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: P991261

Luminaire Tested: **GPC-SA2C-740-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:	P991261
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	07/03/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SA2C-740-U-RBC
Description:	GALLEON PEDESTRAIAN COMPANION 1050mA 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:	9860 lumens
Efficiency:	N/A
Efficacy:	103.9 lumens/watt
Luminous Opening:	Rectangular (W 1.33' x L: 0.67' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G2

Input Watts (W):	94.9
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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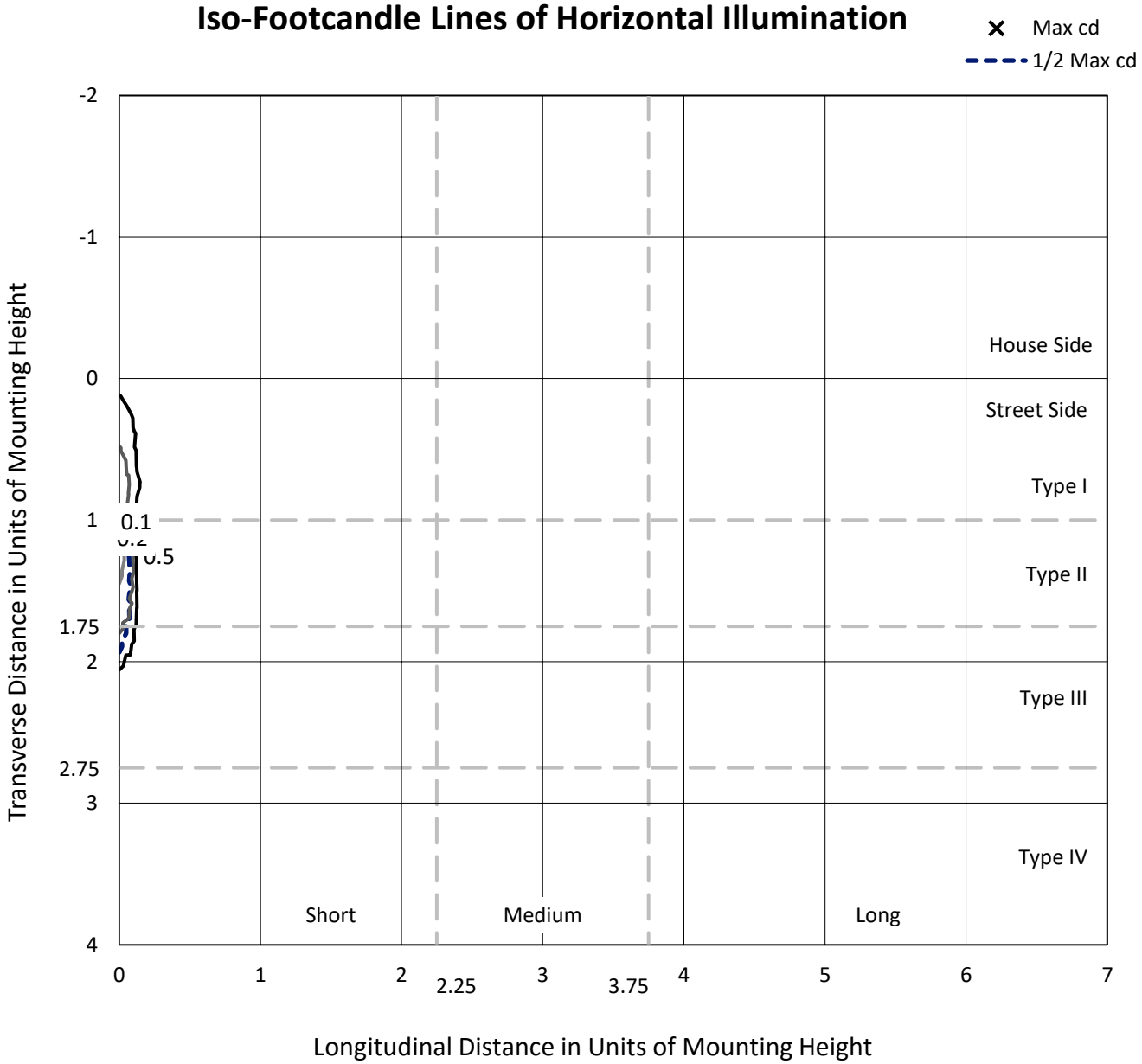
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 0.7 fc
Type III - Short - N/A

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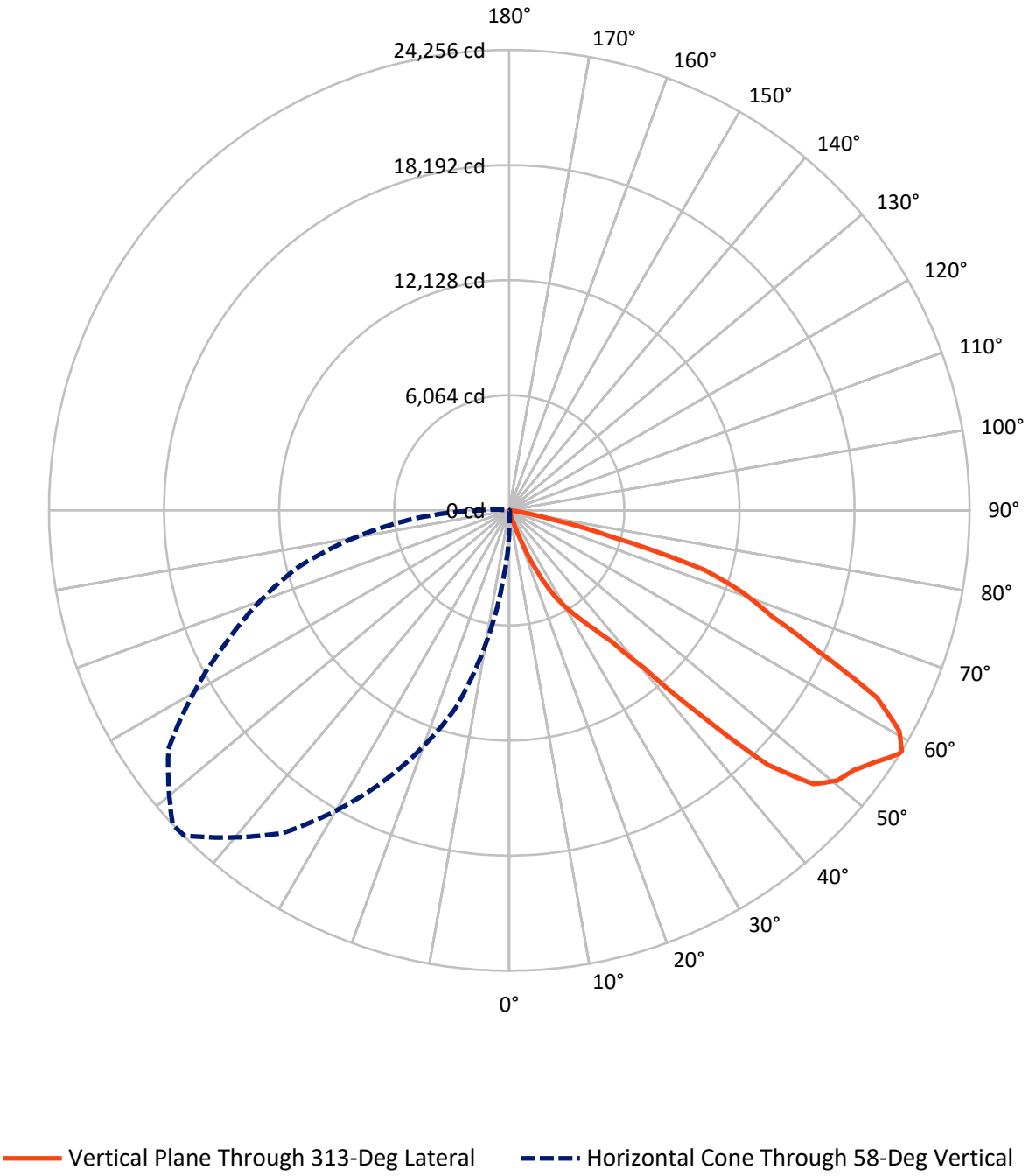
Luminous Intensity Polar Plot



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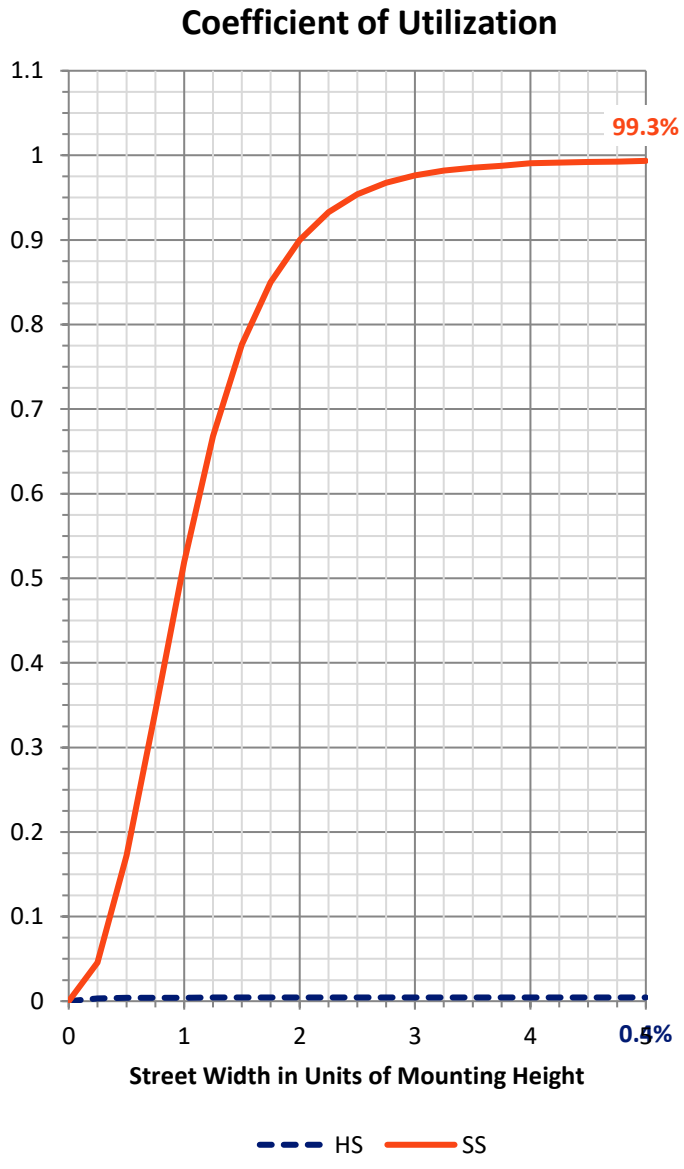
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	44.1	0.0	44.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	9816.0	0.0	9816.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	9860.0	0.0	9860.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.4	0.0
10°-20°	17.1	0.2
20°-30°	249.0	2.5
30°-40°	715.8	7.3
40°-50°	2039.1	20.7
50°-60°	3207.5	32.5
60°-70°	2735.3	27.7
70°-80°	872.5	8.8
80°-90°	22.2	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°	9860.0	100.0
0°-180°	9860.0	100.0



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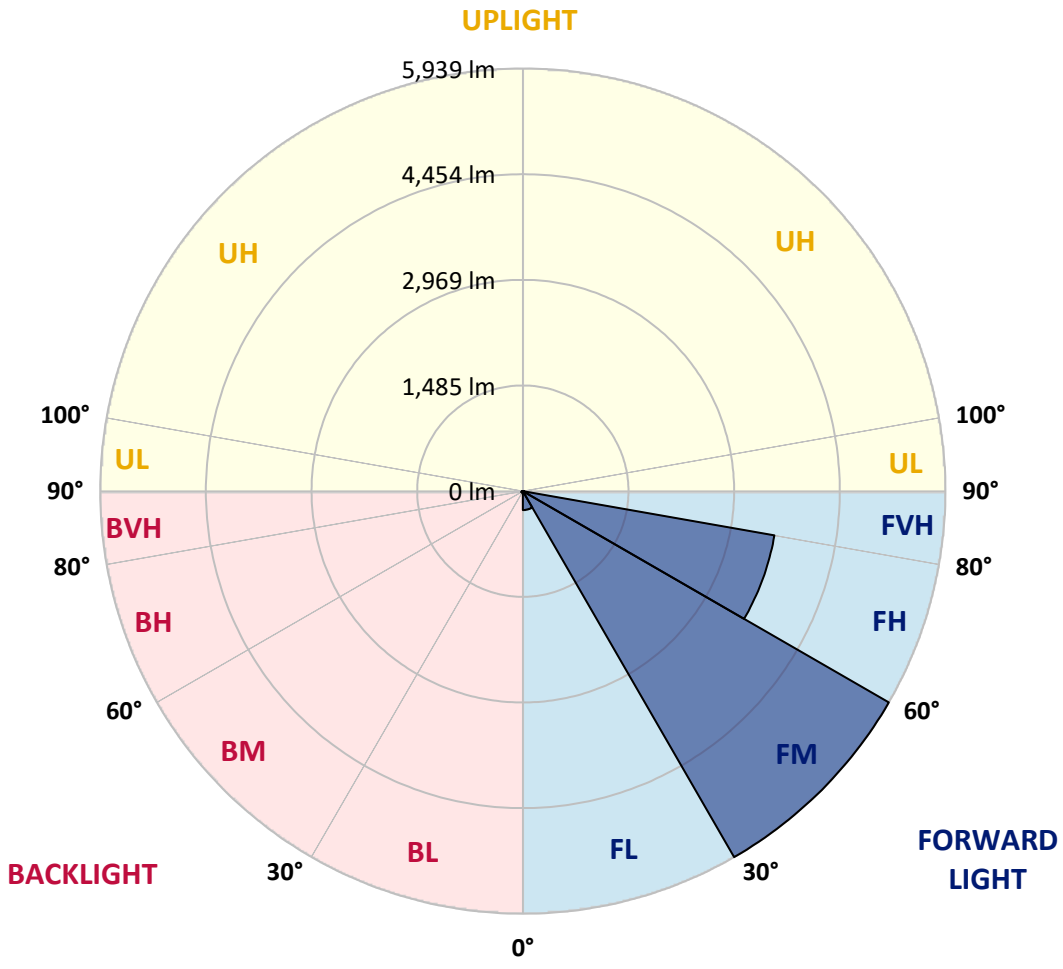
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	265.8	2.7			
FM	(30°-60°)	5938.9	60.2			
FH	(60°-80°)	3590.3	36.4			G2/5000
FVH	(80°-90°)	21.0	0.2			G1/100
BL	(0°-30°)	1.8	0.0	B0/110		
BM	(30°-60°)	23.6	0.2	B0/220		
BH	(60°-80°)	17.5	0.2	B0/110		G0/110
BVH	(80°-90°)	1.2	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	47°	55°	65°	75°	85°
0°	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
2.5°	35.5	37.5	39.5	37.5	33.5	25.7	25.7	19.7	13.8	7.9	5.9
5°	39.5	39.5	39.5	37.5	33.5	25.7	23.7	17.8	11.8	7.9	3.9
7.5°	43.4	43.4	41.4	37.5	31.6	25.7	23.7	17.8	11.8	5.9	0.0
10°	47.4	47.4	43.4	39.5	31.6	23.7	21.7	15.8	9.9	3.9	0.0
12.5°	53.3	51.3	45.4	39.5	31.6	21.7	21.7	15.8	7.9	2.0	0.0
15°	61.2	55.3	47.4	39.5	29.6	21.7	19.7	13.8	5.9	0.0	0.0
17.5°	67.1	61.2	49.3	37.5	27.6	19.7	17.8	11.8	5.9	0.0	0.0
20°	73.0	63.1	49.3	37.5	27.6	17.8	15.8	9.9	2.0	0.0	0.0
22.5°	82.9	67.1	49.3	37.5	25.7	15.8	13.8	7.9	0.0	0.0	0.0
25°	102.6	71.0	49.3	35.5	23.7	13.8	11.8	3.9	0.0	0.0	0.0
27.5°	126.3	77.0	49.3	33.5	21.7	11.8	9.9	2.0	0.0	0.0	0.0
30°	151.9	82.9	49.3	33.5	19.7	9.9	7.9	0.0	0.0	0.0	0.0
32.5°	179.6	90.8	49.3	31.6	17.8	7.9	5.9	0.0	0.0	0.0	0.0
35°	230.9	102.6	49.3	31.6	15.8	5.9	3.9	0.0	0.0	0.0	0.0
37.5°	254.6	118.4	49.3	29.6	15.8	3.9	2.0	0.0	0.0	0.0	0.0
40°	264.4	114.5	47.4	29.6	13.8	2.0	0.0	0.0	0.0	0.0	0.0
42.5°	286.1	106.6	49.3	27.6	13.8	2.0	0.0	0.0	0.0	0.0	0.0
45°	349.3	106.6	53.3	27.6	11.8	3.9	0.0	0.0	0.0	0.0	0.0
47.5°	605.8	110.5	51.3	27.6	11.8	3.9	0.0	0.0	0.0	0.0	0.0
50°	996.5	130.2	49.3	29.6	13.8	2.0	0.0	0.0	0.0	0.0	0.0
52.5°	1156.4	157.9	49.3	31.6	17.8	0.0	0.0	0.0	0.0	0.0	0.0
55°	1109.0	193.4	49.3	33.5	21.7	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	1008.4	183.5	53.3	39.5	27.6	0.0	0.0	0.0	0.0	0.0	0.0
58°	*970.9*	*183.5*	*53.3*	*39.5*	*27.6*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	761.7	187.5	61.2	43.4	29.6	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	566.3	191.4	69.1	49.3	29.6	2.0	0.0	0.0	0.0	0.0	0.0
65°	420.3	199.3	73.0	57.2	27.6	3.9	0.0	0.0	0.0	0.0	0.0
67.5°	335.5	205.2	78.9	63.1	31.6	7.9	2.0	0.0	0.0	0.0	0.0
70°	288.1	197.3	84.9	65.1	29.6	11.8	5.9	0.0	0.0	0.0	0.0
72.5°	256.5	185.5	96.7	63.1	31.6	11.8	5.9	0.0	0.0	0.0	0.0
75°	230.9	169.7	110.5	61.2	31.6	11.8	7.9	0.0	0.0	0.0	0.0
77.5°	173.7	148.0	108.5	59.2	29.6	11.8	7.9	0.0	0.0	0.0	0.0
80°	86.8	98.7	94.7	53.3	23.7	9.9	7.9	2.0	0.0	0.0	0.0
82.5°	35.5	37.5	47.4	39.5	19.7	7.9	7.9	2.0	0.0	0.0	0.0
85°	3.9	7.9	13.8	15.8	13.8	7.9	7.9	2.0	0.0	0.0	0.0
87.5°	0.0	2.0	7.9	11.8	9.9	5.9	3.9	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
2.5°	3.9	3.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
5°	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
2.5°	2.0	3.9	3.9	3.9	5.9	5.9	7.9	9.9	9.9	9.9	11.8
5°	0.0	0.0	2.0	2.0	3.9	5.9	7.9	11.8	13.8	13.8	15.8
7.5°	0.0	0.0	0.0	2.0	3.9	5.9	7.9	11.8	15.8	17.8	19.7
10°	0.0	0.0	0.0	0.0	2.0	3.9	7.9	13.8	19.7	23.7	27.6
12.5°	0.0	0.0	0.0	0.0	0.0	2.0	7.9	15.8	23.7	29.6	33.5
15°	0.0	0.0	0.0	0.0	0.0	2.0	7.9	15.8	29.6	35.5	43.4
17.5°	0.0	0.0	0.0	0.0	0.0	0.0	7.9	17.8	33.5	43.4	59.2
20°	0.0	0.0	0.0	0.0	0.0	0.0	5.9	17.8	37.5	53.3	88.8
22.5°	0.0	0.0	0.0	0.0	0.0	0.0	5.9	17.8	41.4	69.1	163.8
25°	0.0	0.0	0.0	0.0	0.0	0.0	3.9	17.8	47.4	102.6	272.3
27.5°	0.0	0.0	0.0	0.0	0.0	0.0	3.9	19.7	57.2	144.1	398.6
30°	0.0	0.0	0.0	0.0	0.0	0.0	3.9	19.7	71.0	195.4	556.5
32.5°	0.0	0.0	0.0	0.0	0.0	0.0	2.0	19.7	82.9	246.7	757.7
35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.8	98.7	327.6	951.1
37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.8	122.3	361.1	1114.9
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.8	116.4	392.7	1302.4
42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.8	106.6	438.1	1596.4
45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.8	106.6	580.2	2247.6
47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.8	130.2	903.8	3435.5
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.8	167.7	1387.2	4891.8
52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	203.2	1706.9	5736.4
55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	244.7	1708.9	5708.8
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.8	272.3	1529.3	5152.3
58°	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*13.8*	*270.3*	*1480.0*	*4998.4*
60°	0.0	0.0	0.0	0.0	0.0	0.0	2.0	19.7	236.8	1284.6	4363.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	7.9	31.6	207.2	921.5	3617.1
65°	0.0	0.0	0.0	0.0	0.0	0.0	15.8	35.5	189.4	668.9	2715.3
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	19.7	41.4	181.5	473.6	1888.4
70°	0.0	0.0	0.0	0.0	0.0	0.0	23.7	47.4	167.7	339.4	1243.2
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	23.7	59.2	157.9	266.4	749.9
75°	0.0	0.0	0.0	0.0	0.0	0.0	23.7	75.0	138.1	217.1	402.6
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	23.7	80.9	114.5	157.9	244.7
80°	0.0	0.0	0.0	0.0	0.0	0.0	21.7	73.0	82.9	69.1	82.9
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	11.8	43.4	17.8	17.8	27.6
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: P991261
CATALOG NUMBER: GPC-SA2C-740-U-RBC

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	313°	315°	325°	335°	345°	355°	360°
0°	13.8	13.8	13.8	*13.8*	13.8	13.8	13.8	13.8	13.8	13.8
2.5°	13.8	13.8	13.8	*13.8*	15.8	15.8	21.7	27.6	33.5	35.5
5°	17.8	19.7	21.7	*21.7*	21.7	23.7	27.6	31.6	37.5	39.5
7.5°	25.7	27.6	31.6	*31.6*	31.6	33.5	35.5	39.5	43.4	43.4
10°	33.5	39.5	41.4	*43.4*	45.4	45.4	45.4	47.4	49.3	47.4
12.5°	45.4	53.3	63.1	*65.1*	65.1	65.1	63.1	59.2	55.3	53.3
15°	63.1	86.8	118.4	*130.2*	124.3	110.5	96.7	75.0	65.1	61.2
17.5°	116.4	236.8	430.2	*475.6*	465.7	400.6	234.8	114.5	77.0	67.1
20°	313.8	765.6	1262.9	*1383.3*	1446.4	1197.8	692.6	266.4	94.7	73.0
22.5°	676.8	1590.5	2464.7	*2776.4*	2796.2	2249.6	1347.8	540.7	136.2	82.9
25°	1089.3	2543.6	3735.5	*4037.4*	4043.3	3467.1	2154.8	876.1	207.2	102.6
27.5°	1669.4	3565.8	4899.7	*5150.3*	5146.4	4562.3	3113.9	1337.9	290.1	126.3
30°	2263.4	4363.0	5667.3	*5979.1*	6008.7	5310.2	3915.0	1884.5	378.9	151.9
32.5°	2851.4	4953.0	6367.8	*6782.2*	6756.6	5971.2	4473.5	2332.4	530.8	179.6
35°	3315.1	5456.2	7143.3	*7652.5*	7672.2	6697.4	4968.8	2766.6	661.1	230.9
37.5°	3711.8	6105.4	8175.4	*8763.4*	8789.1	7601.2	5487.7	3192.8	773.5	254.6
40°	4201.2	7171.0	9884.3	*10882.7*	10886.7	9286.3	6421.1	3670.3	925.5	264.4
42.5°	5300.3	9454.1	13223.1	*14657.7*	14782.0	12783.0	8542.4	4706.3	1164.2	286.1
45°	7498.5	12463.4	17481.5	*19133.1*	19291.0	17134.2	12179.2	7098.0	1689.1	349.3
47.5°	10113.2	15080.0	19956.0	*21546.5*	21651.0	19192.3	14614.3	9864.5	2875.1	605.8
50°	11721.4	16048.8	20865.7	*22383.1*	22400.9	19869.2	15377.9	11301.1	4096.6	996.5
52.5°	12220.6	16173.2	20901.2	*22736.4*	22787.7	19790.2	15482.5	11591.2	4605.7	1156.4
55°	12017.4	16100.2	21276.1	*23411.2*	23466.5	20111.9	15411.5	11273.5	4366.9	1109.0
57.5°	11553.7	16384.3	21891.8	*24212.4*	24212.4	20705.8	15673.9	10740.7	3782.8	1008.4
58°	*11484.6*	*16455.3*	*21925.3*	*24255.8*	*24238.0*	*20743.3*	*15782.5*	*10663.7*	*3654.6*	*970.9*
60°	11389.9	16674.4	21676.7	*23614.5*	23563.2	20478.9	15979.8	10594.6	3033.0	761.7
62.5°	11251.8	16181.1	19865.2	*21728.0*	21595.8	18626.0	15413.4	10190.1	2263.4	566.3
65°	10543.3	14359.7	16559.9	*17850.5*	17809.0	15322.7	13266.5	9128.5	1629.9	420.3
67.5°	8887.7	11241.9	13377.0	*14932.0*	14941.8	12508.7	10375.6	7295.3	1109.0	335.5
70°	6251.4	8291.8	11372.1	*13102.7*	13181.6	10492.0	7686.0	4862.2	732.1	288.1
72.5°	3733.5	6263.3	9456.1	*10770.3*	10728.8	8706.2	5702.8	2898.8	446.0	256.5
75°	1809.5	3743.4	4779.3	*5543.0*	5511.4	4355.1	3038.9	1420.8	325.6	230.9
77.5°	491.4	1150.4	1851.0	*2407.4*	2472.5	1744.4	996.5	380.8	203.2	173.7
80°	165.8	355.2	603.8	*820.9*	842.6	753.8	374.9	134.2	88.8	86.8
82.5°	63.1	86.8	110.5	*98.7*	98.7	102.6	80.9	57.2	41.4	35.5
85°	0.0	0.0	2.0	*3.9*	3.9	5.9	5.9	5.9	3.9	3.9
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

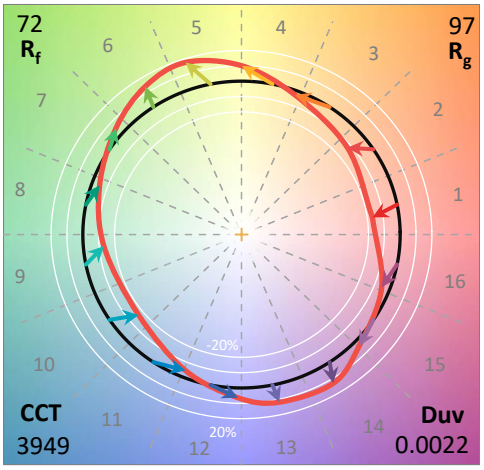
Test Information

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

REPORT NUMBER: SP1-2407-184-1

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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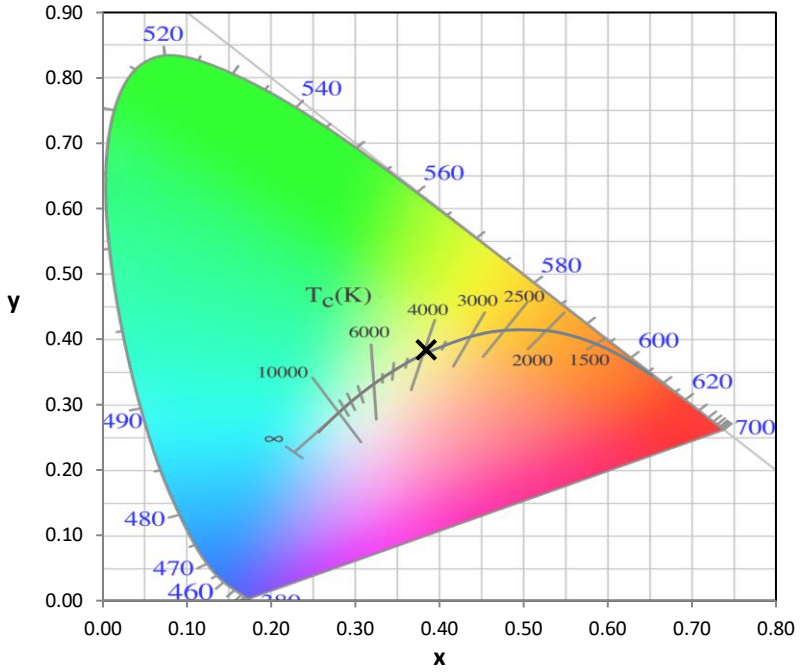
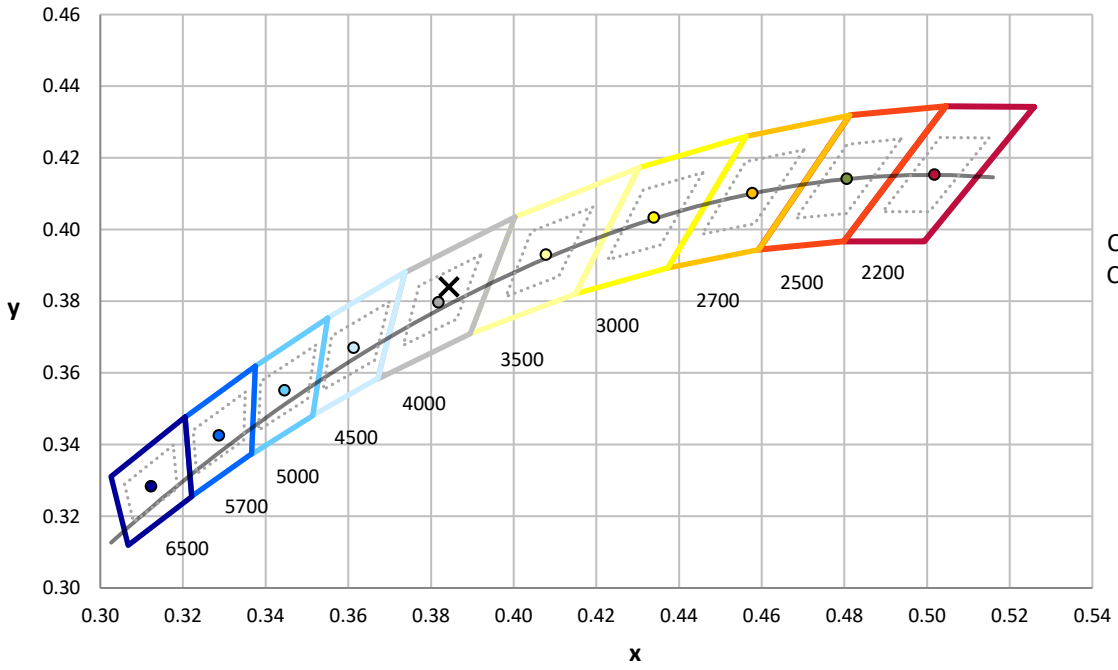
CIE 1931 Chromaticity Diagram



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

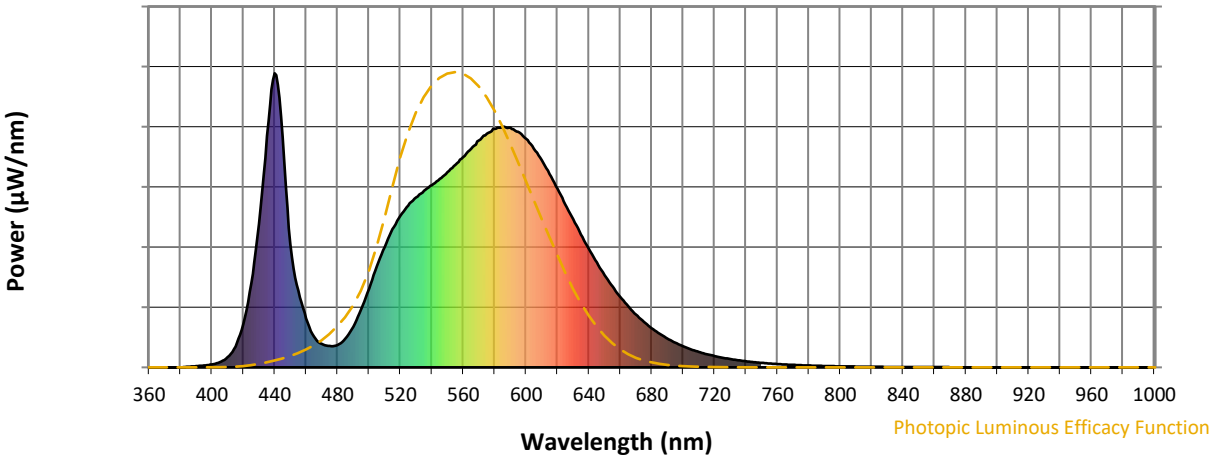


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

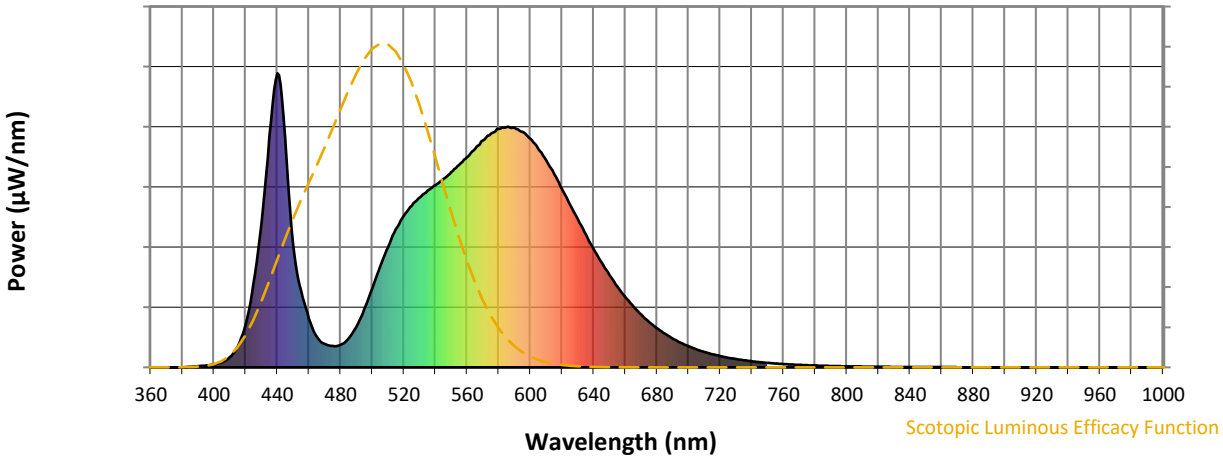


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-1

Scotopic Flux vs. Wavelength

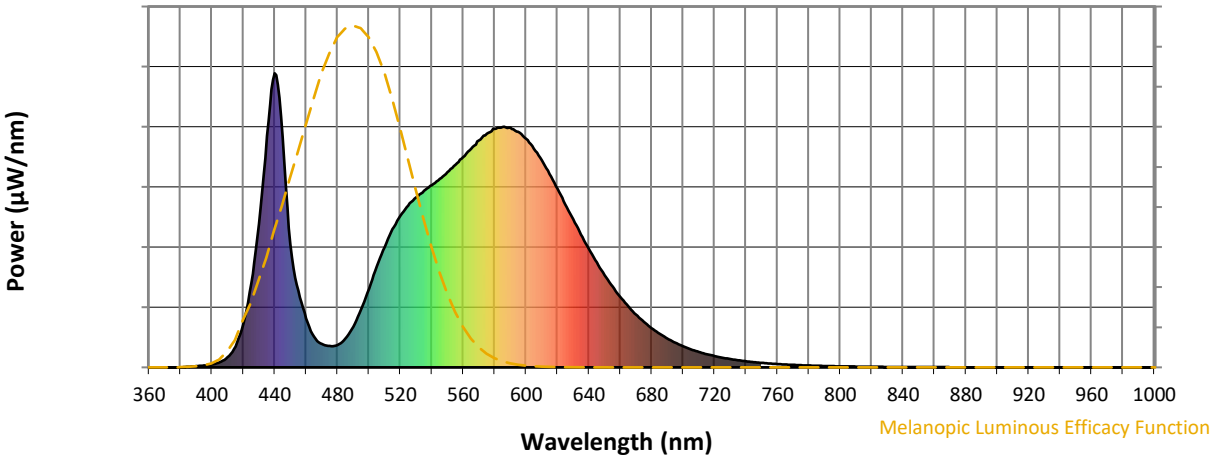


Scotopic Lumens: NR **S/P: 1.47**

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			

REPORT NUMBER: SP1-2407-184-1

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			

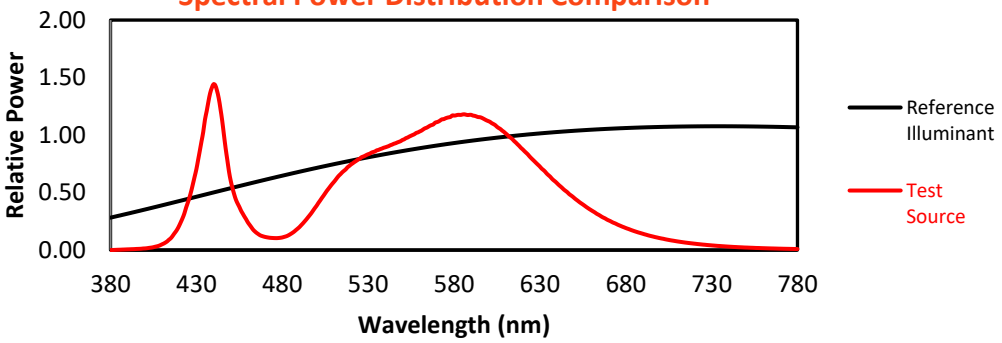
REPORT NUMBER: SP1-2407-184-1

TM-30-18

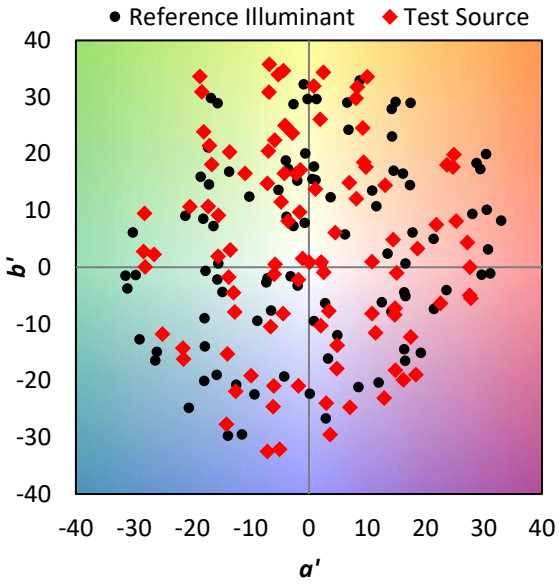
Summary

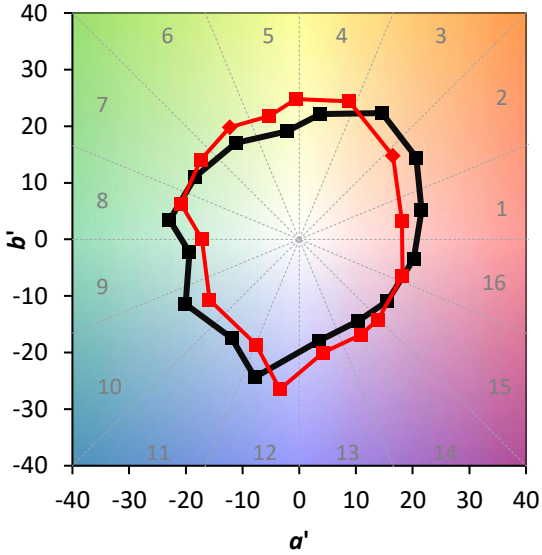
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

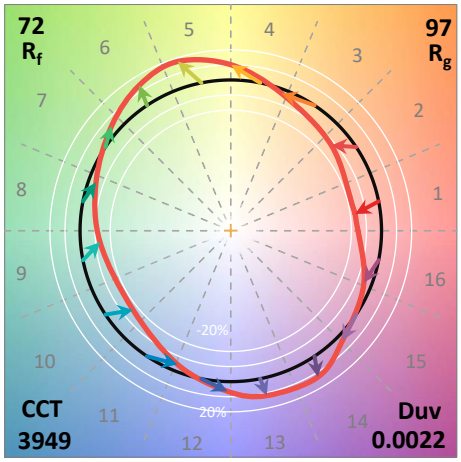
Spectral Power Distribution Comparison

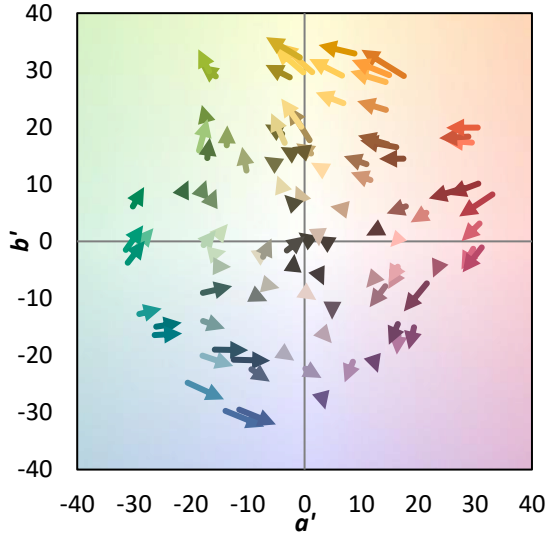


Color Vector Graphics







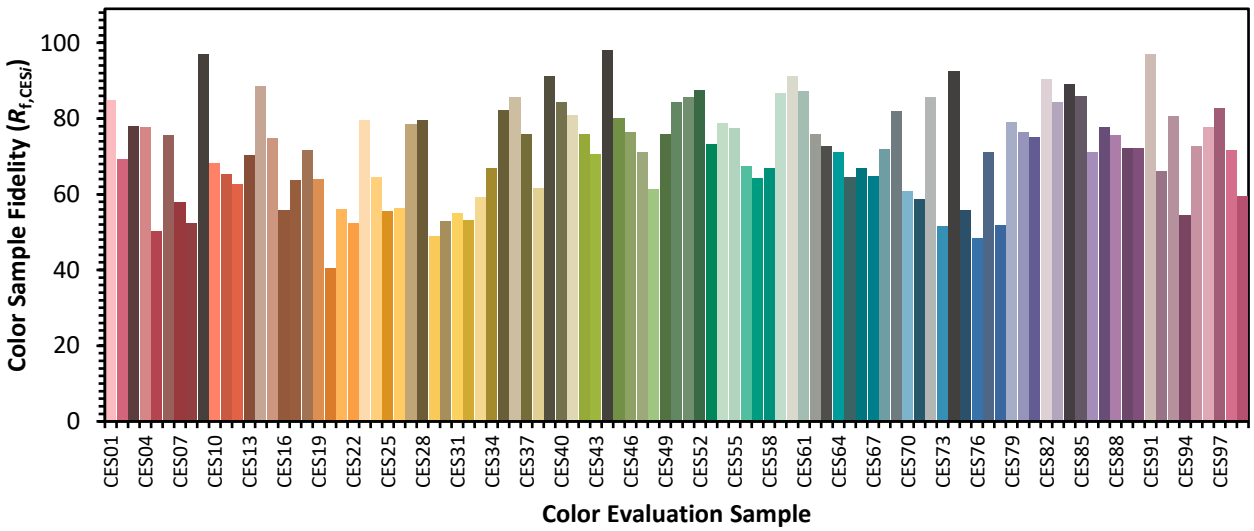


REPORT NUMBER: SP1-2407-184-1

TM-30-18

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	



REPORT NUMBER: SP1-2407-184-1

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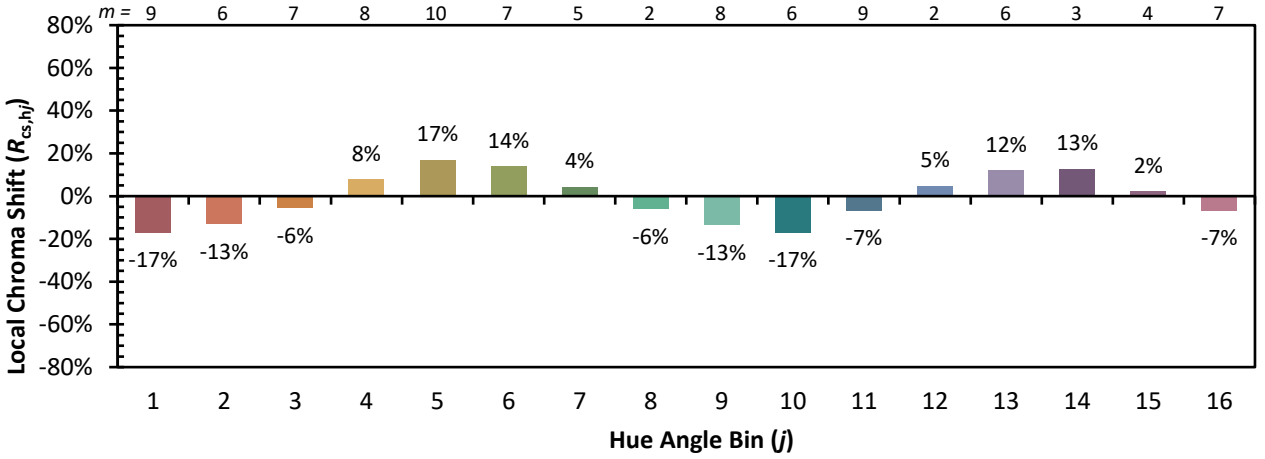
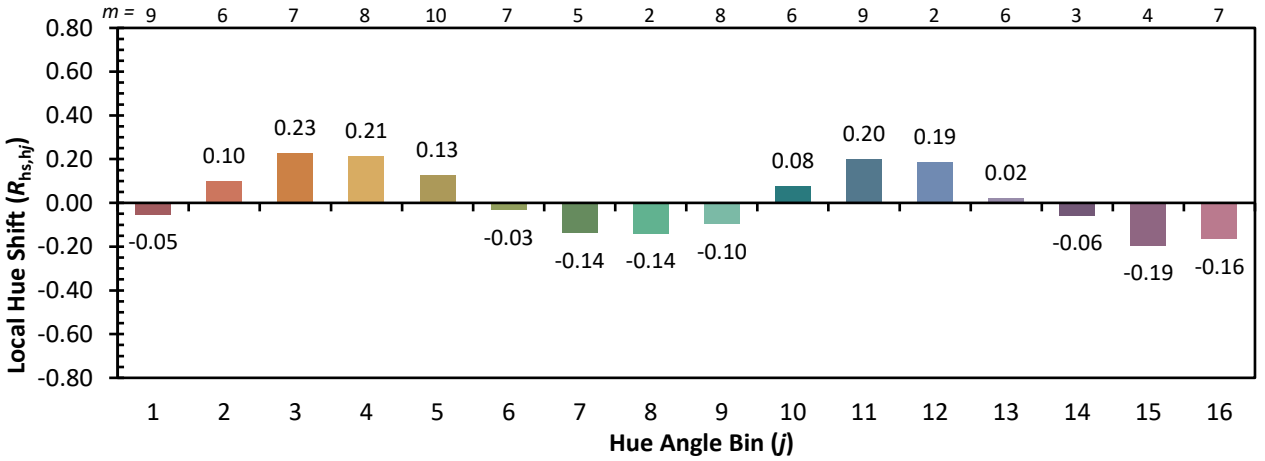
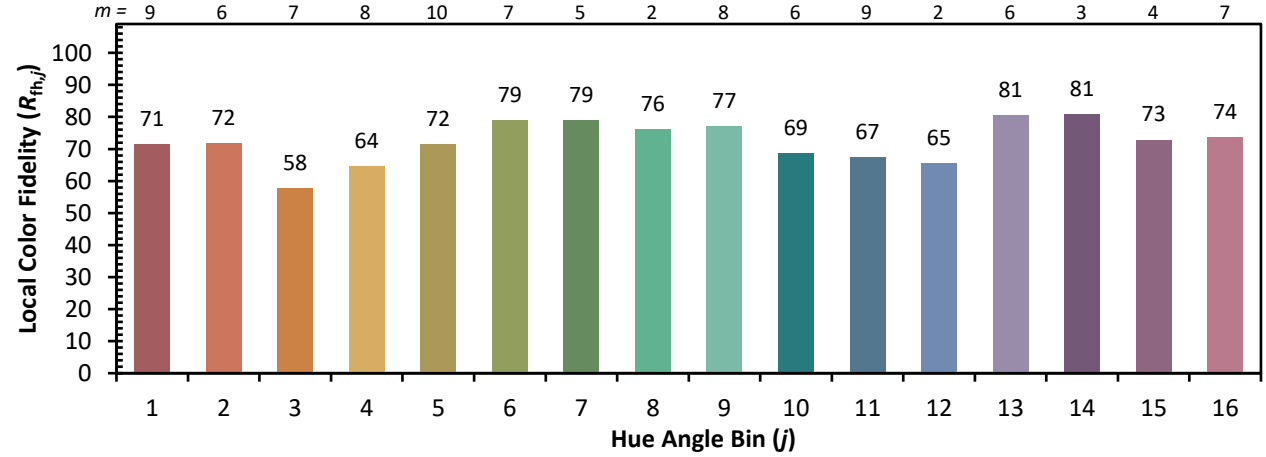
Color Rendition by Hue-Angle Bin







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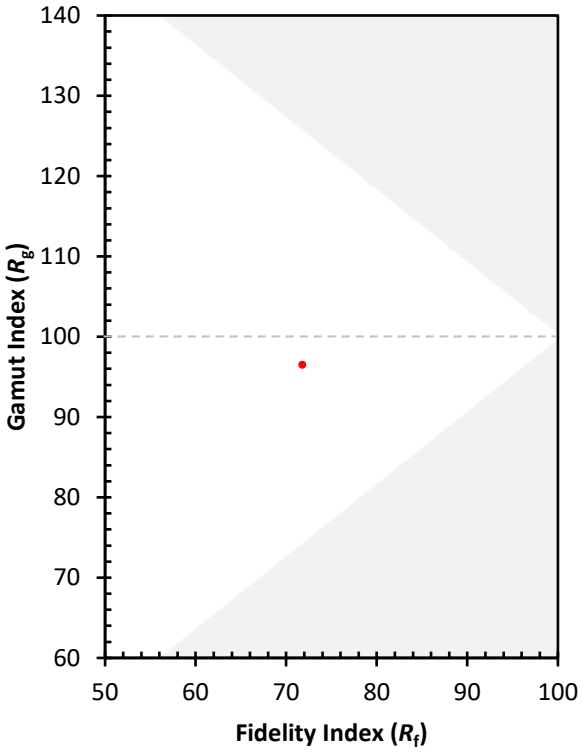
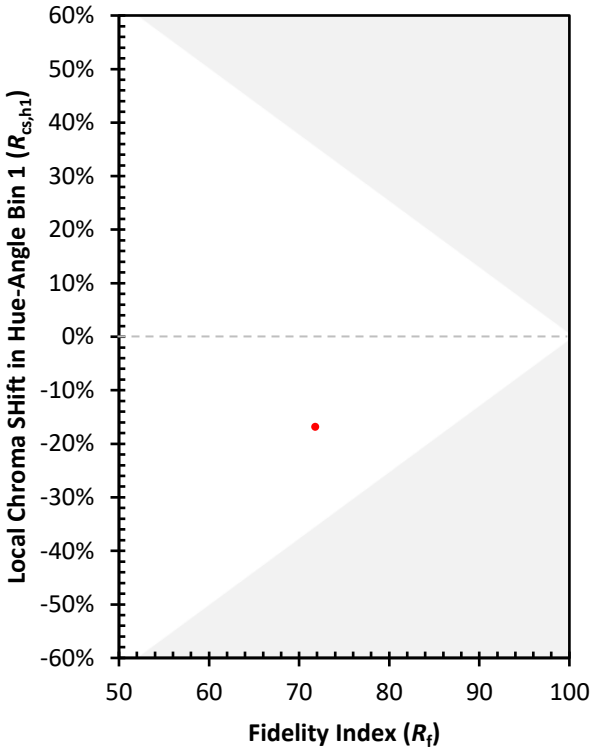
Measure Comparisons





(END OF REPORT)