

Signify Classified - Internal
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: LUMARK

Report Number: P1067050

Luminaire Tested: **NAV-SA6B-750-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067050
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA6B-750-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 6xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (84) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 27893.1 lumens
Efficiency: N/A
Efficacy: 132.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 211
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

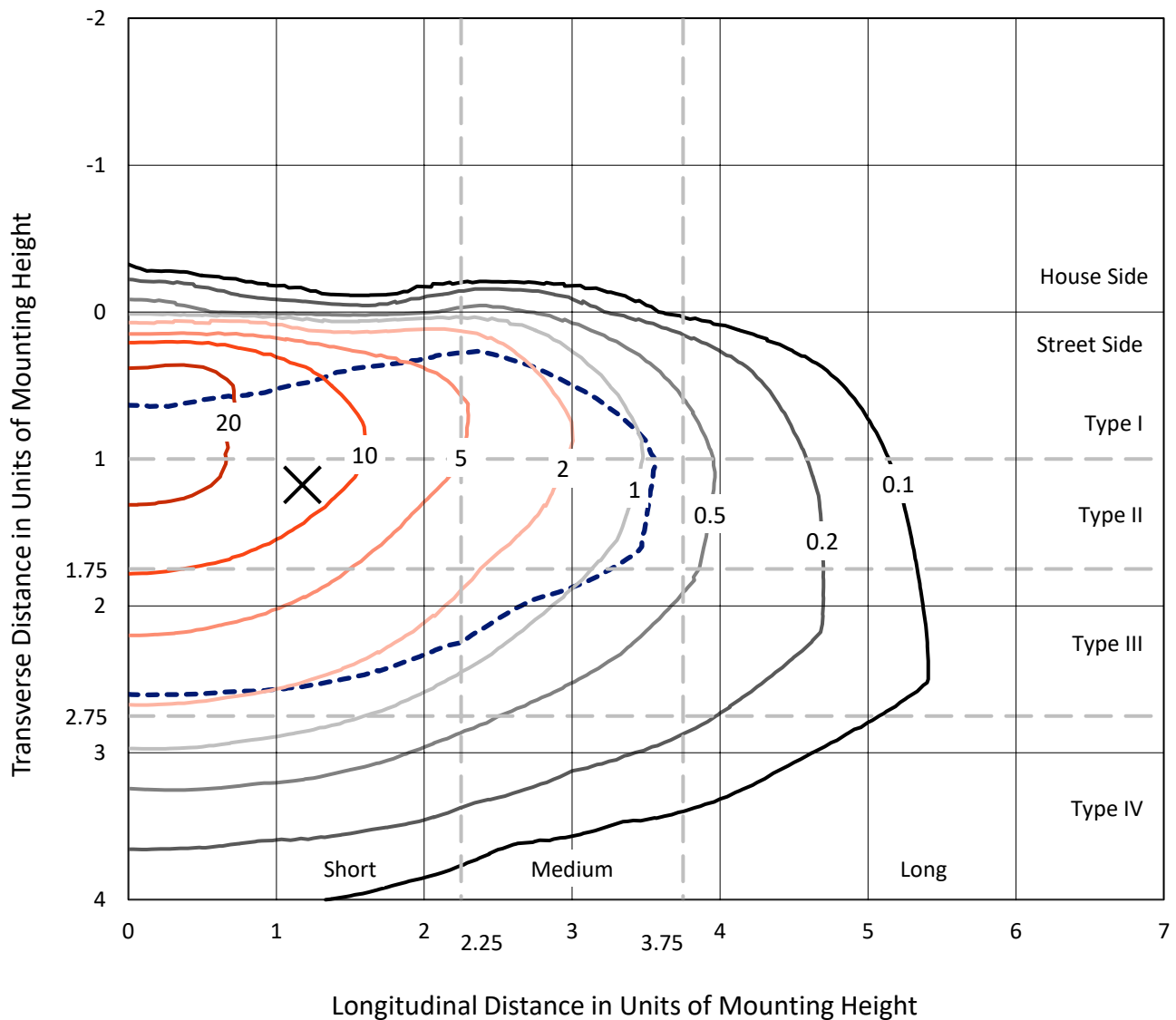


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

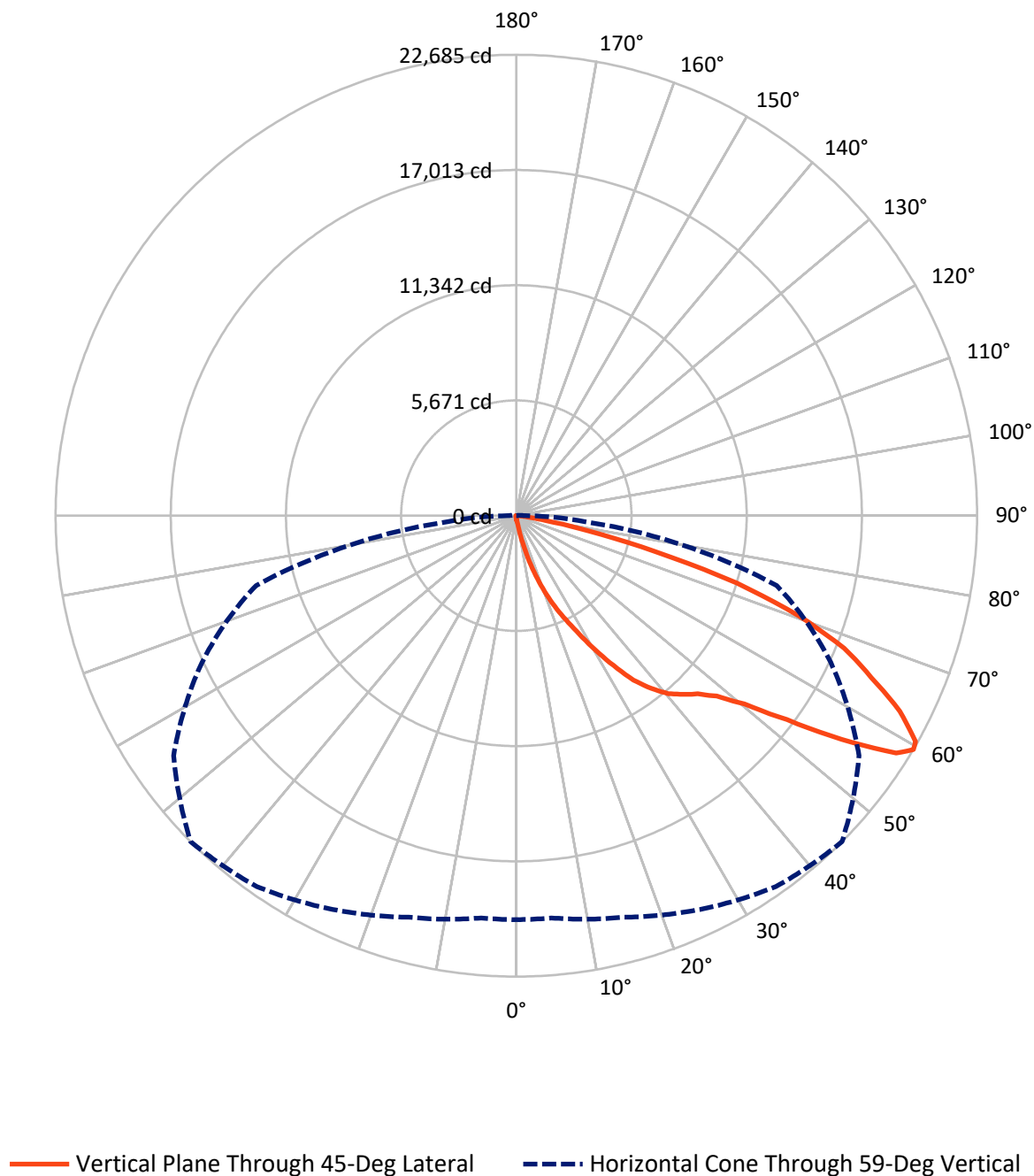


Based on 15 foot mounting height. Maximum calculated value = 30.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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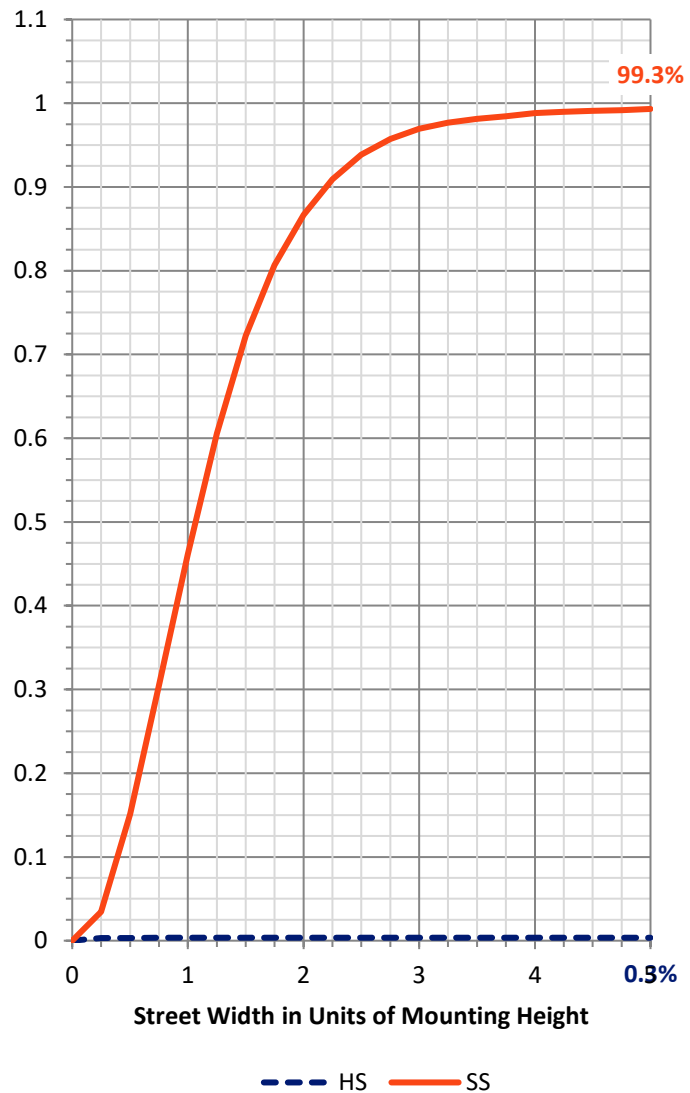
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	99.0	0.0	99.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	27794.0	0.0	27794.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	27893.1	0.0	27893.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.9	0.1
10°-20°	308.3	1.1
20°-30°	1107.8	4.0
30°-40°	2574.1	9.2
40°-50°	4387.4	15.7
50°-60°	7229.3	25.9
60°-70°	8358.7	30.0
70°-80°	3591.2	12.9
80°-90°	310.3	1.1
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°	27893.1	100.0
0°-180°	27893.1	100.0



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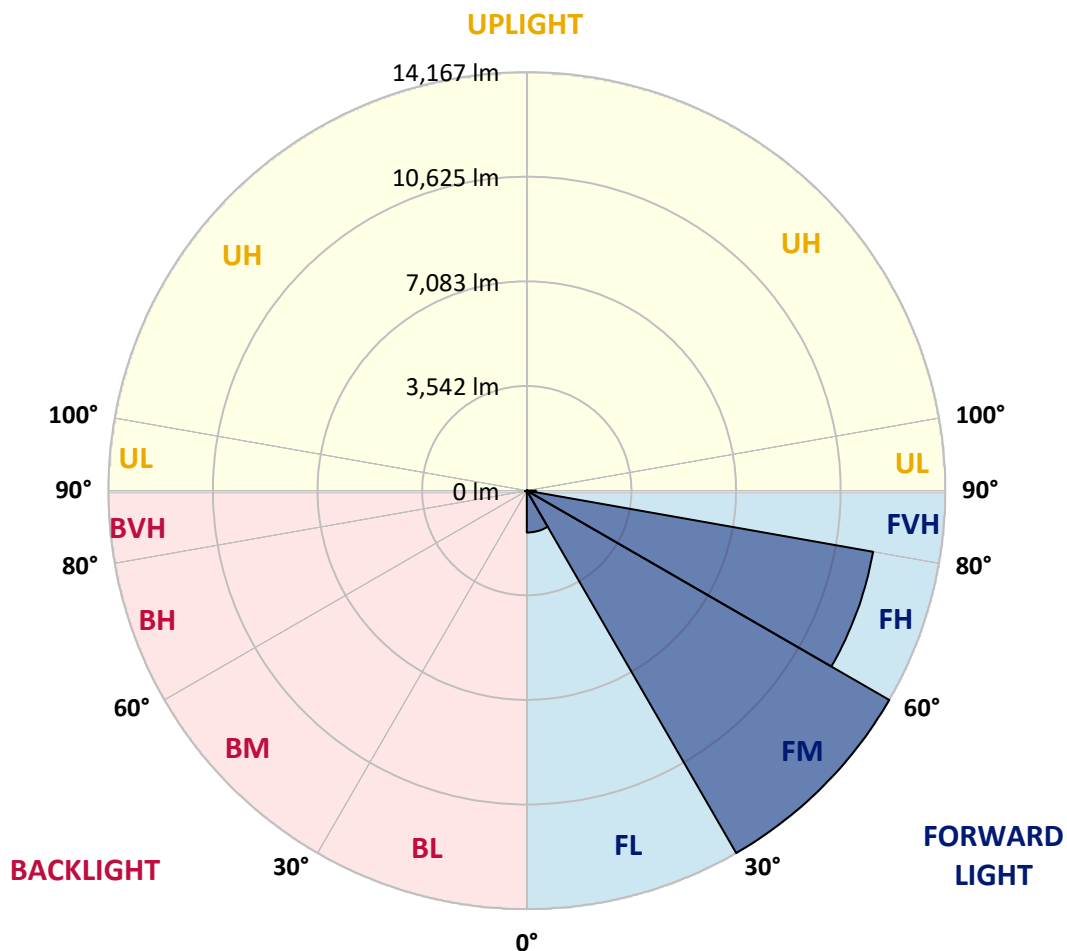
CATALOG NUMBER: NAV-SA6B-750-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1417.5	5.1			
FM	(30°-60°)	14166.9	50.8			
FH	(60°-80°)	11903.3	42.7			G4/12000
FVH	(80°-90°)	306.3	1.1			G3/500
BL	(0°-30°)	24.4	0.1	B0/110		
BM	(30°-60°)	24.0	0.1	B0/220		
BH	(60°-80°)	46.6	0.2	B0/110		G0/110
BVH	(80°-90°)	4.0	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-G4

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3
2.5°	228.8	228.8	223.2	215.7	213.8	208.2	208.2	202.6	195.1	189.4	181.9
5°	332.0	330.1	315.1	296.3	272.0	256.9	256.9	236.3	217.6	200.7	185.7
7.5°	725.8	709.0	654.6	564.5	446.4	367.6	362.0	294.5	249.4	215.7	187.6
10°	1665.5	1607.3	1530.4	1314.8	971.5	678.9	665.8	429.5	298.2	232.6	191.3
12.5°	2728.9	2775.8	2622.0	2282.5	1881.2	1399.2	1305.4	724.0	393.9	255.1	195.1
15°	3696.7	3685.4	3599.2	3321.6	2858.3	2216.9	2158.7	1258.5	564.5	290.7	198.8
17.5°	4420.6	4407.5	4325.0	4146.8	3790.5	3149.0	3098.4	2006.8	885.3	341.3	202.6
20°	5184.0	5167.1	5050.8	4908.3	4596.9	4051.2	3991.1	2843.3	1386.0	423.9	202.6
22.5°	6099.2	6067.4	5943.6	5701.6	5373.4	4898.9	4844.5	3698.6	2006.8	558.9	211.9
25°	7205.8	7151.4	6980.8	6763.2	6367.5	5737.3	5679.1	4651.3	2755.2	763.3	221.3
27.5°	8468.1	8477.4	8246.7	7879.1	7348.4	6705.0	6596.3	5504.7	3529.8	1055.9	232.6
30°	9966.6	9872.8	9548.4	9120.7	8605.0	7785.4	7680.3	6354.3	4400.0	1487.3	251.3
32.5°	11369.5	11268.2	10831.2	10293.0	9739.7	8875.0	8788.8	7309.0	5191.5	1997.4	285.1
35°	12573.6	12502.3	11890.9	11234.5	10743.1	9970.4	9944.1	8374.3	6121.8	2547.0	322.6
37.5°	13633.3	13503.9	12718.0	12037.2	11538.3	10846.2	10790.0	9349.6	7018.3	3184.7	378.9
40°	14537.3	14466.0	13507.6	12613.0	12207.9	11588.9	11517.7	10204.8	7944.8	3925.5	448.3
42.5°	15505.1	15411.3	14481.0	13477.6	12731.2	12069.1	12022.2	10910.0	8770.0	4739.5	551.4
45°	16598.5	16424.1	15608.2	14708.0	13573.3	12566.1	12513.6	11538.3	9615.9	5613.5	677.1
47.5°	17767.0	17615.1	16954.9	16322.8	15017.4	13385.7	13273.2	12072.8	10456.1	6622.5	836.5
50°	18956.1	18959.8	18464.7	18160.8	16782.3	14717.3	14557.9	12858.7	11339.5	7702.8	1072.8
52.5°	20340.2	20375.8	20368.3	20143.3	19074.2	16894.8	16681.0	14051.5	12365.4	8963.2	1399.2
55°	20919.8	20983.5	21398.0	21896.9	21606.2	19655.6	19426.8	16109.0	13725.2	10368.0	1883.0
57.5°	20445.2	20516.5	21088.5	21962.5	22630.2	22073.2	22046.9	18787.3	15516.3	12071.0	2674.5
59°	19880.7	19871.3	20458.4	21384.9	22285.1	22647.1	22684.6	20599.0	17076.8	13265.7	3357.2
60°	19505.6	19513.1	19903.2	20854.1	21810.6	22438.9	22585.2	21666.2	17988.3	14124.7	3942.4
62.5°	18057.7	18144.0	18453.4	19336.8	20244.6	20946.0	21195.5	22617.1	20597.2	16154.0	5977.3
65°	16484.1	16489.7	16930.5	17686.3	18556.6	19049.8	19207.4	21137.3	22339.5	18220.9	8646.2
67.5°	13676.4	13790.8	14291.6	15516.3	16666.0	17290.6	17410.6	18399.0	21617.5	19567.5	9983.5
70°	9570.9	9720.9	10435.5	12024.1	13736.4	14762.4	14754.9	15295.0	19025.5	18967.3	8464.3
72.5°	4778.9	5037.7	5621.0	7322.1	9396.4	11007.5	11347.0	12303.5	15283.8	15754.5	6314.9
75°	2111.9	2126.9	2458.8	3316.0	4670.1	6716.3	7020.1	9765.9	11725.9	10949.4	4561.3
77.5°	1228.5	1239.7	1299.7	1489.2	1892.4	3291.6	3632.9	6405.0	8286.1	6363.7	2974.6
80°	446.4	457.6	455.8	564.5	829.0	1296.0	1444.2	3104.0	5527.2	3351.6	1558.6
82.5°	273.8	273.8	264.5	266.3	302.0	497.0	543.9	1322.3	2691.4	1650.5	446.4
85°	135.0	142.5	151.9	170.7	202.6	245.7	260.7	378.9	905.9	399.5	106.9
87.5°	80.6	82.5	90.0	108.8	135.0	176.3	187.6	256.9	324.5	268.2	26.3
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°	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3
2.5°	178.2	176.3	166.9	159.4	151.9	144.4	138.8	133.2	133.2	135.0	133.2
5°	178.2	170.7	155.7	142.5	131.3	121.9	112.5	105.0	103.2	103.2	105.0
7.5°	176.3	166.9	146.3	129.4	114.4	101.3	91.9	82.5	80.6	82.5	80.6
10°	174.4	163.2	138.8	118.2	97.5	84.4	71.3	61.9	61.9	61.9	63.8
12.5°	174.4	157.5	131.3	106.9	84.4	69.4	56.3	46.9	45.0	45.0	45.0
15°	172.5	153.8	123.8	93.8	71.3	52.5	41.3	31.9	31.9	31.9	31.9
17.5°	168.8	148.2	114.4	82.5	56.3	39.4	28.1	18.8	18.8	22.5	22.5
20°	165.0	142.5	103.2	67.5	46.9	30.0	18.8	11.3	11.3	16.9	18.8
22.5°	166.9	142.5	95.7	60.0	37.5	22.5	15.0	9.4	7.5	13.1	16.9
25°	168.8	138.8	86.3	52.5	28.1	16.9	11.3	3.8	1.9	3.8	5.6
27.5°	168.8	135.0	75.0	41.3	20.6	13.1	5.6	0.0	0.0	0.0	0.0
30°	166.9	129.4	65.6	33.8	15.0	7.5	1.9	0.0	0.0	0.0	0.0
32.5°	165.0	123.8	60.0	26.3	13.1	3.8	0.0	0.0	0.0	0.0	0.0
35°	166.9	116.3	52.5	20.6	7.5	0.0	0.0	0.0	0.0	0.0	3.8
37.5°	172.5	108.8	45.0	16.9	5.6	0.0	0.0	0.0	0.0	0.0	0.0
40°	180.1	103.2	37.5	13.1	1.9	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	195.1	103.2	33.8	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	213.8	103.2	28.1	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	238.2	105.0	24.4	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	268.2	108.8	22.5	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	290.7	105.0	20.6	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	330.1	101.3	18.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	382.6	95.7	18.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	435.1	88.2	18.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	495.1	84.4	16.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	817.7	75.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1579.2	71.3	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2552.6	71.3	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2683.9	71.3	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1785.5	58.1	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	956.5	52.5	5.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	515.8	48.8	7.5	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	226.9	35.6	9.4	5.6	3.8	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	90.0	24.4	11.3	9.4	7.5	3.8	0.0	0.0	0.0	0.0	0.0
85°	43.1	18.8	15.0	13.1	9.4	5.6	0.0	0.0	0.0	0.0	0.0
87.5°	20.6	18.8	16.9	15.0	13.1	9.4	1.9	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

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-6

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-750-U-5WQ

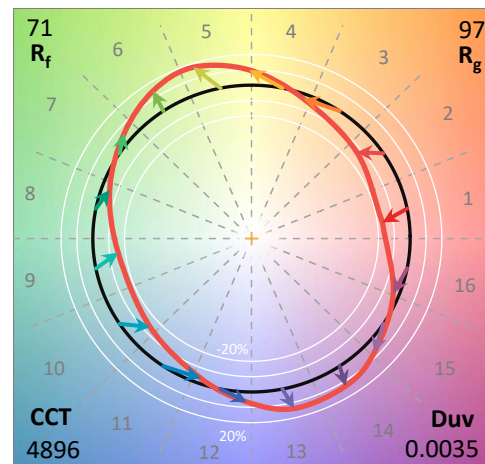
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-6
 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-750-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4896	CRI (Ra):	70.2		
CIE u':	0.2101	R1:	68.1	R9:	-35.1
CIE v':	0.4901	R2:	73.9	R10:	39.3
Duv:	0.0035	R3:	79.4	R11:	71.1
CIE x:	0.3489	R4:	72.1	R12:	43.8
CIE y:	0.3618	R5:	69.2	R13:	68.1
CIE z:	0.2893	R6:	65.7	R14:	88.4
Peak Wavelength (nm):	443	R7:	78.1	R15:	59.7
Dominant Wavelength (nm):	570	R8:	55.3		
Purity:	13.25435				
Rf:	70.7				
Rg:	96.8				



Test Conditions

Stabilization Time: 21M
 Operation Time: 1H 21M
 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



Point lies inside the ANSI 5000K 4-step quadrangle

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Photopic Flux vs. Wavelength

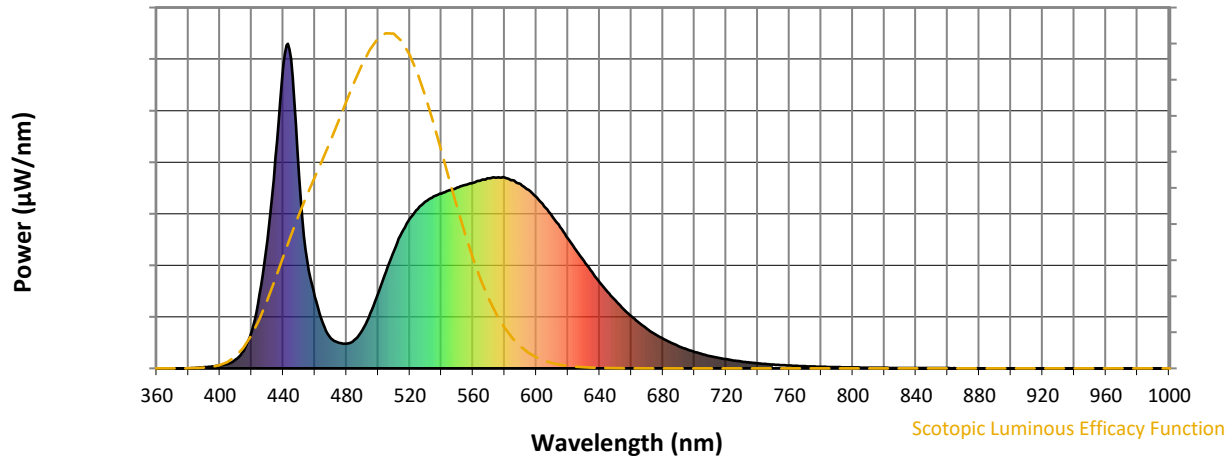


Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



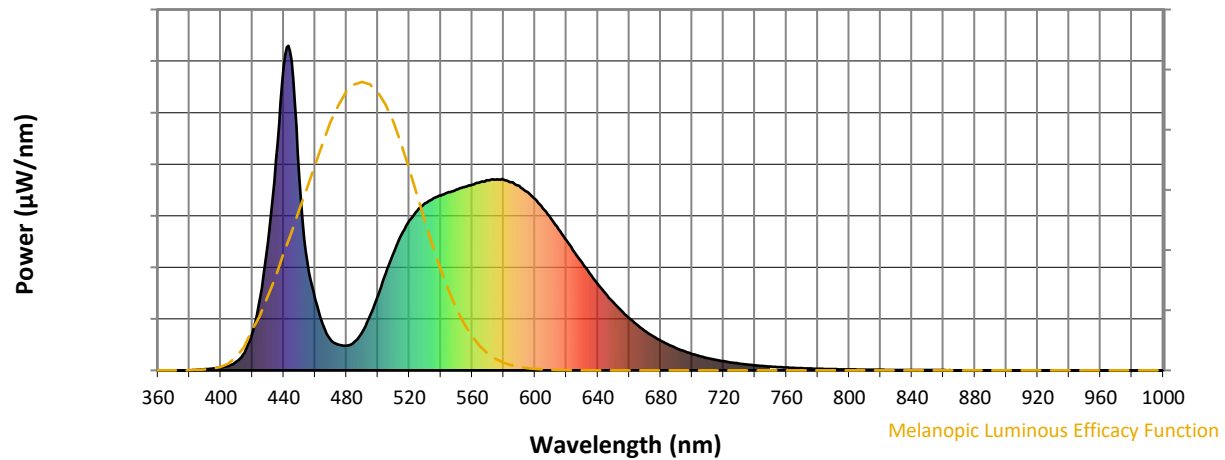
Scotopic Lumens: NR

S/P: 1.7

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.37

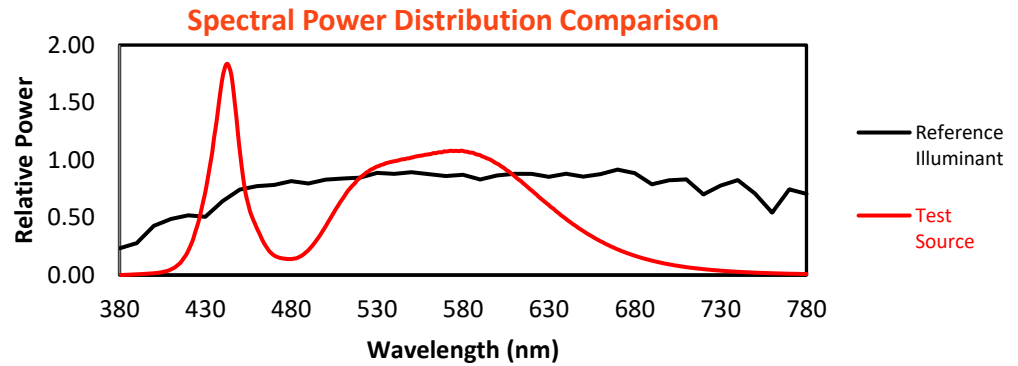
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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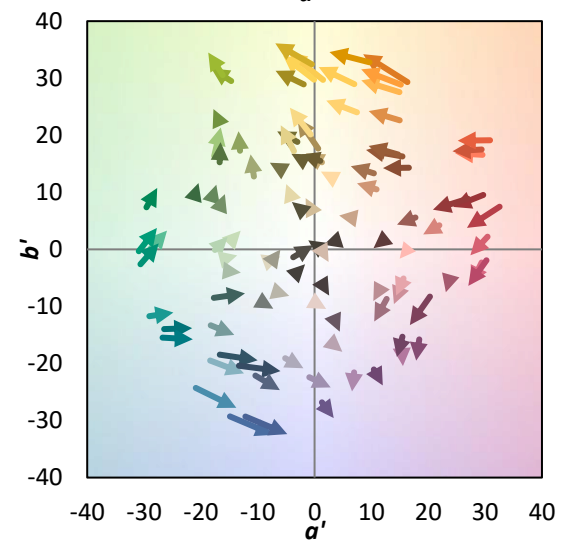
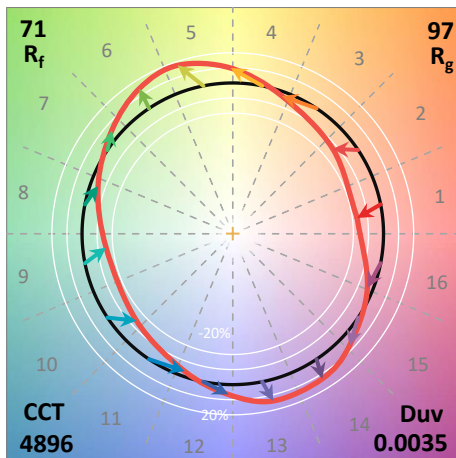
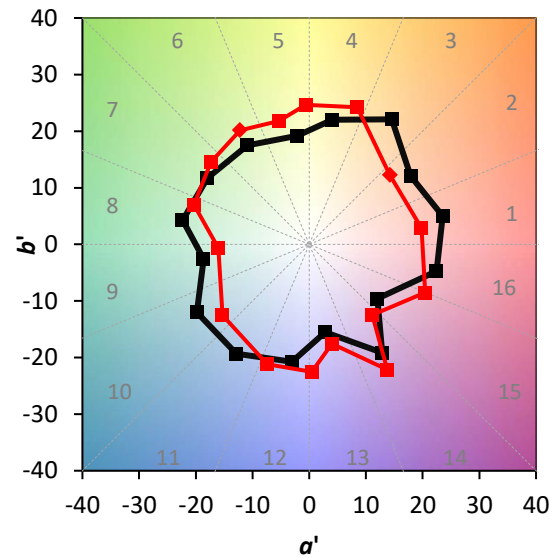
TM-30-18

Summary

$R_f = 70.7$
 $R_g = 96.8$
 $CIE R_a = 70.2$
 $R_g = -35.1$

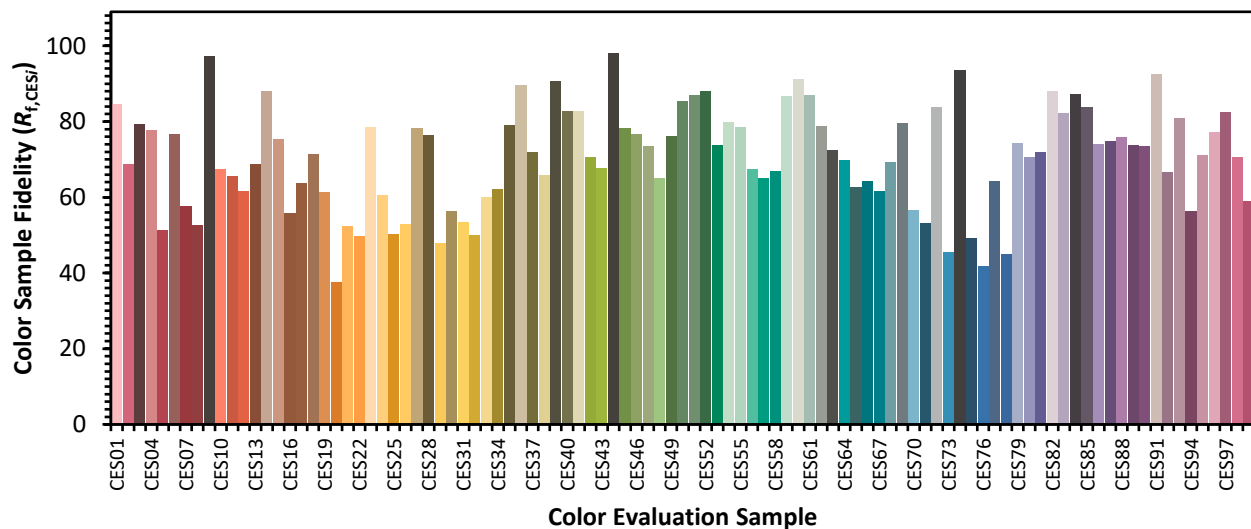


Color Vector Graphics

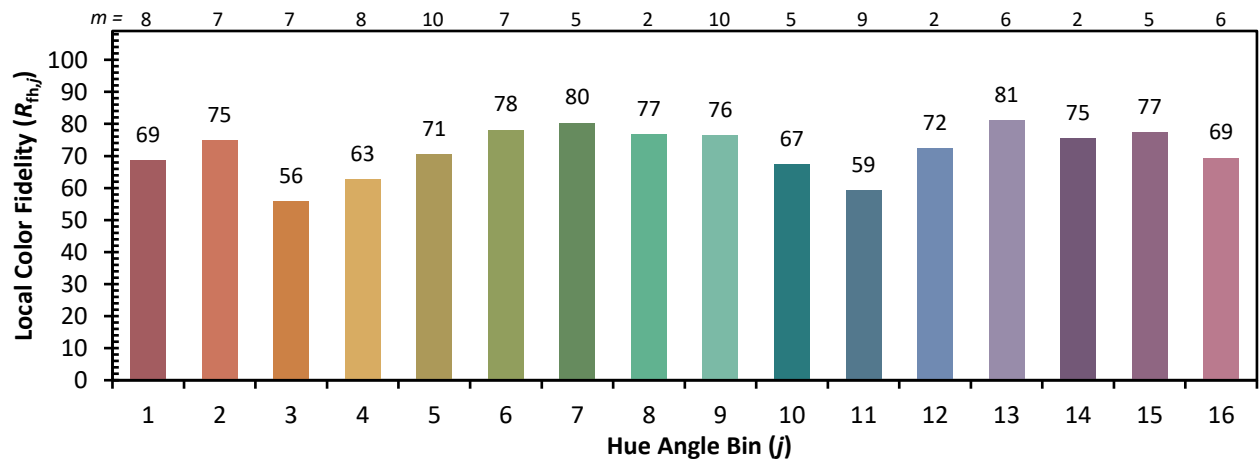
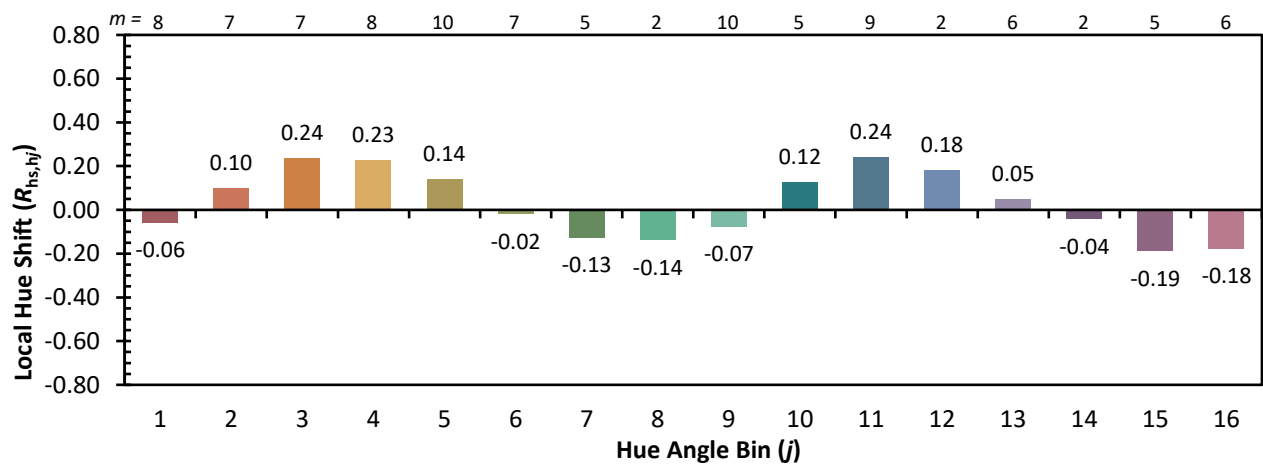
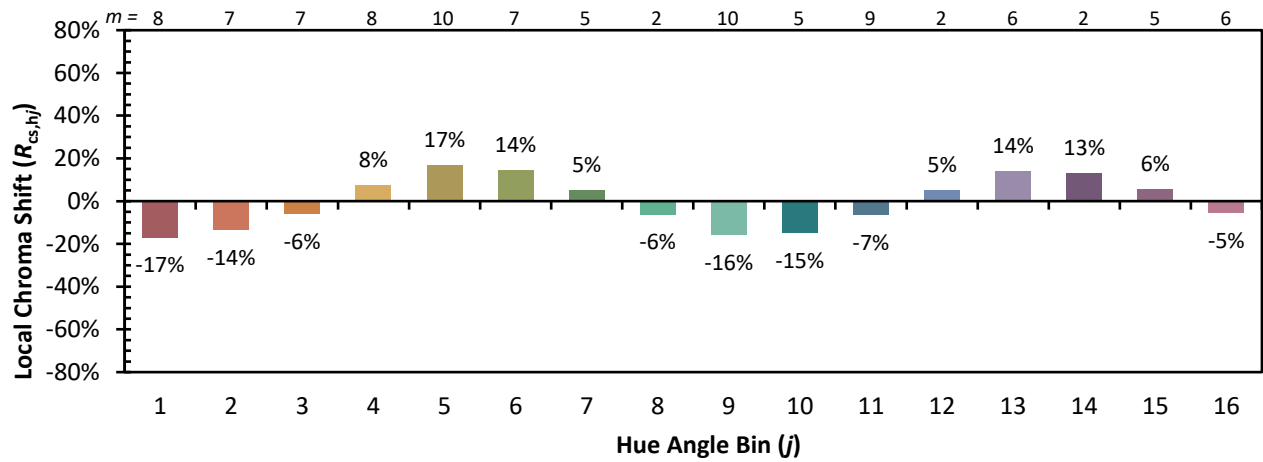


Individual Sample Fidelity Index ($R_{f,i}$)

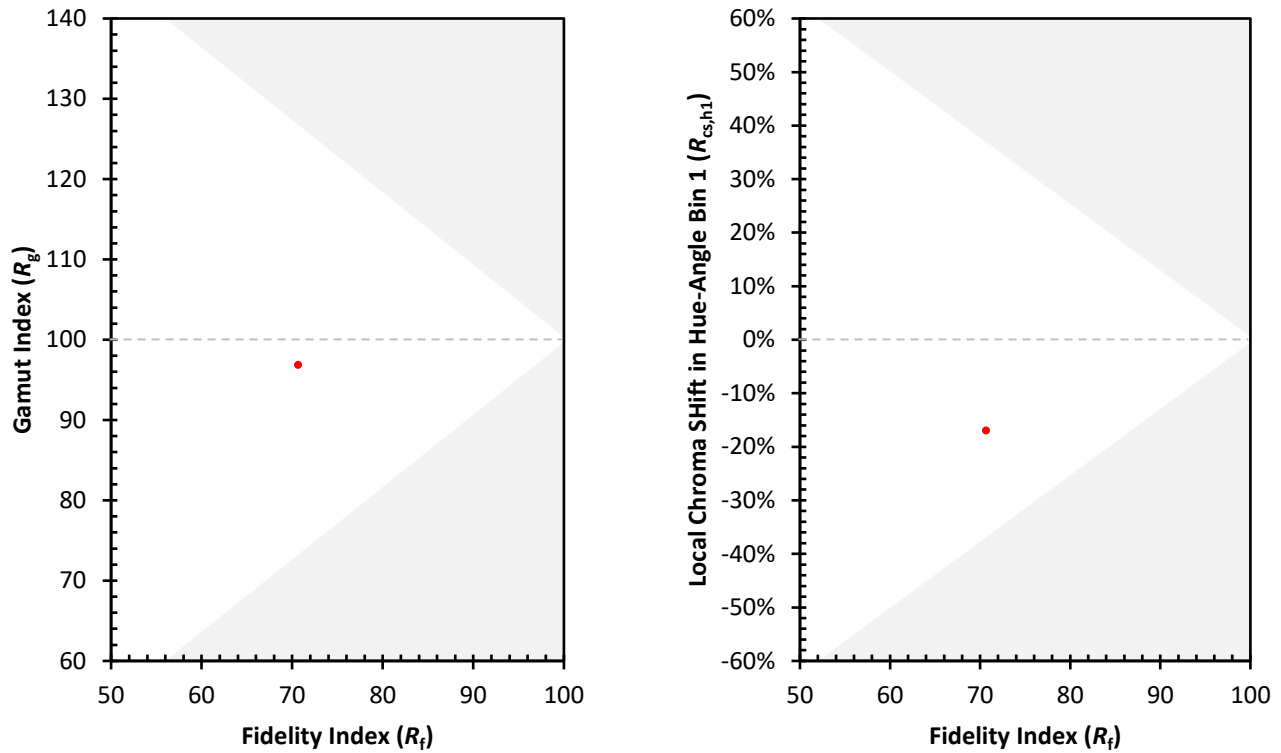
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 88
CES08 = 38	CES33 = 60	CES58 = 67	CES83 = 82
CES09 = 29	CES34 = 62	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 79	CES60 = 91	CES85 = 84
CES11 = 56	CES36 = 90	CES61 = 87	CES86 = 74
CES12 = 61	CES37 = 72	CES62 = 79	CES87 = 75
CES13 = 41	CES38 = 66	CES63 = 72	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 70	CES89 = 74
CES15 = 70	CES40 = 83	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 83	CES66 = 64	CES91 = 92
CES17 = 49	CES42 = 70	CES67 = 62	CES92 = 67
CES18 = 55	CES43 = 68	CES68 = 69	CES93 = 81
CES19 = 71	CES44 = 98	CES69 = 80	CES94 = 56
CES20 = 64	CES45 = 78	CES70 = 56	CES95 = 71
CES21 = 85	CES46 = 77	CES71 = 53	CES96 = 77
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 46	CES98 = 71
CES24 = 90	CES49 = 76	CES74 = 94	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)