

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: P1067514

Luminaire Tested: **NAV-SA2B-750-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067514
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA2B-750-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 2xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9000.5 lumens
Efficiency: N/A
Efficacy: 123.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 72.8
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

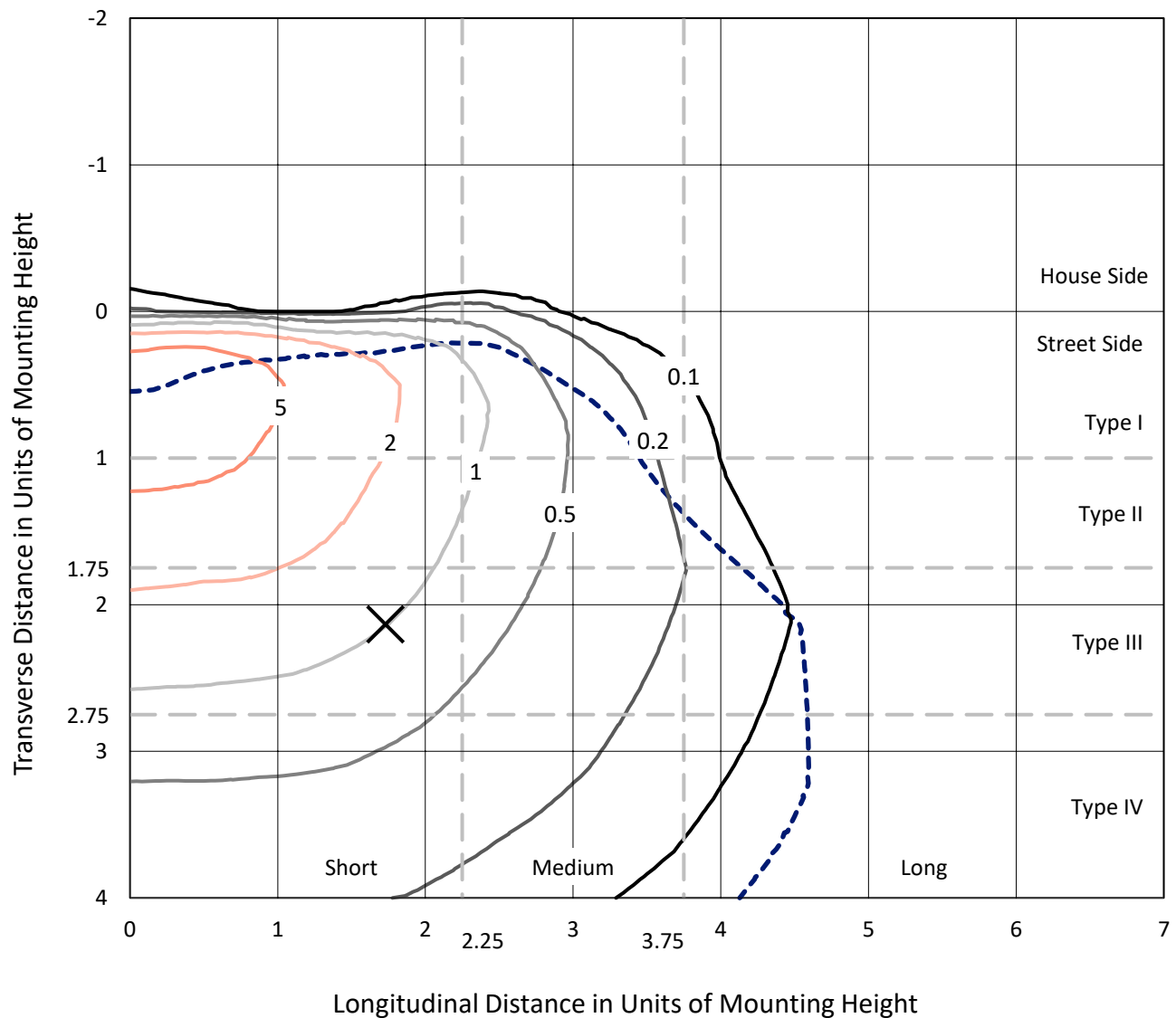


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

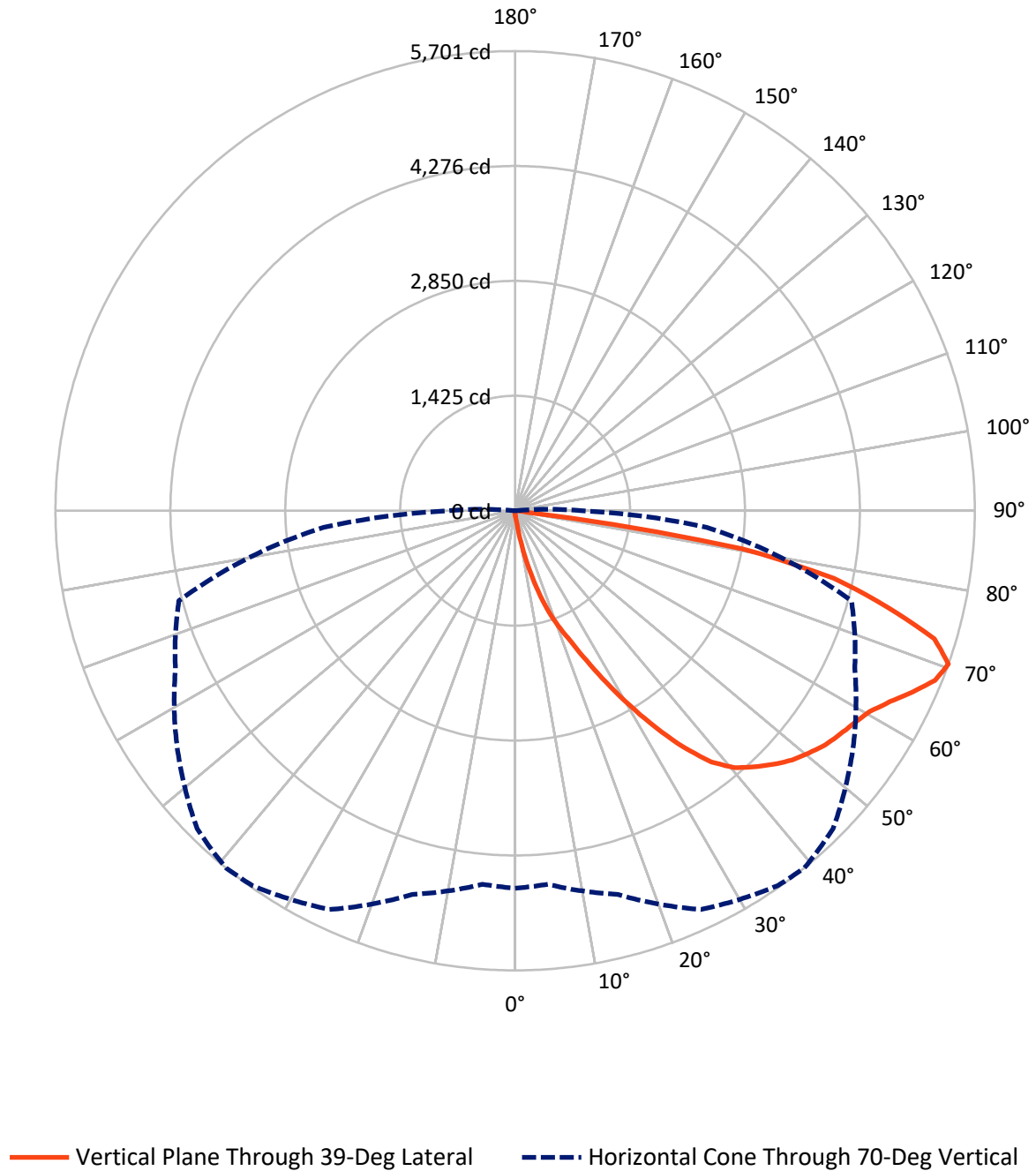


Based on 15 foot mounting height. Maximum calculated value = 9.8 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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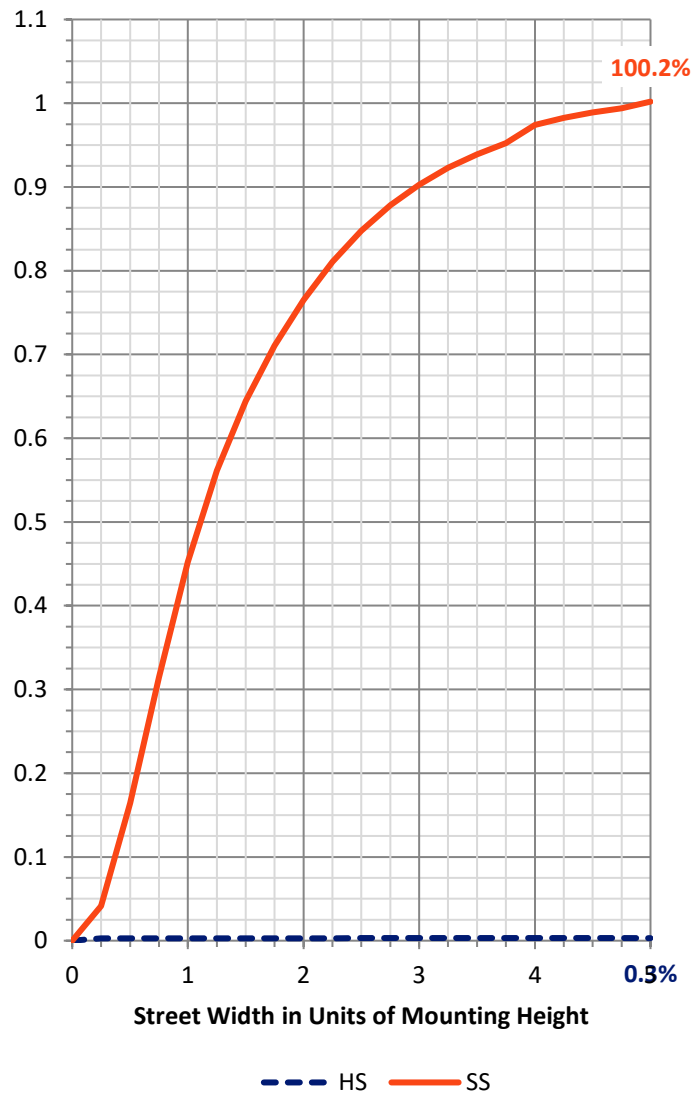
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	27.7	0.0	27.7
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	8972.8	0.0	8972.8
	% Fixture	99.7	0.0	99.7
Total	Lumens	9000.5	0.0	9000.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.5	0.1
10°-20°	110.7	1.2
20°-30°	375.5	4.2
30°-40°	882.5	9.8
40°-50°	1432.9	15.9
50°-60°	1815.8	20.2
60°-70°	2306.6	25.6
70°-80°	1874.1	20.8
80°-90°	193.0	2.1
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°	9000.5	100.0
0°-180°	9000.5	100.0



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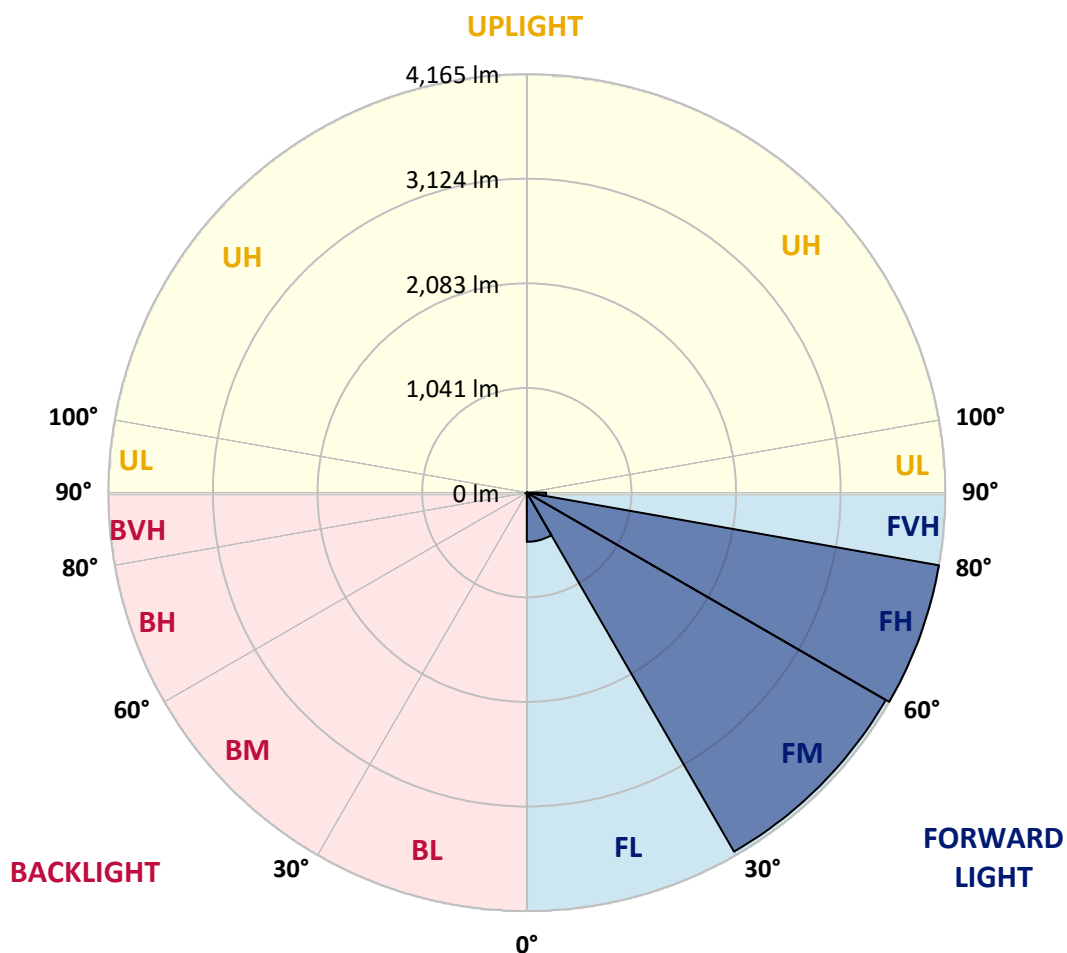
CATALOG NUMBER: NAV-SA2B-750-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	489.6	5.4			
FM	(30°-60°)	4125.9	45.8			
FH	(60°-80°)	4165.4	46.3			G2/5000
FVH	(80°-90°)	191.8	2.1			G2/225
BL	(0°-30°)	6.0	0.1	B0/110		
BM	(30°-60°)	5.3	0.1	B0/220		
BH	(60°-80°)	15.2	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 IV Short



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CATALOG NUMBER: NAV-SA2B-750-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
2.5°	63.5	63.5	63.5	61.1	61.1	58.6	58.6	56.2	53.8	53.8	51.3
5°	119.7	122.2	114.8	100.2	90.4	85.5	80.6	68.4	61.1	56.2	51.3
7.5°	327.4	317.7	303.0	254.1	195.5	166.2	141.7	100.2	73.3	58.6	51.3
10°	689.1	662.2	620.7	554.7	439.8	393.4	305.5	183.3	102.6	66.0	51.3
12.5°	1011.7	1016.5	965.2	901.7	762.4	684.2	564.5	344.5	161.3	78.2	51.3
15°	1256.0	1251.1	1231.6	1180.3	1055.6	979.9	872.4	579.1	271.2	97.7	53.8
17.5°	1449.1	1429.5	1422.2	1400.2	1319.5	1278.0	1160.7	852.8	430.1	132.0	56.2
20°	1642.1	1637.2	1629.9	1605.4	1551.7	1522.4	1432.0	1128.9	640.2	188.2	61.1
22.5°	1923.1	1896.2	1901.1	1847.4	1803.4	1752.1	1678.8	1422.2	882.1	268.8	68.4
25°	2253.0	2250.6	2211.5	2187.0	2113.7	2057.5	1959.8	1705.6	1150.9	388.5	75.8
27.5°	2641.5	2614.7	2597.5	2556.0	2480.3	2416.7	2282.3	1986.6	1441.7	522.9	85.5
30°	3047.2	3047.2	3015.4	2951.9	2878.6	2800.4	2663.5	2282.3	1730.1	694.0	97.7
32.5°	3521.2	3531.0	3452.8	3357.5	3262.2	3208.4	3030.1	2617.1	2006.2	889.5	112.4
35°	3980.6	3968.4	3838.9	3733.8	3663.0	3604.3	3452.8	2983.6	2319.0	1116.7	132.0
37.5°	4420.5	4388.7	4173.7	4024.6	3992.8	3953.7	3802.2	3350.2	2629.3	1368.4	156.4
40°	4735.7	4686.8	4464.5	4259.2	4212.8	4190.8	4073.5	3682.5	2956.8	1649.4	188.2
42.5°	4872.5	4816.3	4662.4	4496.2	4393.6	4342.3	4239.6	3953.7	3284.2	1962.2	234.6
45°	4899.4	4855.4	4745.5	4706.4	4567.1	4488.9	4349.6	4146.8	3589.7	2272.5	298.1
47.5°	4801.7	4782.1	4716.2	4799.2	4728.4	4620.9	4452.2	4291.0	3860.9	2648.9	386.1
50°	4562.2	4547.5	4579.3	4796.8	4845.7	4723.5	4564.6	4403.4	4095.5	3037.4	510.7
52.5°	4239.6	4237.2	4386.3	4733.3	4897.0	4821.2	4674.6	4515.8	4281.2	3413.7	686.7
55°	3887.8	3929.3	4190.8	4674.6	4926.3	4892.1	4782.1	4616.0	4447.4	3763.1	970.1
57.5°	3858.4	3841.3	4093.0	4650.2	4943.4	4963.0	4889.6	4721.0	4589.1	4049.0	1348.9
60°	4151.7	4112.6	4207.9	4701.5	5019.2	5053.4	4997.2	4801.7	4730.8	4273.9	1847.4
62.5°	4491.3	4454.7	4503.6	4899.4	5168.2	5217.1	5146.2	4884.8	4845.7	4430.2	2382.5
65°	4762.6	4733.3	4826.1	5195.1	5375.9	5417.5	5368.6	5038.7	4897.0	4557.3	2817.5
67.5°	4806.6	4769.9	4963.0	5393.0	5586.1	5615.4	5576.3	5187.8	4879.9	4567.1	2917.7
70°	4681.9	4650.2	4926.3	5456.6	5676.5	5700.9	5576.3	5116.9	4647.7	4317.8	2385.0
72.5°	4298.3	4322.7	4679.5	5302.6	5551.9	5439.5	5175.5	4760.1	4347.2	3660.5	1673.9
75°	3702.1	3728.9	4203.0	4879.9	4899.4	4762.6	4620.9	4378.9	3890.2	2411.8	1160.7
77.5°	2631.8	2536.5	3245.1	4029.5	3958.6	4046.6	4058.8	3643.4	3257.3	1256.0	777.1
80°	259.0	219.9	408.1	1155.8	2553.6	2854.1	2971.4	2807.7	2402.1	562.0	408.1
82.5°	56.2	56.2	61.1	66.0	102.6	153.9	706.2	1730.1	1551.7	285.9	132.0
85°	31.8	31.8	39.1	46.4	61.1	68.4	80.6	107.5	417.9	102.6	24.4
87.5°	24.4	26.9	31.8	39.1	51.3	56.2	68.4	85.5	105.1	95.3	7.3
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°	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
2.5°	51.3	48.9	46.4	44.0	41.5	41.5	39.1	39.1	39.1	39.1	39.1
5°	48.9	46.4	44.0	39.1	36.7	34.2	31.8	31.8	31.8	31.8	31.8
7.5°	48.9	46.4	41.5	36.7	31.8	29.3	26.9	24.4	24.4	26.9	26.9
10°	48.9	44.0	36.7	31.8	26.9	24.4	22.0	19.5	19.5	19.5	19.5
12.5°	46.4	41.5	34.2	29.3	24.4	19.5	14.7	12.2	12.2	12.2	12.2
15°	44.0	39.1	31.8	24.4	17.1	12.2	9.8	7.3	7.3	7.3	7.3
17.5°	44.0	36.7	29.3	22.0	12.2	7.3	4.9	2.4	2.4	2.4	4.9
20°	44.0	36.7	26.9	17.1	7.3	4.9	4.9	2.4	0.0	2.4	2.4
22.5°	44.0	34.2	22.0	12.2	7.3	4.9	2.4	0.0	0.0	0.0	0.0
25°	46.4	34.2	19.5	9.8	4.9	2.4	0.0	0.0	0.0	0.0	0.0
27.5°	46.4	31.8	17.1	7.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0
30°	48.9	31.8	14.7	4.9	2.4	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	48.9	29.3	9.8	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	48.9	26.9	7.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	48.9	24.4	7.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	51.3	22.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	53.8	19.5	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	56.2	17.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	63.5	17.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	73.3	17.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	88.0	17.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	114.8	14.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	166.2	14.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	278.6	14.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	488.7	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	825.9	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1077.6	17.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	818.6	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	391.0	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	173.5	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	75.8	7.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	29.3	4.9	2.4	2.4	2.4	2.4	0.0	0.0	0.0	0.0	0.0
82.5°	12.2	4.9	2.4	2.4	2.4	2.4	2.4	0.0	0.0	0.0	0.0
85°	7.3	4.9	4.9	4.9	2.4	2.4	2.4	0.0	0.0	0.0	0.0
87.5°	4.9	4.9	4.9	4.9	4.9	2.4	2.4	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

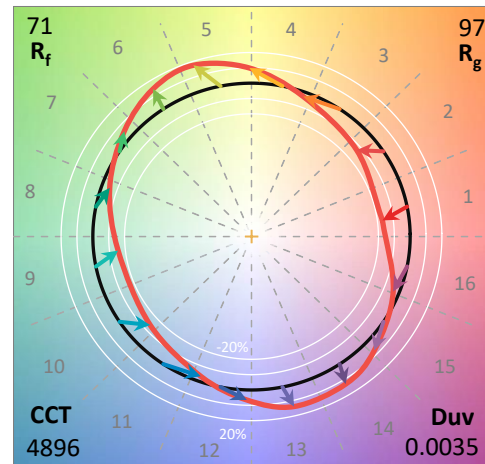
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

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



CCT = 4896K
 CIE x = 0.3489
 CIE y = 0.3618
 Duv = 0.0035

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Photopic Flux vs. Wavelength

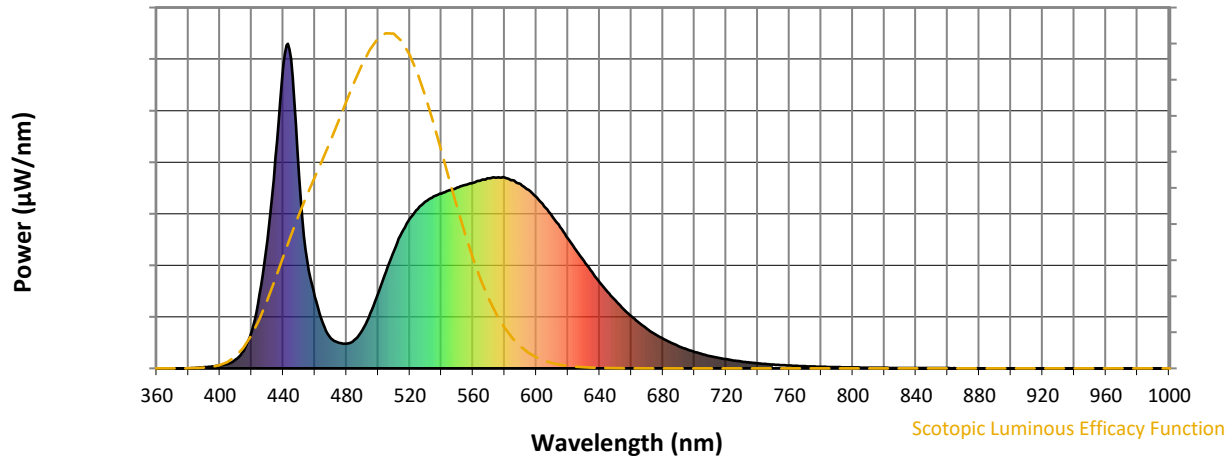


Photopic Lumens: NR

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	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



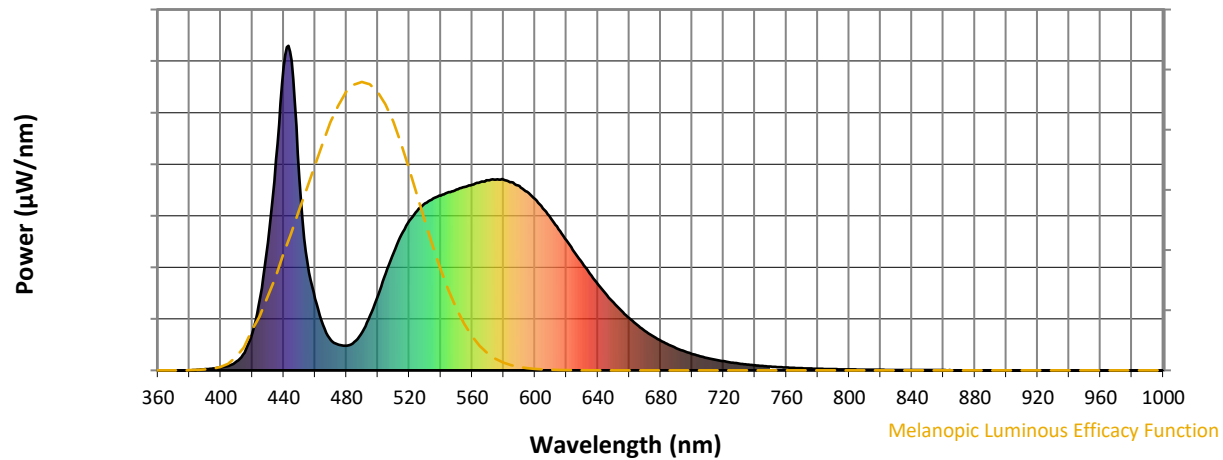
Scotopic Lumens: NR

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

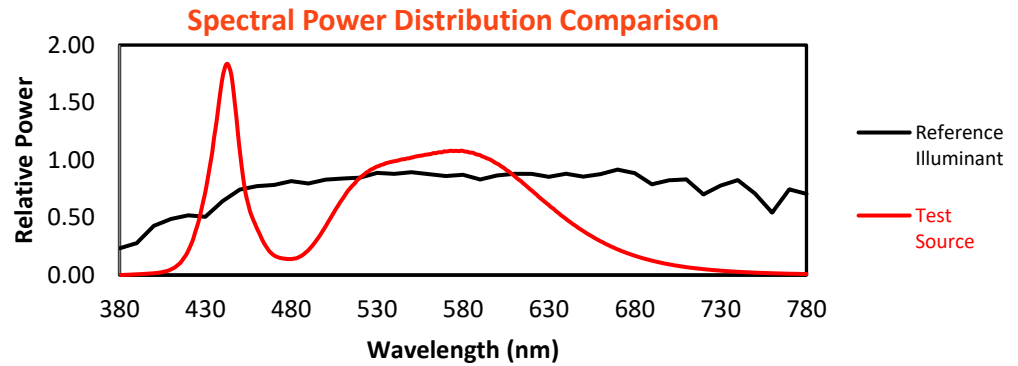
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	118	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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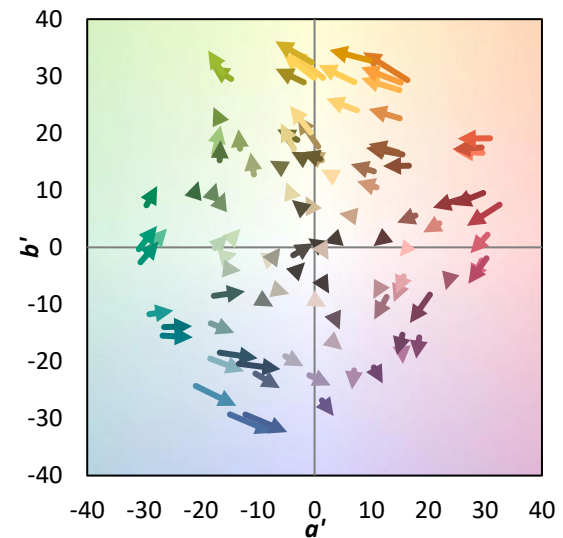
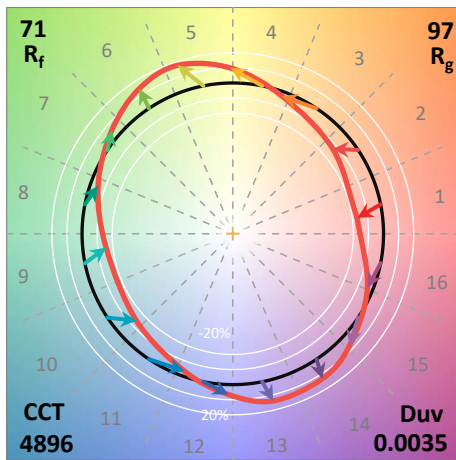
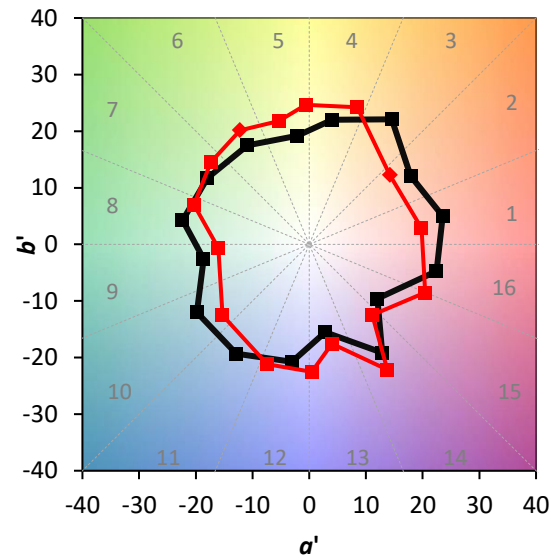
TM-30-18

Summary

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

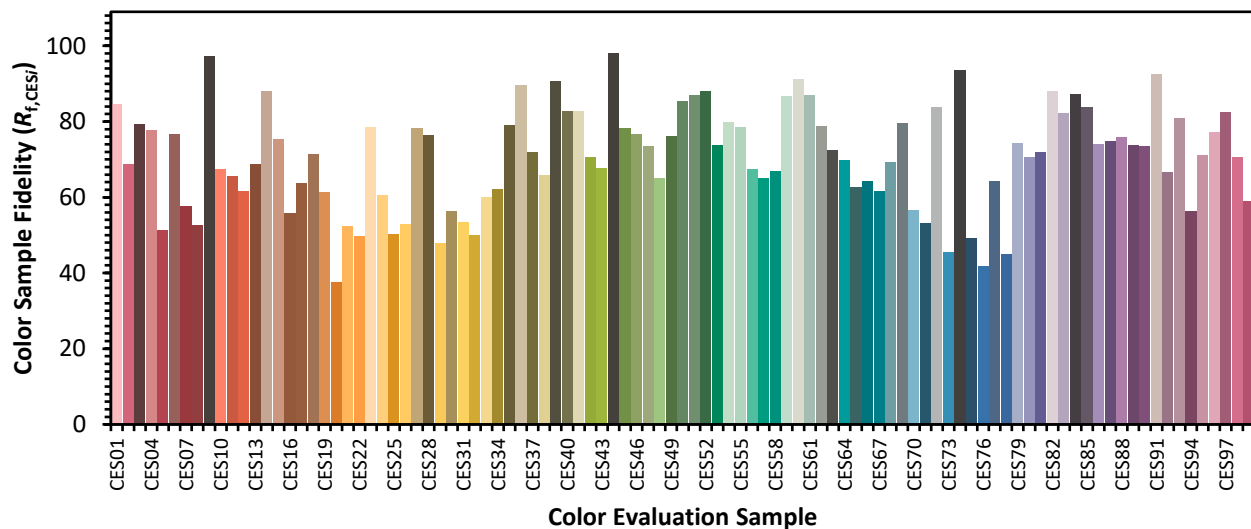


Color Vector Graphics

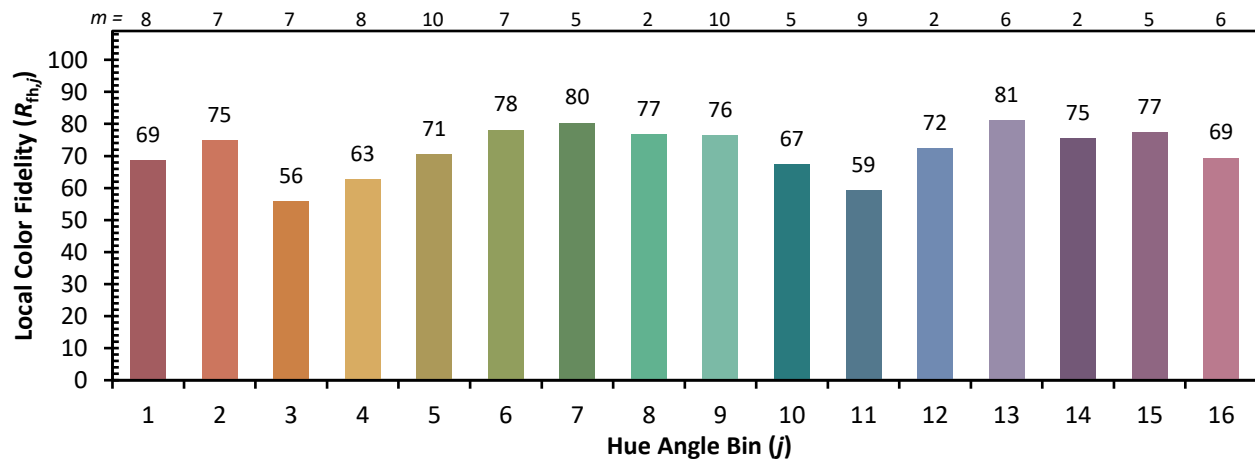
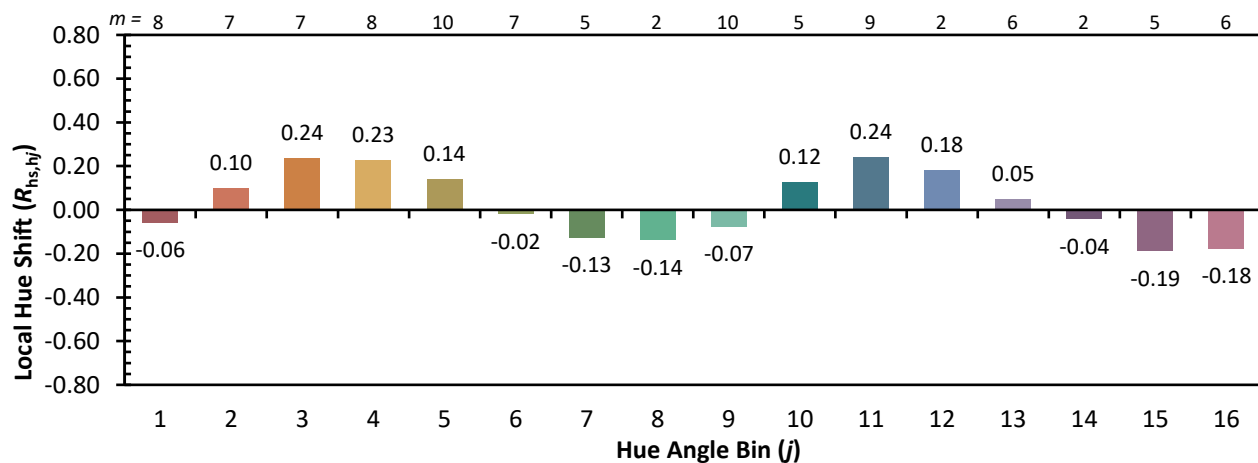
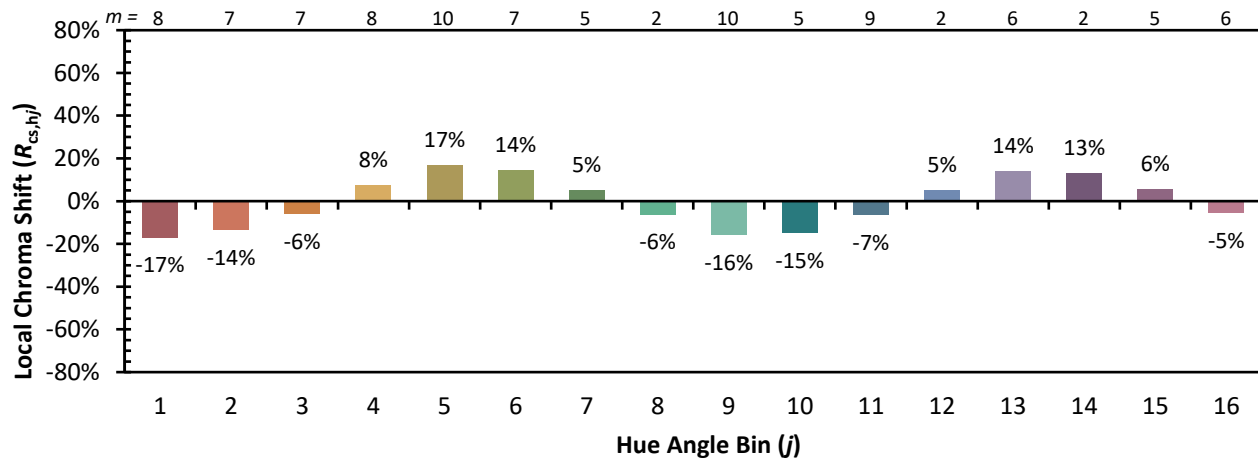


Individual Sample Fidelity Index ($R_{f,i}$)

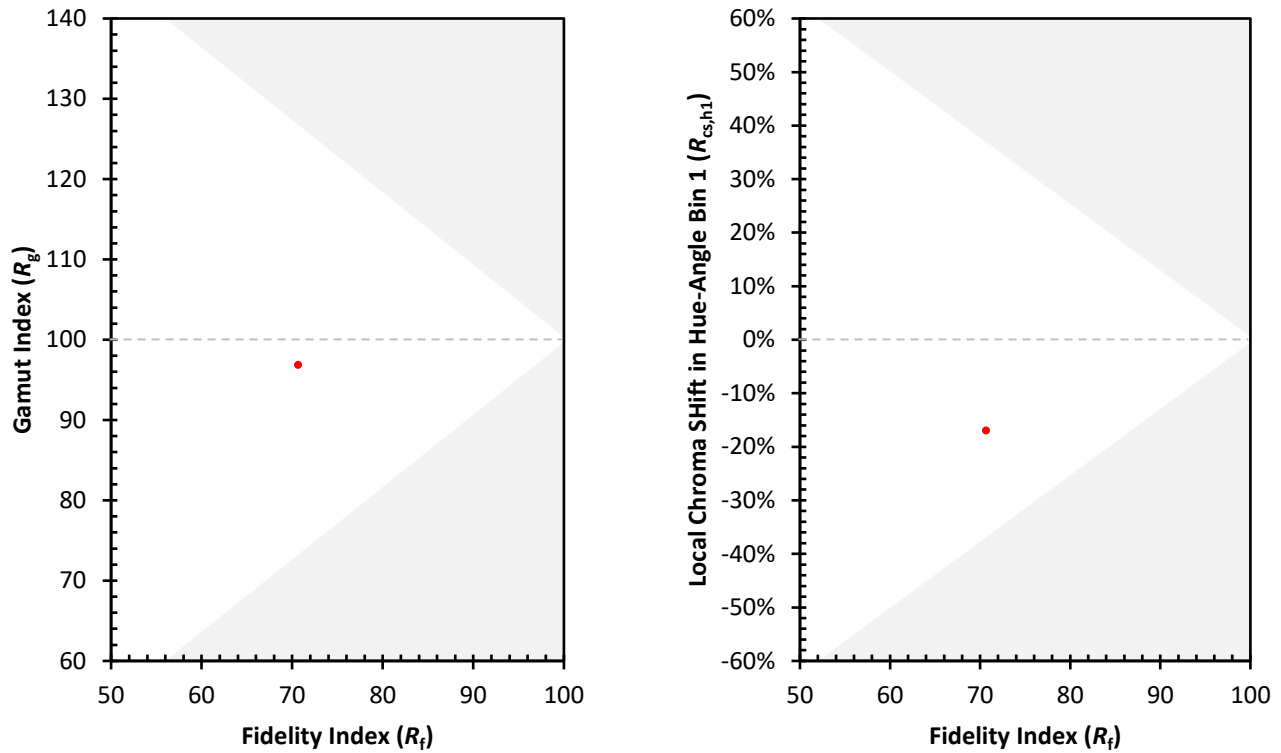
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 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)