274.8	298.8	329.6	367.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626869 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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°	167.4	185.4	199.7	212.9	223.5	235.8	251.0	268.9	290.1	315.9	348.6
-25°	163.9	181.1	196.0	209.5	220.9	232.3	245.8	262.3	281.7	303.7	330.6
-27.5°	160.2	176.7	192.3	205.9	217.6	228.6	241.2	256.0	272.1	290.5	312.4
-30°	156.2	172.3	188.4	201.9	213.4	224.4	236.5	248.2	262.3	278.6	297.2
-32.5°	151.7	167.4	183.4	197.4	209.1	219.5	230.6	241.2	253.2	266.8	282.5
-35°	146.4	161.8	177.6	192.6	204.6	214.2	224.1	234.4	244.3	256.3	269.4
-37.5°	140.4	155.6	171.3	186.8	199.2	208.5	217.3	227.1	236.6	245.9	257.3
-40°	134.1	148.8	164.0	179.3	193.1	202.2	210.7	219.5	228.6	237.1	245.9
-42.5°	127.5	141.5	155.9	171.3	184.9	195.6	203.6	211.8	220.0	227.8	235.7
-45°	121.0	134.0	147.2	162.1	176.2	188.0	196.6	203.5	211.1	218.5	225.5
-47.5°	114.3	126.4	138.8	152.6	166.7	179.0	189.1	196.0	202.1	208.9	215.5
-50°	107.5	119.0	130.6	143.5	156.5	169.2	179.9	187.4	193.6	199.3	205.3
-52.5°	100.5	111.5	122.5	134.3	146.4	158.3	169.2	177.5	184.0	189.6	195.4
-55°	93.5	103.8	113.9	124.8	136.2	147.4	157.8	166.6	173.8	179.3	185.5
-57.5°	86.0	95.9	105.1	114.8	125.3	136.1	145.4	155.3	163.1	169.1	174.9
-60°	78.0	87.3	96.1	104.7	113.6	123.2	132.1	140.8	149.9	158.6	163.1
-62.5°	69.7	77.9	86.2	94.4	102.3	110.0	118.1	125.9	133.5	141.2	147.9
-65°	61.1	68.4	75.6	83.1	90.8	97.2	103.9	111.0	117.9	124.5	130.7
-67.5°	52.3	59.0	65.3	71.2	77.9	84.0	89.3	95.0	101.1	107.8	113.6
-70°	44.9	49.9	55.4	60.7	65.7	70.9	76.1	80.6	84.9	90.6	96.5
-72.5°	37.7	42.1	46.3	50.5	54.9	59.3	63.5	67.6	71.5	75.7	80.0
-75°	31.0	34.2	37.8	41.4	44.8	48.1	51.4	54.9	58.2	61.4	64.4
-77.5°	24.6	27.3	29.9	32.5	35.1	37.8	40.5	43.1	45.6	47.9	50.2
-80°	18.4	20.3	22.4	24.5	26.2	28.0	29.8	31.7	33.7	35.5	37.3
-82.5°	12.8	14.2	15.6	16.9	17.8	18.6	19.2	20.3	22.1	23.8	25.4
-85°	7.5	8.1	9.0	9.9	10.7	11.3	11.9	12.3	13.2	14.1	15.0
-87.5°	3.7	4.0	4.4	4.6	4.9	5.2	5.5	5.7	6.0	6.2	6.4
-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: P626869 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-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°	6.6	6.8	7.0	7.2	7.3	7.5	7.6	7.7	7.8	7.4	7.0
85°	15.9	16.5	17.1	17.6	18.1	18.5	18.9	19.3	19.6	19.3	19.0
82.5°	26.8	27.9	28.9	29.8	30.6	31.3	32.0	32.6	33.1	33.1	33.0
80°	39.0	40.8	42.5	44.2	45.9	47.0	47.7	48.3	48.7	48.9	48.9
77.5°	52.5	55.1	58.0	60.7	63.4	65.0	66.1	67.1	67.8	68.0	67.9
75°	67.3	70.8	74.6	78.0	80.9	82.7	84.0	85.0	85.9	86.1	86.0
72.5°	84.6	88.9	92.3	95.2	97.6	99.6	101.1	102.5	103.5	104.0	104.0
70°	101.6	105.9	109.1	112.0	114.4	116.4	118.3	119.9	121.2	122.2	122.9
67.5°	118.9	123.7	127.1	129.7	131.8	133.8	136.3	138.5	140.3	141.5	142.1
65°	136.6	141.6	144.8	147.6	150.1	152.8	155.6	157.6	158.9	159.8	160.3
62.5°	153.7	158.3	162.4	166.2	169.8	172.9	174.8	176.5	177.9	179.2	180.1
60°	168.4	174.4	178.9	182.5	186.1	189.5	191.8	193.7	195.1	196.2	196.8
57.5°	180.9	187.0	192.4	195.9	199.8	203.9	206.5	208.1	209.5	210.8	211.3
55°	191.9	197.5	202.5	207.3	211.6	215.3	218.2	220.2	222.0	223.4	223.9
52.5°	201.8	207.9	213.7	218.8	223.1	226.6	229.4	232.0	234.0	235.3	235.9
50°	212.2	218.7	225.0	230.6	234.9	238.9	242.4	245.5	248.4	250.7	252.4
47.5°	222.4	229.4	236.3	242.4	247.6	253.4	258.5	262.9	267.1	270.6	273.0
45°	232.6	240.7	248.2	256.1	263.2	270.7	277.8	283.8	289.9	294.6	297.8
42.5°	244.1	253.2	262.3	272.1	281.8	291.6	302.2	311.6	318.9	325.8	331.3
40°	256.3	266.8	278.6	290.7	305.0	317.9	332.1	344.3	355.4	367.0	376.3
37.5°	269.4	282.5	298.0	314.2	332.7	350.4	368.9	387.1	403.1	421.8	436.2
35°	283.8	301.4	320.4	342.4	365.3	390.7	416.1	445.4	470.6	498.4	522.5
32.5°	300.9	321.9	346.9	375.8	405.3	443.7	479.6	526.3	566.7	610.7	655.1
30°	318.5	345.9	378.2	414.6	461.4	514.3	573.2	642.6	714.2	783.5	867.1
27.5°	340.3	373.3	412.4	465.6	534.6	606.0	707.3	811.6	943.2	1052.1	1205.5
25°	363.0	401.8	457.3	529.7	619.7	743.7	897.4	1064.0	1295.6	1499.0	1737.6
22.5°	387.6	440.0	509.1	598.5	734.9	925.2	1158.0	1471.6	1813.2	2175.8	2536.5
20°	413.3	476.7	567.2	696.8	884.0	1141.8	1541.3	2025.5	2513.4	3111.8	3641.6
17.5°	443.0	523.8	635.3	797.3	1047.2	1441.9	1996.2	2672.2	3429.2	4289.5	5053.4
15°	467.8	564.1	704.9	931.6	1275.1	1782.1	2481.2	3411.1	4548.7	5704.1	6876.2
12.5°	496.5	607.9	773.2	1043.6	1475.1	2148.8	3100.4	4277.4	5698.1	7300.7	9189.9
10°	522.0	650.9	856.5	1191.1	1718.4	2531.3	3686.1	5102.2	6935.6	9241.4	12167.0
7.5°	541.0	685.2	920.8	1303.4	1928.8	2899.1	4239.6	6005.4	8335.0	11379.8	15395.1
5°	553.3	710.0	966.2	1390.0	2093.5	3172.8	4645.2	6646.0	9456.6	13762.9	20562.1
2.5°	560.6	724.7	992.2	1440.8	2193.7	3354.1	4953.8	7130.4	10183.4	15235.6	23885.5
0°	563.9	728.8	1007.7	1467.8	2227.1	3424.1	5095.5	7351.1	10508.6	15579.7	24469.8
-2.5°	560.6	724.7	992.2	1440.8	2193.7	3354.1	4953.8	7130.4	10183.4	15235.6	23885.5
-5°	553.3	710.0	966.2	1390.0	2093.5	3172.8	4645.2	6646.0	9456.6	13762.9	20562.1
-7.5°	541.0	685.2	920.8	1303.4	1928.8	2899.1	4239.6	6005.4	8335.0	11379.8	15395.1
-10°	522.0	650.9	856.5	1191.1	1718.4	2531.3	3686.1	5102.2	6935.6	9241.4	12167.0
-12.5°	496.5	607.9	773.2	1043.6	1475.1	2148.8	3100.4	4277.4	5698.1	7300.7	9189.9
-15°	467.8	564.1	704.9	931.6	1275.1	1782.1	2481.2	3411.1	4548.7	5704.1	6876.2
-17.5°	443.0	523.8	635.3	797.3	1047.2	1441.9	1996.2	2672.2	3429.2	4289.5	5053.4
-20°	413.3	476.7	567.2	696.8	884.0	1141.8	1541.3	2025.5	2513.4	3111.8	3641.6

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626869 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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°	387.6	440.0	509.1	598.5	734.9	925.2	1158.0	1471.6	1813.2	2175.8	2536.5
-25°	363.0	401.8	457.3	529.7	619.7	743.7	897.4	1064.0	1295.6	1499.0	1737.6
-27.5°	340.3	373.3	412.4	465.6	534.6	606.0	707.3	811.6	943.2	1052.1	1205.5
-30°	318.5	345.9	378.2	414.6	461.4	514.3	573.2	642.6	714.2	783.5	867.1
-32.5°	300.9	321.9	346.9	375.8	405.3	443.7	479.6	526.3	566.7	610.7	655.1
-35°	283.8	301.4	320.4	342.4	365.3	390.7	416.1	445.4	470.6	498.4	522.5
-37.5°	269.4	282.5	298.0	314.2	332.7	350.4	368.9	387.1	403.1	421.8	436.2
-40°	256.3	266.8	278.6	290.7	305.0	317.9	332.1	344.3	355.4	367.0	376.3
-42.5°	244.1	253.2	262.3	272.1	281.8	291.6	302.2	311.6	318.9	325.8	331.3
-45°	232.6	240.7	248.2	256.1	263.2	270.7	277.8	283.8	289.9	294.6	297.8
-47.5°	222.4	229.4	236.3	242.4	247.6	253.4	258.5	262.9	267.1	270.6	273.0
-50°	212.2	218.7	225.0	230.6	234.9	238.9	242.4	245.5	248.4	250.7	252.4
-52.5°	201.8	207.9	213.7	218.8	223.1	226.6	229.4	232.0	234.0	235.3	235.9
-55°	191.9	197.5	202.5	207.3	211.6	215.3	218.2	220.2	222.0	223.4	223.9
-57.5°	180.9	187.0	192.4	195.9	199.8	203.9	206.5	208.1	209.5	210.8	211.3
-60°	168.4	174.4	178.9	182.5	186.1	189.5	191.8	193.7	195.1	196.2	196.8
-62.5°	153.7	158.3	162.4	166.2	169.8	172.9	174.8	176.5	177.9	179.2	180.1
-65°	136.6	141.6	144.8	147.6	150.1	152.8	155.6	157.6	158.9	159.8	160.3
-67.5°	118.9	123.7	127.1	129.7	131.8	133.8	136.3	138.5	140.3	141.5	142.1
-70°	101.6	105.9	109.1	112.0	114.4	116.4	118.3	119.9	121.2	122.2	122.9
-72.5°	84.6	88.9	92.3	95.2	97.6	99.6	101.1	102.5	103.5	104.0	104.0
-75°	67.3	70.8	74.6	78.0	80.9	82.7	84.0	85.0	85.9	86.1	86.0
-77.5°	52.5	55.1	58.0	60.7	63.4	65.0	66.1	67.1	67.8	68.0	67.9
-80°	39.0	40.8	42.5	44.2	45.9	47.0	47.7	48.3	48.7	48.9	48.9
-82.5°	26.8	27.9	28.9	29.8	30.6	31.3	32.0	32.6	33.1	33.1	33.0
-85°	15.9	16.5	17.1	17.6	18.1	18.5	18.9	19.3	19.6	19.3	19.0
-87.5°	6.6	6.8	7.0	7.2	7.3	7.5	7.6	7.7	7.8	7.4	7.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626869 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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°	6.5	6.1	6.1	6.1	6.1	6.1	6.5	7.0	7.4	7.8	7.7
85°	18.6	18.2	18.3	18.3	18.3	18.2	18.6	19.0	19.3	19.6	19.3
82.5°	32.7	32.4	32.6	32.6	32.6	32.4	32.7	33.0	33.1	33.1	32.6
80°	48.9	48.7	47.8	46.8	47.8	48.7	48.9	48.9	48.9	48.7	48.3
77.5°	67.5	66.9	66.1	65.1	66.1	66.9	67.5	67.9	68.0	67.8	67.1
75°	85.7	85.1	85.4	85.5	85.4	85.1	85.7	86.0	86.1	85.9	85.0
72.5°	103.8	103.4	103.7	103.8	103.7	103.4	103.8	104.0	104.0	103.5	102.5
70°	123.4	123.6	123.1	122.1	123.1	123.6	123.4	122.9	122.2	121.2	119.9
67.5°	142.2	142.0	141.4	140.5	141.4	142.0	142.2	142.1	141.5	140.3	138.5
65°	160.5	160.3	160.6	160.8	160.6	160.3	160.5	160.3	159.8	158.9	157.6
62.5°	180.5	180.5	180.1	179.1	180.1	180.5	180.5	180.1	179.2	177.9	176.5
60°	197.1	197.0	196.4	195.4	196.4	197.0	197.1	196.8	196.2	195.1	193.7
57.5°	211.5	211.3	210.7	209.7	210.7	211.3	211.5	211.3	210.8	209.5	208.1
55°	223.9	223.6	222.9	221.9	222.9	223.6	223.9	223.9	223.4	222.0	220.2
52.5°	236.1	235.8	235.9	236.1	235.9	235.8	236.1	235.9	235.3	234.0	232.0
50°	253.4	253.8	253.4	252.4	253.4	253.8	253.4	252.4	250.7	248.4	245.5
47.5°	274.1	274.2	273.7	272.8	273.7	274.2	274.1	273.0	270.6	267.1	262.9
45°	300.2	301.7	302.1	301.3	302.1	301.7	300.2	297.8	294.6	289.9	283.8
42.5°	335.6	337.9	338.6	337.9	338.6	337.9	335.6	331.3	325.8	318.9	311.6
40°	382.0	384.6	385.1	384.8	385.1	384.6	382.0	376.3	367.0	355.4	344.3
37.5°	446.2	452.6	455.6	456.0	455.6	452.6	446.2	436.2	421.8	403.1	387.1
35°	540.9	553.7	560.6	563.9	560.6	553.7	540.9	522.5	498.4	470.6	445.4
32.5°	688.7	714.3	728.5	726.8	728.5	714.3	688.7	655.1	610.7	566.7	526.3
30°	930.1	974.8	997.4	991.4	997.4	974.8	930.1	867.1	783.5	714.2	642.6
27.5°	1315.7	1396.7	1443.4	1437.2	1443.4	1396.7	1315.7	1205.5	1052.1	943.2	811.6
25°	1937.1	2084.8	2179.3	2155.9	2179.3	2084.8	1937.1	1737.6	1499.0	1295.6	1064.0
22.5°	2882.3	3132.5	3298.0	3277.6	3298.0	3132.5	2882.3	2536.5	2175.8	1813.2	1471.6
20°	4178.9	4559.6	4831.5	4867.5	4831.5	4559.6	4178.9	3641.6	3111.8	2513.4	2025.5
17.5°	5878.4	6482.1	6902.4	6972.5	6902.4	6482.1	5878.4	5053.4	4289.5	3429.2	2672.2
15°	8087.2	9073.9	9788.0	9847.0	9788.0	9073.9	8087.2	6876.2	5704.1	4548.7	3411.1
12.5°	11086.4	13071.0	14366.1	14936.4	14366.1	13071.0	11086.4	9189.9	7300.7	5698.1	4277.4
10°	15237.2	19795.6	22714.8	23812.3	22714.8	19795.6	15237.2	12167.0	9241.4	6935.6	5102.2
7.5°	22170.3	29327.0	37283.5	40674.5	37283.5	29327.0	22170.3	15395.1	11379.8	8335.0	6005.4
5°	30021.5	44874.5	59002.4	64519.4	59002.4	44874.5	30021.5	20562.1	13762.9	9456.6	6646.0
2.5°	38282.9	58985.9	78386.2	85973.2	78386.2	58985.9	38282.9	23885.5	15235.6	10183.4	7130.4
0°	41509.2	65164.7	86509.7	95017.1	86509.7	65164.7	41509.2	24469.8	15579.7	10508.6	7351.1
-2.5°	38282.9	58985.9	78386.2	85973.2	78386.2	58985.9	38282.9	23885.5	15235.6	10183.4	7130.4
-5°	30021.5	44874.5	59002.4	64519.4	59002.4	44874.5	30021.5	20562.1	13762.9	9456.6	6646.0
-7.5°	22170.3	29327.0	37283.5	40674.5	37283.5	29327.0	22170.3	15395.1	11379.8	8335.0	6005.4
-10°	15237.2	19795.6	22714.8	23812.3	22714.8	19795.6	15237.2	12167.0	9241.4	6935.6	5102.2
-12.5°	11086.4	13071.0	14366.1	14936.4	14366.1	13071.0	11086.4	9189.9	7300.7	5698.1	4277.4
-15°	8087.2	9073.9	9788.0	9847.0	9788.0	9073.9	8087.2	6876.2	5704.1	4548.7	3411.1
-17.5°	5878.4	6482.1	6902.4	6972.5	6902.4	6482.1	5878.4	5053.4	4289.5	3429.2	2672.2
-20°	4178.9	4559.6	4831.5	4867.5	4831.5	4559.6	4178.9	3641.6	3111.8	2513.4	2025.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626869 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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°	2882.3	3132.5	3298.0	3277.6	3298.0	3132.5	2882.3	2536.5	2175.8	1813.2	1471.6
-25°	1937.1	2084.8	2179.3	2155.9	2179.3	2084.8	1937.1	1737.6	1499.0	1295.6	1064.0
-27.5°	1315.7	1396.7	1443.4	1437.2	1443.4	1396.7	1315.7	1205.5	1052.1	943.2	811.6
-30°	930.1	974.8	997.4	991.4	997.4	974.8	930.1	867.1	783.5	714.2	642.6
-32.5°	688.7	714.3	728.5	726.8	728.5	714.3	688.7	655.1	610.7	566.7	526.3
-35°	540.9	553.7	560.6	563.9	560.6	553.7	540.9	522.5	498.4	470.6	445.4
-37.5°	446.2	452.6	455.6	456.0	455.6	452.6	446.2	436.2	421.8	403.1	387.1
-40°	382.0	384.6	385.1	384.8	385.1	384.6	382.0	376.3	367.0	355.4	344.3
-42.5°	335.6	337.9	338.6	337.9	338.6	337.9	335.6	331.3	325.8	318.9	311.6
-45°	300.2	301.7	302.1	301.3	302.1	301.7	300.2	297.8	294.6	289.9	283.8
-47.5°	274.1	274.2	273.7	272.8	273.7	274.2	274.1	273.0	270.6	267.1	262.9
-50°	253.4	253.8	253.4	252.4	253.4	253.8	253.4	252.4	250.7	248.4	245.5
-52.5°	236.1	235.8	235.9	236.1	235.9	235.8	236.1	235.9	235.3	234.0	232.0
-55°	223.9	223.6	222.9	221.9	222.9	223.6	223.9	223.9	223.4	222.0	220.2
-57.5°	211.5	211.3	210.7	209.7	210.7	211.3	211.5	211.3	210.8	209.5	208.1
-60°	197.1	197.0	196.4	195.4	196.4	197.0	197.1	196.8	196.2	195.1	193.7
-62.5°	180.5	180.5	180.1	179.1	180.1	180.5	180.5	180.1	179.2	177.9	176.5
-65°	160.5	160.3	160.6	160.8	160.6	160.3	160.5	160.3	159.8	158.9	157.6
-67.5°	142.2	142.0	141.4	140.5	141.4	142.0	142.2	142.1	141.5	140.3	138.5
-70°	123.4	123.6	123.1	122.1	123.1	123.6	123.4	122.9	122.2	121.2	119.9
-72.5°	103.8	103.4	103.7	103.8	103.7	103.4	103.8	104.0	104.0	103.5	102.5
-75°	85.7	85.1	85.4	85.5	85.4	85.1	85.7	86.0	86.1	85.9	85.0
-77.5°	67.5	66.9	66.1	65.1	66.1	66.9	67.5	67.9	68.0	67.8	67.1
-80°	48.9	48.7	47.8	46.8	47.8	48.7	48.9	48.9	48.9	48.7	48.3
-82.5°	32.7	32.4	32.6	32.6	32.6	32.4	32.7	33.0	33.1	33.1	32.6
-85°	18.6	18.2	18.3	18.3	18.3	18.2	18.6	19.0	19.3	19.6	19.3
-87.5°	6.5	6.1	6.1	6.1	6.1	6.1	6.5	7.0	7.4	7.8	7.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626869 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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°	7.6	7.5	7.3	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.7
85°	18.9	18.5	18.1	17.6	17.1	16.5	15.9	15.0	14.1	13.2	12.3
82.5°	32.0	31.3	30.6	29.8	28.9	27.9	26.8	25.4	23.8	22.1	20.3
80°	47.7	47.0	45.9	44.2	42.5	40.8	39.0	37.3	35.5	33.7	31.7
77.5°	66.1	65.0	63.4	60.7	58.0	55.1	52.5	50.2	47.9	45.6	43.1
75°	84.0	82.7	80.9	78.0	74.6	70.8	67.3	64.4	61.4	58.2	54.9
72.5°	101.1	99.6	97.6	95.2	92.3	88.9	84.6	80.0	75.7	71.5	67.6
70°	118.3	116.4	114.4	112.0	109.1	105.9	101.6	96.5	90.6	84.9	80.6
67.5°	136.3	133.8	131.8	129.7	127.1	123.7	118.9	113.6	107.8	101.1	95.0
65°	155.6	152.8	150.1	147.6	144.8	141.6	136.6	130.7	124.5	117.9	111.0
62.5°	174.8	172.9	169.8	166.2	162.4	158.3	153.7	147.9	141.2	133.5	125.9
60°	191.8	189.5	186.1	182.5	178.9	174.4	168.4	163.1	158.6	149.9	140.8
57.5°	206.5	203.9	199.8	195.9	192.4	187.0	180.9	174.9	169.1	163.1	155.3
55°	218.2	215.3	211.6	207.3	202.5	197.5	191.9	185.5	179.3	173.8	166.6
52.5°	229.4	226.6	223.1	218.8	213.7	207.9	201.8	195.4	189.6	184.0	177.5
50°	242.4	238.9	234.9	230.6	225.0	218.7	212.2	205.3	199.3	193.6	187.4
47.5°	258.5	253.4	247.6	242.4	236.3	229.4	222.4	215.5	208.9	202.1	196.0
45°	277.8	270.7	263.2	256.1	248.2	240.7	232.6	225.5	218.5	211.1	203.5
42.5°	302.2	291.6	281.8	272.1	262.3	253.2	244.1	235.7	227.8	220.0	211.8
40°	332.1	317.9	305.0	290.7	278.6	266.8	256.3	245.9	237.1	228.6	219.5
37.5°	368.9	350.4	332.7	314.2	298.0	282.5	269.4	257.3	245.9	236.6	227.1
35°	416.1	390.7	365.3	342.4	320.4	301.4	283.8	269.4	256.3	244.3	234.4
32.5°	479.6	443.7	405.3	375.8	346.9	321.9	300.9	282.5	266.8	253.2	241.2
30°	573.2	514.3	461.4	414.6	378.2	345.9	318.5	297.2	278.6	262.3	248.2
27.5°	707.3	606.0	534.6	465.6	412.4	373.3	340.3	312.4	290.5	272.1	256.0
25°	897.4	743.7	619.7	529.7	457.3	401.8	363.0	330.6	303.7	281.7	262.3
22.5°	1158.0	925.2	734.9	598.5	509.1	440.0	387.6	348.6	315.9	290.1	268.9
20°	1541.3	1141.8	884.0	696.8	567.2	476.7	413.3	367.4	329.6	298.8	274.8
17.5°	1996.2	1441.9	1047.2	797.3	635.3	523.8	443.0	384.6	342.0	306.3	279.5
15°	2481.2	1782.1	1275.1	931.6	704.9	564.1	467.8	399.9	353.8	314.7	285.4
12.5°	3100.4	2148.8	1475.1	1043.6	773.2	607.9	496.5	419.3	365.5	323.7	291.5
10°	3686.1	2531.3	1718.4	1191.1	856.5	650.9	522.0	434.2	374.5	330.8	296.5
7.5°	4239.6	2899.1	1928.8	1303.4	920.8	685.2	541.0	445.0	380.9	335.8	300.3
5°	4645.2	3172.8	2093.5	1390.0	966.2	710.0	553.3	451.6	384.7	338.8	302.9
2.5°	4953.8	3354.1	2193.7	1440.8	992.2	724.7	560.6	456.8	388.4	341.2	305.8
0°	5095.5	3424.1	2227.1	1467.8	1007.7	728.8	563.9	460.1	390.9	342.0	307.4
-2.5°	4953.8	3354.1	2193.7	1440.8	992.2	724.7	560.6	456.8	388.4	341.2	305.8
-5°	4645.2	3172.8	2093.5	1390.0	966.2	710.0	553.3	451.6	384.7	338.8	302.9
-7.5°	4239.6	2899.1	1928.8	1303.4	920.8	685.2	541.0	445.0	380.9	335.8	300.3
-10°	3686.1	2531.3	1718.4	1191.1	856.5	650.9	522.0	434.2	374.5	330.8	296.5
-12.5°	3100.4	2148.8	1475.1	1043.6	773.2	607.9	496.5	419.3	365.5	323.7	291.5
-15°	2481.2	1782.1	1275.1	931.6	704.9	564.1	467.8	399.9	353.8	314.7	285.4
-17.5°	1996.2	1441.9	1047.2	797.3	635.3	523.8	443.0	384.6	342.0	306.3	279.5
-20°	1541.3	1141.8	884.0	696.8	567.2	476.7	413.3	367.4	329.6	298.8	274.8



Classified

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REPORT NUMBER: P626869 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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°	1158.0	925.2	734.9	598.5	509.1	440.0	387.6	348.6	315.9	290.1	268.9
-25°	897.4	743.7	619.7	529.7	457.3	401.8	363.0	330.6	303.7	281.7	262.3
-27.5°	707.3	606.0	534.6	465.6	412.4	373.3	340.3	312.4	290.5	272.1	256.0
-30°	573.2	514.3	461.4	414.6	378.2	345.9	318.5	297.2	278.6	262.3	248.2
-32.5°	479.6	443.7	405.3	375.8	346.9	321.9	300.9	282.5	266.8	253.2	241.2
-35°	416.1	390.7	365.3	342.4	320.4	301.4	283.8	269.4	256.3	244.3	234.4
-37.5°	368.9	350.4	332.7	314.2	298.0	282.5	269.4	257.3	245.9	236.6	227.1
-40°	332.1	317.9	305.0	290.7	278.6	266.8	256.3	245.9	237.1	228.6	219.5
-42.5°	302.2	291.6	281.8	272.1	262.3	253.2	244.1	235.7	227.8	220.0	211.8
-45°	277.8	270.7	263.2	256.1	248.2	240.7	232.6	225.5	218.5	211.1	203.5
-47.5°	258.5	253.4	247.6	242.4	236.3	229.4	222.4	215.5	208.9	202.1	196.0
-50°	242.4	238.9	234.9	230.6	225.0	218.7	212.2	205.3	199.3	193.6	187.4
-52.5°	229.4	226.6	223.1	218.8	213.7	207.9	201.8	195.4	189.6	184.0	177.5
-55°	218.2	215.3	211.6	207.3	202.5	197.5	191.9	185.5	179.3	173.8	166.6
-57.5°	206.5	203.9	199.8	195.9	192.4	187.0	180.9	174.9	169.1	163.1	155.3
-60°	191.8	189.5	186.1	182.5	178.9	174.4	168.4	163.1	158.6	149.9	140.8
-62.5°	174.8	172.9	169.8	166.2	162.4	158.3	153.7	147.9	141.2	133.5	125.9
-65°	155.6	152.8	150.1	147.6	144.8	141.6	136.6	130.7	124.5	117.9	111.0
-67.5°	136.3	133.8	131.8	129.7	127.1	123.7	118.9	113.6	107.8	101.1	95.0
-70°	118.3	116.4	114.4	112.0	109.1	105.9	101.6	96.5	90.6	84.9	80.6
-72.5°	101.1	99.6	97.6	95.2	92.3	88.9	84.6	80.0	75.7	71.5	67.6
-75°	84.0	82.7	80.9	78.0	74.6	70.8	67.3	64.4	61.4	58.2	54.9
-77.5°	66.1	65.0	63.4	60.7	58.0	55.1	52.5	50.2	47.9	45.6	43.1
-80°	47.7	47.0	45.9	44.2	42.5	40.8	39.0	37.3	35.5	33.7	31.7
-82.5°	32.0	31.3	30.6	29.8	28.9	27.9	26.8	25.4	23.8	22.1	20.3
-85°	18.9	18.5	18.1	17.6	17.1	16.5	15.9	15.0	14.1	13.2	12.3
-87.5°	7.6	7.5	7.3	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626869 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	5.5	5.2	4.9	4.6	4.4	4.0	3.7	3.4	3.1	2.8	2.4
85°	11.9	11.3	10.7	9.9	9.0	8.1	7.5	6.8	6.2	5.5	4.9
82.5°	19.2	18.6	17.8	16.9	15.6	14.2	12.8	11.4	9.9	8.4	7.3
80°	29.8	28.0	26.2	24.5	22.4	20.3	18.4	16.5	14.5	12.6	10.5
77.5°	40.5	37.8	35.1	32.5	29.9	27.3	24.6	21.8	19.2	16.7	14.2
75°	51.4	48.1	44.8	41.4	37.8	34.2	31.0	27.7	24.3	20.8	17.8
72.5°	63.5	59.3	54.9	50.5	46.3	42.1	37.7	33.5	29.5	25.5	21.5
70°	76.1	70.9	65.7	60.7	55.4	49.9	44.9	39.9	34.7	30.2	25.5
67.5°	89.3	84.0	77.9	71.2	65.3	59.0	52.3	46.4	40.6	34.7	29.5
65°	103.9	97.2	90.8	83.1	75.6	68.4	61.1	53.2	46.4	39.9	33.5
62.5°	118.1	110.0	102.3	94.4	86.2	77.9	69.7	60.9	52.3	44.9	37.7
60°	132.1	123.2	113.6	104.7	96.1	87.3	78.0	68.3	58.9	49.9	42.1
57.5°	145.4	136.1	125.3	114.8	105.1	95.9	86.0	75.5	65.2	55.3	46.3
55°	157.8	147.4	136.2	124.8	113.9	103.8	93.5	82.4	71.4	60.7	50.4
52.5°	169.2	158.3	146.4	134.3	122.5	111.5	100.5	89.0	77.2	65.9	54.7
50°	179.9	169.2	156.5	143.5	130.6	119.0	107.5	95.3	82.8	70.8	59.0
47.5°	189.1	179.0	166.7	152.6	138.8	126.4	114.3	101.6	88.2	75.5	63.1
45°	196.6	188.0	176.2	162.1	147.2	134.0	121.0	107.7	93.7	80.0	67.1
42.5°	203.6	195.6	184.9	171.3	155.9	141.5	127.5	113.6	99.0	84.4	70.9
40°	210.7	202.2	193.1	179.3	164.0	148.8	134.1	119.4	104.2	88.6	74.5
37.5°	217.3	208.5	199.2	186.8	171.3	155.6	140.4	125.0	109.0	92.9	77.9
35°	224.1	214.2	204.6	192.6	177.6	161.8	146.4	130.4	113.5	96.9	81.1
32.5°	230.6	219.5	209.1	197.4	183.4	167.4	151.7	135.0	117.7	100.5	84.2
30°	236.5	224.4	213.4	201.9	188.4	172.3	156.2	139.2	121.7	103.9	87.0
27.5°	241.2	228.6	217.6	205.9	192.3	176.7	160.2	143.0	125.3	107.0	89.7
25°	245.8	232.3	220.9	209.5	196.0	181.1	163.9	146.4	128.5	109.9	92.2
22.5°	251.0	235.8	223.5	212.9	199.7	185.4	167.4	149.4	131.2	112.5	94.3
20°	255.6	238.9	225.4	215.6	202.7	188.5	170.8	152.0	133.6	114.8	96.2
17.5°	259.7	242.1	228.0	217.2	205.1	191.2	173.9	154.4	135.6	116.9	97.8
15°	263.9	245.5	230.2	218.5	207.0	193.5	176.7	156.4	137.2	118.6	99.3
12.5°	267.7	248.3	232.0	219.5	208.5	195.4	179.1	158.1	138.5	120.0	100.6
10°	270.9	250.5	233.4	220.2	209.5	196.8	181.3	159.7	139.8	121.1	101.7
7.5°	273.3	252.0	234.3	220.6	210.2	197.9	183.1	161.6	140.9	121.9	102.6
5°	275.1	253.2	235.6	221.8	211.0	198.8	184.3	163.1	141.8	122.3	103.3
2.5°	276.5	254.2	237.2	223.0	211.5	199.3	185.1	164.2	142.3	122.3	103.7
0°	276.9	254.5	238.2	223.9	211.7	199.5	185.3	164.9	142.5	122.1	103.8
-2.5°	276.5	254.2	237.2	223.0	211.5	199.3	185.1	164.2	142.3	122.3	103.7
-5°	275.1	253.2	235.6	221.8	211.0	198.8	184.3	163.1	141.8	122.3	103.3
-7.5°	273.3	252.0	234.3	220.6	210.2	197.9	183.1	161.6	140.9	121.9	102.6
-10°	270.9	250.5	233.4	220.2	209.5	196.8	181.3	159.7	139.8	121.1	101.7
-12.5°	267.7	248.3	232.0	219.5	208.5	195.4	179.1	158.1	138.5	120.0	100.6
-15°	263.9	245.5	230.2	218.5	207.0	193.5	176.7	156.4	137.2	118.6	99.3
-17.5°	259.7	242.1	228.0	217.2	205.1	191.2	173.9	154.4	135.6	116.9	97.8
-20°	255.6	238.9	225.4	215.6	202.7	188.5	170.8	152.0	133.6	114.8	96.2

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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°	251.0	235.8	223.5	212.9	199.7	185.4	167.4	149.4	131.2	112.5	94.3
-25°	245.8	232.3	220.9	209.5	196.0	181.1	163.9	146.4	128.5	109.9	92.2
-27.5°	241.2	228.6	217.6	205.9	192.3	176.7	160.2	143.0	125.3	107.0	89.7
-30°	236.5	224.4	213.4	201.9	188.4	172.3	156.2	139.2	121.7	103.9	87.0
-32.5°	230.6	219.5	209.1	197.4	183.4	167.4	151.7	135.0	117.7	100.5	84.2
-35°	224.1	214.2	204.6	192.6	177.6	161.8	146.4	130.4	113.5	96.9	81.1
-37.5°	217.3	208.5	199.2	186.8	171.3	155.6	140.4	125.0	109.0	92.9	77.9
-40°	210.7	202.2	193.1	179.3	164.0	148.8	134.1	119.4	104.2	88.6	74.5
-42.5°	203.6	195.6	184.9	171.3	155.9	141.5	127.5	113.6	99.0	84.4	70.9
-45°	196.6	188.0	176.2	162.1	147.2	134.0	121.0	107.7	93.7	80.0	67.1
-47.5°	189.1	179.0	166.7	152.6	138.8	126.4	114.3	101.6	88.2	75.5	63.1
-50°	179.9	169.2	156.5	143.5	130.6	119.0	107.5	95.3	82.8	70.8	59.0
-52.5°	169.2	158.3	146.4	134.3	122.5	111.5	100.5	89.0	77.2	65.9	54.7
-55°	157.8	147.4	136.2	124.8	113.9	103.8	93.5	82.4	71.4	60.7	50.4
-57.5°	145.4	136.1	125.3	114.8	105.1	95.9	86.0	75.5	65.2	55.3	46.3
-60°	132.1	123.2	113.6	104.7	96.1	87.3	78.0	68.3	58.9	49.9	42.1
-62.5°	118.1	110.0	102.3	94.4	86.2	77.9	69.7	60.9	52.3	44.9	37.7
-65°	103.9	97.2	90.8	83.1	75.6	68.4	61.1	53.2	46.4	39.9	33.5
-67.5°	89.3	84.0	77.9	71.2	65.3	59.0	52.3	46.4	40.6	34.7	29.5
-70°	76.1	70.9	65.7	60.7	55.4	49.9	44.9	39.9	34.7	30.2	25.5
-72.5°	63.5	59.3	54.9	50.5	46.3	42.1	37.7	33.5	29.5	25.5	21.5
-75°	51.4	48.1	44.8	41.4	37.8	34.2	31.0	27.7	24.3	20.8	17.8
-77.5°	40.5	37.8	35.1	32.5	29.9	27.3	24.6	21.8	19.2	16.7	14.2
-80°	29.8	28.0	26.2	24.5	22.4	20.3	18.4	16.5	14.5	12.6	10.5
-82.5°	19.2	18.6	17.8	16.9	15.6	14.2	12.8	11.4	9.9	8.4	7.3
-85°	11.9	11.3	10.7	9.9	9.0	8.1	7.5	6.8	6.2	5.5	4.9
-87.5°	5.5	5.2	4.9	4.6	4.4	4.0	3.7	3.4	3.1	2.8	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

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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°	2.1	1.8	1.4	1.1	0.7	0.3	0.0
85°	4.2	3.5	2.8	2.1	1.4	0.6	0.0
82.5°	6.3	5.2	4.2	3.2	2.1	0.9	0.0
80°	8.5	7.0	5.6	4.2	2.8	1.2	0.0
77.5°	11.6	9.0	7.0	5.2	3.5	1.5	0.0
75°	14.6	11.4	8.4	6.3	4.2	1.8	0.0
72.5°	17.7	13.8	10.3	7.3	4.8	2.1	0.0
70°	20.7	16.2	12.1	8.3	5.5	2.4	0.0
67.5°	24.1	18.5	13.9	9.6	6.1	2.7	0.0
65°	27.4	21.0	15.7	10.9	6.7	3.0	0.0
62.5°	30.7	23.8	17.3	12.1	7.3	3.2	0.0
60°	33.8	26.4	19.0	13.3	7.8	3.5	0.0
57.5°	37.4	29.0	21.0	14.5	8.6	3.7	0.0
55°	40.8	31.6	23.1	15.6	9.3	4.0	0.0
52.5°	44.2	34.1	25.0	16.7	10.0	4.2	0.0
50°	47.5	36.8	26.9	17.7	10.7	4.4	0.0
47.5°	50.6	39.4	28.7	18.8	11.3	4.6	0.0
45°	54.0	41.9	30.5	20.1	12.0	4.8	0.0
42.5°	57.3	44.3	32.1	21.3	12.6	5.0	0.0
40°	60.4	46.5	33.8	22.5	13.2	5.2	0.0
37.5°	63.3	48.7	35.6	23.7	13.8	5.3	0.0
35°	66.0	50.9	37.2	24.8	14.3	5.5	0.0
32.5°	68.6	53.0	38.7	25.9	14.8	5.6	0.0
30°	71.0	55.0	40.1	26.8	15.3	5.7	0.0
27.5°	73.3	56.9	41.5	27.7	15.7	5.8	0.0
25°	75.3	58.6	42.7	28.6	16.2	5.9	0.0
22.5°	77.1	60.1	43.9	29.3	16.6	6.0	0.0
20°	78.8	61.4	44.9	30.0	16.9	6.1	0.0
17.5°	80.1	62.5	45.9	30.6	17.2	6.1	0.0
15°	81.3	63.4	46.7	31.1	17.5	6.1	0.0
12.5°	82.2	64.2	47.3	31.6	17.7	6.2	0.0
10°	82.9	64.7	47.9	31.9	17.9	6.2	0.0
7.5°	83.3	65.1	48.3	32.2	18.1	6.2	0.0
5°	83.6	65.2	48.6	32.4	18.2	6.2	0.0
2.5°	83.7	65.3	48.8	32.6	18.3	6.1	0.0
0°	83.5	65.1	48.9	32.6	18.3	6.1	0.0
-2.5°	83.7	65.3	48.8	32.6	18.3	6.1	0.0
-5°	83.6	65.2	48.6	32.4	18.2	6.2	0.0
-7.5°	83.3	65.1	48.3	32.2	18.1	6.2	0.0
-10°	82.9	64.7	47.9	31.9	17.9	6.2	0.0
-12.5°	82.2	64.2	47.3	31.6	17.7	6.2	0.0
-15°	81.3	63.4	46.7	31.1	17.5	6.1	0.0
-17.5°	80.1	62.5	45.9	30.6	17.2	6.1	0.0
-20°	78.8	61.4	44.9	30.0	16.9	6.1	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	77.1	60.1	43.9	29.3	16.6	6.0	0.0
-25°	75.3	58.6	42.7	28.6	16.2	5.9	0.0
-27.5°	73.3	56.9	41.5	27.7	15.7	5.8	0.0
-30°	71.0	55.0	40.1	26.8	15.3	5.7	0.0
-32.5°	68.6	53.0	38.7	25.9	14.8	5.6	0.0
-35°	66.0	50.9	37.2	24.8	14.3	5.5	0.0
-37.5°	63.3	48.7	35.6	23.7	13.8	5.3	0.0
-40°	60.4	46.5	33.8	22.5	13.2	5.2	0.0
-42.5°	57.3	44.3	32.1	21.3	12.6	5.0	0.0
-45°	54.0	41.9	30.5	20.1	12.0	4.8	0.0
-47.5°	50.6	39.4	28.7	18.8	11.3	4.6	0.0
-50°	47.5	36.8	26.9	17.7	10.7	4.4	0.0
-52.5°	44.2	34.1	25.0	16.7	10.0	4.2	0.0
-55°	40.8	31.6	23.1	15.6	9.3	4.0	0.0
-57.5°	37.4	29.0	21.0	14.5	8.6	3.7	0.0
-60°	33.8	26.4	19.0	13.3	7.8	3.5	0.0
-62.5°	30.7	23.8	17.3	12.1	7.3	3.2	0.0
-65°	27.4	21.0	15.7	10.9	6.7	3.0	0.0
-67.5°	24.1	18.5	13.9	9.6	6.1	2.7	0.0
-70°	20.7	16.2	12.1	8.3	5.5	2.4	0.0
-72.5°	17.7	13.8	10.3	7.3	4.8	2.1	0.0
-75°	14.6	11.4	8.4	6.3	4.2	1.8	0.0
-77.5°	11.6	9.0	7.0	5.2	3.5	1.5	0.0
-80°	8.5	7.0	5.6	4.2	2.8	1.2	0.0
-82.5°	6.3	5.2	4.2	3.2	2.1	0.9	0.0
-85°	4.2	3.5	2.8	2.1	1.4	0.6	0.0
-87.5°	2.1	1.8	1.4	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)