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: P1049437

Luminaire Tested: **GALN-SA4A-950-U-RBC**

Issue Date: 07/10/2025

Report Generated By 670245763

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1049437
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA4A-950-U-RBC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 4xLight Square PACKAGE 90CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source:	(56) 5000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10511.1 lumens
Efficiency:	N/A
Efficacy:	97.9 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G2

Input Watts (W):	107.4
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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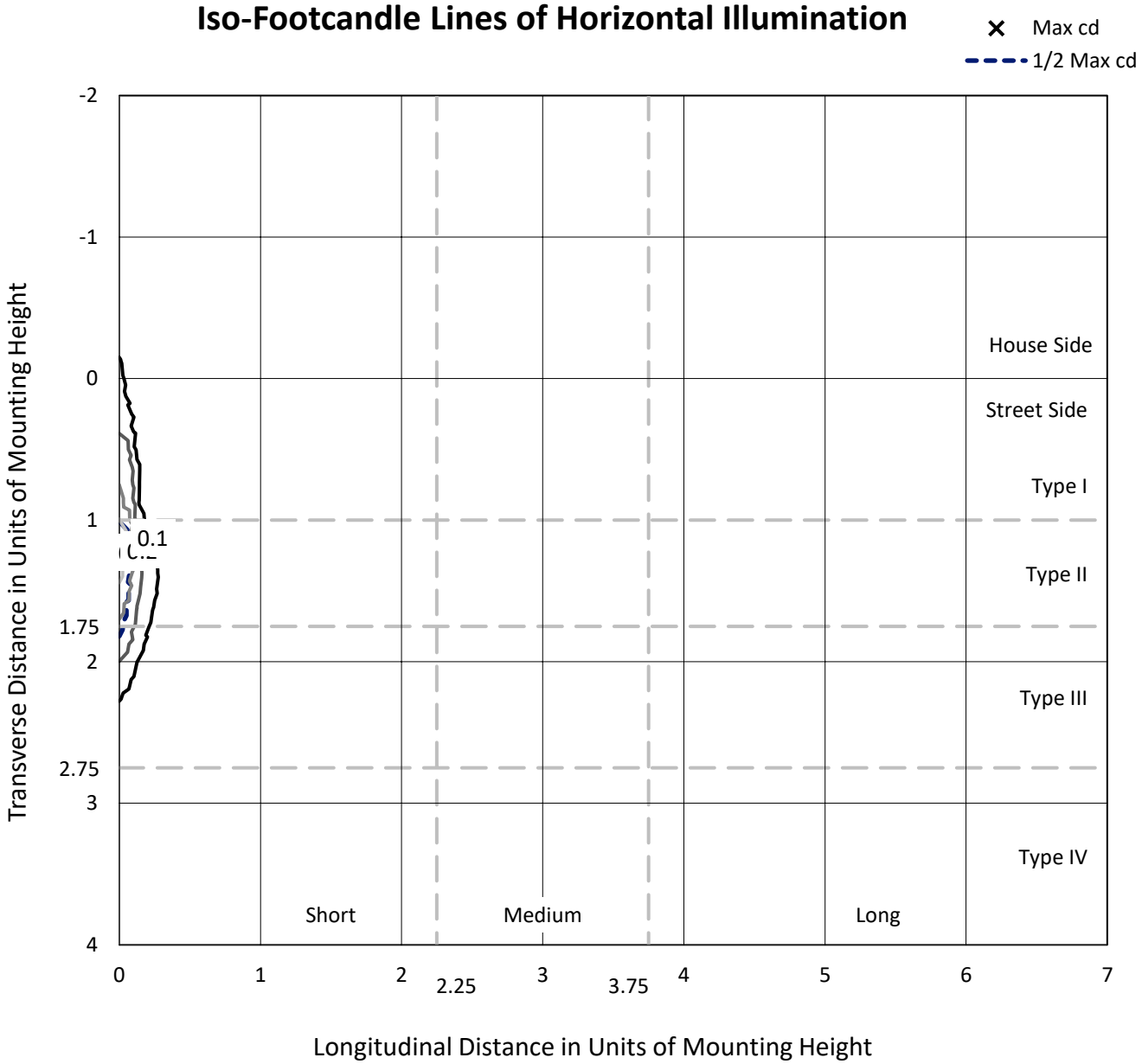
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 1.5 fc
Type III - Short - N/A

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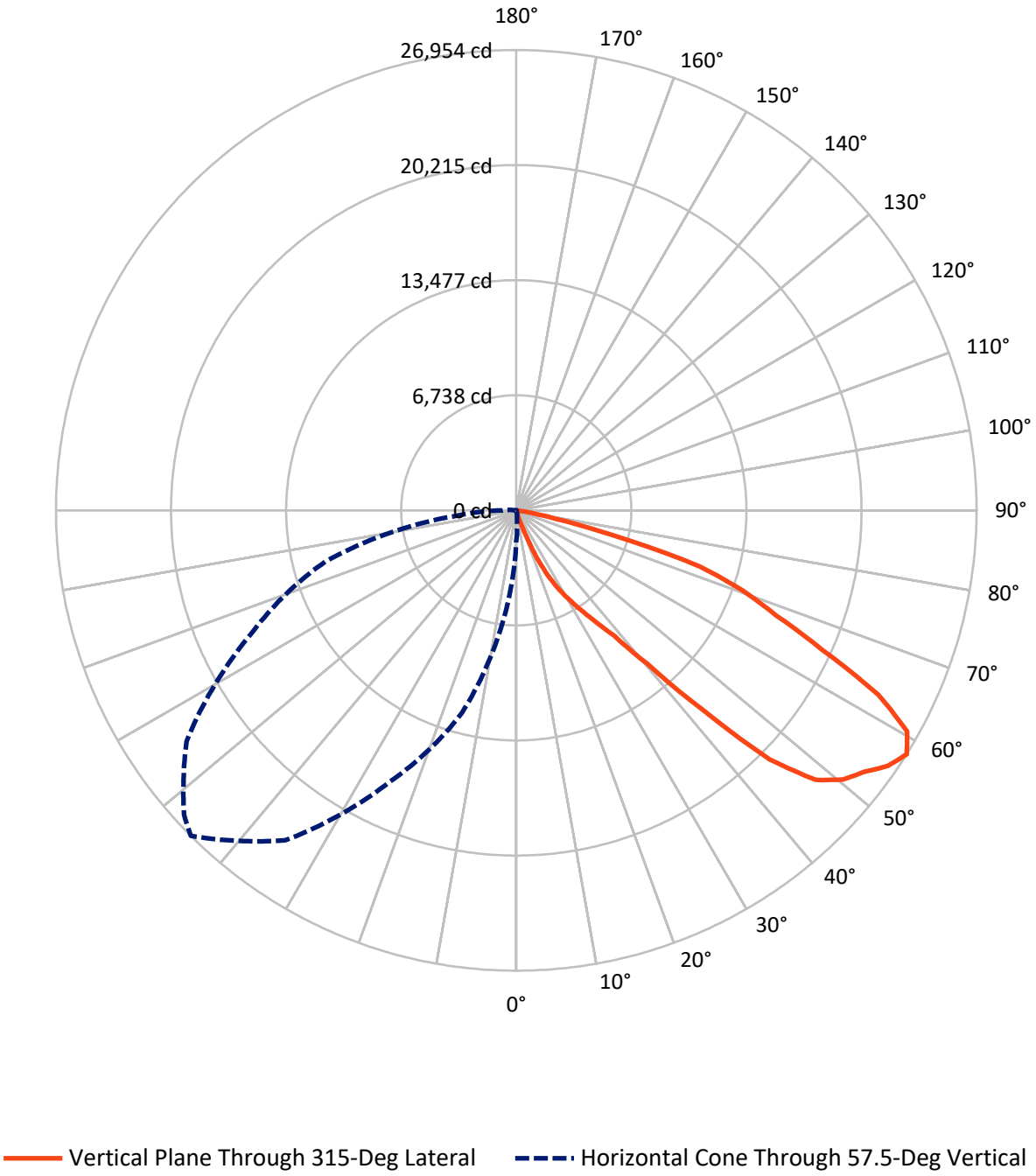
Luminous Intensity Polar Plot



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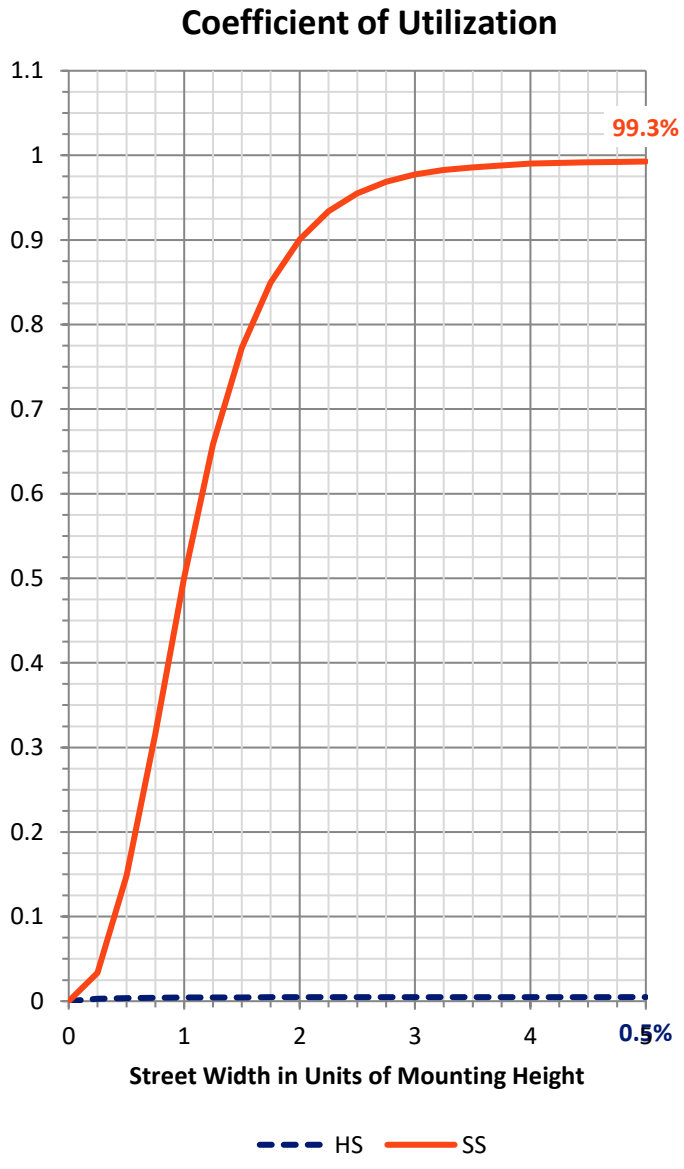
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	52.6	0.0	52.6
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	10458.5	0.0	10458.5
	% Fixture	99.5	0.0	99.5
Total	Lumens	10511.1	0.0	10511.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.1	0.0
10°-20°	23.1	0.2
20°-30°	249.1	2.4
30°-40°	736.6	7.0
40°-50°	2195.3	20.9
50°-60°	3481.0	33.1
60°-70°	2905.8	27.6
70°-80°	896.0	8.5
80°-90°	19.9	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	10511.1	100.0
0°-180°	10511.1	100.0



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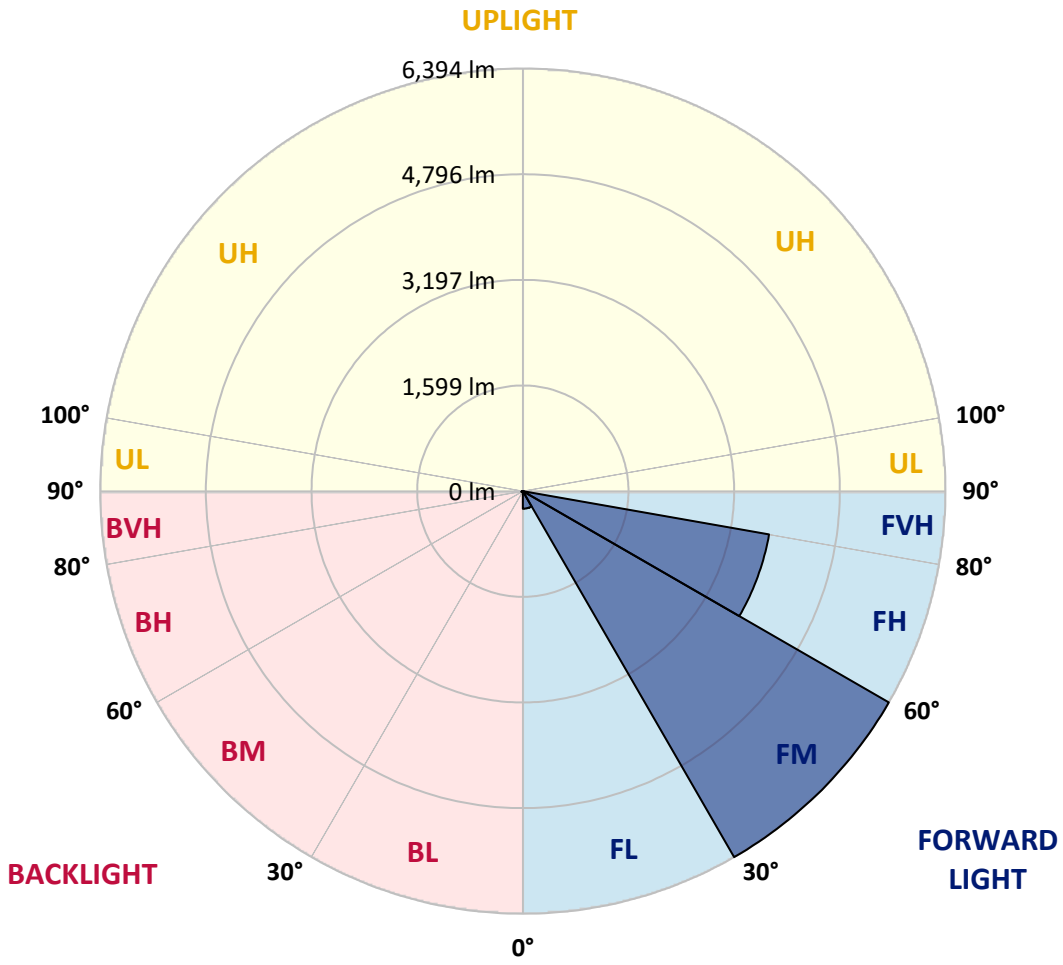
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	266.6	2.5			
FM	(30°-60°)	6394.2	60.8			
FH	(60°-80°)	3782.2	36.0			G2/5000
FVH	(80°-90°)	15.4	0.1			G1/100
BL	(0°-30°)	9.7	0.1	B0/110		
BM	(30°-60°)	18.8	0.2	B0/220		
BH	(60°-80°)	19.6	0.2	B0/110		G0/110
BVH	(80°-90°)	4.5	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
2.5°	42.1	42.1	42.1	42.1	41.3	41.3	40.5	40.5	39.7	39.7
5°	44.5	44.5	43.7	42.9	42.9	42.1	41.3	40.5	40.5	39.7
7.5°	48.5	47.7	46.9	46.1	44.5	43.7	42.1	41.3	40.5	38.9
10°	53.2	51.6	50.0	48.5	46.9	45.3	43.7	42.9	41.3	40.5
12.5°	59.6	57.2	54.0	51.6	50.0	47.7	46.1	44.5	42.1	40.5
15°	65.1	62.0	58.0	54.8	52.4	49.2	46.9	44.5	42.9	40.5
17.5°	73.1	67.5	61.2	57.2	54.0	50.0	46.1	43.7	41.3	38.1
20°	86.6	75.5	63.5	58.8	54.0	49.2	44.5	41.3	38.9	35.7
22.5°	108.0	89.0	69.9	62.8	56.4	49.2	42.9	39.7	36.5	33.4
25°	149.3	115.2	81.0	71.5	62.0	52.4	42.9	38.9	35.7	31.8
27.5°	198.6	147.7	96.1	82.6	69.9	56.4	42.9	38.1	34.2	29.4
30°	248.6	181.1	112.8	95.3	77.8	60.4	42.9	37.3	32.6	27.0
32.5°	296.3	212.1	127.1	106.4	85.8	64.3	43.7	37.3	31.0	24.6
35°	344.7	237.5	129.5	108.0	86.6	64.3	42.9	35.7	29.4	22.2
37.5°	406.7	266.1	124.7	103.3	82.6	61.2	40.5	34.2	27.8	20.7
40°	500.4	313.8	127.1	104.8	82.6	60.4	38.1	31.8	26.2	19.9
42.5°	673.6	405.9	137.4	112.0	86.6	60.4	34.9	29.4	24.6	19.1
45°	1164.5	674.4	184.3	146.2	108.0	69.9	31.8	27.0	23.0	18.3
47.5°	1926.2	1128.7	331.2	255.8	181.1	105.6	31.0	27.0	23.0	18.3
50°	2458.4	1437.7	417.0	320.9	224.8	128.7	32.6	27.8	23.8	19.1
52.5°	2454.4	1459.9	464.7	356.6	249.4	141.4	34.2	29.4	25.4	20.7
55°	2182.0	1328.1	473.4	363.8	255.0	145.4	36.5	31.8	27.0	22.2
57.5°	*1823.7*	*1127.9*	*432.1*	*334.4*	*237.5*	*139.8*	*42.1*	*36.5*	*31.8*	*26.2*
60°	1442.5	889.6	336.8	266.1	196.2	125.5	55.6	48.5	42.1	34.9
62.5°	996.1	645.0	293.9	235.9	178.7	120.7	63.5	56.4	50.0	42.9
65°	704.6	485.3	265.3	216.1	167.6	118.4	69.1	61.2	54.0	46.1
67.5°	526.6	386.0	244.6	202.6	160.5	118.4	76.3	66.7	58.0	48.5
70°	403.5	316.9	229.6	195.4	162.0	127.9	93.7	80.2	67.5	54.0
72.5°	328.8	270.9	212.1	187.5	162.8	138.2	113.6	96.1	78.6	60.4
75°	272.4	231.9	191.4	170.8	150.9	130.3	109.6	93.7	78.6	62.8
77.5°	181.1	165.2	148.5	136.6	124.7	112.0	100.1	86.6	73.9	60.4
80°	63.5	61.2	58.8	63.5	68.3	73.1	77.8	68.3	59.6	50.0
82.5°	9.5	8.7	7.9	8.7	9.5	10.3	11.1	11.9	12.7	13.5
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	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):

25°		0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
46.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.3											
42.9											
46.9											
46.9											
41.3											
14.3											
0.0											
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CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
0.0	2.5°	38.9	38.9	38.1	38.1	38.1	37.3	37.3	36.5	36.5	36.5
0.0	5°	38.1	38.1	37.3	36.5	35.7	35.7	34.9	34.2	34.2	33.4
0.0	7.5°	37.3	36.5	35.7	34.9	34.2	33.4	32.6	31.8	31.8	31.0
0.0	10°	38.1	36.5	35.7	34.2	33.4	32.6	31.0	30.2	29.4	29.4
0.0	12.5°	36.5	35.7	34.2	32.6	31.8	30.2	29.4	27.8	27.0	27.0
0.0	15°	36.5	34.9	32.6	31.0	29.4	28.6	27.0	25.4	24.6	23.8
0.0	17.5°	34.2	32.6	30.2	28.6	27.0	25.4	23.8	22.2	21.4	20.7
0.0	20°	31.0	29.4	27.0	24.6	23.0	21.4	19.9	18.3	17.5	16.7
0.0	22.5°	27.8	26.2	23.8	21.4	19.9	18.3	15.9	14.3	13.5	11.9
0.0	25°	26.2	23.8	21.4	19.1	16.7	15.1	12.7	10.3	8.7	7.1
0.0	27.5°	22.2	19.9	17.5	15.1	12.7	10.3	7.9	5.6	4.0	3.2
0.0	30°	19.1	16.7	14.3	11.9	8.7	6.4	4.0	0.8	0.8	0.8
0.0	32.5°	15.9	13.5	10.3	7.9	6.4	4.0	2.4	0.0	0.0	0.0
0.0	35°	12.7	10.3	7.1	4.8	4.0	2.4	1.6	0.0	0.0	0.0
0.0	37.5°	11.1	8.7	5.6	2.4	1.6	1.6	0.8	0.0	0.0	0.0
0.0	40°	10.3	7.1	4.0	0.8	0.8	0.8	0.0	0.0	0.0	0.0
0.0	42.5°	10.3	7.1	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	10.3	7.1	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	10.3	7.1	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	11.1	7.9	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	12.7	9.5	6.4	3.2	2.4	1.6	0.8	0.0	0.0	0.0
0.0	55°	15.9	14.3	11.9	10.3	7.9	5.6	2.4	0.0	0.0	0.0
0.0	57.5°	*20.7*	*20.7*	*19.9*	*19.1*	*14.3*	*9.5*	*4.8*	*0.0*	*0.0*	*0.0*
0.0	60°	27.8	27.8	27.8	27.8	20.7	14.3	7.1	0.0	0.0	0.0
0.0	62.5°	34.2	32.6	30.2	28.6	21.4	14.3	7.1	0.0	0.0	0.0
0.0	65°	34.2	31.0	27.0	23.0	17.5	11.9	5.6	0.0	0.0	0.0
0.0	67.5°	31.8	25.4	18.3	11.9	8.7	6.4	3.2	0.0	0.0	0.0
	70°	31.8	22.2	12.7	3.2	2.4	1.6	0.8	0.0	0.0	0.0
	72.5°	31.8	21.4	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	34.9	23.8	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	34.9	23.8	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	31.0	20.7	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	10.3	7.1	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1049437
CATALOG NUMBER: GALN-SA4A-950-U-RBC

CANDELA DISTRIBUTION (continued):

52.5°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
46.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1049437
CATALOG NUMBER: GALN-SA4A-950-U-RBC

CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
0.0	2.5°	35.7	35.7	35.7	34.9	34.9	34.9	34.9	34.2	34.2	34.2
0.0	5°	32.6	32.6	31.8	31.8	31.0	31.0	30.2	30.2	29.4	29.4
0.0	7.5°	30.2	29.4	29.4	28.6	27.8	27.8	27.0	27.0	26.2	25.4
0.0	10°	27.8	27.0	27.0	26.2	25.4	24.6	24.6	23.8	23.0	22.2
0.0	12.5°	25.4	24.6	23.8	23.0	22.2	21.4	21.4	20.7	19.9	19.1
0.0	15°	22.2	21.4	20.7	19.9	19.1	18.3	18.3	17.5	16.7	15.9
0.0	17.5°	19.1	18.3	18.3	17.5	16.7	15.9	15.1	13.5	12.7	11.9
0.0	20°	14.3	13.5	12.7	11.9	11.1	9.5	8.7	7.1	5.6	4.8
0.0	22.5°	9.5	7.9	7.1	5.6	4.0	3.2	2.4	0.8	0.0	0.0
0.0	25°	3.2	2.4	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1049437
CATALOG NUMBER: GALN-SA4A-950-U-RBC

CANDELA DISTRIBUTION (continued):

80°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
46.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1049437
CATALOG NUMBER: GALN-SA4A-950-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
0.0	2.5°	33.4	33.4	33.4	32.6	32.6	32.6	32.6	32.6	32.6	32.6
0.0	5°	28.6	28.6	28.6	27.8	27.8	27.0	27.0	27.0	26.2	26.2
0.0	7.5°	24.6	23.8	23.8	23.0	23.0	22.2	22.2	22.2	21.4	21.4
0.0	10°	20.7	19.9	19.9	19.1	19.1	18.3	18.3	17.5	17.5	16.7
0.0	12.5°	18.3	17.5	16.7	15.9	15.9	15.1	14.3	14.3	13.5	12.7
0.0	15°	14.3	13.5	12.7	11.9	11.1	10.3	9.5	9.5	8.7	7.9
0.0	17.5°	9.5	7.9	7.1	6.4	6.4	5.6	4.8	4.0	3.2	2.4
0.0	20°	2.4	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report

REPORT NUMBER: P1049437
CATALOG NUMBER: GALN-SA4A-950-U-RBC

CANDELA DISTRIBUTION (continued):

107.5°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
46.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1049437
CATALOG NUMBER: GALN-SA4A-950-U-RBC

CANDELA DISTRIBUTION (continued):

107.5°		110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°
0.0	0°	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
0.0	2.5°	32.6	31.8	31.8	31.8	32.6	32.6	32.6	32.6	32.6	32.6
0.0	5°	26.2	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
0.0	7.5°	21.4	20.7	20.7	20.7	20.7	19.9	19.9	19.9	19.9	19.9
0.0	10°	16.7	15.9	15.9	15.9	15.9	15.1	15.1	15.1	15.1	15.1
0.0	12.5°	11.9	11.9	11.1	11.1	11.1	10.3	10.3	10.3	10.3	9.5
0.0	15°	7.1	6.4	5.6	5.6	5.6	4.8	4.8	4.8	4.8	4.0
0.0	17.5°	1.6	1.6	0.8	0.8	0.8	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1049437
CATALOG NUMBER: GALN-SA4A-950-U-RBC

CANDELA DISTRIBUTION (continued):

135°		110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°
46.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1049437
CATALOG NUMBER: GALN-SA4A-950-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
0.0	2.5°	33.4	33.4	34.2	34.2	34.9	36.5	37.3	38.1	39.7	41.3
0.0	5°	26.2	27.0	27.0	27.8	28.6	29.4	30.2	31.0	32.6	34.2
0.0	7.5°	20.7	20.7	21.4	21.4	22.2	23.8	24.6	25.4	27.0	29.4
0.0	10°	15.9	15.9	16.7	16.7	17.5	19.1	19.9	20.7	22.2	24.6
0.0	12.5°	10.3	11.1	11.1	11.9	12.7	14.3	15.1	15.9	17.5	19.1
0.0	15°	4.8	5.6	5.6	6.4	7.1	8.7	9.5	10.3	11.9	14.3
0.0	17.5°	0.8	0.8	1.6	1.6	2.4	3.2	4.0	4.8	7.1	8.7
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	3.2
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report

REPORT NUMBER: P1049437
CATALOG NUMBER: GALN-SA4A-950-U-RBC

CANDELA DISTRIBUTION (continued):

162.5°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
46.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1049437
CATALOG NUMBER: GALN-SA4A-950-U-RBC

CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
0.0	2.5°	43.7	45.3	46.9	48.5	50.0	51.6	52.4	54.0	54.8	55.6
0.0	5°	37.3	38.9	41.3	42.9	44.5	46.1	47.7	48.5	49.2	50.0
0.0	7.5°	32.6	34.2	36.5	38.1	39.7	41.3	42.9	44.5	45.3	46.1
0.0	10°	27.8	30.2	31.8	34.2	35.7	37.3	38.9	40.5	42.1	42.9
0.0	12.5°	22.2	24.6	27.0	28.6	31.0	33.4	34.9	36.5	38.1	39.7
0.0	15°	17.5	19.9	22.2	23.8	26.2	28.6	31.0	32.6	34.2	35.7
0.0	17.5°	12.7	15.1	17.5	19.1	21.4	23.8	25.4	27.8	29.4	31.0
0.0	20°	6.4	8.7	11.1	13.5	15.9	18.3	19.9	22.2	23.8	25.4
0.0	22.5°	0.8	3.2	5.6	7.1	9.5	11.9	13.5	15.9	17.5	19.1
0.0	25°	0.0	0.8	2.4	3.2	4.0	5.6	7.1	8.7	10.3	11.9
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.8	1.6	3.2	4.8	6.4
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	1.6
	85°	0.0	0.0	0.0	0.0	0.0	1.6	2.4	4.0	4.8	5.6
	87.5°	0.0	0.8	1.6	2.4	3.2	4.8	6.4	7.9	8.7	9.5
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1049437
CATALOG NUMBER: GALN-SA4A-950-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
46.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	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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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1049437
CATALOG NUMBER: GALN-SA4A-950-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
0.0	2.5°	56.4	56.4	56.4	56.4	55.6	55.6	55.6	54.8	54.8	54.0
0.0	5°	51.6	52.4	52.4	52.4	52.4	52.4	52.4	52.4	51.6	51.6
0.0	7.5°	47.7	48.5	49.2	49.2	50.0	50.0	50.0	49.2	49.2	48.5
0.0	10°	45.3	46.1	46.1	46.9	46.9	46.9	46.9	46.9	46.9	46.9
0.0	12.5°	42.1	42.9	43.7	43.7	44.5	44.5	44.5	44.5	43.7	43.7
0.0	15°	38.1	39.7	40.5	41.3	41.3	42.1	42.1	42.1	42.1	42.1
0.0	17.5°	34.9	36.5	37.3	38.1	38.1	38.9	38.9	39.7	39.7	39.7
0.0	20°	28.6	30.2	31.0	32.6	33.4	34.2	34.9	35.7	35.7	36.5
0.0	22.5°	22.2	23.8	24.6	26.2	27.0	27.8	28.6	29.4	30.2	31.0
0.0	25°	15.9	17.5	18.3	19.9	20.7	21.4	22.2	23.0	23.0	23.8
0.0	27.5°	8.7	10.3	11.9	12.7	14.3	15.1	15.9	16.7	17.5	18.3
0.0	30°	4.0	4.8	5.6	7.1	7.9	8.7	9.5	11.1	11.9	12.7
0.0	32.5°	0.0	0.0	0.8	2.4	3.2	4.0	4.8	5.6	5.6	6.4
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.6	2.4	3.2
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	1.6	1.6	1.6	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	82.5°	4.0	4.8	5.6	5.6	6.4	6.4	6.4	6.4	5.6	5.6
	85°	7.9	8.7	9.5	9.5	10.3	10.3	10.3	10.3	10.3	10.3
	87.5°	11.1	11.9	12.7	12.7	13.5	13.5	13.5	13.5	13.5	13.5
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report

REPORT NUMBER: P1049437
CATALOG NUMBER: GALN-SA4A-950-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
46.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
2.4											
5.6											
10.3											
13.5											
0.0											
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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1049437
CATALOG NUMBER: GALN-SA4A-950-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
0.0	0°	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
0.0	2.5°	53.2	53.2	52.4	52.4	52.4	52.4	52.4	53.2	54.0	54.0
0.0	5°	50.8	50.8	50.0	50.0	50.0	50.8	50.8	51.6	52.4	53.2
0.0	7.5°	48.5	47.7	47.7	48.5	48.5	49.2	49.2	50.0	50.8	51.6
0.0	10°	46.9	46.1	46.1	46.1	46.9	46.9	47.7	48.5	49.2	50.0
0.0	12.5°	43.7	43.7	43.7	43.7	44.5	44.5	45.3	46.1	47.7	48.5
0.0	15°	42.1	41.3	41.3	41.3	41.3	42.1	42.1	43.7	45.3	46.1
0.0	17.5°	38.9	38.9	38.1	38.1	38.9	38.9	39.7	41.3	42.9	43.7
0.0	20°	35.7	34.9	34.2	34.2	34.9	34.9	35.7	37.3	38.9	39.7
0.0	22.5°	31.0	30.2	30.2	30.2	30.2	31.0	31.0	32.6	34.9	36.5
0.0	25°	24.6	25.4	25.4	26.2	26.2	27.0	27.8	29.4	31.8	33.4
0.0	27.5°	19.1	19.9	19.9	21.4	22.2	23.0	23.8	26.2	28.6	30.2
0.0	30°	14.3	15.1	15.9	16.7	18.3	19.9	21.4	23.8	26.2	27.8
0.0	32.5°	8.7	10.3	11.1	12.7	14.3	15.9	17.5	19.9	23.0	25.4
0.0	35°	6.4	7.1	8.7	9.5	11.1	12.7	14.3	17.5	19.9	23.0
0.0	37.5°	3.2	4.8	6.4	7.9	9.5	11.1	12.7	15.9	19.1	21.4
0.0	40°	2.4	4.0	4.8	6.4	8.7	10.3	11.9	15.1	18.3	21.4
0.0	42.5°	1.6	2.4	3.2	5.6	7.1	9.5	11.9	15.1	18.3	21.4
0.0	45°	1.6	1.6	2.4	4.8	7.1	10.3	12.7	15.9	18.3	21.4
0.0	47.5°	1.6	2.4	3.2	6.4	7.9	10.3	12.7	15.1	18.3	20.7
0.0	50°	2.4	3.2	4.0	7.1	8.7	11.1	12.7	15.9	18.3	21.4
0.0	52.5°	1.6	2.4	3.2	6.4	8.7	11.9	14.3	17.5	20.7	23.0
0.0	55°	0.8	0.8	0.8	4.8	9.5	13.5	18.3	20.7	23.8	26.2
0.0	57.5°	*0.0*	*0.0*	*0.0*	*3.2*	*9.5*	*15.1*	*20.7*	*23.8*	*27.0*	*29.4*
0.0	60°	0.0	0.0	0.0	3.2	9.5	15.1	20.7	24.6	28.6	32.6
0.0	62.5°	0.0	0.0	0.0	3.2	7.9	12.7	17.5	23.8	31.0	37.3
0.0	65°	0.0	0.0	0.0	2.4	6.4	10.3	14.3	23.8	33.4	42.1
0.0	67.5°	0.0	0.0	0.0	2.4	6.4	9.5	13.5	23.8	33.4	43.7
	70°	0.0	0.0	0.0	2.4	6.4	10.3	14.3	23.8	33.4	42.9
	72.5°	0.0	0.0	0.0	2.4	7.1	11.1	15.9	23.8	31.8	39.7
	75°	0.0	0.0	0.0	3.2	7.1	11.9	16.7	23.8	31.0	37.3
	77.5°	0.0	0.0	0.0	2.4	7.1	11.1	15.9	23.0	30.2	36.5
	80°	2.4	1.6	1.6	4.0	7.1	10.3	13.5	20.7	28.6	35.7
	82.5°	4.8	4.8	4.0	5.6	7.1	9.5	11.9	18.3	25.4	31.8
	85°	9.5	9.5	8.7	9.5	9.5	10.3	11.1	14.3	17.5	20.7
	87.5°	12.7	12.7	11.9	11.9	11.9	11.1	11.1	11.1	11.1	10.3
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1049437
CATALOG NUMBER: GALN-SA4A-950-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
46.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.4											
47.7											
44.5											
43.7											
42.9											
38.1											
23.8											
10.3											
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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1049437
CATALOG NUMBER: GALN-SA4A-950-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
0.0	2.5°	55.6	56.4	56.4	57.2	58.0	58.8	58.8	59.6	59.6	59.6
0.0	5°	54.8	56.4	57.2	58.0	58.8	59.6	60.4	61.2	62.0	62.0
0.0	7.5°	54.0	54.8	56.4	57.2	58.8	59.6	61.2	62.0	62.8	63.5
0.0	10°	52.4	54.0	55.6	57.2	58.8	60.4	62.0	63.5	65.1	65.9
0.0	12.5°	50.8	53.2	54.8	56.4	58.8	61.2	62.8	65.1	66.7	68.3
0.0	15°	50.0	51.6	54.0	55.6	58.8	62.0	64.3	67.5	70.7	73.1
0.0	17.5°	47.7	50.8	53.2	55.6	58.8	62.8	65.9	69.1	73.9	78.6
0.0	20°	44.5	46.9	50.0	52.4	57.2	61.2	65.9	69.9	77.0	84.2
0.0	22.5°	41.3	44.5	46.9	50.0	55.6	60.4	65.9	70.7	82.6	93.7
0.0	25°	38.1	42.1	45.3	48.5	54.8	61.2	67.5	73.9	93.7	113.6
0.0	27.5°	36.5	39.7	43.7	46.9	54.8	63.5	71.5	79.4	111.2	142.2
0.0	30°	34.2	38.1	41.3	45.3	55.6	65.9	76.3	86.6	135.0	183.5
0.0	32.5°	31.8	35.7	39.7	43.7	57.2	70.7	83.4	96.9	160.5	223.2
0.0	35°	29.4	34.2	38.1	42.1	59.6	77.8	95.3	112.8	183.5	253.4
0.0	37.5°	28.6	33.4	37.3	41.3	60.4	78.6	97.7	116.0	185.9	255.8
0.0	40°	29.4	33.4	38.1	42.1	58.0	73.9	89.0	104.8	177.9	250.2
0.0	42.5°	29.4	34.2	38.9	43.7	56.4	69.1	81.8	94.5	175.5	256.6
0.0	45°	28.6	33.4	38.1	42.9	54.8	65.9	77.8	89.0	189.8	289.9
0.0	47.5°	27.8	32.6	37.3	42.1	54.0	65.9	77.8	89.8	245.4	400.3
0.0	50°	27.8	32.6	36.5	40.5	54.8	69.9	84.2	98.5	357.4	615.6
0.0	52.5°	29.4	33.4	36.5	39.7	56.4	73.9	90.6	107.2	454.3	800.7
0.0	55°	31.8	34.2	37.3	39.7	60.4	80.2	100.9	120.7	483.7	846.7
0.0	57.5°	*34.9*	*37.3*	*39.7*	*42.1*	*67.5*	*92.9*	*117.6*	*143.0*	*486.1*	*828.5*
0.0	60°	38.9	42.1	44.5	46.9	73.9	101.7	128.7	155.7	440.0	723.6
0.0	62.5°	47.7	51.6	54.8	58.8	85.0	110.4	136.6	162.0	365.4	568.7
0.0	65°	54.8	58.0	61.2	64.3	89.8	116.0	141.4	166.8	309.8	452.8
0.0	67.5°	56.4	59.6	62.0	65.1	91.3	117.6	143.0	169.2	265.3	360.6
	70°	57.2	61.2	65.9	69.9	96.9	123.9	150.1	177.1	235.1	293.1
	72.5°	54.8	62.8	69.9	77.0	102.5	127.1	152.5	177.1	218.4	259.7
	75°	54.8	65.9	76.3	86.6	105.6	123.9	143.0	161.2	193.0	224.8
	77.5°	58.0	72.3	86.6	100.9	112.0	122.3	133.4	143.8	164.4	185.1
	80°	58.0	73.1	87.4	102.5	107.2	112.8	117.6	122.3	124.7	127.1
	82.5°	50.0	62.0	73.9	85.8	80.2	74.7	69.1	63.5	59.6	54.8
	85°	25.4	27.8	29.4	31.0	28.6	26.2	23.8	21.4	19.9	17.5
	87.5°	10.3	10.3	9.5	9.5	9.5	9.5	8.7	8.7	8.7	8.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1049437
CATALOG NUMBER: GALN-SA4A-950-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
46.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
235.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
318.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
398.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
452.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
492.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
533.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
612.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
771.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1175.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1800.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2267.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2318.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2092.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1788.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1398.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1056.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
780.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
552.0											
410.7											
298.7											
224.8											
126.3											
57.2											
16.7											
7.9											
0.0											
0.0											
0.0											
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0.0											
0.0											
0.0											
0.0											
0.0											

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

Scaled Data Report

REPORT NUMBER: P1049437
CATALOG NUMBER: GALN-SA4A-950-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
0.0	0°	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
0.0	2.5°	59.6	58.8	58.8	58.0	57.2	56.4	55.6	54.8	54.0	53.2
0.0	5°	62.0	62.0	62.0	61.2	61.2	60.4	60.4	59.6	58.8	58.0
0.0	7.5°	64.3	65.1	65.1	65.9	65.9	65.9	65.9	65.1	65.1	65.1
0.0	10°	68.3	69.1	69.9	70.7	71.5	72.3	72.3	73.1	73.1	73.1
0.0	12.5°	73.1	75.5	77.0	79.4	81.0	83.4	85.0	87.4	89.0	90.6
0.0	15°	80.2	84.2	89.0	92.9	96.9	102.5	108.8	114.4	119.9	128.7
0.0	17.5°	90.6	103.3	116.0	127.9	140.6	168.4	196.2	223.2	251.0	291.5
0.0	20°	110.4	148.5	185.9	224.0	261.3	359.0	455.9	553.6	650.5	754.6
0.0	22.5°	154.9	248.6	342.3	436.1	529.8	733.9	937.3	1141.4	1344.8	1583.9
0.0	25°	224.8	397.2	569.5	741.1	913.5	1232.8	1552.9	1872.2	2191.5	2502.1
0.0	27.5°	327.3	591.0	854.7	1117.6	1381.3	1814.2	2247.9	2680.8	3113.7	3464.8
0.0	30°	453.6	811.0	1168.4	1525.9	1883.3	2375.8	2868.3	3359.9	3852.4	4236.1
0.0	32.5°	572.7	1010.4	1448.0	1884.9	2322.6	2883.4	3444.9	4005.7	4566.5	4985.9
0.0	35°	650.5	1179.6	1709.4	2238.4	2767.4	3374.2	3981.1	4587.2	5194.0	5673.0
0.0	37.5°	728.4	1339.2	1949.2	2560.1	3170.1	3836.5	4503.0	5169.4	5835.8	6427.6
0.0	40°	815.8	1532.2	2247.9	2964.4	3680.1	4469.6	5258.4	6047.9	6836.7	7671.5
0.0	42.5°	967.5	1852.3	2738.0	3622.9	4507.7	5552.3	6596.8	7640.5	8685.0	9876.5
0.0	45°	1252.6	2499.7	3747.6	4994.6	6241.7	7625.4	9009.9	10393.6	11777.3	13362.7
0.0	47.5°	1950.8	3666.6	5381.5	7097.2	8812.1	10306.2	11799.5	13293.6	14786.9	16366.0
0.0	50°	2985.0	4981.9	6978.8	8975.0	10971.9	12323.8	13674.9	15026.8	16378.0	17880.0
0.0	52.5°	3733.3	5813.6	7894.7	9975.0	12055.3	13275.4	14496.2	15716.3	16936.4	18339.9
0.0	55°	3789.7	5858.1	7927.3	9995.6	12064.0	13289.7	14515.3	15740.9	16966.5	18454.3
0.0	57.5°	*3355.2*	*5406.9*	*7457.8*	*9509.5*	*11560.4*	*12956.1*	*14350.9*	*15746.5*	*17141.3*	*18749.8*
0.0	60°	2854.0	4906.5	6958.2	9010.7	11062.4	12670.1	14278.6	15886.3	17494.0	19000.8
0.0	62.5°	2226.5	4337.7	6449.8	8561.1	10672.4	12304.7	13937.0	15568.6	17200.9	18331.2
0.0	65°	1659.3	3709.4	5759.6	7808.9	9859.0	11166.5	12473.9	13780.6	15088.0	15787.8
0.0	67.5°	1199.4	2967.6	4734.9	6503.0	8270.4	9206.1	10141.8	11076.7	12012.4	12547.8
	70°	811.0	2035.8	3259.9	4484.7	5708.7	6477.6	7247.3	8016.2	8785.1	9507.9
	72.5°	561.6	1249.5	1938.1	2626.0	3313.9	4087.5	4860.4	5634.1	6406.9	7171.9
	75°	372.5	685.5	999.2	1312.2	1625.2	2197.9	2771.4	3344.1	3916.8	4372.7
	77.5°	264.5	358.2	452.8	546.5	640.2	747.4	855.5	962.7	1069.9	1232.8
	80°	125.5	137.4	149.3	160.5	172.4	211.3	250.2	289.1	328.1	369.4
	82.5°	59.6	64.3	69.1	73.1	77.8	81.8	85.8	89.8	93.7	89.8
	85°	15.9	15.9	16.7	16.7	16.7	16.7	16.7	16.7	16.7	15.9
	87.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.4	6.4	5.6
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1049437
CATALOG NUMBER: GALN-SA4A-950-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
46.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
331.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
859.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1823.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2812.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3815.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4620.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5406.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6152.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7020.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8506.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11068.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14948.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17945.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19382.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19743.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19942.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20358.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20506.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19462.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16488.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13083.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10230.0											
7936.8											
4828.6											
1395.6											
410.7											
85.0											
15.1											
5.6											
0.0											
0.0											
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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1049437
CATALOG NUMBER: GALN-SA4A-950-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	46.1	46.1	46.1	46.1	46.1	*46.1*	46.1	46.1	46.1
0.0	2.5°	51.6	50.8	50.0	49.2	48.5	*46.9*	46.9	46.1	46.1
0.0	5°	56.4	55.6	54.8	54.0	54.0	*53.2*	52.4	52.4	51.6
0.0	7.5°	64.3	63.5	62.8	62.0	62.0	*61.2*	61.2	60.4	60.4
0.0	10°	73.9	73.9	73.9	73.9	73.9	*73.1*	73.1	73.1	72.3
0.0	12.5°	92.9	93.7	95.3	96.9	99.3	*99.3*	99.3	98.5	98.5
0.0	15°	146.9	155.7	162.0	168.4	174.0	*186.7*	185.1	182.7	181.1
0.0	17.5°	371.7	411.5	432.9	453.6	475.0	*533.8*	524.2	514.7	506.0
0.0	20°	963.5	1067.6	1136.7	1205.8	1275.7	*1386.1*	1359.1	1332.1	1305.1
0.0	22.5°	2061.2	2300.3	2404.4	2508.4	2611.7	*2745.1*	2658.6	2572.0	2486.2
0.0	25°	3122.4	3433.0	3608.6	3784.1	3958.9	*4035.1*	3922.3	3808.7	3695.9
0.0	27.5°	4167.0	4518.1	4672.9	4827.0	4981.9	*5141.6*	5001.8	4861.2	4721.4
0.0	30°	5004.2	5387.8	5555.4	5722.2	5889.8	*6001.0*	5856.5	5711.1	5566.6
0.0	32.5°	5825.5	6244.9	6428.4	6611.9	6794.6	*6954.2*	6776.3	6597.6	6419.6
0.0	35°	6630.1	7109.1	7361.7	7614.3	7866.9	*8015.4*	7804.1	7592.1	7380.8
0.0	37.5°	7611.9	8203.7	8486.4	8769.2	9052.0	*9322.9*	9090.1	8856.6	8623.9
0.0	40°	9341.1	10176.0	10609.7	11044.1	11477.8	*11827.3*	11533.4	11239.5	10945.6
0.0	42.5°	12259.4	13450.9	14074.4	14697.2	15320.7	*15866.4*	15557.4	15248.4	14939.5
0.0	45°	16533.6	18119.1	18879.3	19638.6	20398.8	*20797.5*	20352.7	19907.1	19462.3
0.0	47.5°	19523.4	21102.5	21779.3	22456.0	23132.8	*23587.9*	23043.8	22499.7	21956.4
0.0	50°	20883.3	22385.4	23064.5	23742.8	24422.0	*24783.4*	24155.1	23526.0	22897.7
0.0	52.5°	21146.2	22549.8	23360.0	24171.0	24981.2	*25464.1*	24722.2	23979.5	23237.7
0.0	55°	21430.6	22918.3	23858.0	24798.5	25738.2	*26407.0*	25568.2	24728.6	23889.8
0.0	57.5°	*21966.0*	*23574.4*	*24511.7*	*25448.2*	*26385.5*	*26953.5*	*26112.3*	*25270.3*	*24429.1*
0.0	60°	22013.6	23519.6	24325.1	25131.3	25936.7	*26294.2*	25489.5	24684.1	23879.5
0.0	62.5°	20592.6	21722.9	22282.1	22841.3	23400.5	*23788.9*	22949.3	22108.9	21269.3
0.0	65°	17188.2	17887.9	18333.6	18779.2	19224.8	*19687.9*	18919.0	18150.1	17381.2
0.0	67.5°	13619.3	14154.7	14741.7	15328.7	15915.7	*16410.5*	15794.9	15178.5	14563.0
	70°	10952.8	11674.8	12334.9	12995.0	13655.1	*14060.2*	13442.2	12823.4	12205.4
	72.5°	8701.7	9466.6	10017.9	10568.3	11119.6	*11218.9*	10764.5	10310.2	9856.6
	75°	5283.8	5739.7	5750.8	5761.2	5772.3	*5866.8*	5490.3	5113.8	4738.1
	77.5°	1558.4	1721.3	1855.5	1989.0	2123.2	*2285.2*	2147.0	2008.0	1869.8
	80°	451.2	492.5	527.4	561.6	596.5	*575.9*	543.3	510.7	478.2
	82.5°	81.0	76.3	75.5	74.7	74.7	*70.7*	64.3	58.0	51.6
	85°	14.3	13.5	12.7	11.9	11.1	*10.3*	8.7	7.9	6.4
	87.5°	4.8	4.0	3.2	2.4	2.4	*0.8*	0.8	0.8	0.0
	90°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report

REPORT NUMBER: P1049437
CATALOG NUMBER: GALN-SA4A-950-U-RBC

CANDELA DISTRIBUTION (continued):

325°	327.5°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
46.1	46.1	112.5°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
45.3	45.3	115°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
50.8	50.8	117.5°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
59.6	58.8	120°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
72.3	71.5	122.5°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
97.7	95.3	125°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
178.7	170.0	127.5°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
496.4	454.3	130°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
1278.1	1163.7	132.5°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
2399.6	2187.5	135°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
3582.4	3315.5	137.5°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
4581.6	4274.2	140°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
5422.0	5091.6	142.5°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
6241.7	5846.2	145°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
7169.5	6708.0	147.5°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
8390.3	7823.2	150°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
10651.7	9921.0	152.5°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
14630.5	13643.1	155°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
19017.5	17792.6	157.5°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
21412.3	20089.8	160°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
22269.4	20923.0	162.5°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
22495.0	21121.6	165°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
23050.2	21576.7	167.5°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
23587.9	*22077.2*	170°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
23074.8	21759.4	172.5°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
20429.0	19382.1	175°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
16612.3	15848.2	177.5°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
13947.4	13086.3	180°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0
11586.7	10649.4										
9402.3	8557.9										
4361.6	4024.0										
1731.6	1548.9										
445.6	399.5										
45.3	42.9										
4.8	4.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										

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

Scaled Data Report

REPORT NUMBER: P1049437
CATALOG NUMBER: GALN-SA4A-950-U-RBC

CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
0.0	0.0	2.5°	45.3	44.5	44.5	44.5	44.5	43.7	43.7	43.7	43.7
0.0	0.0	5°	50.0	50.0	49.2	49.2	48.5	48.5	47.7	47.7	46.9
0.0	0.0	7.5°	58.8	58.0	57.2	56.4	55.6	54.0	53.2	52.4	52.4
0.0	0.0	10°	70.7	69.1	68.3	66.7	65.9	64.3	62.8	61.2	59.6
0.0	0.0	12.5°	92.9	89.8	87.4	84.2	81.0	78.6	75.5	73.1	69.9
0.0	0.0	15°	161.2	153.3	144.6	134.2	123.1	112.8	101.7	95.3	88.2
0.0	0.0	17.5°	412.2	370.9	328.8	294.7	260.5	227.2	193.0	168.4	143.8
0.0	0.0	20°	1049.3	934.9	820.5	707.7	594.1	481.4	367.8	310.6	253.4
0.0	0.0	22.5°	1974.7	1762.6	1549.7	1344.0	1137.5	931.7	726.0	596.5	467.9
0.0	0.0	25°	3047.8	2780.9	2514.0	2175.6	1836.5	1498.1	1159.7	949.2	738.7
0.0	0.0	27.5°	3966.0	3658.6	3351.2	2939.8	2528.3	2116.8	1705.4	1391.6	1078.7
0.0	0.0	30°	4761.1	4430.7	4100.2	3621.3	3142.3	2663.3	2184.4	1792.0	1399.6
0.0	0.0	32.5°	5450.6	5055.0	4659.4	4165.4	3671.3	3177.3	2683.2	2201.8	1720.5
0.0	0.0	35°	6245.7	5784.2	5321.9	4773.8	4225.0	3676.9	3128.8	2585.5	2041.4
0.0	0.0	37.5°	7256.1	6689.7	6122.6	5511.7	4900.9	4290.9	3680.1	3058.9	2437.7
0.0	0.0	40°	9190.2	8459.4	7728.7	6952.6	6175.8	5399.7	4623.7	3861.2	3098.6
0.0	0.0	42.5°	12655.8	11668.5	10681.1	9648.5	8615.1	7582.5	6549.1	5473.6	4397.3
0.0	0.0	45°	16567.0	15342.2	14116.5	12957.6	11797.9	10639.0	9480.1	8004.3	6528.5
0.0	0.0	47.5°	18766.5	17443.9	16121.4	15024.4	13927.5	12830.6	11733.6	10142.6	8551.6
0.0	0.0	50°	19575.9	18229.5	16883.1	15873.6	14863.2	13853.6	12843.3	11249.9	9655.7
0.0	0.0	52.5°	19748.2	18374.9	17001.5	15985.6	14969.6	13954.5	12938.6	11355.5	9772.4
0.0	0.0	55°	20102.5	18629.0	17154.8	15996.7	14838.6	13680.5	12522.4	10913.9	9305.4
0.0	0.0	57.5°	*20565.6*	*19054.8*	*17544.0*	*16224.7*	*14905.3*	*13586.7*	*12267.4*	*10508.8*	*8750.2*
0.0	0.0	60°	20444.1	19129.5	17814.1	16401.0	14987.1	13574.0	12160.2	10226.0	8291.0
0.0	0.0	62.5°	18334.4	17287.4	16239.7	15077.7	13914.8	12752.7	11590.6	9599.3	7607.9
0.0	0.0	65°	15083.2	14319.1	13555.0	12620.1	11684.4	10749.5	9814.5	8028.9	6244.1
0.0	0.0	67.5°	12224.5	11363.5	10501.6	9756.6	9010.7	8265.6	7519.8	6114.6	4709.5
		70°	9712.1	8775.6	7838.3	7110.7	6382.3	5654.7	4927.1	3993.0	3059.7
		72.5°	7712.8	6868.4	6024.1	5248.0	4471.2	3695.1	2918.3	2366.3	1814.2
		75°	3686.4	3348.8	3011.2	2605.3	2199.5	1793.6	1387.7	1147.0	907.1
		77.5°	1366.2	1184.3	1001.6	836.4	671.2	506.8	341.6	313.0	284.4
		80°	353.5	308.2	262.1	229.6	196.2	163.6	131.1	118.4	106.4
		82.5°	40.5	37.3	34.9	33.4	31.0	29.4	27.0	24.6	22.2
		85°	2.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1049437
CATALOG NUMBER: GALN-SA4A-950-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
46.1	46.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.9	42.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.9	46.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.6	50.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.0	56.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5	64.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.8	74.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.4	93.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
196.2	139.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
338.4	208.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
528.2	317.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
764.9	451.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1007.2	614.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1238.3	757.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1498.1	954.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1816.6	1195.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2335.3	1572.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3321.8	2245.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5052.6	3576.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6960.6	5369.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8062.3	6468.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8188.6	6605.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7696.9	6088.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6990.8	*5232.1*	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6356.9	4421.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5616.6	3625.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4458.5	2672.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3304.3	1899.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2125.6	1191.5										
1262.2	710.1										
666.4	425.8										
255.8	227.2										
93.7	81.0										
19.1	16.7										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										

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

Scaled Data Report

REPORT NUMBER: P1049437
CATALOG NUMBER: GALN-SA4A-950-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	46.1	46.1
0.0	0.0	2.5°	42.9	42.1
0.0	0.0	5°	45.3	44.5
0.0	0.0	7.5°	50.0	48.5
0.0	0.0	10°	54.8	53.2
0.0	0.0	12.5°	62.0	59.6
0.0	0.0	15°	69.9	65.1
0.0	0.0	17.5°	83.4	73.1
0.0	0.0	20°	112.8	86.6
0.0	0.0	22.5°	158.9	108.0
0.0	0.0	25°	233.5	149.3
0.0	0.0	27.5°	324.9	198.6
0.0	0.0	30°	432.1	248.6
0.0	0.0	32.5°	526.6	296.3
0.0	0.0	35°	649.7	344.7
0.0	0.0	37.5°	801.5	406.7
0.0	0.0	40°	1036.6	500.4
0.0	0.0	42.5°	1459.9	673.6
0.0	0.0	45°	2371.0	1164.5
0.0	0.0	47.5°	3648.3	1926.2
0.0	0.0	50°	4463.2	2458.4
0.0	0.0	52.5°	4530.0	2454.4
0.0	0.0	55°	4135.2	2182.0
0.0	0.0	57.5°	*3528.3*	*1823.7*
0.0	0.0	60°	2932.6	1442.5
0.0	0.0	62.5°	2310.7	996.1
0.0	0.0	65°	1688.7	704.6
0.0	0.0	67.5°	1212.9	526.6
		70°	797.5	403.5
		72.5°	519.5	328.8
		75°	349.5	272.4
		77.5°	204.1	181.1
		80°	72.3	63.5
		82.5°	13.5	9.5
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1049437
CATALOG NUMBER: GALN-SA4A-950-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	0.0	0.0
115°	0.0	0.0
117.5°	0.0	0.0
120°	0.0	0.0
122.5°	0.0	0.0
125°	0.0	0.0
127.5°	0.0	0.0
130°	0.0	0.0
132.5°	0.0	0.0
135°	0.0	0.0
137.5°	0.0	0.0
140°	0.0	0.0
142.5°	0.0	0.0
145°	0.0	0.0
147.5°	0.0	0.0
150°	0.0	0.0
152.5°	0.0	0.0
155°	0.0	0.0
157.5°	0.0	0.0
160°	0.0	0.0
162.5°	0.0	0.0
165°	0.0	0.0
167.5°	0.0	0.0
170°	0.0	0.0
172.5°	0.0	0.0
175°	0.0	0.0
177.5°	0.0	0.0
180°	0.0	0.0

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

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-17

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-950-U-5WQ

Data in this report applies to families of products including GSS-SB1A-950-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

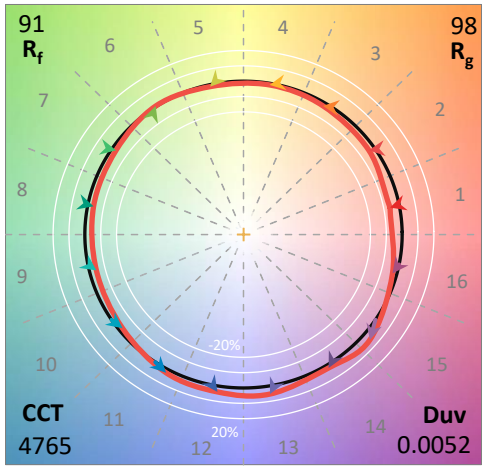
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-17
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	10/15/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GSS-SB1A-950-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4765
CIE u':	0.2105
CIE v':	0.4941
Duv:	0.0052
CIE x:	0.3536
CIE y:	0.3689
CIE z:	0.2775
Peak Wavelength (nm):	449
Dominant Wavelength (nm):	571
Purity:	16.80041
Rf:	90.7
Rg:	98

CRI (Ra):	90.8
R1:	89.8
R2:	93.1
R3:	95.3
R4:	90.3
R5:	89.0
R6:	89.7
R7:	94.9
R8:	84.0
R9:	54.9
R10:	83.0
R11:	89.6
R12:	68.0
R13:	90.6
R14:	97.3
R15:	86.2



Test Conditions

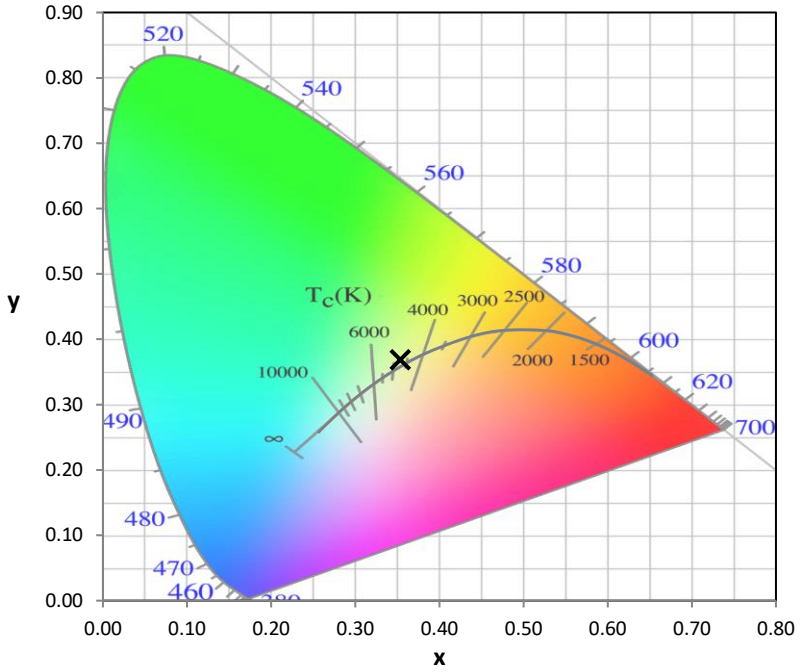
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-17

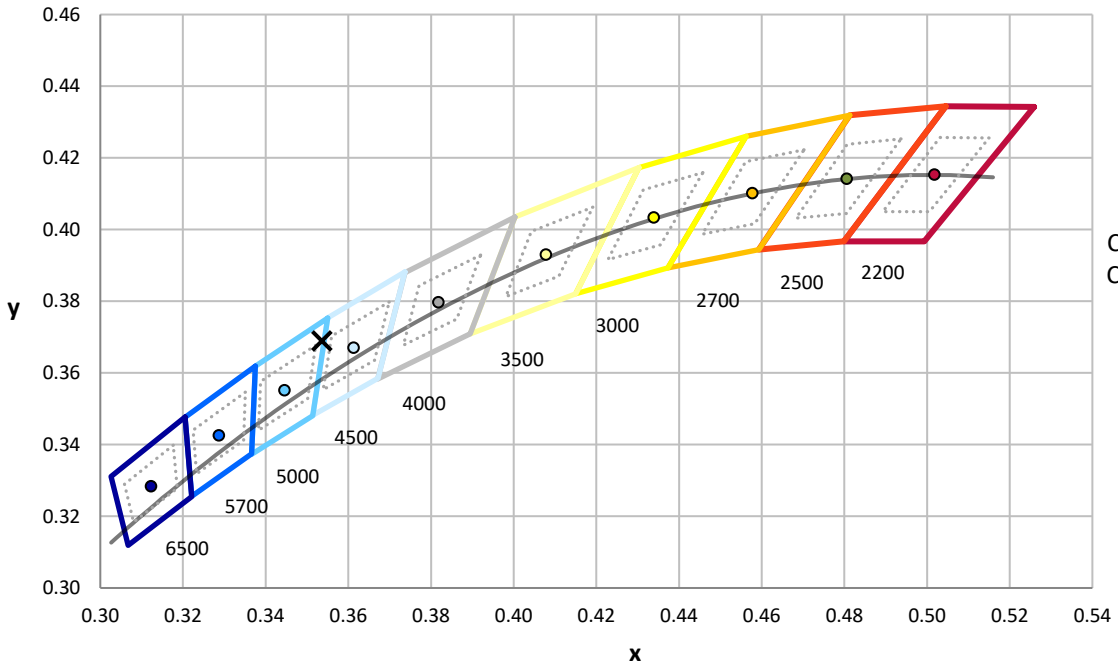
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-17

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



CCT = 4765K
CIE x = 0.3536
CIE y = 0.3689
Duv = 0.0052

Point lies inside the ANSI 5000K 7-step quadrangle

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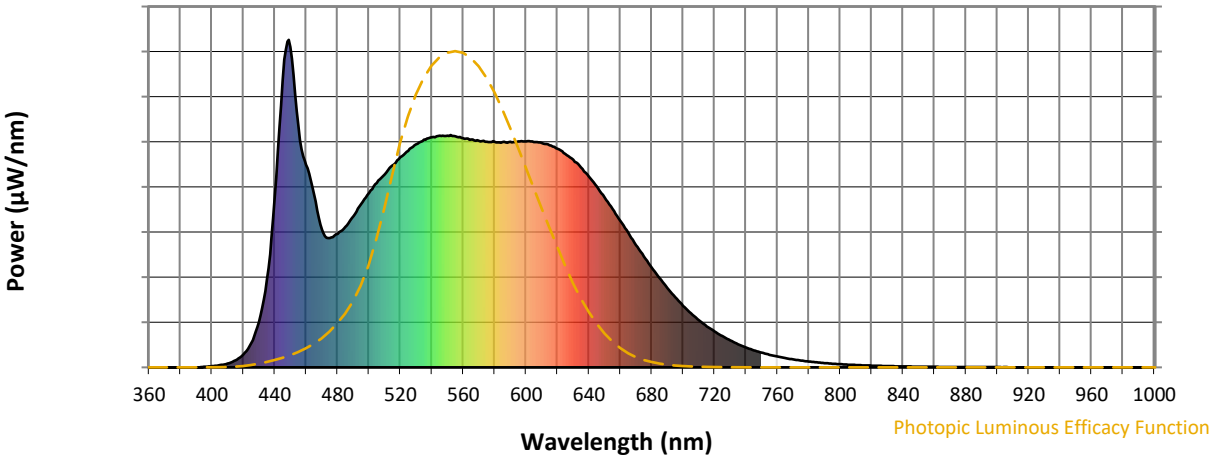
Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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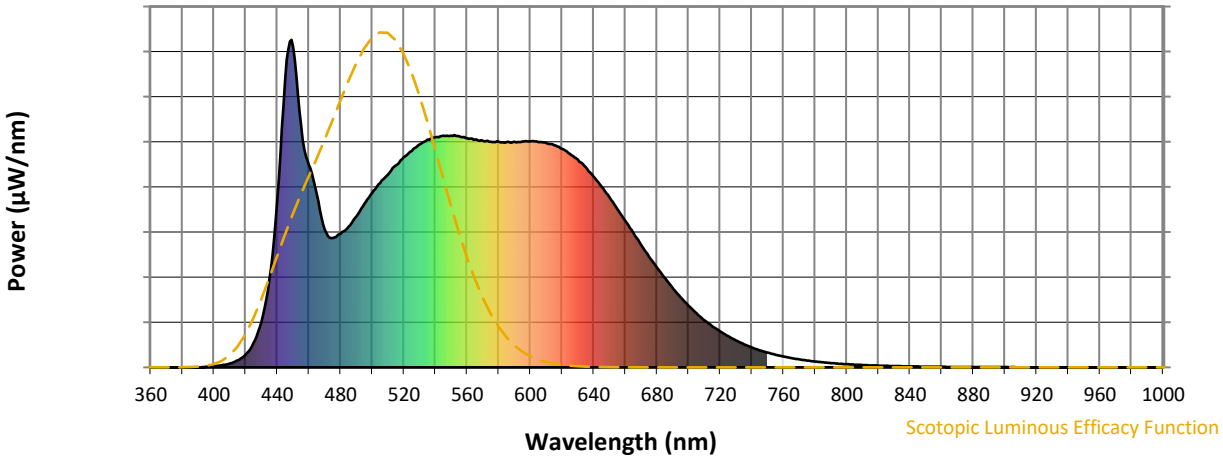
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.99**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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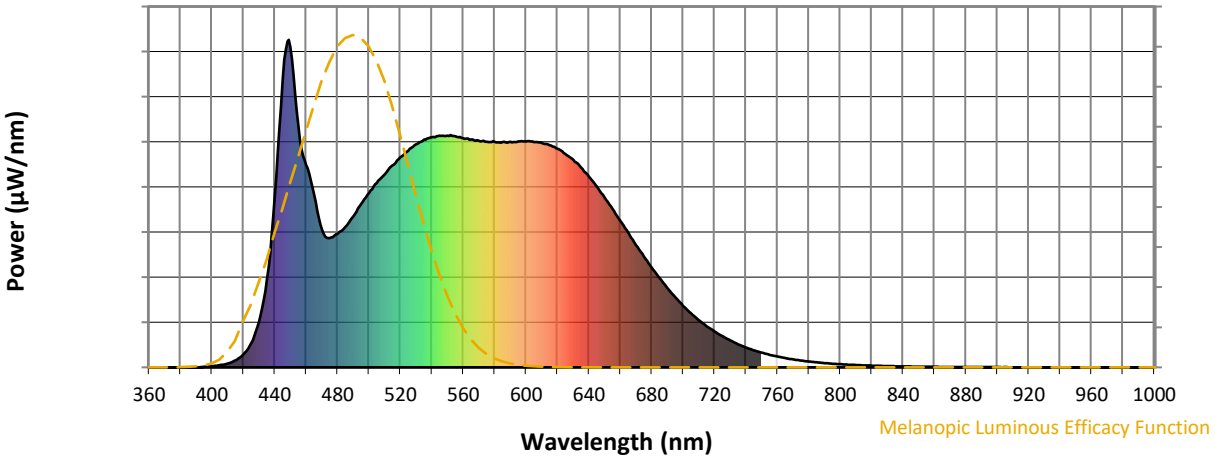
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 4.22**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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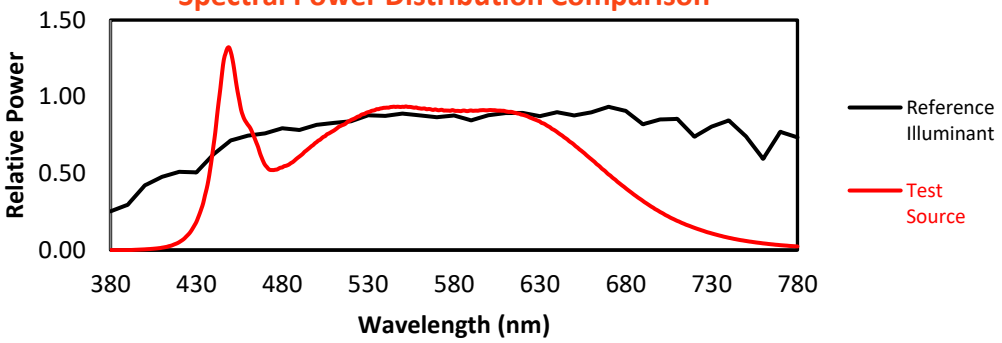
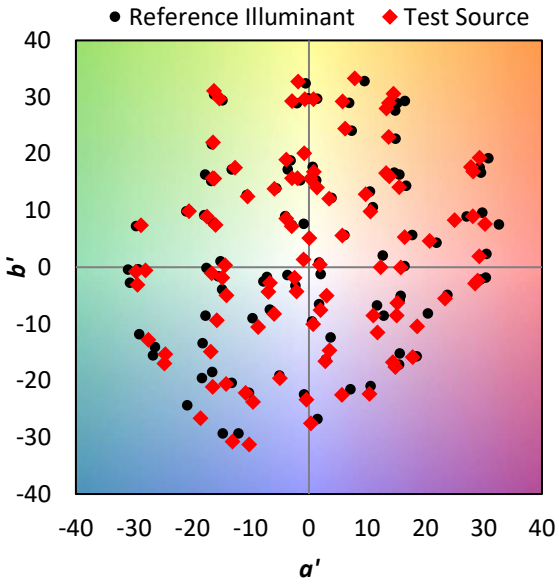
Summary

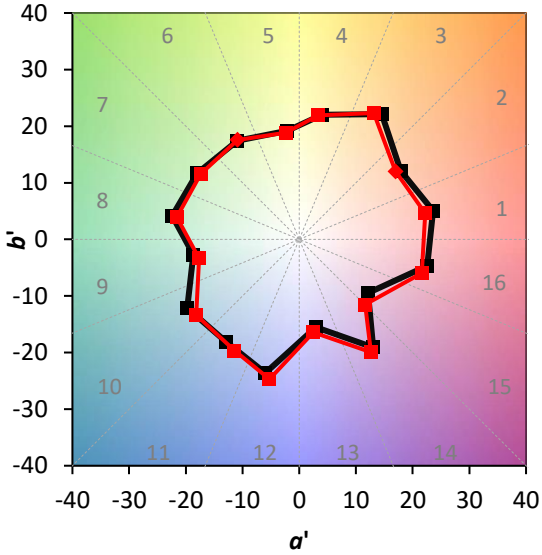
R_f = 90.7
R_g = 98
CIE R_a = 90.8
R_9 = 54.9

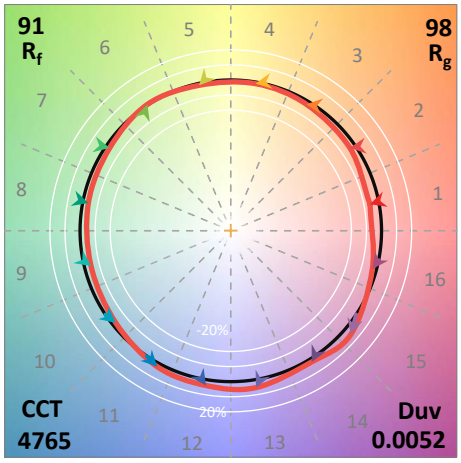
Spectral Power Distribution Comparison

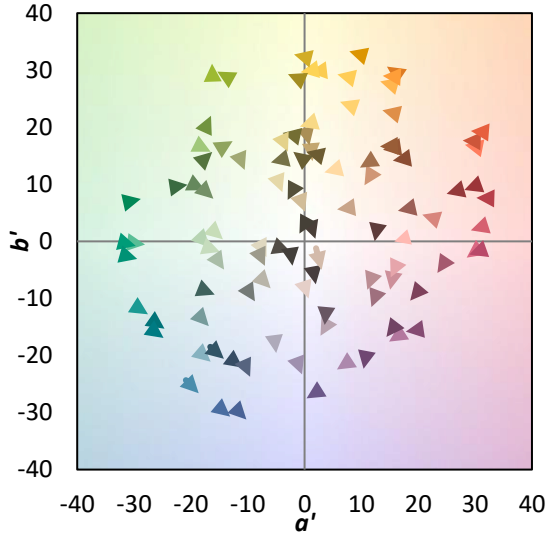


Color Vector Graphics









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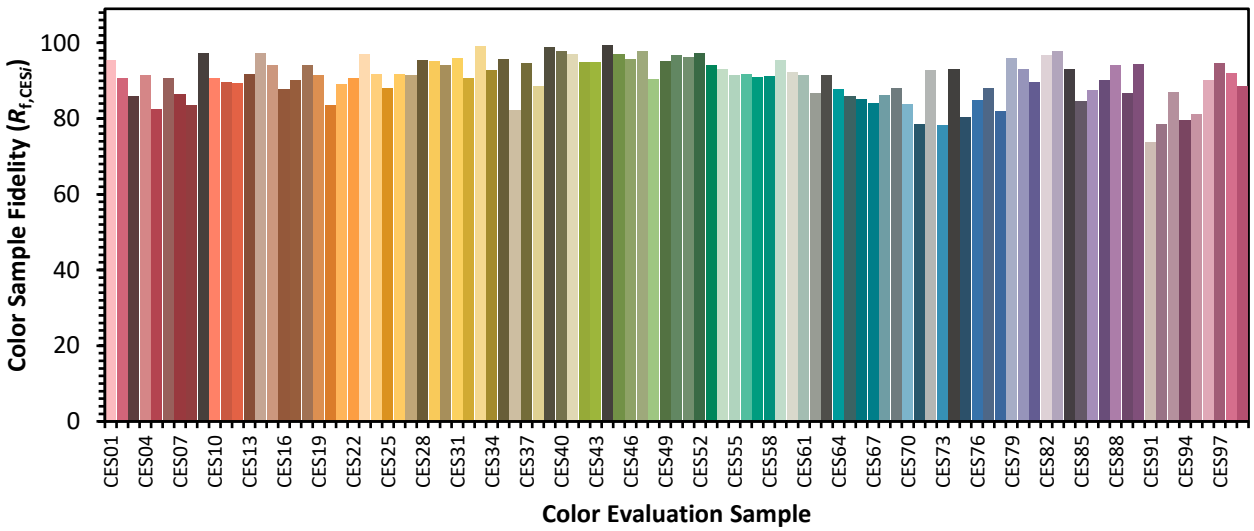
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82 = 97
CES08 = 40	CES33 = 99	CES58 = 91	CES83 = 98
CES09 = 29	CES34 = 93	CES59 = 95	CES84 = 93
CES10 = 73	CES35 = 96	CES60 = 92	CES85 = 85
CES11 = 56	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 62	CES37 = 95	CES62 = 87	CES87 = 90
CES13 = 42	CES38 = 89	CES63 = 91	CES88 = 94
CES14 = 74	CES39 = 99	CES64 = 88	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 86	CES90 = 94
CES16 = 46	CES41 = 97	CES66 = 85	CES91 = 74
CES17 = 48	CES42 = 95	CES67 = 84	CES92 = 78
CES18 = 56	CES43 = 95	CES68 = 86	CES93 = 87
CES19 = 70	CES44 = 100	CES69 = 88	CES94 = 80
CES20 = 65	CES45 = 97	CES70 = 84	CES95 = 81
CES21 = 85	CES46 = 96	CES71 = 79	CES96 = 90
CES22 = 77	CES47 = 98	CES72 = 93	CES97 = 95
CES23 = 91	CES48 = 90	CES73 = 78	CES98 = 92
CES24 = 90	CES49 = 95	CES74 = 93	CES99 = 88
CES25 = 70	CES50 = 97	CES75 = 80	



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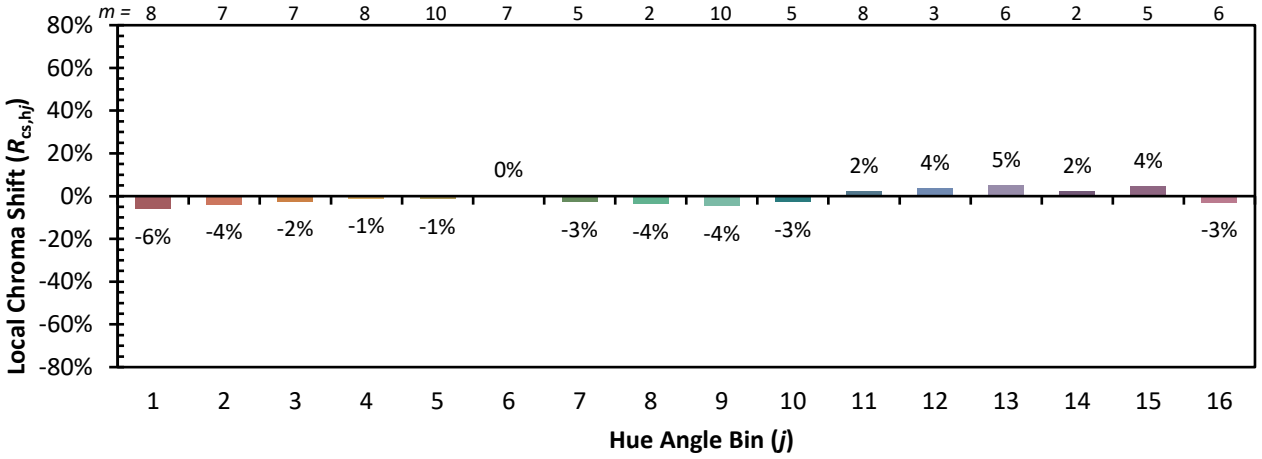
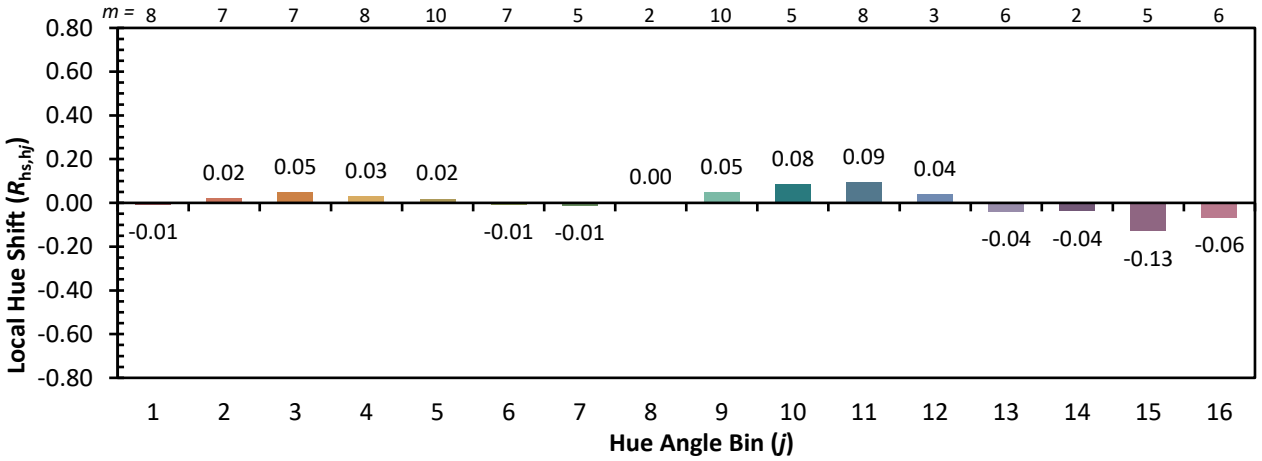
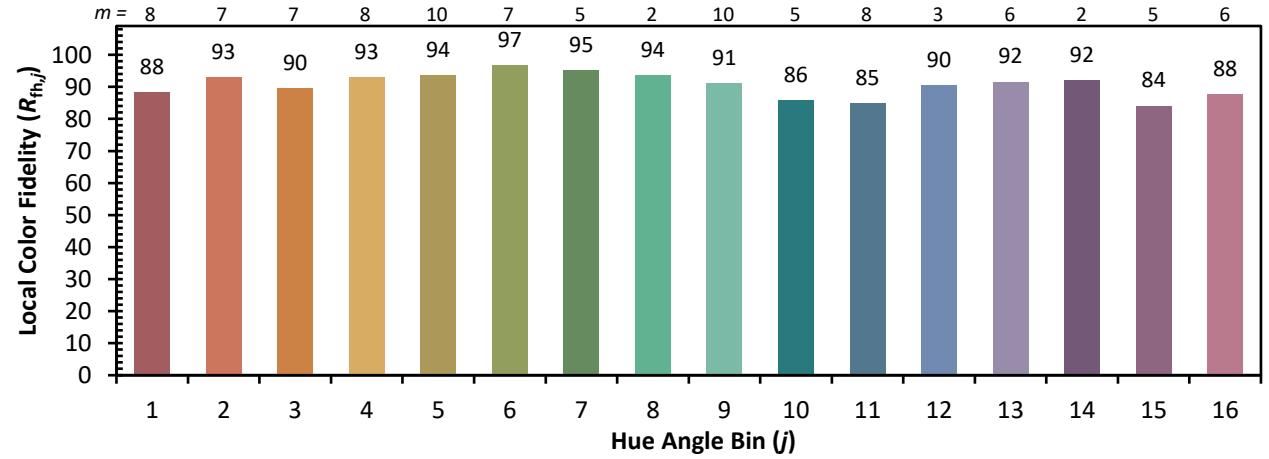
Color Rendition by Hue-Angle Bin







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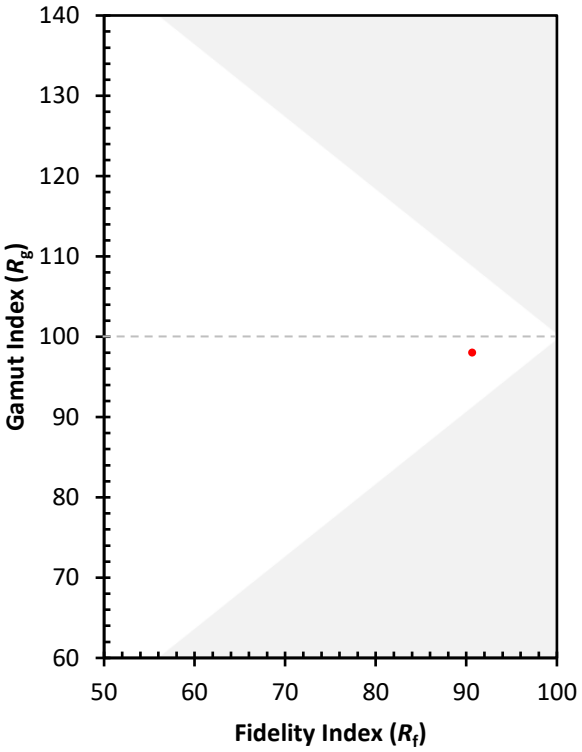
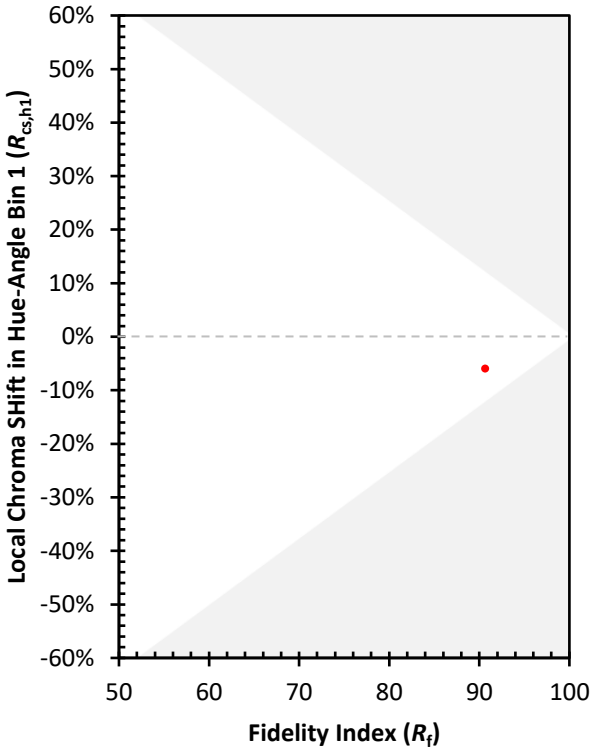
Measure Comparisons





(END OF REPORT)