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: P991280

Luminaire Tested: **GPC-SA1D-827-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:	P991280
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	07/03/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SA1D-827-U-RBC
Description:	GALLEON PEDESTRAIAN COMPANION 1200mA 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:	4023.8 lumens
Efficiency:	N/A
Efficacy:	71.7 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):	56.1
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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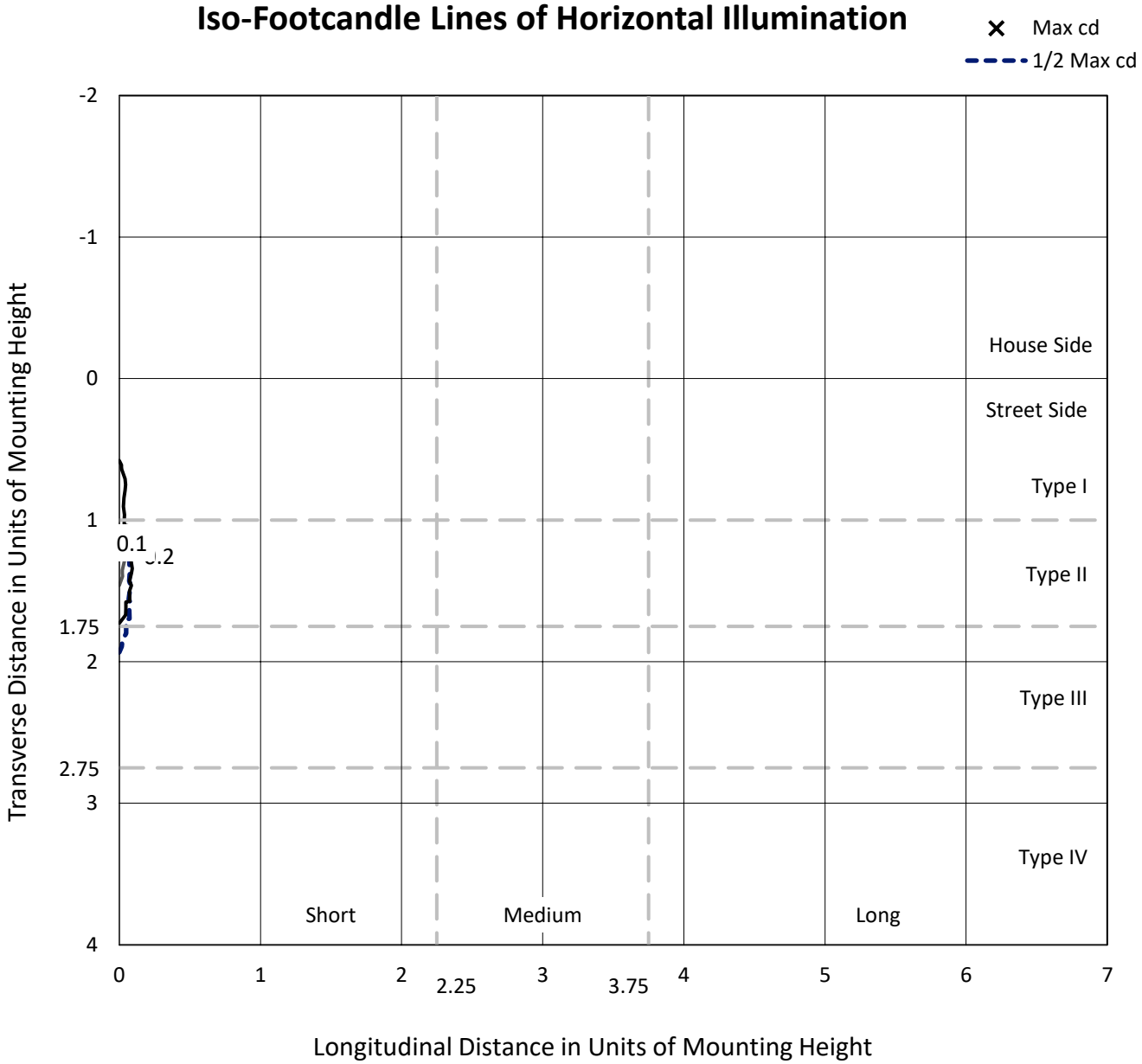
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 0.3 fc
Type III - Short - N/A

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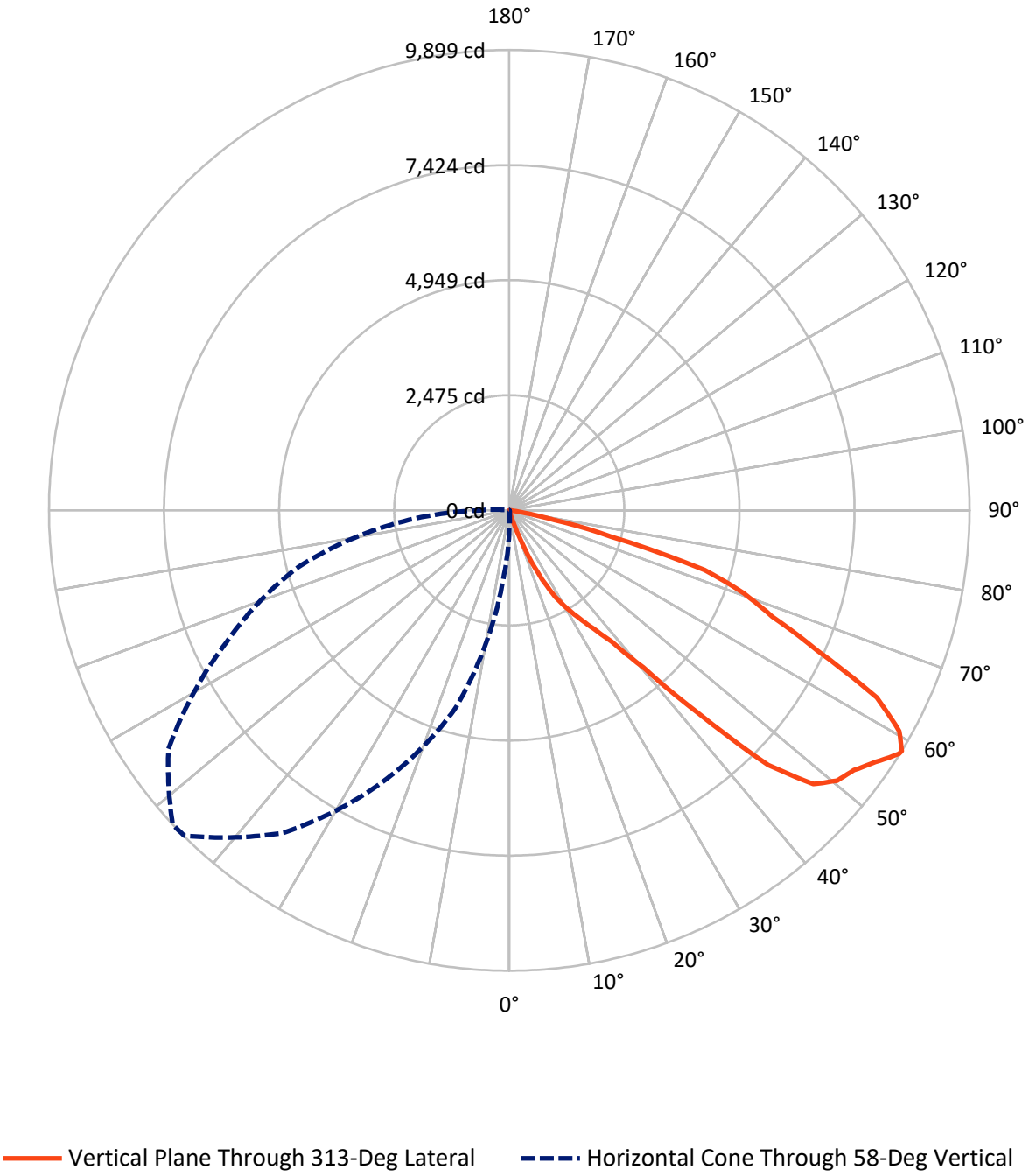
Luminous Intensity Polar Plot



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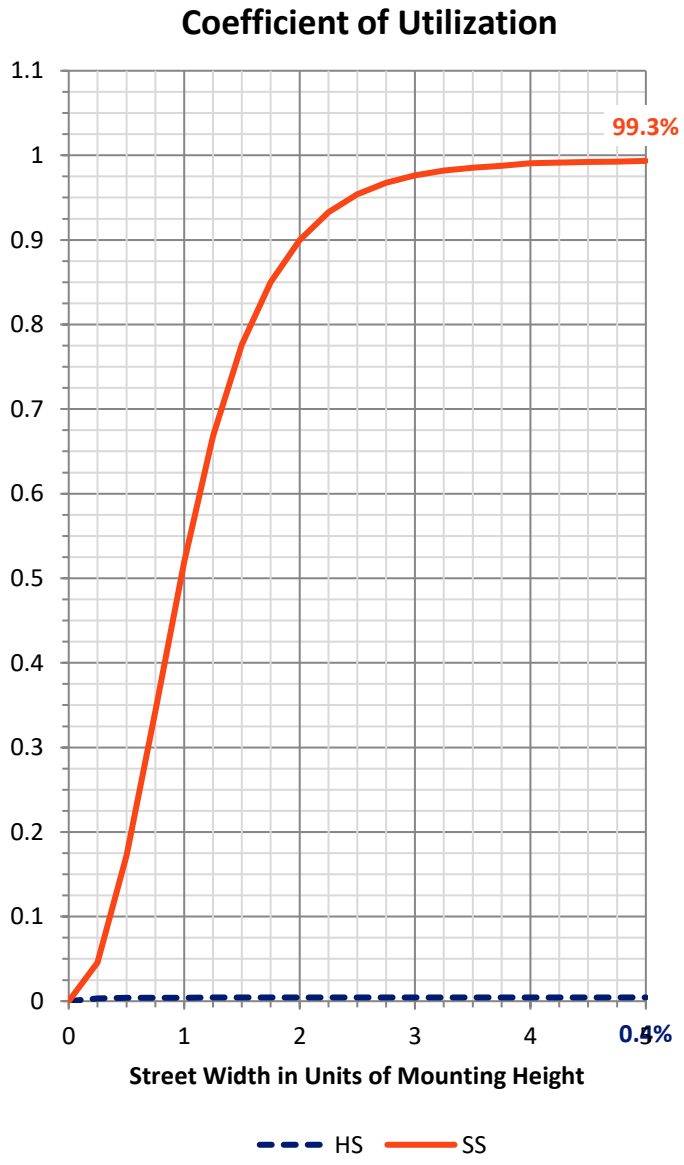
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	18.0	0.0	18.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	4005.8	0.0	4005.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	4023.8	0.0	4023.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.6	0.0
10°-20°	7.0	0.2
20°-30°	101.6	2.5
30°-40°	292.1	7.3
40°-50°	832.2	20.7
50°-60°	1309.0	32.5
60°-70°	1116.3	27.7
70°-80°	356.1	8.8
80°-90°	9.1	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°	4023.8	100.0
0°-180°	4023.8	100.0



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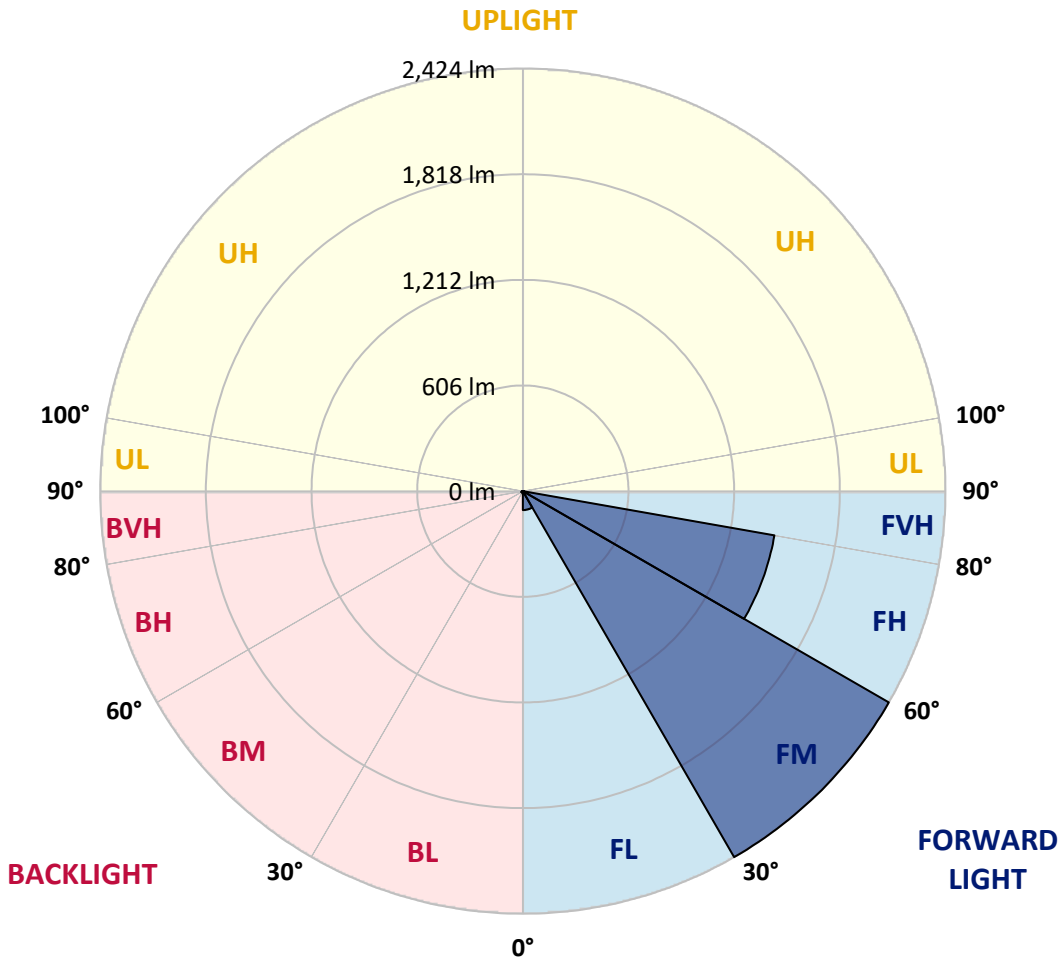
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	108.5	2.7			
FM	(30°-60°)	2423.6	60.2			
FH	(60°-80°)	1465.2	36.4			G1/1800
FVH	(80°-90°)	8.6	0.2			G0/10
BL	(0°-30°)	0.7	0.0	B0/110		
BM	(30°-60°)	9.6	0.2	B0/220		
BH	(60°-80°)	7.2	0.2	B0/110		G0/110
BVH	(80°-90°)	0.5	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-G1
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	47°	55°	65°	75°	85°
0°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
2.5°	14.5	15.3	16.1	15.3	13.7	10.5	10.5	8.1	5.6	3.2	2.4
5°	16.1	16.1	16.1	15.3	13.7	10.5	9.7	7.2	4.8	3.2	1.6
7.5°	17.7	17.7	16.9	15.3	12.9	10.5	9.7	7.2	4.8	2.4	0.0
10°	19.3	19.3	17.7	16.1	12.9	9.7	8.9	6.4	4.0	1.6	0.0
12.5°	21.7	20.9	18.5	16.1	12.9	8.9	8.9	6.4	3.2	0.8	0.0
15°	25.0	22.5	19.3	16.1	12.1	8.9	8.1	5.6	2.4	0.0	0.0
17.5°	27.4	25.0	20.1	15.3	11.3	8.1	7.2	4.8	2.4	0.0	0.0
20°	29.8	25.8	20.1	15.3	11.3	7.2	6.4	4.0	0.8	0.0	0.0
22.5°	33.8	27.4	20.1	15.3	10.5	6.4	5.6	3.2	0.0	0.0	0.0
25°	41.9	29.0	20.1	14.5	9.7	5.6	4.8	1.6	0.0	0.0	0.0
27.5°	51.5	31.4	20.1	13.7	8.9	4.8	4.0	0.8	0.0	0.0	0.0
30°	62.0	33.8	20.1	13.7	8.1	4.0	3.2	0.0	0.0	0.0	0.0
32.5°	73.3	37.0	20.1	12.9	7.2	3.2	2.4	0.0	0.0	0.0	0.0
35°	94.2	41.9	20.1	12.9	6.4	2.4	1.6	0.0	0.0	0.0	0.0
37.5°	103.9	48.3	20.1	12.1	6.4	1.6	0.8	0.0	0.0	0.0	0.0
40°	107.9	46.7	19.3	12.1	5.6	0.8	0.0	0.0	0.0	0.0	0.0
42.5°	116.8	43.5	20.1	11.3	5.6	0.8	0.0	0.0	0.0	0.0	0.0
45°	142.5	43.5	21.7	11.3	4.8	1.6	0.0	0.0	0.0	0.0	0.0
47.5°	247.2	45.1	20.9	11.3	4.8	1.6	0.0	0.0	0.0	0.0	0.0
50°	406.7	53.1	20.1	12.1	5.6	0.8	0.0	0.0	0.0	0.0	0.0
52.5°	471.9	64.4	20.1	12.9	7.2	0.0	0.0	0.0	0.0	0.0	0.0
55°	452.6	78.9	20.1	13.7	8.9	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	411.5	74.9	21.7	16.1	11.3	0.0	0.0	0.0	0.0	0.0	0.0
58°	*396.2*	*74.9*	*21.7*	*16.1*	*11.3*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	310.8	76.5	25.0	17.7	12.1	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	231.1	78.1	28.2	20.1	12.1	0.8	0.0	0.0	0.0	0.0	0.0
65°	171.5	81.3	29.8	23.4	11.3	1.6	0.0	0.0	0.0	0.0	0.0
67.5°	136.9	83.8	32.2	25.8	12.9	3.2	0.8	0.0	0.0	0.0	0.0
70°	117.6	80.5	34.6	26.6	12.1	4.8	2.4	0.0	0.0	0.0	0.0
72.5°	104.7	75.7	39.5	25.8	12.9	4.8	2.4	0.0	0.0	0.0	0.0
75°	94.2	69.3	45.1	25.0	12.9	4.8	3.2	0.0	0.0	0.0	0.0
77.5°	70.9	60.4	44.3	24.2	12.1	4.8	3.2	0.0	0.0	0.0	0.0
80°	35.4	40.3	38.7	21.7	9.7	4.0	3.2	0.8	0.0	0.0	0.0
82.5°	14.5	15.3	19.3	16.1	8.1	3.2	3.2	0.8	0.0	0.0	0.0
85°	1.6	3.2	5.6	6.4	5.6	3.2	3.2	0.8	0.0	0.0	0.0
87.5°	0.0	0.8	3.2	4.8	4.0	2.4	1.6	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°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
2.5°	1.6	1.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
5°	0.8	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°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
2.5°	0.8	1.6	1.6	1.6	2.4	2.4	3.2	4.0	4.0	4.0	4.8
5°	0.0	0.0	0.8	0.8	1.6	2.4	3.2	4.8	5.6	5.6	6.4
7.5°	0.0	0.0	0.0	0.8	1.6	2.4	3.2	4.8	6.4	7.2	8.1
10°	0.0	0.0	0.0	0.0	0.8	1.6	3.2	5.6	8.1	9.7	11.3
12.5°	0.0	0.0	0.0	0.0	0.0	0.8	3.2	6.4	9.7	12.1	13.7
15°	0.0	0.0	0.0	0.0	0.0	0.8	3.2	6.4	12.1	14.5	17.7
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	3.2	7.2	13.7	17.7	24.2
20°	0.0	0.0	0.0	0.0	0.0	0.0	2.4	7.2	15.3	21.7	36.2
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	2.4	7.2	16.9	28.2	66.8
25°	0.0	0.0	0.0	0.0	0.0	0.0	1.6	7.2	19.3	41.9	111.1
27.5°	0.0	0.0	0.0	0.0	0.0	0.0	1.6	8.1	23.4	58.8	162.7
30°	0.0	0.0	0.0	0.0	0.0	0.0	1.6	8.1	29.0	79.7	227.1
32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.8	8.1	33.8	100.7	309.2
35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	40.3	133.7	388.2
37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	49.9	147.4	455.0
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	47.5	160.3	531.5
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	43.5	178.8	651.5
45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	43.5	236.8	917.2
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	53.1	368.8	1402.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	68.5	566.1	1996.3
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	82.9	696.6	2341.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	99.9	697.4	2329.7
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	111.1	624.1	2102.6
58°	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*5.6*	*110.3*	*604.0*	*2039.8*
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.8	8.1	96.6	524.2	1780.5
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	3.2	12.9	84.6	376.1	1476.1
65°	0.0	0.0	0.0	0.0	0.0	0.0	6.4	14.5	77.3	273.0	1108.1
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	8.1	16.9	74.1	193.3	770.7
70°	0.0	0.0	0.0	0.0	0.0	0.0	9.7	19.3	68.5	138.5	507.3
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	9.7	24.2	64.4	108.7	306.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	9.7	30.6	56.4	88.6	164.3
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	9.7	33.0	46.7	64.4	99.9
80°	0.0	0.0	0.0	0.0	0.0	0.0	8.9	29.8	33.8	28.2	33.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	4.8	17.7	7.2	7.2	11.3
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: P991280
CATALOG NUMBER: GPC-SA1D-827-U-RBC

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	313°	315°	325°	335°	345°	355°	360°
0°	5.6	5.6	5.6	*5.6*	5.6	5.6	5.6	5.6	5.6	5.6
2.5°	5.6	5.6	5.6	*5.6*	6.4	6.4	8.9	11.3	13.7	14.5
5°	7.2	8.1	8.9	*8.9*	8.9	9.7	11.3	12.9	15.3	16.1
7.5°	10.5	11.3	12.9	*12.9*	12.9	13.7	14.5	16.1	17.7	17.7
10°	13.7	16.1	16.9	*17.7*	18.5	18.5	18.5	19.3	20.1	19.3
12.5°	18.5	21.7	25.8	*26.6*	26.6	26.6	25.8	24.2	22.5	21.7
15°	25.8	35.4	48.3	*53.1*	50.7	45.1	39.5	30.6	26.6	25.0
17.5°	47.5	96.6	175.6	*194.1*	190.0	163.5	95.8	46.7	31.4	27.4
20°	128.0	312.5	515.4	*564.5*	590.3	488.8	282.7	108.7	38.7	29.8
22.5°	276.2	649.1	1005.8	*1133.0*	1141.1	918.0	550.0	220.7	55.6	33.8
25°	444.5	1038.0	1524.4	*1647.6*	1650.0	1414.9	879.4	357.6	84.6	41.9
27.5°	681.3	1455.2	1999.5	*2101.8*	2100.2	1861.8	1270.8	546.0	118.4	51.5
30°	923.7	1780.5	2312.8	*2440.0*	2452.1	2167.0	1597.7	769.1	154.6	62.0
32.5°	1163.7	2021.3	2598.7	*2767.8*	2757.3	2436.8	1825.6	951.9	216.6	73.3
35°	1352.9	2226.6	2915.2	*3122.9*	3131.0	2733.2	2027.7	1129.0	269.8	94.2
37.5°	1514.8	2491.6	3336.3	*3576.3*	3586.8	3102.0	2239.5	1303.0	315.7	103.9
40°	1714.5	2926.4	4033.7	*4441.2*	4442.8	3789.7	2620.4	1497.8	377.7	107.9
42.5°	2163.0	3858.2	5396.3	*5981.7*	6032.5	5216.7	3486.1	1920.6	475.1	116.8
45°	3060.1	5086.2	7134.1	*7808.1*	7872.6	6992.4	4970.3	2896.6	689.3	142.5
47.5°	4127.1	6154.1	8143.9	*8793.0*	8835.7	7832.3	5964.0	4025.7	1173.3	247.2
50°	4783.5	6549.5	8515.2	*9134.5*	9141.7	8108.5	6275.7	4611.9	1671.8	406.7
52.5°	4987.2	6600.2	8529.7	*9278.6*	9299.5	8076.3	6318.3	4730.3	1879.6	471.9
55°	4904.2	6570.4	8682.7	*9554.0*	9576.6	8207.6	6289.4	4600.7	1782.1	452.6
57.5°	4715.0	6686.4	8933.9	*9881.0*	9881.0	8450.0	6396.5	4383.2	1543.8	411.5
58°	*4686.8*	*6715.4*	*8947.6*	*9898.7*	*9891.4*	*8465.3*	*6440.7*	*4351.8*	*1491.4*	*396.2*
60°	4648.2	6804.7	8846.2	*9637.0*	9616.0	8357.4	6521.3	4323.6	1237.7	310.8
62.5°	4591.8	6603.4	8106.9	*8867.1*	8813.1	7601.2	6290.2	4158.5	923.7	231.1
65°	4302.7	5860.1	6758.0	*7284.7*	7267.8	6253.1	5414.0	3725.3	665.2	171.5
67.5°	3627.0	4587.8	5459.1	*6093.7*	6097.7	5104.8	4234.2	2977.2	452.6	136.9
70°	2551.2	3383.8	4640.9	*5347.2*	5379.4	4281.8	3136.6	1984.2	298.8	117.6
72.5°	1523.6	2556.0	3859.0	*4395.3*	4378.4	3553.0	2327.3	1183.0	182.0	104.7
75°	738.5	1527.6	1950.4	*2262.1*	2249.2	1777.3	1240.2	579.8	132.9	94.2
77.5°	200.5	469.5	755.4	*982.5*	1009.0	711.9	406.7	155.4	82.9	70.9
80°	67.6	145.0	246.4	*335.0*	343.9	307.6	153.0	54.8	36.2	35.4
82.5°	25.8	35.4	45.1	*40.3*	40.3	41.9	33.0	23.4	16.9	14.5
85°	0.0	0.0	0.8	*1.6*	1.6	2.4	2.4	2.4	1.6	1.6
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

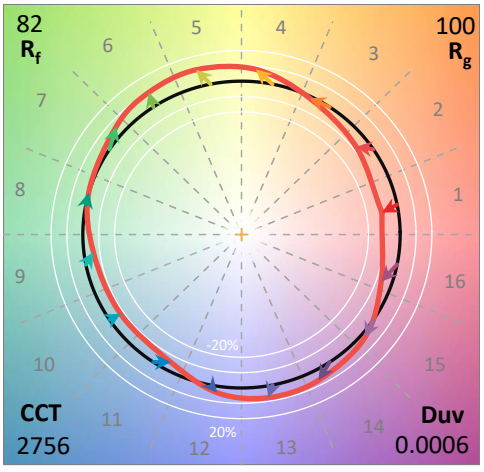
Test Information

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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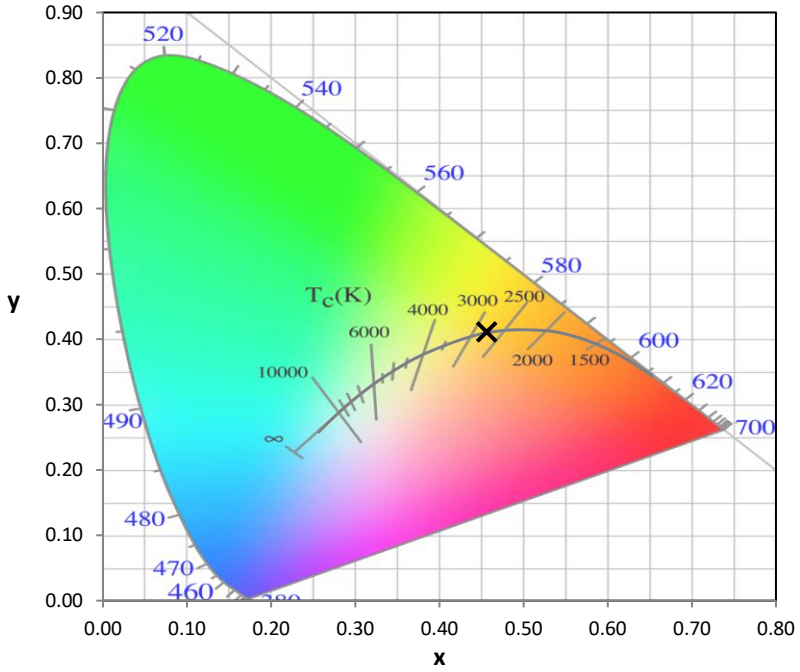
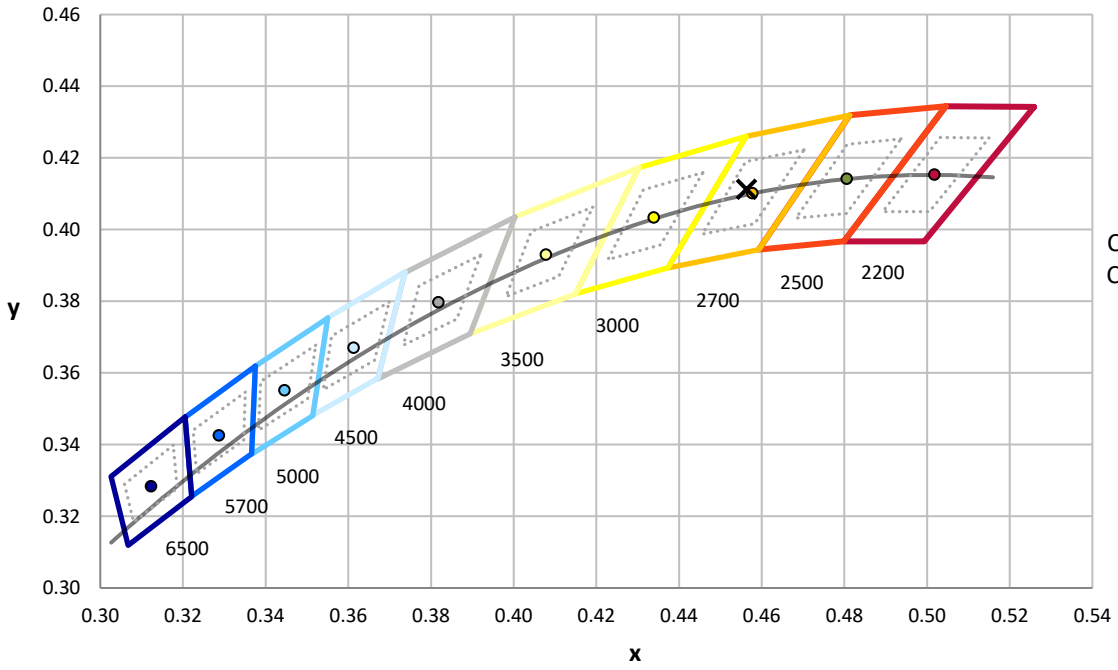
CIE 1931 Chromaticity Diagram



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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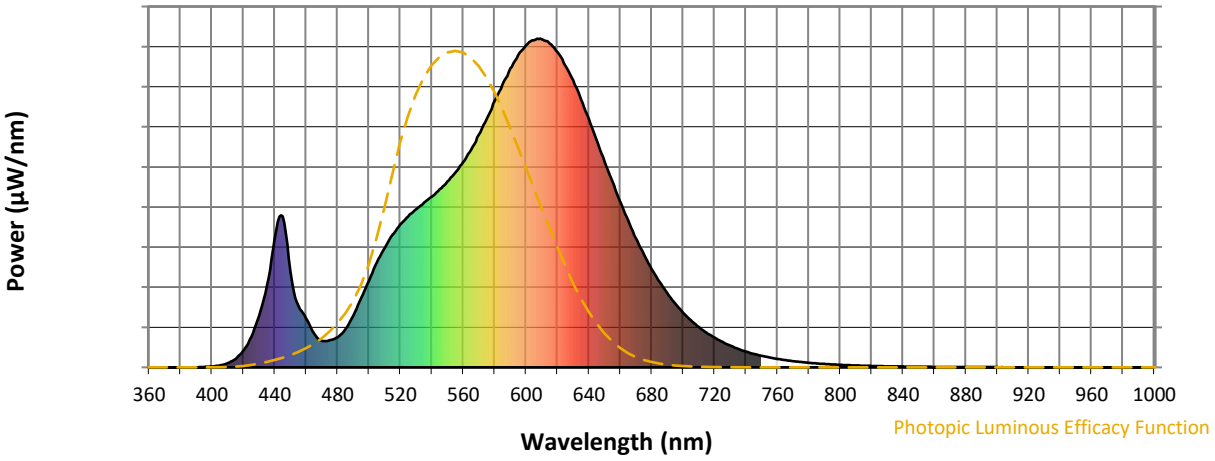
Photopic Flux vs. Wavelength



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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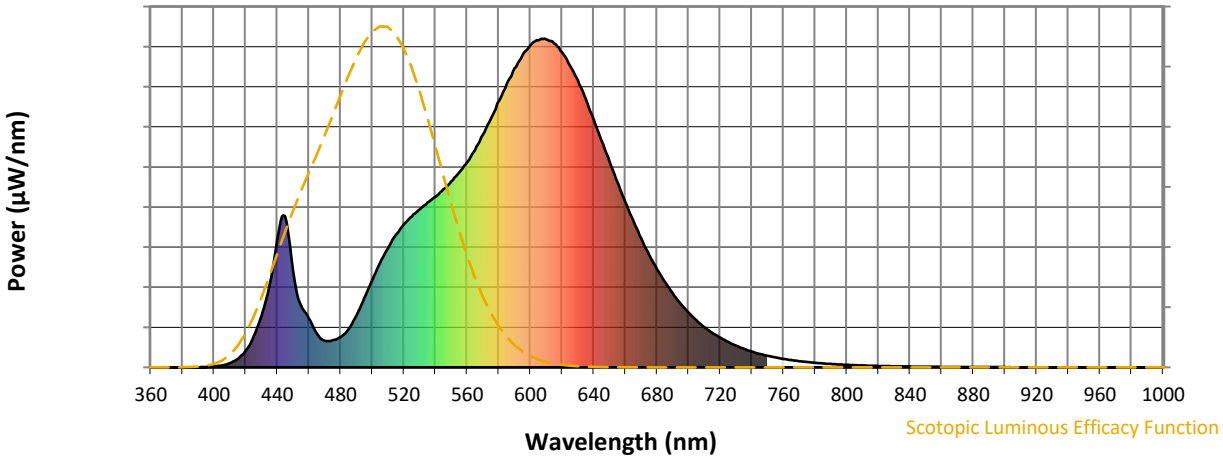
Scotopic Flux vs. Wavelength



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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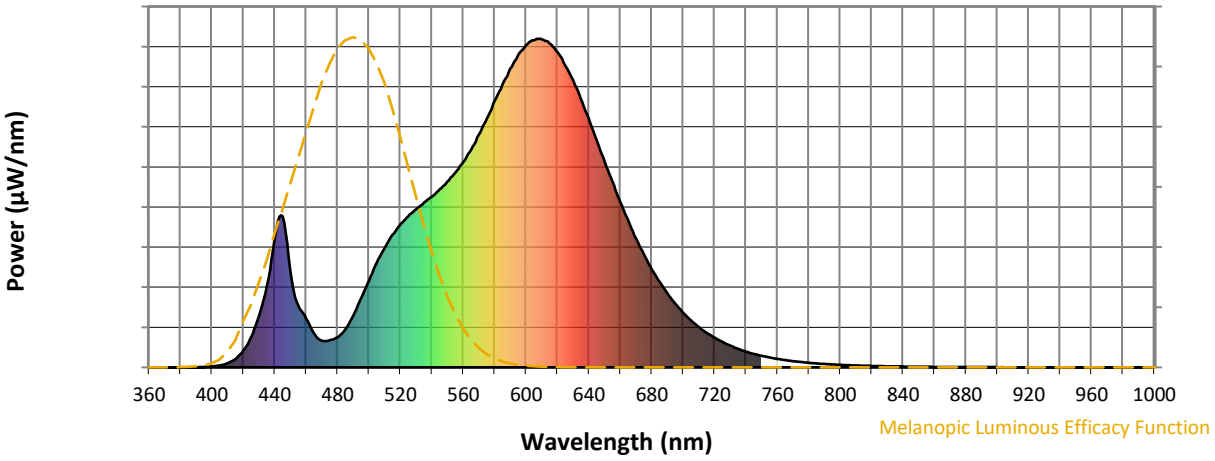
Melanopic Flux vs. Wavelength



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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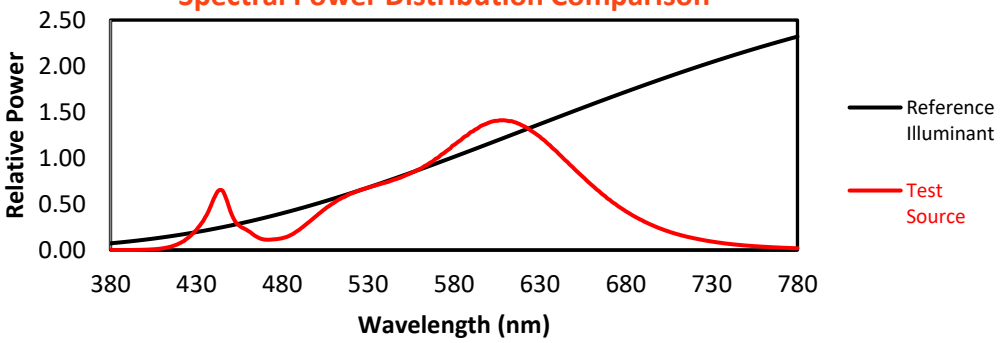
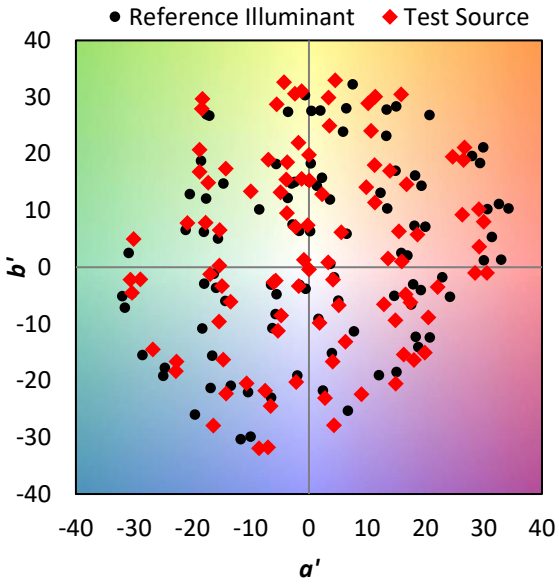
Summary

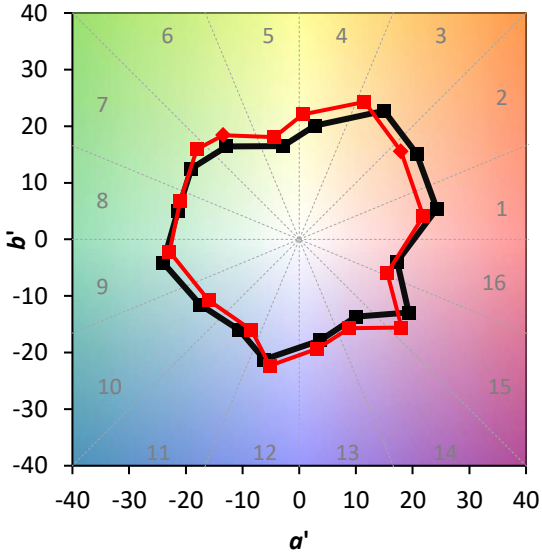
R_f = 82.2
R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

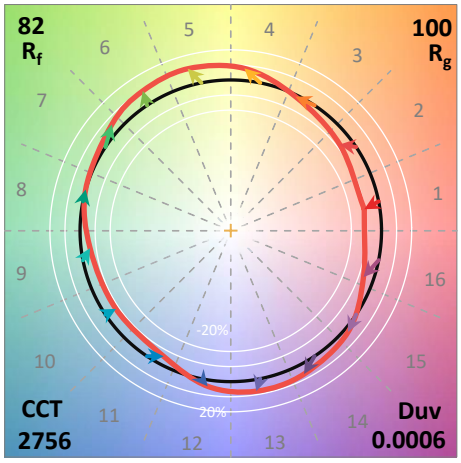
Spectral Power Distribution Comparison

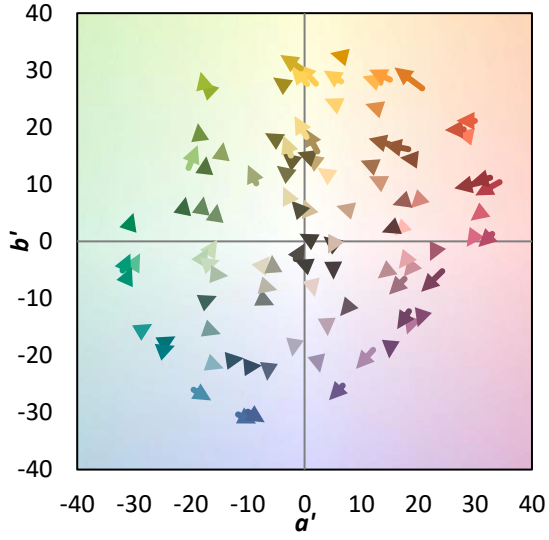


Color Vector Graphics









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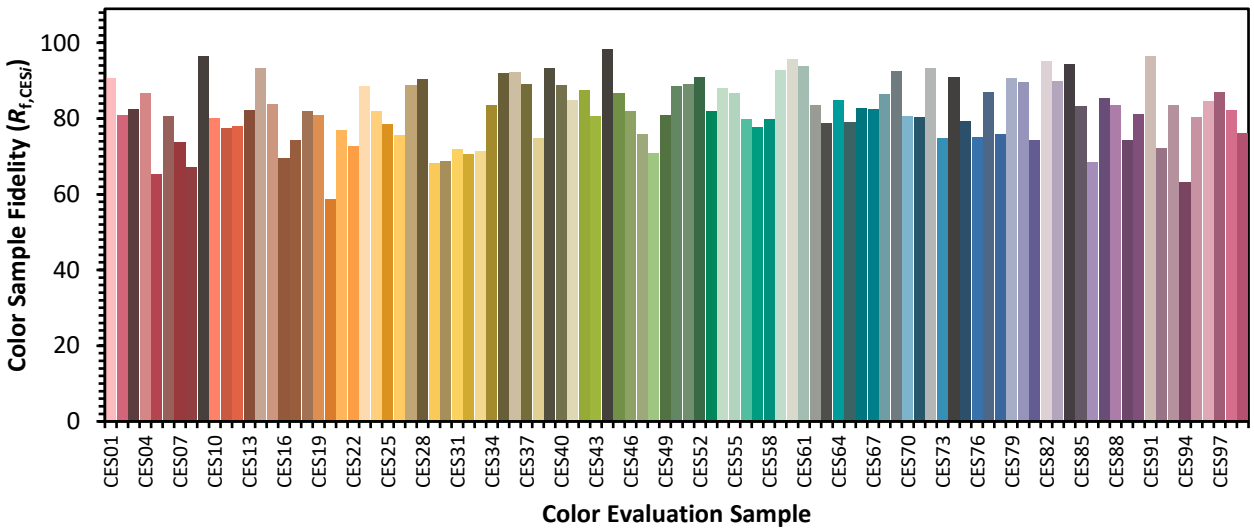
Individual Sample Fidelity Index ($R_{f,i}$)

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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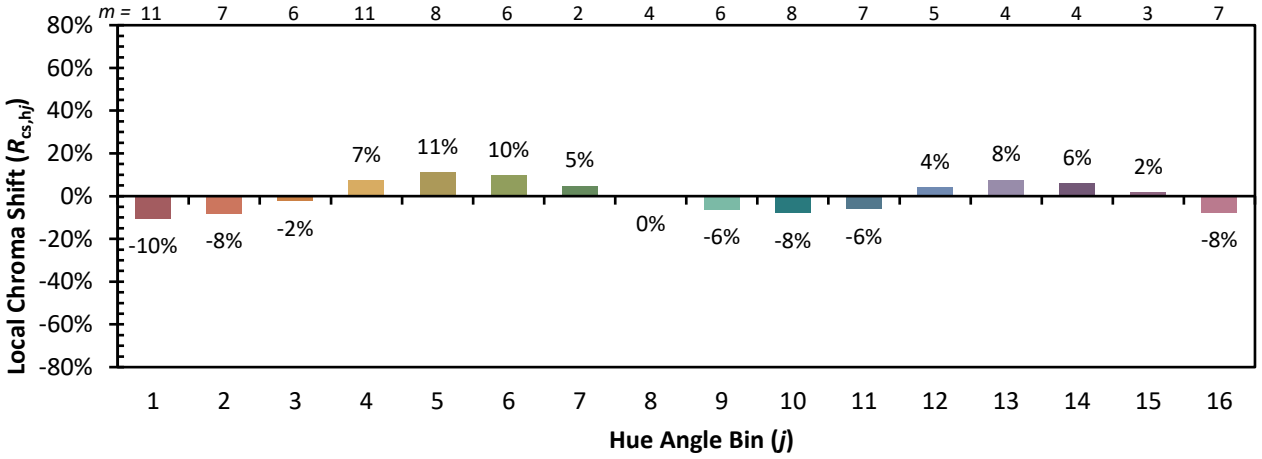
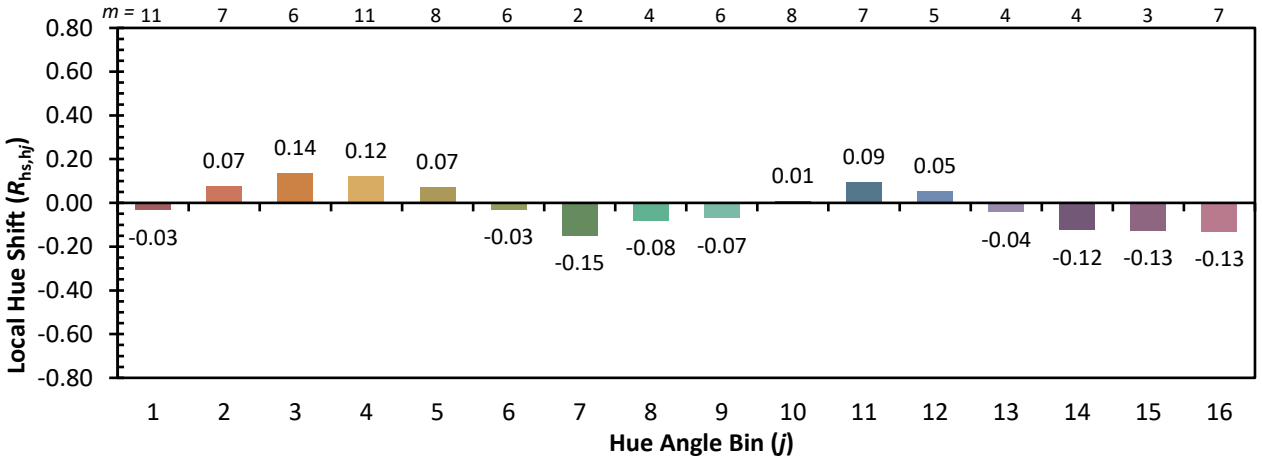
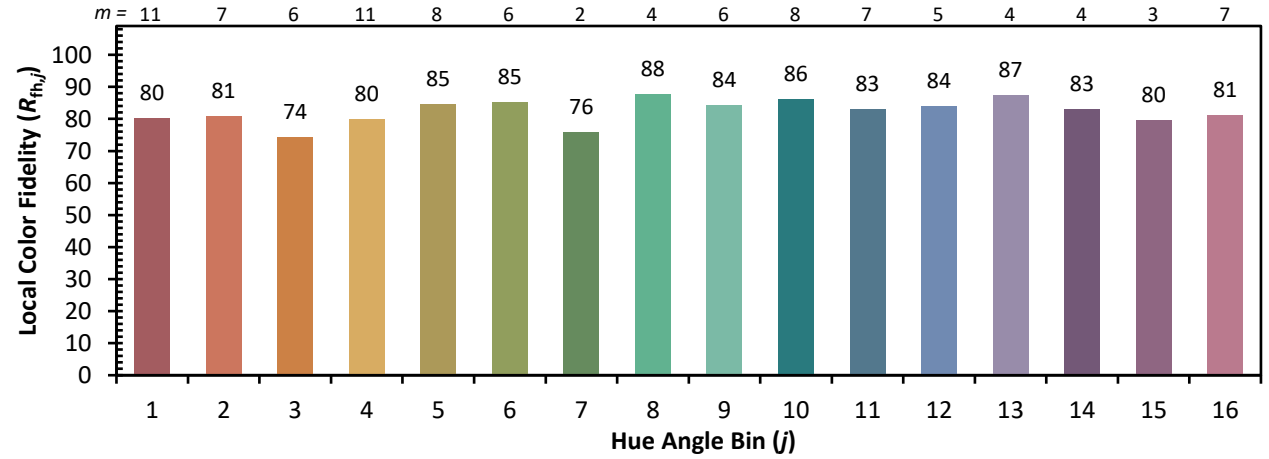
Color Rendition by Hue-Angle Bin







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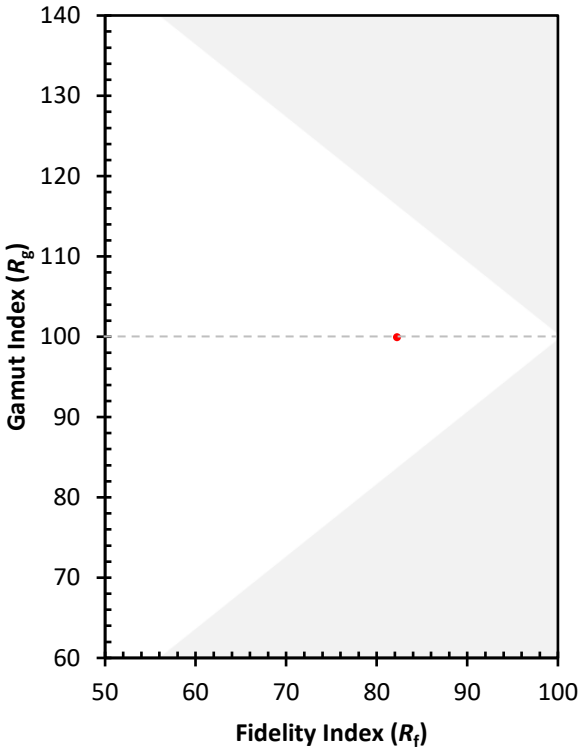
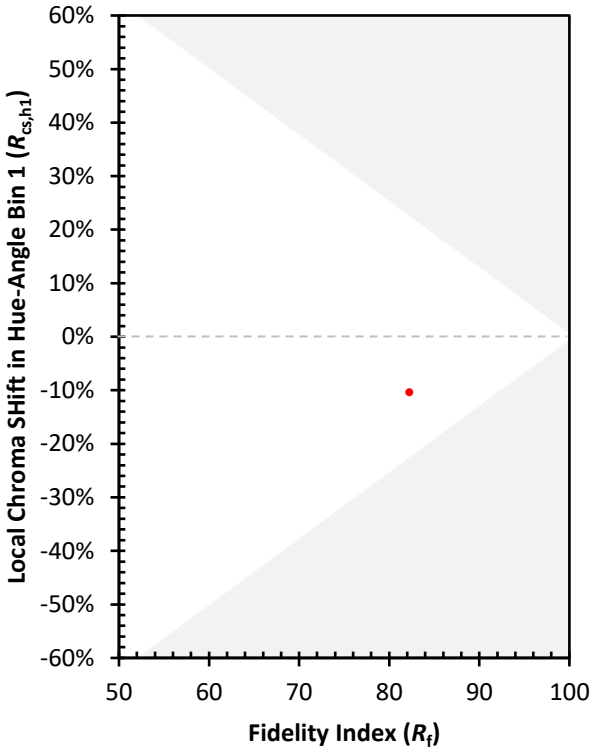
Measure Comparisons





(END OF REPORT)