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: P991238

Luminaire Tested: **GPC-SA2B-727-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:	P991238
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	07/03/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SA2B-727-U-RBC
Description:	GALLEON PEDESTRAIAN COMPANION 800mA 2xLight Square PACKAGE 70CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source:	(28) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6509.2 lumens
Efficiency:	N/A
Efficacy:	90.2 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):	72.2
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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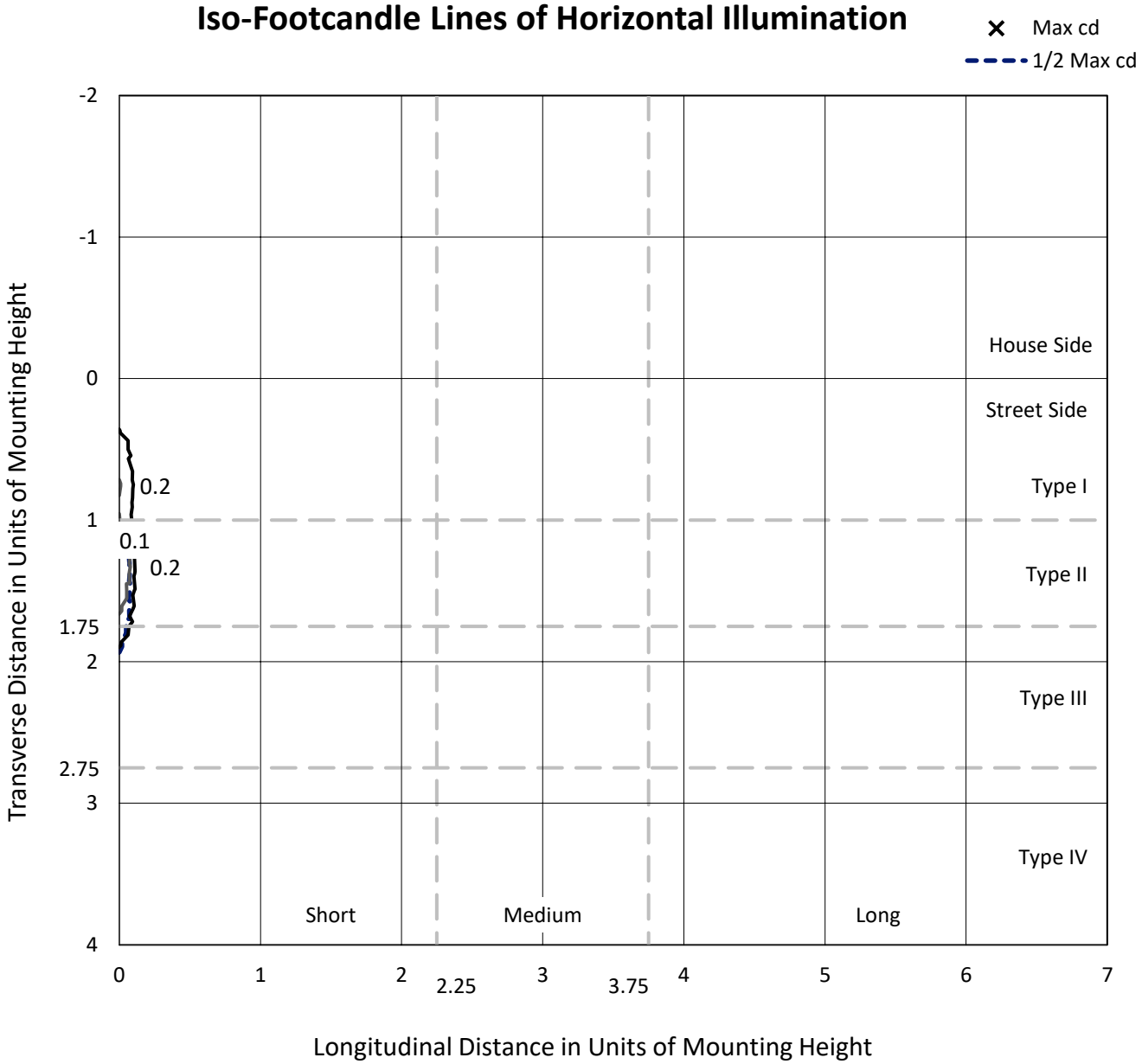
Iso-Footcandle Lines of Horizontal Illumination



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

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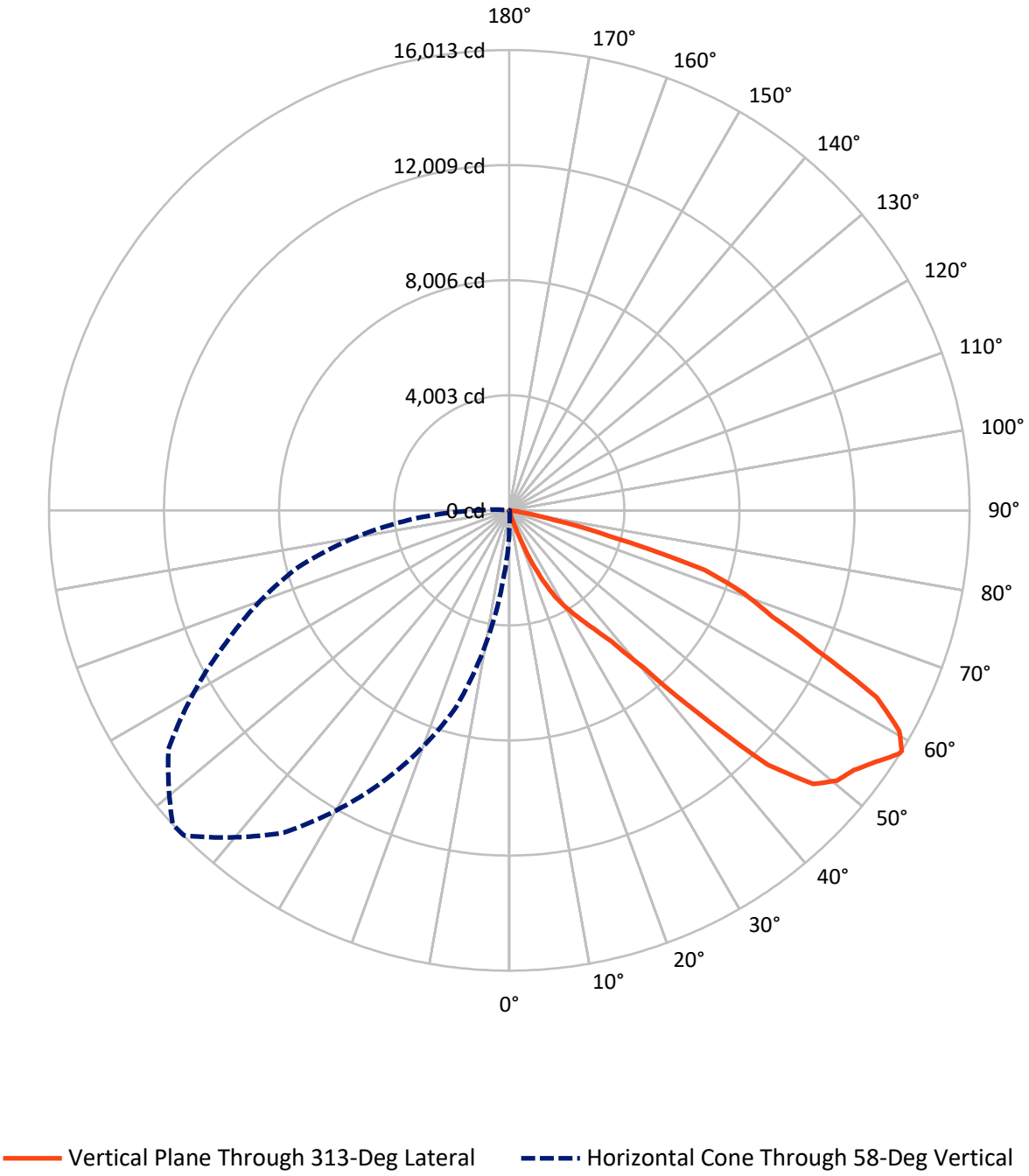
Luminous Intensity Polar Plot



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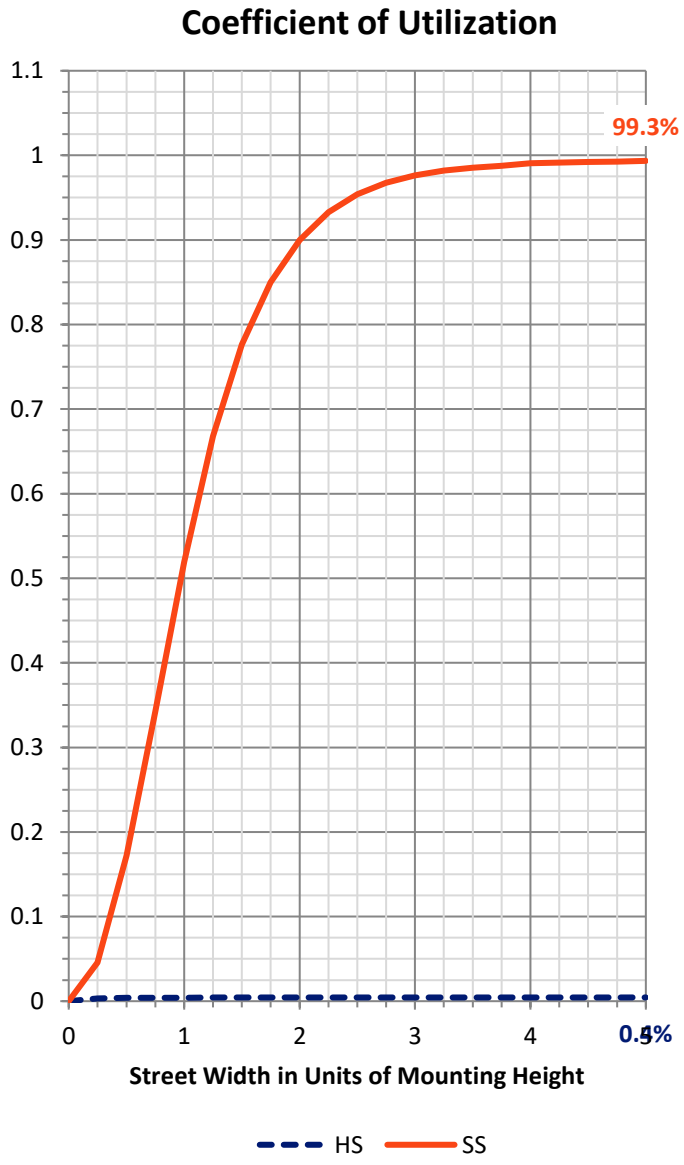
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	29.1	0.0	29.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	6480.1	0.0	6480.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	6509.2	0.0	6509.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.9	0.0
10°-20°	11.3	0.2
20°-30°	164.4	2.5
30°-40°	472.6	7.3
40°-50°	1346.2	20.7
50°-60°	2117.4	32.5
60°-70°	1805.7	27.7
70°-80°	576.0	8.8
80°-90°	14.7	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°	6509.2	100.0
0°-180°	6509.2	100.0



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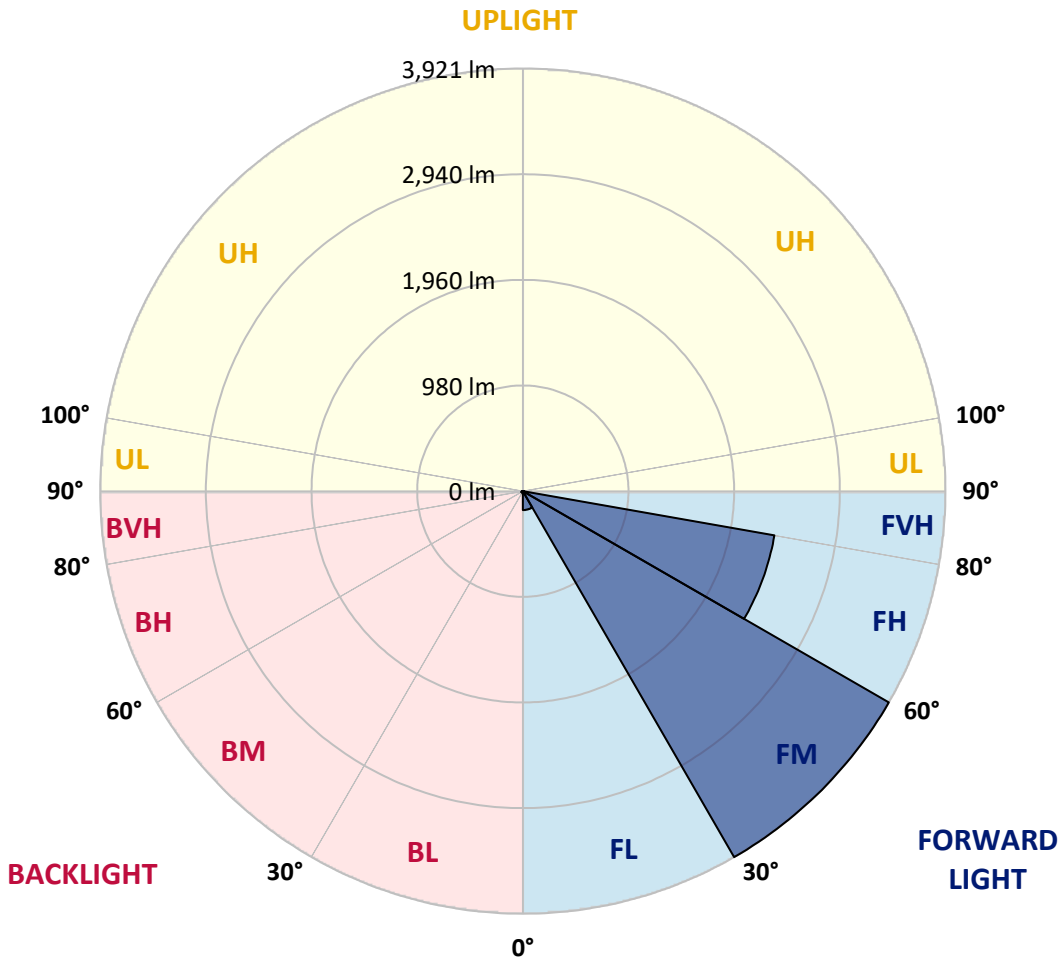
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	175.5	2.7			
FM	(30°-60°)	3920.6	60.2			
FH	(60°-80°)	2370.1	36.4			G2/5000
FVH	(80°-90°)	13.9	0.2			G1/100
BL	(0°-30°)	1.2	0.0	B0/110		
BM	(30°-60°)	15.6	0.2	B0/220		
BH	(60°-80°)	11.6	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°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
2.5°	23.4	24.8	26.1	24.8	22.1	16.9	16.9	13.0	9.1	5.2	3.9
5°	26.1	26.1	26.1	24.8	22.1	16.9	15.6	11.7	7.8	5.2	2.6
7.5°	28.7	28.7	27.4	24.8	20.8	16.9	15.6	11.7	7.8	3.9	0.0
10°	31.3	31.3	28.7	26.1	20.8	15.6	14.3	10.4	6.5	2.6	0.0
12.5°	35.2	33.9	30.0	26.1	20.8	14.3	14.3	10.4	5.2	1.3	0.0
15°	40.4	36.5	31.3	26.1	19.5	14.3	13.0	9.1	3.9	0.0	0.0
17.5°	44.3	40.4	32.6	24.8	18.2	13.0	11.7	7.8	3.9	0.0	0.0
20°	48.2	41.7	32.6	24.8	18.2	11.7	10.4	6.5	1.3	0.0	0.0
22.5°	54.7	44.3	32.6	24.8	16.9	10.4	9.1	5.2	0.0	0.0	0.0
25°	67.7	46.9	32.6	23.4	15.6	9.1	7.8	2.6	0.0	0.0	0.0
27.5°	83.4	50.8	32.6	22.1	14.3	7.8	6.5	1.3	0.0	0.0	0.0
30°	100.3	54.7	32.6	22.1	13.0	6.5	5.2	0.0	0.0	0.0	0.0
32.5°	118.5	59.9	32.6	20.8	11.7	5.2	3.9	0.0	0.0	0.0	0.0
35°	152.4	67.7	32.6	20.8	10.4	3.9	2.6	0.0	0.0	0.0	0.0
37.5°	168.0	78.2	32.6	19.5	10.4	2.6	1.3	0.0	0.0	0.0	0.0
40°	174.6	75.6	31.3	19.5	9.1	1.3	0.0	0.0	0.0	0.0	0.0
42.5°	188.9	70.3	32.6	18.2	9.1	1.3	0.0	0.0	0.0	0.0	0.0
45°	230.6	70.3	35.2	18.2	7.8	2.6	0.0	0.0	0.0	0.0	0.0
47.5°	399.9	73.0	33.9	18.2	7.8	2.6	0.0	0.0	0.0	0.0	0.0
50°	657.9	86.0	32.6	19.5	9.1	1.3	0.0	0.0	0.0	0.0	0.0
52.5°	763.4	104.2	32.6	20.8	11.7	0.0	0.0	0.0	0.0	0.0	0.0
55°	732.1	127.7	32.6	22.1	14.3	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	665.7	121.1	35.2	26.1	18.2	0.0	0.0	0.0	0.0	0.0	0.0
58°	*640.9*	*121.1*	*35.2*	*26.1*	*18.2*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	502.8	123.8	40.4	28.7	19.5	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	373.9	126.4	45.6	32.6	19.5	1.3	0.0	0.0	0.0	0.0	0.0
65°	277.5	131.6	48.2	37.8	18.2	2.6	0.0	0.0	0.0	0.0	0.0
67.5°	221.5	135.5	52.1	41.7	20.8	5.2	1.3	0.0	0.0	0.0	0.0
70°	190.2	130.3	56.0	43.0	19.5	7.8	3.9	0.0	0.0	0.0	0.0
72.5°	169.3	122.5	63.8	41.7	20.8	7.8	3.9	0.0	0.0	0.0	0.0
75°	152.4	112.0	73.0	40.4	20.8	7.8	5.2	0.0	0.0	0.0	0.0
77.5°	114.6	97.7	71.6	39.1	19.5	7.8	5.2	0.0	0.0	0.0	0.0
80°	57.3	65.1	62.5	35.2	15.6	6.5	5.2	1.3	0.0	0.0	0.0
82.5°	23.4	24.8	31.3	26.1	13.0	5.2	5.2	1.3	0.0	0.0	0.0
85°	2.6	5.2	9.1	10.4	9.1	5.2	5.2	1.3	0.0	0.0	0.0
87.5°	0.0	1.3	5.2	7.8	6.5	3.9	2.6	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°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
2.5°	2.6	2.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
5°	1.3	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°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
2.5°	1.3	2.6	2.6	2.6	3.9	3.9	5.2	6.5	6.5	6.5	7.8
5°	0.0	0.0	1.3	1.3	2.6	3.9	5.2	7.8	9.1	9.1	10.4
7.5°	0.0	0.0	0.0	1.3	2.6	3.9	5.2	7.8	10.4	11.7	13.0
10°	0.0	0.0	0.0	0.0	1.3	2.6	5.2	9.1	13.0	15.6	18.2
12.5°	0.0	0.0	0.0	0.0	0.0	1.3	5.2	10.4	15.6	19.5	22.1
15°	0.0	0.0	0.0	0.0	0.0	1.3	5.2	10.4	19.5	23.4	28.7
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.2	11.7	22.1	28.7	39.1
20°	0.0	0.0	0.0	0.0	0.0	0.0	3.9	11.7	24.8	35.2	58.6
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	3.9	11.7	27.4	45.6	108.1
25°	0.0	0.0	0.0	0.0	0.0	0.0	2.6	11.7	31.3	67.7	179.8
27.5°	0.0	0.0	0.0	0.0	0.0	0.0	2.6	13.0	37.8	95.1	263.1
30°	0.0	0.0	0.0	0.0	0.0	0.0	2.6	13.0	46.9	129.0	367.4
32.5°	0.0	0.0	0.0	0.0	0.0	0.0	1.3	13.0	54.7	162.8	500.2
35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.7	65.1	216.2	627.9
37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.7	80.8	238.4	736.0
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.4	76.9	259.2	859.8
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.7	70.3	289.2	1053.9
45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.7	70.3	383.0	1483.8
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.4	86.0	596.6	2268.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8	110.7	915.8	3229.4
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	134.2	1126.8	3786.9
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	161.5	1128.1	3768.7
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8	179.8	1009.6	3401.3
58°	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*9.1*	*178.5*	*977.0*	*3299.7*
60°	0.0	0.0	0.0	0.0	0.0	0.0	1.3	13.0	156.3	848.0	2880.2
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.2	20.8	136.8	608.4	2387.8
65°	0.0	0.0	0.0	0.0	0.0	0.0	10.4	23.4	125.1	441.6	1792.5
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	13.0	27.4	119.8	312.6	1246.7
70°	0.0	0.0	0.0	0.0	0.0	0.0	15.6	31.3	110.7	224.1	820.7
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	15.6	39.1	104.2	175.9	495.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	15.6	49.5	91.2	143.3	265.7
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	15.6	53.4	75.6	104.2	161.5
80°	0.0	0.0	0.0	0.0	0.0	0.0	14.3	48.2	54.7	45.6	54.7
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	7.8	28.7	11.7	11.7	18.2
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: P991238
CATALOG NUMBER: GPC-SA2B-727-U-RBC

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	313°	315°	325°	335°	345°	355°	360°
0°	9.1	9.1	9.1	*9.1*	9.1	9.1	9.1	9.1	9.1	9.1
2.5°	9.1	9.1	9.1	*9.1*	10.4	10.4	14.3	18.2	22.1	23.4
5°	11.7	13.0	14.3	*14.3*	14.3	15.6	18.2	20.8	24.8	26.1
7.5°	16.9	18.2	20.8	*20.8*	20.8	22.1	23.4	26.1	28.7	28.7
10°	22.1	26.1	27.4	*28.7*	30.0	30.0	30.0	31.3	32.6	31.3
12.5°	30.0	35.2	41.7	*43.0*	43.0	43.0	41.7	39.1	36.5	35.2
15°	41.7	57.3	78.2	*86.0*	82.1	73.0	63.8	49.5	43.0	40.4
17.5°	76.9	156.3	284.0	*313.9*	307.4	264.4	155.0	75.6	50.8	44.3
20°	207.1	505.4	833.7	*913.2*	954.9	790.7	457.2	175.9	62.5	48.2
22.5°	446.8	1050.0	1627.1	*1832.9*	1845.9	1485.1	889.7	356.9	89.9	54.7
25°	719.1	1679.2	2466.0	*2665.3*	2669.2	2288.8	1422.5	578.4	136.8	67.7
27.5°	1102.1	2354.0	3234.6	*3400.0*	3397.4	3011.8	2055.6	883.2	191.5	83.4
30°	1494.2	2880.2	3741.3	*3947.1*	3966.7	3505.5	2584.5	1244.1	250.1	100.3
32.5°	1882.4	3269.7	4203.8	*4477.3*	4460.4	3941.9	2953.2	1539.8	350.4	118.5
35°	2188.5	3601.9	4715.7	*5051.8*	5064.8	4421.3	3280.2	1826.4	436.4	152.4
37.5°	2450.3	4030.5	5397.0	*5785.2*	5802.2	5017.9	3622.8	2107.7	510.7	168.0
40°	2773.4	4734.0	6525.1	*7184.3*	7186.9	6130.4	4238.9	2423.0	611.0	174.6
42.5°	3499.0	6241.2	8729.3	*9676.3*	9758.4	8438.8	5639.3	3106.9	768.6	188.9
45°	4950.2	8227.8	11540.5	*12630.8*	12735.0	11311.2	8040.2	4685.8	1115.1	230.6
47.5°	6676.3	9955.1	13174.0	*14224.0*	14293.1	12669.9	9647.7	6512.1	1898.0	399.9
50°	7737.9	10594.7	13774.6	*14776.3*	14788.1	13116.7	10151.8	7460.5	2704.4	657.9
52.5°	8067.5	10676.8	13798.0	*15009.5*	15043.4	13064.6	10220.9	7652.0	3040.5	763.4
55°	7933.3	10628.6	14045.5	*15455.0*	15491.5	13277.0	10174.0	7442.2	2882.8	732.1
57.5°	7627.2	10816.2	14452.0	*15983.9*	15983.9	13669.1	10347.2	7090.5	2497.2	665.7
58°	*7581.6*	*10863.1*	*14474.1*	*16012.6*	*16000.9*	*13693.8*	*10418.9*	*7039.7*	*2412.6*	*640.9*
60°	7519.1	11007.7	14310.0	*15589.2*	15555.4	13519.3	10549.1	6994.1	2002.2	502.8
62.5°	7427.9	10682.0	13114.1	*14343.9*	14256.6	12296.0	10175.3	6727.1	1494.2	373.9
65°	6960.2	9479.6	10932.1	*11784.1*	11756.7	10115.3	8757.9	6026.2	1076.0	277.5
67.5°	5867.3	7421.4	8830.9	*9857.4*	9863.9	8257.7	6849.5	4816.0	732.1	221.5
70°	4126.9	5473.9	7507.4	*8649.8*	8701.9	6926.4	5074.0	3209.8	483.3	190.2
72.5°	2464.7	4134.7	6242.5	*7110.1*	7082.7	5747.4	3764.8	1913.6	294.4	169.3
75°	1194.6	2471.2	3155.1	*3659.2*	3638.4	2875.0	2006.1	937.9	214.9	152.4
77.5°	324.4	759.5	1221.9	*1589.3*	1632.3	1151.6	657.9	251.4	134.2	114.6
80°	109.4	234.5	398.6	*541.9*	556.2	497.6	247.5	88.6	58.6	57.3
82.5°	41.7	57.3	73.0	*65.1*	65.1	67.7	53.4	37.8	27.4	23.4
85°	0.0	0.0	1.3	*2.6*	2.6	3.9	3.9	3.9	2.6	2.6
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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

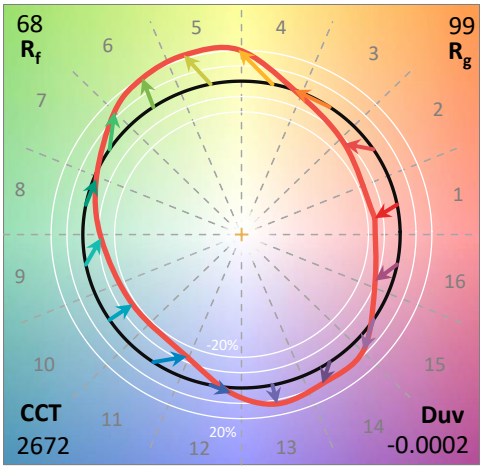
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-3
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-727-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672
CIE u':	0.2638
CIE v':	0.5276
Duv:	-0.0002
CIE x:	0.4619
CIE y:	0.4106
CIE z:	0.1275
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	584
Purity:	61.88407
Rf:	67.9
Rg:	98.6

CRI (Ra):	71.1
R1:	68.3
R2:	79.8
R3:	91.2
R4:	69.4
R5:	66.5
R6:	72.6
R7:	77.0
R8:	44.1
R9:	-27.8
R10:	54.4
R11:	65.8
R12:	45.6
R13:	69.8
R14:	94.5
R15:	60.1



Test Conditions

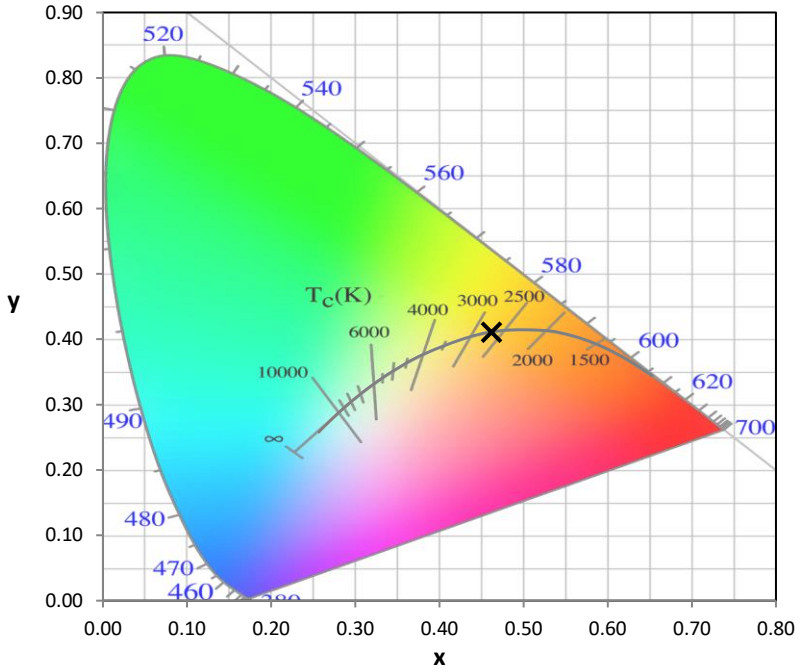
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-3

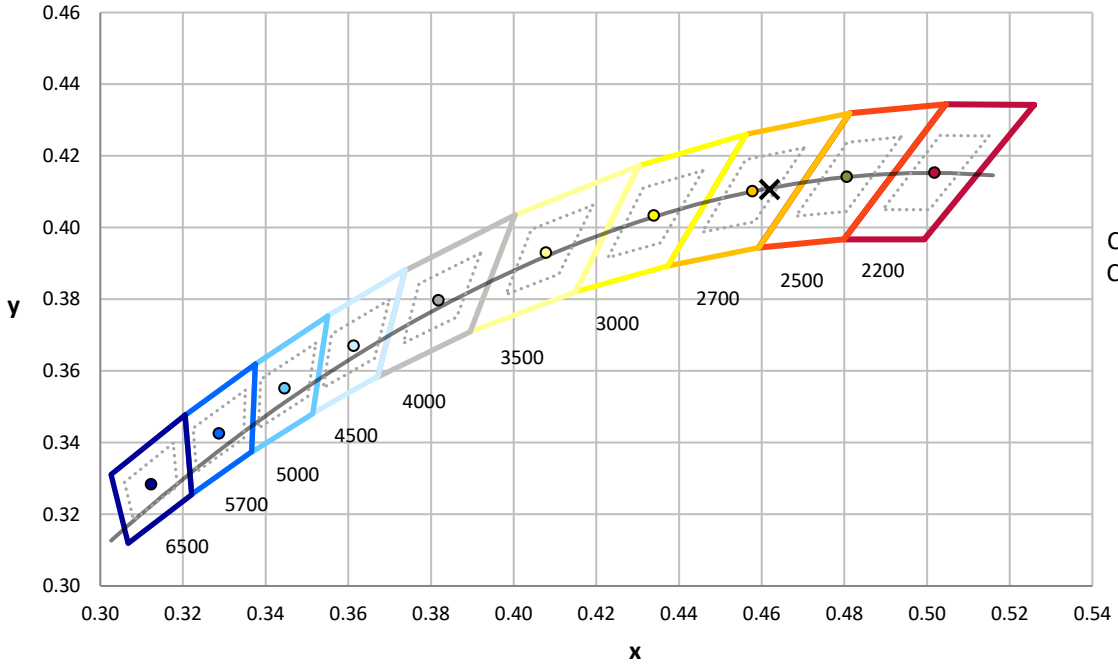
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-3

CIE 1931 Chromaticity Diagram



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

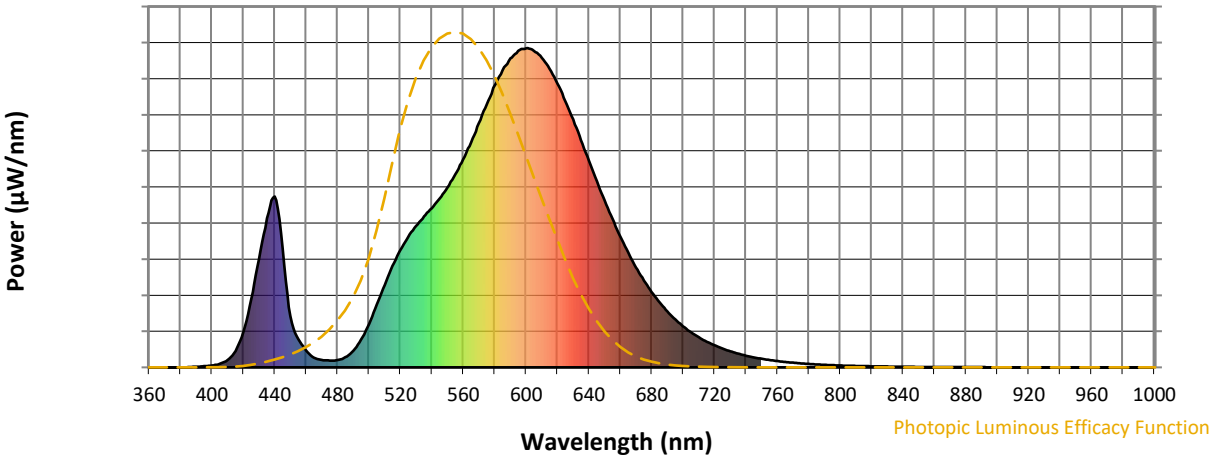


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

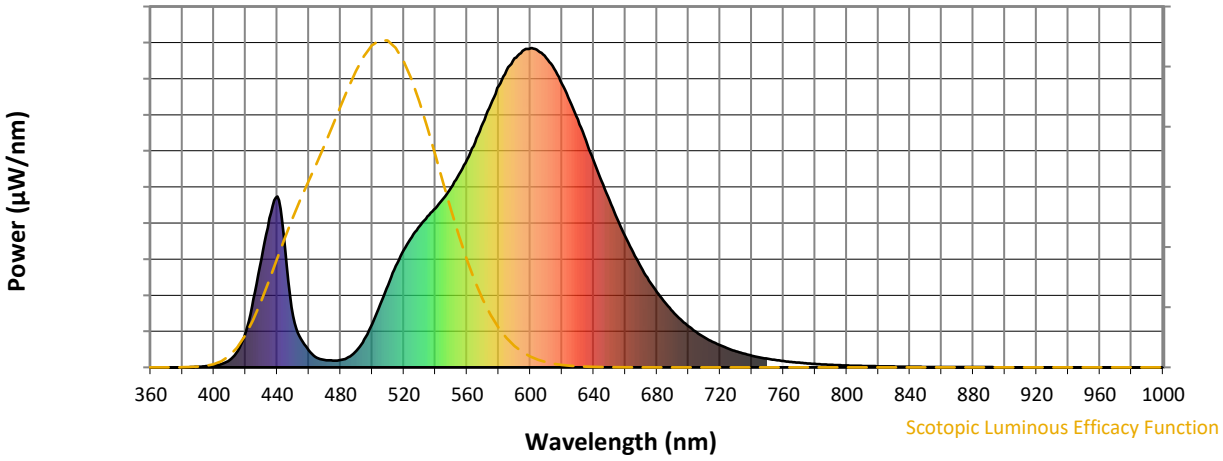


Photopic Lumens: NR

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Scotopic Flux vs. Wavelength

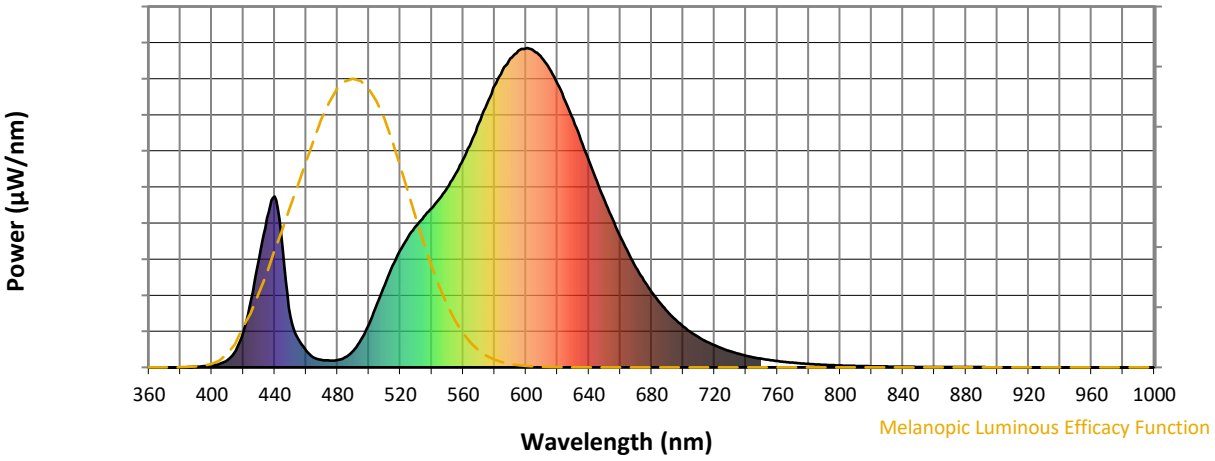


Scotopic Lumens: NR **S/P: 1.02**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.71**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

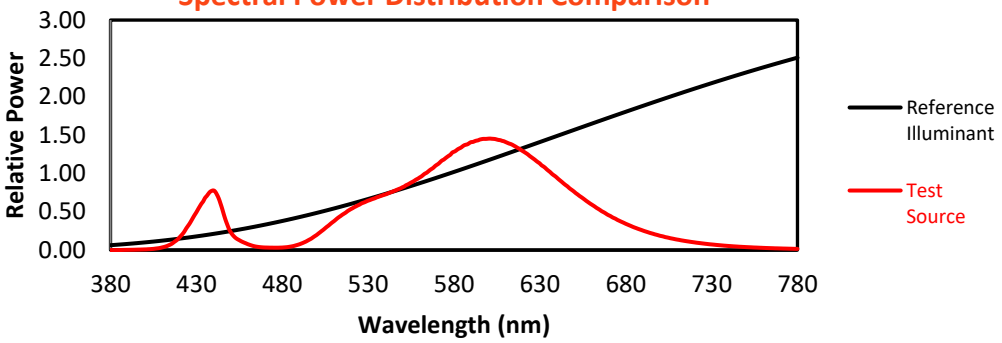
REPORT NUMBER: SP1-2407-184-3

TM-30-18

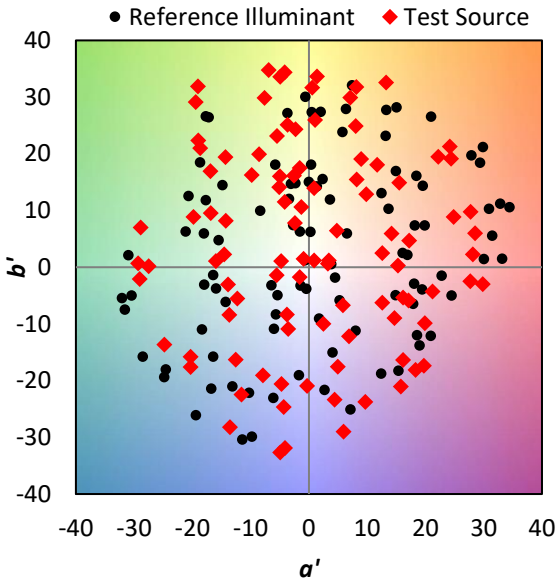
Summary

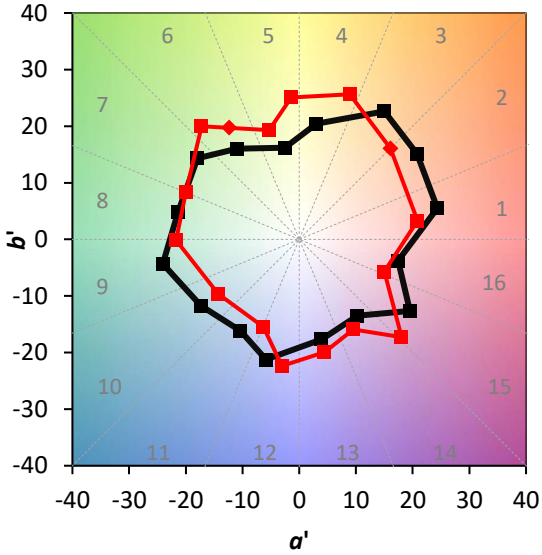
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

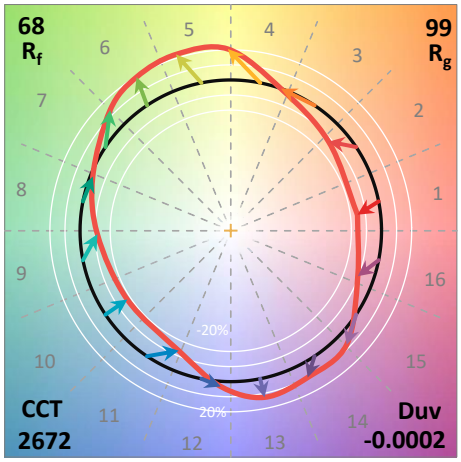
Spectral Power Distribution Comparison

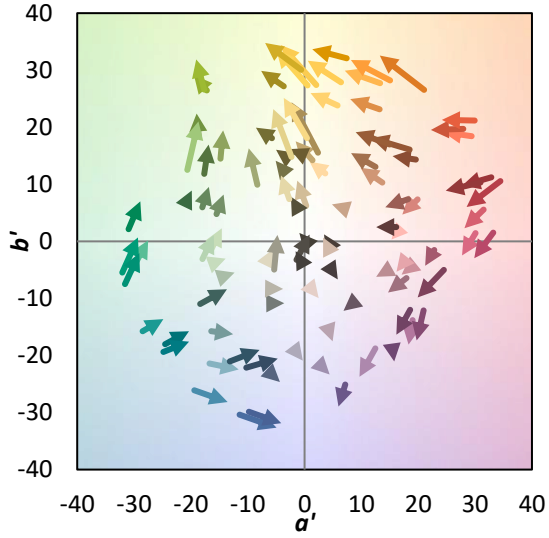


Color Vector Graphics







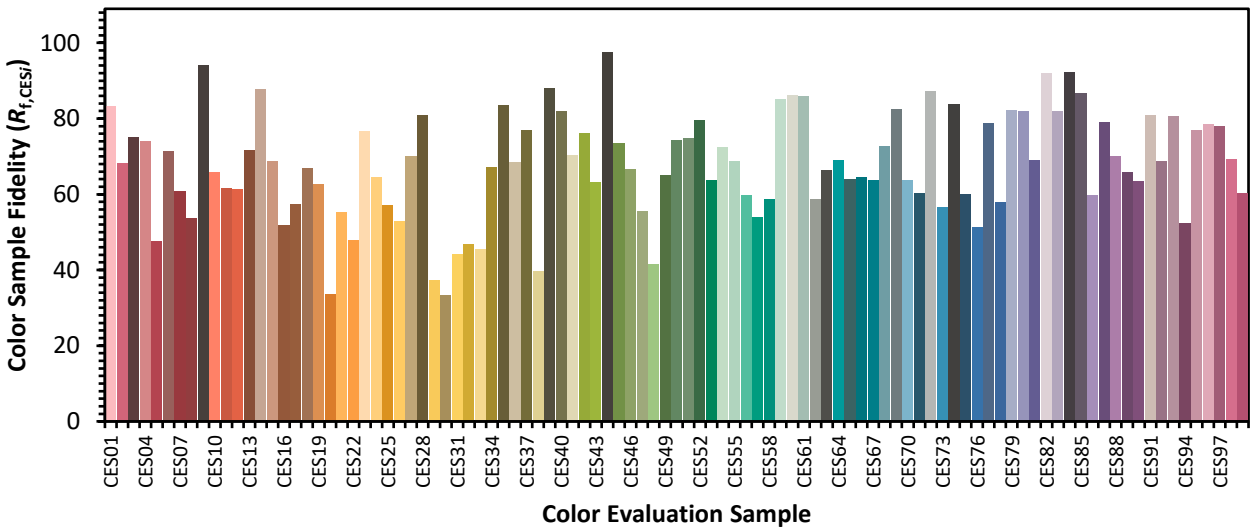


REPORT NUMBER: SP1-2407-184-3

TM-30-18

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

CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	



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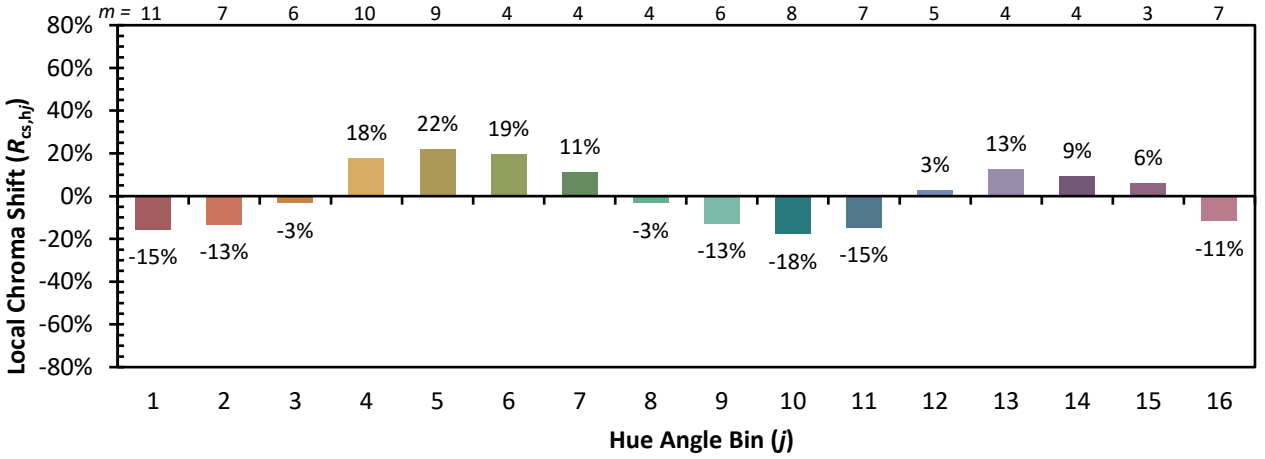
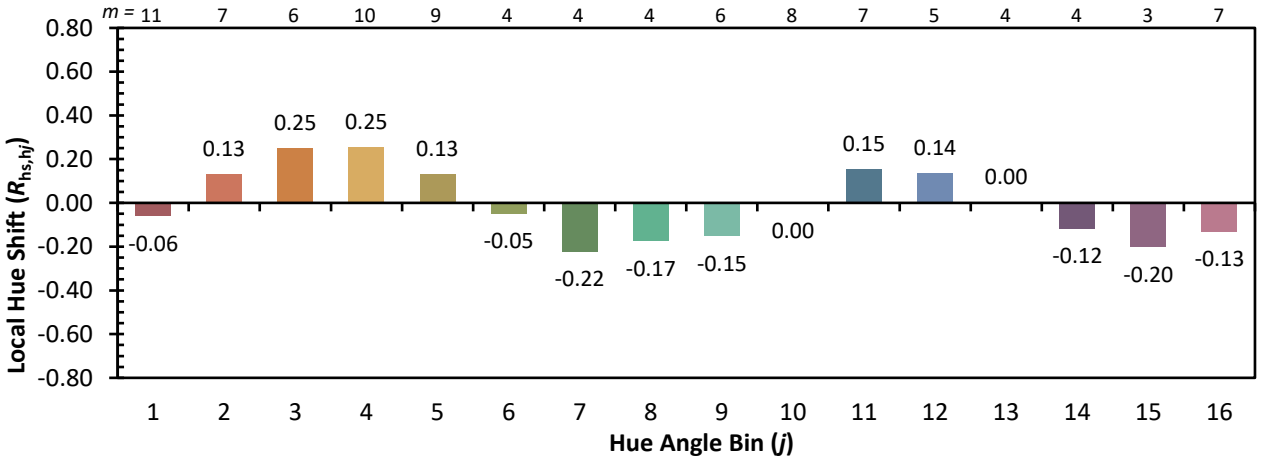
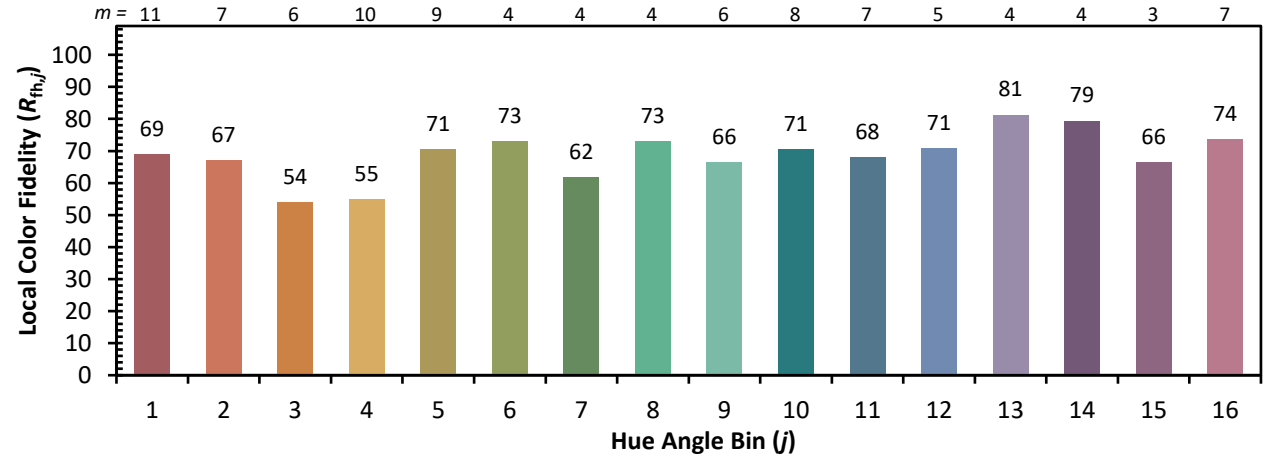
Color Rendition by Hue-Angle Bin







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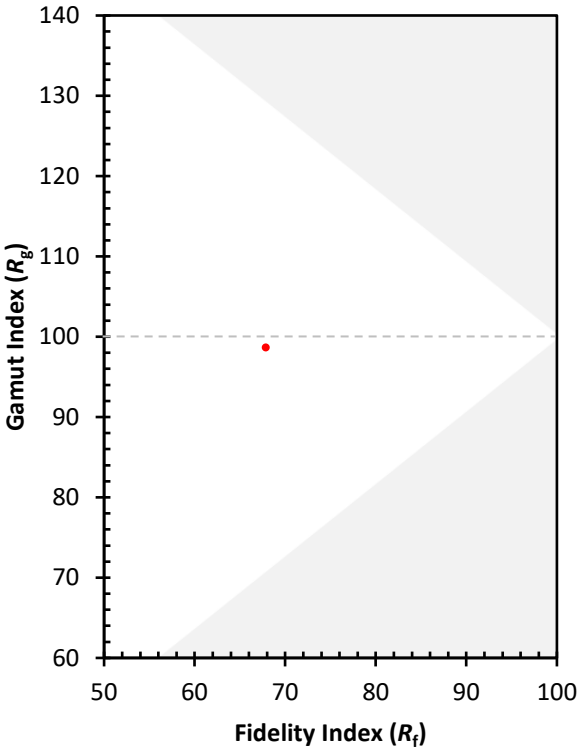
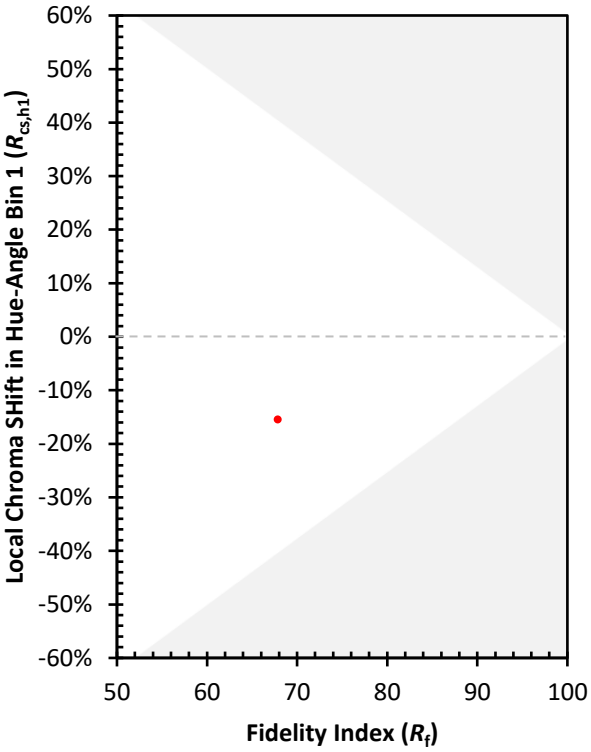
Measure Comparisons





(END OF REPORT)