

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: P626529 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-722-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626529 (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-SA1A-722-U-NR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2213.1 lumens
Efficiency: N/A
Efficacy: 122.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 20841.4 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.7°H x 13.6°V
Beam Lumens: 654.3 lumens
Beam Efficiency: 29.6%

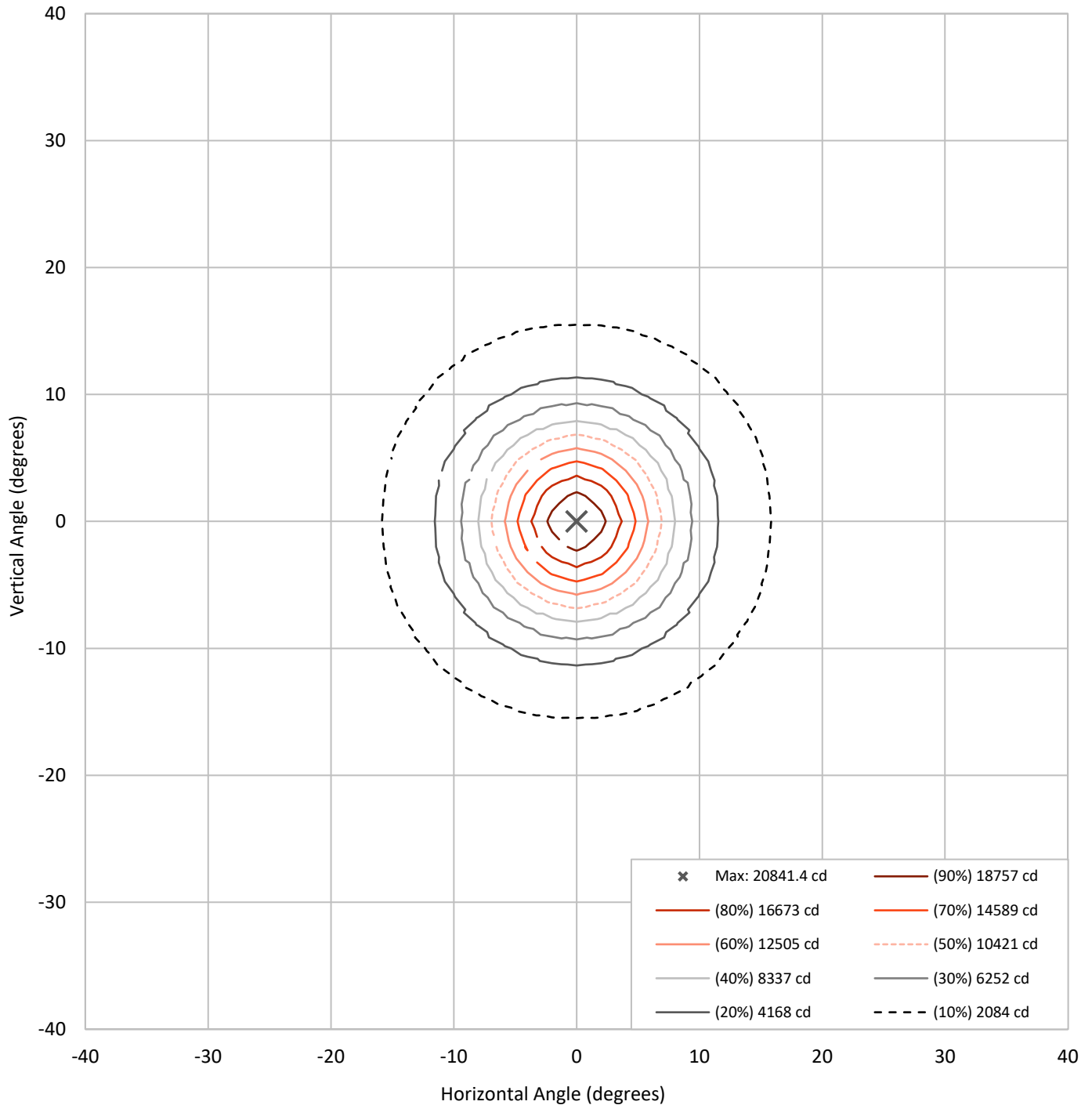
Field Angle (10%): 31.6°H x 30.6°V
Field Lumens: 1472.4 lumens
Field Efficiency: 66.5%

Input Watts (W): 18.1
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





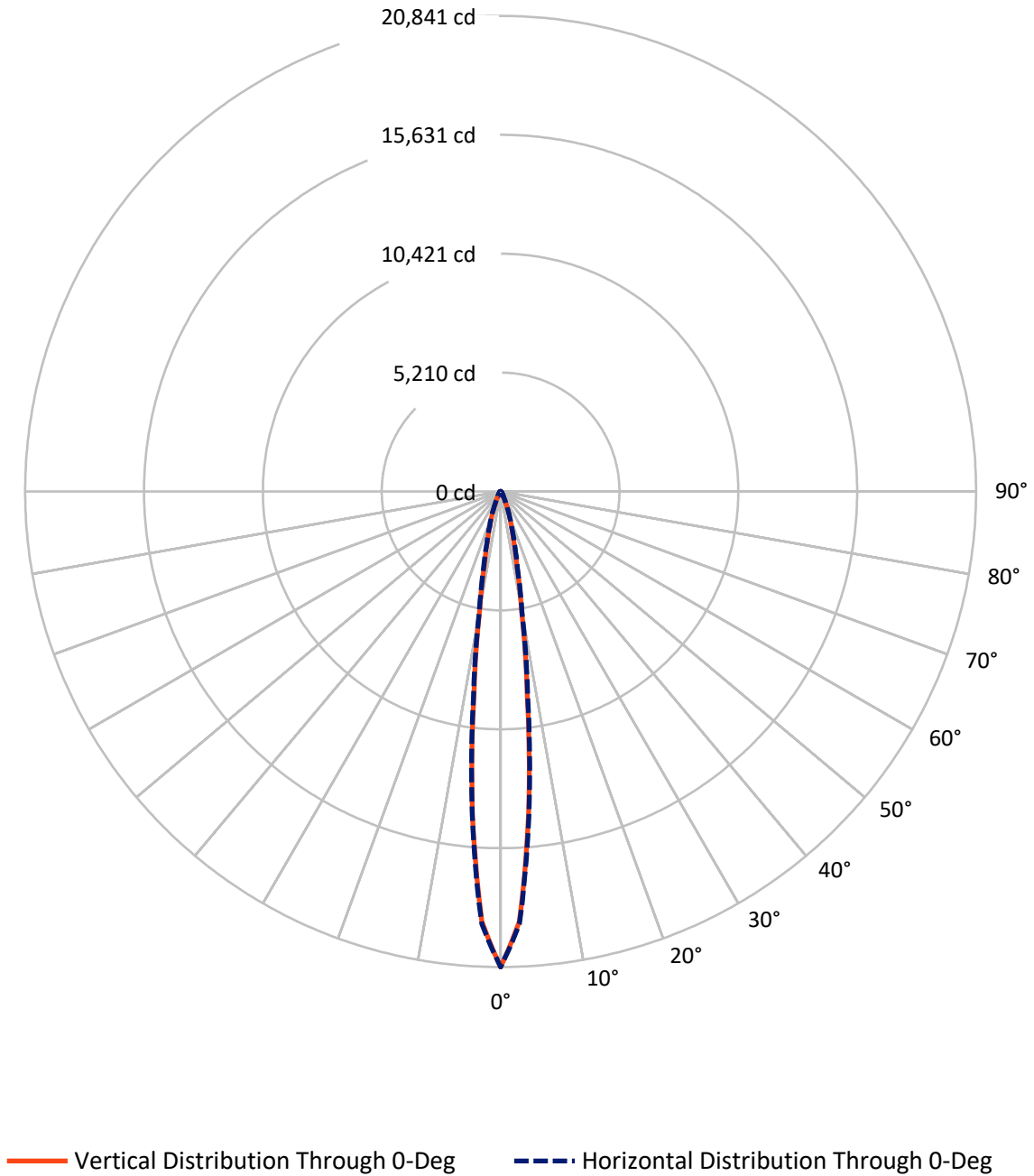
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Lumen Table

90																			
80	0.0	0.3		0.8		1.3		1.4		1.3		0.8		0.3		0.0			
70																			
60	0.1	0.2	0.3	0.5	0.7	0.9	1.0	1.1	1.1	1.0	0.9	0.7	0.5	0.3	0.2	0.1			
50		0.2	0.5	0.8	1.0	1.3	1.4	1.5	1.5	1.4	1.3	1.0	0.8	0.5	0.2				
40	0.2	0.3	0.6	1.0	1.3	1.6	1.9	2.0	2.0	1.9	1.6	1.3	1.0	0.6	0.3	0.2			
30		0.4	0.7	1.1	1.6	2.3	3.2	3.9	3.9	3.2	2.3	1.6	1.1	0.7	0.4				
20	0.3	0.4	0.8	1.3	2.0	4.0	9.2	15.2	15.2	9.2	4.0	2.0	1.3	0.8	0.4	0.3			
10		0.4	0.8	1.4	2.7	8.6	30.5	65.7	65.7	30.5	8.6	2.7	1.4	0.8	0.4				
0	0.3	0.5	0.9	1.5	3.3	14.2	66.3	286.3	286.3	66.3	14.2	3.3	1.5	0.9	0.5	0.3			
-10		0.5	0.9	1.5	3.3	14.2	66.3	286.3	286.3	66.3	14.2	3.3	1.5	0.9	0.5				
-20	0.3	0.4	0.8	1.4	2.7	8.6	30.5	65.7	65.7	30.5	8.6	2.7	1.4	0.8	0.4	0.3			
-30		0.4	0.8	1.3	2.0	4.0	9.2	15.2	15.2	9.2	4.0	2.0	1.3	0.8	0.4				
-40	0.2	0.4	0.7	1.1	1.6	2.3	3.2	3.9	3.9	3.2	2.3	1.6	1.1	0.7	0.4	0.2			
-50		0.3	0.6	1.0	1.3	1.6	1.9	2.0	2.0	1.9	1.6	1.3	1.0	0.6	0.3				
-60	0.1	0.2	0.5	0.8	1.0	1.3	1.4	1.5	1.5	1.4	1.3	1.0	0.8	0.5	0.2	0.1			
-70		0.2	0.3	0.5	0.7	0.9	1.0	1.1	1.1	1.0	0.9	0.7	0.5	0.3	0.2				
-80																			
-90	0.0	0.3		0.8		1.3		1.4		1.3		0.8		0.3		0.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

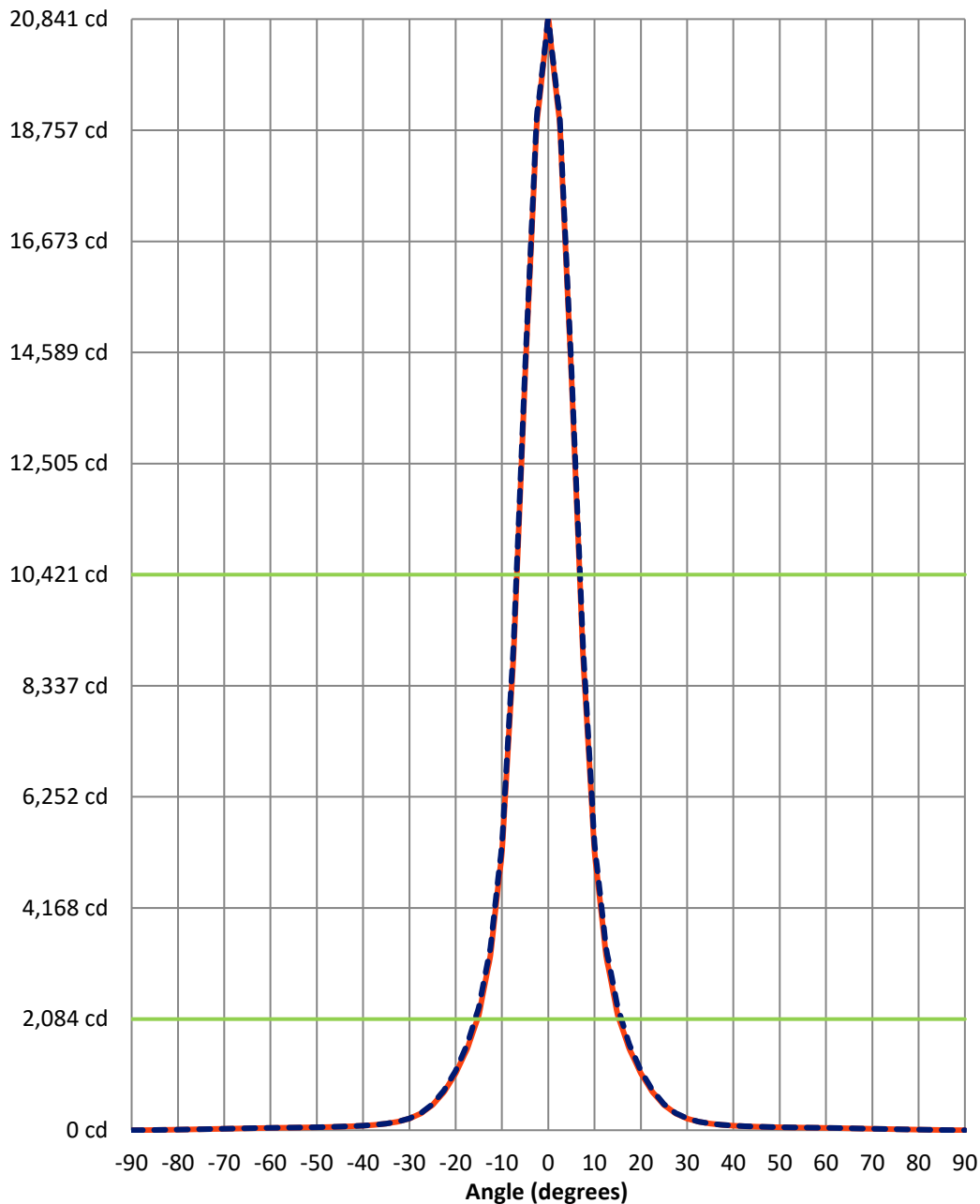
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 654.3
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 1472.4
 Efficiency: 66.5%

Spill:
 Lumens: 740.6
 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	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
85°	0.0	0.1	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
82.5°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.9	2.2	2.5
80°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.3	2.8	3.2	3.6
77.5°	0.0	0.3	0.8	1.2	1.6	2.0	2.6	3.1	3.7	4.2	4.8
75°	0.0	0.4	0.9	1.4	1.9	2.5	3.2	3.9	4.6	5.3	6.1
72.5°	0.0	0.5	1.1	1.6	2.3	3.1	3.9	4.7	5.6	6.5	7.4
70°	0.0	0.5	1.2	1.9	2.7	3.6	4.6	5.6	6.6	7.6	8.8
67.5°	0.0	0.6	1.3	2.1	3.1	4.1	5.3	6.5	7.6	8.9	10.2
65°	0.0	0.6	1.5	2.4	3.4	4.6	6.0	7.4	8.8	10.2	11.7
62.5°	0.0	0.7	1.6	2.7	3.8	5.2	6.7	8.3	9.9	11.5	13.4
60°	0.0	0.8	1.7	2.9	4.2	5.8	7.4	9.3	11.0	12.9	15.0
57.5°	0.0	0.8	1.9	3.2	4.6	6.4	8.2	10.2	12.2	14.3	16.5
55°	0.0	0.9	2.0	3.4	5.0	6.9	9.0	11.1	13.3	15.7	18.1
52.5°	0.0	0.9	2.2	3.7	5.5	7.5	9.7	12.0	14.5	16.9	19.5
50°	0.0	1.0	2.3	3.9	5.9	8.0	10.4	13.0	15.5	18.2	20.9
47.5°	0.0	1.0	2.5	4.1	6.3	8.6	11.1	13.9	16.6	19.4	22.3
45°	0.0	1.0	2.6	4.4	6.7	9.2	11.9	14.7	17.6	20.6	23.6
42.5°	0.0	1.1	2.8	4.7	7.0	9.7	12.6	15.5	18.5	21.7	24.9
40°	0.0	1.1	2.9	4.9	7.4	10.2	13.2	16.3	19.5	22.9	26.2
37.5°	0.0	1.2	3.0	5.2	7.8	10.7	13.9	17.1	20.4	23.9	27.4
35°	0.0	1.2	3.1	5.4	8.1	11.2	14.5	17.8	21.3	24.9	28.6
32.5°	0.0	1.2	3.2	5.6	8.4	11.6	15.0	18.5	22.1	25.8	29.6
30°	0.0	1.2	3.3	5.8	8.8	12.1	15.6	19.1	22.8	26.7	30.5
27.5°	0.0	1.3	3.4	6.0	9.1	12.5	16.1	19.7	23.5	27.4	31.4
25°	0.0	1.3	3.5	6.2	9.3	12.8	16.5	20.2	24.1	28.1	32.1
22.5°	0.0	1.3	3.6	6.4	9.6	13.1	16.9	20.7	24.7	28.8	32.8
20°	0.0	1.3	3.7	6.5	9.8	13.4	17.3	21.1	25.2	29.3	33.4
17.5°	0.0	1.3	3.8	6.7	10.0	13.7	17.6	21.5	25.6	29.7	33.9
15°	0.0	1.3	3.8	6.8	10.2	13.9	17.8	21.8	26.0	30.1	34.3
12.5°	0.0	1.3	3.9	6.9	10.4	14.1	18.0	22.1	26.3	30.4	34.7
10°	0.0	1.3	3.9	7.0	10.5	14.2	18.2	22.3	26.5	30.7	35.0
7.5°	0.0	1.3	4.0	7.0	10.6	14.3	18.3	22.5	26.7	31.0	35.4
5°	0.0	1.3	4.0	7.1	10.6	14.3	18.3	22.7	26.8	31.1	35.8
2.5°	0.0	1.3	4.0	7.1	10.7	14.3	18.3	22.8	26.8	31.3	36.0
0°	0.0	1.3	4.0	7.1	10.7	14.3	18.3	22.8	26.8	31.3	36.2
-2.5°	0.0	1.3	4.0	7.1	10.7	14.3	18.3	22.8	26.8	31.3	36.0
-5°	0.0	1.3	4.0	7.1	10.6	14.3	18.3	22.7	26.8	31.1	35.8
-7.5°	0.0	1.3	4.0	7.0	10.6	14.3	18.3	22.5	26.7	31.0	35.4
-10°	0.0	1.3	3.9	7.0	10.5	14.2	18.2	22.3	26.5	30.7	35.0
-12.5°	0.0	1.3	3.9	6.9	10.4	14.1	18.0	22.1	26.3	30.4	34.7
-15°	0.0	1.3	3.8	6.8	10.2	13.9	17.8	21.8	26.0	30.1	34.3
-17.5°	0.0	1.3	3.8	6.7	10.0	13.7	17.6	21.5	25.6	29.7	33.9
-20°	0.0	1.3	3.7	6.5	9.8	13.4	17.3	21.1	25.2	29.3	33.4

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CATALOG NUMBER: GFLD-SA1A-722-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	1.3	3.6	6.4	9.6	13.1	16.9	20.7	24.7	28.8	32.8
-25°	0.0	1.3	3.5	6.2	9.3	12.8	16.5	20.2	24.1	28.1	32.1
-27.5°	0.0	1.3	3.4	6.0	9.1	12.5	16.1	19.7	23.5	27.4	31.4
-30°	0.0	1.2	3.3	5.8	8.8	12.1	15.6	19.1	22.8	26.7	30.5
-32.5°	0.0	1.2	3.2	5.6	8.4	11.6	15.0	18.5	22.1	25.8	29.6
-35°	0.0	1.2	3.1	5.4	8.1	11.2	14.5	17.8	21.3	24.9	28.6
-37.5°	0.0	1.2	3.0	5.2	7.8	10.7	13.9	17.1	20.4	23.9	27.4
-40°	0.0	1.1	2.9	4.9	7.4	10.2	13.2	16.3	19.5	22.9	26.2
-42.5°	0.0	1.1	2.8	4.7	7.0	9.7	12.6	15.5	18.5	21.7	24.9
-45°	0.0	1.0	2.6	4.4	6.7	9.2	11.9	14.7	17.6	20.6	23.6
-47.5°	0.0	1.0	2.5	4.1	6.3	8.6	11.1	13.9	16.6	19.4	22.3
-50°	0.0	1.0	2.3	3.9	5.9	8.0	10.4	13.0	15.5	18.2	20.9
-52.5°	0.0	0.9	2.2	3.7	5.5	7.5	9.7	12.0	14.5	16.9	19.5
-55°	0.0	0.9	2.0	3.4	5.0	6.9	9.0	11.1	13.3	15.7	18.1
-57.5°	0.0	0.8	1.9	3.2	4.6	6.4	8.2	10.2	12.2	14.3	16.5
-60°	0.0	0.8	1.7	2.9	4.2	5.8	7.4	9.3	11.0	12.9	15.0
-62.5°	0.0	0.7	1.6	2.7	3.8	5.2	6.7	8.3	9.9	11.5	13.4
-65°	0.0	0.6	1.5	2.4	3.4	4.6	6.0	7.4	8.8	10.2	11.7
-67.5°	0.0	0.6	1.3	2.1	3.1	4.1	5.3	6.5	7.6	8.9	10.2
-70°	0.0	0.5	1.2	1.9	2.7	3.6	4.6	5.6	6.6	7.6	8.8
-72.5°	0.0	0.5	1.1	1.6	2.3	3.1	3.9	4.7	5.6	6.5	7.4
-75°	0.0	0.4	0.9	1.4	1.9	2.5	3.2	3.9	4.6	5.3	6.1
-77.5°	0.0	0.3	0.8	1.2	1.6	2.0	2.6	3.1	3.7	4.2	4.8
-80°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.3	2.8	3.2	3.6
-82.5°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.9	2.2	2.5
-85°	0.0	0.1	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
-87.5°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
-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°	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.4
85°	1.7	1.8	2.0	2.2	2.4	2.5	2.6	2.7	2.9	3.1	3.3
82.5°	2.8	3.1	3.4	3.7	3.9	4.1	4.2	4.4	4.8	5.2	5.6
80°	4.1	4.5	4.9	5.4	5.8	6.1	6.5	7.0	7.4	7.8	8.2
77.5°	5.4	6.0	6.6	7.1	7.7	8.3	8.9	9.5	10.0	10.5	11.0
75°	6.8	7.5	8.3	9.1	9.9	10.6	11.3	12.1	12.8	13.5	14.2
72.5°	8.3	9.3	10.2	11.1	12.1	13.0	14.0	14.8	15.7	16.6	17.6
70°	9.9	11.0	12.2	13.3	14.4	15.6	16.7	17.7	18.6	19.9	21.2
67.5°	11.5	13.0	14.3	15.6	17.1	18.4	19.6	20.9	22.2	23.7	24.9
65°	13.4	15.0	16.6	18.2	19.9	21.3	22.8	24.4	25.9	27.3	28.7
62.5°	15.3	17.1	18.9	20.7	22.5	24.2	25.9	27.7	29.3	31.0	32.4
60°	17.1	19.1	21.1	23.0	25.0	27.0	29.0	30.9	32.9	34.7	35.8
57.5°	18.9	21.0	23.1	25.2	27.5	29.9	31.9	34.0	35.8	37.1	38.4
55°	20.5	22.8	25.0	27.4	29.9	32.3	34.6	36.5	38.2	39.4	40.7
52.5°	22.1	24.4	26.8	29.4	32.1	34.7	37.1	38.9	40.4	41.6	42.9
50°	23.6	26.1	28.6	31.5	34.3	37.1	39.5	41.1	42.5	43.7	45.0
47.5°	25.1	27.7	30.4	33.5	36.6	39.3	41.5	43.0	44.4	45.8	47.2
45°	26.5	29.4	32.3	35.5	38.6	41.3	43.2	44.7	46.3	47.9	49.5
42.5°	27.9	31.0	34.2	37.6	40.6	42.9	44.7	46.5	48.3	50.0	51.7
40°	29.4	32.6	36.0	39.3	42.4	44.4	46.2	48.2	50.1	52.0	53.9
37.5°	30.8	34.1	37.6	41.0	43.7	45.8	47.7	49.8	51.9	53.9	56.4
35°	32.1	35.5	38.9	42.2	44.9	47.0	49.2	51.4	53.6	56.2	59.1
32.5°	33.3	36.7	40.2	43.3	45.9	48.2	50.6	52.9	55.5	58.5	62.0
30°	34.3	37.8	41.3	44.3	46.8	49.2	51.9	54.4	57.5	61.1	65.2
27.5°	35.1	38.7	42.2	45.2	47.7	50.1	52.9	56.1	59.7	63.8	68.5
25°	35.9	39.7	43.0	45.9	48.4	51.0	53.9	57.5	61.8	66.6	72.5
22.5°	36.7	40.6	43.8	46.7	49.0	51.7	55.1	59.0	63.7	69.3	76.5
20°	37.4	41.3	44.5	47.3	49.5	52.4	56.1	60.3	65.5	72.3	80.6
17.5°	38.1	41.9	45.0	47.6	50.0	53.1	57.0	61.3	67.2	75.0	84.4
15°	38.7	42.4	45.4	47.9	50.5	53.9	57.9	62.6	69.0	77.6	87.7
12.5°	39.3	42.9	45.7	48.2	50.9	54.5	58.7	63.9	71.0	80.2	92.0
10°	39.7	43.2	45.9	48.3	51.2	54.9	59.4	65.0	72.6	82.2	95.3
7.5°	40.1	43.4	46.1	48.4	51.4	55.3	59.9	65.9	73.7	83.6	97.6
5°	40.4	43.6	46.3	48.7	51.7	55.5	60.3	66.5	74.3	84.4	99.1
2.5°	40.5	43.8	46.4	48.9	52.0	55.7	60.6	67.1	74.8	85.2	100.2
0°	40.6	43.8	46.4	49.1	52.2	55.8	60.7	67.4	75.0	85.7	100.9
-2.5°	40.5	43.8	46.4	48.9	52.0	55.7	60.6	67.1	74.8	85.2	100.2
-5°	40.4	43.6	46.3	48.7	51.7	55.5	60.3	66.5	74.3	84.4	99.1
-7.5°	40.1	43.4	46.1	48.4	51.4	55.3	59.9	65.9	73.7	83.6	97.6
-10°	39.7	43.2	45.9	48.3	51.2	54.9	59.4	65.0	72.6	82.2	95.3
-12.5°	39.3	42.9	45.7	48.2	50.9	54.5	58.7	63.9	71.0	80.2	92.0
-15°	38.7	42.4	45.4	47.9	50.5	53.9	57.9	62.6	69.0	77.6	87.7
-17.5°	38.1	41.9	45.0	47.6	50.0	53.1	57.0	61.3	67.2	75.0	84.4
-20°	37.4	41.3	44.5	47.3	49.5	52.4	56.1	60.3	65.5	72.3	80.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626529 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-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°	36.7	40.6	43.8	46.7	49.0	51.7	55.1	59.0	63.7	69.3	76.5
-25°	35.9	39.7	43.0	45.9	48.4	51.0	53.9	57.5	61.8	66.6	72.5
-27.5°	35.1	38.7	42.2	45.2	47.7	50.1	52.9	56.1	59.7	63.8	68.5
-30°	34.3	37.8	41.3	44.3	46.8	49.2	51.9	54.4	57.5	61.1	65.2
-32.5°	33.3	36.7	40.2	43.3	45.9	48.2	50.6	52.9	55.5	58.5	62.0
-35°	32.1	35.5	38.9	42.2	44.9	47.0	49.2	51.4	53.6	56.2	59.1
-37.5°	30.8	34.1	37.6	41.0	43.7	45.8	47.7	49.8	51.9	53.9	56.4
-40°	29.4	32.6	36.0	39.3	42.4	44.4	46.2	48.2	50.1	52.0	53.9
-42.5°	27.9	31.0	34.2	37.6	40.6	42.9	44.7	46.5	48.3	50.0	51.7
-45°	26.5	29.4	32.3	35.5	38.6	41.3	43.2	44.7	46.3	47.9	49.5
-47.5°	25.1	27.7	30.4	33.5	36.6	39.3	41.5	43.0	44.4	45.8	47.2
-50°	23.6	26.1	28.6	31.5	34.3	37.1	39.5	41.1	42.5	43.7	45.0
-52.5°	22.1	24.4	26.8	29.4	32.1	34.7	37.1	38.9	40.4	41.6	42.9
-55°	20.5	22.8	25.0	27.4	29.9	32.3	34.6	36.5	38.2	39.4	40.7
-57.5°	18.9	21.0	23.1	25.2	27.5	29.9	31.9	34.0	35.8	37.1	38.4
-60°	17.1	19.1	21.1	23.0	25.0	27.0	29.0	30.9	32.9	34.7	35.8
-62.5°	15.3	17.1	18.9	20.7	22.5	24.2	25.9	27.7	29.3	31.0	32.4
-65°	13.4	15.0	16.6	18.2	19.9	21.3	22.8	24.4	25.9	27.3	28.7
-67.5°	11.5	13.0	14.3	15.6	17.1	18.4	19.6	20.9	22.2	23.7	24.9
-70°	9.9	11.0	12.2	13.3	14.4	15.6	16.7	17.7	18.6	19.9	21.2
-72.5°	8.3	9.3	10.2	11.1	12.1	13.0	14.0	14.8	15.7	16.6	17.6
-75°	6.8	7.5	8.3	9.1	9.9	10.6	11.3	12.1	12.8	13.5	14.2
-77.5°	5.4	6.0	6.6	7.1	7.7	8.3	8.9	9.5	10.0	10.5	11.0
-80°	4.1	4.5	4.9	5.4	5.8	6.1	6.5	7.0	7.4	7.8	8.2
-82.5°	2.8	3.1	3.4	3.7	3.9	4.1	4.2	4.4	4.8	5.2	5.6
-85°	1.7	1.8	2.0	2.2	2.4	2.5	2.6	2.7	2.9	3.1	3.3
-87.5°	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.4
-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: P626529 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-722-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°	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.6	1.5
85°	3.5	3.7	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.2	4.2
82.5°	5.9	6.1	6.3	6.5	6.7	6.9	7.0	7.2	7.3	7.3	7.2
80°	8.6	9.0	9.3	9.7	10.1	10.3	10.5	10.6	10.7	10.7	10.7
77.5°	11.5	12.1	12.7	13.3	13.9	14.3	14.5	14.7	14.9	14.9	14.8
75°	14.8	15.5	16.4	17.1	17.8	18.1	18.4	18.6	18.8	18.8	18.9
72.5°	18.6	19.5	20.3	20.9	21.4	21.8	22.2	22.5	22.7	22.8	22.8
70°	22.3	23.2	24.0	24.6	25.1	25.5	25.9	26.3	26.6	26.8	27.0
67.5°	26.1	27.2	27.9	28.4	28.9	29.3	29.9	30.4	30.8	31.1	31.2
65°	30.0	31.1	31.7	32.4	32.9	33.5	34.1	34.6	34.9	35.1	35.2
62.5°	33.7	34.7	35.6	36.4	37.2	37.9	38.3	38.7	39.0	39.3	39.5
60°	36.9	38.2	39.2	40.0	40.8	41.5	42.1	42.5	42.8	43.0	43.2
57.5°	39.7	41.0	42.2	43.0	43.8	44.7	45.3	45.6	46.0	46.2	46.3
55°	42.1	43.4	44.5	45.5	46.4	47.2	47.9	48.3	48.7	49.0	49.1
52.5°	44.3	45.6	46.9	48.0	49.0	49.7	50.4	50.9	51.3	51.6	51.8
50°	46.5	48.0	49.4	50.6	51.5	52.4	53.2	53.9	54.5	55.0	55.4
47.5°	48.8	50.3	51.8	53.2	54.3	55.6	56.7	57.7	58.6	59.3	59.9
45°	51.1	52.8	54.4	56.2	57.7	59.4	60.9	62.2	63.6	64.6	65.3
42.5°	53.5	55.5	57.5	59.7	61.8	64.0	66.3	68.3	69.9	71.4	72.7
40°	56.2	58.5	61.1	63.8	66.9	69.8	72.9	75.6	78.0	80.5	82.5
37.5°	59.1	62.0	65.4	69.0	73.0	76.8	80.9	84.9	88.4	92.5	95.7
35°	62.3	66.1	70.3	75.1	80.1	85.7	91.2	97.7	103.2	109.3	114.6
32.5°	66.0	70.6	76.1	82.4	88.9	97.3	105.2	115.4	124.3	134.0	143.7
30°	69.9	75.9	82.9	91.0	101.2	112.8	125.7	140.9	156.7	171.9	190.2
27.5°	74.6	81.9	90.5	102.1	117.3	132.9	155.1	178.0	206.9	230.7	264.4
25°	79.6	88.2	100.3	116.2	136.0	163.1	196.8	233.4	284.2	328.8	381.1
22.5°	85.0	96.5	111.7	131.3	161.2	202.9	254.0	322.8	397.7	477.3	556.4
20°	90.6	104.5	124.4	152.9	193.9	250.4	338.1	444.3	551.3	682.6	798.8
17.5°	97.2	114.9	139.4	174.9	229.7	316.3	437.9	586.1	752.2	940.9	1108.4
15°	102.6	123.7	154.6	204.4	279.7	390.9	544.2	748.2	997.8	1251.2	1508.3
12.5°	108.9	133.4	169.6	228.9	323.6	471.4	680.1	938.2	1249.9	1601.4	2015.8
10°	114.5	142.8	187.9	261.3	376.9	555.3	808.5	1119.1	1521.3	2027.1	2668.8
7.5°	118.7	150.3	202.0	285.9	423.1	635.9	929.9	1317.2	1828.2	2496.1	3376.8
5°	121.4	155.7	211.9	304.9	459.2	696.0	1018.9	1457.8	2074.3	3018.8	4510.2
2.5°	123.0	159.0	217.6	316.1	481.2	735.7	1086.6	1564.0	2233.7	3341.8	5239.1
0°	123.7	159.9	221.0	321.9	488.5	751.1	1117.7	1612.4	2305.0	3417.3	5367.3
-2.5°	123.0	159.0	217.6	316.1	481.2	735.7	1086.6	1564.0	2233.7	3341.8	5239.1
-5°	121.4	155.7	211.9	304.9	459.2	696.0	1018.9	1457.8	2074.3	3018.8	4510.2
-7.5°	118.7	150.3	202.0	285.9	423.1	635.9	929.9	1317.2	1828.2	2496.1	3376.8
-10°	114.5	142.8	187.9	261.3	376.9	555.3	808.5	1119.1	1521.3	2027.1	2668.8
-12.5°	108.9	133.4	169.6	228.9	323.6	471.4	680.1	938.2	1249.9	1601.4	2015.8
-15°	102.6	123.7	154.6	204.4	279.7	390.9	544.2	748.2	997.8	1251.2	1508.3
-17.5°	97.2	114.9	139.4	174.9	229.7	316.3	437.9	586.1	752.2	940.9	1108.4
-20°	90.6	104.5	124.4	152.9	193.9	250.4	338.1	444.3	551.3	682.6	798.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626529 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	85.0	96.5	111.7	131.3	161.2	202.9	254.0	322.8	397.7	477.3	556.4
-25°	79.6	88.2	100.3	116.2	136.0	163.1	196.8	233.4	284.2	328.8	381.1
-27.5°	74.6	81.9	90.5	102.1	117.3	132.9	155.1	178.0	206.9	230.7	264.4
-30°	69.9	75.9	82.9	91.0	101.2	112.8	125.7	140.9	156.7	171.9	190.2
-32.5°	66.0	70.6	76.1	82.4	88.9	97.3	105.2	115.4	124.3	134.0	143.7
-35°	62.3	66.1	70.3	75.1	80.1	85.7	91.2	97.7	103.2	109.3	114.6
-37.5°	59.1	62.0	65.4	69.0	73.0	76.8	80.9	84.9	88.4	92.5	95.7
-40°	56.2	58.5	61.1	63.8	66.9	69.8	72.9	75.6	78.0	80.5	82.5
-42.5°	53.5	55.5	57.5	59.7	61.8	64.0	66.3	68.3	69.9	71.4	72.7
-45°	51.1	52.8	54.4	56.2	57.7	59.4	60.9	62.2	63.6	64.6	65.3
-47.5°	48.8	50.3	51.8	53.2	54.3	55.6	56.7	57.7	58.6	59.3	59.9
-50°	46.5	48.0	49.4	50.6	51.5	52.4	53.2	53.9	54.5	55.0	55.4
-52.5°	44.3	45.6	46.9	48.0	49.0	49.7	50.4	50.9	51.3	51.6	51.8
-55°	42.1	43.4	44.5	45.5	46.4	47.2	47.9	48.3	48.7	49.0	49.1
-57.5°	39.7	41.0	42.2	43.0	43.8	44.7	45.3	45.6	46.0	46.2	46.3
-60°	36.9	38.2	39.2	40.0	40.8	41.5	42.1	42.5	42.8	43.0	43.2
-62.5°	33.7	34.7	35.6	36.4	37.2	37.9	38.3	38.7	39.0	39.3	39.5
-65°	30.0	31.1	31.7	32.4	32.9	33.5	34.1	34.6	34.9	35.1	35.2
-67.5°	26.1	27.2	27.9	28.4	28.9	29.3	29.9	30.4	30.8	31.1	31.2
-70°	22.3	23.2	24.0	24.6	25.1	25.5	25.9	26.3	26.6	26.8	27.0
-72.5°	18.6	19.5	20.3	20.9	21.4	21.8	22.2	22.5	22.7	22.8	22.8
-75°	14.8	15.5	16.4	17.1	17.8	18.1	18.4	18.6	18.8	18.8	18.9
-77.5°	11.5	12.1	12.7	13.3	13.9	14.3	14.5	14.7	14.9	14.9	14.8
-80°	8.6	9.0	9.3	9.7	10.1	10.3	10.5	10.6	10.7	10.7	10.7
-82.5°	5.9	6.1	6.3	6.5	6.7	6.9	7.0	7.2	7.3	7.3	7.2
-85°	3.5	3.7	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.2	4.2
-87.5°	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.6	1.5
-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: P626529 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-722-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°	1.4	1.3	1.3	1.3	1.3	1.3	1.4	1.5	1.6	1.7	1.7
85°	4.1	4.0	4.0	4.0	4.0	4.0	4.1	4.2	4.2	4.3	4.2
82.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.2	7.3	7.3	7.2
80°	10.7	10.6	10.5	10.3	10.5	10.6	10.7	10.7	10.7	10.7	10.6
77.5°	14.8	14.6	14.5	14.3	14.5	14.6	14.8	14.8	14.9	14.9	14.7
75°	18.8	18.7	18.8	18.8	18.8	18.7	18.8	18.9	18.8	18.8	18.6
72.5°	22.8	22.7	22.8	22.8	22.8	22.7	22.8	22.8	22.8	22.7	22.5
70°	27.0	27.1	27.0	26.8	27.0	27.1	27.0	27.0	26.8	26.6	26.3
67.5°	31.2	31.2	31.0	30.8	31.0	31.2	31.2	31.2	31.1	30.8	30.4
65°	35.2	35.2	35.3	35.3	35.3	35.2	35.2	35.2	35.1	34.9	34.6
62.5°	39.6	39.6	39.5	39.3	39.5	39.6	39.6	39.5	39.3	39.0	38.7
60°	43.2	43.2	43.1	42.9	43.1	43.2	43.2	43.2	43.0	42.8	42.5
57.5°	46.4	46.3	46.2	46.0	46.2	46.3	46.4	46.3	46.2	46.0	45.6
55°	49.1	49.0	48.9	48.7	48.9	49.0	49.1	49.1	49.0	48.7	48.3
52.5°	51.8	51.7	51.8	51.8	51.8	51.7	51.8	51.8	51.6	51.3	50.9
50°	55.6	55.6	55.6	55.4	55.6	55.6	55.6	55.4	55.0	54.5	53.9
47.5°	60.1	60.2	60.0	59.8	60.0	60.2	60.1	59.9	59.3	58.6	57.7
45°	65.8	66.2	66.2	66.1	66.2	66.2	65.8	65.3	64.6	63.6	62.2
42.5°	73.6	74.1	74.3	74.1	74.3	74.1	73.6	72.7	71.4	69.9	68.3
40°	83.8	84.3	84.4	84.4	84.4	84.3	83.8	82.5	80.5	78.0	75.6
37.5°	97.9	99.3	100.0	100.0	100.0	99.3	97.9	95.7	92.5	88.4	84.9
35°	118.7	121.5	123.0	123.7	123.0	121.5	118.7	114.6	109.3	103.2	97.7
32.5°	151.1	156.7	159.8	159.4	159.8	156.7	151.1	143.7	134.0	124.3	115.4
30°	204.0	213.8	218.7	217.5	218.7	213.8	204.0	190.2	171.9	156.7	140.9
27.5°	288.6	306.3	316.6	315.3	316.6	306.3	288.6	264.4	230.7	206.9	178.0
25°	424.9	457.3	478.0	472.9	478.0	457.3	424.9	381.1	328.8	284.2	233.4
22.5°	632.2	687.1	723.4	718.9	723.4	687.1	632.2	556.4	477.3	397.7	322.8
20°	916.6	1000.1	1059.8	1067.7	1059.8	1000.1	916.6	798.8	682.6	551.3	444.3
17.5°	1289.4	1421.8	1514.0	1529.4	1514.0	1421.8	1289.4	1108.4	940.9	752.2	586.1
15°	1773.9	1990.3	2147.0	2159.9	2147.0	1990.3	1773.9	1508.3	1251.2	997.8	748.2
12.5°	2431.7	2867.0	3151.1	3276.2	3151.1	2867.0	2431.7	2015.8	1601.4	1249.9	938.2
10°	3342.2	4342.1	4982.4	5223.1	4982.4	4342.1	3342.2	2668.8	2027.1	1521.3	1119.1
7.5°	4862.9	6432.7	8177.9	8921.7	8177.9	6432.7	4862.9	3376.8	2496.1	1828.2	1317.2
5°	6585.0	9843.0	12941.8	14151.9	12941.8	9843.0	6585.0	4510.2	3018.8	2074.3	1457.8
2.5°	8397.1	12938.2	17193.5	18857.7	17193.5	12938.2	8397.1	5239.1	3341.8	2233.7	1564.0
0°	9104.8	14293.5	18975.4	20841.4	18975.4	14293.5	9104.8	5367.3	3417.3	2305.0	1612.4
-2.5°	8397.1	12938.2	17193.5	18857.7	17193.5	12938.2	8397.1	5239.1	3341.8	2233.7	1564.0
-5°	6585.0	9843.0	12941.8	14151.9	12941.8	9843.0	6585.0	4510.2	3018.8	2074.3	1457.8
-7.5°	4862.9	6432.7	8177.9	8921.7	8177.9	6432.7	4862.9	3376.8	2496.1	1828.2	1317.2
-10°	3342.2	4342.1	4982.4	5223.1	4982.4	4342.1	3342.2	2668.8	2027.1	1521.3	1119.1
-12.5°	2431.7	2867.0	3151.1	3276.2	3151.1	2867.0	2431.7	2015.8	1601.4	1249.9	938.2
-15°	1773.9	1990.3	2147.0	2159.9	2147.0	1990.3	1773.9	1508.3	1251.2	997.8	748.2
-17.5°	1289.4	1421.8	1514.0	1529.4	1514.0	1421.8	1289.4	1108.4	940.9	752.2	586.1
-20°	916.6	1000.1	1059.8	1067.7	1059.8	1000.1	916.6	798.8	682.6	551.3	444.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626529 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-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°	632.2	687.1	723.4	718.9	723.4	687.1	632.2	556.4	477.3	397.7	322.8
-25°	424.9	457.3	478.0	472.9	478.0	457.3	424.9	381.1	328.8	284.2	233.4
-27.5°	288.6	306.3	316.6	315.3	316.6	306.3	288.6	264.4	230.7	206.9	178.0
-30°	204.0	213.8	218.7	217.5	218.7	213.8	204.0	190.2	171.9	156.7	140.9
-32.5°	151.1	156.7	159.8	159.4	159.8	156.7	151.1	143.7	134.0	124.3	115.4
-35°	118.7	121.5	123.0	123.7	123.0	121.5	118.7	114.6	109.3	103.2	97.7
-37.5°	97.9	99.3	100.0	100.0	100.0	99.3	97.9	95.7	92.5	88.4	84.9
-40°	83.8	84.3	84.4	84.4	84.4	84.3	83.8	82.5	80.5	78.0	75.6
-42.5°	73.6	74.1	74.3	74.1	74.3	74.1	73.6	72.7	71.4	69.9	68.3
-45°	65.8	66.2	66.2	66.1	66.2	66.2	65.8	65.3	64.6	63.6	62.2
-47.5°	60.1	60.2	60.0	59.8	60.0	60.2	60.1	59.9	59.3	58.6	57.7
-50°	55.6	55.6	55.6	55.4	55.6	55.6	55.6	55.4	55.0	54.5	53.9
-52.5°	51.8	51.7	51.8	51.8	51.8	51.7	51.8	51.8	51.6	51.3	50.9
-55°	49.1	49.0	48.9	48.7	48.9	49.0	49.1	49.1	49.0	48.7	48.3
-57.5°	46.4	46.3	46.2	46.0	46.2	46.3	46.4	46.3	46.2	46.0	45.6
-60°	43.2	43.2	43.1	42.9	43.1	43.2	43.2	43.2	43.0	42.8	42.5
-62.5°	39.6	39.6	39.5	39.3	39.5	39.6	39.6	39.5	39.3	39.0	38.7
-65°	35.2	35.2	35.3	35.3	35.3	35.2	35.2	35.2	35.1	34.9	34.6
-67.5°	31.2	31.2	31.0	30.8	31.0	31.2	31.2	31.2	31.1	30.8	30.4
-70°	27.0	27.1	27.0	26.8	27.0	27.1	27.0	27.0	26.8	26.6	26.3
-72.5°	22.8	22.7	22.8	22.8	22.8	22.7	22.8	22.8	22.8	22.7	22.5
-75°	18.8	18.7	18.8	18.8	18.8	18.7	18.8	18.9	18.8	18.8	18.6
-77.5°	14.8	14.6	14.5	14.3	14.5	14.6	14.8	14.8	14.9	14.9	14.7
-80°	10.7	10.6	10.5	10.3	10.5	10.6	10.7	10.7	10.7	10.7	10.6
-82.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.2	7.3	7.3	7.2
-85°	4.1	4.0	4.0	4.0	4.0	4.0	4.1	4.2	4.2	4.3	4.2
-87.5°	1.4	1.3	1.3	1.3	1.3	1.3	1.4	1.5	1.6	1.7	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



REPORT NUMBER: P626529 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-722-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°	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3
85°	4.2	4.1	4.0	3.9	3.8	3.7	3.5	3.3	3.1	2.9	2.7
82.5°	7.0	6.9	6.7	6.5	6.3	6.1	5.9	5.6	5.2	4.8	4.4
80°	10.5	10.3	10.1	9.7	9.3	9.0	8.6	8.2	7.8	7.4	7.0
77.5°	14.5	14.3	13.9	13.3	12.7	12.1	11.5	11.0	10.5	10.0	9.5
75°	18.4	18.1	17.8	17.1	16.4	15.5	14.8	14.2	13.5	12.8	12.1
72.5°	22.2	21.8	21.4	20.9	20.3	19.5	18.6	17.6	16.6	15.7	14.8
70°	25.9	25.5	25.1	24.6	24.0	23.2	22.3	21.2	19.9	18.6	17.7
67.5°	29.9	29.3	28.9	28.4	27.9	27.2	26.1	24.9	23.7	22.2	20.9
65°	34.1	33.5	32.9	32.4	31.7	31.1	30.0	28.7	27.3	25.9	24.4
62.5°	38.3	37.9	37.2	36.4	35.6	34.7	33.7	32.4	31.0	29.3	27.7
60°	42.1	41.5	40.8	40.0	39.2	38.2	36.9	35.8	34.7	32.9	30.9
57.5°	45.3	44.7	43.8	43.0	42.2	41.0	39.7	38.4	37.1	35.8	34.0
55°	47.9	47.2	46.4	45.5	44.5	43.4	42.1	40.7	39.4	38.2	36.5
52.5°	50.4	49.7	49.0	48.0	46.9	45.6	44.3	42.9	41.6	40.4	38.9
50°	53.2	52.4	51.5	50.6	49.4	48.0	46.5	45.0	43.7	42.5	41.1
47.5°	56.7	55.6	54.3	53.2	51.8	50.3	48.8	47.2	45.8	44.4	43.0
45°	60.9	59.4	57.7	56.2	54.4	52.8	51.1	49.5	47.9	46.3	44.7
42.5°	66.3	64.0	61.8	59.7	57.5	55.5	53.5	51.7	50.0	48.3	46.5
40°	72.9	69.8	66.9	63.8	61.1	58.5	56.2	53.9	52.0	50.1	48.2
37.5°	80.9	76.8	73.0	69.0	65.4	62.0	59.1	56.4	53.9	51.9	49.8
35°	91.2	85.7	80.1	75.1	70.3	66.1	62.3	59.1	56.2	53.6	51.4
32.5°	105.2	97.3	88.9	82.4	76.1	70.6	66.0	62.0	58.5	55.5	52.9
30°	125.7	112.8	101.2	91.0	82.9	75.9	69.9	65.2	61.1	57.5	54.4
27.5°	155.1	132.9	117.3	102.1	90.5	81.9	74.6	68.5	63.8	59.7	56.1
25°	196.8	163.1	136.0	116.2	100.3	88.2	79.6	72.5	66.6	61.8	57.5
22.5°	254.0	202.9	161.2	131.3	111.7	96.5	85.0	76.5	69.3	63.7	59.0
20°	338.1	250.4	193.9	152.9	124.4	104.5	90.6	80.6	72.3	65.5	60.3
17.5°	437.9	316.3	229.7	174.9	139.4	114.9	97.2	84.4	75.0	67.2	61.3
15°	544.2	390.9	279.7	204.4	154.6	123.7	102.6	87.7	77.6	69.0	62.6
12.5°	680.1	471.4	323.6	228.9	169.6	133.4	108.9	92.0	80.2	71.0	63.9
10°	808.5	555.3	376.9	261.3	187.9	142.8	114.5	95.3	82.2	72.6	65.0
7.5°	929.9	635.9	423.1	285.9	202.0	150.3	118.7	97.6	83.6	73.7	65.9
5°	1018.9	696.0	459.2	304.9	211.9	155.7	121.4	99.1	84.4	74.3	66.5
2.5°	1086.6	735.7	481.2	316.1	217.6	159.0	123.0	100.2	85.2	74.8	67.1
0°	1117.7	751.1	488.5	321.9	221.0	159.9	123.7	100.9	85.7	75.0	67.4
-2.5°	1086.6	735.7	481.2	316.1	217.6	159.0	123.0	100.2	85.2	74.8	67.1
-5°	1018.9	696.0	459.2	304.9	211.9	155.7	121.4	99.1	84.4	74.3	66.5
-7.5°	929.9	635.9	423.1	285.9	202.0	150.3	118.7	97.6	83.6	73.7	65.9
-10°	808.5	555.3	376.9	261.3	187.9	142.8	114.5	95.3	82.2	72.6	65.0
-12.5°	680.1	471.4	323.6	228.9	169.6	133.4	108.9	92.0	80.2	71.0	63.9
-15°	544.2	390.9	279.7	204.4	154.6	123.7	102.6	87.7	77.6	69.0	62.6
-17.5°	437.9	316.3	229.7	174.9	139.4	114.9	97.2	84.4	75.0	67.2	61.3
-20°	338.1	250.4	193.9	152.9	124.4	104.5	90.6	80.6	72.3	65.5	60.3

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Scaled Data Report



REPORT NUMBER: P626529 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	254.0	202.9	161.2	131.3	111.7	96.5	85.0	76.5	69.3	63.7	59.0
-25°	196.8	163.1	136.0	116.2	100.3	88.2	79.6	72.5	66.6	61.8	57.5
-27.5°	155.1	132.9	117.3	102.1	90.5	81.9	74.6	68.5	63.8	59.7	56.1
-30°	125.7	112.8	101.2	91.0	82.9	75.9	69.9	65.2	61.1	57.5	54.4
-32.5°	105.2	97.3	88.9	82.4	76.1	70.6	66.0	62.0	58.5	55.5	52.9
-35°	91.2	85.7	80.1	75.1	70.3	66.1	62.3	59.1	56.2	53.6	51.4
-37.5°	80.9	76.8	73.0	69.0	65.4	62.0	59.1	56.4	53.9	51.9	49.8
-40°	72.9	69.8	66.9	63.8	61.1	58.5	56.2	53.9	52.0	50.1	48.2
-42.5°	66.3	64.0	61.8	59.7	57.5	55.5	53.5	51.7	50.0	48.3	46.5
-45°	60.9	59.4	57.7	56.2	54.4	52.8	51.1	49.5	47.9	46.3	44.7
-47.5°	56.7	55.6	54.3	53.2	51.8	50.3	48.8	47.2	45.8	44.4	43.0
-50°	53.2	52.4	51.5	50.6	49.4	48.0	46.5	45.0	43.7	42.5	41.1
-52.5°	50.4	49.7	49.0	48.0	46.9	45.6	44.3	42.9	41.6	40.4	38.9
-55°	47.9	47.2	46.4	45.5	44.5	43.4	42.1	40.7	39.4	38.2	36.5
-57.5°	45.3	44.7	43.8	43.0	42.2	41.0	39.7	38.4	37.1	35.8	34.0
-60°	42.1	41.5	40.8	40.0	39.2	38.2	36.9	35.8	34.7	32.9	30.9
-62.5°	38.3	37.9	37.2	36.4	35.6	34.7	33.7	32.4	31.0	29.3	27.7
-65°	34.1	33.5	32.9	32.4	31.7	31.1	30.0	28.7	27.3	25.9	24.4
-67.5°	29.9	29.3	28.9	28.4	27.9	27.2	26.1	24.9	23.7	22.2	20.9
-70°	25.9	25.5	25.1	24.6	24.0	23.2	22.3	21.2	19.9	18.6	17.7
-72.5°	22.2	21.8	21.4	20.9	20.3	19.5	18.6	17.6	16.6	15.7	14.8
-75°	18.4	18.1	17.8	17.1	16.4	15.5	14.8	14.2	13.5	12.8	12.1
-77.5°	14.5	14.3	13.9	13.3	12.7	12.1	11.5	11.0	10.5	10.0	9.5
-80°	10.5	10.3	10.1	9.7	9.3	9.0	8.6	8.2	7.8	7.4	7.0
-82.5°	7.0	6.9	6.7	6.5	6.3	6.1	5.9	5.6	5.2	4.8	4.4
-85°	4.2	4.1	4.0	3.9	3.8	3.7	3.5	3.3	3.1	2.9	2.7
-87.5°	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3
-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: P626529 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-722-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°	1.2	1.2	1.1	1.0	1.0	0.9	0.8	0.8	0.7	0.6	0.5
85°	2.6	2.5	2.4	2.2	2.0	1.8	1.7	1.5	1.4	1.2	1.1
82.5°	4.2	4.1	3.9	3.7	3.4	3.1	2.8	2.5	2.2	1.9	1.6
80°	6.5	6.1	5.8	5.4	4.9	4.5	4.1	3.6	3.2	2.8	2.3
77.5°	8.9	8.3	7.7	7.1	6.6	6.0	5.4	4.8	4.2	3.7	3.1
75°	11.3	10.6	9.9	9.1	8.3	7.5	6.8	6.1	5.3	4.6	3.9
72.5°	14.0	13.0	12.1	11.1	10.2	9.3	8.3	7.4	6.5	5.6	4.7
70°	16.7	15.6	14.4	13.3	12.2	11.0	9.9	8.8	7.6	6.6	5.6
67.5°	19.6	18.4	17.1	15.6	14.3	13.0	11.5	10.2	8.9	7.6	6.5
65°	22.8	21.3	19.9	18.2	16.6	15.0	13.4	11.7	10.2	8.8	7.4
62.5°	25.9	24.2	22.5	20.7	18.9	17.1	15.3	13.4	11.5	9.9	8.3
60°	29.0	27.0	25.0	23.0	21.1	19.1	17.1	15.0	12.9	11.0	9.3
57.5°	31.9	29.9	27.5	25.2	23.1	21.0	18.9	16.5	14.3	12.2	10.2
55°	34.6	32.3	29.9	27.4	25.0	22.8	20.5	18.1	15.7	13.3	11.1
52.5°	37.1	34.7	32.1	29.4	26.8	24.4	22.1	19.5	16.9	14.5	12.0
50°	39.5	37.1	34.3	31.5	28.6	26.1	23.6	20.9	18.2	15.5	13.0
47.5°	41.5	39.3	36.6	33.5	30.4	27.7	25.1	22.3	19.4	16.6	13.9
45°	43.2	41.3	38.6	35.5	32.3	29.4	26.5	23.6	20.6	17.6	14.7
42.5°	44.7	42.9	40.6	37.6	34.2	31.0	27.9	24.9	21.7	18.5	15.5
40°	46.2	44.4	42.4	39.3	36.0	32.6	29.4	26.2	22.9	19.5	16.3
37.5°	47.7	45.8	43.7	41.0	37.6	34.1	30.8	27.4	23.9	20.4	17.1
35°	49.2	47.0	44.9	42.2	38.9	35.5	32.1	28.6	24.9	21.3	17.8
32.5°	50.6	48.2	45.9	43.3	40.2	36.7	33.3	29.6	25.8	22.1	18.5
30°	51.9	49.2	46.8	44.3	41.3	37.8	34.3	30.5	26.7	22.8	19.1
27.5°	52.9	50.1	47.7	45.2	42.2	38.7	35.1	31.4	27.4	23.5	19.7
25°	53.9	51.0	48.4	45.9	43.0	39.7	35.9	32.1	28.1	24.1	20.2
22.5°	55.1	51.7	49.0	46.7	43.8	40.6	36.7	32.8	28.8	24.7	20.7
20°	56.1	52.4	49.5	47.3	44.5	41.3	37.4	33.4	29.3	25.2	21.1
17.5°	57.0	53.1	50.0	47.6	45.0	41.9	38.1	33.9	29.7	25.6	21.5
15°	57.9	53.9	50.5	47.9	45.4	42.4	38.7	34.3	30.1	26.0	21.8
12.5°	58.7	54.5	50.9	48.2	45.7	42.9	39.3	34.7	30.4	26.3	22.1
10°	59.4	54.9	51.2	48.3	45.9	43.2	39.7	35.0	30.7	26.5	22.3
7.5°	59.9	55.3	51.4	48.4	46.1	43.4	40.1	35.4	31.0	26.7	22.5
5°	60.3	55.5	51.7	48.7	46.3	43.6	40.4	35.8	31.1	26.8	22.7
2.5°	60.6	55.7	52.0	48.9	46.4	43.8	40.5	36.0	31.3	26.8	22.8
0°	60.7	55.8	52.2	49.1	46.4	43.8	40.6	36.2	31.3	26.8	22.8
-2.5°	60.6	55.7	52.0	48.9	46.4	43.8	40.5	36.0	31.3	26.8	22.8
-5°	60.3	55.5	51.7	48.7	46.3	43.6	40.4	35.8	31.1	26.8	22.7
-7.5°	59.9	55.3	51.4	48.4	46.1	43.4	40.1	35.4	31.0	26.7	22.5
-10°	59.4	54.9	51.2	48.3	45.9	43.2	39.7	35.0	30.7	26.5	22.3
-12.5°	58.7	54.5	50.9	48.2	45.7	42.9	39.3	34.7	30.4	26.3	22.1
-15°	57.9	53.9	50.5	47.9	45.4	42.4	38.7	34.3	30.1	26.0	21.8
-17.5°	57.0	53.1	50.0	47.6	45.0	41.9	38.1	33.9	29.7	25.6	21.5
-20°	56.1	52.4	49.5	47.3	44.5	41.3	37.4	33.4	29.3	25.2	21.1

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626529 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	55.1	51.7	49.0	46.7	43.8	40.6	36.7	32.8	28.8	24.7	20.7
-25°	53.9	51.0	48.4	45.9	43.0	39.7	35.9	32.1	28.1	24.1	20.2
-27.5°	52.9	50.1	47.7	45.2	42.2	38.7	35.1	31.4	27.4	23.5	19.7
-30°	51.9	49.2	46.8	44.3	41.3	37.8	34.3	30.5	26.7	22.8	19.1
-32.5°	50.6	48.2	45.9	43.3	40.2	36.7	33.3	29.6	25.8	22.1	18.5
-35°	49.2	47.0	44.9	42.2	38.9	35.5	32.1	28.6	24.9	21.3	17.8
-37.5°	47.7	45.8	43.7	41.0	37.6	34.1	30.8	27.4	23.9	20.4	17.1
-40°	46.2	44.4	42.4	39.3	36.0	32.6	29.4	26.2	22.9	19.5	16.3
-42.5°	44.7	42.9	40.6	37.6	34.2	31.0	27.9	24.9	21.7	18.5	15.5
-45°	43.2	41.3	38.6	35.5	32.3	29.4	26.5	23.6	20.6	17.6	14.7
-47.5°	41.5	39.3	36.6	33.5	30.4	27.7	25.1	22.3	19.4	16.6	13.9
-50°	39.5	37.1	34.3	31.5	28.6	26.1	23.6	20.9	18.2	15.5	13.0
-52.5°	37.1	34.7	32.1	29.4	26.8	24.4	22.1	19.5	16.9	14.5	12.0
-55°	34.6	32.3	29.9	27.4	25.0	22.8	20.5	18.1	15.7	13.3	11.1
-57.5°	31.9	29.9	27.5	25.2	23.1	21.0	18.9	16.5	14.3	12.2	10.2
-60°	29.0	27.0	25.0	23.0	21.1	19.1	17.1	15.0	12.9	11.0	9.3
-62.5°	25.9	24.2	22.5	20.7	18.9	17.1	15.3	13.4	11.5	9.9	8.3
-65°	22.8	21.3	19.9	18.2	16.6	15.0	13.4	11.7	10.2	8.8	7.4
-67.5°	19.6	18.4	17.1	15.6	14.3	13.0	11.5	10.2	8.9	7.6	6.5
-70°	16.7	15.6	14.4	13.3	12.2	11.0	9.9	8.8	7.6	6.6	5.6
-72.5°	14.0	13.0	12.1	11.1	10.2	9.3	8.3	7.4	6.5	5.6	4.7
-75°	11.3	10.6	9.9	9.1	8.3	7.5	6.8	6.1	5.3	4.6	3.9
-77.5°	8.9	8.3	7.7	7.1	6.6	6.0	5.4	4.8	4.2	3.7	3.1
-80°	6.5	6.1	5.8	5.4	4.9	4.5	4.1	3.6	3.2	2.8	2.3
-82.5°	4.2	4.1	3.9	3.7	3.4	3.1	2.8	2.5	2.2	1.9	1.6
-85°	2.6	2.5	2.4	2.2	2.0	1.8	1.7	1.5	1.4	1.2	1.1
-87.5°	1.2	1.2	1.1	1.0	1.0	0.9	0.8	0.8	0.7	0.6	0.5
-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°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
85°	0.9	0.8	0.6	0.5	0.3	0.1	0.0
82.5°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
80°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
77.5°	2.6	2.0	1.6	1.2	0.8	0.3	0.0
75°	3.2	2.5	1.9	1.4	0.9	0.4	0.0
72.5°	3.9	3.1	2.3	1.6	1.1	0.5	0.0
70°	4.6	3.6	2.7	1.9	1.2	0.5	0.0
67.5°	5.3	4.1	3.1	2.1	1.3	0.6	0.0
65°	6.0	4.6	3.4	2.4	1.5	0.6	0.0
62.5°	6.7	5.2	3.8	2.7	1.6	0.7	0.0
60°	7.4	5.8	4.2	2.9	1.7	0.8	0.0
57.5°	8.2	6.4	4.6	3.2	1.9	0.8	0.0
55°	9.0	6.9	5.0	3.4	2.0	0.9	0.0
52.5°	9.7	7.5	5.5	3.7	2.2	0.9	0.0
50°	10.4	8.0	5.9	3.9	2.3	1.0	0.0
47.5°	11.1	8.6	6.3	4.1	2.5	1.0	0.0
45°	11.9	9.2	6.7	4.4	2.6	1.0	0.0
42.5°	12.6	9.7	7.0	4.7	2.8	1.1	0.0
40°	13.2	10.2	7.4	4.9	2.9	1.1	0.0
37.5°	13.9	10.7	7.8	5.2	3.0	1.2	0.0
35°	14.5	11.2	8.1	5.4	3.1	1.2	0.0
32.5°	15.0	11.6	8.4	5.6	3.2	1.2	0.0
30°	15.6	12.1	8.8	5.8	3.3	1.2	0.0
27.5°	16.1	12.5	9.1	6.0	3.4	1.3	0.0
25°	16.5	12.8	9.3	6.2	3.5	1.3	0.0
22.5°	16.9	13.1	9.6	6.4	3.6	1.3	0.0
20°	17.3	13.4	9.8	6.5	3.7	1.3	0.0
17.5°	17.6	13.7	10.0	6.7	3.8	1.3	0.0
15°	17.8	13.9	10.2	6.8	3.8	1.3	0.0
12.5°	18.0	14.1	10.4	6.9	3.9	1.3	0.0
10°	18.2	14.2	10.5	7.0	3.9	1.3	0.0
7.5°	18.3	14.3	10.6	7.0	4.0	1.3	0.0
5°	18.3	14.3	10.6	7.1	4.0	1.3	0.0
2.5°	18.3	14.3	10.7	7.1	4.0	1.3	0.0
0°	18.3	14.3	10.7	7.1	4.0	1.3	0.0
-2.5°	18.3	14.3	10.7	7.1	4.0	1.3	0.0
-5°	18.3	14.3	10.6	7.1	4.0	1.3	0.0
-7.5°	18.3	14.3	10.6	7.0	4.0	1.3	0.0
-10°	18.2	14.2	10.5	7.0	3.9	1.3	0.0
-12.5°	18.0	14.1	10.4	6.9	3.9	1.3	0.0
-15°	17.8	13.9	10.2	6.8	3.8	1.3	0.0
-17.5°	17.6	13.7	10.0	6.7	3.8	1.3	0.0
-20°	17.3	13.4	9.8	6.5	3.7	1.3	0.0

Classified

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

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	16.9	13.1	9.6	6.4	3.6	1.3	0.0
-25°	16.5	12.8	9.3	6.2	3.5	1.3	0.0
-27.5°	16.1	12.5	9.1	6.0	3.4	1.3	0.0
-30°	15.6	12.1	8.8	5.8	3.3	1.2	0.0
-32.5°	15.0	11.6	8.4	5.6	3.2	1.2	0.0
-35°	14.5	11.2	8.1	5.4	3.1	1.2	0.0
-37.5°	13.9	10.7	7.8	5.2	3.0	1.2	0.0
-40°	13.2	10.2	7.4	4.9	2.9	1.1	0.0
-42.5°	12.6	9.7	7.0	4.7	2.8	1.1	0.0
-45°	11.9	9.2	6.7	4.4	2.6	1.0	0.0
-47.5°	11.1	8.6	6.3	4.1	2.5	1.0	0.0
-50°	10.4	8.0	5.9	3.9	2.3	1.0	0.0
-52.5°	9.7	7.5	5.5	3.7	2.2	0.9	0.0
-55°	9.0	6.9	5.0	3.4	2.0	0.9	0.0
-57.5°	8.2	6.4	4.6	3.2	1.9	0.8	0.0
-60°	7.4	5.8	4.2	2.9	1.7	0.8	0.0
-62.5°	6.7	5.2	3.8	2.7	1.6	0.7	0.0
-65°	6.0	4.6	3.4	2.4	1.5	0.6	0.0
-67.5°	5.3	4.1	3.1	2.1	1.3	0.6	0.0
-70°	4.6	3.6	2.7	1.9	1.2	0.5	0.0
-72.5°	3.9	3.1	2.3	1.6	1.1	0.5	0.0
-75°	3.2	2.5	1.9	1.4	0.9	0.4	0.0
-77.5°	2.6	2.0	1.6	1.2	0.8	0.3	0.0
-80°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
-82.5°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
-85°	0.9	0.8	0.6	0.5	0.3	0.1	0.0
-87.5°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)