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: STREETWORKS

Report Number: P1057674

Luminaire Tested: **GAP-SA2C-735-U-RBC**

Issue Date: 08/07/2025

Report Generated By 670347003

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

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1057674
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	08/07/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	GAP-SA2C-735-U-RBC
Description:	GALLEON PEDESTRAIAN COMPANION 1050mA 2xLight Square PACKAGE 70CRI 3500K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source:	(28) 3500K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9258.6 lumens
Efficiency:	N/A
Efficacy:	97.6 lumens/watt
Luminous Opening:	Rectangular (W 1.33' x L: 0.67' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G2

Input Watts (W):	94.9
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:	28.75 FT

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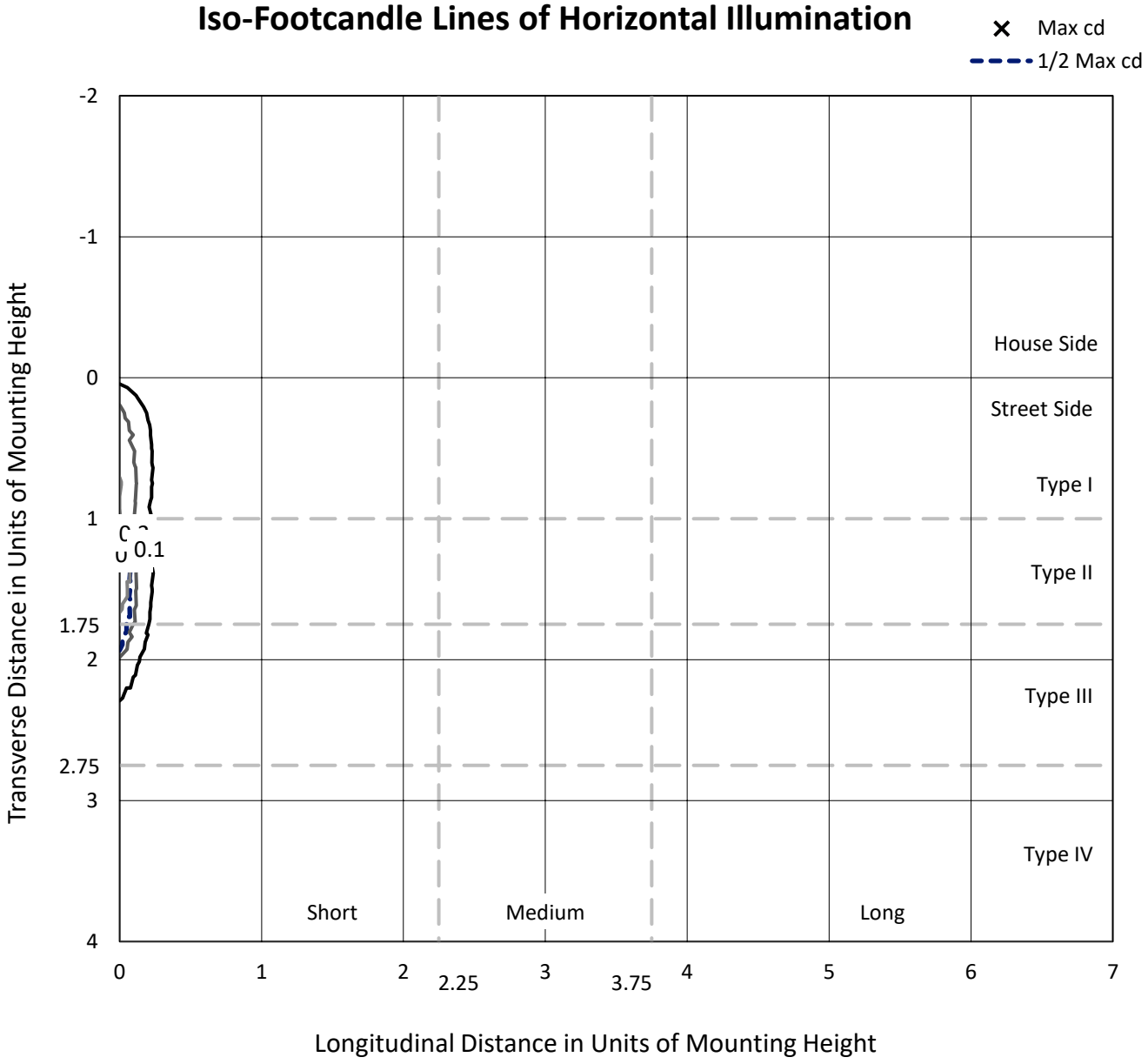
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 1.1 fc
Type III - Short - N/A

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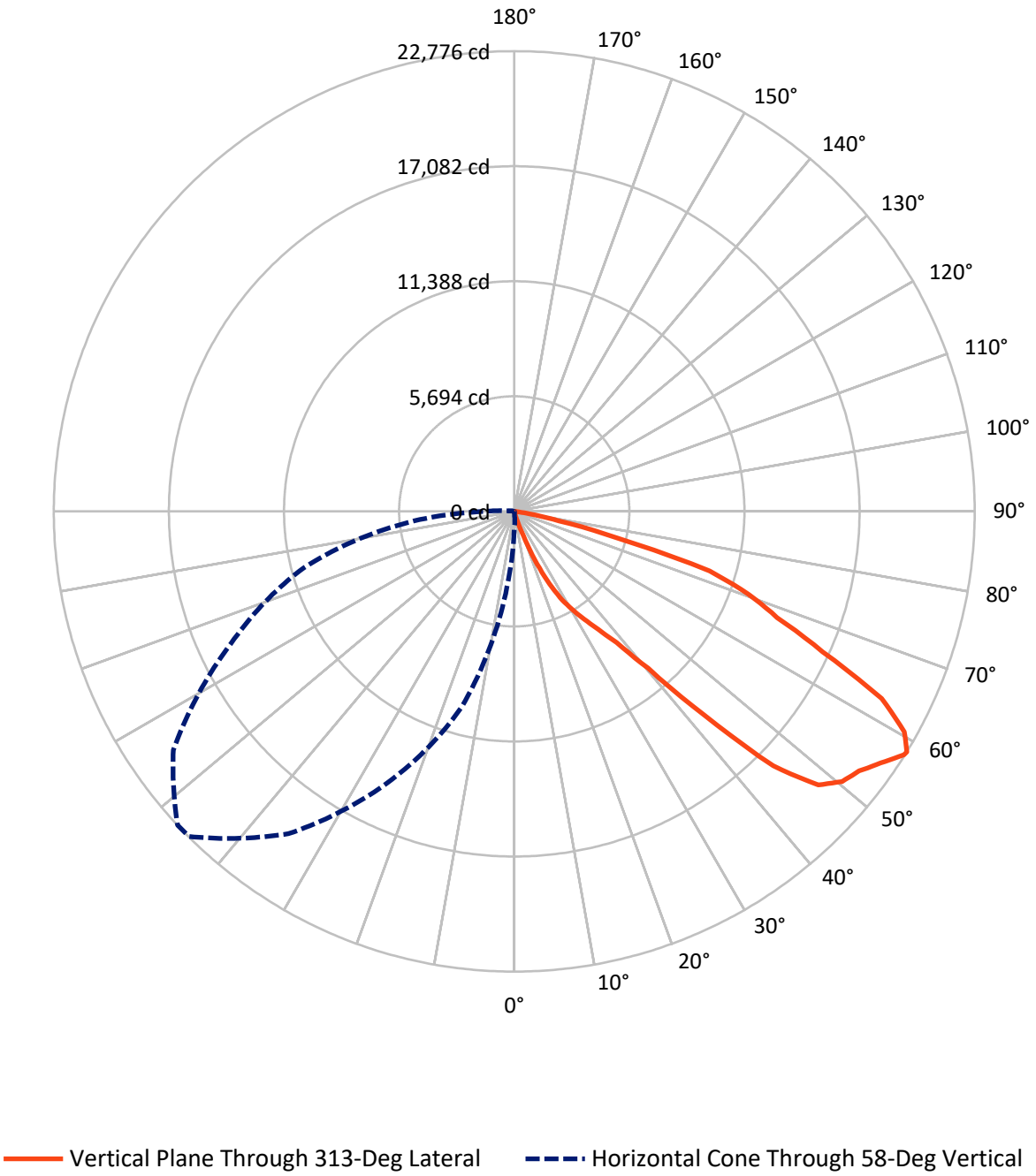
Luminous Intensity Polar Plot



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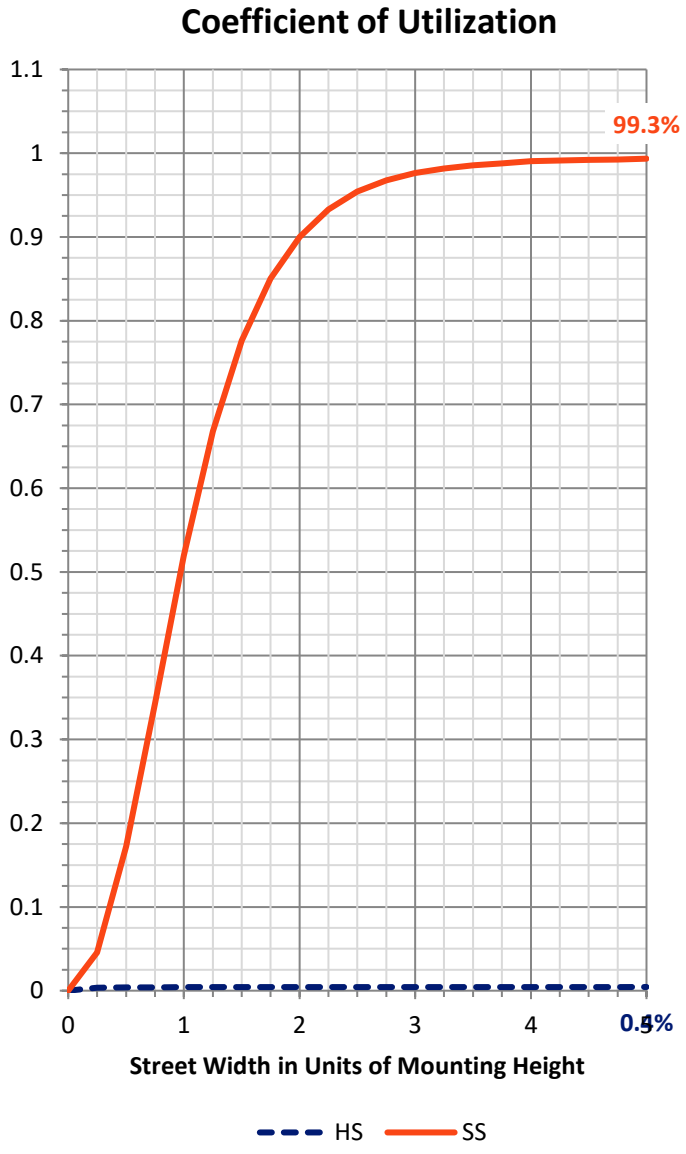
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	41.4	0.0	41.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	9217.2	0.0	9217.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	9258.6	0.0	9258.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.3	0.0
10°-20°	16.1	0.2
20°-30°	233.8	2.5
30°-40°	672.2	7.3
40°-50°	1914.8	20.7
50°-60°	3011.8	32.5
60°-70°	2568.4	27.7
70°-80°	819.3	8.8
80°-90°	20.9	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°	9258.6	100.0
0°-180°	9258.6	100.0



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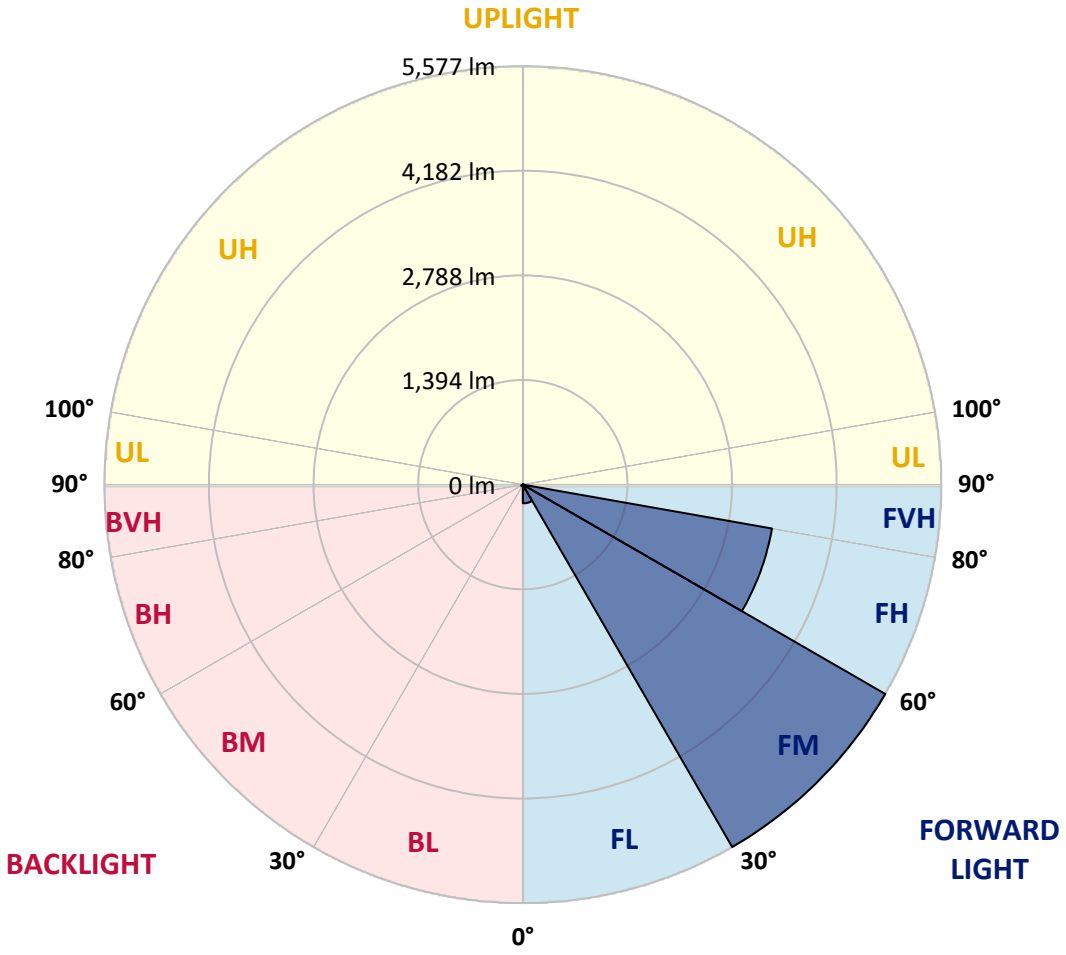
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	249.6	2.7			
FM	(30°-60°)	5576.6	60.2			
FH	(60°-80°)	3371.3	36.4			G2/5000
FVH	(80°-90°)	19.7	0.2			G1/100
BL	(0°-30°)	1.7	0.0	B0/110		
BM	(30°-60°)	22.2	0.2	B0/220		
BH	(60°-80°)	16.5	0.2	B0/110		G0/110
BVH	(80°-90°)	1.1	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°	5°	15°	25°	35°	45°	47°	55°	65°	75°	85°
0°	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
2.5°	33.4	35.2	37.1	35.2	31.5	24.1	24.1	18.5	13.0	7.4	5.6
5°	37.1	37.1	37.1	35.2	31.5	24.1	22.2	16.7	11.1	7.4	3.7
7.5°	40.8	40.8	38.9	35.2	29.6	24.1	22.2	16.7	11.1	5.6	0.0
10°	44.5	44.5	40.8	37.1	29.6	22.2	20.4	14.8	9.3	3.7	0.0
12.5°	50.0	48.2	42.6	37.1	29.6	20.4	20.4	14.8	7.4	1.9	0.0
15°	57.4	51.9	44.5	37.1	27.8	20.4	18.5	13.0	5.6	0.0	0.0
17.5°	63.0	57.4	46.3	35.2	25.9	18.5	16.7	11.1	5.6	0.0	0.0
20°	68.6	59.3	46.3	35.2	25.9	16.7	14.8	9.3	1.9	0.0	0.0
22.5°	77.8	63.0	46.3	35.2	24.1	14.8	13.0	7.4	0.0	0.0	0.0
25°	96.4	66.7	46.3	33.4	22.2	13.0	11.1	3.7	0.0	0.0	0.0
27.5°	118.6	72.3	46.3	31.5	20.4	11.1	9.3	1.9	0.0	0.0	0.0
30°	142.7	77.8	46.3	31.5	18.5	9.3	7.4	0.0	0.0	0.0	0.0
32.5°	168.6	85.2	46.3	29.6	16.7	7.4	5.6	0.0	0.0	0.0	0.0
35°	216.8	96.4	46.3	29.6	14.8	5.6	3.7	0.0	0.0	0.0	0.0
37.5°	239.0	111.2	46.3	27.8	14.8	3.7	1.9	0.0	0.0	0.0	0.0
40°	248.3	107.5	44.5	27.8	13.0	1.9	0.0	0.0	0.0	0.0	0.0
42.5°	268.7	100.1	46.3	25.9	13.0	1.9	0.0	0.0	0.0	0.0	0.0
45°	328.0	100.1	50.0	25.9	11.1	3.7	0.0	0.0	0.0	0.0	0.0
47.5°	568.8	103.8	48.2	25.9	11.1	3.7	0.0	0.0	0.0	0.0	0.0
50°	935.7	122.3	46.3	27.8	13.0	1.9	0.0	0.0	0.0	0.0	0.0
52.5°	1085.8	148.2	46.3	29.6	16.7	0.0	0.0	0.0	0.0	0.0	0.0
55°	1041.3	181.6	46.3	31.5	20.4	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	946.8	172.3	50.0	37.1	25.9	0.0	0.0	0.0	0.0	0.0	0.0
58°	*911.6*	*172.3*	*50.0*	*37.1*	*25.9*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	715.2	176.0	57.4	40.8	27.8	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	531.8	179.7	64.9	46.3	27.8	1.9	0.0	0.0	0.0	0.0	0.0
65°	394.7	187.1	68.6	53.7	25.9	3.7	0.0	0.0	0.0	0.0	0.0
67.5°	315.0	192.7	74.1	59.3	29.6	7.4	1.9	0.0	0.0	0.0	0.0
70°	270.5	185.3	79.7	61.1	27.8	11.1	5.6	0.0	0.0	0.0	0.0
72.5°	240.9	174.2	90.8	59.3	29.6	11.1	5.6	0.0	0.0	0.0	0.0
75°	216.8	159.4	103.8	57.4	29.6	11.1	7.4	0.0	0.0	0.0	0.0
77.5°	163.1	139.0	101.9	55.6	27.8	11.1	7.4	0.0	0.0	0.0	0.0
80°	81.5	92.6	88.9	50.0	22.2	9.3	7.4	1.9	0.0	0.0	0.0
82.5°	33.4	35.2	44.5	37.1	18.5	7.4	7.4	1.9	0.0	0.0	0.0
85°	3.7	7.4	13.0	14.8	13.0	7.4	7.4	1.9	0.0	0.0	0.0
87.5°	0.0	1.9	7.4	11.1	9.3	5.6	3.7	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	0.0

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
2.5°	3.7	3.7	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
5°	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.5°	0.0	0.0	0.0	0.0	0.0	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
58°	*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	0.0
70°	0.0	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	0.0
75°	0.0	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	0.0
80°	0.0	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	0.0
85°	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	0.0	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	0.0

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CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
2.5°	1.9	3.7	3.7	3.7	5.6	5.6	7.4	9.3	9.3	9.3	11.1
5°	0.0	0.0	1.9	1.9	3.7	5.6	7.4	11.1	13.0	13.0	14.8
7.5°	0.0	0.0	0.0	1.9	3.7	5.6	7.4	11.1	14.8	16.7	18.5
10°	0.0	0.0	0.0	0.0	1.9	3.7	7.4	13.0	18.5	22.2	25.9
12.5°	0.0	0.0	0.0	0.0	0.0	1.9	7.4	14.8	22.2	27.8	31.5
15°	0.0	0.0	0.0	0.0	0.0	1.9	7.4	14.8	27.8	33.4	40.8
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	7.4	16.7	31.5	40.8	55.6
20°	0.0	0.0	0.0	0.0	0.0	0.0	5.6	16.7	35.2	50.0	83.4
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.6	16.7	38.9	64.9	153.8
25°	0.0	0.0	0.0	0.0	0.0	0.0	3.7	16.7	44.5	96.4	255.7
27.5°	0.0	0.0	0.0	0.0	0.0	0.0	3.7	18.5	53.7	135.3	374.3
30°	0.0	0.0	0.0	0.0	0.0	0.0	3.7	18.5	66.7	183.4	522.5
32.5°	0.0	0.0	0.0	0.0	0.0	0.0	1.9	18.5	77.8	231.6	711.5
35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.7	92.6	307.6	893.1
37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.7	114.9	339.1	1046.9
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.8	109.3	368.7	1222.9
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.7	100.1	411.4	1499.0
45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.7	100.1	544.8	2110.5
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.8	122.3	848.6	3225.9
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.1	157.5	1302.6	4593.4
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3	190.9	1602.8	5386.5
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3	229.8	1604.6	5360.5
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.1	255.7	1436.0	4838.0
58°	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*13.0*	*253.9*	*1389.7*	*4693.5*
60°	0.0	0.0	0.0	0.0	0.0	0.0	1.9	18.5	222.4	1206.3	4096.8
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	7.4	29.6	194.6	865.3	3396.4
65°	0.0	0.0	0.0	0.0	0.0	0.0	14.8	33.4	177.9	628.1	2549.6
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	18.5	38.9	170.5	444.7	1773.3
70°	0.0	0.0	0.0	0.0	0.0	0.0	22.2	44.5	157.5	318.7	1167.3
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	22.2	55.6	148.2	250.1	704.1
75°	0.0	0.0	0.0	0.0	0.0	0.0	22.2	70.4	129.7	203.8	378.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	22.2	76.0	107.5	148.2	229.8
80°	0.0	0.0	0.0	0.0	0.0	0.0	20.4	68.6	77.8	64.9	77.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	11.1	40.8	16.7	16.7	25.9
85°	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	0.0	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	0.0

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

Scaled Data Report

REPORT NUMBER: P1057674
CATALOG NUMBER: GAP-SA2C-735-U-RBC

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	313°	315°	325°	335°	345°	355°	360°
0°	13.0	13.0	13.0	*13.0*	13.0	13.0	13.0	13.0	13.0	13.0
2.5°	13.0	13.0	13.0	*13.0*	14.8	14.8	20.4	25.9	31.5	33.4
5°	16.7	18.5	20.4	*20.4*	20.4	22.2	25.9	29.6	35.2	37.1
7.5°	24.1	25.9	29.6	*29.6*	29.6	31.5	33.4	37.1	40.8	40.8
10°	31.5	37.1	38.9	*40.8*	42.6	42.6	42.6	44.5	46.3	44.5
12.5°	42.6	50.0	59.3	*61.1*	61.1	61.1	59.3	55.6	51.9	50.0
15°	59.3	81.5	111.2	*122.3*	116.7	103.8	90.8	70.4	61.1	57.4
17.5°	109.3	222.4	403.9	*446.6*	437.3	376.1	220.5	107.5	72.3	63.0
20°	294.6	718.9	1185.9	*1298.9*	1358.2	1124.7	650.4	250.1	88.9	68.6
22.5°	635.6	1493.5	2314.3	*2607.1*	2625.6	2112.3	1265.6	507.7	127.9	77.8
25°	1022.8	2388.4	3507.6	*3791.1*	3796.7	3255.6	2023.4	822.7	194.6	96.4
27.5°	1567.6	3348.2	4600.8	*4836.1*	4832.4	4284.0	2923.9	1256.3	272.4	118.6
30°	2125.3	4096.8	5321.6	*5614.4*	5642.2	4986.2	3676.2	1769.5	355.8	142.7
32.5°	2677.5	4650.9	5979.4	*6368.5*	6344.4	5607.0	4200.6	2190.2	498.4	168.6
35°	3112.9	5123.3	6707.6	*7185.7*	7204.2	6288.8	4665.7	2597.8	620.7	216.8
37.5°	3485.4	5733.0	7676.7	*8228.9*	8252.9	7137.5	5153.0	2998.0	726.3	239.0
40°	3944.9	6733.5	9281.3	*10218.9*	10222.6	8719.9	6029.4	3446.4	869.0	248.3
42.5°	4977.0	8877.4	12416.5	*13763.6*	13880.3	12003.3	8021.3	4419.2	1093.2	268.7
45°	7041.1	11703.1	16415.1	*17966.0*	18114.2	16089.0	11436.3	6665.0	1586.1	328.0
47.5°	9496.3	14160.1	18738.7	*20232.1*	20330.3	18021.6	13722.8	9262.8	2699.7	568.8
50°	11006.4	15069.9	19592.9	*21017.8*	21034.4	18657.1	14439.9	10611.7	3846.7	935.7
52.5°	11475.2	15186.6	19626.2	*21349.4*	21397.6	18583.0	14538.1	10884.1	4324.7	1085.8
55°	11284.3	15118.0	19978.3	*21983.1*	22035.0	18885.0	14471.4	10585.8	4100.5	1041.3
57.5°	10848.9	15384.9	20556.4	*22735.4*	22735.4	19442.8	14717.8	10085.5	3552.1	946.8
58°	*10784.0*	*15451.6*	*20587.9*	*22776.2*	*22759.5*	*19478.0*	*14819.7*	*10013.2*	*3431.6*	*911.6*
60°	10695.1	15657.2	20354.4	*22174.0*	22125.8	19229.7	15005.0	9948.4	2848.0	715.2
62.5°	10565.4	15194.0	18653.4	*20402.6*	20278.5	17489.8	14473.2	9568.5	2125.3	531.8
65°	9900.2	13483.8	15549.8	*16761.6*	16722.7	14388.0	12457.2	8571.6	1530.5	394.7
67.5°	8345.6	10556.1	12561.0	*14021.1*	14030.4	11745.7	9742.7	6850.3	1041.3	315.0
70°	5870.1	7786.0	10678.4	*12303.4*	12377.6	9852.0	7217.2	4565.6	687.4	270.5
72.5°	3505.7	5881.2	8879.2	*10113.3*	10074.4	8175.1	5355.0	2722.0	418.8	240.9
75°	1699.1	3515.0	4487.8	*5204.9*	5175.2	4089.4	2853.5	1334.1	305.7	216.8
77.5°	461.4	1080.3	1738.0	*2260.6*	2321.7	1638.0	935.7	357.6	190.9	163.1
80°	155.6	333.5	567.0	*770.8*	791.2	707.8	352.1	126.0	83.4	81.5
82.5°	59.3	81.5	103.8	*92.6*	92.6	96.4	76.0	53.7	38.9	33.4
85°	0.0	0.0	1.9	*3.7*	3.7	5.6	5.6	5.6	3.7	3.7
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

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: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

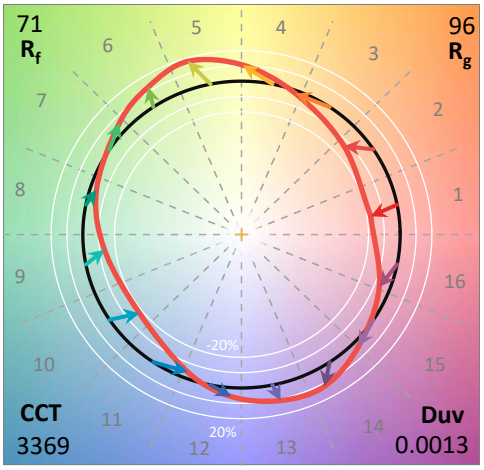
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-5
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-735-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3369
CIE u':	0.2386
CIE v':	0.5156
Duv:	0.0013
CIE x:	0.4143
CIE y:	0.3980
CIE z:	0.1877
Peak Wavelength (nm):	590
Dominant Wavelength (nm):	580
Purity:	43.80166
Rf:	71.4
Rg:	96

CRI (Ra):	70.1
R1:	66.6
R2:	77.6
R3:	88.5
R4:	69.5
R5:	66.4
R6:	69.6
R7:	77.5
R8:	44.9
R9:	-40.2
R10:	49.1
R11:	66.3
R12:	45.7
R13:	68.0
R14:	93.4
R15:	57.6



Test Conditions

Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-5

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

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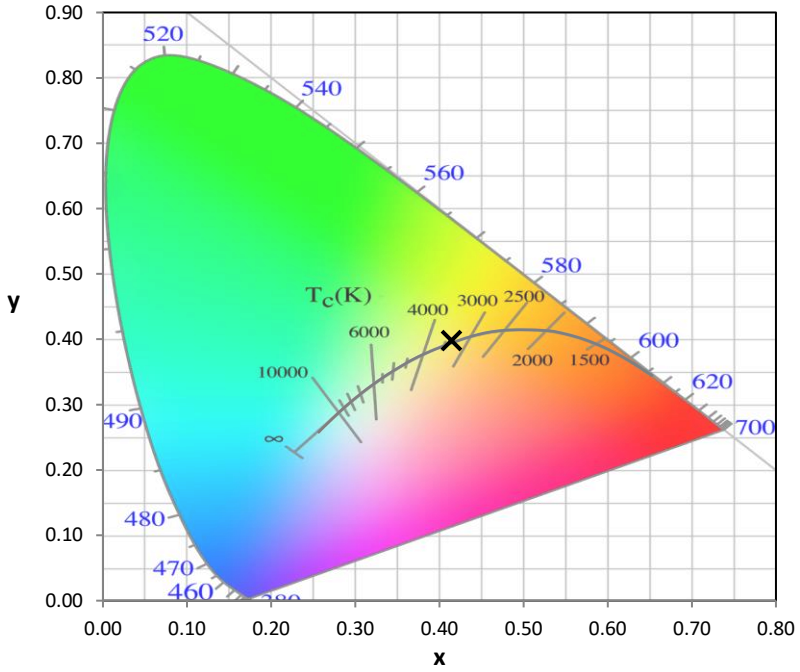
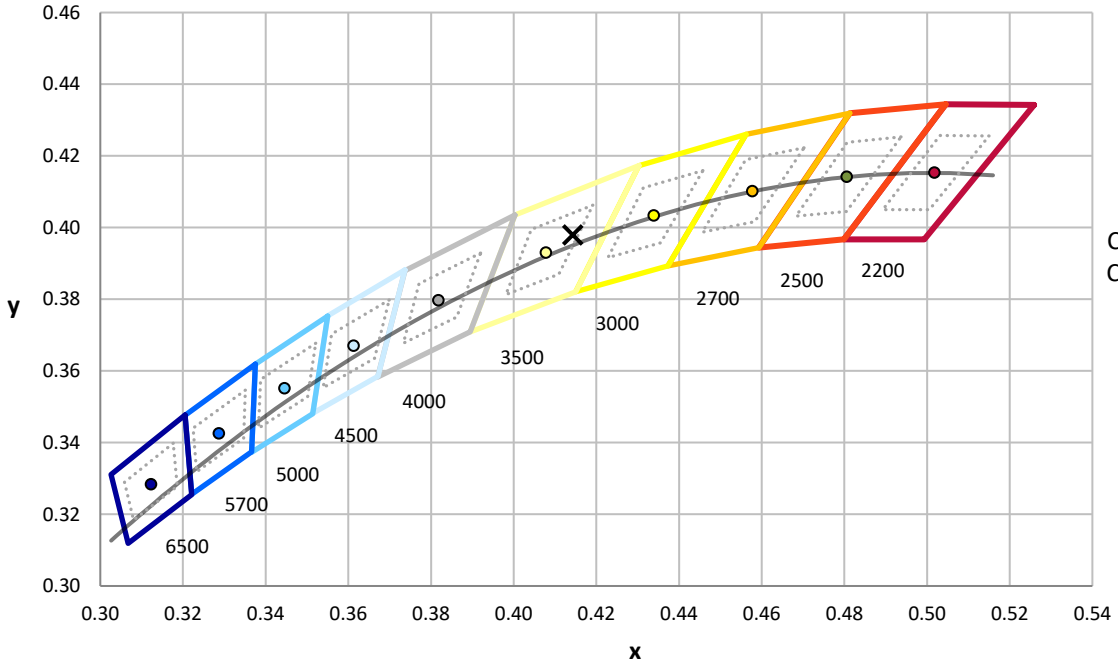
CIE 1931 Chromaticity Diagram



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

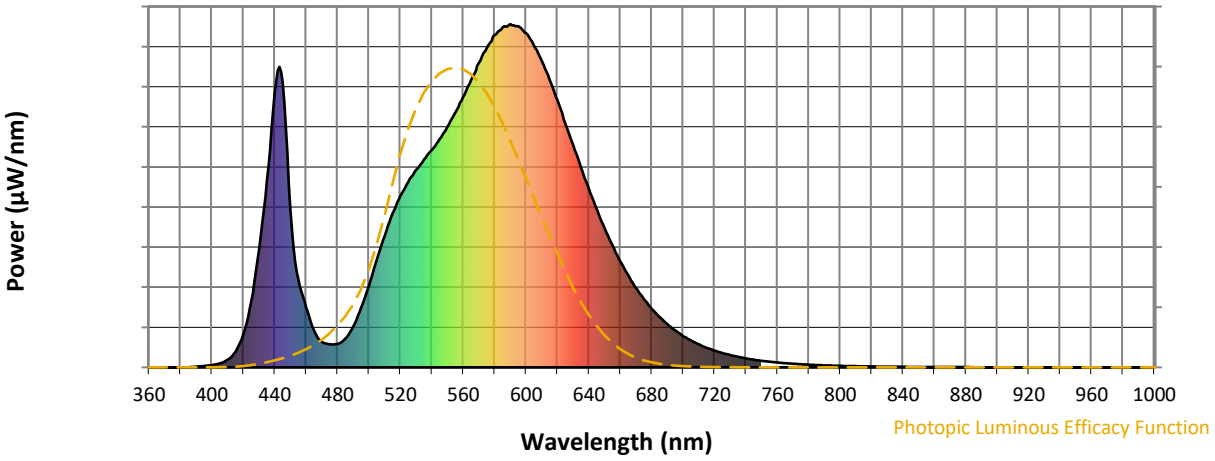


CCT = 3369K
CIE x = 0.4143
CIE y = 0.3980
Duv = 0.0013

Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

Photopic Flux vs. Wavelength

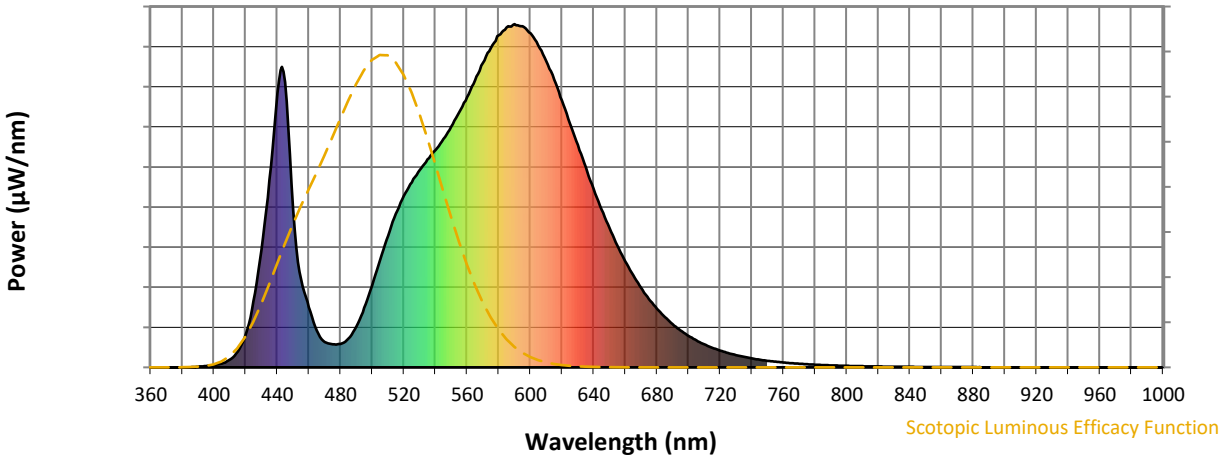


Photopic Lumens: NR

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

Scotopic Flux vs. Wavelength

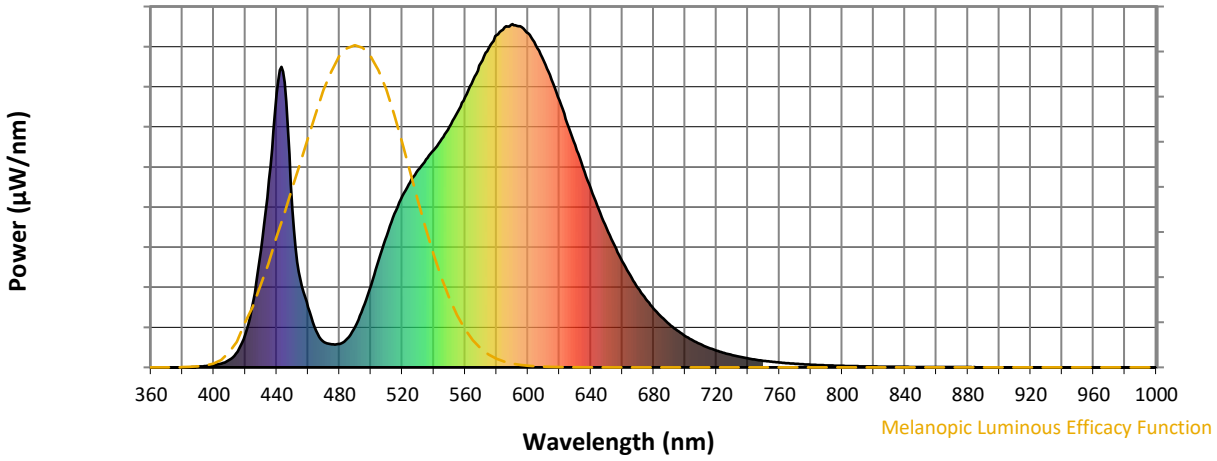


Scotopic Lumens: NR **S/P: 1.29**

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.36**

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

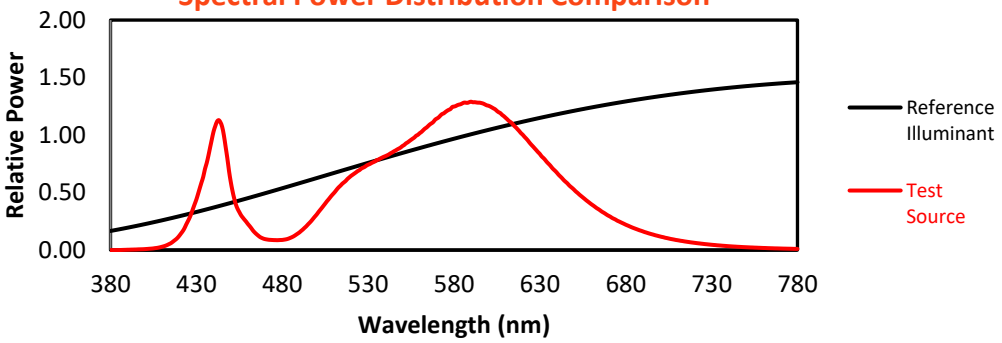
REPORT NUMBER: SP1-2407-184-5

TM-30-18

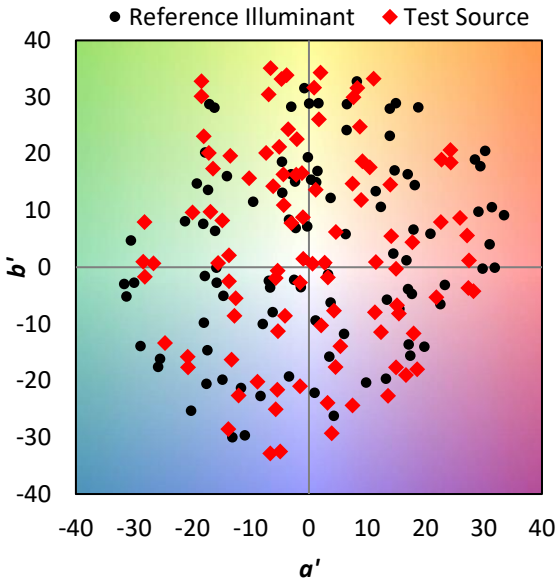
Summary

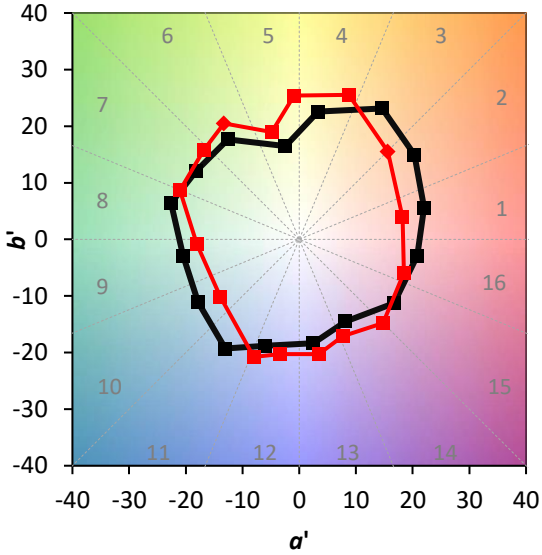
R_f = 71.4
R_g = 96
CIE R_a = 70.1
R_9 = -40.2

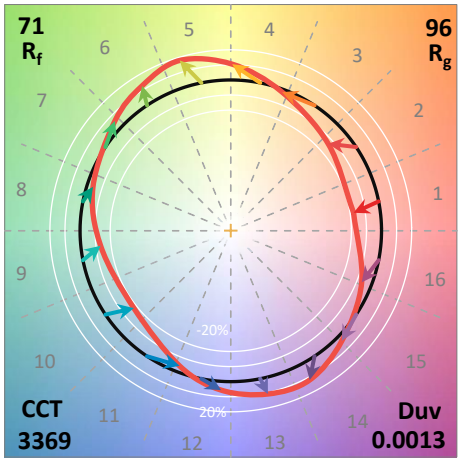
Spectral Power Distribution Comparison

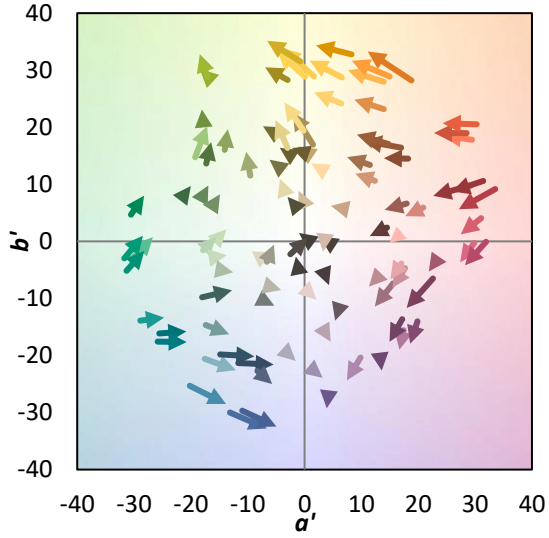


Color Vector Graphics







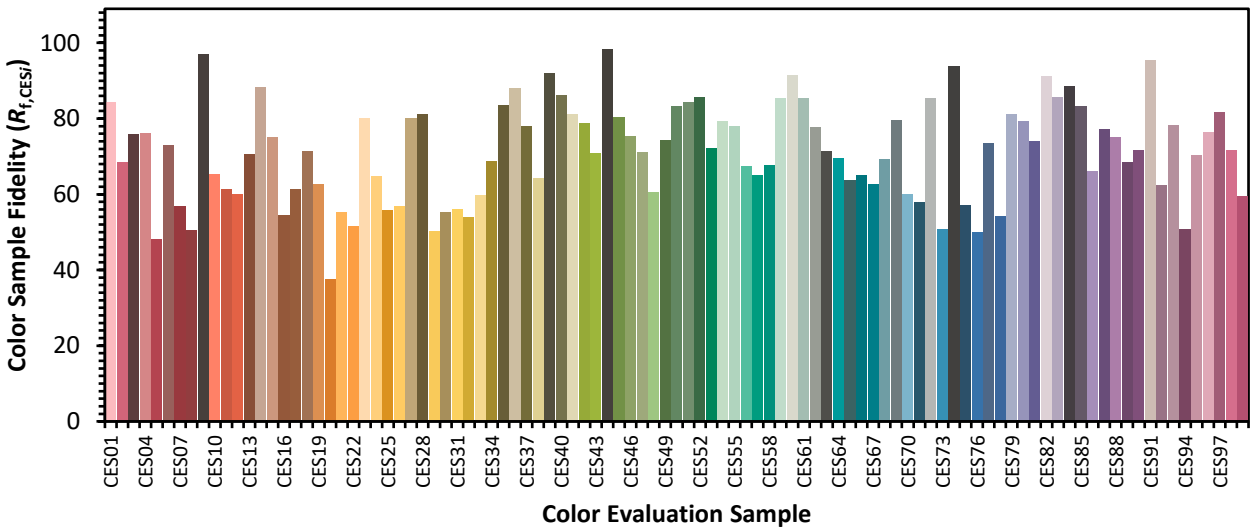


REPORT NUMBER: SP1-2407-184-5

TM-30-18

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

CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	



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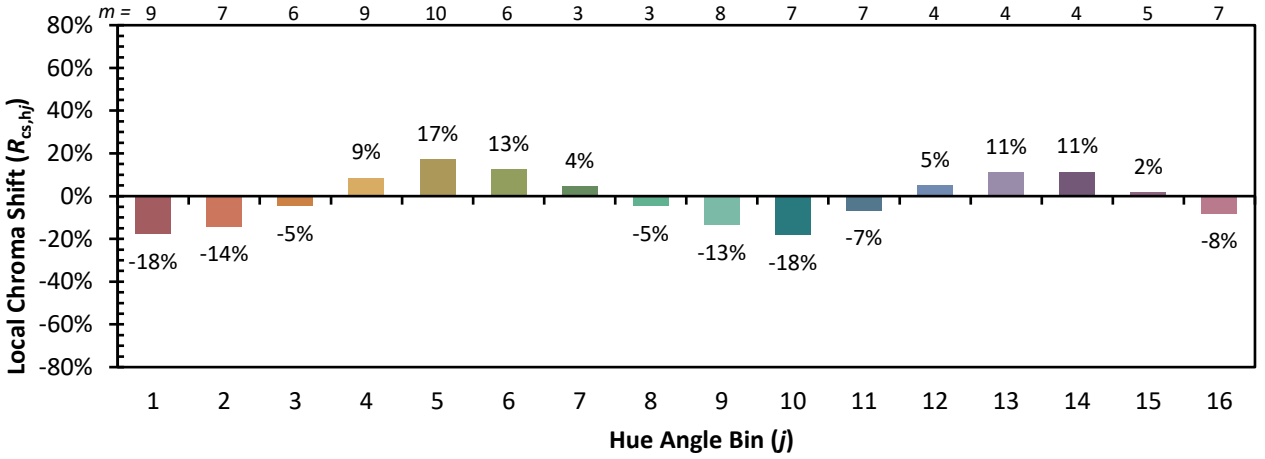
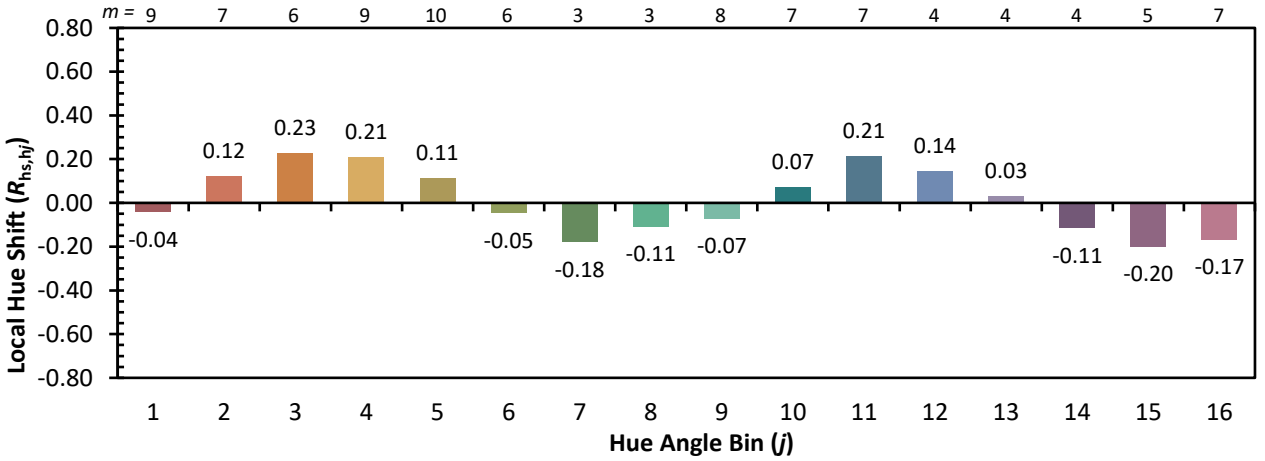
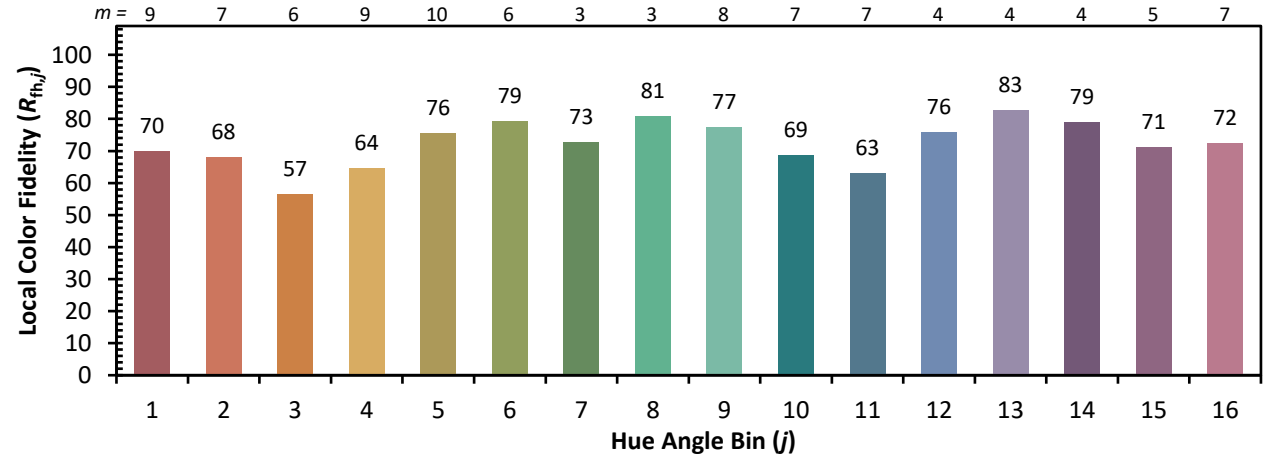
Color Rendition by Hue-Angle Bin







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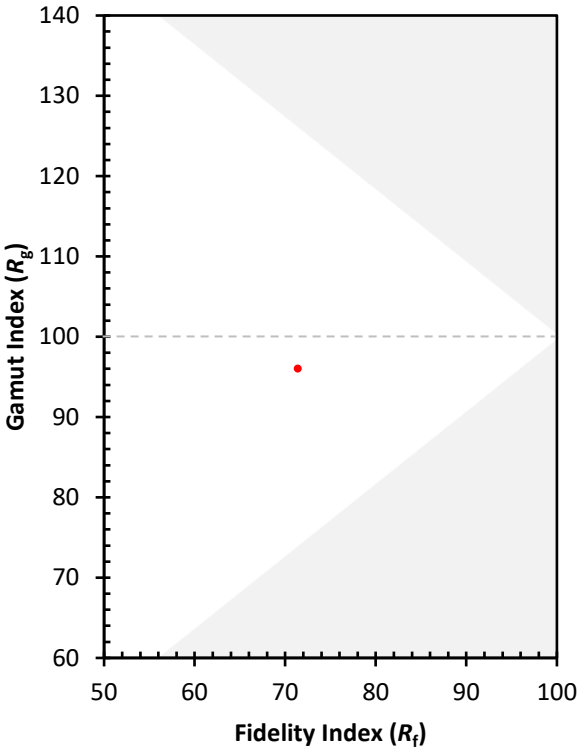
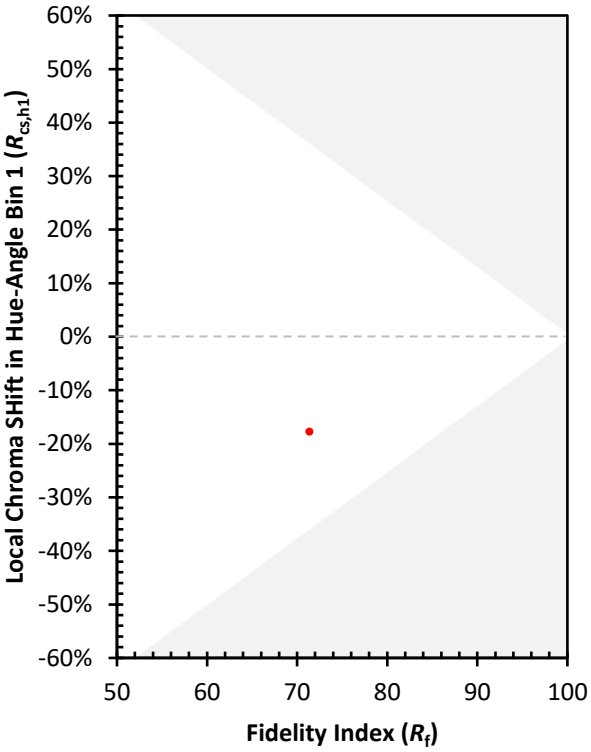
Measure Comparisons





(END OF REPORT)