

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: P626639 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-750-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626639 (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-750-U-NR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N29
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

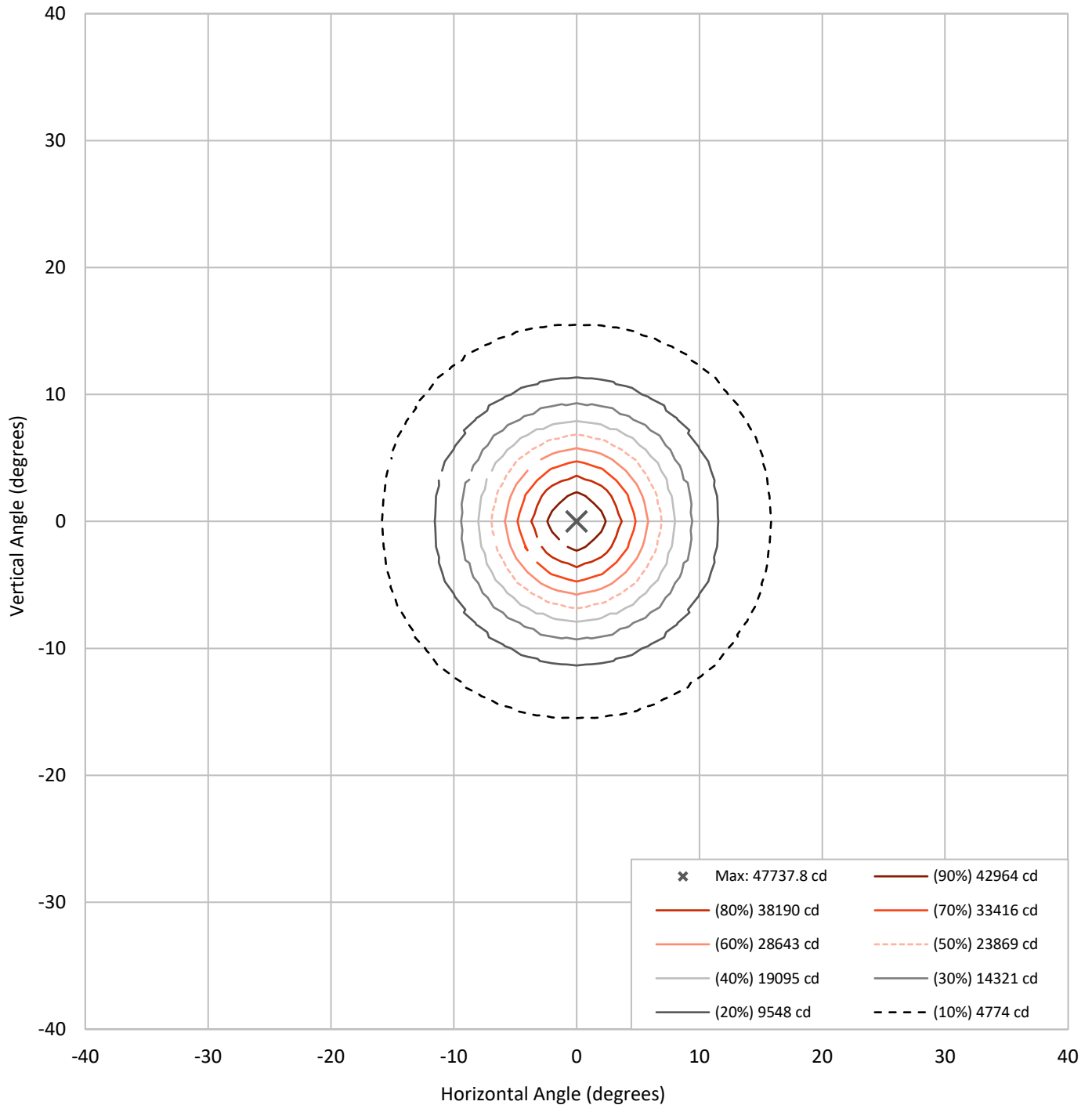
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	5069.1 lumens	Max Intensity:	47737.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	151.3 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:	1498.7 lumens	Field Lumens:	3372.7 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





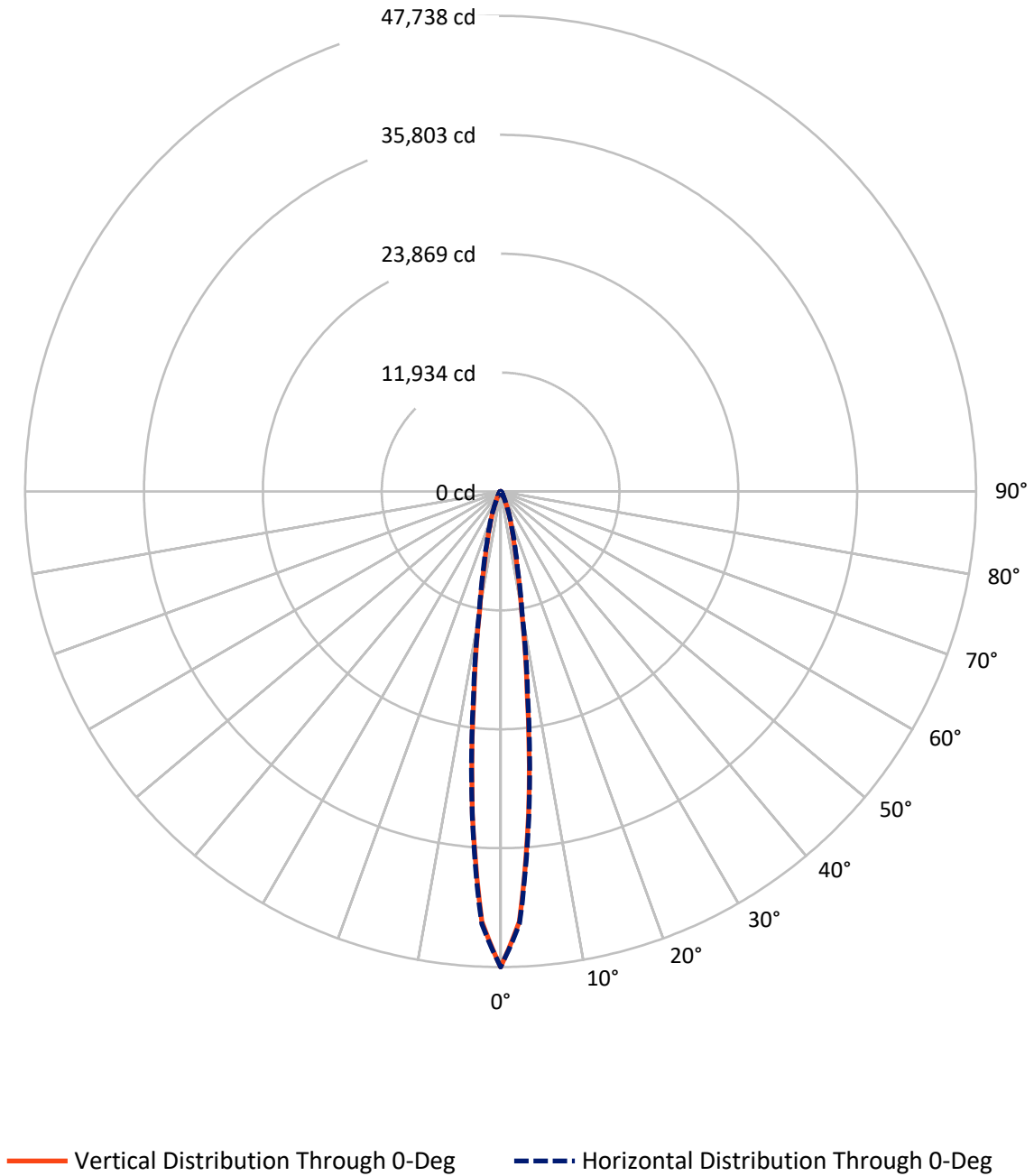
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Lumen Table

90	0.1	0.7	1.8	3.0	3.2	3.0	1.8	0.7	0.1							
80	0.1	0.7	1.8	3.0	3.2	3.0	1.8	0.7	0.1							
70	0.3	0.4	0.7	1.2	1.7	2.1	2.3	2.4	2.4	2.3	2.1	1.7	1.2	0.7	0.4	0.3
60		0.5	1.1	1.8	2.4	2.9	3.3	3.4	3.4	3.3	2.9	2.4	1.8	1.1	0.5	
50	0.6	0.7	1.4	2.2	2.9	3.7	4.3	4.7	4.7	4.3	3.7	2.9	2.2	1.4	0.7	0.6
40		0.8	1.7	2.5	3.6	5.2	7.3	9.0	9.0	7.3	5.2	3.6	2.5	1.7	0.8	
30	0.7	1.0	1.8	2.9	4.7	9.3	21.1	34.9	34.9	21.1	9.3	4.7	2.9	1.8	1.0	0.7
20		1.0	1.9	3.2	6.2	19.7	69.8	150.4	150.4	69.8	19.7	6.2	3.2	1.9	1.0	
10	0.8	1.1	2.0	3.4	7.5	32.4	151.8	655.8	655.8	151.8	32.4	7.5	3.4	2.0	1.1	0.8
0		1.1	2.0	3.4	7.5	32.4	151.8	655.8	655.8	151.8	32.4	7.5	3.4	2.0	1.1	
-10	0.7	1.0	1.9	3.2	6.2	19.7	69.8	150.4	150.4	69.8	19.7	6.2	3.2	1.9	1.0	0.7
-20		1.0	1.8	2.9	4.7	9.3	21.1	34.9	34.9	21.1	9.3	4.7	2.9	1.8	1.0	
-30	0.6	0.8	1.7	2.5	3.6	5.2	7.3	9.0	9.0	7.3	5.2	3.6	2.5	1.7	0.8	0.6
-40		0.7	1.4	2.2	2.9	3.7	4.3	4.7	4.7	4.3	3.7	2.9	2.2	1.4	0.7	
-50	0.3	0.5	1.1	1.8	2.4	2.9	3.3	3.4	3.4	3.3	2.9	2.4	1.8	1.1	0.5	0.3
-60		0.4	0.7	1.2	1.7	2.1	2.3	2.4	2.4	2.3	2.1	1.7	1.2	0.7	0.4	
-70	0.1	0.7	1.8	3.0	3.2	3.0	1.8	0.7	0.1							
-80		0.1	0.7	1.8	3.0	3.2	3.0	1.8	0.7	0.1						
-90	0.1	0.7	1.8	3.0	3.2	3.0	1.8	0.7	0.1							

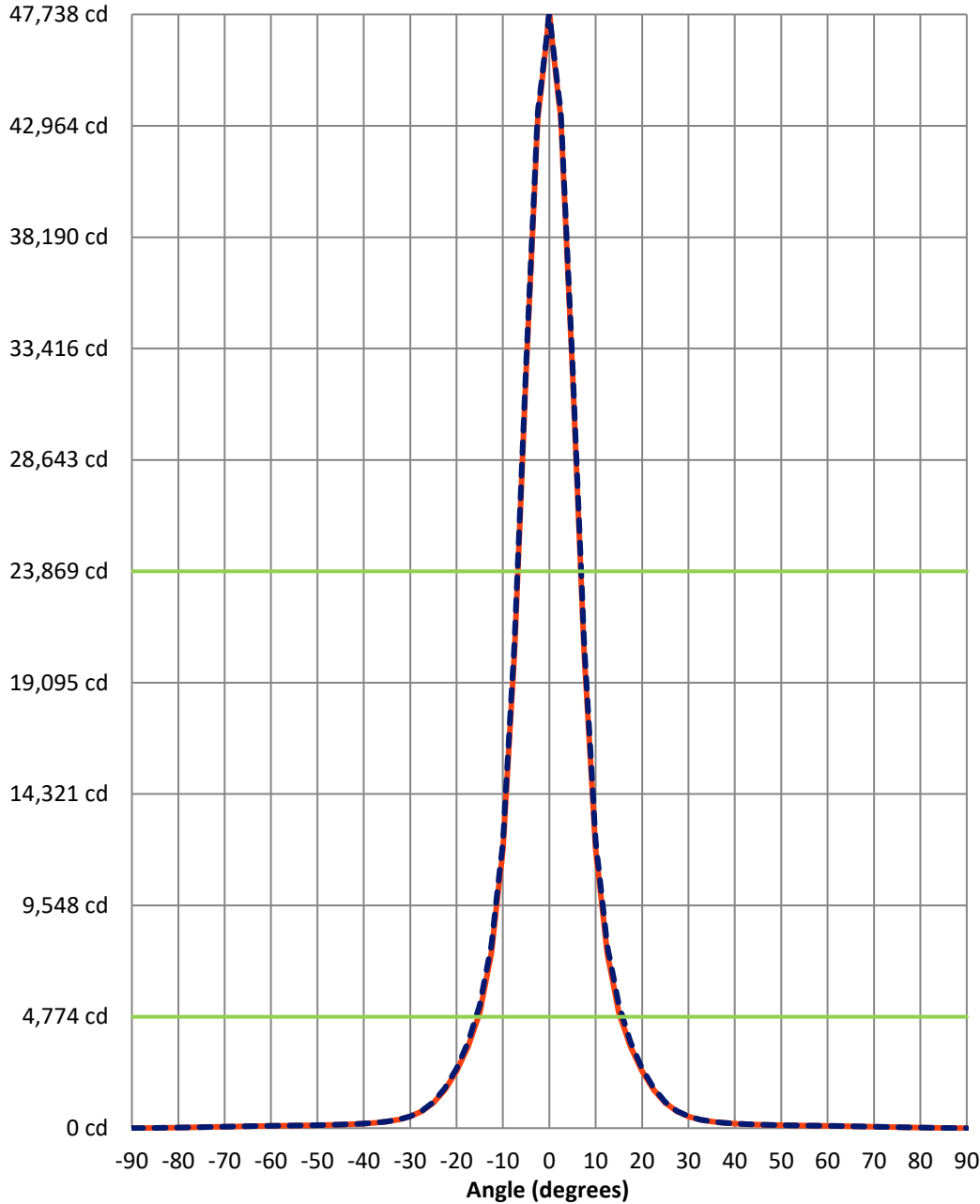
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 1498.7
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 3372.7
 Efficiency: 66.5%

Spill:
 Lumens: 1696.4
 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	0.2	0.4	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.7
85°	0.0	0.3	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.1	3.5
82.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.2	5.0	5.7
80°	0.0	0.6	1.4	2.1	2.8	3.5	4.3	5.3	6.3	7.3	8.3
77.5°	0.0	0.8	1.8	2.7	3.5	4.5	5.8	7.1	8.4	9.6	10.9
75°	0.0	0.9	2.1	3.2	4.3	5.8	7.3	8.9	10.4	12.2	13.9
72.5°	0.0	1.1	2.4	3.7	5.2	7.0	8.8	10.7	12.8	14.8	16.8
70°	0.0	1.2	2.8	4.2	6.1	8.1	10.3	12.8	15.1	17.5	20.1
67.5°	0.0	1.4	3.1	4.9	7.0	9.3	12.1	14.8	17.5	20.4	23.3
65°	0.0	1.5	3.4	5.5	7.9	10.6	13.8	16.8	20.1	23.3	26.8
62.5°	0.0	1.6	3.7	6.1	8.7	11.9	15.4	19.0	22.6	26.3	30.6
60°	0.0	1.8	4.0	6.7	9.5	13.3	17.0	21.2	25.1	29.6	34.3
57.5°	0.0	1.9	4.3	7.3	10.6	14.6	18.8	23.3	27.8	32.8	37.9
55°	0.0	2.0	4.7	7.8	11.6	15.9	20.5	25.3	30.5	35.9	41.4
52.5°	0.0	2.1	5.0	8.4	12.6	17.1	22.2	27.5	33.1	38.8	44.7
50°	0.0	2.2	5.4	8.9	13.5	18.5	23.8	29.7	35.6	41.6	47.9
47.5°	0.0	2.3	5.7	9.4	14.4	19.8	25.4	31.7	38.0	44.3	51.0
45°	0.0	2.4	6.0	10.1	15.3	21.0	27.1	33.7	40.2	47.1	54.1
42.5°	0.0	2.5	6.3	10.7	16.2	22.2	28.8	35.6	42.4	49.8	57.1
40°	0.0	2.6	6.6	11.3	17.0	23.4	30.3	37.5	44.6	52.3	59.9
37.5°	0.0	2.7	6.9	11.9	17.9	24.4	31.8	39.2	46.7	54.7	62.7
35°	0.0	2.8	7.2	12.5	18.7	25.5	33.2	40.8	48.7	57.0	65.4
32.5°	0.0	2.8	7.5	13.0	19.4	26.6	34.5	42.3	50.5	59.1	67.8
30°	0.0	2.9	7.7	13.5	20.1	27.6	35.7	43.8	52.2	61.1	70.0
27.5°	0.0	3.0	7.9	13.9	20.8	28.6	36.8	45.1	53.8	62.9	71.9
25°	0.0	3.0	8.1	14.4	21.4	29.4	37.9	46.3	55.2	64.5	73.6
22.5°	0.0	3.0	8.3	14.7	22.0	30.2	38.8	47.4	56.5	65.9	75.1
20°	0.0	3.1	8.5	15.1	22.5	30.9	39.6	48.4	57.7	67.1	76.4
17.5°	0.0	3.1	8.7	15.4	23.0	31.4	40.3	49.2	58.7	68.1	77.6
15°	0.0	3.1	8.8	15.7	23.4	31.9	40.9	49.9	59.6	68.9	78.6
12.5°	0.0	3.1	8.9	15.9	23.7	32.2	41.3	50.6	60.3	69.6	79.4
10°	0.0	3.1	9.0	16.1	24.0	32.5	41.6	51.1	60.9	70.2	80.2
7.5°	0.0	3.1	9.1	16.2	24.2	32.7	41.9	51.6	61.2	70.8	81.1
5°	0.0	3.1	9.2	16.3	24.4	32.8	42.0	51.9	61.5	71.2	81.9
2.5°	0.0	3.1	9.2	16.4	24.5	32.8	42.0	52.1	61.5	71.5	82.5
0°	0.0	3.1	9.2	16.4	24.5	32.7	41.9	52.2	61.4	71.6	82.8
-2.5°	0.0	3.1	9.2	16.4	24.5	32.8	42.0	52.1	61.5	71.5	82.5
-5°	0.0	3.1	9.2	16.3	24.4	32.8	42.0	51.9	61.5	71.2	81.9
-7.5°	0.0	3.1	9.1	16.2	24.2	32.7	41.9	51.6	61.2	70.8	81.1
-10°	0.0	3.1	9.0	16.1	24.0	32.5	41.6	51.1	60.9	70.2	80.2
-12.5°	0.0	3.1	8.9	15.9	23.7	32.2	41.3	50.6	60.3	69.6	79.4
-15°	0.0	3.1	8.8	15.7	23.4	31.9	40.9	49.9	59.6	68.9	78.6
-17.5°	0.0	3.1	8.7	15.4	23.0	31.4	40.3	49.2	58.7	68.1	77.6
-20°	0.0	3.1	8.5	15.1	22.5	30.9	39.6	48.4	57.7	67.1	76.4

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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	3.0	8.3	14.7	22.0	30.2	38.8	47.4	56.5	65.9	75.1
-25°	0.0	3.0	8.1	14.4	21.4	29.4	37.9	46.3	55.2	64.5	73.6
-27.5°	0.0	3.0	7.9	13.9	20.8	28.6	36.8	45.1	53.8	62.9	71.9
-30°	0.0	2.9	7.7	13.5	20.1	27.6	35.7	43.8	52.2	61.1	70.0
-32.5°	0.0	2.8	7.5	13.0	19.4	26.6	34.5	42.3	50.5	59.1	67.8
-35°	0.0	2.8	7.2	12.5	18.7	25.5	33.2	40.8	48.7	57.0	65.4
-37.5°	0.0	2.7	6.9	11.9	17.9	24.4	31.8	39.2	46.7	54.7	62.7
-40°	0.0	2.6	6.6	11.3	17.0	23.4	30.3	37.5	44.6	52.3	59.9
-42.5°	0.0	2.5	6.3	10.7	16.2	22.2	28.8	35.6	42.4	49.8	57.1
-45°	0.0	2.4	6.0	10.1	15.3	21.0	27.1	33.7	40.2	47.1	54.1
-47.5°	0.0	2.3	5.7	9.4	14.4	19.8	25.4	31.7	38.0	44.3	51.0
-50°	0.0	2.2	5.4	8.9	13.5	18.5	23.8	29.7	35.6	41.6	47.9
-52.5°	0.0	2.1	5.0	8.4	12.6	17.1	22.2	27.5	33.1	38.8	44.7
-55°	0.0	2.0	4.7	7.8	11.6	15.9	20.5	25.3	30.5	35.9	41.4
-57.5°	0.0	1.9	4.3	7.3	10.6	14.6	18.8	23.3	27.8	32.8	37.9
-60°	0.0	1.8	4.0	6.7	9.5	13.3	17.0	21.2	25.1	29.6	34.3
-62.5°	0.0	1.6	3.7	6.1	8.7	11.9	15.4	19.0	22.6	26.3	30.6
-65°	0.0	1.5	3.4	5.5	7.9	10.6	13.8	16.8	20.1	23.3	26.8
-67.5°	0.0	1.4	3.1	4.9	7.0	9.3	12.1	14.8	17.5	20.4	23.3
-70°	0.0	1.2	2.8	4.2	6.1	8.1	10.3	12.8	15.1	17.5	20.1
-72.5°	0.0	1.1	2.4	3.7	5.2	7.0	8.8	10.7	12.8	14.8	16.8
-75°	0.0	0.9	2.1	3.2	4.3	5.8	7.3	8.9	10.4	12.2	13.9
-77.5°	0.0	0.8	1.8	2.7	3.5	4.5	5.8	7.1	8.4	9.6	10.9
-80°	0.0	0.6	1.4	2.1	2.8	3.5	4.3	5.3	6.3	7.3	8.3
-82.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.2	5.0	5.7
-85°	0.0	0.3	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.1	3.5
-87.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.2	1.4	1.6	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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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°	1.9	2.0	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.3
85°	3.8	4.1	4.5	5.0	5.4	5.7	6.0	6.2	6.6	7.1	7.5
82.5°	6.4	7.1	7.8	8.5	8.9	9.3	9.7	10.2	11.1	12.0	12.7
80°	9.2	10.2	11.2	12.3	13.2	14.1	15.0	15.9	16.9	17.9	18.8
77.5°	12.3	13.7	15.0	16.3	17.6	19.0	20.4	21.7	22.9	24.1	25.2
75°	15.6	17.2	19.0	20.8	22.5	24.2	25.9	27.6	29.3	30.9	32.4
72.5°	19.0	21.2	23.3	25.4	27.6	29.8	31.9	34.0	36.0	38.0	40.2
70°	22.6	25.1	27.9	30.5	33.0	35.6	38.3	40.5	42.7	45.5	48.5
67.5°	26.3	29.7	32.8	35.8	39.1	42.2	44.9	47.8	50.9	54.2	57.1
65°	30.7	34.3	38.0	41.7	45.6	48.8	52.2	55.8	59.2	62.5	65.7
62.5°	35.0	39.1	43.3	47.4	51.4	55.3	59.3	63.3	67.1	70.9	74.3
60°	39.2	43.8	48.2	52.6	57.1	61.9	66.3	70.7	75.3	79.7	81.9
57.5°	43.2	48.2	52.8	57.7	62.9	68.3	73.0	78.0	81.9	84.9	87.9
55°	47.0	52.2	57.2	62.7	68.4	74.0	79.3	83.7	87.3	90.1	93.2
52.5°	50.5	56.0	61.5	67.4	73.5	79.5	85.0	89.2	92.4	95.3	98.2
50°	54.0	59.7	65.6	72.1	78.6	85.0	90.4	94.1	97.2	100.2	103.2
47.5°	57.4	63.4	69.7	76.7	83.8	89.9	95.0	98.4	101.6	105.0	108.3
45°	60.7	67.3	74.0	81.4	88.5	94.4	98.8	102.3	106.1	109.7	113.3
42.5°	64.0	71.1	78.3	86.0	92.9	98.2	102.3	106.4	110.5	114.5	118.5
40°	67.3	74.8	82.4	90.1	96.9	101.6	105.9	110.3	114.8	119.1	123.6
37.5°	70.5	78.2	86.0	93.8	100.1	104.8	109.2	114.1	118.9	123.6	129.3
35°	73.6	81.3	89.2	96.7	102.8	107.6	112.6	117.7	122.8	128.8	135.4
32.5°	76.3	84.1	92.1	99.2	105.1	110.3	115.8	121.2	127.3	134.1	142.0
30°	78.5	86.6	94.6	101.5	107.2	112.7	118.8	124.8	131.8	140.0	149.3
27.5°	80.5	88.8	96.6	103.5	109.3	114.8	121.2	128.7	136.8	145.9	156.9
25°	82.4	91.0	98.5	105.3	111.0	116.7	123.6	131.8	141.5	152.6	166.1
22.5°	84.1	93.1	100.4	107.0	112.2	118.5	126.2	135.2	145.7	158.7	175.2
20°	85.8	94.7	101.9	108.3	113.2	120.0	128.5	138.1	150.1	165.6	184.6
17.5°	87.3	96.1	103.1	109.1	114.5	121.7	130.5	140.4	153.9	171.8	193.2
15°	88.8	97.2	104.0	109.8	115.7	123.4	132.6	143.4	158.1	177.8	200.9
12.5°	90.0	98.1	104.7	110.3	116.6	124.8	134.5	146.4	162.6	183.6	210.6
10°	91.1	98.8	105.3	110.6	117.2	125.8	136.1	148.9	166.2	188.1	218.1
7.5°	92.0	99.4	105.6	110.8	117.7	126.6	137.3	150.9	168.7	191.4	223.5
5°	92.6	99.8	106.1	111.5	118.4	127.1	138.2	152.2	170.2	193.3	226.9
2.5°	93.0	100.1	106.3	112.1	119.2	127.6	138.9	153.6	171.4	195.2	229.5
0°	93.1	100.2	106.4	112.5	119.7	127.8	139.1	154.4	171.8	196.4	231.2
-2.5°	93.0	100.1	106.3	112.1	119.2	127.6	138.9	153.6	171.4	195.2	229.5
-5°	92.6	99.8	106.1	111.5	118.4	127.1	138.2	152.2	170.2	193.3	226.9
-7.5°	92.0	99.4	105.6	110.8	117.7	126.6	137.3	150.9	168.7	191.4	223.5
-10°	91.1	98.8	105.3	110.6	117.2	125.8	136.1	148.9	166.2	188.1	218.1
-12.5°	90.0	98.1	104.7	110.3	116.6	124.8	134.5	146.4	162.6	183.6	210.6
-15°	88.8	97.2	104.0	109.8	115.7	123.4	132.6	143.4	158.1	177.8	200.9
-17.5°	87.3	96.1	103.1	109.1	114.5	121.7	130.5	140.4	153.9	171.8	193.2
-20°	85.8	94.7	101.9	108.3	113.2	120.0	128.5	138.1	150.1	165.6	184.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626639 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-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°	84.1	93.1	100.4	107.0	112.2	118.5	126.2	135.2	145.7	158.7	175.2
-25°	82.4	91.0	98.5	105.3	111.0	116.7	123.6	131.8	141.5	152.6	166.1
-27.5°	80.5	88.8	96.6	103.5	109.3	114.8	121.2	128.7	136.8	145.9	156.9
-30°	78.5	86.6	94.6	101.5	107.2	112.7	118.8	124.8	131.8	140.0	149.3
-32.5°	76.3	84.1	92.1	99.2	105.1	110.3	115.8	121.2	127.3	134.1	142.0
-35°	73.6	81.3	89.2	96.7	102.8	107.6	112.6	117.7	122.8	128.8	135.4
-37.5°	70.5	78.2	86.0	93.8	100.1	104.8	109.2	114.1	118.9	123.6	129.3
-40°	67.3	74.8	82.4	90.1	96.9	101.6	105.9	110.3	114.8	119.1	123.6
-42.5°	64.0	71.1	78.3	86.0	92.9	98.2	102.3	106.4	110.5	114.5	118.5
-45°	60.7	67.3	74.0	81.4	88.5	94.4	98.8	102.3	106.1	109.7	113.3
-47.5°	57.4	63.4	69.7	76.7	83.8	89.9	95.0	98.4	101.6	105.0	108.3
-50°	54.0	59.7	65.6	72.1	78.6	85.0	90.4	94.1	97.2	100.2	103.2
-52.5°	50.5	56.0	61.5	67.4	73.5	79.5	85.0	89.2	92.4	95.3	98.2
-55°	47.0	52.2	57.2	62.7	68.4	74.0	79.3	83.7	87.3	90.1	93.2
-57.5°	43.2	48.2	52.8	57.7	62.9	68.3	73.0	78.0	81.9	84.9	87.9
-60°	39.2	43.8	48.2	52.6	57.1	61.9	66.3	70.7	75.3	79.7	81.9
-62.5°	35.0	39.1	43.3	47.4	51.4	55.3	59.3	63.3	67.1	70.9	74.3
-65°	30.7	34.3	38.0	41.7	45.6	48.8	52.2	55.8	59.2	62.5	65.7
-67.5°	26.3	29.7	32.8	35.8	39.1	42.2	44.9	47.8	50.9	54.2	57.1
-70°	22.6	25.1	27.9	30.5	33.0	35.6	38.3	40.5	42.7	45.5	48.5
-72.5°	19.0	21.2	23.3	25.4	27.6	29.8	31.9	34.0	36.0	38.0	40.2
-75°	15.6	17.2	19.0	20.8	22.5	24.2	25.9	27.6	29.3	30.9	32.4
-77.5°	12.3	13.7	15.0	16.3	17.6	19.0	20.4	21.7	22.9	24.1	25.2
-80°	9.2	10.2	11.2	12.3	13.2	14.1	15.0	15.9	16.9	17.9	18.8
-82.5°	6.4	7.1	7.8	8.5	8.9	9.3	9.7	10.2	11.1	12.0	12.7
-85°	3.8	4.1	4.5	5.0	5.4	5.7	6.0	6.2	6.6	7.1	7.5
-87.5°	1.9	2.0	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.3
-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: P626639 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-750-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°	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9	4.0	3.8	3.5
85°	8.0	8.3	8.6	8.8	9.1	9.3	9.5	9.6	9.8	9.7	9.5
82.5°	13.5	14.0	14.5	14.9	15.4	15.7	16.1	16.4	16.7	16.6	16.6
80°	19.6	20.5	21.4	22.3	23.1	23.6	24.0	24.3	24.5	24.6	24.6
77.5°	26.4	27.7	29.1	30.5	31.9	32.7	33.2	33.7	34.1	34.2	34.1
75°	33.8	35.6	37.5	39.2	40.6	41.5	42.2	42.7	43.1	43.2	43.2
72.5°	42.5	44.6	46.4	47.8	49.0	50.0	50.8	51.5	52.0	52.2	52.3
70°	51.1	53.2	54.8	56.3	57.5	58.5	59.4	60.2	60.9	61.4	61.7
67.5°	59.7	62.2	63.8	65.1	66.2	67.2	68.5	69.5	70.4	71.0	71.4
65°	68.6	71.1	72.7	74.2	75.5	76.8	78.2	79.2	79.8	80.2	80.5
62.5°	77.2	79.5	81.6	83.5	85.3	86.8	87.8	88.6	89.4	90.0	90.5
60°	84.6	87.6	89.9	91.7	93.5	95.2	96.4	97.3	98.1	98.6	98.9
57.5°	90.9	93.9	96.6	98.4	100.4	102.4	103.8	104.6	105.3	105.9	106.2
55°	96.4	99.2	101.7	104.1	106.3	108.1	109.6	110.7	111.5	112.3	112.5
52.5°	101.4	104.5	107.4	109.9	112.1	113.9	115.3	116.6	117.6	118.3	118.6
50°	106.6	109.9	113.0	115.8	118.0	120.0	121.8	123.3	124.8	126.0	126.8
47.5°	111.7	115.3	118.7	121.8	124.4	127.3	129.9	132.0	134.2	135.9	137.1
45°	116.9	121.0	124.8	128.7	132.3	136.0	139.5	142.6	145.7	148.0	149.6
42.5°	122.7	127.3	131.8	136.8	141.6	146.5	151.8	156.5	160.2	163.7	166.5
40°	128.8	134.1	140.0	146.1	153.3	159.7	166.9	173.0	178.5	184.4	189.0
37.5°	135.4	142.0	149.7	157.9	167.2	176.0	185.3	194.5	202.5	211.9	219.1
35°	142.6	151.4	161.0	172.0	183.5	196.3	209.0	223.7	236.4	250.3	262.5
32.5°	151.2	161.7	174.3	188.8	203.6	222.9	241.0	264.4	284.7	306.8	329.1
30°	160.0	173.8	190.0	208.3	231.8	258.4	288.0	322.9	358.8	393.6	435.6
27.5°	171.0	187.6	207.2	233.9	268.6	304.5	355.4	407.7	473.9	528.6	605.7
25°	182.4	201.8	229.8	266.2	311.4	373.7	450.9	534.5	650.9	753.1	873.0
22.5°	194.7	221.1	255.8	300.7	369.3	464.9	581.8	739.3	910.9	1093.1	1274.4
20°	207.6	239.5	285.0	350.1	444.1	573.6	774.4	1017.6	1262.8	1563.4	1829.6
17.5°	222.6	263.2	319.2	400.6	526.1	724.4	1002.9	1342.5	1722.8	2155.1	2538.9
15°	235.0	283.4	354.2	468.0	640.6	895.4	1246.6	1713.8	2285.3	2865.8	3454.7
12.5°	249.5	305.5	388.5	524.3	741.1	1079.6	1557.7	2149.1	2862.8	3668.0	4617.1
10°	262.3	327.1	430.3	598.4	863.4	1271.8	1852.0	2563.4	3484.5	4643.0	6112.9
7.5°	271.8	344.3	462.6	654.8	969.1	1456.6	2130.0	3017.2	4187.6	5717.4	7734.7
5°	278.0	356.8	485.4	698.3	1051.8	1594.1	2333.8	3339.0	4751.1	6914.6	10330.7
2.5°	281.7	364.1	498.5	723.8	1102.2	1685.1	2488.8	3582.4	5116.2	7654.5	12000.4
0°	283.3	366.2	506.3	737.4	1118.9	1720.3	2560.0	3693.3	5279.7	7827.4	12294.0
-2.5°	281.7	364.1	498.5	723.8	1102.2	1685.1	2488.8	3582.4	5116.2	7654.5	12000.4
-5°	278.0	356.8	485.4	698.3	1051.8	1594.1	2333.8	3339.0	4751.1	6914.6	10330.7
-7.5°	271.8	344.3	462.6	654.8	969.1	1456.6	2130.0	3017.2	4187.6	5717.4	7734.7
-10°	262.3	327.1	430.3	598.4	863.4	1271.8	1852.0	2563.4	3484.5	4643.0	6112.9
-12.5°	249.5	305.5	388.5	524.3	741.1	1079.6	1557.7	2149.1	2862.8	3668.0	4617.1
-15°	235.0	283.4	354.2	468.0	640.6	895.4	1246.6	1713.8	2285.3	2865.8	3454.7
-17.5°	222.6	263.2	319.2	400.6	526.1	724.4	1002.9	1342.5	1722.8	2155.1	2538.9
-20°	207.6	239.5	285.0	350.1	444.1	573.6	774.4	1017.6	1262.8	1563.4	1829.6

Classified

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626639 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	194.7	221.1	255.8	300.7	369.3	464.9	581.8	739.3	910.9	1093.1	1274.4
-25°	182.4	201.8	229.8	266.2	311.4	373.7	450.9	534.5	650.9	753.1	873.0
-27.5°	171.0	187.6	207.2	233.9	268.6	304.5	355.4	407.7	473.9	528.6	605.7
-30°	160.0	173.8	190.0	208.3	231.8	258.4	288.0	322.9	358.8	393.6	435.6
-32.5°	151.2	161.7	174.3	188.8	203.6	222.9	241.0	264.4	284.7	306.8	329.1
-35°	142.6	151.4	161.0	172.0	183.5	196.3	209.0	223.7	236.4	250.3	262.5
-37.5°	135.4	142.0	149.7	157.9	167.2	176.0	185.3	194.5	202.5	211.9	219.1
-40°	128.8	134.1	140.0	146.1	153.3	159.7	166.9	173.0	178.5	184.4	189.0
-42.5°	122.7	127.3	131.8	136.8	141.6	146.5	151.8	156.5	160.2	163.7	166.5
-45°	116.9	121.0	124.8	128.7	132.3	136.0	139.5	142.6	145.7	148.0	149.6
-47.5°	111.7	115.3	118.7	121.8	124.4	127.3	129.9	132.0	134.2	135.9	137.1
-50°	106.6	109.9	113.0	115.8	118.0	120.0	121.8	123.3	124.8	126.0	126.8
-52.5°	101.4	104.5	107.4	109.9	112.1	113.9	115.3	116.6	117.6	118.3	118.6
-55°	96.4	99.2	101.7	104.1	106.3	108.1	109.6	110.7	111.5	112.3	112.5
-57.5°	90.9	93.9	96.6	98.4	100.4	102.4	103.8	104.6	105.3	105.9	106.2
-60°	84.6	87.6	89.9	91.7	93.5	95.2	96.4	97.3	98.1	98.6	98.9
-62.5°	77.2	79.5	81.6	83.5	85.3	86.8	87.8	88.6	89.4	90.0	90.5
-65°	68.6	71.1	72.7	74.2	75.5	76.8	78.2	79.2	79.8	80.2	80.5
-67.5°	59.7	62.2	63.8	65.1	66.2	67.2	68.5	69.5	70.4	71.0	71.4
-70°	51.1	53.2	54.8	56.3	57.5	58.5	59.4	60.2	60.9	61.4	61.7
-72.5°	42.5	44.6	46.4	47.8	49.0	50.0	50.8	51.5	52.0	52.2	52.3
-75°	33.8	35.6	37.5	39.2	40.6	41.5	42.2	42.7	43.1	43.2	43.2
-77.5°	26.4	27.7	29.1	30.5	31.9	32.7	33.2	33.7	34.1	34.2	34.1
-80°	19.6	20.5	21.4	22.3	23.1	23.6	24.0	24.3	24.5	24.6	24.6
-82.5°	13.5	14.0	14.5	14.9	15.4	15.7	16.1	16.4	16.7	16.6	16.6
-85°	8.0	8.3	8.6	8.8	9.1	9.3	9.5	9.6	9.8	9.7	9.5
-87.5°	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9	4.0	3.8	3.5
-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: P626639 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-750-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°	3.3	3.1	3.1	3.1	3.1	3.1	3.3	3.5	3.8	4.0	3.9
85°	9.3	9.2	9.2	9.2	9.2	9.2	9.3	9.5	9.7	9.8	9.6
82.5°	16.5	16.3	16.4	16.4	16.4	16.3	16.5	16.6	16.6	16.7	16.4
80°	24.5	24.4	24.0	23.5	24.0	24.4	24.5	24.6	24.6	24.5	24.3
77.5°	33.9	33.6	33.2	32.7	33.2	33.6	33.9	34.1	34.2	34.1	33.7
75°	43.1	42.8	42.9	43.0	42.9	42.8	43.1	43.2	43.2	43.1	42.7
72.5°	52.2	52.0	52.1	52.2	52.1	52.0	52.2	52.3	52.2	52.0	51.5
70°	62.0	62.1	61.9	61.4	61.9	62.1	62.0	61.7	61.4	60.9	60.2
67.5°	71.5	71.3	71.1	70.6	71.1	71.3	71.5	71.4	71.0	70.4	69.5
65°	80.6	80.5	80.7	80.8	80.7	80.5	80.6	80.5	80.2	79.8	79.2
62.5°	90.7	90.7	90.5	90.0	90.5	90.7	90.7	90.5	90.0	89.4	88.6
60°	99.0	98.9	98.7	98.2	98.7	98.9	99.0	98.9	98.6	98.1	97.3
57.5°	106.3	106.2	105.9	105.3	105.9	106.2	106.3	106.2	105.9	105.3	104.6
55°	112.5	112.4	112.0	111.5	112.0	112.4	112.5	112.5	112.3	111.5	110.7
52.5°	118.6	118.5	118.5	118.6	118.5	118.5	118.6	118.6	118.3	117.6	116.6
50°	127.3	127.4	127.3	126.8	127.3	127.4	127.3	126.8	126.0	124.8	123.3
47.5°	137.7	137.8	137.6	137.1	137.6	137.8	137.7	137.1	135.9	134.2	132.0
45°	150.8	151.6	151.8	151.4	151.8	151.6	150.8	149.6	148.0	145.7	142.6
42.5°	168.6	169.8	170.1	169.8	170.1	169.8	168.6	166.5	163.7	160.2	156.5
40°	191.9	193.2	193.5	193.3	193.5	193.2	191.9	189.0	184.4	178.5	173.0
37.5°	224.2	227.4	228.9	229.1	228.9	227.4	224.2	219.1	211.9	202.5	194.5
35°	271.8	278.2	281.6	283.3	281.6	278.2	271.8	262.5	250.3	236.4	223.7
32.5°	346.0	358.9	366.0	365.1	366.0	358.9	346.0	329.1	306.8	284.7	264.4
30°	467.3	489.8	501.1	498.1	501.1	489.8	467.3	435.6	393.6	358.8	322.9
27.5°	661.1	701.7	725.2	722.1	725.2	701.7	661.1	605.7	528.6	473.9	407.7
25°	973.2	1047.4	1094.9	1083.1	1094.9	1047.4	973.2	873.0	753.1	650.9	534.5
22.5°	1448.1	1573.8	1657.0	1646.7	1657.0	1573.8	1448.1	1274.4	1093.1	910.9	739.3
20°	2099.5	2290.8	2427.4	2445.5	2427.4	2290.8	2099.5	1829.6	1563.4	1262.8	1017.6
17.5°	2953.4	3256.7	3467.8	3503.1	3467.8	3256.7	2953.4	2538.9	2155.1	1722.8	1342.5
15°	4063.1	4558.8	4917.6	4947.2	4917.6	4558.8	4063.1	3454.7	2865.8	2285.3	1713.8
12.5°	5570.0	6567.0	7217.8	7504.2	7217.8	6567.0	5570.0	4617.1	3668.0	2862.8	2149.1
10°	7655.4	9945.6	11412.2	11963.6	11412.2	9945.6	7655.4	6112.9	4643.0	3484.5	2563.4
7.5°	11138.6	14734.3	18731.7	20435.4	18731.7	14734.3	11138.6	7734.7	5717.4	4187.6	3017.2
5°	15083.2	22545.6	29643.6	32415.4	29643.6	22545.6	15083.2	10330.7	6914.6	4751.1	3339.0
2.5°	19233.9	29635.3	39382.3	43194.1	39382.3	29635.3	19233.9	12000.4	7654.5	5116.2	3582.4
0°	20854.7	32739.6	43463.6	47737.8	43463.6	32739.6	20854.7	12294.0	7827.4	5279.7	3693.3
-2.5°	19233.9	29635.3	39382.3	43194.1	39382.3	29635.3	19233.9	12000.4	7654.5	5116.2	3582.4
-5°	15083.2	22545.6	29643.6	32415.4	29643.6	22545.6	15083.2	10330.7	6914.6	4751.1	3339.0
-7.5°	11138.6	14734.3	18731.7	20435.4	18731.7	14734.3	11138.6	7734.7	5717.4	4187.6	3017.2
-10°	7655.4	9945.6	11412.2	11963.6	11412.2	9945.6	7655.4	6112.9	4643.0	3484.5	2563.4
-12.5°	5570.0	6567.0	7217.8	7504.2	7217.8	6567.0	5570.0	4617.1	3668.0	2862.8	2149.1
-15°	4063.1	4558.8	4917.6	4947.2	4917.6	4558.8	4063.1	3454.7	2865.8	2285.3	1713.8
-17.5°	2953.4	3256.7	3467.8	3503.1	3467.8	3256.7	2953.4	2538.9	2155.1	1722.8	1342.5
-20°	2099.5	2290.8	2427.4	2445.5	2427.4	2290.8	2099.5	1829.6	1563.4	1262.8	1017.6



REPORT NUMBER: P626639 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-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°	1448.1	1573.8	1657.0	1646.7	1657.0	1573.8	1448.1	1274.4	1093.1	910.9	739.3
-25°	973.2	1047.4	1094.9	1083.1	1094.9	1047.4	973.2	873.0	753.1	650.9	534.5
-27.5°	661.1	701.7	725.2	722.1	725.2	701.7	661.1	605.7	528.6	473.9	407.7
-30°	467.3	489.8	501.1	498.1	501.1	489.8	467.3	435.6	393.6	358.8	322.9
-32.5°	346.0	358.9	366.0	365.1	366.0	358.9	346.0	329.1	306.8	284.7	264.4
-35°	271.8	278.2	281.6	283.3	281.6	278.2	271.8	262.5	250.3	236.4	223.7
-37.5°	224.2	227.4	228.9	229.1	228.9	227.4	224.2	219.1	211.9	202.5	194.5
-40°	191.9	193.2	193.5	193.3	193.5	193.2	191.9	189.0	184.4	178.5	173.0
-42.5°	168.6	169.8	170.1	169.8	170.1	169.8	168.6	166.5	163.7	160.2	156.5
-45°	150.8	151.6	151.8	151.4	151.8	151.6	150.8	149.6	148.0	145.7	142.6
-47.5°	137.7	137.8	137.6	137.1	137.6	137.8	137.7	137.1	135.9	134.2	132.0
-50°	127.3	127.4	127.3	126.8	127.3	127.4	127.3	126.8	126.0	124.8	123.3
-52.5°	118.6	118.5	118.5	118.6	118.5	118.5	118.6	118.6	118.3	117.6	116.6
-55°	112.5	112.4	112.0	111.5	112.0	112.4	112.5	112.5	112.3	111.5	110.7
-57.5°	106.3	106.2	105.9	105.3	105.9	106.2	106.3	106.2	105.9	105.3	104.6
-60°	99.0	98.9	98.7	98.2	98.7	98.9	99.0	98.9	98.6	98.1	97.3
-62.5°	90.7	90.7	90.5	90.0	90.5	90.7	90.7	90.5	90.0	89.4	88.6
-65°	80.6	80.5	80.7	80.8	80.7	80.5	80.6	80.5	80.2	79.8	79.2
-67.5°	71.5	71.3	71.1	70.6	71.1	71.3	71.5	71.4	71.0	70.4	69.5
-70°	62.0	62.1	61.9	61.4	61.9	62.1	62.0	61.7	61.4	60.9	60.2
-72.5°	52.2	52.0	52.1	52.2	52.1	52.0	52.2	52.3	52.2	52.0	51.5
-75°	43.1	42.8	42.9	43.0	42.9	42.8	43.1	43.2	43.2	43.1	42.7
-77.5°	33.9	33.6	33.2	32.7	33.2	33.6	33.9	34.1	34.2	34.1	33.7
-80°	24.5	24.4	24.0	23.5	24.0	24.4	24.5	24.6	24.6	24.5	24.3
-82.5°	16.5	16.3	16.4	16.4	16.4	16.3	16.5	16.6	16.6	16.7	16.4
-85°	9.3	9.2	9.2	9.2	9.2	9.2	9.3	9.5	9.7	9.8	9.6
-87.5°	3.3	3.1	3.1	3.1	3.1	3.1	3.3	3.5	3.8	4.0	3.9
-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: P626639 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-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°	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.1	3.0	2.9
85°	9.5	9.3	9.1	8.8	8.6	8.3	8.0	7.5	7.1	6.6	6.2
82.5°	16.1	15.7	15.4	14.9	14.5	14.0	13.5	12.7	12.0	11.1	10.2
80°	24.0	23.6	23.1	22.3	21.4	20.5	19.6	18.8	17.9	16.9	15.9
77.5°	33.2	32.7	31.9	30.5	29.1	27.7	26.4	25.2	24.1	22.9	21.7
75°	42.2	41.5	40.6	39.2	37.5	35.6	33.8	32.4	30.9	29.3	27.6
72.5°	50.8	50.0	49.0	47.8	46.4	44.6	42.5	40.2	38.0	36.0	34.0
70°	59.4	58.5	57.5	56.3	54.8	53.2	51.1	48.5	45.5	42.7	40.5
67.5°	68.5	67.2	66.2	65.1	63.8	62.2	59.7	57.1	54.2	50.9	47.8
65°	78.2	76.8	75.5	74.2	72.7	71.1	68.6	65.7	62.5	59.2	55.8
62.5°	87.8	86.8	85.3	83.5	81.6	79.5	77.2	74.3	70.9	67.1	63.3
60°	96.4	95.2	93.5	91.7	89.9	87.6	84.6	81.9	79.7	75.3	70.7
57.5°	103.8	102.4	100.4	98.4	96.6	93.9	90.9	87.9	84.9	81.9	78.0
55°	109.6	108.1	106.3	104.1	101.7	99.2	96.4	93.2	90.1	87.3	83.7
52.5°	115.3	113.9	112.1	109.9	107.4	104.5	101.4	98.2	95.3	92.4	89.2
50°	121.8	120.0	118.0	115.8	113.0	109.9	106.6	103.2	100.2	97.2	94.1
47.5°	129.9	127.3	124.4	121.8	118.7	115.3	111.7	108.3	105.0	101.6	98.4
45°	139.5	136.0	132.3	128.7	124.8	121.0	116.9	113.3	109.7	106.1	102.3
42.5°	151.8	146.5	141.6	136.8	131.8	127.3	122.7	118.5	114.5	110.5	106.4
40°	166.9	159.7	153.3	146.1	140.0	134.1	128.8	123.6	119.1	114.8	110.3
37.5°	185.3	176.0	167.2	157.9	149.7	142.0	135.4	129.3	123.6	118.9	114.1
35°	209.0	196.3	183.5	172.0	161.0	151.4	142.6	135.4	128.8	122.8	117.7
32.5°	241.0	222.9	203.6	188.8	174.3	161.7	151.2	142.0	134.1	127.3	121.2
30°	288.0	258.4	231.8	208.3	190.0	173.8	160.0	149.3	140.0	131.8	124.8
27.5°	355.4	304.5	268.6	233.9	207.2	187.6	171.0	156.9	145.9	136.8	128.7
25°	450.9	373.7	311.4	266.2	229.8	201.8	182.4	166.1	152.6	141.5	131.8
22.5°	581.8	464.9	369.3	300.7	255.8	221.1	194.7	175.2	158.7	145.7	135.2
20°	774.4	573.6	444.1	350.1	285.0	239.5	207.6	184.6	165.6	150.1	138.1
17.5°	1002.9	724.4	526.1	400.6	319.2	263.2	222.6	193.2	171.8	153.9	140.4
15°	1246.6	895.4	640.6	468.0	354.2	283.4	235.0	200.9	177.8	158.1	143.4
12.5°	1557.7	1079.6	741.1	524.3	388.5	305.5	249.5	210.6	183.6	162.6	146.4
10°	1852.0	1271.8	863.4	598.4	430.3	327.1	262.3	218.1	188.1	166.2	148.9
7.5°	2130.0	1456.6	969.1	654.8	462.6	344.3	271.8	223.5	191.4	168.7	150.9
5°	2333.8	1594.1	1051.8	698.3	485.4	356.8	278.0	226.9	193.3	170.2	152.2
2.5°	2488.8	1685.1	1102.2	723.8	498.5	364.1	281.7	229.5	195.2	171.4	153.6
0°	2560.0	1720.3	1118.9	737.4	506.3	366.2	283.3	231.2	196.4	171.8	154.4
-2.5°	2488.8	1685.1	1102.2	723.8	498.5	364.1	281.7	229.5	195.2	171.4	153.6
-5°	2333.8	1594.1	1051.8	698.3	485.4	356.8	278.0	226.9	193.3	170.2	152.2
-7.5°	2130.0	1456.6	969.1	654.8	462.6	344.3	271.8	223.5	191.4	168.7	150.9
-10°	1852.0	1271.8	863.4	598.4	430.3	327.1	262.3	218.1	188.1	166.2	148.9
-12.5°	1557.7	1079.6	741.1	524.3	388.5	305.5	249.5	210.6	183.6	162.6	146.4
-15°	1246.6	895.4	640.6	468.0	354.2	283.4	235.0	200.9	177.8	158.1	143.4
-17.5°	1002.9	724.4	526.1	400.6	319.2	263.2	222.6	193.2	171.8	153.9	140.4
-20°	774.4	573.6	444.1	350.1	285.0	239.5	207.6	184.6	165.6	150.1	138.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626639 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	581.8	464.9	369.3	300.7	255.8	221.1	194.7	175.2	158.7	145.7	135.2
-25°	450.9	373.7	311.4	266.2	229.8	201.8	182.4	166.1	152.6	141.5	131.8
-27.5°	355.4	304.5	268.6	233.9	207.2	187.6	171.0	156.9	145.9	136.8	128.7
-30°	288.0	258.4	231.8	208.3	190.0	173.8	160.0	149.3	140.0	131.8	124.8
-32.5°	241.0	222.9	203.6	188.8	174.3	161.7	151.2	142.0	134.1	127.3	121.2
-35°	209.0	196.3	183.5	172.0	161.0	151.4	142.6	135.4	128.8	122.8	117.7
-37.5°	185.3	176.0	167.2	157.9	149.7	142.0	135.4	129.3	123.6	118.9	114.1
-40°	166.9	159.7	153.3	146.1	140.0	134.1	128.8	123.6	119.1	114.8	110.3
-42.5°	151.8	146.5	141.6	136.8	131.8	127.3	122.7	118.5	114.5	110.5	106.4
-45°	139.5	136.0	132.3	128.7	124.8	121.0	116.9	113.3	109.7	106.1	102.3
-47.5°	129.9	127.3	124.4	121.8	118.7	115.3	111.7	108.3	105.0	101.6	98.4
-50°	121.8	120.0	118.0	115.8	113.0	109.9	106.6	103.2	100.2	97.2	94.1
-52.5°	115.3	113.9	112.1	109.9	107.4	104.5	101.4	98.2	95.3	92.4	89.2
-55°	109.6	108.1	106.3	104.1	101.7	99.2	96.4	93.2	90.1	87.3	83.7
-57.5°	103.8	102.4	100.4	98.4	96.6	93.9	90.9	87.9	84.9	81.9	78.0
-60°	96.4	95.2	93.5	91.7	89.9	87.6	84.6	81.9	79.7	75.3	70.7
-62.5°	87.8	86.8	85.3	83.5	81.6	79.5	77.2	74.3	70.9	67.1	63.3
-65°	78.2	76.8	75.5	74.2	72.7	71.1	68.6	65.7	62.5	59.2	55.8
-67.5°	68.5	67.2	66.2	65.1	63.8	62.2	59.7	57.1	54.2	50.9	47.8
-70°	59.4	58.5	57.5	56.3	54.8	53.2	51.1	48.5	45.5	42.7	40.5
-72.5°	50.8	50.0	49.0	47.8	46.4	44.6	42.5	40.2	38.0	36.0	34.0
-75°	42.2	41.5	40.6	39.2	37.5	35.6	33.8	32.4	30.9	29.3	27.6
-77.5°	33.2	32.7	31.9	30.5	29.1	27.7	26.4	25.2	24.1	22.9	21.7
-80°	24.0	23.6	23.1	22.3	21.4	20.5	19.6	18.8	17.9	16.9	15.9
-82.5°	16.1	15.7	15.4	14.9	14.5	14.0	13.5	12.7	12.0	11.1	10.2
-85°	9.5	9.3	9.1	8.8	8.6	8.3	8.0	7.5	7.1	6.6	6.2
-87.5°	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.1	3.0	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



REPORT NUMBER: P626639 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-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°	2.8	2.6	2.5	2.4	2.2	2.0	1.9	1.7	1.6	1.4	1.2
85°	6.0	5.7	5.4	5.0	4.5	4.1	3.8	3.5	3.1	2.8	2.5
82.5°	9.7	9.3	8.9	8.5	7.8	7.1	6.4	5.7	5.0	4.2	3.7
80°	15.0	14.1	13.2	12.3	11.2	10.2	9.2	8.3	7.3	6.3	5.3
77.5°	20.4	19.0	17.6	16.3	15.0	13.7	12.3	10.9	9.6	8.4	7.1
75°	25.9	24.2	22.5	20.8	19.0	17.2	15.6	13.9	12.2	10.4	8.9
72.5°	31.9	29.8	27.6	25.4	23.3	21.2	19.0	16.8	14.8	12.8	10.7
70°	38.3	35.6	33.0	30.5	27.9	25.1	22.6	20.1	17.5	15.1	12.8
67.5°	44.9	42.2	39.1	35.8	32.8	29.7	26.3	23.3	20.4	17.5	14.8
65°	52.2	48.8	45.6	41.7	38.0	34.3	30.7	26.8	23.3	20.1	16.8
62.5°	59.3	55.3	51.4	47.4	43.3	39.1	35.0	30.6	26.3	22.6	19.0
60°	66.3	61.9	57.1	52.6	48.2	43.8	39.2	34.3	29.6	25.1	21.2
57.5°	73.0	68.3	62.9	57.7	52.8	48.2	43.2	37.9	32.8	27.8	23.3
55°	79.3	74.0	68.4	62.7	57.2	52.2	47.0	41.4	35.9	30.5	25.3
52.5°	85.0	79.5	73.5	67.4	61.5	56.0	50.5	44.7	38.8	33.1	27.5
50°	90.4	85.0	78.6	72.1	65.6	59.7	54.0	47.9	41.6	35.6	29.7
47.5°	95.0	89.9	83.8	76.7	69.7	63.4	57.4	51.0	44.3	38.0	31.7
45°	98.8	94.4	88.5	81.4	74.0	67.3	60.7	54.1	47.1	40.2	33.7
42.5°	102.3	98.2	92.9	86.0	78.3	71.1	64.0	57.1	49.8	42.4	35.6
40°	105.9	101.6	96.9	90.1	82.4	74.8	67.3	59.9	52.3	44.6	37.5
37.5°	109.2	104.8	100.1	93.8	86.0	78.2	70.5	62.7	54.7	46.7	39.2
35°	112.6	107.6	102.8	96.7	89.2	81.3	73.6	65.4	57.0	48.7	40.8
32.5°	115.8	110.3	105.1	99.2	92.1	84.1	76.3	67.8	59.1	50.5	42.3
30°	118.8	112.7	107.2	101.5	94.6	86.6	78.5	70.0	61.1	52.2	43.8
27.5°	121.2	114.8	109.3	103.5	96.6	88.8	80.5	71.9	62.9	53.8	45.1
25°	123.6	116.7	111.0	105.3	98.5	91.0	82.4	73.6	64.5	55.2	46.3
22.5°	126.2	118.5	112.2	107.0	100.4	93.1	84.1	75.1	65.9	56.5	47.4
20°	128.5	120.0	113.2	108.3	101.9	94.7	85.8	76.4	67.1	57.7	48.4
17.5°	130.5	121.7	114.5	109.1	103.1	96.1	87.3	77.6	68.1	58.7	49.2
15°	132.6	123.4	115.7	109.8	104.0	97.2	88.8	78.6	68.9	59.6	49.9
12.5°	134.5	124.8	116.6	110.3	104.7	98.1	90.0	79.4	69.6	60.3	50.6
10°	136.1	125.8	117.2	110.6	105.3	98.8	91.1	80.2	70.2	60.9	51.1
7.5°	137.3	126.6	117.7	110.8	105.6	99.4	92.0	81.1	70.8	61.2	51.6
5°	138.2	127.1	118.4	111.5	106.1	99.8	92.6	81.9	71.2	61.5	51.9
2.5°	138.9	127.6	119.2	112.1	106.3	100.1	93.0	82.5	71.5	61.5	52.1
0°	139.1	127.8	119.7	112.5	106.4	100.2	93.1	82.8	71.6	61.4	52.2
-2.5°	138.9	127.6	119.2	112.1	106.3	100.1	93.0	82.5	71.5	61.5	52.1
-5°	138.2	127.1	118.4	111.5	106.1	99.8	92.6	81.9	71.2	61.5	51.9
-7.5°	137.3	126.6	117.7	110.8	105.6	99.4	92.0	81.1	70.8	61.2	51.6
-10°	136.1	125.8	117.2	110.6	105.3	98.8	91.1	80.2	70.2	60.9	51.1
-12.5°	134.5	124.8	116.6	110.3	104.7	98.1	90.0	79.4	69.6	60.3	50.6
-15°	132.6	123.4	115.7	109.8	104.0	97.2	88.8	78.6	68.9	59.6	49.9
-17.5°	130.5	121.7	114.5	109.1	103.1	96.1	87.3	77.6	68.1	58.7	49.2
-20°	128.5	120.0	113.2	108.3	101.9	94.7	85.8	76.4	67.1	57.7	48.4



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	126.2	118.5	112.2	107.0	100.4	93.1	84.1	75.1	65.9	56.5	47.4
-25°	123.6	116.7	111.0	105.3	98.5	91.0	82.4	73.6	64.5	55.2	46.3
-27.5°	121.2	114.8	109.3	103.5	96.6	88.8	80.5	71.9	62.9	53.8	45.1
-30°	118.8	112.7	107.2	101.5	94.6	86.6	78.5	70.0	61.1	52.2	43.8
-32.5°	115.8	110.3	105.1	99.2	92.1	84.1	76.3	67.8	59.1	50.5	42.3
-35°	112.6	107.6	102.8	96.7	89.2	81.3	73.6	65.4	57.0	48.7	40.8
-37.5°	109.2	104.8	100.1	93.8	86.0	78.2	70.5	62.7	54.7	46.7	39.2
-40°	105.9	101.6	96.9	90.1	82.4	74.8	67.3	59.9	52.3	44.6	37.5
-42.5°	102.3	98.2	92.9	86.0	78.3	71.1	64.0	57.1	49.8	42.4	35.6
-45°	98.8	94.4	88.5	81.4	74.0	67.3	60.7	54.1	47.1	40.2	33.7
-47.5°	95.0	89.9	83.8	76.7	69.7	63.4	57.4	51.0	44.3	38.0	31.7
-50°	90.4	85.0	78.6	72.1	65.6	59.7	54.0	47.9	41.6	35.6	29.7
-52.5°	85.0	79.5	73.5	67.4	61.5	56.0	50.5	44.7	38.8	33.1	27.5
-55°	79.3	74.0	68.4	62.7	57.2	52.2	47.0	41.4	35.9	30.5	25.3
-57.5°	73.0	68.3	62.9	57.7	52.8	48.2	43.2	37.9	32.8	27.8	23.3
-60°	66.3	61.9	57.1	52.6	48.2	43.8	39.2	34.3	29.6	25.1	21.2
-62.5°	59.3	55.3	51.4	47.4	43.3	39.1	35.0	30.6	26.3	22.6	19.0
-65°	52.2	48.8	45.6	41.7	38.0	34.3	30.7	26.8	23.3	20.1	16.8
-67.5°	44.9	42.2	39.1	35.8	32.8	29.7	26.3	23.3	20.4	17.5	14.8
-70°	38.3	35.6	33.0	30.5	27.9	25.1	22.6	20.1	17.5	15.1	12.8
-72.5°	31.9	29.8	27.6	25.4	23.3	21.2	19.0	16.8	14.8	12.8	10.7
-75°	25.9	24.2	22.5	20.8	19.0	17.2	15.6	13.9	12.2	10.4	8.9
-77.5°	20.4	19.0	17.6	16.3	15.0	13.7	12.3	10.9	9.6	8.4	7.1
-80°	15.0	14.1	13.2	12.3	11.2	10.2	9.2	8.3	7.3	6.3	5.3
-82.5°	9.7	9.3	8.9	8.5	7.8	7.1	6.4	5.7	5.0	4.2	3.7
-85°	6.0	5.7	5.4	5.0	4.5	4.1	3.8	3.5	3.1	2.8	2.5
-87.5°	2.8	2.6	2.5	2.4	2.2	2.0	1.9	1.7	1.6	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°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
85°	2.1	1.8	1.4	1.1	0.7	0.3	0.0
82.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
80°	4.3	3.5	2.8	2.1	1.4	0.6	0.0
77.5°	5.8	4.5	3.5	2.7	1.8	0.8	0.0
75°	7.3	5.8	4.3	3.2	2.1	0.9	0.0
72.5°	8.8	7.0	5.2	3.7	2.4	1.1	0.0
70°	10.3	8.1	6.1	4.2	2.8	1.2	0.0
67.5°	12.1	9.3	7.0	4.9	3.1	1.4	0.0
65°	13.8	10.6	7.9	5.5	3.4	1.5	0.0
62.5°	15.4	11.9	8.7	6.1	3.7	1.6	0.0
60°	17.0	13.3	9.5	6.7	4.0	1.8	0.0
57.5°	18.8	14.6	10.6	7.3	4.3	1.9	0.0
55°	20.5	15.9	11.6	7.8	4.7	2.0	0.0
52.5°	22.2	17.1	12.6	8.4	5.0	2.1	0.0
50°	23.8	18.5	13.5	8.9	5.4	2.2	0.0
47.5°	25.4	19.8	14.4	9.4	5.7	2.3	0.0
45°	27.1	21.0	15.3	10.1	6.0	2.4	0.0
42.5°	28.8	22.2	16.2	10.7	6.3	2.5	0.0
40°	30.3	23.4	17.0	11.3	6.6	2.6	0.0
37.5°	31.8	24.4	17.9	11.9	6.9	2.7	0.0
35°	33.2	25.5	18.7	12.5	7.2	2.8	0.0
32.5°	34.5	26.6	19.4	13.0	7.5	2.8	0.0
30°	35.7	27.6	20.1	13.5	7.7	2.9	0.0
27.5°	36.8	28.6	20.8	13.9	7.9	3.0	0.0
25°	37.9	29.4	21.4	14.4	8.1	3.0	0.0
22.5°	38.8	30.2	22.0	14.7	8.3	3.0	0.0
20°	39.6	30.9	22.5	15.1	8.5	3.1	0.0
17.5°	40.3	31.4	23.0	15.4	8.7	3.1	0.0
15°	40.9	31.9	23.4	15.7	8.8	3.1	0.0
12.5°	41.3	32.2	23.7	15.9	8.9	3.1	0.0
10°	41.6	32.5	24.0	16.1	9.0	3.1	0.0
7.5°	41.9	32.7	24.2	16.2	9.1	3.1	0.0
5°	42.0	32.8	24.4	16.3	9.2	3.1	0.0
2.5°	42.0	32.8	24.5	16.4	9.2	3.1	0.0
0°	41.9	32.7	24.5	16.4	9.2	3.1	0.0
-2.5°	42.0	32.8	24.5	16.4	9.2	3.1	0.0
-5°	42.0	32.8	24.4	16.3	9.2	3.1	0.0
-7.5°	41.9	32.7	24.2	16.2	9.1	3.1	0.0
-10°	41.6	32.5	24.0	16.1	9.0	3.1	0.0
-12.5°	41.3	32.2	23.7	15.9	8.9	3.1	0.0
-15°	40.9	31.9	23.4	15.7	8.8	3.1	0.0
-17.5°	40.3	31.4	23.0	15.4	8.7	3.1	0.0
-20°	39.6	30.9	22.5	15.1	8.5	3.1	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	38.8	30.2	22.0	14.7	8.3	3.0	0.0
-25°	37.9	29.4	21.4	14.4	8.1	3.0	0.0
-27.5°	36.8	28.6	20.8	13.9	7.9	3.0	0.0
-30°	35.7	27.6	20.1	13.5	7.7	2.9	0.0
-32.5°	34.5	26.6	19.4	13.0	7.5	2.8	0.0
-35°	33.2	25.5	18.7	12.5	7.2	2.8	0.0
-37.5°	31.8	24.4	17.9	11.9	6.9	2.7	0.0
-40°	30.3	23.4	17.0	11.3	6.6	2.6	0.0
-42.5°	28.8	22.2	16.2	10.7	6.3	2.5	0.0
-45°	27.1	21.0	15.3	10.1	6.0	2.4	0.0
-47.5°	25.4	19.8	14.4	9.4	5.7	2.3	0.0
-50°	23.8	18.5	13.5	8.9	5.4	2.2	0.0
-52.5°	22.2	17.1	12.6	8.4	5.0	2.1	0.0
-55°	20.5	15.9	11.6	7.8	4.7	2.0	0.0
-57.5°	18.8	14.6	10.6	7.3	4.3	1.9	0.0
-60°	17.0	13.3	9.5	6.7	4.0	1.8	0.0
-62.5°	15.4	11.9	8.7	6.1	3.7	1.6	0.0
-65°	13.8	10.6	7.9	5.5	3.4	1.5	0.0
-67.5°	12.1	9.3	7.0	4.9	3.1	1.4	0.0
-70°	10.3	8.1	6.1	4.2	2.8	1.2	0.0
-72.5°	8.8	7.0	5.2	3.7	2.4	1.1	0.0
-75°	7.3	5.8	4.3	3.2	2.1	0.9	0.0
-77.5°	5.8	4.5	3.5	2.7	1.8	0.8	0.0
-80°	4.3	3.5	2.8	2.1	1.4	0.6	0.0
-82.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
-85°	2.1	1.8	1.4	1.1	0.7	0.3	0.0
-87.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)