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: P991283

Luminaire Tested: **GPC-SA1A-827-U-RBC**

Issue Date: 07/03/2025

Report Generated By 670245763

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Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P991283
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	07/03/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SA1A-827-U-RBC
Description:	GALLEON PEDESTRAIAN COMPANION 615mA 1xLight Square PACKAGE 80CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source:	(14) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	2378 lumens
Efficiency:	N/A
Efficacy:	80.9 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G1

Input Watts (W):	29.4
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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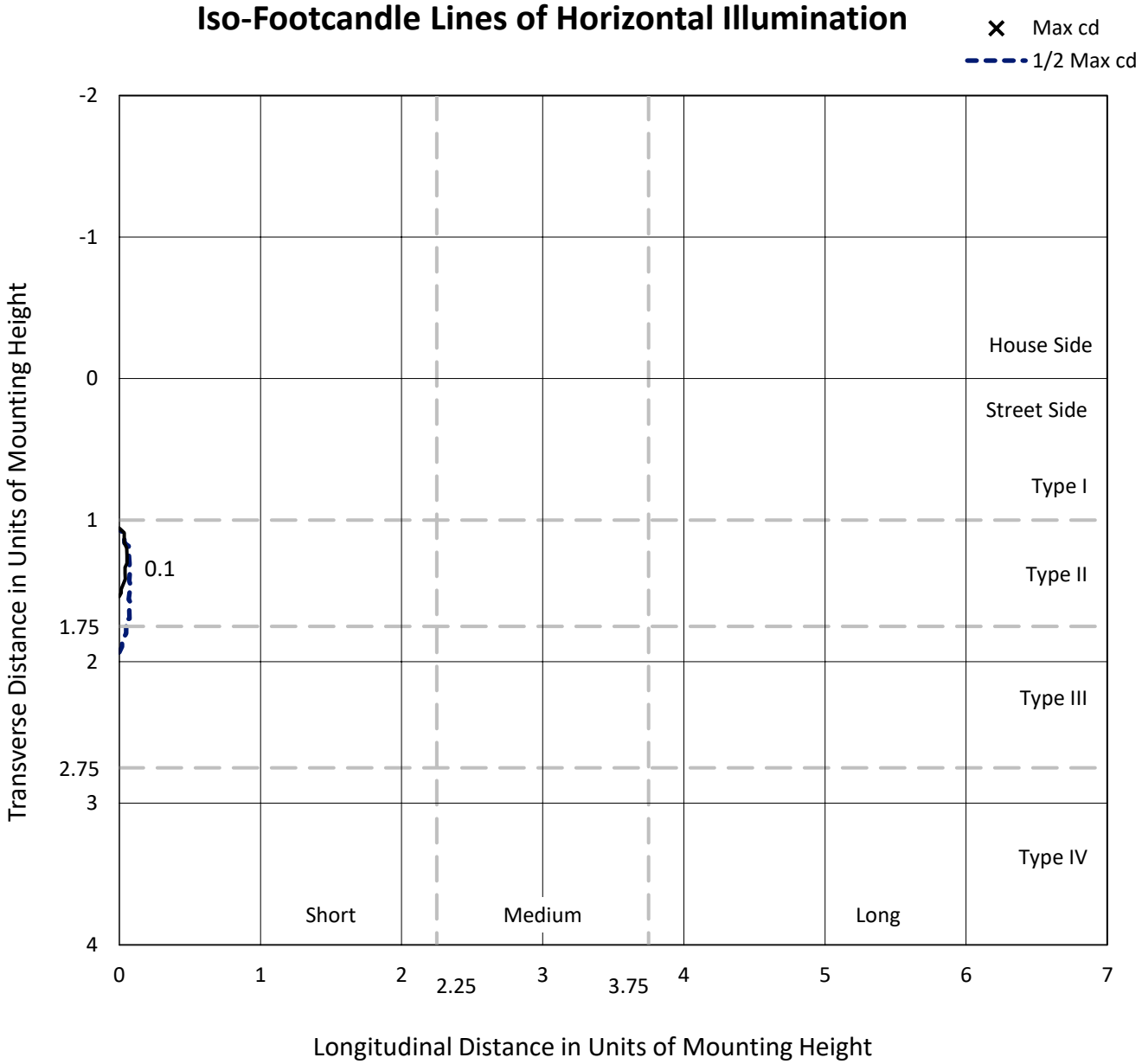
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 0.2 fc
Type III - Short - N/A

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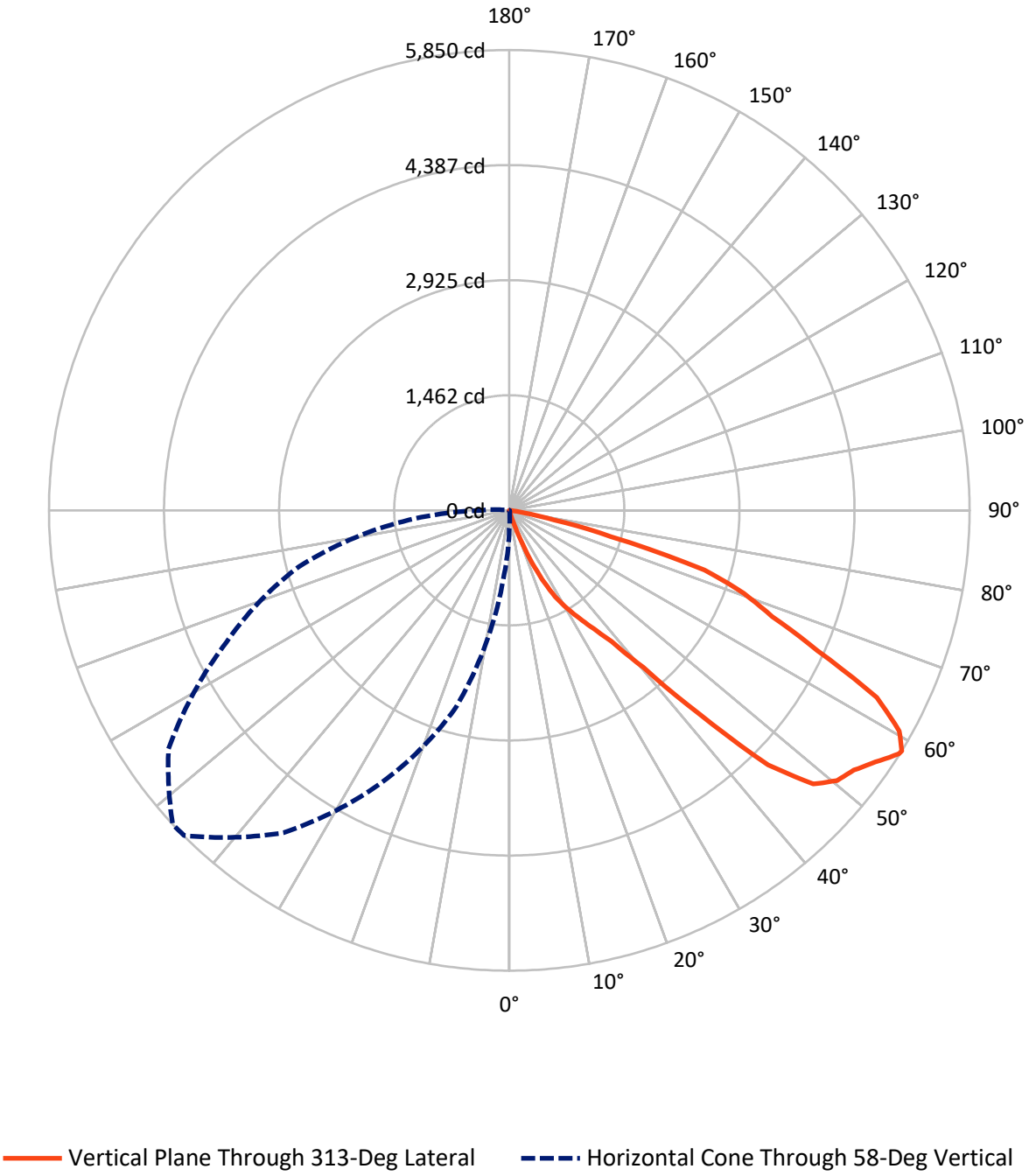
Luminous Intensity Polar Plot



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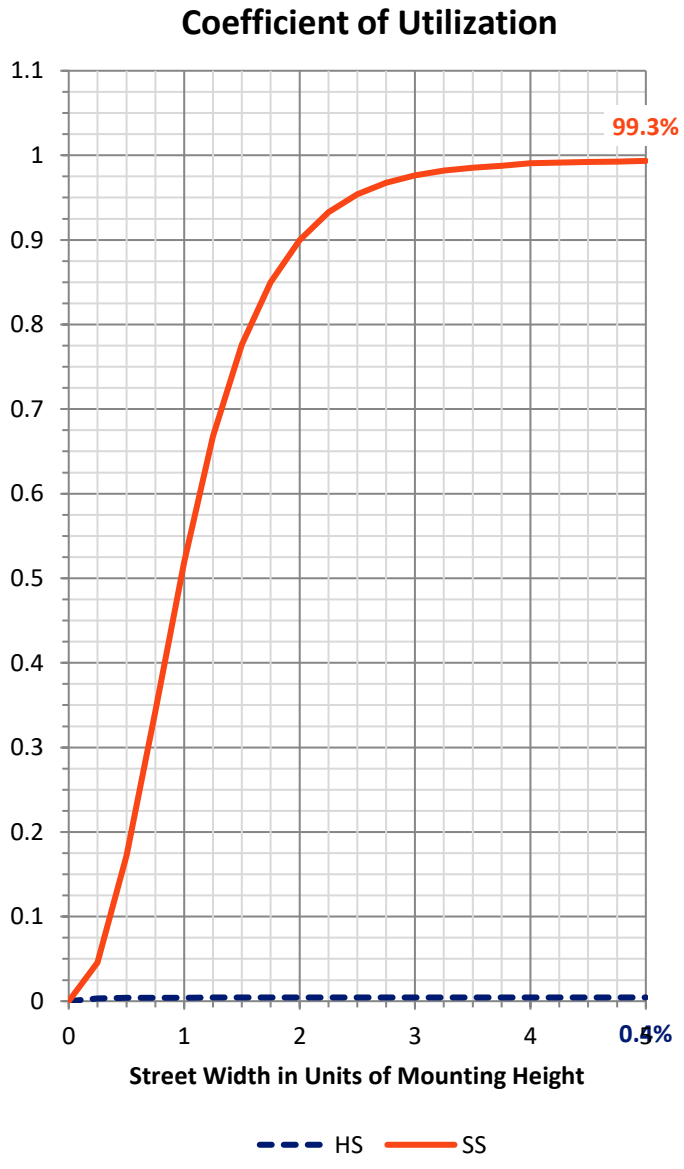
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10.6	0.0	10.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	2367.4	0.0	2367.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	2378.0	0.0	2378.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.3	0.0
10°-20°	4.1	0.2
20°-30°	60.1	2.5
30°-40°	172.6	7.3
40°-50°	491.8	20.7
50°-60°	773.6	32.5
60°-70°	659.7	27.7
70°-80°	210.4	8.8
80°-90°	5.4	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°	2378.0	100.0
0°-180°	2378.0	100.0



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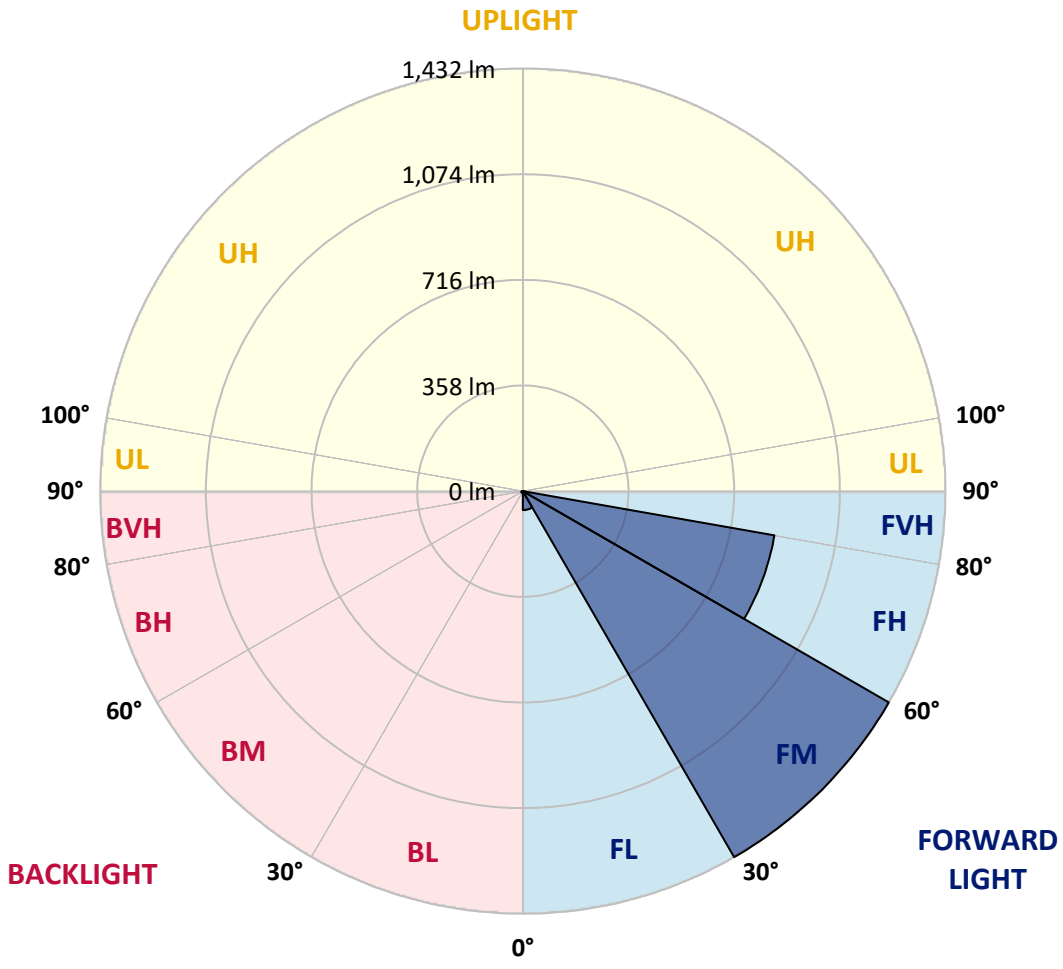
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	64.1	2.7			
FM	(30°-60°)	1432.3	60.2			
FH	(60°-80°)	865.9	36.4			G1/1800
FVH	(80°-90°)	5.1	0.2			G0/10
BL	(0°-30°)	0.4	0.0	B0/110		
BM	(30°-60°)	5.7	0.2	B0/220		
BH	(60°-80°)	4.2	0.2	B0/110		G0/110
BVH	(80°-90°)	0.3	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-G1
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	47°	55°	65°	75°	85°
0°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
2.5°	8.6	9.0	9.5	9.0	8.1	6.2	6.2	4.8	3.3	1.9	1.4
5°	9.5	9.5	9.5	9.0	8.1	6.2	5.7	4.3	2.9	1.9	1.0
7.5°	10.5	10.5	10.0	9.0	7.6	6.2	5.7	4.3	2.9	1.4	0.0
10°	11.4	11.4	10.5	9.5	7.6	5.7	5.2	3.8	2.4	1.0	0.0
12.5°	12.8	12.4	10.9	9.5	7.6	5.2	5.2	3.8	1.9	0.5	0.0
15°	14.8	13.3	11.4	9.5	7.1	5.2	4.8	3.3	1.4	0.0	0.0
17.5°	16.2	14.8	11.9	9.0	6.7	4.8	4.3	2.9	1.4	0.0	0.0
20°	17.6	15.2	11.9	9.0	6.7	4.3	3.8	2.4	0.5	0.0	0.0
22.5°	20.0	16.2	11.9	9.0	6.2	3.8	3.3	1.9	0.0	0.0	0.0
25°	24.7	17.1	11.9	8.6	5.7	3.3	2.9	1.0	0.0	0.0	0.0
27.5°	30.5	18.6	11.9	8.1	5.2	2.9	2.4	0.5	0.0	0.0	0.0
30°	36.6	20.0	11.9	8.1	4.8	2.4	1.9	0.0	0.0	0.0	0.0
32.5°	43.3	21.9	11.9	7.6	4.3	1.9	1.4	0.0	0.0	0.0	0.0
35°	55.7	24.7	11.9	7.6	3.8	1.4	1.0	0.0	0.0	0.0	0.0
37.5°	61.4	28.6	11.9	7.1	3.8	1.0	0.5	0.0	0.0	0.0	0.0
40°	63.8	27.6	11.4	7.1	3.3	0.5	0.0	0.0	0.0	0.0	0.0
42.5°	69.0	25.7	11.9	6.7	3.3	0.5	0.0	0.0	0.0	0.0	0.0
45°	84.2	25.7	12.8	6.7	2.9	1.0	0.0	0.0	0.0	0.0	0.0
47.5°	146.1	26.7	12.4	6.7	2.9	1.0	0.0	0.0	0.0	0.0	0.0
50°	240.3	31.4	11.9	7.1	3.3	0.5	0.0	0.0	0.0	0.0	0.0
52.5°	278.9	38.1	11.9	7.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0
55°	267.5	46.6	11.9	8.1	5.2	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	243.2	44.3	12.8	9.5	6.7	0.0	0.0	0.0	0.0	0.0	0.0
58°	*234.1*	*44.3*	*12.8*	*9.5*	*6.7*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	183.7	45.2	14.8	10.5	7.1	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	136.6	46.2	16.7	11.9	7.1	0.5	0.0	0.0	0.0	0.0	0.0
65°	101.4	48.1	17.6	13.8	6.7	1.0	0.0	0.0	0.0	0.0	0.0
67.5°	80.9	49.5	19.0	15.2	7.6	1.9	0.5	0.0	0.0	0.0	0.0
70°	69.5	47.6	20.5	15.7	7.1	2.9	1.4	0.0	0.0	0.0	0.0
72.5°	61.9	44.7	23.3	15.2	7.6	2.9	1.4	0.0	0.0	0.0	0.0
75°	55.7	40.9	26.7	14.8	7.6	2.9	1.9	0.0	0.0	0.0	0.0
77.5°	41.9	35.7	26.2	14.3	7.1	2.9	1.9	0.0	0.0	0.0	0.0
80°	20.9	23.8	22.8	12.8	5.7	2.4	1.9	0.5	0.0	0.0	0.0
82.5°	8.6	9.0	11.4	9.5	4.8	1.9	1.9	0.5	0.0	0.0	0.0
85°	1.0	1.9	3.3	3.8	3.3	1.9	1.9	0.5	0.0	0.0	0.0
87.5°	0.0	0.5	1.9	2.9	2.4	1.4	1.0	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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
2.5°	1.0	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
5°	0.5	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°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
2.5°	0.5	1.0	1.0	1.0	1.4	1.4	1.9	2.4	2.4	2.4	2.9
5°	0.0	0.0	0.5	0.5	1.0	1.4	1.9	2.9	3.3	3.3	3.8
7.5°	0.0	0.0	0.0	0.5	1.0	1.4	1.9	2.9	3.8	4.3	4.8
10°	0.0	0.0	0.0	0.0	0.5	1.0	1.9	3.3	4.8	5.7	6.7
12.5°	0.0	0.0	0.0	0.0	0.0	0.5	1.9	3.8	5.7	7.1	8.1
15°	0.0	0.0	0.0	0.0	0.0	0.5	1.9	3.8	7.1	8.6	10.5
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	1.9	4.3	8.1	10.5	14.3
20°	0.0	0.0	0.0	0.0	0.0	0.0	1.4	4.3	9.0	12.8	21.4
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	1.4	4.3	10.0	16.7	39.5
25°	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.3	11.4	24.7	65.7
27.5°	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.8	13.8	34.7	96.1
30°	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.8	17.1	47.1	134.2
32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.5	4.8	20.0	59.5	182.7
35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	23.8	79.0	229.4
37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	29.5	87.1	268.9
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	28.1	94.7	314.1
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	25.7	105.7	385.0
45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	25.7	139.9	542.1
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	31.4	218.0	828.6
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	40.5	334.6	1179.8
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	49.0	411.7	1383.5
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	59.0	412.1	1376.8
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	65.7	368.8	1242.6
58°	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*3.3*	*65.2*	*356.9*	*1205.5*
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.5	4.8	57.1	309.8	1052.2
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	1.9	7.6	50.0	222.2	872.3
65°	0.0	0.0	0.0	0.0	0.0	0.0	3.8	8.6	45.7	161.3	654.9
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	4.8	10.0	43.8	114.2	455.4
70°	0.0	0.0	0.0	0.0	0.0	0.0	5.7	11.4	40.5	81.9	299.8
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.7	14.3	38.1	64.2	180.8
75°	0.0	0.0	0.0	0.0	0.0	0.0	5.7	18.1	33.3	52.3	97.1
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.7	19.5	27.6	38.1	59.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	5.2	17.6	20.0	16.7	20.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	2.9	10.5	4.3	4.3	6.7
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: P991283
CATALOG NUMBER: GPC-SA1A-827-U-RBC

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	313°	315°	325°	335°	345°	355°	360°
0°	3.3	3.3	3.3	*3.3*	3.3	3.3	3.3	3.3	3.3	3.3
2.5°	3.3	3.3	3.3	*3.3*	3.8	3.8	5.2	6.7	8.1	8.6
5°	4.3	4.8	5.2	*5.2*	5.2	5.7	6.7	7.6	9.0	9.5
7.5°	6.2	6.7	7.6	*7.6*	7.6	8.1	8.6	9.5	10.5	10.5
10°	8.1	9.5	10.0	*10.5*	10.9	10.9	10.9	11.4	11.9	11.4
12.5°	10.9	12.8	15.2	*15.7*	15.7	15.7	15.2	14.3	13.3	12.8
15°	15.2	20.9	28.6	*31.4*	30.0	26.7	23.3	18.1	15.7	14.8
17.5°	28.1	57.1	103.7	*114.7*	112.3	96.6	56.6	27.6	18.6	16.2
20°	75.7	184.7	304.6	*333.6*	348.8	288.9	167.0	64.2	22.8	17.6
22.5°	163.2	383.6	594.4	*669.6*	674.4	542.5	325.0	130.4	32.8	20.0
25°	262.7	613.4	900.9	*973.7*	975.1	836.2	519.7	211.3	50.0	24.7
27.5°	402.6	860.0	1181.7	*1242.1*	1241.2	1100.3	751.0	322.7	70.0	30.5
30°	545.9	1052.2	1366.8	*1442.0*	1449.1	1280.7	944.2	454.5	91.4	36.6
32.5°	687.7	1194.5	1535.8	*1635.7*	1629.5	1440.1	1078.9	562.5	128.0	43.3
35°	799.5	1315.9	1722.8	*1845.6*	1850.3	1615.2	1198.3	667.2	159.4	55.7
37.5°	895.2	1472.5	1971.7	*2113.5*	2119.7	1833.2	1323.5	770.0	186.6	61.4
40°	1013.2	1729.5	2383.8	*2624.6*	2625.6	2239.6	1548.6	885.2	223.2	63.8
42.5°	1278.3	2280.1	3189.1	*3535.0*	3565.0	3082.9	2060.2	1135.0	280.8	69.0
45°	1808.5	3005.8	4216.1	*4614.4*	4652.5	4132.3	2937.3	1711.8	407.4	84.2
47.5°	2439.0	3636.9	4812.9	*5196.4*	5221.7	4628.7	3524.6	2379.1	693.4	146.1
50°	2826.9	3870.6	5032.3	*5398.2*	5402.5	4791.9	3708.8	2725.5	988.0	240.3
52.5°	2947.3	3900.5	5040.8	*5483.4*	5495.8	4772.9	3734.0	2795.5	1110.8	278.9
55°	2898.3	3882.9	5131.2	*5646.2*	5659.5	4850.5	3716.8	2718.9	1053.2	267.5
57.5°	2786.4	3951.5	5279.7	*5839.4*	5839.4	4993.7	3780.1	2590.4	912.3	243.2
58°	*2769.8*	*3968.6*	*5287.8*	*5849.9*	*5845.6*	*5002.7*	*3806.3*	*2571.8*	*881.4*	*234.1*
60°	2746.9	4021.4	5227.9	*5695.2*	5682.8	4939.0	3853.9	2555.2	731.5	183.7
62.5°	2713.6	3902.4	4791.0	*5240.2*	5208.3	4492.1	3717.3	2457.6	545.9	136.6
65°	2542.8	3463.2	3993.8	*4305.1*	4295.1	3695.4	3199.5	2201.6	393.1	101.4
67.5°	2143.5	2711.3	3226.2	*3601.2*	3603.6	3016.8	2502.3	1759.4	267.5	80.9
70°	1507.7	1999.8	2742.7	*3160.0*	3179.1	2530.4	1853.7	1172.6	176.6	69.5
72.5°	900.4	1510.5	2280.6	*2597.5*	2587.5	2099.7	1375.4	699.1	107.6	61.9
75°	436.4	902.8	1152.7	*1336.8*	1329.2	1050.3	732.9	342.7	78.5	55.7
77.5°	118.5	277.5	446.4	*580.6*	596.3	420.7	240.3	91.9	49.0	41.9
80°	40.0	85.7	145.6	*198.0*	203.2	181.8	90.4	32.4	21.4	20.9
82.5°	15.2	20.9	26.7	*23.8*	23.8	24.7	19.5	13.8	10.0	8.6
85°	0.0	0.0	0.5	*1.0*	1.0	1.4	1.4	1.4	1.0	1.0
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

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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

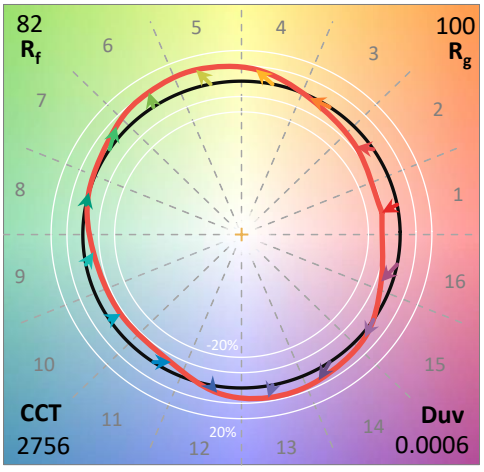
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-8
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-827-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2756
CIE u':	0.2599
CIE v':	0.5271
Duv:	0.0006
CIE x:	0.4563
CIE y:	0.4112
CIE z:	0.1325
Peak Wavelength (nm):	609
Dominant Wavelength (nm):	583
Purity:	60.41121
Rf:	82.2
Rg:	99.9

CRI (Ra):	82.9
R1:	81.6
R2:	88.8
R3:	96.0
R4:	83.4
R5:	81.4
R6:	87.0
R7:	84.0
R8:	60.8
R9:	10.8
R10:	74.8
R11:	84.3
R12:	72.1
R13:	82.9
R14:	97.3
R15:	73.7



Test Conditions

Stabilization Time:	29M
Operation Time:	1H 29M
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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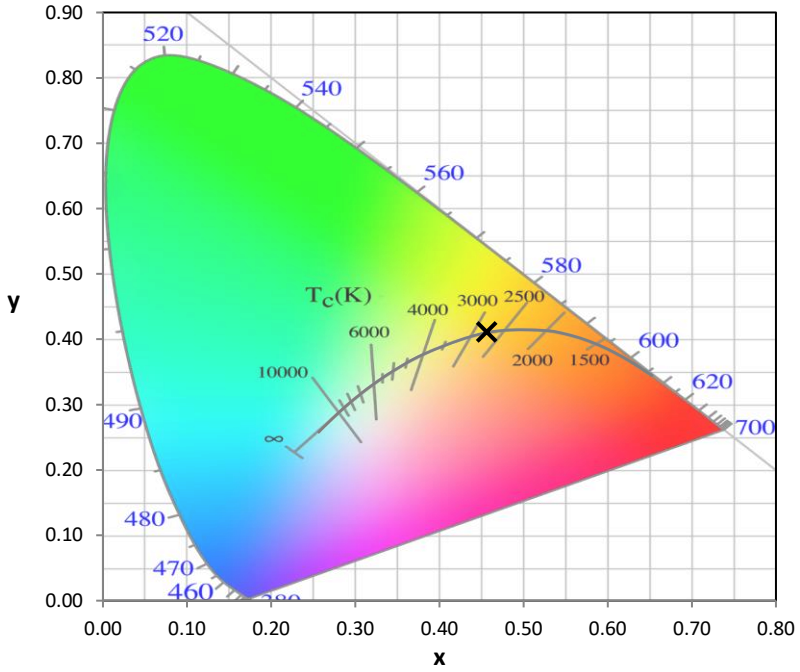
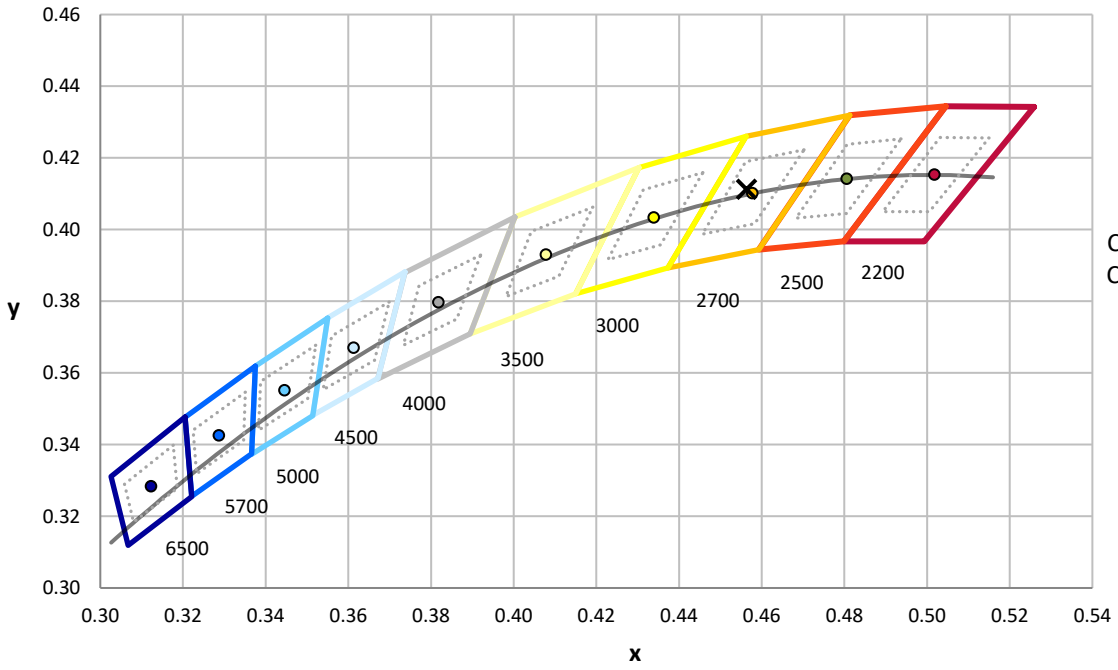
CIE 1931 Chromaticity Diagram



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



CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

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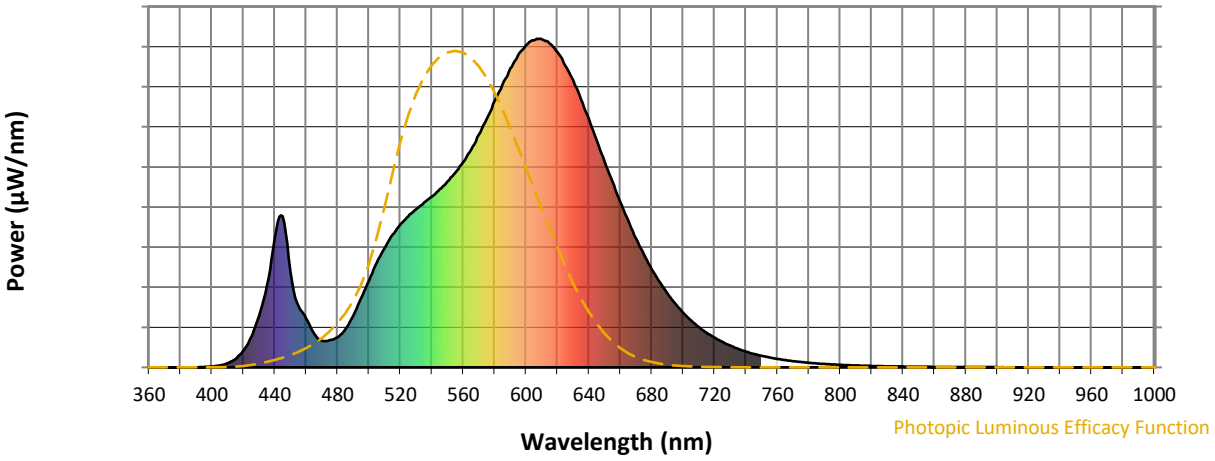
Photopic Flux vs. Wavelength



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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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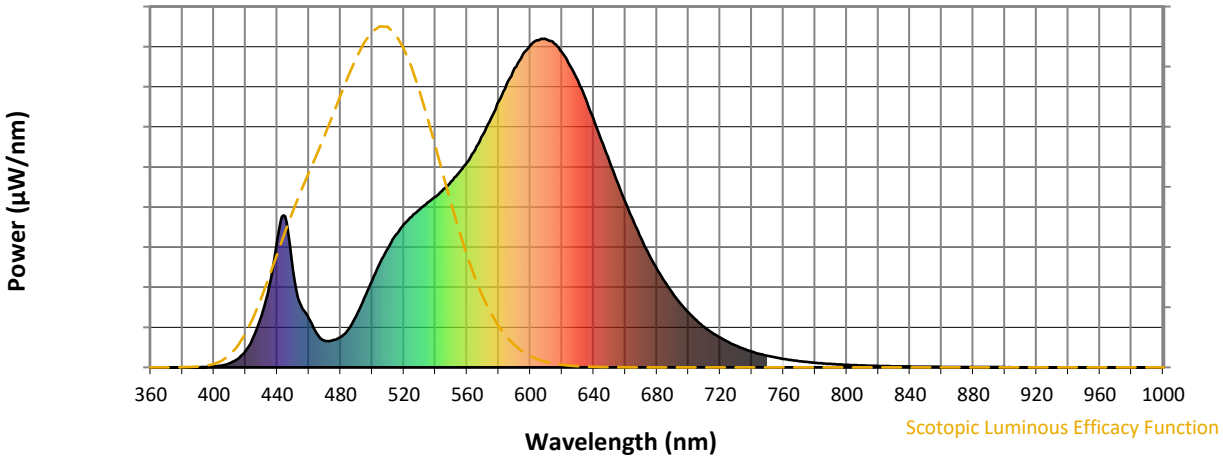
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.2**

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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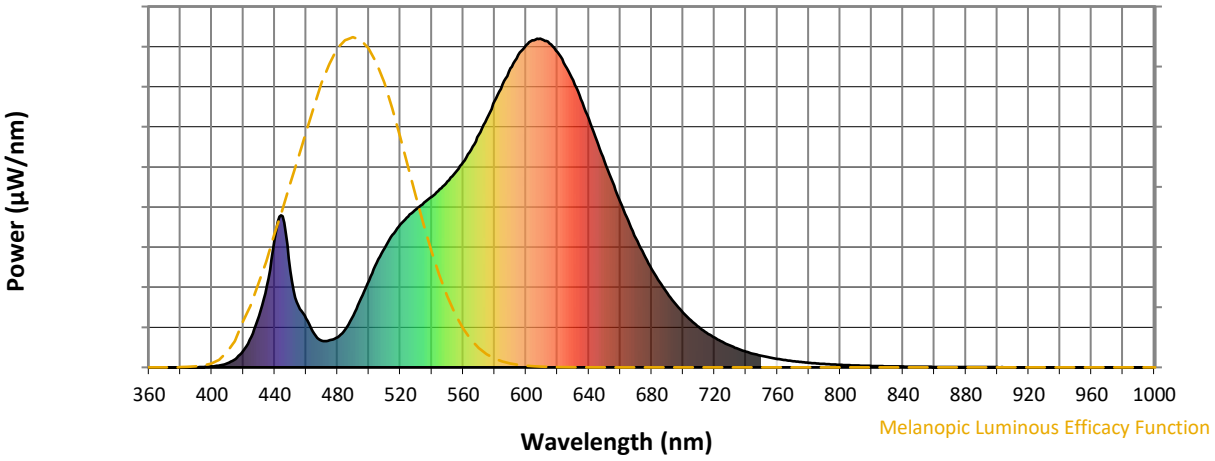
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.16**

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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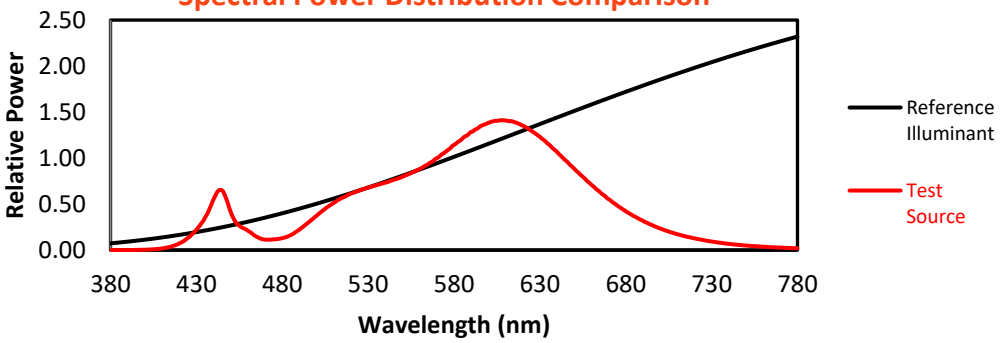
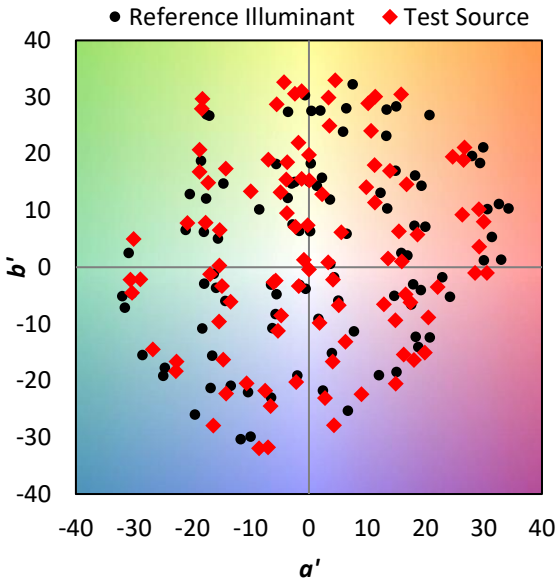
Summary

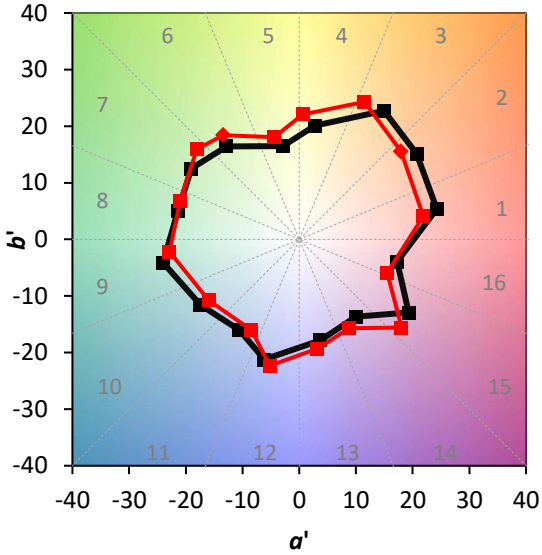
R_f = 82.2
R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

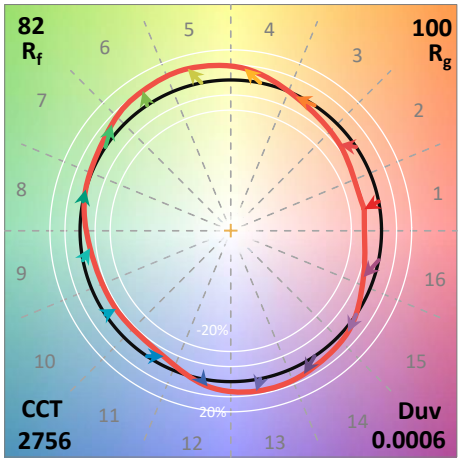
Spectral Power Distribution Comparison

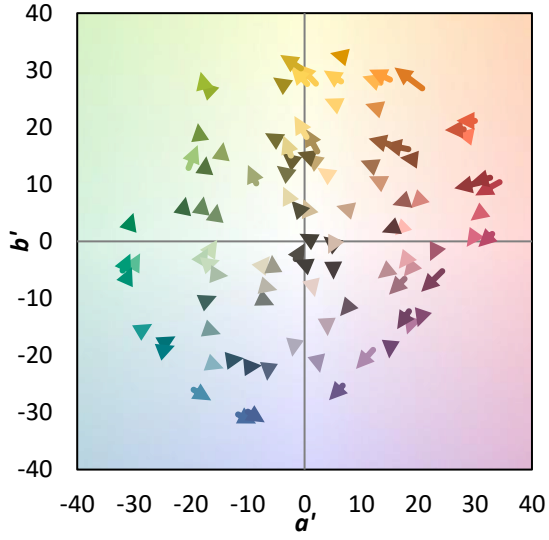


Color Vector Graphics









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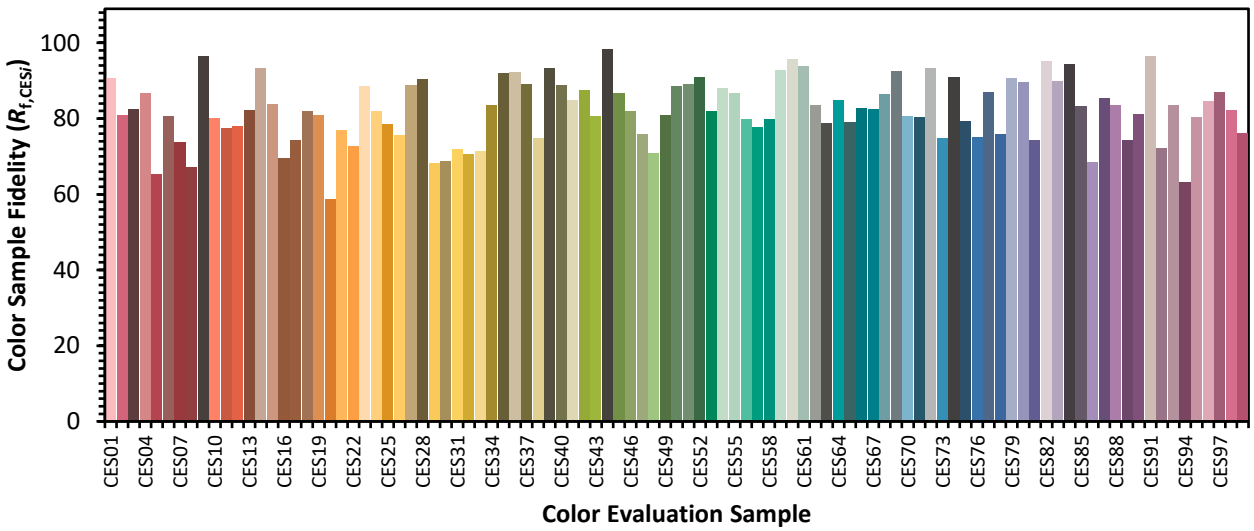
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



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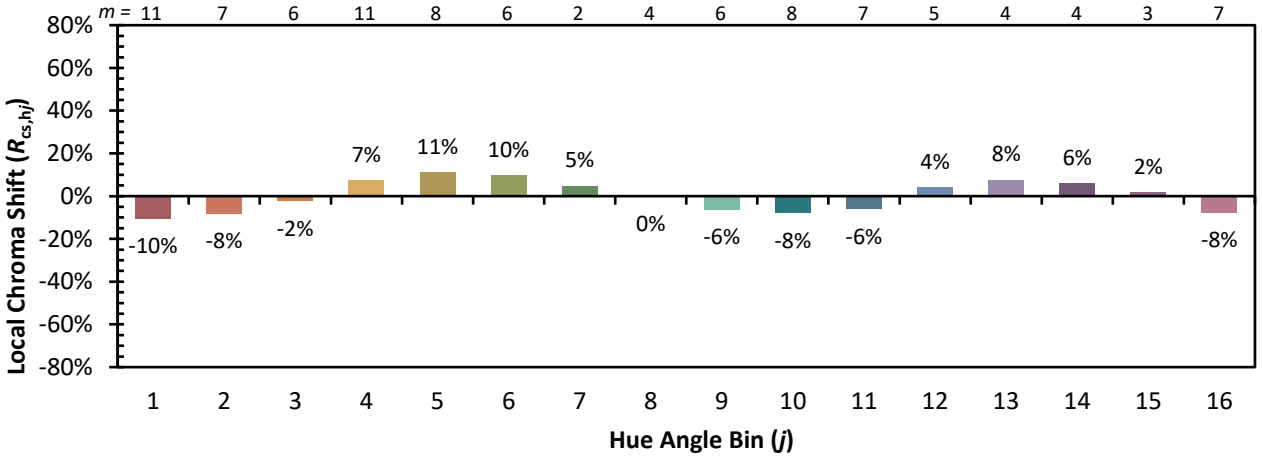
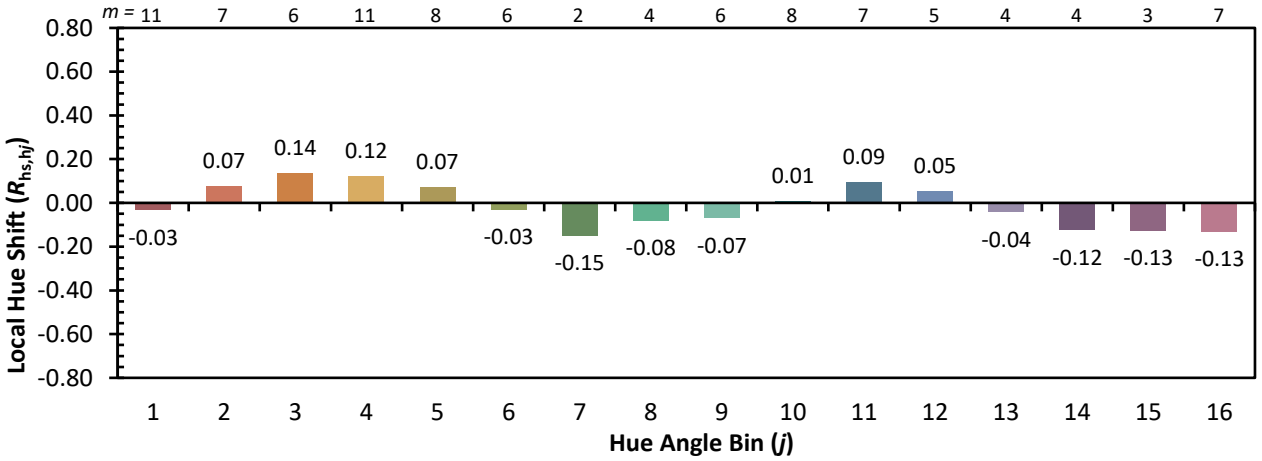
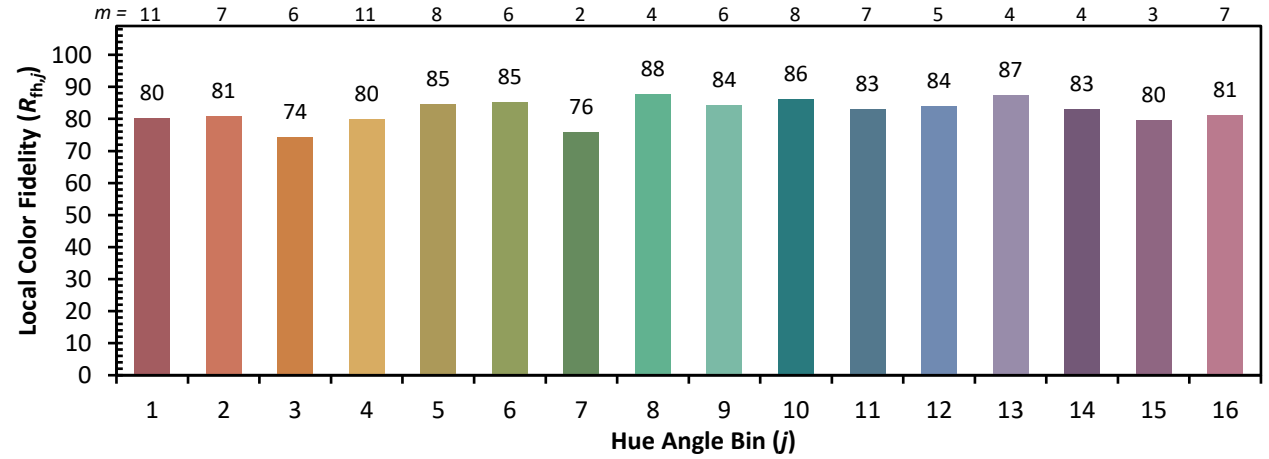
Color Rendition by Hue-Angle Bin







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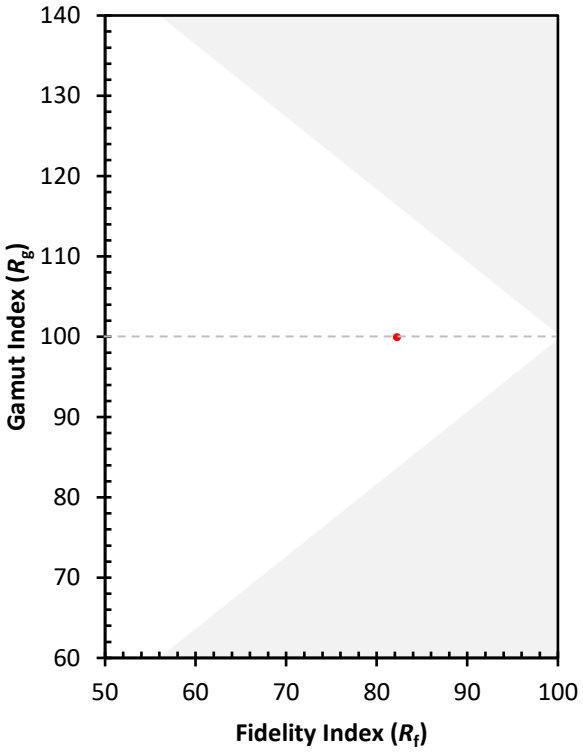
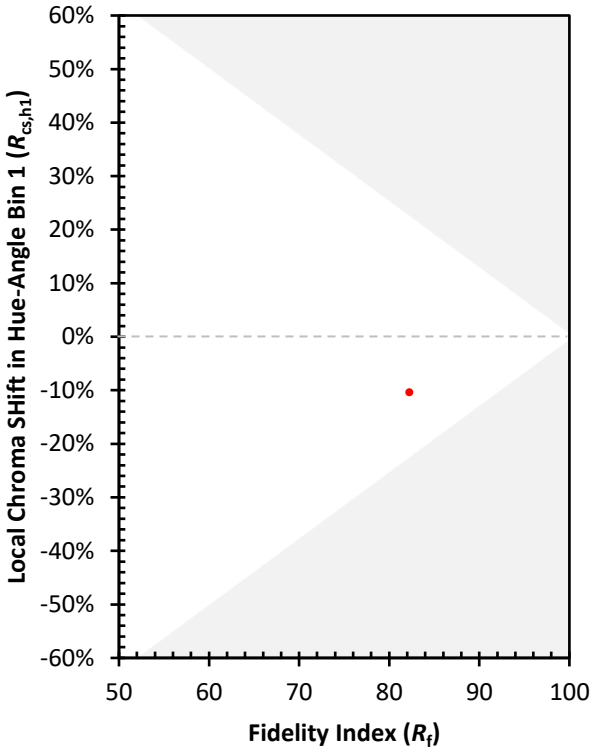
Measure Comparisons





(END OF REPORT)