

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: P626629 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-740-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626629 (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-SA1B-740-U-NR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N24  
Light Source: (16) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

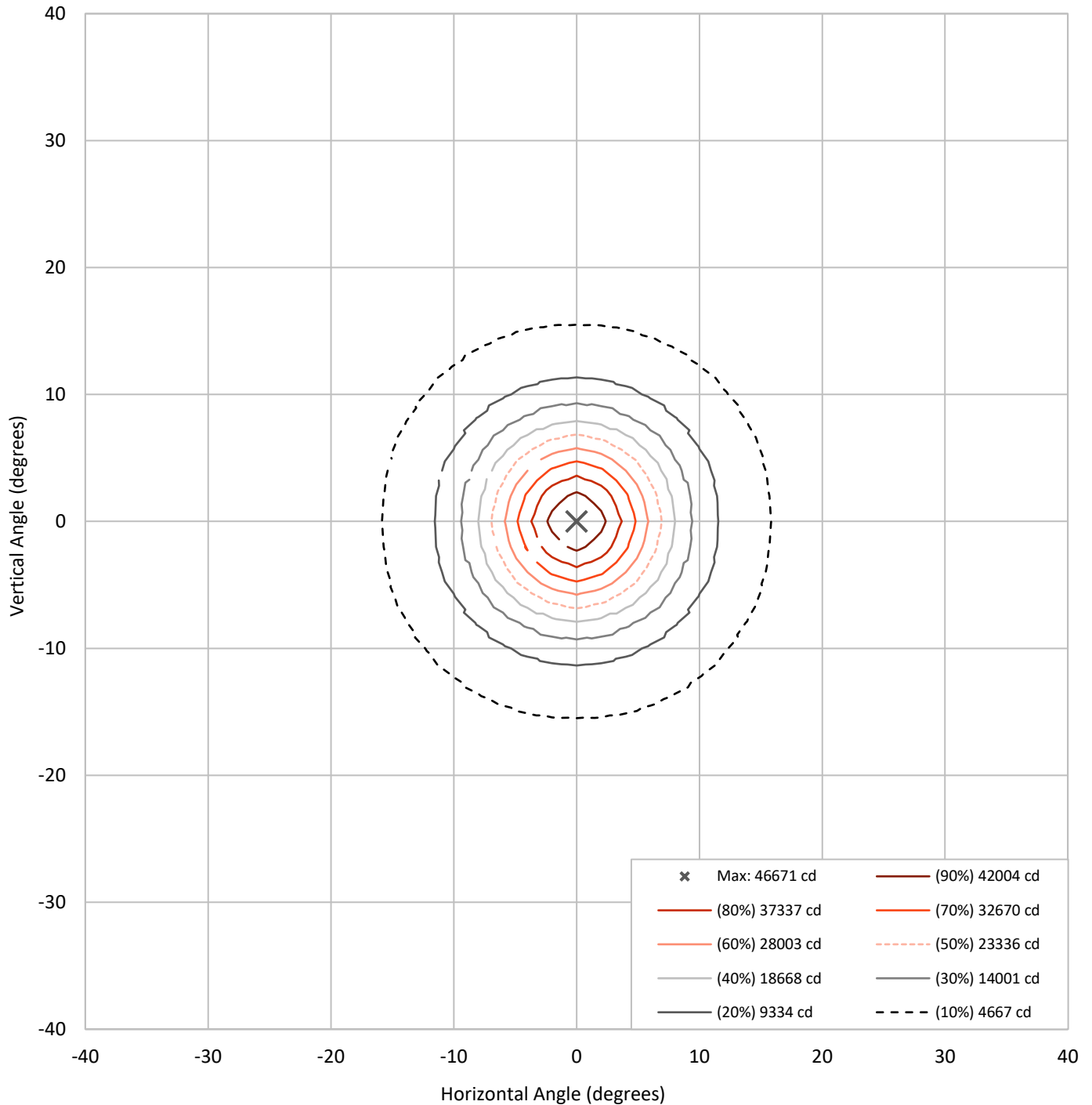
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	4955.8 lumens	Max Intensity:	46671 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	147.9 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' 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:	1465.2 lumens	Field Lumens:	3297.3 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	33.5		
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





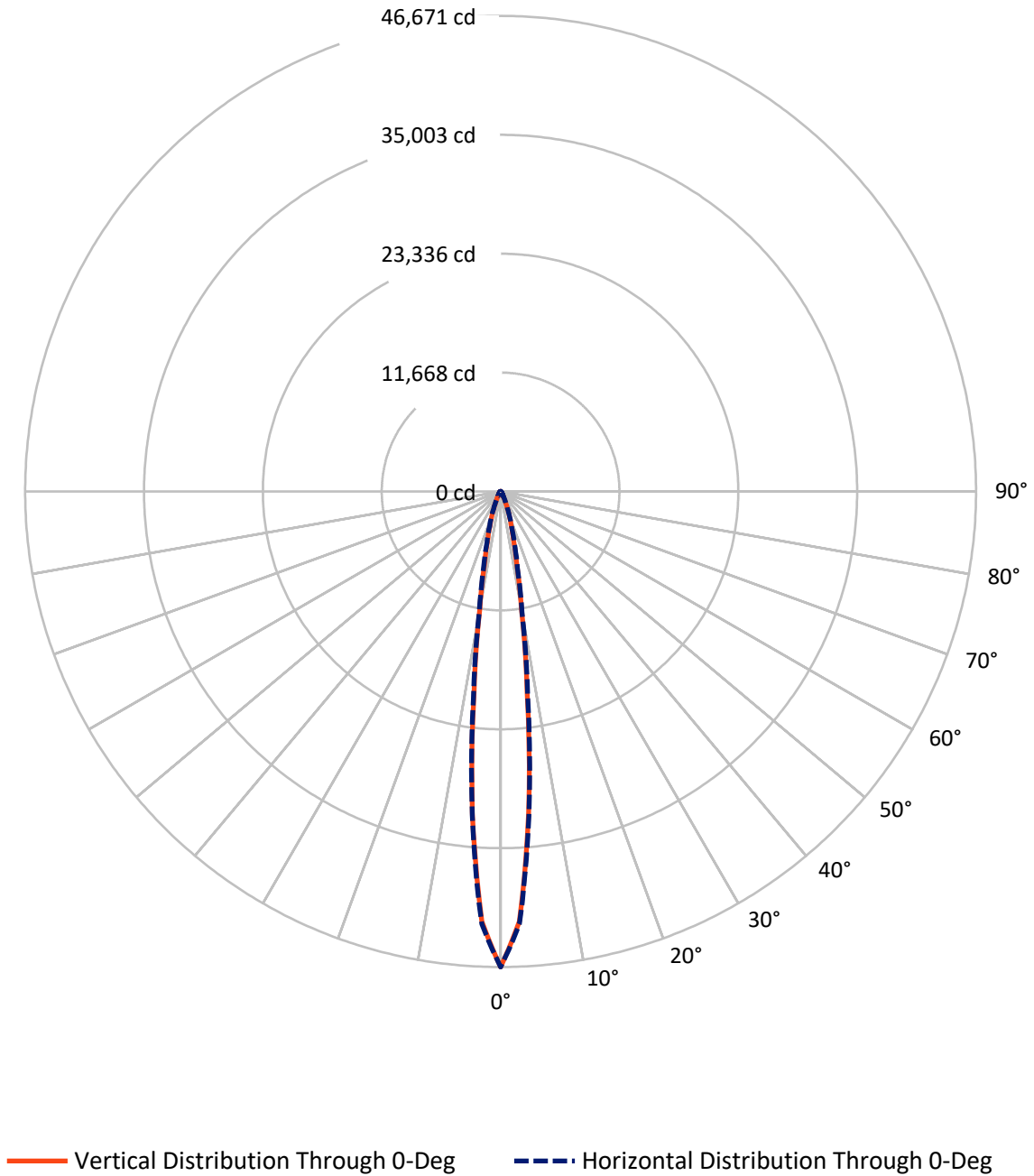
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### Lumen Table

90	0.1	0.7	1.8	2.9	3.1	2.9	1.8	0.7	0.1							
80	0.1	0.7	1.8	2.9	3.1	2.9	1.8	0.7	0.1							
70	0.3	0.3	0.7	1.2	1.7	2.0	2.3	2.4	2.4	2.3	2.0	1.7	1.2	0.7	0.3	0.3
60		0.5	1.1	1.7	2.3	2.9	3.2	3.3	3.3	3.2	2.9	2.3	1.7	1.1	0.5	
50	0.5	0.7	1.4	2.2	2.9	3.6	4.2	4.6	4.6	4.2	3.6	2.9	2.2	1.4	0.7	0.5
40		0.8	1.6	2.5	3.5	5.1	7.1	8.8	8.8	7.1	5.1	3.5	2.5	1.6	0.8	
30	0.7	0.9	1.8	2.8	4.6	9.1	20.6	34.1	34.1	20.6	9.1	4.6	2.8	1.8	0.9	0.7
20		1.0	1.9	3.1	6.1	19.2	68.3	147.0	147.0	68.3	19.2	6.1	3.1	1.9	1.0	
10	0.8	1.0	1.9	3.3	7.3	31.7	148.4	641.1	641.1	148.4	31.7	7.3	3.3	1.9	1.0	0.8
0		1.0	1.9	3.3	7.3	31.7	148.4	641.1	641.1	148.4	31.7	7.3	3.3	1.9	1.0	
-10	0.7	1.0	1.9	3.1	6.1	19.2	68.3	147.0	147.0	68.3	19.2	6.1	3.1	1.9	1.0	0.7
-20		0.9	1.8	2.8	4.6	9.1	20.6	34.1	34.1	20.6	9.1	4.6	2.8	1.8	0.9	
-30	0.5	0.8	1.6	2.5	3.5	5.1	7.1	8.8	8.8	7.1	5.1	3.5	2.5	1.6	0.8	0.5
-40		0.7	1.4	2.2	2.9	3.6	4.2	4.6	4.6	4.2	3.6	2.9	2.2	1.4	0.7	
-50	0.3	0.5	1.1	1.7	2.3	2.9	3.2	3.3	3.3	3.2	2.9	2.3	1.7	1.1	0.5	0.3
-60		0.3	0.7	1.2	1.7	2.0	2.3	2.4	2.4	2.3	2.0	1.7	1.2	0.7	0.3	
-70	0.1	0.7	1.8	2.9	3.1	2.9	1.8	0.7	0.1							
-80		0.1	0.7	1.8	2.9	3.1	2.9	1.8	0.7	0.1						
-90	0.1	0.7	1.8	2.9	3.1	2.9	1.8	0.7	0.1							

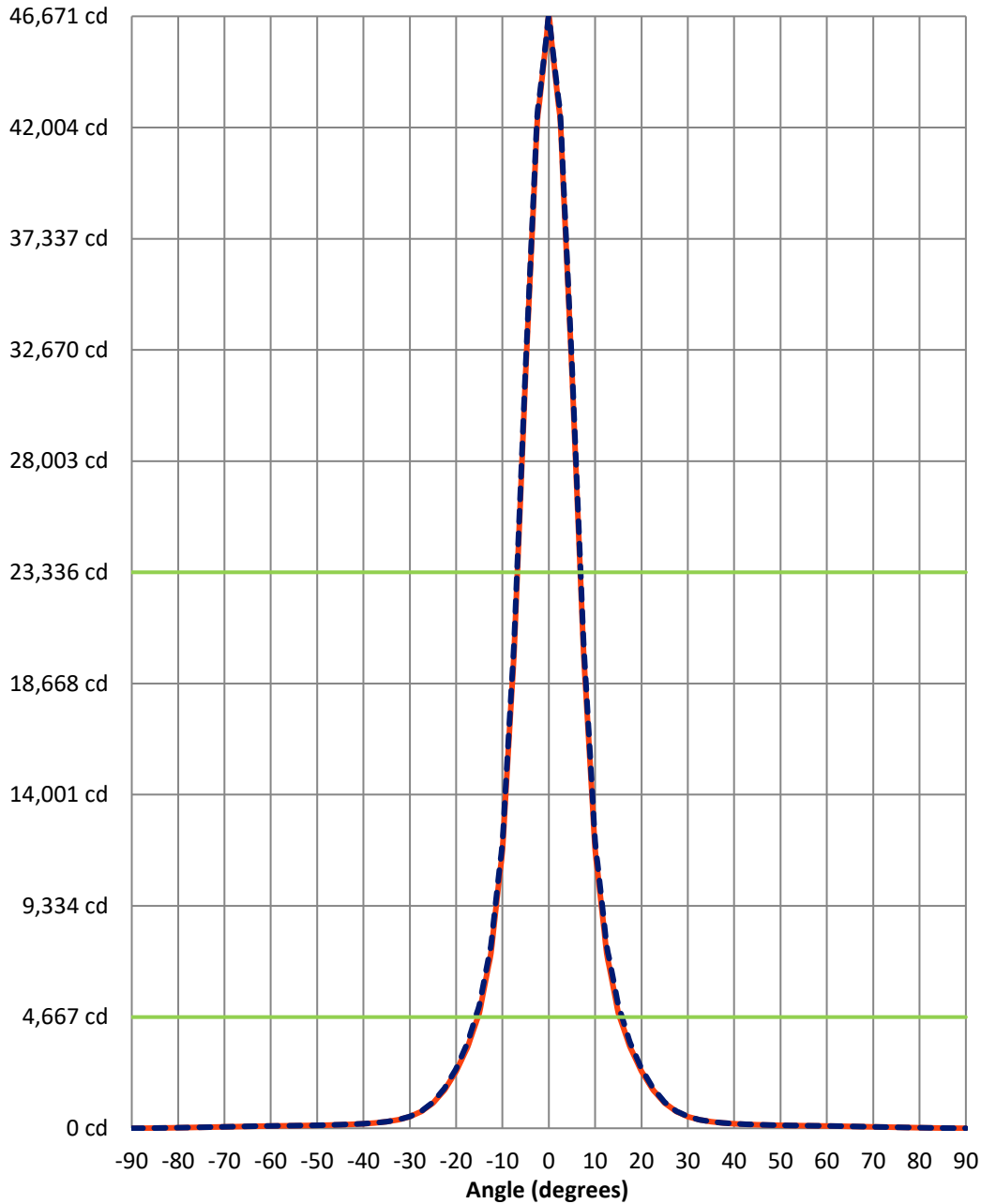
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.7°  
 V Angle: 13.6°  
 Lumens: 1465.2  
 Efficiency: 29.6%

**Field:**  
 H Angle: 31.6°  
 V Angle: 30.6°  
 Lumens: 3297.3  
 Efficiency: 66.5%

**Spill:**  
 Lumens: 1658.5  
 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	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
85°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.7	3.1	3.4
82.5°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.9	5.6
80°	0.0	0.6	1.4	2.1	2.8	3.4	4.2	5.2	6.2	7.1	8.1
77.5°	0.0	0.8	1.7	2.6	3.4	4.4	5.7	7.0	8.2	9.4	10.7
75°	0.0	0.9	2.1	3.1	4.2	5.6	7.2	8.7	10.2	11.9	13.6
72.5°	0.0	1.0	2.4	3.6	5.1	6.8	8.7	10.5	12.5	14.5	16.4
70°	0.0	1.2	2.7	4.1	6.0	8.0	10.1	12.5	14.8	17.1	19.6
67.5°	0.0	1.3	3.0	4.8	6.8	9.1	11.8	14.5	17.1	19.9	22.8
65°	0.0	1.5	3.3	5.4	7.7	10.3	13.4	16.4	19.6	22.8	26.1
62.5°	0.0	1.6	3.6	6.0	8.5	11.7	15.1	18.5	22.1	25.7	29.9
60°	0.0	1.7	3.9	6.6	9.3	13.0	16.6	20.7	24.5	28.9	33.5
57.5°	0.0	1.8	4.2	7.1	10.3	14.3	18.4	22.7	27.2	32.0	37.1
55°	0.0	2.0	4.6	7.7	11.3	15.5	20.1	24.7	29.8	35.0	40.5
52.5°	0.0	2.1	4.9	8.2	12.3	16.7	21.7	26.9	32.4	37.9	43.7
50°	0.0	2.2	5.3	8.7	13.2	18.1	23.3	29.0	34.8	40.7	46.8
47.5°	0.0	2.3	5.6	9.2	14.1	19.3	24.9	31.0	37.1	43.3	49.9
45°	0.0	2.4	5.9	9.9	15.0	20.6	26.5	33.0	39.3	46.0	52.9
42.5°	0.0	2.5	6.2	10.5	15.8	21.7	28.1	34.8	41.5	48.6	55.8
40°	0.0	2.5	6.5	11.1	16.6	22.9	29.6	36.6	43.6	51.2	58.6
37.5°	0.0	2.6	6.8	11.6	17.5	23.9	31.1	38.3	45.7	53.5	61.4
35°	0.0	2.7	7.0	12.2	18.2	25.0	32.4	39.9	47.6	55.7	64.0
32.5°	0.0	2.8	7.3	12.7	19.0	26.0	33.7	41.4	49.4	57.8	66.3
30°	0.0	2.8	7.5	13.2	19.7	27.0	34.9	42.8	51.0	59.8	68.4
27.5°	0.0	2.9	7.7	13.6	20.4	27.9	36.0	44.1	52.5	61.5	70.3
25°	0.0	2.9	8.0	14.0	21.0	28.8	37.0	45.3	54.0	63.1	71.9
22.5°	0.0	2.9	8.1	14.4	21.5	29.5	37.9	46.3	55.3	64.5	73.4
20°	0.0	3.0	8.3	14.7	22.1	30.2	38.7	47.3	56.4	65.6	74.7
17.5°	0.0	3.0	8.5	15.0	22.5	30.7	39.4	48.1	57.4	66.6	75.8
15°	0.0	3.0	8.6	15.3	22.9	31.2	39.9	48.8	58.2	67.4	76.8
12.5°	0.0	3.0	8.7	15.5	23.2	31.5	40.4	49.4	58.9	68.0	77.6
10°	0.0	3.0	8.8	15.7	23.5	31.8	40.7	50.0	59.5	68.7	78.4
7.5°	0.0	3.0	8.9	15.8	23.7	32.0	40.9	50.4	59.9	69.2	79.4
5°	0.0	3.0	9.0	15.9	23.9	32.1	41.1	50.7	60.1	69.7	80.1
2.5°	0.0	3.0	9.0	16.0	24.0	32.1	41.1	50.9	60.1	69.9	80.7
0°	0.0	3.0	9.0	16.0	24.0	32.0	41.0	51.0	60.0	70.0	81.0
-2.5°	0.0	3.0	9.0	16.0	24.0	32.1	41.1	50.9	60.1	69.9	80.7
-5°	0.0	3.0	9.0	15.9	23.9	32.1	41.1	50.7	60.1	69.7	80.1
-7.5°	0.0	3.0	8.9	15.8	23.7	32.0	40.9	50.4	59.9	69.2	79.4
-10°	0.0	3.0	8.8	15.7	23.5	31.8	40.7	50.0	59.5	68.7	78.4
-12.5°	0.0	3.0	8.7	15.5	23.2	31.5	40.4	49.4	58.9	68.0	77.6
-15°	0.0	3.0	8.6	15.3	22.9	31.2	39.9	48.8	58.2	67.4	76.8
-17.5°	0.0	3.0	8.5	15.0	22.5	30.7	39.4	48.1	57.4	66.6	75.8
-20°	0.0	3.0	8.3	14.7	22.1	30.2	38.7	47.3	56.4	65.6	74.7

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA1B-740-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.9	8.1	14.4	21.5	29.5	37.9	46.3	55.3	64.5	73.4
-25°	0.0	2.9	8.0	14.0	21.0	28.8	37.0	45.3	54.0	63.1	71.9
-27.5°	0.0	2.9	7.7	13.6	20.4	27.9	36.0	44.1	52.5	61.5	70.3
-30°	0.0	2.8	7.5	13.2	19.7	27.0	34.9	42.8	51.0	59.8	68.4
-32.5°	0.0	2.8	7.3	12.7	19.0	26.0	33.7	41.4	49.4	57.8	66.3
-35°	0.0	2.7	7.0	12.2	18.2	25.0	32.4	39.9	47.6	55.7	64.0
-37.5°	0.0	2.6	6.8	11.6	17.5	23.9	31.1	38.3	45.7	53.5	61.4
-40°	0.0	2.5	6.5	11.1	16.6	22.9	29.6	36.6	43.6	51.2	58.6
-42.5°	0.0	2.5	6.2	10.5	15.8	21.7	28.1	34.8	41.5	48.6	55.8
-45°	0.0	2.4	5.9	9.9	15.0	20.6	26.5	33.0	39.3	46.0	52.9
-47.5°	0.0	2.3	5.6	9.2	14.1	19.3	24.9	31.0	37.1	43.3	49.9
-50°	0.0	2.2	5.3	8.7	13.2	18.1	23.3	29.0	34.8	40.7	46.8
-52.5°	0.0	2.1	4.9	8.2	12.3	16.7	21.7	26.9	32.4	37.9	43.7
-55°	0.0	2.0	4.6	7.7	11.3	15.5	20.1	24.7	29.8	35.0	40.5
-57.5°	0.0	1.8	4.2	7.1	10.3	14.3	18.4	22.7	27.2	32.0	37.1
-60°	0.0	1.7	3.9	6.6	9.3	13.0	16.6	20.7	24.5	28.9	33.5
-62.5°	0.0	1.6	3.6	6.0	8.5	11.7	15.1	18.5	22.1	25.7	29.9
-65°	0.0	1.5	3.3	5.4	7.7	10.3	13.4	16.4	19.6	22.8	26.1
-67.5°	0.0	1.3	3.0	4.8	6.8	9.1	11.8	14.5	17.1	19.9	22.8
-70°	0.0	1.2	2.7	4.1	6.0	8.0	10.1	12.5	14.8	17.1	19.6
-72.5°	0.0	1.0	2.4	3.6	5.1	6.8	8.7	10.5	12.5	14.5	16.4
-75°	0.0	0.9	2.1	3.1	4.2	5.6	7.2	8.7	10.2	11.9	13.6
-77.5°	0.0	0.8	1.7	2.6	3.4	4.4	5.7	7.0	8.2	9.4	10.7
-80°	0.0	0.6	1.4	2.1	2.8	3.4	4.2	5.2	6.2	7.1	8.1
-82.5°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.9	5.6
-85°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.7	3.1	3.4
-87.5°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
-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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CATALOG NUMBER: GFLD-SA1B-740-U-NR-XX

**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°	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.8	2.9	3.1	3.2
85°	3.7	4.0	4.4	4.9	5.2	5.6	5.8	6.1	6.5	6.9	7.4
82.5°	6.3	7.0	7.7	8.3	8.8	9.1	9.5	10.0	10.8	11.7	12.5
80°	9.0	10.0	11.0	12.0	12.9	13.7	14.6	15.6	16.5	17.5	18.3
77.5°	12.1	13.4	14.7	16.0	17.2	18.6	19.9	21.2	22.4	23.5	24.6
75°	15.2	16.8	18.6	20.3	22.0	23.6	25.3	27.0	28.6	30.2	31.7
72.5°	18.5	20.7	22.8	24.8	27.0	29.1	31.2	33.2	35.1	37.2	39.3
70°	22.1	24.5	27.2	29.8	32.3	34.8	37.4	39.6	41.7	44.5	47.4
67.5°	25.7	29.0	32.1	35.0	38.2	41.3	43.9	46.7	49.7	52.9	55.8
65°	30.0	33.6	37.1	40.8	44.6	47.7	51.0	54.5	57.9	61.1	64.2
62.5°	34.2	38.3	42.3	46.4	50.3	54.0	58.0	61.8	65.6	69.3	72.7
60°	38.3	42.9	47.2	51.4	55.8	60.5	64.9	69.2	73.6	77.9	80.1
57.5°	42.2	47.1	51.6	56.4	61.5	66.8	71.4	76.3	80.1	83.1	85.9
55°	45.9	51.0	56.0	61.3	66.9	72.4	77.5	81.8	85.4	88.1	91.1
52.5°	49.4	54.8	60.1	66.0	71.9	77.8	83.1	87.2	90.4	93.1	96.0
50°	52.8	58.4	64.1	70.5	76.9	83.1	88.4	92.1	95.1	97.9	100.9
47.5°	56.1	62.1	68.2	75.0	81.9	87.9	92.9	96.3	99.3	102.6	105.9
45°	59.4	65.8	72.3	79.6	86.5	92.3	96.6	100.0	103.7	107.3	110.8
42.5°	62.6	69.5	76.6	84.1	90.8	96.1	100.0	104.0	108.1	111.9	115.8
40°	65.9	73.1	80.5	88.1	94.8	99.3	103.5	107.8	112.3	116.5	120.8
37.5°	69.0	76.4	84.1	91.7	97.9	102.4	106.8	111.5	116.2	120.8	126.4
35°	71.9	79.5	87.2	94.6	100.5	105.2	110.1	115.1	120.0	125.9	132.3
32.5°	74.5	82.2	90.1	96.9	102.7	107.8	113.3	118.5	124.4	131.1	138.8
30°	76.8	84.6	92.5	99.2	104.8	110.3	116.1	121.9	128.8	136.9	146.0
27.5°	78.7	86.8	94.4	101.1	106.9	112.3	118.5	125.8	133.7	142.7	153.5
25°	80.5	88.9	96.3	102.9	108.5	114.1	120.8	128.9	138.4	149.2	162.4
22.5°	82.2	91.0	98.1	104.6	109.8	115.8	123.3	132.1	142.5	155.2	171.2
20°	83.9	92.6	99.6	105.9	110.7	117.3	125.6	135.0	146.8	161.9	180.5
17.5°	85.4	93.9	100.8	106.7	112.0	118.9	127.6	137.3	150.5	168.0	188.9
15°	86.8	95.1	101.7	107.3	113.1	120.6	129.7	140.2	154.6	173.8	196.4
12.5°	88.0	96.0	102.4	107.8	114.0	122.0	131.5	143.2	159.0	179.5	206.0
10°	89.0	96.7	102.9	108.2	114.7	123.0	133.0	145.6	162.5	184.0	213.3
7.5°	89.9	97.2	103.3	108.4	115.1	123.8	134.2	147.5	165.0	187.1	218.6
5°	90.5	97.6	103.7	109.0	115.8	124.4	135.1	148.8	166.4	189.0	221.9
2.5°	90.9	97.9	103.9	109.6	116.5	124.8	135.8	150.2	167.6	190.8	224.4
0°	91.0	98.0	104.0	110.0	117.0	125.0	136.0	151.0	168.0	192.0	226.0
-2.5°	90.9	97.9	103.9	109.6	116.5	124.8	135.8	150.2	167.6	190.8	224.4
-5°	90.5	97.6	103.7	109.0	115.8	124.4	135.1	148.8	166.4	189.0	221.9
-7.5°	89.9	97.2	103.3	108.4	115.1	123.8	134.2	147.5	165.0	187.1	218.6
-10°	89.0	96.7	102.9	108.2	114.7	123.0	133.0	145.6	162.5	184.0	213.3
-12.5°	88.0	96.0	102.4	107.8	114.0	122.0	131.5	143.2	159.0	179.5	206.0
-15°	86.8	95.1	101.7	107.3	113.1	120.6	129.7	140.2	154.6	173.8	196.4
-17.5°	85.4	93.9	100.8	106.7	112.0	118.9	127.6	137.3	150.5	168.0	188.9
-20°	83.9	92.6	99.6	105.9	110.7	117.3	125.6	135.0	146.8	161.9	180.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626629 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	82.2	91.0	98.1	104.6	109.8	115.8	123.3	132.1	142.5	155.2	171.2
-25°	80.5	88.9	96.3	102.9	108.5	114.1	120.8	128.9	138.4	149.2	162.4
-27.5°	78.7	86.8	94.4	101.1	106.9	112.3	118.5	125.8	133.7	142.7	153.5
-30°	76.8	84.6	92.5	99.2	104.8	110.3	116.1	121.9	128.8	136.9	146.0
-32.5°	74.5	82.2	90.1	96.9	102.7	107.8	113.3	118.5	124.4	131.1	138.8
-35°	71.9	79.5	87.2	94.6	100.5	105.2	110.1	115.1	120.0	125.9	132.3
-37.5°	69.0	76.4	84.1	91.7	97.9	102.4	106.8	111.5	116.2	120.8	126.4
-40°	65.9	73.1	80.5	88.1	94.8	99.3	103.5	107.8	112.3	116.5	120.8
-42.5°	62.6	69.5	76.6	84.1	90.8	96.1	100.0	104.0	108.1	111.9	115.8
-45°	59.4	65.8	72.3	79.6	86.5	92.3	96.6	100.0	103.7	107.3	110.8
-47.5°	56.1	62.1	68.2	75.0	81.9	87.9	92.9	96.3	99.3	102.6	105.9
-50°	52.8	58.4	64.1	70.5	76.9	83.1	88.4	92.1	95.1	97.9	100.9
-52.5°	49.4	54.8	60.1	66.0	71.9	77.8	83.1	87.2	90.4	93.1	96.0
-55°	45.9	51.0	56.0	61.3	66.9	72.4	77.5	81.8	85.4	88.1	91.1
-57.5°	42.2	47.1	51.6	56.4	61.5	66.8	71.4	76.3	80.1	83.1	85.9
-60°	38.3	42.9	47.2	51.4	55.8	60.5	64.9	69.2	73.6	77.9	80.1
-62.5°	34.2	38.3	42.3	46.4	50.3	54.0	58.0	61.8	65.6	69.3	72.7
-65°	30.0	33.6	37.1	40.8	44.6	47.7	51.0	54.5	57.9	61.1	64.2
-67.5°	25.7	29.0	32.1	35.0	38.2	41.3	43.9	46.7	49.7	52.9	55.8
-70°	22.1	24.5	27.2	29.8	32.3	34.8	37.4	39.6	41.7	44.5	47.4
-72.5°	18.5	20.7	22.8	24.8	27.0	29.1	31.2	33.2	35.1	37.2	39.3
-75°	15.2	16.8	18.6	20.3	22.0	23.6	25.3	27.0	28.6	30.2	31.7
-77.5°	12.1	13.4	14.7	16.0	17.2	18.6	19.9	21.2	22.4	23.5	24.6
-80°	9.0	10.0	11.0	12.0	12.9	13.7	14.6	15.6	16.5	17.5	18.3
-82.5°	6.3	7.0	7.7	8.3	8.8	9.1	9.5	10.0	10.8	11.7	12.5
-85°	3.7	4.0	4.4	4.9	5.2	5.6	5.8	6.1	6.5	6.9	7.4
-87.5°	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.8	2.9	3.1	3.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626629 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	3.3	3.4	3.5	3.5	3.6	3.7	3.8	3.8	3.9	3.7	3.4
85°	7.8	8.1	8.4	8.6	8.9	9.1	9.3	9.4	9.6	9.5	9.3
82.5°	13.2	13.7	14.2	14.6	15.0	15.4	15.7	16.0	16.3	16.3	16.2
80°	19.2	20.0	20.9	21.7	22.6	23.1	23.5	23.7	23.9	24.0	24.0
77.5°	25.8	27.1	28.5	29.8	31.2	31.9	32.5	32.9	33.3	33.4	33.3
75°	33.1	34.8	36.7	38.3	39.8	40.6	41.2	41.8	42.2	42.3	42.2
72.5°	41.6	43.7	45.4	46.8	48.0	48.9	49.7	50.3	50.9	51.1	51.1
70°	49.9	52.0	53.6	55.0	56.2	57.2	58.1	58.9	59.5	60.0	60.4
67.5°	58.4	60.8	62.4	63.7	64.7	65.7	67.0	68.0	68.9	69.5	69.8
65°	67.1	69.5	71.1	72.5	73.8	75.1	76.4	77.4	78.1	78.5	78.7
62.5°	75.5	77.8	79.8	81.6	83.4	84.9	85.8	86.7	87.4	88.0	88.4
60°	82.7	85.6	87.9	89.7	91.4	93.1	94.2	95.1	95.9	96.4	96.7
57.5°	88.9	91.9	94.5	96.2	98.1	100.1	101.5	102.2	102.9	103.5	103.8
55°	94.3	97.0	99.5	101.8	104.0	105.8	107.2	108.2	109.1	109.7	110.0
52.5°	99.1	102.1	105.0	107.5	109.6	111.3	112.7	114.0	115.0	115.6	115.9
50°	104.2	107.4	110.5	113.3	115.4	117.3	119.1	120.6	122.0	123.2	124.0
47.5°	109.2	112.7	116.1	119.1	121.7	124.5	127.0	129.1	131.2	132.9	134.1
45°	114.3	118.3	121.9	125.8	129.3	133.0	136.4	139.4	142.4	144.7	146.3
42.5°	119.9	124.4	128.8	133.7	138.4	143.3	148.5	153.1	156.7	160.0	162.7
40°	125.9	131.1	136.9	142.8	149.8	156.2	163.1	169.1	174.6	180.3	184.8
37.5°	132.3	138.8	146.4	154.4	163.4	172.1	181.2	190.2	198.0	207.2	214.2
35°	139.4	148.0	157.4	168.2	179.4	191.9	204.4	218.8	231.2	244.8	256.7
32.5°	147.8	158.1	170.4	184.6	199.1	218.0	235.6	258.5	278.3	300.0	321.8
30°	156.5	169.9	185.8	203.7	226.7	252.6	281.6	315.7	350.8	384.9	425.9
27.5°	167.2	183.4	202.6	228.7	262.6	297.7	347.4	398.7	463.3	516.8	592.2
25°	178.3	197.4	224.6	260.2	304.4	365.3	440.8	522.7	636.4	736.3	853.5
22.5°	190.4	216.2	250.1	294.0	361.0	454.5	568.8	722.8	890.6	1068.7	1245.9
20°	203.0	234.2	278.6	342.3	434.2	560.8	757.0	994.9	1234.6	1528.5	1788.7
17.5°	217.6	257.3	312.1	391.7	514.4	708.2	980.5	1312.5	1684.4	2106.9	2482.1
15°	229.8	277.1	346.2	457.6	626.3	875.3	1218.7	1675.5	2234.2	2801.7	3377.5
12.5°	243.9	298.6	379.8	512.6	724.6	1055.5	1522.9	2101.0	2798.8	3586.0	4514.0
10°	256.4	319.8	420.7	585.1	844.1	1243.3	1810.6	2506.1	3406.7	4539.3	5976.3
7.5°	265.7	336.6	452.3	640.2	947.4	1424.0	2082.4	2949.7	4094.1	5589.6	7561.8
5°	271.8	348.8	474.6	682.8	1028.3	1558.4	2281.6	3264.4	4644.9	6760.1	10099.8
2.5°	275.4	356.0	487.4	707.8	1077.5	1647.5	2433.2	3502.4	5002.0	7483.5	11732.2
0°	277.0	358.0	495.0	721.0	1093.9	1681.9	2502.8	3610.8	5161.7	7652.5	12019.2
-2.5°	275.4	356.0	487.4	707.8	1077.5	1647.5	2433.2	3502.4	5002.0	7483.5	11732.2
-5°	271.8	348.8	474.6	682.8	1028.3	1558.4	2281.6	3264.4	4644.9	6760.1	10099.8
-7.5°	265.7	336.6	452.3	640.2	947.4	1424.0	2082.4	2949.7	4094.1	5589.6	7561.8
-10°	256.4	319.8	420.7	585.1	844.1	1243.3	1810.6	2506.1	3406.7	4539.3	5976.3
-12.5°	243.9	298.6	379.8	512.6	724.6	1055.5	1522.9	2101.0	2798.8	3586.0	4514.0
-15°	229.8	277.1	346.2	457.6	626.3	875.3	1218.7	1675.5	2234.2	2801.7	3377.5
-17.5°	217.6	257.3	312.1	391.7	514.4	708.2	980.5	1312.5	1684.4	2106.9	2482.1
-20°	203.0	234.2	278.6	342.3	434.2	560.8	757.0	994.9	1234.6	1528.5	1788.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626629 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	190.4	216.2	250.1	294.0	361.0	454.5	568.8	722.8	890.6	1068.7	1245.9
-25°	178.3	197.4	224.6	260.2	304.4	365.3	440.8	522.7	636.4	736.3	853.5
-27.5°	167.2	183.4	202.6	228.7	262.6	297.7	347.4	398.7	463.3	516.8	592.2
-30°	156.5	169.9	185.8	203.7	226.7	252.6	281.6	315.7	350.8	384.9	425.9
-32.5°	147.8	158.1	170.4	184.6	199.1	218.0	235.6	258.5	278.3	300.0	321.8
-35°	139.4	148.0	157.4	168.2	179.4	191.9	204.4	218.8	231.2	244.8	256.7
-37.5°	132.3	138.8	146.4	154.4	163.4	172.1	181.2	190.2	198.0	207.2	214.2
-40°	125.9	131.1	136.9	142.8	149.8	156.2	163.1	169.1	174.6	180.3	184.8
-42.5°	119.9	124.4	128.8	133.7	138.4	143.3	148.5	153.1	156.7	160.0	162.7
-45°	114.3	118.3	121.9	125.8	129.3	133.0	136.4	139.4	142.4	144.7	146.3
-47.5°	109.2	112.7	116.1	119.1	121.7	124.5	127.0	129.1	131.2	132.9	134.1
-50°	104.2	107.4	110.5	113.3	115.4	117.3	119.1	120.6	122.0	123.2	124.0
-52.5°	99.1	102.1	105.0	107.5	109.6	111.3	112.7	114.0	115.0	115.6	115.9
-55°	94.3	97.0	99.5	101.8	104.0	105.8	107.2	108.2	109.1	109.7	110.0
-57.5°	88.9	91.9	94.5	96.2	98.1	100.1	101.5	102.2	102.9	103.5	103.8
-60°	82.7	85.6	87.9	89.7	91.4	93.1	94.2	95.1	95.9	96.4	96.7
-62.5°	75.5	77.8	79.8	81.6	83.4	84.9	85.8	86.7	87.4	88.0	88.4
-65°	67.1	69.5	71.1	72.5	73.8	75.1	76.4	77.4	78.1	78.5	78.7
-67.5°	58.4	60.8	62.4	63.7	64.7	65.7	67.0	68.0	68.9	69.5	69.8
-70°	49.9	52.0	53.6	55.0	56.2	57.2	58.1	58.9	59.5	60.0	60.4
-72.5°	41.6	43.7	45.4	46.8	48.0	48.9	49.7	50.3	50.9	51.1	51.1
-75°	33.1	34.8	36.7	38.3	39.8	40.6	41.2	41.8	42.2	42.3	42.2
-77.5°	25.8	27.1	28.5	29.8	31.2	31.9	32.5	32.9	33.3	33.4	33.3
-80°	19.2	20.0	20.9	21.7	22.6	23.1	23.5	23.7	23.9	24.0	24.0
-82.5°	13.2	13.7	14.2	14.6	15.0	15.4	15.7	16.0	16.3	16.3	16.2
-85°	7.8	8.1	8.4	8.6	8.9	9.1	9.3	9.4	9.6	9.5	9.3
-87.5°	3.3	3.4	3.5	3.5	3.6	3.7	3.8	3.8	3.9	3.7	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



REPORT NUMBER: P626629 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-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°	3.2	3.0	3.0	3.0	3.0	3.0	3.2	3.4	3.7	3.9	3.8
85°	9.1	9.0	9.0	9.0	9.0	9.0	9.1	9.3	9.5	9.6	9.4
82.5°	16.1	15.9	16.0	16.0	16.0	15.9	16.1	16.2	16.3	16.3	16.0
80°	24.0	23.9	23.5	23.0	23.5	23.9	24.0	24.0	24.0	23.9	23.7
77.5°	33.1	32.8	32.5	32.0	32.5	32.8	33.1	33.3	33.4	33.3	32.9
75°	42.1	41.8	41.9	42.0	41.9	41.8	42.1	42.2	42.3	42.2	41.8
72.5°	51.0	50.8	50.9	51.0	50.9	50.8	51.0	51.1	51.1	50.9	50.3
70°	60.6	60.7	60.5	60.0	60.5	60.7	60.6	60.4	60.0	59.5	58.9
67.5°	69.9	69.8	69.5	69.0	69.5	69.8	69.9	69.8	69.5	68.9	68.0
65°	78.8	78.7	78.9	79.0	78.9	78.7	78.8	78.7	78.5	78.1	77.4
62.5°	88.7	88.7	88.5	88.0	88.5	88.7	88.7	88.4	88.0	87.4	86.7
60°	96.8	96.8	96.5	96.0	96.5	96.8	96.8	96.7	96.4	95.9	95.1
57.5°	103.9	103.8	103.5	103.0	103.5	103.8	103.9	103.8	103.5	102.9	102.2
55°	110.0	109.9	109.5	109.0	109.5	109.9	110.0	110.0	109.7	109.1	108.2
52.5°	116.0	115.9	115.9	116.0	115.9	115.9	116.0	115.9	115.6	115.0	114.0
50°	124.5	124.6	124.5	124.0	124.5	124.6	124.5	124.0	123.2	122.0	120.6
47.5°	134.7	134.7	134.5	134.0	134.5	134.7	134.7	134.1	132.9	131.2	129.1
45°	147.5	148.2	148.4	148.0	148.4	148.2	147.5	146.3	144.7	142.4	139.4
42.5°	164.8	166.0	166.3	166.0	166.3	166.0	164.8	162.7	160.0	156.7	153.1
40°	187.6	188.9	189.2	189.0	189.2	188.9	187.6	184.8	180.3	174.6	169.1
37.5°	219.2	222.3	223.8	224.0	223.8	222.3	219.2	214.2	207.2	198.0	190.2
35°	265.7	272.0	275.4	277.0	275.4	272.0	265.7	256.7	244.8	231.2	218.8
32.5°	338.3	350.9	357.9	357.0	357.9	350.9	338.3	321.8	300.0	278.3	258.5
30°	456.9	478.9	489.9	487.0	489.9	478.9	456.9	425.9	384.9	350.8	315.7
27.5°	646.3	686.1	709.0	706.0	709.0	686.1	646.3	592.2	516.8	463.3	398.7
25°	951.5	1024.0	1070.4	1058.9	1070.4	1024.0	951.5	853.5	736.3	636.4	522.7
22.5°	1415.7	1538.6	1619.9	1609.9	1619.9	1538.6	1415.7	1245.9	1068.7	890.6	722.8
20°	2052.6	2239.6	2373.1	2390.8	2373.1	2239.6	2052.6	1788.7	1528.5	1234.6	994.9
17.5°	2887.4	3183.9	3390.4	3424.8	3390.4	3183.9	2887.4	2482.1	2106.9	1684.4	1312.5
15°	3972.4	4457.0	4807.8	4836.7	4807.8	4457.0	3972.4	3377.5	2801.7	2234.2	1675.5
12.5°	5445.5	6420.3	7056.4	7336.5	7056.4	6420.3	5445.5	4514.0	3586.0	2798.8	2101.0
10°	7484.3	9723.3	11157.2	11696.2	11157.2	9723.3	7484.3	5976.3	4539.3	3406.7	2506.1
7.5°	10889.7	14405.0	18313.0	19978.7	18313.0	14405.0	10889.7	7561.8	5589.6	4094.1	2949.7
5°	14746.1	22041.7	28981.1	31690.9	28981.1	22041.7	14746.1	10099.8	6760.1	4644.9	3264.4
2.5°	18804.0	28972.9	38502.1	42228.7	38502.1	28972.9	18804.0	11732.2	7483.5	5002.0	3502.4
0°	20388.7	32007.9	42492.2	46671.0	42492.2	32007.9	20388.7	12019.2	7652.5	5161.7	3610.8
-2.5°	18804.0	28972.9	38502.1	42228.7	38502.1	28972.9	18804.0	11732.2	7483.5	5002.0	3502.4
-5°	14746.1	22041.7	28981.1	31690.9	28981.1	22041.7	14746.1	10099.8	6760.1	4644.9	3264.4
-7.5°	10889.7	14405.0	18313.0	19978.7	18313.0	14405.0	10889.7	7561.8	5589.6	4094.1	2949.7
-10°	7484.3	9723.3	11157.2	11696.2	11157.2	9723.3	7484.3	5976.3	4539.3	3406.7	2506.1
-12.5°	5445.5	6420.3	7056.4	7336.5	7056.4	6420.3	5445.5	4514.0	3586.0	2798.8	2101.0
-15°	3972.4	4457.0	4807.8	4836.7	4807.8	4457.0	3972.4	3377.5	2801.7	2234.2	1675.5
-17.5°	2887.4	3183.9	3390.4	3424.8	3390.4	3183.9	2887.4	2482.1	2106.9	1684.4	1312.5
-20°	2052.6	2239.6	2373.1	2390.8	2373.1	2239.6	2052.6	1788.7	1528.5	1234.6	994.9



REPORT NUMBER: P626629 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-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°	1415.7	1538.6	1619.9	1609.9	1619.9	1538.6	1415.7	1245.9	1068.7	890.6	722.8
-25°	951.5	1024.0	1070.4	1058.9	1070.4	1024.0	951.5	853.5	736.3	636.4	522.7
-27.5°	646.3	686.1	709.0	706.0	709.0	686.1	646.3	592.2	516.8	463.3	398.7
-30°	456.9	478.9	489.9	487.0	489.9	478.9	456.9	425.9	384.9	350.8	315.7
-32.5°	338.3	350.9	357.9	357.0	357.9	350.9	338.3	321.8	300.0	278.3	258.5
-35°	265.7	272.0	275.4	277.0	275.4	272.0	265.7	256.7	244.8	231.2	218.8
-37.5°	219.2	222.3	223.8	224.0	223.8	222.3	219.2	214.2	207.2	198.0	190.2
-40°	187.6	188.9	189.2	189.0	189.2	188.9	187.6	184.8	180.3	174.6	169.1
-42.5°	164.8	166.0	166.3	166.0	166.3	166.0	164.8	162.7	160.0	156.7	153.1
-45°	147.5	148.2	148.4	148.0	148.4	148.2	147.5	146.3	144.7	142.4	139.4
-47.5°	134.7	134.7	134.5	134.0	134.5	134.7	134.7	134.1	132.9	131.2	129.1
-50°	124.5	124.6	124.5	124.0	124.5	124.6	124.5	124.0	123.2	122.0	120.6
-52.5°	116.0	115.9	115.9	116.0	115.9	115.9	116.0	115.9	115.6	115.0	114.0
-55°	110.0	109.9	109.5	109.0	109.5	109.9	110.0	110.0	109.7	109.1	108.2
-57.5°	103.9	103.8	103.5	103.0	103.5	103.8	103.9	103.8	103.5	102.9	102.2
-60°	96.8	96.8	96.5	96.0	96.5	96.8	96.8	96.7	96.4	95.9	95.1
-62.5°	88.7	88.7	88.5	88.0	88.5	88.7	88.7	88.4	88.0	87.4	86.7
-65°	78.8	78.7	78.9	79.0	78.9	78.7	78.8	78.7	78.5	78.1	77.4
-67.5°	69.9	69.8	69.5	69.0	69.5	69.8	69.9	69.8	69.5	68.9	68.0
-70°	60.6	60.7	60.5	60.0	60.5	60.7	60.6	60.4	60.0	59.5	58.9
-72.5°	51.0	50.8	50.9	51.0	50.9	50.8	51.0	51.1	51.1	50.9	50.3
-75°	42.1	41.8	41.9	42.0	41.9	41.8	42.1	42.2	42.3	42.2	41.8
-77.5°	33.1	32.8	32.5	32.0	32.5	32.8	33.1	33.3	33.4	33.3	32.9
-80°	24.0	23.9	23.5	23.0	23.5	23.9	24.0	24.0	24.0	23.9	23.7
-82.5°	16.1	15.9	16.0	16.0	16.0	15.9	16.1	16.2	16.3	16.3	16.0
-85°	9.1	9.0	9.0	9.0	9.0	9.0	9.1	9.3	9.5	9.6	9.4
-87.5°	3.2	3.0	3.0	3.0	3.0	3.0	3.2	3.4	3.7	3.9	3.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626629 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-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°	3.8	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.1	2.9	2.8
85°	9.3	9.1	8.9	8.6	8.4	8.1	7.8	7.4	6.9	6.5	6.1
82.5°	15.7	15.4	15.0	14.6	14.2	13.7	13.2	12.5	11.7	10.8	10.0
80°	23.5	23.1	22.6	21.7	20.9	20.0	19.2	18.3	17.5	16.5	15.6
77.5°	32.5	31.9	31.2	29.8	28.5	27.1	25.8	24.6	23.5	22.4	21.2
75°	41.2	40.6	39.8	38.3	36.7	34.8	33.1	31.7	30.2	28.6	27.0
72.5°	49.7	48.9	48.0	46.8	45.4	43.7	41.6	39.3	37.2	35.1	33.2
70°	58.1	57.2	56.2	55.0	53.6	52.0	49.9	47.4	44.5	41.7	39.6
67.5°	67.0	65.7	64.7	63.7	62.4	60.8	58.4	55.8	52.9	49.7	46.7
65°	76.4	75.1	73.8	72.5	71.1	69.5	67.1	64.2	61.1	57.9	54.5
62.5°	85.8	84.9	83.4	81.6	79.8	77.8	75.5	72.7	69.3	65.6	61.8
60°	94.2	93.1	91.4	89.7	87.9	85.6	82.7	80.1	77.9	73.6	69.2
57.5°	101.5	100.1	98.1	96.2	94.5	91.9	88.9	85.9	83.1	80.1	76.3
55°	107.2	105.8	104.0	101.8	99.5	97.0	94.3	91.1	88.1	85.4	81.8
52.5°	112.7	111.3	109.6	107.5	105.0	102.1	99.1	96.0	93.1	90.4	87.2
50°	119.1	117.3	115.4	113.3	110.5	107.4	104.2	100.9	97.9	95.1	92.1
47.5°	127.0	124.5	121.7	119.1	116.1	112.7	109.2	105.9	102.6	99.3	96.3
45°	136.4	133.0	129.3	125.8	121.9	118.3	114.3	110.8	107.3	103.7	100.0
42.5°	148.5	143.3	138.4	133.7	128.8	124.4	119.9	115.8	111.9	108.1	104.0
40°	163.1	156.2	149.8	142.8	136.9	131.1	125.9	120.8	116.5	112.3	107.8
37.5°	181.2	172.1	163.4	154.4	146.4	138.8	132.3	126.4	120.8	116.2	111.5
35°	204.4	191.9	179.4	168.2	157.4	148.0	139.4	132.3	125.9	120.0	115.1
32.5°	235.6	218.0	199.1	184.6	170.4	158.1	147.8	138.8	131.1	124.4	118.5
30°	281.6	252.6	226.7	203.7	185.8	169.9	156.5	146.0	136.9	128.8	121.9
27.5°	347.4	297.7	262.6	228.7	202.6	183.4	167.2	153.5	142.7	133.7	125.8
25°	440.8	365.3	304.4	260.2	224.6	197.4	178.3	162.4	149.2	138.4	128.9
22.5°	568.8	454.5	361.0	294.0	250.1	216.2	190.4	171.2	155.2	142.5	132.1
20°	757.0	560.8	434.2	342.3	278.6	234.2	203.0	180.5	161.9	146.8	135.0
17.5°	980.5	708.2	514.4	391.7	312.1	257.3	217.6	188.9	168.0	150.5	137.3
15°	1218.7	875.3	626.3	457.6	346.2	277.1	229.8	196.4	173.8	154.6	140.2
12.5°	1522.9	1055.5	724.6	512.6	379.8	298.6	243.9	206.0	179.5	159.0	143.2
10°	1810.6	1243.3	844.1	585.1	420.7	319.8	256.4	213.3	184.0	162.5	145.6
7.5°	2082.4	1424.0	947.4	640.2	452.3	336.6	265.7	218.6	187.1	165.0	147.5
5°	2281.6	1558.4	1028.3	682.8	474.6	348.8	271.8	221.9	189.0	166.4	148.8
2.5°	2433.2	1647.5	1077.5	707.8	487.4	356.0	275.4	224.4	190.8	167.6	150.2
0°	2502.8	1681.9	1093.9	721.0	495.0	358.0	277.0	226.0	192.0	168.0	151.0
-2.5°	2433.2	1647.5	1077.5	707.8	487.4	356.0	275.4	224.4	190.8	167.6	150.2
-5°	2281.6	1558.4	1028.3	682.8	474.6	348.8	271.8	221.9	189.0	166.4	148.8
-7.5°	2082.4	1424.0	947.4	640.2	452.3	336.6	265.7	218.6	187.1	165.0	147.5
-10°	1810.6	1243.3	844.1	585.1	420.7	319.8	256.4	213.3	184.0	162.5	145.6
-12.5°	1522.9	1055.5	724.6	512.6	379.8	298.6	243.9	206.0	179.5	159.0	143.2
-15°	1218.7	875.3	626.3	457.6	346.2	277.1	229.8	196.4	173.8	154.6	140.2
-17.5°	980.5	708.2	514.4	391.7	312.1	257.3	217.6	188.9	168.0	150.5	137.3
-20°	757.0	560.8	434.2	342.3	278.6	234.2	203.0	180.5	161.9	146.8	135.0



Classified

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

Scaled Data Report



REPORT NUMBER: P626629 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	568.8	454.5	361.0	294.0	250.1	216.2	190.4	171.2	155.2	142.5	132.1
-25°	440.8	365.3	304.4	260.2	224.6	197.4	178.3	162.4	149.2	138.4	128.9
-27.5°	347.4	297.7	262.6	228.7	202.6	183.4	167.2	153.5	142.7	133.7	125.8
-30°	281.6	252.6	226.7	203.7	185.8	169.9	156.5	146.0	136.9	128.8	121.9
-32.5°	235.6	218.0	199.1	184.6	170.4	158.1	147.8	138.8	131.1	124.4	118.5
-35°	204.4	191.9	179.4	168.2	157.4	148.0	139.4	132.3	125.9	120.0	115.1
-37.5°	181.2	172.1	163.4	154.4	146.4	138.8	132.3	126.4	120.8	116.2	111.5
-40°	163.1	156.2	149.8	142.8	136.9	131.1	125.9	120.8	116.5	112.3	107.8
-42.5°	148.5	143.3	138.4	133.7	128.8	124.4	119.9	115.8	111.9	108.1	104.0
-45°	136.4	133.0	129.3	125.8	121.9	118.3	114.3	110.8	107.3	103.7	100.0
-47.5°	127.0	124.5	121.7	119.1	116.1	112.7	109.2	105.9	102.6	99.3	96.3
-50°	119.1	117.3	115.4	113.3	110.5	107.4	104.2	100.9	97.9	95.1	92.1
-52.5°	112.7	111.3	109.6	107.5	105.0	102.1	99.1	96.0	93.1	90.4	87.2
-55°	107.2	105.8	104.0	101.8	99.5	97.0	94.3	91.1	88.1	85.4	81.8
-57.5°	101.5	100.1	98.1	96.2	94.5	91.9	88.9	85.9	83.1	80.1	76.3
-60°	94.2	93.1	91.4	89.7	87.9	85.6	82.7	80.1	77.9	73.6	69.2
-62.5°	85.8	84.9	83.4	81.6	79.8	77.8	75.5	72.7	69.3	65.6	61.8
-65°	76.4	75.1	73.8	72.5	71.1	69.5	67.1	64.2	61.1	57.9	54.5
-67.5°	67.0	65.7	64.7	63.7	62.4	60.8	58.4	55.8	52.9	49.7	46.7
-70°	58.1	57.2	56.2	55.0	53.6	52.0	49.9	47.4	44.5	41.7	39.6
-72.5°	49.7	48.9	48.0	46.8	45.4	43.7	41.6	39.3	37.2	35.1	33.2
-75°	41.2	40.6	39.8	38.3	36.7	34.8	33.1	31.7	30.2	28.6	27.0
-77.5°	32.5	31.9	31.2	29.8	28.5	27.1	25.8	24.6	23.5	22.4	21.2
-80°	23.5	23.1	22.6	21.7	20.9	20.0	19.2	18.3	17.5	16.5	15.6
-82.5°	15.7	15.4	15.0	14.6	14.2	13.7	13.2	12.5	11.7	10.8	10.0
-85°	9.3	9.1	8.9	8.6	8.4	8.1	7.8	7.4	6.9	6.5	6.1
-87.5°	3.8	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.1	2.9	2.8
-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: P626629 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-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°	2.7	2.6	2.4	2.3	2.1	2.0	1.8	1.7	1.5	1.4	1.2
85°	5.8	5.6	5.2	4.9	4.4	4.0	3.7	3.4	3.1	2.7	2.4
82.5°	9.5	9.1	8.8	8.3	7.7	7.0	6.3	5.6	4.9	4.1	3.6
80°	14.6	13.7	12.9	12.0	11.0	10.0	9.0	8.1	7.1	6.2	5.2
77.5°	19.9	18.6	17.2	16.0	14.7	13.4	12.1	10.7	9.4	8.2	7.0
75°	25.3	23.6	22.0	20.3	18.6	16.8	15.2	13.6	11.9	10.2	8.7
72.5°	31.2	29.1	27.0	24.8	22.8	20.7	18.5	16.4	14.5	12.5	10.5
70°	37.4	34.8	32.3	29.8	27.2	24.5	22.1	19.6	17.1	14.8	12.5
67.5°	43.9	41.3	38.2	35.0	32.1	29.0	25.7	22.8	19.9	17.1	14.5
65°	51.0	47.7	44.6	40.8	37.1	33.6	30.0	26.1	22.8	19.6	16.4
62.5°	58.0	54.0	50.3	46.4	42.3	38.3	34.2	29.9	25.7	22.1	18.5
60°	64.9	60.5	55.8	51.4	47.2	42.9	38.3	33.5	28.9	24.5	20.7
57.5°	71.4	66.8	61.5	56.4	51.6	47.1	42.2	37.1	32.0	27.2	22.7
55°	77.5	72.4	66.9	61.3	56.0	51.0	45.9	40.5	35.0	29.8	24.7
52.5°	83.1	77.8	71.9	66.0	60.1	54.8	49.4	43.7	37.9	32.4	26.9
50°	88.4	83.1	76.9	70.5	64.1	58.4	52.8	46.8	40.7	34.8	29.0
47.5°	92.9	87.9	81.9	75.0	68.2	62.1	56.1	49.9	43.3	37.1	31.0
45°	96.6	92.3	86.5	79.6	72.3	65.8	59.4	52.9	46.0	39.3	33.0
42.5°	100.0	96.1	90.8	84.1	76.6	69.5	62.6	55.8	48.6	41.5	34.8
40°	103.5	99.3	94.8	88.1	80.5	73.1	65.9	58.6	51.2	43.6	36.6
37.5°	106.8	102.4	97.9	91.7	84.1	76.4	69.0	61.4	53.5	45.7	38.3
35°	110.1	105.2	100.5	94.6	87.2	79.5	71.9	64.0	55.7	47.6	39.9
32.5°	113.3	107.8	102.7	96.9	90.1	82.2	74.5	66.3	57.8	49.4	41.4
30°	116.1	110.3	104.8	99.2	92.5	84.6	76.8	68.4	59.8	51.0	42.8
27.5°	118.5	112.3	106.9	101.1	94.4	86.8	78.7	70.3	61.5	52.5	44.1
25°	120.8	114.1	108.5	102.9	96.3	88.9	80.5	71.9	63.1	54.0	45.3
22.5°	123.3	115.8	109.8	104.6	98.1	91.0	82.2	73.4	64.5	55.3	46.3
20°	125.6	117.3	110.7	105.9	99.6	92.6	83.9	74.7	65.6	56.4	47.3
17.5°	127.6	118.9	112.0	106.7	100.8	93.9	85.4	75.8	66.6	57.4	48.1
15°	129.7	120.6	113.1	107.3	101.7	95.1	86.8	76.8	67.4	58.2	48.8
12.5°	131.5	122.0	114.0	107.8	102.4	96.0	88.0	77.6	68.0	58.9	49.4
10°	133.0	123.0	114.7	108.2	102.9	96.7	89.0	78.4	68.7	59.5	50.0
7.5°	134.2	123.8	115.1	108.4	103.3	97.2	89.9	79.4	69.2	59.9	50.4
5°	135.1	124.4	115.8	109.0	103.7	97.6	90.5	80.1	69.7	60.1	50.7
2.5°	135.8	124.8	116.5	109.6	103.9	97.9	90.9	80.7	69.9	60.1	50.9
0°	136.0	125.0	117.0	110.0	104.0	98.0	91.0	81.0	70.0	60.0	51.0
-2.5°	135.8	124.8	116.5	109.6	103.9	97.9	90.9	80.7	69.9	60.1	50.9
-5°	135.1	124.4	115.8	109.0	103.7	97.6	90.5	80.1	69.7	60.1	50.7
-7.5°	134.2	123.8	115.1	108.4	103.3	97.2	89.9	79.4	69.2	59.9	50.4
-10°	133.0	123.0	114.7	108.2	102.9	96.7	89.0	78.4	68.7	59.5	50.0
-12.5°	131.5	122.0	114.0	107.8	102.4	96.0	88.0	77.6	68.0	58.9	49.4
-15°	129.7	120.6	113.1	107.3	101.7	95.1	86.8	76.8	67.4	58.2	48.8
-17.5°	127.6	118.9	112.0	106.7	100.8	93.9	85.4	75.8	66.6	57.4	48.1
-20°	125.6	117.3	110.7	105.9	99.6	92.6	83.9	74.7	65.6	56.4	47.3

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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	123.3	115.8	109.8	104.6	98.1	91.0	82.2	73.4	64.5	55.3	46.3
-25°	120.8	114.1	108.5	102.9	96.3	88.9	80.5	71.9	63.1	54.0	45.3
-27.5°	118.5	112.3	106.9	101.1	94.4	86.8	78.7	70.3	61.5	52.5	44.1
-30°	116.1	110.3	104.8	99.2	92.5	84.6	76.8	68.4	59.8	51.0	42.8
-32.5°	113.3	107.8	102.7	96.9	90.1	82.2	74.5	66.3	57.8	49.4	41.4
-35°	110.1	105.2	100.5	94.6	87.2	79.5	71.9	64.0	55.7	47.6	39.9
-37.5°	106.8	102.4	97.9	91.7	84.1	76.4	69.0	61.4	53.5	45.7	38.3
-40°	103.5	99.3	94.8	88.1	80.5	73.1	65.9	58.6	51.2	43.6	36.6
-42.5°	100.0	96.1	90.8	84.1	76.6	69.5	62.6	55.8	48.6	41.5	34.8
-45°	96.6	92.3	86.5	79.6	72.3	65.8	59.4	52.9	46.0	39.3	33.0
-47.5°	92.9	87.9	81.9	75.0	68.2	62.1	56.1	49.9	43.3	37.1	31.0
-50°	88.4	83.1	76.9	70.5	64.1	58.4	52.8	46.8	40.7	34.8	29.0
-52.5°	83.1	77.8	71.9	66.0	60.1	54.8	49.4	43.7	37.9	32.4	26.9
-55°	77.5	72.4	66.9	61.3	56.0	51.0	45.9	40.5	35.0	29.8	24.7
-57.5°	71.4	66.8	61.5	56.4	51.6	47.1	42.2	37.1	32.0	27.2	22.7
-60°	64.9	60.5	55.8	51.4	47.2	42.9	38.3	33.5	28.9	24.5	20.7
-62.5°	58.0	54.0	50.3	46.4	42.3	38.3	34.2	29.9	25.7	22.1	18.5
-65°	51.0	47.7	44.6	40.8	37.1	33.6	30.0	26.1	22.8	19.6	16.4
-67.5°	43.9	41.3	38.2	35.0	32.1	29.0	25.7	22.8	19.9	17.1	14.5
-70°	37.4	34.8	32.3	29.8	27.2	24.5	22.1	19.6	17.1	14.8	12.5
-72.5°	31.2	29.1	27.0	24.8	22.8	20.7	18.5	16.4	14.5	12.5	10.5
-75°	25.3	23.6	22.0	20.3	18.6	16.8	15.2	13.6	11.9	10.2	8.7
-77.5°	19.9	18.6	17.2	16.0	14.7	13.4	12.1	10.7	9.4	8.2	7.0
-80°	14.6	13.7	12.9	12.0	11.0	10.0	9.0	8.1	7.1	6.2	5.2
-82.5°	9.5	9.1	8.8	8.3	7.7	7.0	6.3	5.6	4.9	4.1	3.6
-85°	5.8	5.6	5.2	4.9	4.4	4.0	3.7	3.4	3.1	2.7	2.4
-87.5°	2.7	2.6	2.4	2.3	2.1	2.0	1.8	1.7	1.5	1.4	1.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
85°	2.1	1.7	1.4	1.0	0.7	0.3	0.0
82.5°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
80°	4.2	3.4	2.8	2.1	1.4	0.6	0.0
77.5°	5.7	4.4	3.4	2.6	1.7	0.8	0.0
75°	7.2	5.6	4.2	3.1	2.1	0.9	0.0
72.5°	8.7	6.8	5.1	3.6	2.4	1.0	0.0
70°	10.1	8.0	6.0	4.1	2.7	1.2	0.0
67.5°	11.8	9.1	6.8	4.8	3.0	1.3	0.0
65°	13.4	10.3	7.7	5.4	3.3	1.5	0.0
62.5°	15.1	11.7	8.5	6.0	3.6	1.6	0.0
60°	16.6	13.0	9.3	6.6	3.9	1.7	0.0
57.5°	18.4	14.3	10.3	7.1	4.2	1.8	0.0
55°	20.1	15.5	11.3	7.7	4.6	2.0	0.0
52.5°	21.7	16.7	12.3	8.2	4.9	2.1	0.0
50°	23.3	18.1	13.2	8.7	5.3	2.2	0.0
47.5°	24.9	19.3	14.1	9.2	5.6	2.3	0.0
45°	26.5	20.6	15.0	9.9	5.9	2.4	0.0
42.5°	28.1	21.7	15.8	10.5	6.2	2.5	0.0
40°	29.6	22.9	16.6	11.1	6.5	2.5	0.0
37.5°	31.1	23.9	17.5	11.6	6.8	2.6	0.0
35°	32.4	25.0	18.2	12.2	7.0	2.7	0.0
32.5°	33.7	26.0	19.0	12.7	7.3	2.8	0.0
30°	34.9	27.0	19.7	13.2	7.5	2.8	0.0
27.5°	36.0	27.9	20.4	13.6	7.7	2.9	0.0
25°	37.0	28.8	21.0	14.0	8.0	2.9	0.0
22.5°	37.9	29.5	21.5	14.4	8.1	2.9	0.0
20°	38.7	30.2	22.1	14.7	8.3	3.0	0.0
17.5°	39.4	30.7	22.5	15.0	8.5	3.0	0.0
15°	39.9	31.2	22.9	15.3	8.6	3.0	0.0
12.5°	40.4	31.5	23.2	15.5	8.7	3.0	0.0
10°	40.7	31.8	23.5	15.7	8.8	3.0	0.0
7.5°	40.9	32.0	23.7	15.8	8.9	3.0	0.0
5°	41.1	32.1	23.9	15.9	9.0	3.0	0.0
2.5°	41.1	32.1	24.0	16.0	9.0	3.0	0.0
0°	41.0	32.0	24.0	16.0	9.0	3.0	0.0
-2.5°	41.1	32.1	24.0	16.0	9.0	3.0	0.0
-5°	41.1	32.1	23.9	15.9	9.0	3.0	0.0
-7.5°	40.9	32.0	23.7	15.8	8.9	3.0	0.0
-10°	40.7	31.8	23.5	15.7	8.8	3.0	0.0
-12.5°	40.4	31.5	23.2	15.5	8.7	3.0	0.0
-15°	39.9	31.2	22.9	15.3	8.6	3.0	0.0
-17.5°	39.4	30.7	22.5	15.0	8.5	3.0	0.0
-20°	38.7	30.2	22.1	14.7	8.3	3.0	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	37.9	29.5	21.5	14.4	8.1	2.9	0.0
-25°	37.0	28.8	21.0	14.0	8.0	2.9	0.0
-27.5°	36.0	27.9	20.4	13.6	7.7	2.9	0.0
-30°	34.9	27.0	19.7	13.2	7.5	2.8	0.0
-32.5°	33.7	26.0	19.0	12.7	7.3	2.8	0.0
-35°	32.4	25.0	18.2	12.2	7.0	2.7	0.0
-37.5°	31.1	23.9	17.5	11.6	6.8	2.6	0.0
-40°	29.6	22.9	16.6	11.1	6.5	2.5	0.0
-42.5°	28.1	21.7	15.8	10.5	6.2	2.5	0.0
-45°	26.5	20.6	15.0	9.9	5.9	2.4	0.0
-47.5°	24.9	19.3	14.1	9.2	5.6	2.3	0.0
-50°	23.3	18.1	13.2	8.7	5.3	2.2	0.0
-52.5°	21.7	16.7	12.3	8.2	4.9	2.1	0.0
-55°	20.1	15.5	11.3	7.7	4.6	2.0	0.0
-57.5°	18.4	14.3	10.3	7.1	4.2	1.8	0.0
-60°	16.6	13.0	9.3	6.6	3.9	1.7	0.0
-62.5°	15.1	11.7	8.5	6.0	3.6	1.6	0.0
-65°	13.4	10.3	7.7	5.4	3.3	1.5	0.0
-67.5°	11.8	9.1	6.8	4.8	3.0	1.3	0.0
-70°	10.1	8.0	6.0	4.1	2.7	1.2	0.0
-72.5°	8.7	6.8	5.1	3.6	2.4	1.0	0.0
-75°	7.2	5.6	4.2	3.1	2.1	0.9	0.0
-77.5°	5.7	4.4	3.4	2.6	1.7	0.8	0.0
-80°	4.2	3.4	2.8	2.1	1.4	0.6	0.0
-82.5°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
-85°	2.1	1.7	1.4	1.0	0.7	0.3	0.0
-87.5°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)