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: P991263

Luminaire Tested: **GPC-SA2A-740-U-RBC**

Issue Date: 07/03/2025

Report Generated By 670245763

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P991263
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	07/03/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SA2A-740-U-RBC
Description:	GALLEON PEDESTRAIAN COMPANION 615mA 2xLight Square PACKAGE 70CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source:	(28) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6181.9 lumens
Efficiency:	N/A
Efficacy:	111.2 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):	55.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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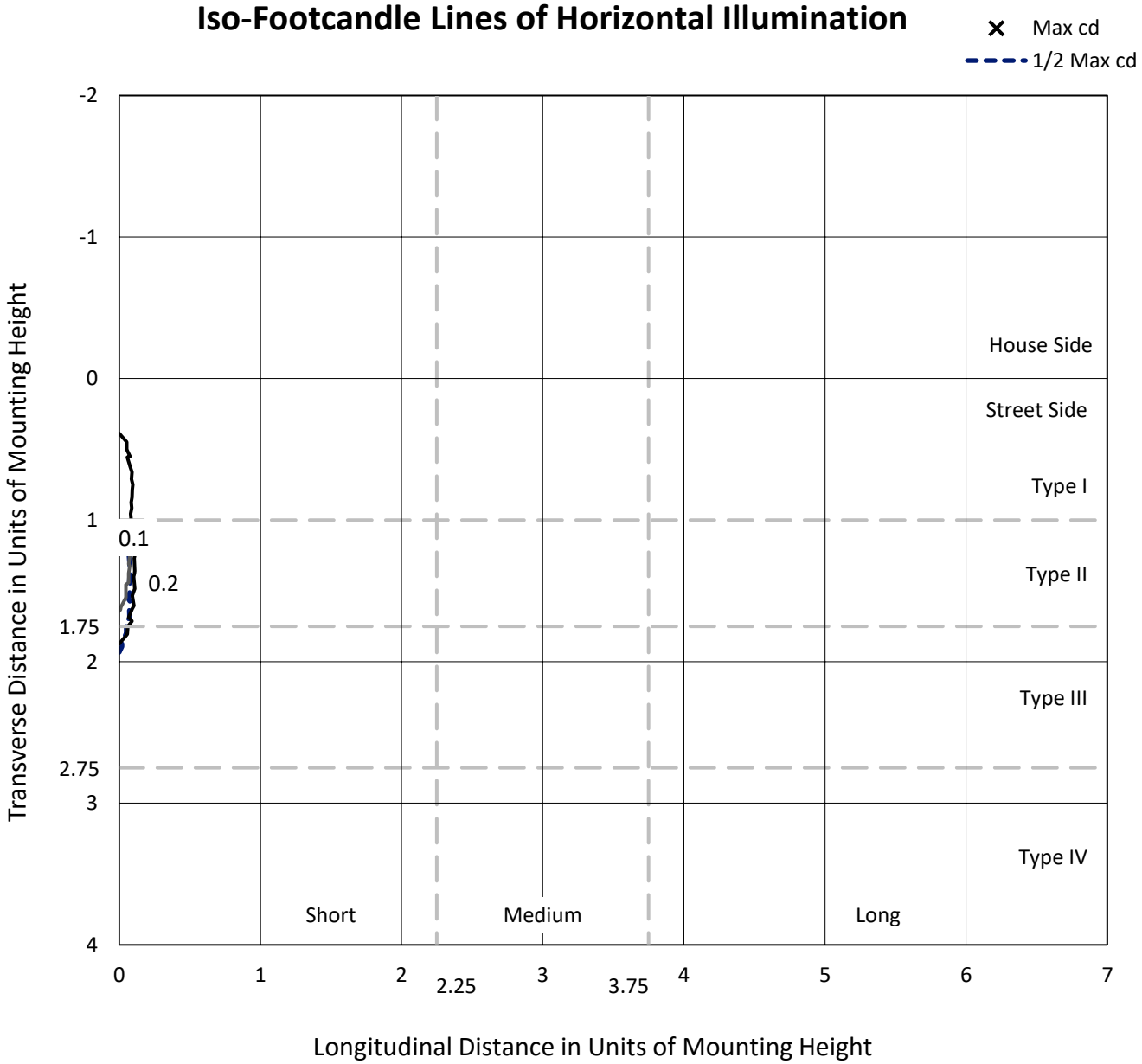
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 0.4 fc
Type III - Short - N/A

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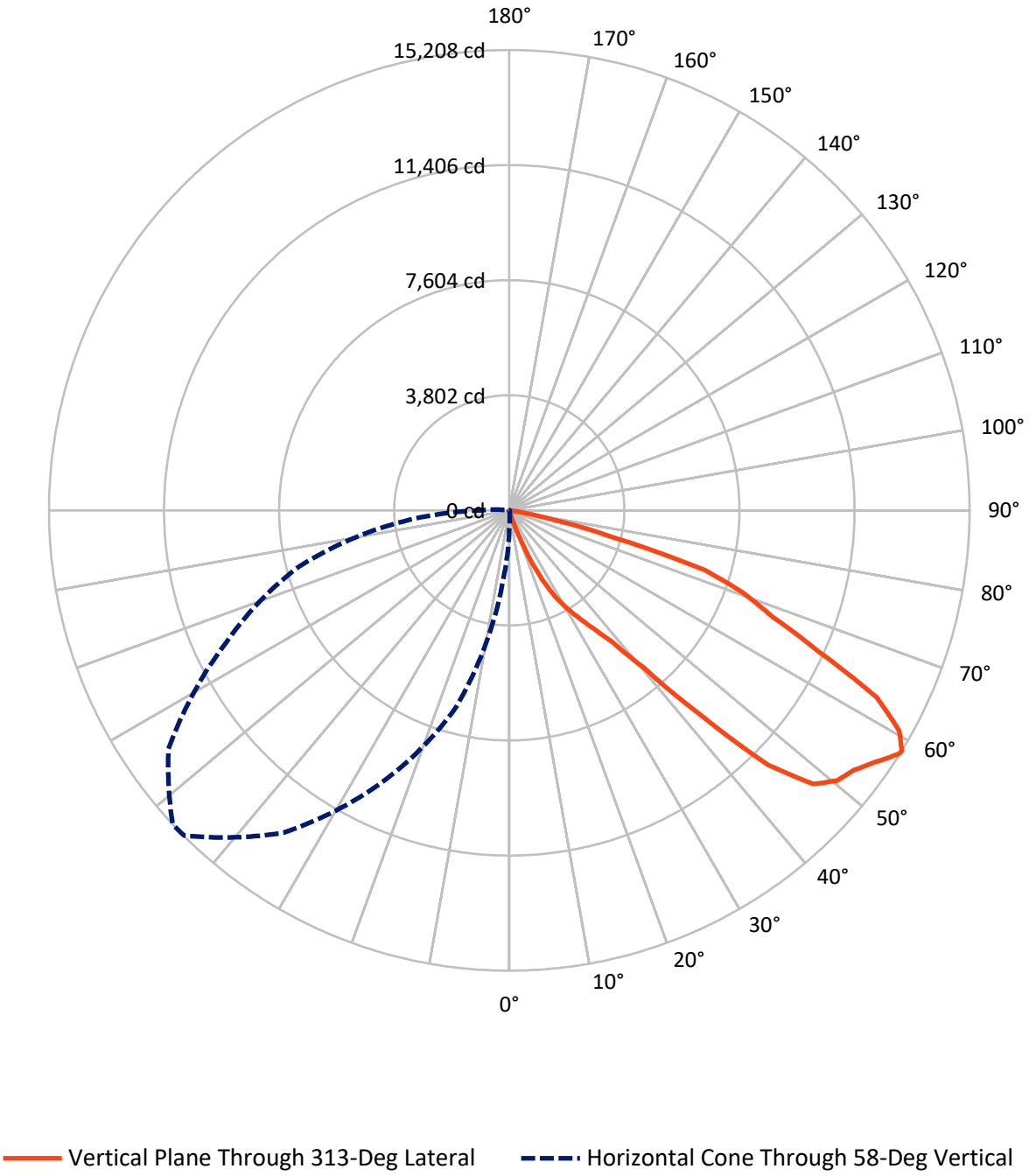
Luminous Intensity Polar Plot



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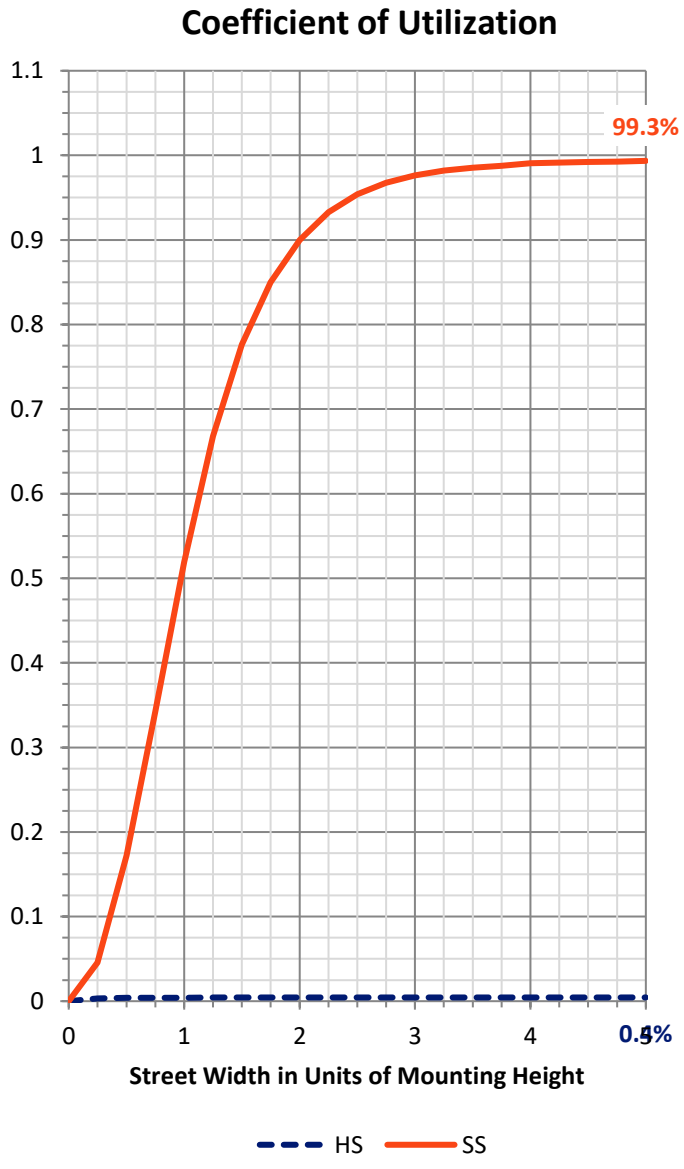
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	27.6	0.0	27.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	6154.2	0.0	6154.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	6181.9	0.0	6181.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.9	0.0
10°-20°	10.7	0.2
20°-30°	156.1	2.5
30°-40°	448.8	7.3
40°-50°	1278.5	20.7
50°-60°	2011.0	32.5
60°-70°	1714.9	27.7
70°-80°	547.0	8.8
80°-90°	13.9	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°	6181.9	100.0
0°-180°	6181.9	100.0



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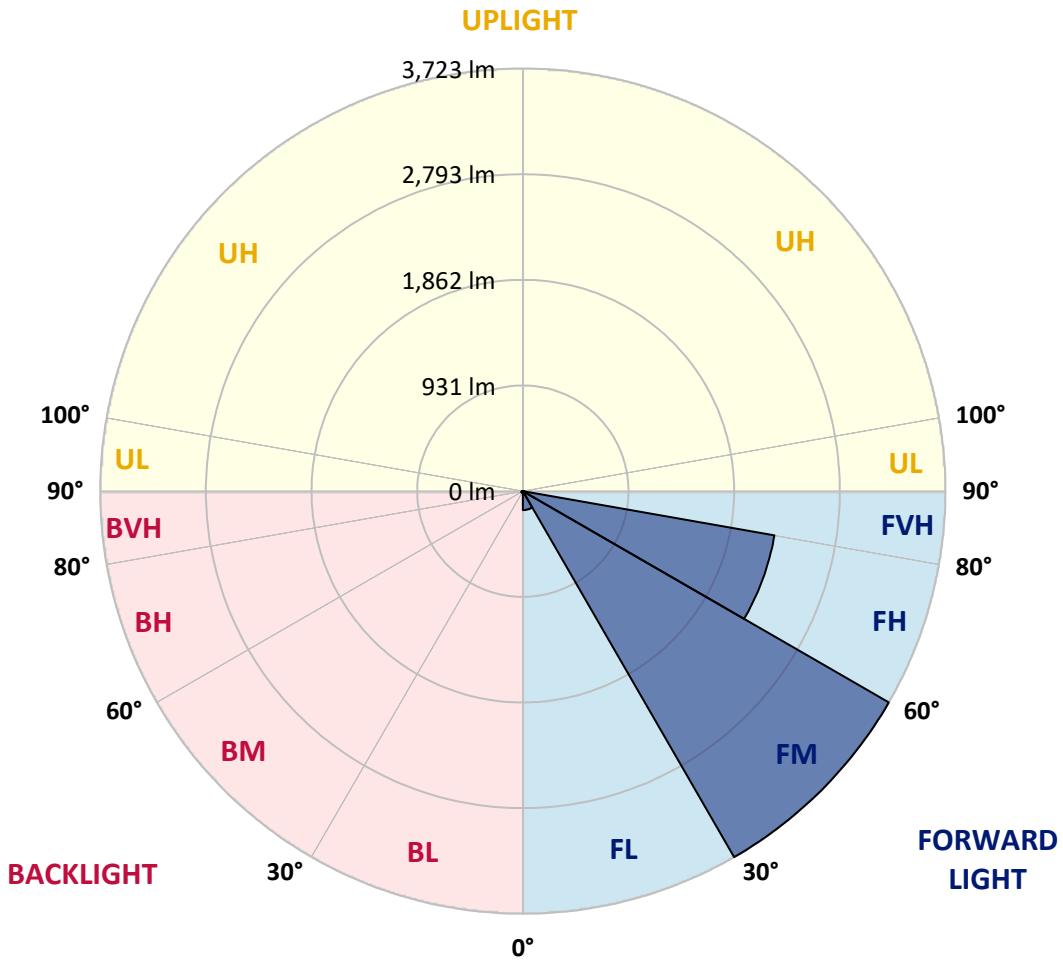
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	166.7	2.7			
FM	(30°-60°)	3723.5	60.2			
FH	(60°-80°)	2251.0	36.4			G2/5000
FVH	(80°-90°)	13.2	0.2			G1/100
BL	(0°-30°)	1.1	0.0	B0/110		
BM	(30°-60°)	14.8	0.2	B0/220		
BH	(60°-80°)	11.0	0.2	B0/110		G0/110
BVH	(80°-90°)	0.8	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°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
2.5°	22.3	23.5	24.7	23.5	21.0	16.1	16.1	12.4	8.7	4.9	3.7
5°	24.7	24.7	24.7	23.5	21.0	16.1	14.8	11.1	7.4	4.9	2.5
7.5°	27.2	27.2	26.0	23.5	19.8	16.1	14.8	11.1	7.4	3.7	0.0
10°	29.7	29.7	27.2	24.7	19.8	14.8	13.6	9.9	6.2	2.5	0.0
12.5°	33.4	32.2	28.5	24.7	19.8	13.6	13.6	9.9	4.9	1.2	0.0
15°	38.4	34.6	29.7	24.7	18.6	13.6	12.4	8.7	3.7	0.0	0.0
17.5°	42.1	38.4	30.9	23.5	17.3	12.4	11.1	7.4	3.7	0.0	0.0
20°	45.8	39.6	30.9	23.5	17.3	11.1	9.9	6.2	1.2	0.0	0.0
22.5°	52.0	42.1	30.9	23.5	16.1	9.9	8.7	4.9	0.0	0.0	0.0
25°	64.3	44.5	30.9	22.3	14.8	8.7	7.4	2.5	0.0	0.0	0.0
27.5°	79.2	48.3	30.9	21.0	13.6	7.4	6.2	1.2	0.0	0.0	0.0
30°	95.3	52.0	30.9	21.0	12.4	6.2	4.9	0.0	0.0	0.0	0.0
32.5°	112.6	56.9	30.9	19.8	11.1	4.9	3.7	0.0	0.0	0.0	0.0
35°	144.8	64.3	30.9	19.8	9.9	3.7	2.5	0.0	0.0	0.0	0.0
37.5°	159.6	74.2	30.9	18.6	9.9	2.5	1.2	0.0	0.0	0.0	0.0
40°	165.8	71.8	29.7	18.6	8.7	1.2	0.0	0.0	0.0	0.0	0.0
42.5°	179.4	66.8	30.9	17.3	8.7	1.2	0.0	0.0	0.0	0.0	0.0
45°	219.0	66.8	33.4	17.3	7.4	2.5	0.0	0.0	0.0	0.0	0.0
47.5°	379.8	69.3	32.2	17.3	7.4	2.5	0.0	0.0	0.0	0.0	0.0
50°	624.8	81.7	30.9	18.6	8.7	1.2	0.0	0.0	0.0	0.0	0.0
52.5°	725.0	99.0	30.9	19.8	11.1	0.0	0.0	0.0	0.0	0.0	0.0
55°	695.3	121.2	30.9	21.0	13.6	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	632.2	115.1	33.4	24.7	17.3	0.0	0.0	0.0	0.0	0.0	0.0
58°	*608.7*	*115.1*	*33.4*	*24.7*	*17.3*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	477.6	117.5	38.4	27.2	18.6	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	355.1	120.0	43.3	30.9	18.6	1.2	0.0	0.0	0.0	0.0	0.0
65°	263.5	125.0	45.8	35.9	17.3	2.5	0.0	0.0	0.0	0.0	0.0
67.5°	210.3	128.7	49.5	39.6	19.8	4.9	1.2	0.0	0.0	0.0	0.0
70°	180.6	123.7	53.2	40.8	18.6	7.4	3.7	0.0	0.0	0.0	0.0
72.5°	160.8	116.3	60.6	39.6	19.8	7.4	3.7	0.0	0.0	0.0	0.0
75°	144.8	106.4	69.3	38.4	19.8	7.4	4.9	0.0	0.0	0.0	0.0
77.5°	108.9	92.8	68.0	37.1	18.6	7.4	4.9	0.0	0.0	0.0	0.0
80°	54.4	61.9	59.4	33.4	14.8	6.2	4.9	1.2	0.0	0.0	0.0
82.5°	22.3	23.5	29.7	24.7	12.4	4.9	4.9	1.2	0.0	0.0	0.0
85°	2.5	4.9	8.7	9.9	8.7	4.9	4.9	1.2	0.0	0.0	0.0
87.5°	0.0	1.2	4.9	7.4	6.2	3.7	2.5	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°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
2.5°	2.5	2.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
5°	1.2	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°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
2.5°	1.2	2.5	2.5	2.5	3.7	3.7	4.9	6.2	6.2	6.2	7.4
5°	0.0	0.0	1.2	1.2	2.5	3.7	4.9	7.4	8.7	8.7	9.9
7.5°	0.0	0.0	0.0	1.2	2.5	3.7	4.9	7.4	9.9	11.1	12.4
10°	0.0	0.0	0.0	0.0	1.2	2.5	4.9	8.7	12.4	14.8	17.3
12.5°	0.0	0.0	0.0	0.0	0.0	1.2	4.9	9.9	14.8	18.6	21.0
15°	0.0	0.0	0.0	0.0	0.0	1.2	4.9	9.9	18.6	22.3	27.2
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	4.9	11.1	21.0	27.2	37.1
20°	0.0	0.0	0.0	0.0	0.0	0.0	3.7	11.1	23.5	33.4	55.7
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	3.7	11.1	26.0	43.3	102.7
25°	0.0	0.0	0.0	0.0	0.0	0.0	2.5	11.1	29.7	64.3	170.7
27.5°	0.0	0.0	0.0	0.0	0.0	0.0	2.5	12.4	35.9	90.3	249.9
30°	0.0	0.0	0.0	0.0	0.0	0.0	2.5	12.4	44.5	122.5	348.9
32.5°	0.0	0.0	0.0	0.0	0.0	0.0	1.2	12.4	52.0	154.6	475.1
35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.1	61.9	205.4	596.3
37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.1	76.7	226.4	699.0
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	73.0	246.2	816.5
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.1	66.8	274.7	1000.9
45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.1	66.8	363.7	1409.2
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	81.7	566.6	2153.9
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	105.2	869.7	3067.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	127.4	1070.2	3596.5
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	153.4	1071.4	3579.2
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	170.7	958.8	3230.3
58°	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*8.7*	*169.5*	*927.9*	*3133.8*
60°	0.0	0.0	0.0	0.0	0.0	0.0	1.2	12.4	148.5	805.4	2735.4
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	4.9	19.8	129.9	577.8	2267.8
65°	0.0	0.0	0.0	0.0	0.0	0.0	9.9	22.3	118.8	419.4	1702.4
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	12.4	26.0	113.8	296.9	1184.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	14.8	29.7	105.2	212.8	779.4
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	14.8	37.1	99.0	167.0	470.1
75°	0.0	0.0	0.0	0.0	0.0	0.0	14.8	47.0	86.6	136.1	252.4
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	14.8	50.7	71.8	99.0	153.4
80°	0.0	0.0	0.0	0.0	0.0	0.0	13.6	45.8	52.0	43.3	52.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	7.4	27.2	11.1	11.1	17.3
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: P991263
CATALOG NUMBER: GPC-SA2A-740-U-RBC

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	313°	315°	325°	335°	345°	355°	360°
0°	8.7	8.7	8.7	*8.7*	8.7	8.7	8.7	8.7	8.7	8.7
2.5°	8.7	8.7	8.7	*8.7*	9.9	9.9	13.6	17.3	21.0	22.3
5°	11.1	12.4	13.6	*13.6*	13.6	14.8	17.3	19.8	23.5	24.7
7.5°	16.1	17.3	19.8	*19.8*	19.8	21.0	22.3	24.7	27.2	27.2
10°	21.0	24.7	26.0	*27.2*	28.5	28.5	28.5	29.7	30.9	29.7
12.5°	28.5	33.4	39.6	*40.8*	40.8	40.8	39.6	37.1	34.6	33.4
15°	39.6	54.4	74.2	*81.7*	77.9	69.3	60.6	47.0	40.8	38.4
17.5°	73.0	148.5	269.7	*298.2*	292.0	251.1	147.2	71.8	48.3	42.1
20°	196.7	480.0	791.8	*867.3*	906.9	751.0	434.3	167.0	59.4	45.8
22.5°	424.4	997.2	1545.2	*1740.7*	1753.1	1410.4	845.0	339.0	85.4	52.0
25°	682.9	1594.7	2342.0	*2531.3*	2535.0	2173.7	1351.0	549.3	129.9	64.3
27.5°	1046.7	2235.6	3071.9	*3229.1*	3226.6	2860.4	1952.3	838.8	181.9	79.2
30°	1419.1	2735.4	3553.2	*3748.7*	3767.2	3329.3	2454.6	1181.5	237.5	95.3
32.5°	1787.7	3105.3	3992.4	*4252.2*	4236.1	3743.7	2804.7	1462.4	332.8	112.6
35°	2078.5	3420.8	4478.6	*4797.8*	4810.2	4199.0	3115.2	1734.5	414.5	144.8
37.5°	2327.1	3827.9	5125.7	*5494.3*	5510.4	4765.6	3440.6	2001.8	485.0	159.6
40°	2634.0	4495.9	6197.1	*6823.1*	6825.6	5822.2	4025.8	2301.2	580.2	165.8
42.5°	3323.1	5927.4	8290.4	*9189.8*	9267.8	8014.5	5355.8	2950.7	729.9	179.4
45°	4701.3	7814.1	10960.2	*11995.8*	12094.7	10742.5	7635.9	4450.2	1059.0	219.0
47.5°	6340.6	9454.6	12511.7	*13508.8*	13574.4	12032.9	9162.6	6184.7	1802.6	379.8
50°	7348.9	10062.0	13082.0	*14033.4*	14044.5	12457.2	9641.4	7085.4	2568.4	624.8
52.5°	7661.9	10140.0	13104.3	*14254.9*	14287.0	12407.7	9707.0	7267.2	2887.6	725.0
55°	7534.5	10094.2	13339.3	*14678.0*	14712.6	12609.4	9662.4	7068.0	2737.9	695.3
57.5°	7243.7	10272.4	13725.3	*15180.3*	15180.3	12981.8	9827.0	6734.0	2371.7	632.2
58°	*7200.4*	*10316.9*	*13746.4*	*15207.5*	*15196.4*	*13005.3*	*9895.0*	*6685.8*	*2291.3*	*608.7*
60°	7141.0	10454.2	13590.5	*14805.4*	14773.2	12839.5	10018.7	6642.5	1901.6	477.6
62.5°	7054.4	10144.9	12454.8	*13622.7*	13539.8	11677.8	9663.7	6388.8	1419.1	355.1
65°	6610.3	9003.0	10382.5	*11191.6*	11165.6	9606.8	8317.6	5723.2	1021.9	263.5
67.5°	5572.3	7048.3	8386.9	*9361.8*	9368.0	7842.5	6505.1	4573.9	695.3	210.3
70°	3919.4	5198.7	7129.9	*8214.9*	8264.4	6578.1	4818.8	3048.4	459.0	180.6
72.5°	2340.8	3926.8	5928.6	*6752.6*	6726.6	5458.5	3575.5	1817.4	279.6	160.8
75°	1134.5	2346.9	2996.5	*3475.3*	3455.5	2730.5	1905.3	890.8	204.1	144.8
77.5°	308.1	721.3	1160.5	*1509.4*	1550.2	1093.7	624.8	238.8	127.4	108.9
80°	103.9	222.7	378.6	*514.7*	528.3	472.6	235.1	84.1	55.7	54.4
82.5°	39.6	54.4	69.3	*61.9*	61.9	64.3	50.7	35.9	26.0	22.3
85°	0.0	0.0	1.2	*2.5*	2.5	3.7	3.7	3.7	2.5	2.5
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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

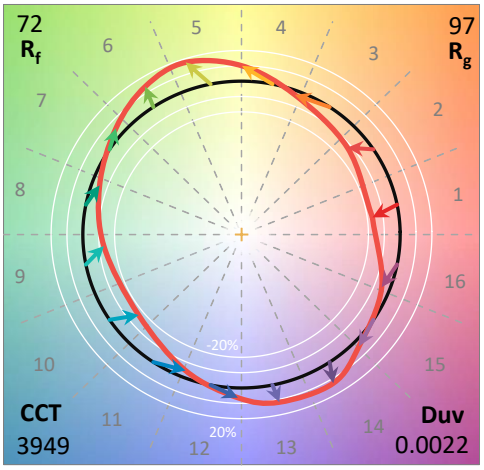
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-1
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-740-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949
CIE u':	0.2248
CIE v':	0.5053
Duv:	0.0022
CIE x:	0.3844
CIE y:	0.3840
CIE z:	0.2316
Peak Wavelength (nm):	440
Dominant Wavelength (nm):	578
Purity:	30.60026
Rf:	71.8
Rg:	96.5

CRI (Ra):	70.7
R1:	68.0
R2:	76.0
R3:	84.3
R4:	72.0
R5:	68.6
R6:	68.3
R7:	77.9
R8:	50.3
R9:	-36.7
R10:	45.1
R11:	70.7
R12:	47.1
R13:	68.5
R14:	91.1
R15:	58.7



Test Conditions

Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

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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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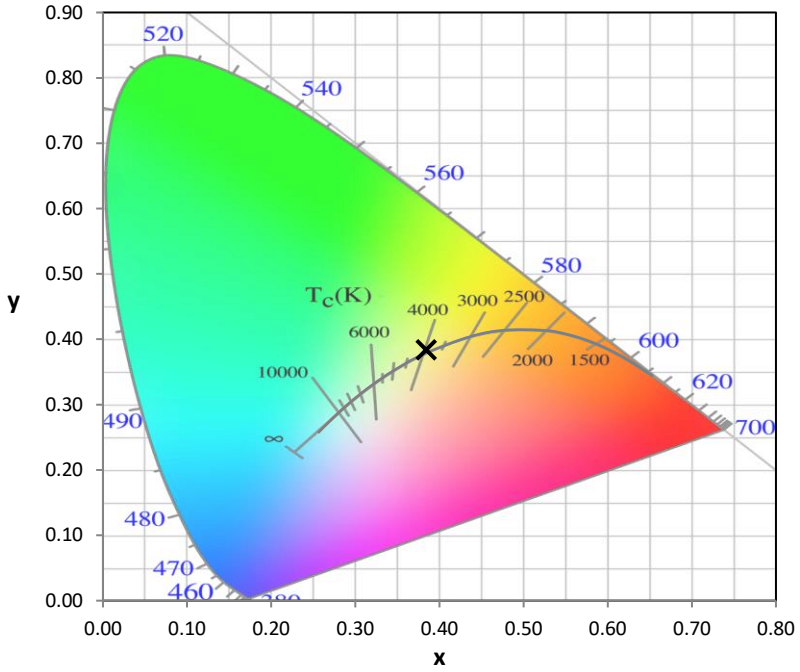
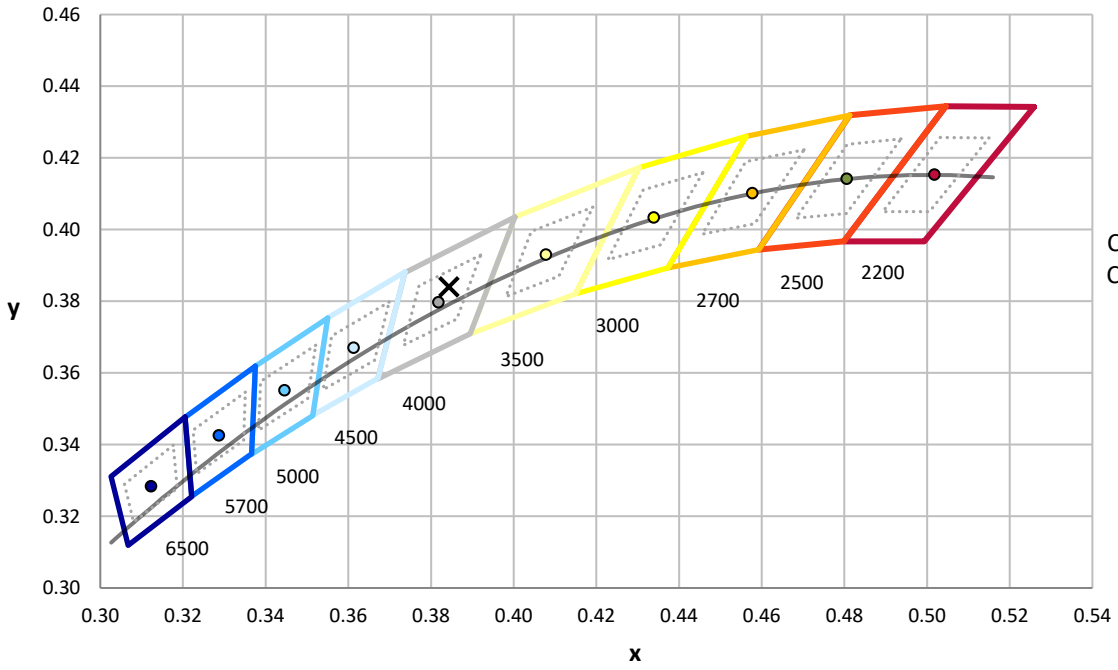
CIE 1931 Chromaticity Diagram



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



CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

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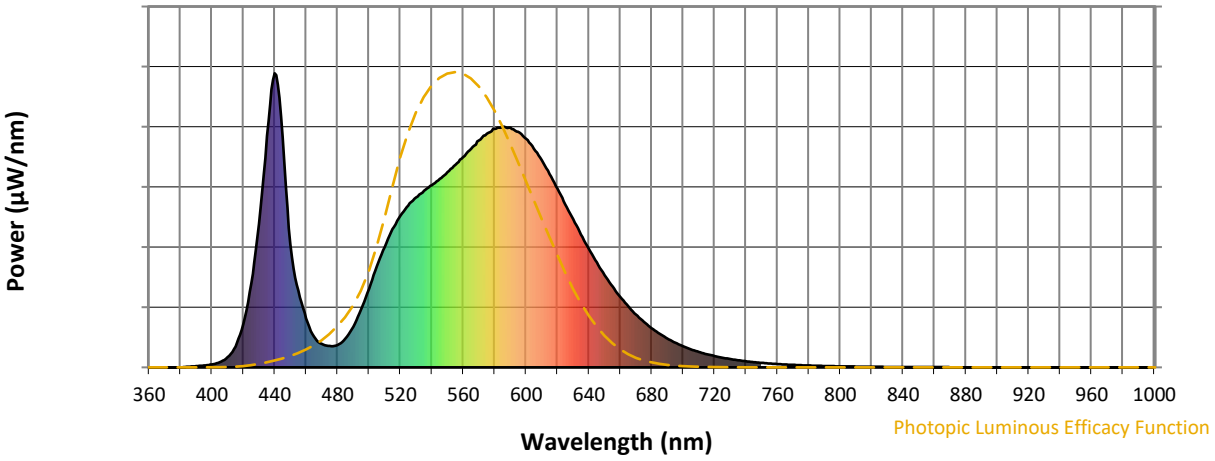
Photopic Flux vs. Wavelength



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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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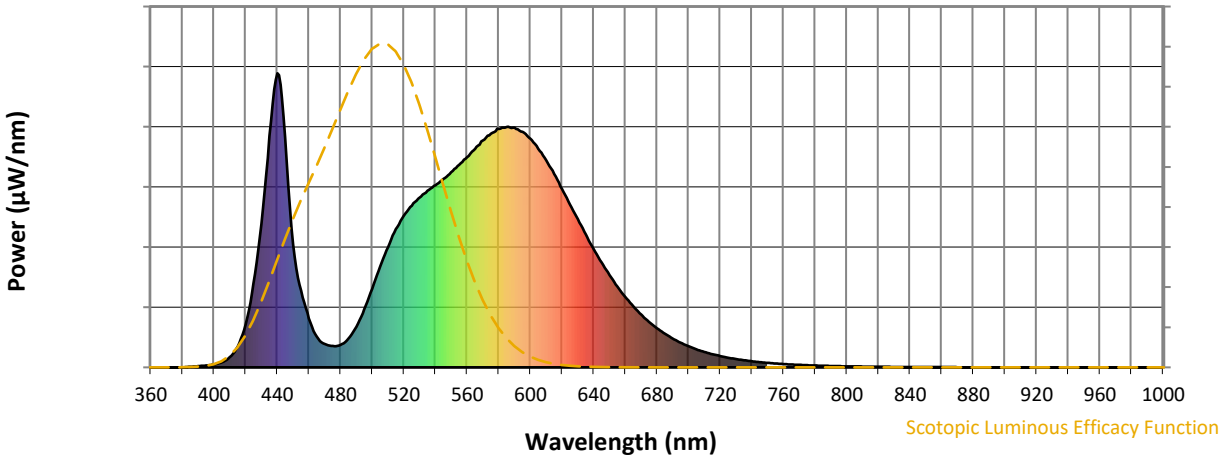
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.47**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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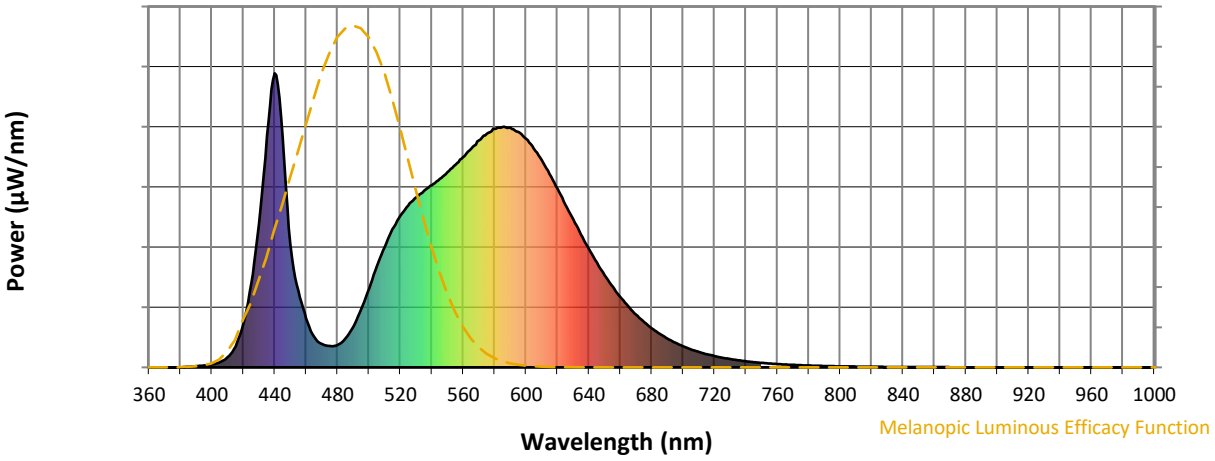
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.78**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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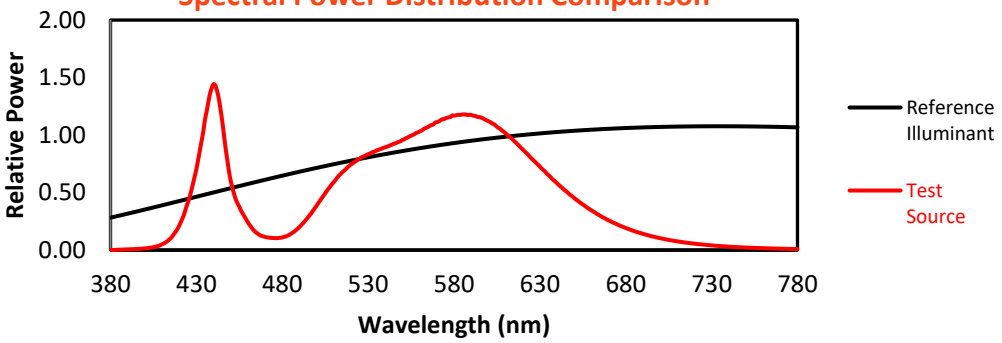
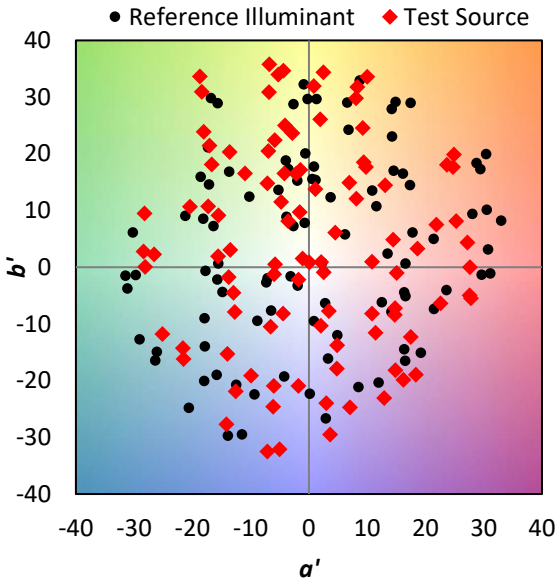
Summary

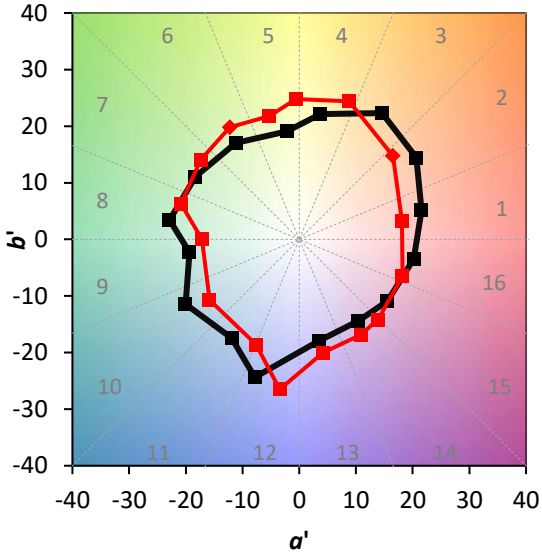
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

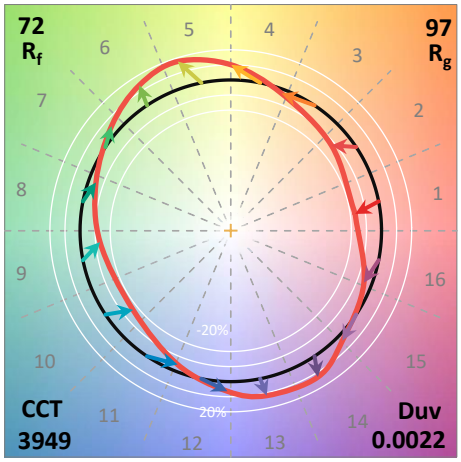
Spectral Power Distribution Comparison

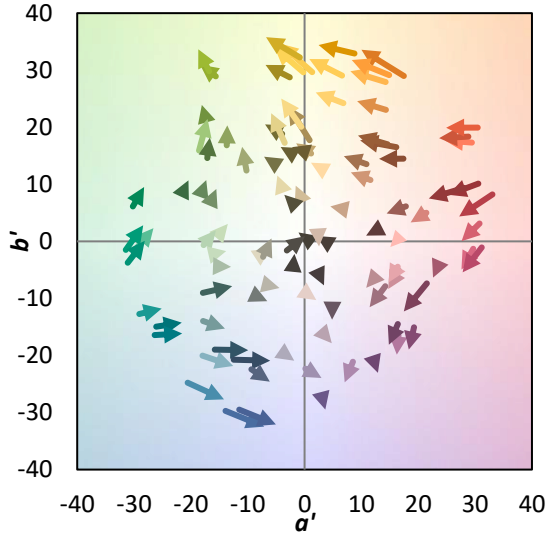


Color Vector Graphics









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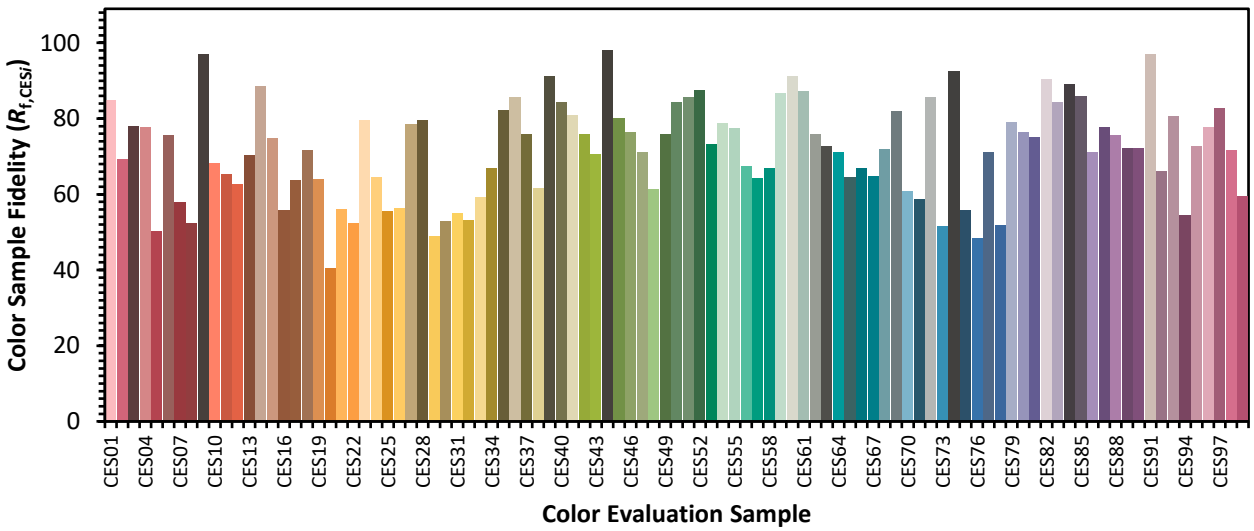
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	



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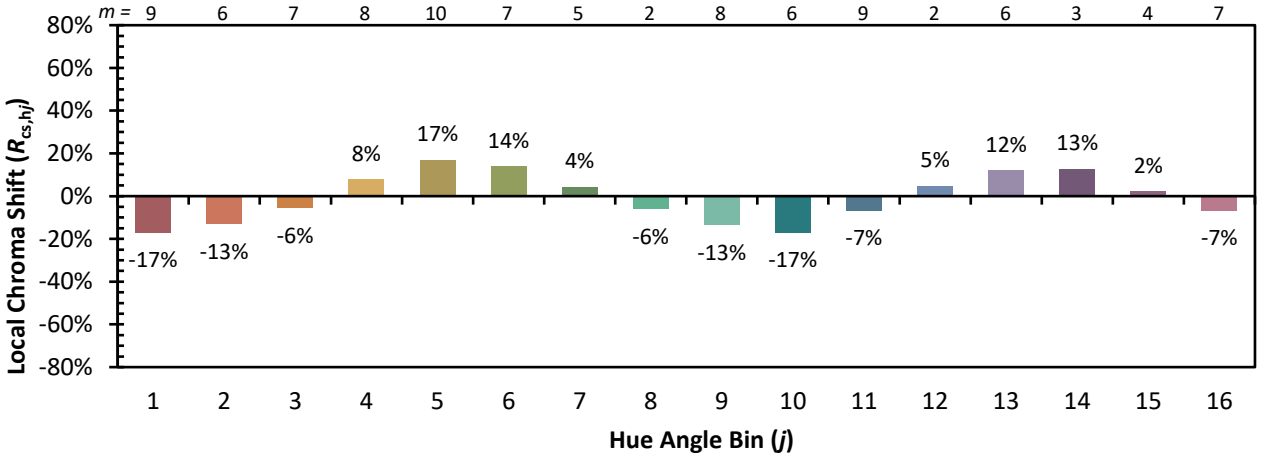
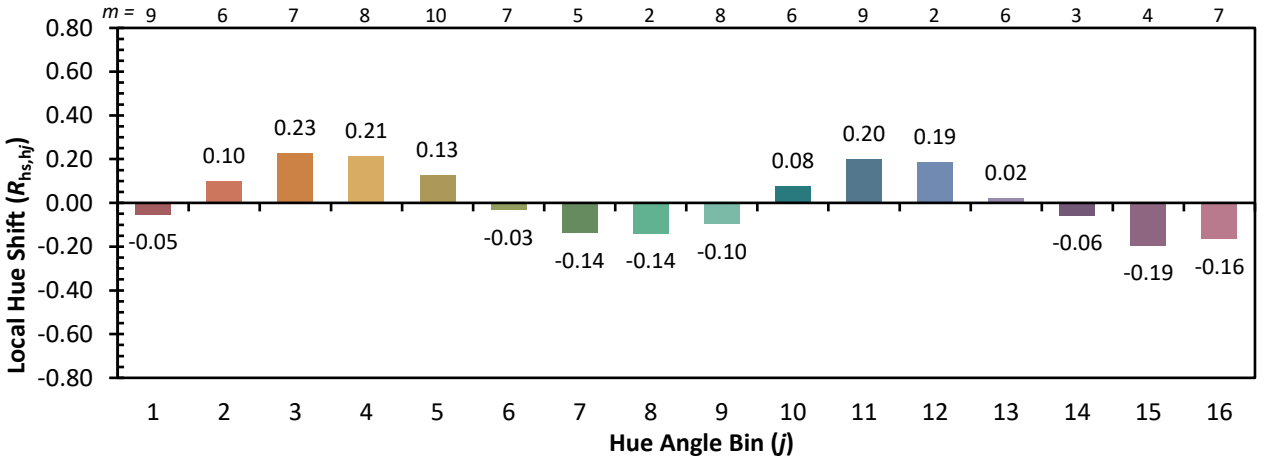
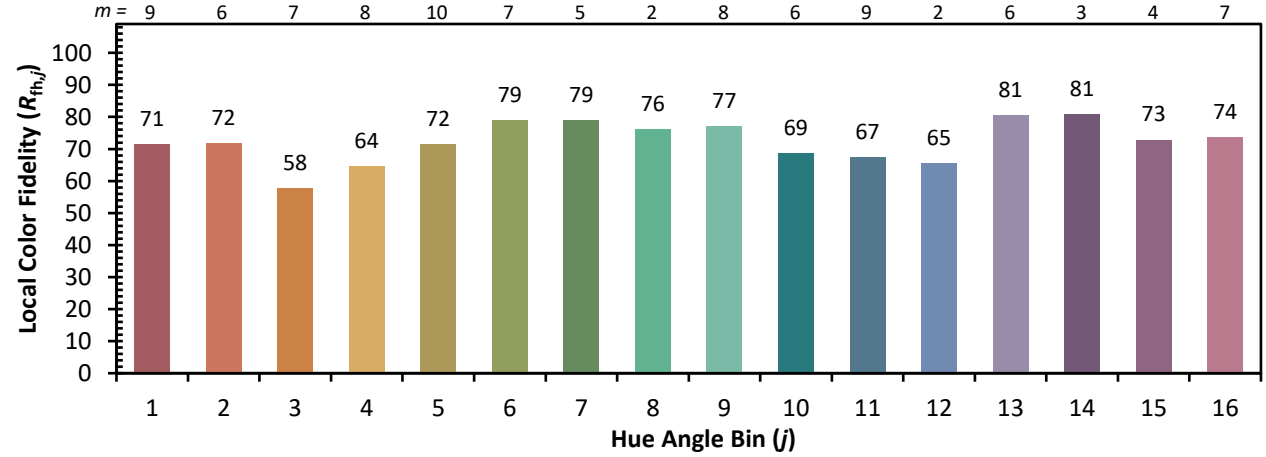
Color Rendition by Hue-Angle Bin







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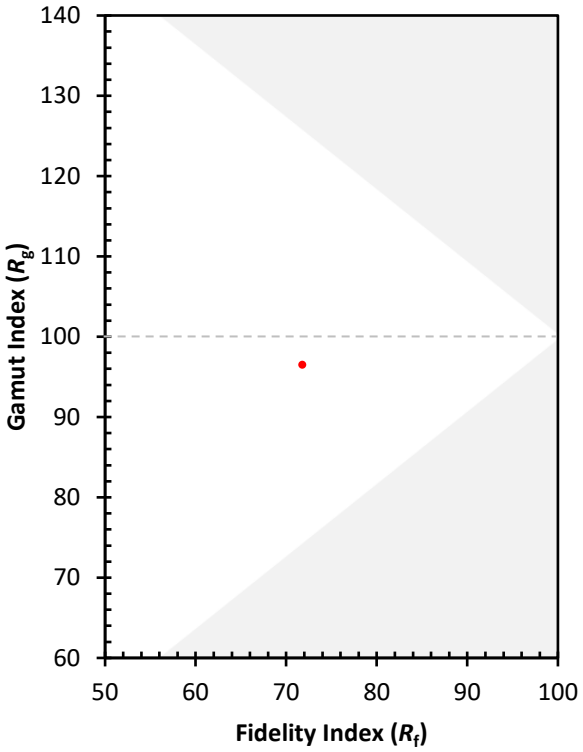
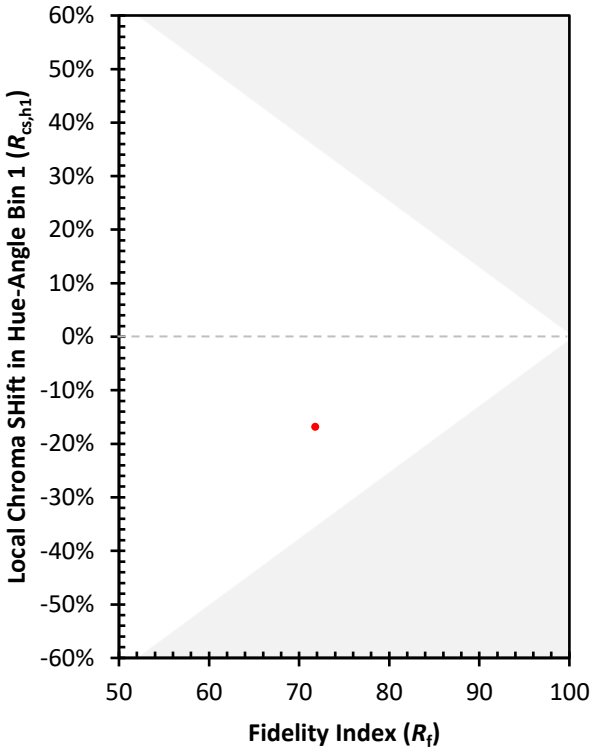
Measure Comparisons





(END OF REPORT)