

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P626839 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2B-727-U-NR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P626839 (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: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2B-727-U-NR-XX
Description: GALLEON FLOOD, TWO LIGHT SQUARE, NARROW SYMMETRICAL ROUND N37
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8437.8 lumens
Efficiency: N/A
Efficacy: 132.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 79463.2 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.7°H x 13.6°V
Beam Lumens: 2494.7 lumens
Beam Efficiency: 29.6%

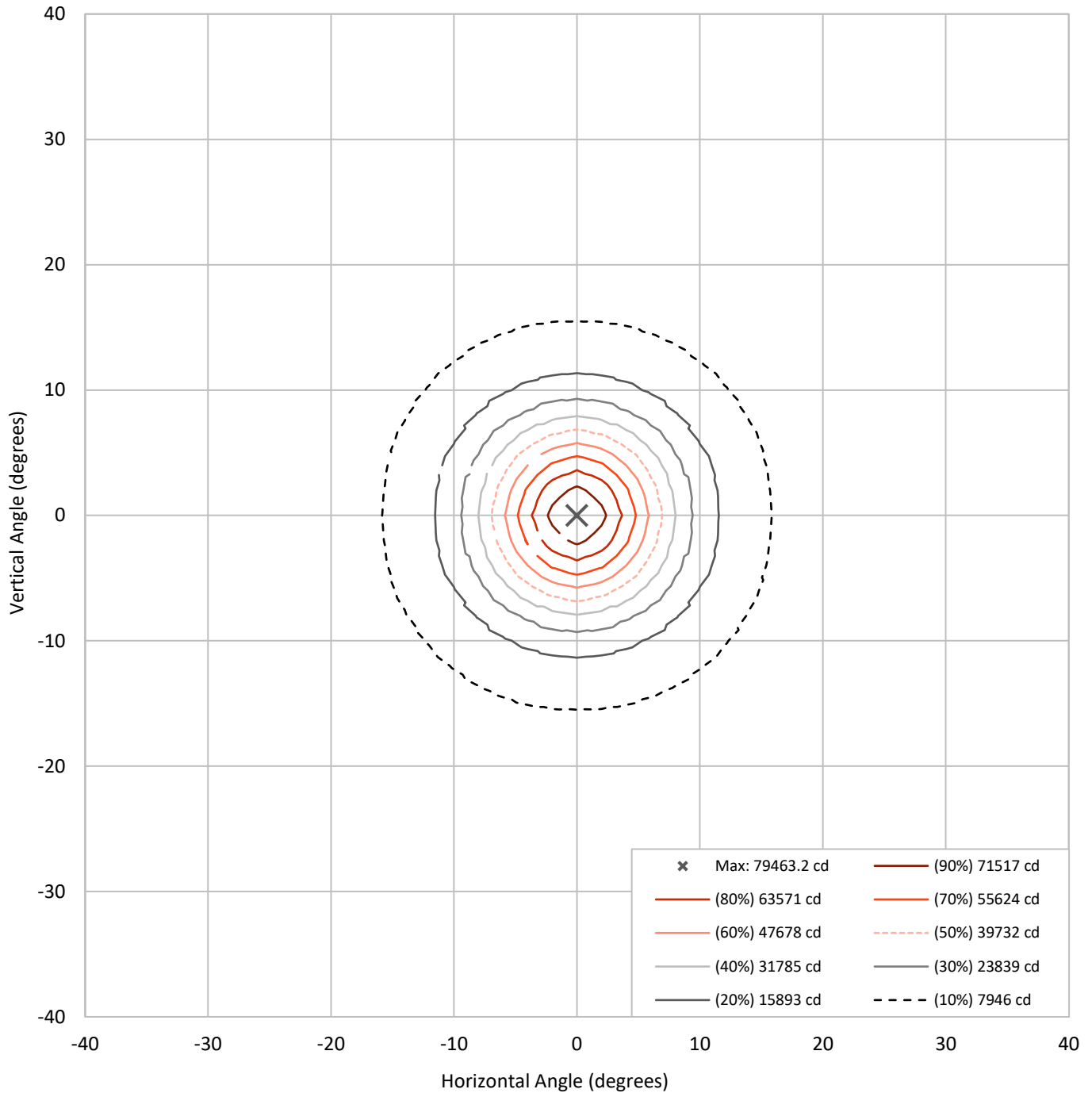
Field Angle (10%): 31.6°H x 30.6°V
Field Lumens: 5614.1 lumens
Field Efficiency: 66.5%

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





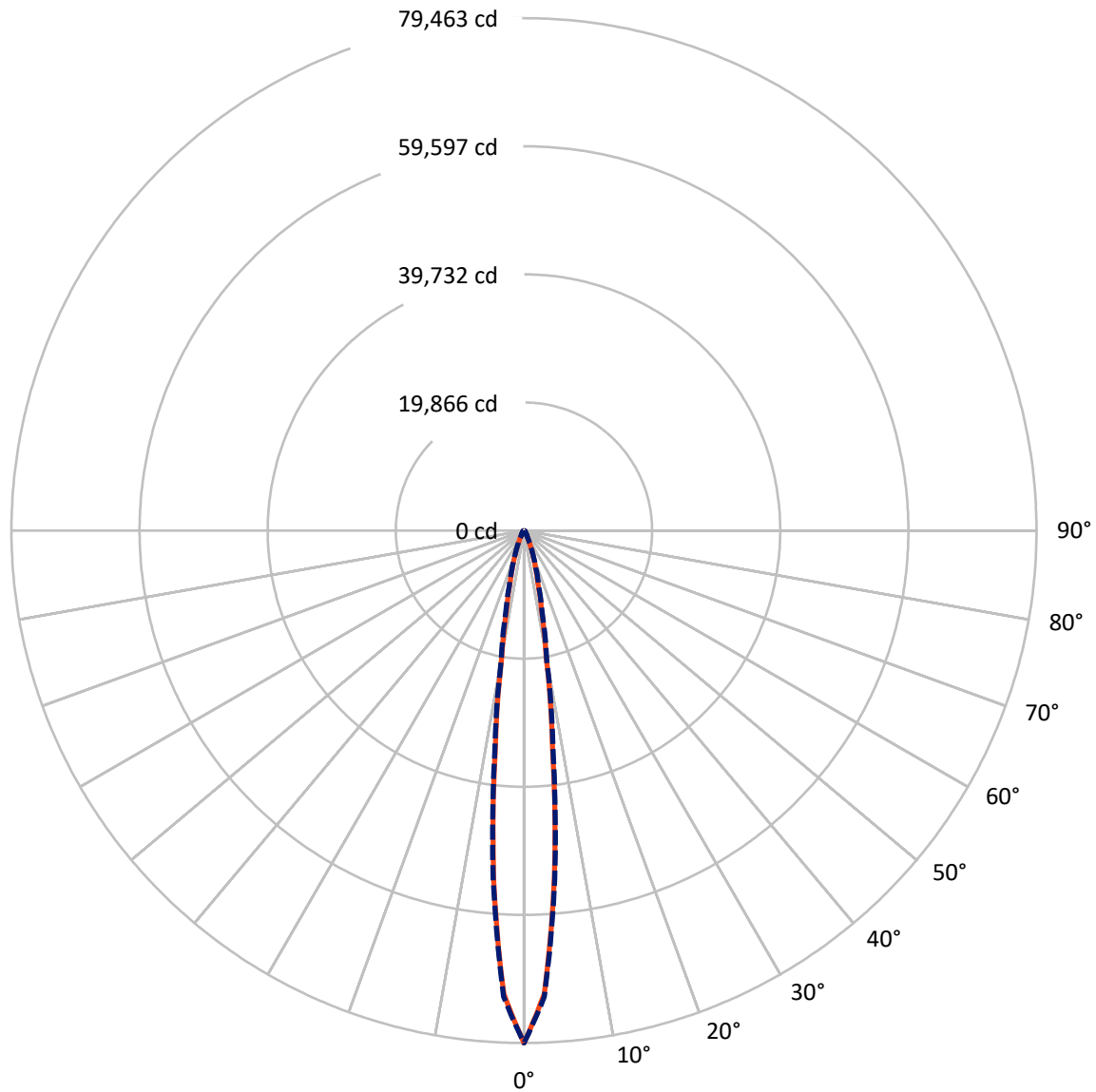
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Lumen Table

90	0.1	1.2	3.0	4.9	5.4	4.9	3.0	1.2	0.1							
80	0.1	1.2	3.0	4.9	5.4	4.9	3.0	1.2	0.1							
70	0.5	0.6	1.2	2.0	2.8	3.5	3.9	4.1	4.1	3.9	3.5	2.8	2.0	1.2	0.6	0.5
60		0.9	1.8	3.0	4.0	4.9	5.4	5.7	5.7	5.4	4.9	4.0	3.0	1.8	0.9	
50	0.9	1.2	2.4	3.7	4.9	6.1	7.2	7.8	7.8	7.2	6.1	4.9	3.7	2.4	1.2	0.9
40		1.4	2.8	4.2	6.0	8.6	12.2	15.1	15.1	12.2	8.6	6.0	4.2	2.8	1.4	
30	1.2	1.6	3.0	4.8	7.8	15.4	35.1	58.1	58.1	35.1	15.4	7.8	4.8	3.0	1.6	1.2
20		1.7	3.2	5.3	10.3	32.7	116.2	250.4	250.4	116.2	32.7	10.3	5.3	3.2	1.7	
10	1.3	1.8	3.3	5.6	12.5	54.0	252.7	1091.6	1091.6	252.7	54.0	12.5	5.6	3.3	1.8	1.3
0		1.8	3.3	5.6	12.5	54.0	252.7	1091.6	1091.6	252.7	54.0	12.5	5.6	3.3	1.8	
-10	1.2	1.7	3.2	5.3	10.3	32.7	116.2	250.4	250.4	116.2	32.7	10.3	5.3	3.2	1.7	1.2
-20		1.6	3.0	4.8	7.8	15.4	35.1	58.1	58.1	35.1	15.4	7.8	4.8	3.0	1.6	
-30	0.9	1.4	2.8	4.2	6.0	8.6	12.2	15.1	15.1	12.2	8.6	6.0	4.2	2.8	1.4	0.9
-40		1.2	2.4	3.7	4.9	6.1	7.2	7.8	7.8	7.2	6.1	4.9	3.7	2.4	1.2	
-50	0.5	0.9	1.8	3.0	4.0	4.9	5.4	5.7	5.7	5.4	4.9	4.0	3.0	1.8	0.9	0.5
-60		0.6	1.2	2.0	2.8	3.5	3.9	4.1	4.1	3.9	3.5	2.8	2.0	1.2	0.6	
-70	0.1	1.2	3.0	4.9	5.4	4.9	3.0	1.2	0.1							
-80		0.1	1.2	3.0	4.9	5.4	4.9	3.0	1.2	0.1						
-90	0.1	1.2	3.0	4.9	5.4	4.9	3.0	1.2	0.1							

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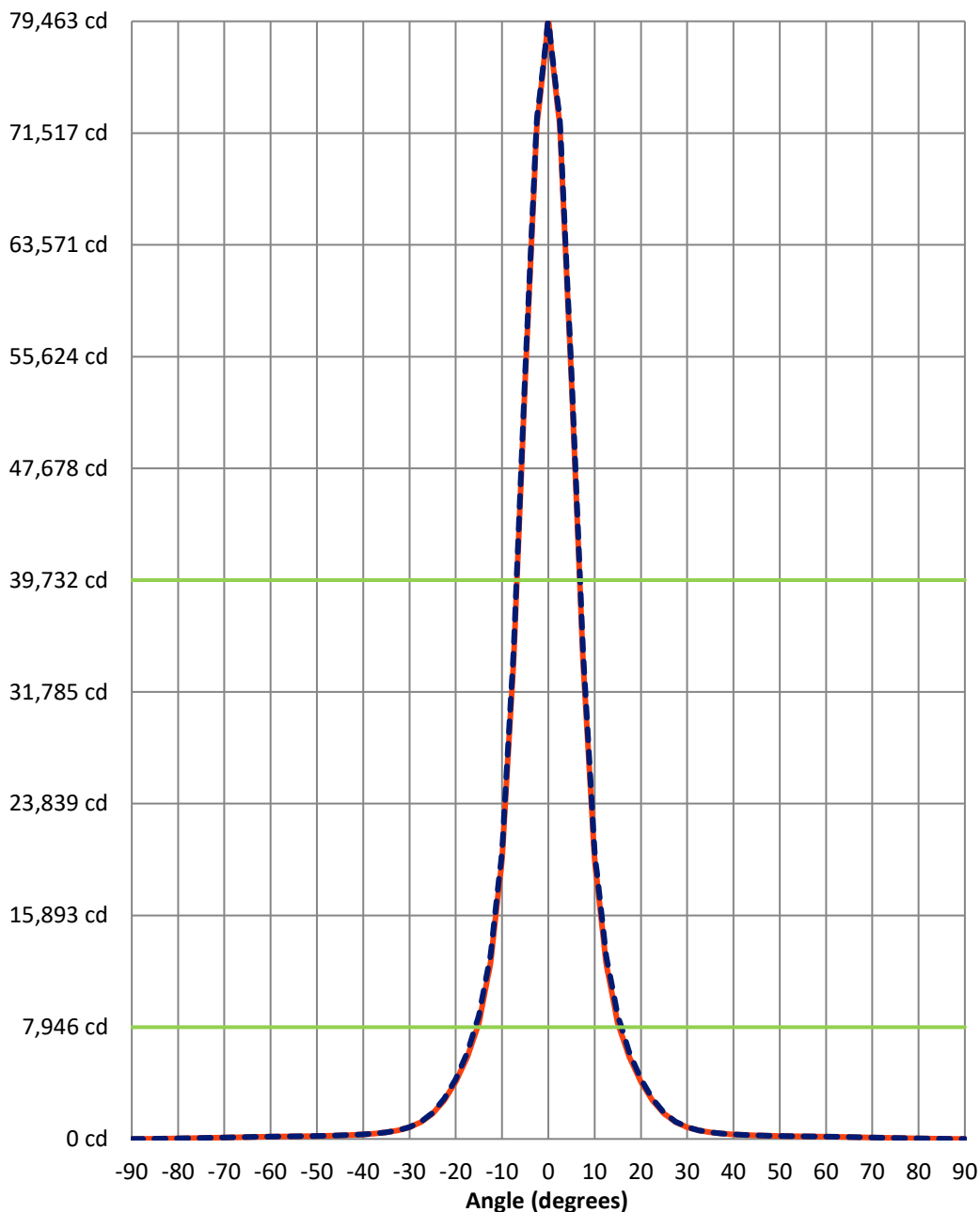
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 2494.7
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 5614.1
 Efficiency: 66.5%

Spill:
 Lumens: 2823.7
 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	0.6	0.9	1.2	1.5	1.8	2.0	2.3	2.6	2.9
85°	0.0	0.5	1.2	1.8	2.4	2.9	3.5	4.1	4.6	5.2	5.7
82.5°	0.0	0.8	1.8	2.7	3.5	4.4	5.3	6.1	7.0	8.3	9.5
80°	0.0	1.0	2.3	3.5	4.7	5.9	7.1	8.8	10.5	12.1	13.8
77.5°	0.0	1.3	2.9	4.4	5.9	7.5	9.7	11.8	13.9	16.0	18.2
75°	0.0	1.5	3.5	5.3	7.1	9.6	12.2	14.8	17.4	20.3	23.1
72.5°	0.0	1.8	4.0	6.1	8.6	11.6	14.7	17.9	21.3	24.7	28.0
70°	0.0	2.0	4.6	7.0	10.1	13.5	17.2	21.3	25.2	29.0	33.3
67.5°	0.0	2.3	5.1	8.1	11.6	15.5	20.1	24.7	29.0	33.9	38.8
65°	0.0	2.5	5.6	9.1	13.1	17.6	22.9	28.0	33.3	38.8	44.5
62.5°	0.0	2.7	6.1	10.2	14.5	19.8	25.6	31.5	37.6	43.8	50.9
60°	0.0	2.9	6.6	11.1	15.9	22.1	28.3	35.2	41.8	49.2	57.1
57.5°	0.0	3.1	7.2	12.1	17.6	24.2	31.2	38.7	46.3	54.6	63.1
55°	0.0	3.3	7.8	13.0	19.3	26.3	34.1	42.1	50.8	59.7	68.9
52.5°	0.0	3.5	8.4	13.9	20.9	28.4	37.0	45.8	55.1	64.6	74.4
50°	0.0	3.7	8.9	14.8	22.5	30.7	39.7	49.4	59.2	69.3	79.7
47.5°	0.0	3.9	9.5	15.7	24.0	32.9	42.4	52.8	63.2	73.8	84.9
45°	0.0	4.0	10.0	16.8	25.4	35.0	45.2	56.1	67.0	78.3	90.0
42.5°	0.0	4.2	10.5	17.8	26.8	37.0	47.9	59.3	70.6	82.8	95.0
40°	0.0	4.3	11.0	18.8	28.2	38.9	50.5	62.3	74.1	87.1	99.8
37.5°	0.0	4.5	11.5	19.8	29.7	40.7	52.9	65.2	77.7	91.1	104.5
35°	0.0	4.6	12.0	20.7	31.0	42.6	55.2	67.9	81.0	94.9	109.0
32.5°	0.0	4.7	12.4	21.6	32.3	44.4	57.4	70.4	84.1	98.5	112.9
30°	0.0	4.8	12.8	22.4	33.5	46.0	59.4	72.8	86.9	101.8	116.5
27.5°	0.0	4.9	13.2	23.1	34.7	47.6	61.3	75.0	89.4	104.8	119.7
25°	0.0	4.9	13.5	23.8	35.7	49.0	63.0	77.1	91.9	107.5	122.5
22.5°	0.0	5.0	13.8	24.5	36.7	50.3	64.5	78.9	94.1	109.8	124.9
20°	0.0	5.1	14.1	25.0	37.6	51.4	65.9	80.5	96.0	111.8	127.1
17.5°	0.0	5.1	14.4	25.5	38.3	52.3	67.0	81.8	97.7	113.4	129.1
15°	0.0	5.1	14.6	26.0	39.0	53.1	68.0	83.0	99.2	114.8	130.8
12.5°	0.0	5.2	14.8	26.3	39.6	53.7	68.7	84.1	100.4	115.8	132.2
10°	0.0	5.2	15.0	26.7	40.1	54.1	69.3	85.1	101.3	117.0	133.6
7.5°	0.0	5.2	15.1	26.9	40.4	54.4	69.7	85.8	102.0	117.9	135.1
5°	0.0	5.2	15.2	27.1	40.7	54.6	69.9	86.3	102.3	118.6	136.4
2.5°	0.0	5.1	15.3	27.2	40.8	54.6	69.9	86.7	102.4	119.0	137.3
0°	0.0	5.1	15.3	27.2	40.8	54.6	69.9	86.7	102.4	119.0	137.3
-2.5°	0.0	5.1	15.3	27.2	40.8	54.6	69.9	86.7	102.4	119.0	137.3
-5°	0.0	5.2	15.2	27.1	40.7	54.6	69.9	86.3	102.3	118.6	136.4
-7.5°	0.0	5.2	15.1	26.9	40.4	54.4	69.7	85.8	102.0	117.9	135.1
-10°	0.0	5.2	15.0	26.7	40.1	54.1	69.3	85.1	101.3	117.0	133.6
-12.5°	0.0	5.2	14.8	26.3	39.6	53.7	68.7	84.1	100.4	115.8	132.2
-15°	0.0	5.1	14.6	26.0	39.0	53.1	68.0	83.0	99.2	114.8	130.8
-17.5°	0.0	5.1	14.4	25.5	38.3	52.3	67.0	81.8	97.7	113.4	129.1
-20°	0.0	5.1	14.1	25.0	37.6	51.4	65.9	80.5	96.0	111.8	127.1

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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	5.0	13.8	24.5	36.7	50.3	64.5	78.9	94.1	109.8	124.9
-25°	0.0	4.9	13.5	23.8	35.7	49.0	63.0	77.1	91.9	107.5	122.5
-27.5°	0.0	4.9	13.2	23.1	34.7	47.6	61.3	75.0	89.4	104.8	119.7
-30°	0.0	4.8	12.8	22.4	33.5	46.0	59.4	72.8	86.9	101.8	116.5
-32.5°	0.0	4.7	12.4	21.6	32.3	44.4	57.4	70.4	84.1	98.5	112.9
-35°	0.0	4.6	12.0	20.7	31.0	42.6	55.2	67.9	81.0	94.9	109.0
-37.5°	0.0	4.5	11.5	19.8	29.7	40.7	52.9	65.2	77.7	91.1	104.5
-40°	0.0	4.3	11.0	18.8	28.2	38.9	50.5	62.3	74.1	87.1	99.8
-42.5°	0.0	4.2	10.5	17.8	26.8	37.0	47.9	59.3	70.6	82.8	95.0
-45°	0.0	4.0	10.0	16.8	25.4	35.0	45.2	56.1	67.0	78.3	90.0
-47.5°	0.0	3.9	9.5	15.7	24.0	32.9	42.4	52.8	63.2	73.8	84.9
-50°	0.0	3.7	8.9	14.8	22.5	30.7	39.7	49.4	59.2	69.3	79.7
-52.5°	0.0	3.5	8.4	13.9	20.9	28.4	37.0	45.8	55.1	64.6	74.4
-55°	0.0	3.3	7.8	13.0	19.3	26.3	34.1	42.1	50.8	59.7	68.9
-57.5°	0.0	3.1	7.2	12.1	17.6	24.2	31.2	38.7	46.3	54.6	63.1
-60°	0.0	2.9	6.6	11.1	15.9	22.1	28.3	35.2	41.8	49.2	57.1
-62.5°	0.0	2.7	6.1	10.2	14.5	19.8	25.6	31.5	37.6	43.8	50.9
-65°	0.0	2.5	5.6	9.1	13.1	17.6	22.9	28.0	33.3	38.8	44.5
-67.5°	0.0	2.3	5.1	8.1	11.6	15.5	20.1	24.7	29.0	33.9	38.8
-70°	0.0	2.0	4.6	7.0	10.1	13.5	17.2	21.3	25.2	29.0	33.3
-72.5°	0.0	1.8	4.0	6.1	8.6	11.6	14.7	17.9	21.3	24.7	28.0
-75°	0.0	1.5	3.5	5.3	7.1	9.6	12.2	14.8	17.4	20.3	23.1
-77.5°	0.0	1.3	2.9	4.4	5.9	7.5	9.7	11.8	13.9	16.0	18.2
-80°	0.0	1.0	2.3	3.5	4.7	5.9	7.1	8.8	10.5	12.1	13.8
-82.5°	0.0	0.8	1.8	2.7	3.5	4.4	5.3	6.1	7.0	8.3	9.5
-85°	0.0	0.5	1.2	1.8	2.4	2.9	3.5	4.1	4.6	5.2	5.7
-87.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.0	2.3	2.6	2.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	3.1	3.4	3.7	3.9	4.1	4.4	4.6	4.8	5.0	5.2	5.4
85°	6.3	6.8	7.6	8.3	8.9	9.5	9.9	10.3	11.0	11.8	12.5
82.5°	10.7	11.9	13.0	14.1	14.9	15.5	16.1	16.9	18.4	19.9	21.2
80°	15.4	16.9	18.7	20.4	21.9	23.4	24.9	26.5	28.1	29.7	31.2
77.5°	20.5	22.8	25.0	27.1	29.3	31.6	33.9	36.0	38.1	40.1	42.0
75°	25.9	28.6	31.6	34.6	37.5	40.3	43.0	45.9	48.7	51.4	53.9
72.5°	31.5	35.2	38.8	42.2	46.0	49.6	53.1	56.5	59.8	63.3	67.0
70°	37.6	41.8	46.4	50.8	54.9	59.3	63.7	67.4	71.0	75.8	80.6
67.5°	43.8	49.4	54.6	59.6	65.1	70.3	74.7	79.5	84.6	90.1	94.9
65°	51.1	57.2	63.2	69.5	75.9	81.3	86.8	92.7	98.5	104.0	109.3
62.5°	58.3	65.1	72.1	79.0	85.5	92.0	98.7	105.3	111.7	118.1	123.7
60°	65.2	73.0	80.3	87.5	95.0	103.0	110.5	117.8	125.4	132.6	136.4
57.5°	71.9	80.2	87.9	96.0	104.8	113.8	121.6	129.9	136.4	141.4	146.3
55°	78.2	86.8	95.3	104.4	113.9	123.3	132.0	139.3	145.3	149.9	155.1
52.5°	84.1	93.2	102.4	112.3	122.4	132.4	141.5	148.4	153.8	158.5	163.4
50°	89.9	99.5	109.2	120.1	130.9	141.5	150.4	156.7	161.8	166.7	171.7
47.5°	95.6	105.7	116.1	127.7	139.4	149.6	158.1	163.9	169.1	174.7	180.3
45°	101.2	112.1	123.1	135.5	147.3	157.2	164.4	170.3	176.6	182.7	188.6
42.5°	106.7	118.4	130.4	143.2	154.6	163.5	170.3	177.1	184.0	190.5	197.2
40°	112.2	124.4	137.1	149.9	161.4	169.1	176.3	183.6	191.2	198.3	205.6
37.5°	117.4	130.1	143.2	156.1	166.6	174.4	181.8	189.9	197.9	205.6	215.2
35°	122.4	135.3	148.5	161.0	171.1	179.2	187.4	196.0	204.3	214.4	225.3
32.5°	126.9	140.0	153.4	165.0	174.9	183.6	192.8	201.8	211.8	223.2	236.3
30°	130.7	144.1	157.5	168.9	178.5	187.7	197.8	207.6	219.3	233.0	248.7
27.5°	134.0	147.7	160.8	172.2	182.0	191.1	201.7	214.1	227.6	243.0	261.3
25°	137.1	151.4	163.9	175.2	184.8	194.3	205.6	219.4	235.6	254.1	276.5
22.5°	140.0	155.0	167.0	178.1	186.9	197.2	210.0	224.9	242.6	264.2	291.5
20°	142.8	157.6	169.5	180.4	188.5	199.8	213.8	229.8	249.9	275.6	307.2
17.5°	145.4	159.9	171.5	181.7	190.7	202.5	217.2	233.7	256.2	286.0	321.7
15°	147.7	161.8	173.1	182.8	192.6	205.4	220.7	238.7	263.2	295.9	334.5
12.5°	149.8	163.3	174.4	183.6	194.1	207.7	223.9	243.8	270.7	305.6	350.7
10°	151.5	164.5	175.2	184.2	195.2	209.5	226.5	248.0	276.7	313.2	363.2
7.5°	153.0	165.5	175.8	184.5	196.0	210.7	228.5	251.1	280.8	318.6	372.2
5°	154.1	166.2	176.5	185.6	197.1	211.7	230.0	253.3	283.3	321.8	377.8
2.5°	154.7	166.7	177.0	186.6	198.3	212.5	231.1	255.7	285.3	324.9	382.0
0°	154.9	166.8	177.1	187.3	199.2	212.8	231.5	257.1	286.0	326.9	384.8
-2.5°	154.7	166.7	177.0	186.6	198.3	212.5	231.1	255.7	285.3	324.9	382.0
-5°	154.1	166.2	176.5	185.6	197.1	211.7	230.0	253.3	283.3	321.8	377.8
-7.5°	153.0	165.5	175.8	184.5	196.0	210.7	228.5	251.1	280.8	318.6	372.2
-10°	151.5	164.5	175.2	184.2	195.2	209.5	226.5	248.0	276.7	313.2	363.2
-12.5°	149.8	163.3	174.4	183.6	194.1	207.7	223.9	243.8	270.7	305.6	350.7
-15°	147.7	161.8	173.1	182.8	192.6	205.4	220.7	238.7	263.2	295.9	334.5
-17.5°	145.4	159.9	171.5	181.7	190.7	202.5	217.2	233.7	256.2	286.0	321.7
-20°	142.8	157.6	169.5	180.4	188.5	199.8	213.8	229.8	249.9	275.6	307.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626839 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2B-727-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°	140.0	155.0	167.0	178.1	186.9	197.2	210.0	224.9	242.6	264.2	291.5
-25°	137.1	151.4	163.9	175.2	184.8	194.3	205.6	219.4	235.6	254.1	276.5
-27.5°	134.0	147.7	160.8	172.2	182.0	191.1	201.7	214.1	227.6	243.0	261.3
-30°	130.7	144.1	157.5	168.9	178.5	187.7	197.8	207.6	219.3	233.0	248.7
-32.5°	126.9	140.0	153.4	165.0	174.9	183.6	192.8	201.8	211.8	223.2	236.3
-35°	122.4	135.3	148.5	161.0	171.1	179.2	187.4	196.0	204.3	214.4	225.3
-37.5°	117.4	130.1	143.2	156.1	166.6	174.4	181.8	189.9	197.9	205.6	215.2
-40°	112.2	124.4	137.1	149.9	161.4	169.1	176.3	183.6	191.2	198.3	205.6
-42.5°	106.7	118.4	130.4	143.2	154.6	163.5	170.3	177.1	184.0	190.5	197.2
-45°	101.2	112.1	123.1	135.5	147.3	157.2	164.4	170.3	176.6	182.7	188.6
-47.5°	95.6	105.7	116.1	127.7	139.4	149.6	158.1	163.9	169.1	174.7	180.3
-50°	89.9	99.5	109.2	120.1	130.9	141.5	150.4	156.7	161.8	166.7	171.7
-52.5°	84.1	93.2	102.4	112.3	122.4	132.4	141.5	148.4	153.8	158.5	163.4
-55°	78.2	86.8	95.3	104.4	113.9	123.3	132.0	139.3	145.3	149.9	155.1
-57.5°	71.9	80.2	87.9	96.0	104.8	113.8	121.6	129.9	136.4	141.4	146.3
-60°	65.2	73.0	80.3	87.5	95.0	103.0	110.5	117.8	125.4	132.6	136.4
-62.5°	58.3	65.1	72.1	79.0	85.5	92.0	98.7	105.3	111.7	118.1	123.7
-65°	51.1	57.2	63.2	69.5	75.9	81.3	86.8	92.7	98.5	104.0	109.3
-67.5°	43.8	49.4	54.6	59.6	65.1	70.3	74.7	79.5	84.6	90.1	94.9
-70°	37.6	41.8	46.4	50.8	54.9	59.3	63.7	67.4	71.0	75.8	80.6
-72.5°	31.5	35.2	38.8	42.2	46.0	49.6	53.1	56.5	59.8	63.3	67.0
-75°	25.9	28.6	31.6	34.6	37.5	40.3	43.0	45.9	48.7	51.4	53.9
-77.5°	20.5	22.8	25.0	27.1	29.3	31.6	33.9	36.0	38.1	40.1	42.0
-80°	15.4	16.9	18.7	20.4	21.9	23.4	24.9	26.5	28.1	29.7	31.2
-82.5°	10.7	11.9	13.0	14.1	14.9	15.5	16.1	16.9	18.4	19.9	21.2
-85°	6.3	6.8	7.6	8.3	8.9	9.5	9.9	10.3	11.0	11.8	12.5
-87.5°	3.1	3.4	3.7	3.9	4.1	4.4	4.6	4.8	5.0	5.2	5.4
-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: P626839 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-727-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°	5.6	5.7	5.9	6.0	6.2	6.3	6.4	6.5	6.6	6.2	5.9
85°	13.3	13.8	14.3	14.7	15.1	15.4	15.8	16.1	16.3	16.1	15.8
82.5°	22.4	23.3	24.1	24.8	25.5	26.2	26.7	27.2	27.7	27.6	27.5
80°	32.6	34.1	35.6	37.0	38.4	39.3	39.9	40.4	40.7	40.9	40.9
77.5°	43.9	46.2	48.5	50.8	53.1	54.4	55.3	56.1	56.7	56.8	56.7
75°	56.3	59.2	62.4	65.2	67.7	69.2	70.2	71.1	71.8	72.0	71.9
72.5°	70.8	74.3	77.2	79.6	81.6	83.3	84.6	85.7	86.6	86.9	87.0
70°	85.0	88.5	91.2	93.7	95.7	97.4	98.9	100.3	101.4	102.2	102.8
67.5°	99.4	103.5	106.3	108.5	110.2	111.9	114.0	115.8	117.3	118.3	118.8
65°	114.2	118.4	121.1	123.5	125.6	127.8	130.1	131.8	132.9	133.6	134.1
62.5°	128.5	132.4	135.8	139.0	142.0	144.6	146.1	147.5	148.8	149.8	150.5
60°	140.8	145.8	149.6	152.6	155.6	158.5	160.4	162.0	163.2	164.0	164.6
57.5°	151.3	156.4	160.9	163.8	167.1	170.5	172.8	174.1	175.3	176.3	176.8
55°	160.5	165.2	169.4	173.4	177.0	180.1	182.5	184.2	185.7	186.9	187.3
52.5°	168.7	173.9	178.8	183.0	186.6	189.5	191.9	194.1	195.7	196.8	197.3
50°	177.5	183.0	188.2	192.8	196.5	199.8	202.7	205.3	207.7	209.7	211.1
47.5°	186.0	191.8	197.6	202.7	207.1	211.9	216.2	219.8	223.4	226.3	228.3
45°	194.6	201.3	207.6	214.2	220.1	226.4	232.3	237.4	242.5	246.4	249.0
42.5°	204.1	211.8	219.3	227.6	235.7	243.9	252.8	260.6	266.7	272.4	277.1
40°	214.4	223.2	233.0	243.2	255.1	265.9	277.7	287.9	297.2	306.9	314.7
37.5°	225.3	236.3	249.3	262.8	278.2	292.9	308.5	323.7	337.1	352.8	364.8
35°	237.4	252.1	268.0	286.3	305.5	326.7	347.9	372.4	393.6	416.8	437.0
32.5°	251.7	269.2	290.1	314.2	338.9	371.1	401.1	440.1	473.9	510.7	547.8
30°	266.4	289.2	316.2	346.7	385.9	430.1	479.3	537.4	597.3	655.2	725.1
27.5°	284.6	312.2	344.9	389.4	447.0	506.8	591.5	678.7	788.8	879.8	1008.2
25°	303.5	336.0	382.4	443.0	518.2	621.9	750.5	889.8	1083.5	1253.6	1453.2
22.5°	324.1	368.0	425.8	500.5	614.6	773.8	968.4	1230.7	1516.4	1819.7	2121.3
20°	345.6	398.7	474.4	582.7	739.3	954.8	1289.0	1694.0	2102.0	2602.4	3045.5
17.5°	370.5	438.0	531.3	666.8	875.7	1205.9	1669.5	2234.8	2867.9	3587.4	4226.1
15°	391.2	471.7	589.4	779.0	1066.4	1490.4	2075.0	2852.7	3804.0	4770.3	5750.7
12.5°	415.3	508.4	646.6	872.7	1233.6	1797.1	2592.9	3577.2	4765.3	6105.6	7685.6
10°	436.6	544.4	716.3	996.1	1437.1	2117.0	3082.8	4267.0	5800.3	7728.6	10175.3
7.5°	452.4	573.1	770.0	1090.0	1613.1	2424.5	3545.6	5022.4	6970.6	9516.9	12874.9
5°	462.7	593.8	808.0	1162.5	1750.8	2653.4	3884.8	5558.1	7908.6	11509.9	17196.2
2.5°	468.9	606.1	829.7	1205.0	1834.6	2805.1	4142.9	5963.2	8516.4	12741.6	19975.5
0°	471.6	609.5	842.7	1227.5	1862.6	2863.6	4261.4	6147.8	8788.4	13029.4	20464.2
-2.5°	468.9	606.1	829.7	1205.0	1834.6	2805.1	4142.9	5963.2	8516.4	12741.6	19975.5
-5°	462.7	593.8	808.0	1162.5	1750.8	2653.4	3884.8	5558.1	7908.6	11509.9	17196.2
-7.5°	452.4	573.1	770.0	1090.0	1613.1	2424.5	3545.6	5022.4	6970.6	9516.9	12874.9
-10°	436.6	544.4	716.3	996.1	1437.1	2117.0	3082.8	4267.0	5800.3	7728.6	10175.3
-12.5°	415.3	508.4	646.6	872.7	1233.6	1797.1	2592.9	3577.2	4765.3	6105.6	7685.6
-15°	391.2	471.7	589.4	779.0	1066.4	1490.4	2075.0	2852.7	3804.0	4770.3	5750.7
-17.5°	370.5	438.0	531.3	666.8	875.7	1205.9	1669.5	2234.8	2867.9	3587.4	4226.1
-20°	345.6	398.7	474.4	582.7	739.3	954.8	1289.0	1694.0	2102.0	2602.4	3045.5

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Scaled Data Report



REPORT NUMBER: P626839 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2B-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	324.1	368.0	425.8	500.5	614.6	773.8	968.4	1230.7	1516.4	1819.7	2121.3
-25°	303.5	336.0	382.4	443.0	518.2	621.9	750.5	889.8	1083.5	1253.6	1453.2
-27.5°	284.6	312.2	344.9	389.4	447.0	506.8	591.5	678.7	788.8	879.8	1008.2
-30°	266.4	289.2	316.2	346.7	385.9	430.1	479.3	537.4	597.3	655.2	725.1
-32.5°	251.7	269.2	290.1	314.2	338.9	371.1	401.1	440.1	473.9	510.7	547.8
-35°	237.4	252.1	268.0	286.3	305.5	326.7	347.9	372.4	393.6	416.8	437.0
-37.5°	225.3	236.3	249.3	262.8	278.2	292.9	308.5	323.7	337.1	352.8	364.8
-40°	214.4	223.2	233.0	243.2	255.1	265.9	277.7	287.9	297.2	306.9	314.7
-42.5°	204.1	211.8	219.3	227.6	235.7	243.9	252.8	260.6	266.7	272.4	277.1
-45°	194.6	201.3	207.6	214.2	220.1	226.4	232.3	237.4	242.5	246.4	249.0
-47.5°	186.0	191.8	197.6	202.7	207.1	211.9	216.2	219.8	223.4	226.3	228.3
-50°	177.5	183.0	188.2	192.8	196.5	199.8	202.7	205.3	207.7	209.7	211.1
-52.5°	168.7	173.9	178.8	183.0	186.6	189.5	191.9	194.1	195.7	196.8	197.3
-55°	160.5	165.2	169.4	173.4	177.0	180.1	182.5	184.2	185.7	186.9	187.3
-57.5°	151.3	156.4	160.9	163.8	167.1	170.5	172.8	174.1	175.3	176.3	176.8
-60°	140.8	145.8	149.6	152.6	155.6	158.5	160.4	162.0	163.2	164.0	164.6
-62.5°	128.5	132.4	135.8	139.0	142.0	144.6	146.1	147.5	148.8	149.8	150.5
-65°	114.2	118.4	121.1	123.5	125.6	127.8	130.1	131.8	132.9	133.6	134.1
-67.5°	99.4	103.5	106.3	108.5	110.2	111.9	114.0	115.8	117.3	118.3	118.8
-70°	85.0	88.5	91.2	93.7	95.7	97.4	98.9	100.3	101.4	102.2	102.8
-72.5°	70.8	74.3	77.2	79.6	81.6	83.3	84.6	85.7	86.6	86.9	87.0
-75°	56.3	59.2	62.4	65.2	67.7	69.2	70.2	71.1	71.8	72.0	71.9
-77.5°	43.9	46.2	48.5	50.8	53.1	54.4	55.3	56.1	56.7	56.8	56.7
-80°	32.6	34.1	35.6	37.0	38.4	39.3	39.9	40.4	40.7	40.9	40.9
-82.5°	22.4	23.3	24.1	24.8	25.5	26.2	26.7	27.2	27.7	27.6	27.5
-85°	13.3	13.8	14.3	14.7	15.1	15.4	15.8	16.1	16.3	16.1	15.8
-87.5°	5.6	5.7	5.9	6.0	6.2	6.3	6.4	6.5	6.6	6.2	5.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626839 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	5.5	5.1	5.1	5.1	5.1	5.1	5.5	5.9	6.2	6.6	6.5
85°	15.6	15.2	15.3	15.3	15.3	15.2	15.6	15.8	16.1	16.3	16.1
82.5°	27.3	27.1	27.2	27.2	27.2	27.1	27.3	27.5	27.6	27.7	27.2
80°	40.9	40.7	40.0	39.2	40.0	40.7	40.9	40.9	40.9	40.7	40.4
77.5°	56.4	55.9	55.3	54.5	55.3	55.9	56.4	56.7	56.8	56.7	56.1
75°	71.6	71.2	71.4	71.5	71.4	71.2	71.6	71.9	72.0	71.8	71.1
72.5°	86.8	86.5	86.7	86.8	86.7	86.5	86.8	87.0	86.9	86.6	85.7
70°	103.2	103.4	103.0	102.2	103.0	103.4	103.2	102.8	102.2	101.4	100.3
67.5°	119.0	118.8	118.3	117.5	118.3	118.8	119.0	118.8	118.3	117.3	115.8
65°	134.2	134.1	134.3	134.5	134.3	134.1	134.2	134.1	133.6	132.9	131.8
62.5°	150.9	150.9	150.6	149.8	150.6	150.9	150.9	150.5	149.8	148.8	147.5
60°	164.8	164.7	164.2	163.4	164.2	164.7	164.8	164.6	164.0	163.2	162.0
57.5°	176.9	176.7	176.2	175.4	176.2	176.7	176.9	176.8	176.3	175.3	174.1
55°	187.3	187.1	186.5	185.6	186.5	187.1	187.3	187.3	186.9	185.7	184.2
52.5°	197.5	197.3	197.3	197.5	197.3	197.3	197.5	197.3	196.8	195.7	194.1
50°	211.9	212.2	211.9	211.1	211.9	212.2	211.9	211.1	209.7	207.7	205.3
47.5°	229.2	229.3	228.9	228.1	228.9	229.3	229.2	228.3	226.3	223.4	219.8
45°	251.1	252.3	252.7	252.0	252.7	252.3	251.1	249.0	246.4	242.5	237.4
42.5°	280.6	282.6	283.1	282.6	283.1	282.6	280.6	277.1	272.4	266.7	260.6
40°	319.5	321.7	322.1	321.8	322.1	321.7	319.5	314.7	306.9	297.2	287.9
37.5°	373.2	378.6	381.1	381.4	381.1	378.6	373.2	364.8	352.8	337.1	323.7
35°	452.4	463.1	468.8	471.6	468.8	463.1	452.4	437.0	416.8	393.6	372.4
32.5°	576.0	597.4	609.2	607.8	609.2	597.4	576.0	547.8	510.7	473.9	440.1
30°	777.9	815.3	834.1	829.1	834.1	815.3	777.9	725.1	655.2	597.3	537.4
27.5°	1100.3	1168.0	1207.1	1202.0	1207.1	1168.0	1100.3	1008.2	879.8	788.8	678.7
25°	1620.0	1743.5	1822.5	1803.0	1822.5	1743.5	1620.0	1453.2	1253.6	1083.5	889.8
22.5°	2410.5	2619.7	2758.1	2741.1	2758.1	2619.7	2410.5	2121.3	1819.7	1516.4	1230.7
20°	3494.8	3813.2	4040.6	4070.7	4040.6	3813.2	3494.8	3045.5	2602.4	2102.0	1694.0
17.5°	4916.2	5421.0	5772.5	5831.1	5772.5	5421.0	4916.2	4226.1	3587.4	2867.9	2234.8
15°	6763.4	7588.6	8185.8	8235.1	8185.8	7588.6	6763.4	5750.7	4770.3	3804.0	2852.7
12.5°	9271.7	10931.4	12014.5	12491.4	12014.5	10931.4	9271.7	7685.6	6105.6	4765.3	3577.2
10°	12743.0	16555.2	18996.6	19914.3	18996.6	16555.2	12743.0	10175.3	7728.6	5800.3	4267.0
7.5°	18541.1	24526.3	31180.3	34016.3	31180.3	24526.3	18541.1	12874.9	9516.9	6970.6	5022.4
5°	25107.0	37528.8	49344.0	53957.8	49344.0	37528.8	25107.0	17196.2	11509.9	7908.6	5558.1
2.5°	32016.1	49330.2	65554.8	71899.8	65554.8	49330.2	32016.1	19975.5	12741.6	8516.4	5963.2
0°	34714.3	54497.5	72348.4	79463.2	72348.4	54497.5	34714.3	20464.2	13029.4	8788.4	6147.8
-2.5°	32016.1	49330.2	65554.8	71899.8	65554.8	49330.2	32016.1	19975.5	12741.6	8516.4	5963.2
-5°	25107.0	37528.8	49344.0	53957.8	49344.0	37528.8	25107.0	17196.2	11509.9	7908.6	5558.1
-7.5°	18541.1	24526.3	31180.3	34016.3	31180.3	24526.3	18541.1	12874.9	9516.9	6970.6	5022.4
-10°	12743.0	16555.2	18996.6	19914.3	18996.6	16555.2	12743.0	10175.3	7728.6	5800.3	4267.0
-12.5°	9271.7	10931.4	12014.5	12491.4	12014.5	10931.4	9271.7	7685.6	6105.6	4765.3	3577.2
-15°	6763.4	7588.6	8185.8	8235.1	8185.8	7588.6	6763.4	5750.7	4770.3	3804.0	2852.7
-17.5°	4916.2	5421.0	5772.5	5831.1	5772.5	5421.0	4916.2	4226.1	3587.4	2867.9	2234.8
-20°	3494.8	3813.2	4040.6	4070.7	4040.6	3813.2	3494.8	3045.5	2602.4	2102.0	1694.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626839 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2B-727-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°	2410.5	2619.7	2758.1	2741.1	2758.1	2619.7	2410.5	2121.3	1819.7	1516.4	1230.7
-25°	1620.0	1743.5	1822.5	1803.0	1822.5	1743.5	1620.0	1453.2	1253.6	1083.5	889.8
-27.5°	1100.3	1168.0	1207.1	1202.0	1207.1	1168.0	1100.3	1008.2	879.8	788.8	678.7
-30°	777.9	815.3	834.1	829.1	834.1	815.3	777.9	725.1	655.2	597.3	537.4
-32.5°	576.0	597.4	609.2	607.8	609.2	597.4	576.0	547.8	510.7	473.9	440.1
-35°	452.4	463.1	468.8	471.6	468.8	463.1	452.4	437.0	416.8	393.6	372.4
-37.5°	373.2	378.6	381.1	381.4	381.1	378.6	373.2	364.8	352.8	337.1	323.7
-40°	319.5	321.7	322.1	321.8	322.1	321.7	319.5	314.7	306.9	297.2	287.9
-42.5°	280.6	282.6	283.1	282.6	283.1	282.6	280.6	277.1	272.4	266.7	260.6
-45°	251.1	252.3	252.7	252.0	252.7	252.3	251.1	249.0	246.4	242.5	237.4
-47.5°	229.2	229.3	228.9	228.1	228.9	229.3	229.2	228.3	226.3	223.4	219.8
-50°	211.9	212.2	211.9	211.1	211.9	212.2	211.9	211.1	209.7	207.7	205.3
-52.5°	197.5	197.3	197.3	197.5	197.3	197.3	197.5	197.3	196.8	195.7	194.1
-55°	187.3	187.1	186.5	185.6	186.5	187.1	187.3	187.3	186.9	185.7	184.2
-57.5°	176.9	176.7	176.2	175.4	176.2	176.7	176.9	176.8	176.3	175.3	174.1
-60°	164.8	164.7	164.2	163.4	164.2	164.7	164.8	164.6	164.0	163.2	162.0
-62.5°	150.9	150.9	150.6	149.8	150.6	150.9	150.9	150.5	149.8	148.8	147.5
-65°	134.2	134.1	134.3	134.5	134.3	134.1	134.2	134.1	133.6	132.9	131.8
-67.5°	119.0	118.8	118.3	117.5	118.3	118.8	119.0	118.8	118.3	117.3	115.8
-70°	103.2	103.4	103.0	102.2	103.0	103.4	103.2	102.8	102.2	101.4	100.3
-72.5°	86.8	86.5	86.7	86.8	86.7	86.5	86.8	87.0	86.9	86.6	85.7
-75°	71.6	71.2	71.4	71.5	71.4	71.2	71.6	71.9	72.0	71.8	71.1
-77.5°	56.4	55.9	55.3	54.5	55.3	55.9	56.4	56.7	56.8	56.7	56.1
-80°	40.9	40.7	40.0	39.2	40.0	40.7	40.9	40.9	40.9	40.7	40.4
-82.5°	27.3	27.1	27.2	27.2	27.2	27.1	27.3	27.5	27.6	27.7	27.2
-85°	15.6	15.2	15.3	15.3	15.3	15.2	15.6	15.8	16.1	16.3	16.1
-87.5°	5.5	5.1	5.1	5.1	5.1	5.1	5.5	5.9	6.2	6.6	6.5
-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: P626839 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-727-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°	6.4	6.3	6.2	6.0	5.9	5.7	5.6	5.4	5.2	5.0	4.8
85°	15.8	15.4	15.1	14.7	14.3	13.8	13.3	12.5	11.8	11.0	10.3
82.5°	26.7	26.2	25.5	24.8	24.1	23.3	22.4	21.2	19.9	18.4	16.9
80°	39.9	39.3	38.4	37.0	35.6	34.1	32.6	31.2	29.7	28.1	26.5
77.5°	55.3	54.4	53.1	50.8	48.5	46.2	43.9	42.0	40.1	38.1	36.0
75°	70.2	69.2	67.7	65.2	62.4	59.2	56.3	53.9	51.4	48.7	45.9
72.5°	84.6	83.3	81.6	79.6	77.2	74.3	70.8	67.0	63.3	59.8	56.5
70°	98.9	97.4	95.7	93.7	91.2	88.5	85.0	80.6	75.8	71.0	67.4
67.5°	114.0	111.9	110.2	108.5	106.3	103.5	99.4	94.9	90.1	84.6	79.5
65°	130.1	127.8	125.6	123.5	121.1	118.4	114.2	109.3	104.0	98.5	92.7
62.5°	146.1	144.6	142.0	139.0	135.8	132.4	128.5	123.7	118.1	111.7	105.3
60°	160.4	158.5	155.6	152.6	149.6	145.8	140.8	136.4	132.6	125.4	117.8
57.5°	172.8	170.5	167.1	163.8	160.9	156.4	151.3	146.3	141.4	136.4	129.9
55°	182.5	180.1	177.0	173.4	169.4	165.2	160.5	155.1	149.9	145.3	139.3
52.5°	191.9	189.5	186.6	183.0	178.8	173.9	168.7	163.4	158.5	153.8	148.4
50°	202.7	199.8	196.5	192.8	188.2	183.0	177.5	171.7	166.7	161.8	156.7
47.5°	216.2	211.9	207.1	202.7	197.6	191.8	186.0	180.3	174.7	169.1	163.9
45°	232.3	226.4	220.1	214.2	207.6	201.3	194.6	188.6	182.7	176.6	170.3
42.5°	252.8	243.9	235.7	227.6	219.3	211.8	204.1	197.2	190.5	184.0	177.1
40°	277.7	265.9	255.1	243.2	233.0	223.2	214.4	205.6	198.3	191.2	183.6
37.5°	308.5	292.9	278.2	262.8	249.3	236.3	225.3	215.2	205.6	197.9	189.9
35°	347.9	326.7	305.5	286.3	268.0	252.1	237.4	225.3	214.4	204.3	196.0
32.5°	401.1	371.1	338.9	314.2	290.1	269.2	251.7	236.3	223.2	211.8	201.8
30°	479.3	430.1	385.9	346.7	316.2	289.2	266.4	248.7	233.0	219.3	207.6
27.5°	591.5	506.8	447.0	389.4	344.9	312.2	284.6	261.3	243.0	227.6	214.1
25°	750.5	621.9	518.2	443.0	382.4	336.0	303.5	276.5	254.1	235.6	219.4
22.5°	968.4	773.8	614.6	500.5	425.8	368.0	324.1	291.5	264.2	242.6	224.9
20°	1289.0	954.8	739.3	582.7	474.4	398.7	345.6	307.2	275.6	249.9	229.8
17.5°	1669.5	1205.9	875.7	666.8	531.3	438.0	370.5	321.7	286.0	256.2	233.7
15°	2075.0	1490.4	1066.4	779.0	589.4	471.7	391.2	334.5	295.9	263.2	238.7
12.5°	2592.9	1797.1	1233.6	872.7	646.6	508.4	415.3	350.7	305.6	270.7	243.8
10°	3082.8	2117.0	1437.1	996.1	716.3	544.4	436.6	363.2	313.2	276.7	248.0
7.5°	3545.6	2424.5	1613.1	1090.0	770.0	573.1	452.4	372.2	318.6	280.8	251.1
5°	3884.8	2653.4	1750.8	1162.5	808.0	593.8	462.7	377.8	321.8	283.3	253.3
2.5°	4142.9	2805.1	1834.6	1205.0	829.7	606.1	468.9	382.0	324.9	285.3	255.7
0°	4261.4	2863.6	1862.6	1227.5	842.7	609.5	471.6	384.8	326.9	286.0	257.1
-2.5°	4142.9	2805.1	1834.6	1205.0	829.7	606.1	468.9	382.0	324.9	285.3	255.7
-5°	3884.8	2653.4	1750.8	1162.5	808.0	593.8	462.7	377.8	321.8	283.3	253.3
-7.5°	3545.6	2424.5	1613.1	1090.0	770.0	573.1	452.4	372.2	318.6	280.8	251.1
-10°	3082.8	2117.0	1437.1	996.1	716.3	544.4	436.6	363.2	313.2	276.7	248.0
-12.5°	2592.9	1797.1	1233.6	872.7	646.6	508.4	415.3	350.7	305.6	270.7	243.8
-15°	2075.0	1490.4	1066.4	779.0	589.4	471.7	391.2	334.5	295.9	263.2	238.7
-17.5°	1669.5	1205.9	875.7	666.8	531.3	438.0	370.5	321.7	286.0	256.2	233.7
-20°	1289.0	954.8	739.3	582.7	474.4	398.7	345.6	307.2	275.6	249.9	229.8



REPORT NUMBER: P626839 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	968.4	773.8	614.6	500.5	425.8	368.0	324.1	291.5	264.2	242.6	224.9
-25°	750.5	621.9	518.2	443.0	382.4	336.0	303.5	276.5	254.1	235.6	219.4
-27.5°	591.5	506.8	447.0	389.4	344.9	312.2	284.6	261.3	243.0	227.6	214.1
-30°	479.3	430.1	385.9	346.7	316.2	289.2	266.4	248.7	233.0	219.3	207.6
-32.5°	401.1	371.1	338.9	314.2	290.1	269.2	251.7	236.3	223.2	211.8	201.8
-35°	347.9	326.7	305.5	286.3	268.0	252.1	237.4	225.3	214.4	204.3	196.0
-37.5°	308.5	292.9	278.2	262.8	249.3	236.3	225.3	215.2	205.6	197.9	189.9
-40°	277.7	265.9	255.1	243.2	233.0	223.2	214.4	205.6	198.3	191.2	183.6
-42.5°	252.8	243.9	235.7	227.6	219.3	211.8	204.1	197.2	190.5	184.0	177.1
-45°	232.3	226.4	220.1	214.2	207.6	201.3	194.6	188.6	182.7	176.6	170.3
-47.5°	216.2	211.9	207.1	202.7	197.6	191.8	186.0	180.3	174.7	169.1	163.9
-50°	202.7	199.8	196.5	192.8	188.2	183.0	177.5	171.7	166.7	161.8	156.7
-52.5°	191.9	189.5	186.6	183.0	178.8	173.9	168.7	163.4	158.5	153.8	148.4
-55°	182.5	180.1	177.0	173.4	169.4	165.2	160.5	155.1	149.9	145.3	139.3
-57.5°	172.8	170.5	167.1	163.8	160.9	156.4	151.3	146.3	141.4	136.4	129.9
-60°	160.4	158.5	155.6	152.6	149.6	145.8	140.8	136.4	132.6	125.4	117.8
-62.5°	146.1	144.6	142.0	139.0	135.8	132.4	128.5	123.7	118.1	111.7	105.3
-65°	130.1	127.8	125.6	123.5	121.1	118.4	114.2	109.3	104.0	98.5	92.7
-67.5°	114.0	111.9	110.2	108.5	106.3	103.5	99.4	94.9	90.1	84.6	79.5
-70°	98.9	97.4	95.7	93.7	91.2	88.5	85.0	80.6	75.8	71.0	67.4
-72.5°	84.6	83.3	81.6	79.6	77.2	74.3	70.8	67.0	63.3	59.8	56.5
-75°	70.2	69.2	67.7	65.2	62.4	59.2	56.3	53.9	51.4	48.7	45.9
-77.5°	55.3	54.4	53.1	50.8	48.5	46.2	43.9	42.0	40.1	38.1	36.0
-80°	39.9	39.3	38.4	37.0	35.6	34.1	32.6	31.2	29.7	28.1	26.5
-82.5°	26.7	26.2	25.5	24.8	24.1	23.3	22.4	21.2	19.9	18.4	16.9
-85°	15.8	15.4	15.1	14.7	14.3	13.8	13.3	12.5	11.8	11.0	10.3
-87.5°	6.4	6.3	6.2	6.0	5.9	5.7	5.6	5.4	5.2	5.0	4.8
-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: P626839 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-727-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°	4.6	4.4	4.1	3.9	3.7	3.4	3.1	2.9	2.6	2.3	2.0
85°	9.9	9.5	8.9	8.3	7.6	6.8	6.3	5.7	5.2	4.6	4.1
82.5°	16.1	15.5	14.9	14.1	13.0	11.9	10.7	9.5	8.3	7.0	6.1
80°	24.9	23.4	21.9	20.4	18.7	16.9	15.4	13.8	12.1	10.5	8.8
77.5°	33.9	31.6	29.3	27.1	25.0	22.8	20.5	18.2	16.0	13.9	11.8
75°	43.0	40.3	37.5	34.6	31.6	28.6	25.9	23.1	20.3	17.4	14.8
72.5°	53.1	49.6	46.0	42.2	38.8	35.2	31.5	28.0	24.7	21.3	17.9
70°	63.7	59.3	54.9	50.8	46.4	41.8	37.6	33.3	29.0	25.2	21.3
67.5°	74.7	70.3	65.1	59.6	54.6	49.4	43.8	38.8	33.9	29.0	24.7
65°	86.8	81.3	75.9	69.5	63.2	57.2	51.1	44.5	38.8	33.3	28.0
62.5°	98.7	92.0	85.5	79.0	72.1	65.1	58.3	50.9	43.8	37.6	31.5
60°	110.5	103.0	95.0	87.5	80.3	73.0	65.2	57.1	49.2	41.8	35.2
57.5°	121.6	113.8	104.8	96.0	87.9	80.2	71.9	63.1	54.6	46.3	38.7
55°	132.0	123.3	113.9	104.4	95.3	86.8	78.2	68.9	59.7	50.8	42.1
52.5°	141.5	132.4	122.4	112.3	102.4	93.2	84.1	74.4	64.6	55.1	45.8
50°	150.4	141.5	130.9	120.1	109.2	99.5	89.9	79.7	69.3	59.2	49.4
47.5°	158.1	149.6	139.4	127.7	116.1	105.7	95.6	84.9	73.8	63.2	52.8
45°	164.4	157.2	147.3	135.5	123.1	112.1	101.2	90.0	78.3	67.0	56.1
42.5°	170.3	163.5	154.6	143.2	130.4	118.4	106.7	95.0	82.8	70.6	59.3
40°	176.3	169.1	161.4	149.9	137.1	124.4	112.2	99.8	87.1	74.1	62.3
37.5°	181.8	174.4	166.6	156.1	143.2	130.1	117.4	104.5	91.1	77.7	65.2
35°	187.4	179.2	171.1	161.0	148.5	135.3	122.4	109.0	94.9	81.0	67.9
32.5°	192.8	183.6	174.9	165.0	153.4	140.0	126.9	112.9	98.5	84.1	70.4
30°	197.8	187.7	178.5	168.9	157.5	144.1	130.7	116.5	101.8	86.9	72.8
27.5°	201.7	191.1	182.0	172.2	160.8	147.7	134.0	119.7	104.8	89.4	75.0
25°	205.6	194.3	184.8	175.2	163.9	151.4	137.1	122.5	107.5	91.9	77.1
22.5°	210.0	197.2	186.9	178.1	167.0	155.0	140.0	124.9	109.8	94.1	78.9
20°	213.8	199.8	188.5	180.4	169.5	157.6	142.8	127.1	111.8	96.0	80.5
17.5°	217.2	202.5	190.7	181.7	171.5	159.9	145.4	129.1	113.4	97.7	81.8
15°	220.7	205.4	192.6	182.8	173.1	161.8	147.7	130.8	114.8	99.2	83.0
12.5°	223.9	207.7	194.1	183.6	174.4	163.3	149.8	132.2	115.8	100.4	84.1
10°	226.5	209.5	195.2	184.2	175.2	164.5	151.5	133.6	117.0	101.3	85.1
7.5°	228.5	210.7	196.0	184.5	175.8	165.5	153.0	135.1	117.9	102.0	85.8
5°	230.0	211.7	197.1	185.6	176.5	166.2	154.1	136.4	118.6	102.3	86.3
2.5°	231.1	212.5	198.3	186.6	177.0	166.7	154.7	137.3	119.0	102.4	86.7
0°	231.5	212.8	199.2	187.3	177.1	166.8	154.9	137.9	119.2	102.2	86.8
-2.5°	231.1	212.5	198.3	186.6	177.0	166.7	154.7	137.3	119.0	102.4	86.7
-5°	230.0	211.7	197.1	185.6	176.5	166.2	154.1	136.4	118.6	102.3	86.3
-7.5°	228.5	210.7	196.0	184.5	175.8	165.5	153.0	135.1	117.9	102.0	85.8
-10°	226.5	209.5	195.2	184.2	175.2	164.5	151.5	133.6	117.0	101.3	85.1
-12.5°	223.9	207.7	194.1	183.6	174.4	163.3	149.8	132.2	115.8	100.4	84.1
-15°	220.7	205.4	192.6	182.8	173.1	161.8	147.7	130.8	114.8	99.2	83.0
-17.5°	217.2	202.5	190.7	181.7	171.5	159.9	145.4	129.1	113.4	97.7	81.8
-20°	213.8	199.8	188.5	180.4	169.5	157.6	142.8	127.1	111.8	96.0	80.5



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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°	210.0	197.2	186.9	178.1	167.0	155.0	140.0	124.9	109.8	94.1	78.9
-25°	205.6	194.3	184.8	175.2	163.9	151.4	137.1	122.5	107.5	91.9	77.1
-27.5°	201.7	191.1	182.0	172.2	160.8	147.7	134.0	119.7	104.8	89.4	75.0
-30°	197.8	187.7	178.5	168.9	157.5	144.1	130.7	116.5	101.8	86.9	72.8
-32.5°	192.8	183.6	174.9	165.0	153.4	140.0	126.9	112.9	98.5	84.1	70.4
-35°	187.4	179.2	171.1	161.0	148.5	135.3	122.4	109.0	94.9	81.0	67.9
-37.5°	181.8	174.4	166.6	156.1	143.2	130.1	117.4	104.5	91.1	77.7	65.2
-40°	176.3	169.1	161.4	149.9	137.1	124.4	112.2	99.8	87.1	74.1	62.3
-42.5°	170.3	163.5	154.6	143.2	130.4	118.4	106.7	95.0	82.8	70.6	59.3
-45°	164.4	157.2	147.3	135.5	123.1	112.1	101.2	90.0	78.3	67.0	56.1
-47.5°	158.1	149.6	139.4	127.7	116.1	105.7	95.6	84.9	73.8	63.2	52.8
-50°	150.4	141.5	130.9	120.1	109.2	99.5	89.9	79.7	69.3	59.2	49.4
-52.5°	141.5	132.4	122.4	112.3	102.4	93.2	84.1	74.4	64.6	55.1	45.8
-55°	132.0	123.3	113.9	104.4	95.3	86.8	78.2	68.9	59.7	50.8	42.1
-57.5°	121.6	113.8	104.8	96.0	87.9	80.2	71.9	63.1	54.6	46.3	38.7
-60°	110.5	103.0	95.0	87.5	80.3	73.0	65.2	57.1	49.2	41.8	35.2
-62.5°	98.7	92.0	85.5	79.0	72.1	65.1	58.3	50.9	43.8	37.6	31.5
-65°	86.8	81.3	75.9	69.5	63.2	57.2	51.1	44.5	38.8	33.3	28.0
-67.5°	74.7	70.3	65.1	59.6	54.6	49.4	43.8	38.8	33.9	29.0	24.7
-70°	63.7	59.3	54.9	50.8	46.4	41.8	37.6	33.3	29.0	25.2	21.3
-72.5°	53.1	49.6	46.0	42.2	38.8	35.2	31.5	28.0	24.7	21.3	17.9
-75°	43.0	40.3	37.5	34.6	31.6	28.6	25.9	23.1	20.3	17.4	14.8
-77.5°	33.9	31.6	29.3	27.1	25.0	22.8	20.5	18.2	16.0	13.9	11.8
-80°	24.9	23.4	21.9	20.4	18.7	16.9	15.4	13.8	12.1	10.5	8.8
-82.5°	16.1	15.5	14.9	14.1	13.0	11.9	10.7	9.5	8.3	7.0	6.1
-85°	9.9	9.5	8.9	8.3	7.6	6.8	6.3	5.7	5.2	4.6	4.1
-87.5°	4.6	4.4	4.1	3.9	3.7	3.4	3.1	2.9	2.6	2.3	2.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
85°	3.5	2.9	2.4	1.8	1.2	0.5	0.0
82.5°	5.3	4.4	3.5	2.7	1.8	0.8	0.0
80°	7.1	5.9	4.7	3.5	2.3	1.0	0.0
77.5°	9.7	7.5	5.9	4.4	2.9	1.3	0.0
75°	12.2	9.6	7.1	5.3	3.5	1.5	0.0
72.5°	14.7	11.6	8.6	6.1	4.0	1.8	0.0
70°	17.2	13.5	10.1	7.0	4.6	2.0	0.0
67.5°	20.1	15.5	11.6	8.1	5.1	2.3	0.0
65°	22.9	17.6	13.1	9.1	5.6	2.5	0.0
62.5°	25.6	19.8	14.5	10.2	6.1	2.7	0.0
60°	28.3	22.1	15.9	11.1	6.6	2.9	0.0
57.5°	31.2	24.2	17.6	12.1	7.2	3.1	0.0
55°	34.1	26.3	19.3	13.0	7.8	3.3	0.0
52.5°	37.0	28.4	20.9	13.9	8.4	3.5	0.0
50°	39.7	30.7	22.5	14.8	8.9	3.7	0.0
47.5°	42.4	32.9	24.0	15.7	9.5	3.9	0.0
45°	45.2	35.0	25.4	16.8	10.0	4.0	0.0
42.5°	47.9	37.0	26.8	17.8	10.5	4.2	0.0
40°	50.5	38.9	28.2	18.8	11.0	4.3	0.0
37.5°	52.9	40.7	29.7	19.8	11.5	4.5	0.0
35°	55.2	42.6	31.0	20.7	12.0	4.6	0.0
32.5°	57.4	44.4	32.3	21.6	12.4	4.7	0.0
30°	59.4	46.0	33.5	22.4	12.8	4.8	0.0
27.5°	61.3	47.6	34.7	23.1	13.2	4.9	0.0
25°	63.0	49.0	35.7	23.8	13.5	4.9	0.0
22.5°	64.5	50.3	36.7	24.5	13.8	5.0	0.0
20°	65.9	51.4	37.6	25.0	14.1	5.1	0.0
17.5°	67.0	52.3	38.3	25.5	14.4	5.1	0.0
15°	68.0	53.1	39.0	26.0	14.6	5.1	0.0
12.5°	68.7	53.7	39.6	26.3	14.8	5.2	0.0
10°	69.3	54.1	40.1	26.7	15.0	5.2	0.0
7.5°	69.7	54.4	40.4	26.9	15.1	5.2	0.0
5°	69.9	54.6	40.7	27.1	15.2	5.2	0.0
2.5°	69.9	54.6	40.8	27.2	15.3	5.1	0.0
0°	69.8	54.5	40.9	27.2	15.3	5.1	0.0
-2.5°	69.9	54.6	40.8	27.2	15.3	5.1	0.0
-5°	69.9	54.6	40.7	27.1	15.2	5.2	0.0
-7.5°	69.7	54.4	40.4	26.9	15.1	5.2	0.0
-10°	69.3	54.1	40.1	26.7	15.0	5.2	0.0
-12.5°	68.7	53.7	39.6	26.3	14.8	5.2	0.0
-15°	68.0	53.1	39.0	26.0	14.6	5.1	0.0
-17.5°	67.0	52.3	38.3	25.5	14.4	5.1	0.0
-20°	65.9	51.4	37.6	25.0	14.1	5.1	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	64.5	50.3	36.7	24.5	13.8	5.0	0.0
-25°	63.0	49.0	35.7	23.8	13.5	4.9	0.0
-27.5°	61.3	47.6	34.7	23.1	13.2	4.9	0.0
-30°	59.4	46.0	33.5	22.4	12.8	4.8	0.0
-32.5°	57.4	44.4	32.3	21.6	12.4	4.7	0.0
-35°	55.2	42.6	31.0	20.7	12.0	4.6	0.0
-37.5°	52.9	40.7	29.7	19.8	11.5	4.5	0.0
-40°	50.5	38.9	28.2	18.8	11.0	4.3	0.0
-42.5°	47.9	37.0	26.8	17.8	10.5	4.2	0.0
-45°	45.2	35.0	25.4	16.8	10.0	4.0	0.0
-47.5°	42.4	32.9	24.0	15.7	9.5	3.9	0.0
-50°	39.7	30.7	22.5	14.8	8.9	3.7	0.0
-52.5°	37.0	28.4	20.9	13.9	8.4	3.5	0.0
-55°	34.1	26.3	19.3	13.0	7.8	3.3	0.0
-57.5°	31.2	24.2	17.6	12.1	7.2	3.1	0.0
-60°	28.3	22.1	15.9	11.1	6.6	2.9	0.0
-62.5°	25.6	19.8	14.5	10.2	6.1	2.7	0.0
-65°	22.9	17.6	13.1	9.1	5.6	2.5	0.0
-67.5°	20.1	15.5	11.6	8.1	5.1	2.3	0.0
-70°	17.2	13.5	10.1	7.0	4.6	2.0	0.0
-72.5°	14.7	11.6	8.6	6.1	4.0	1.8	0.0
-75°	12.2	9.6	7.1	5.3	3.5	1.5	0.0
-77.5°	9.7	7.5	5.9	4.4	2.9	1.3	0.0
-80°	7.1	5.9	4.7	3.5	2.3	1.0	0.0
-82.5°	5.3	4.4	3.5	2.7	1.8	0.8	0.0
-85°	3.5	2.9	2.4	1.8	1.2	0.5	0.0
-87.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)