

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: P1067511

Luminaire Tested: **NAV-SA1C-750-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067511
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA1C-750-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 1xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (14) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5735.5 lumens
Efficiency: N/A
Efficacy: 114.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 50.1
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

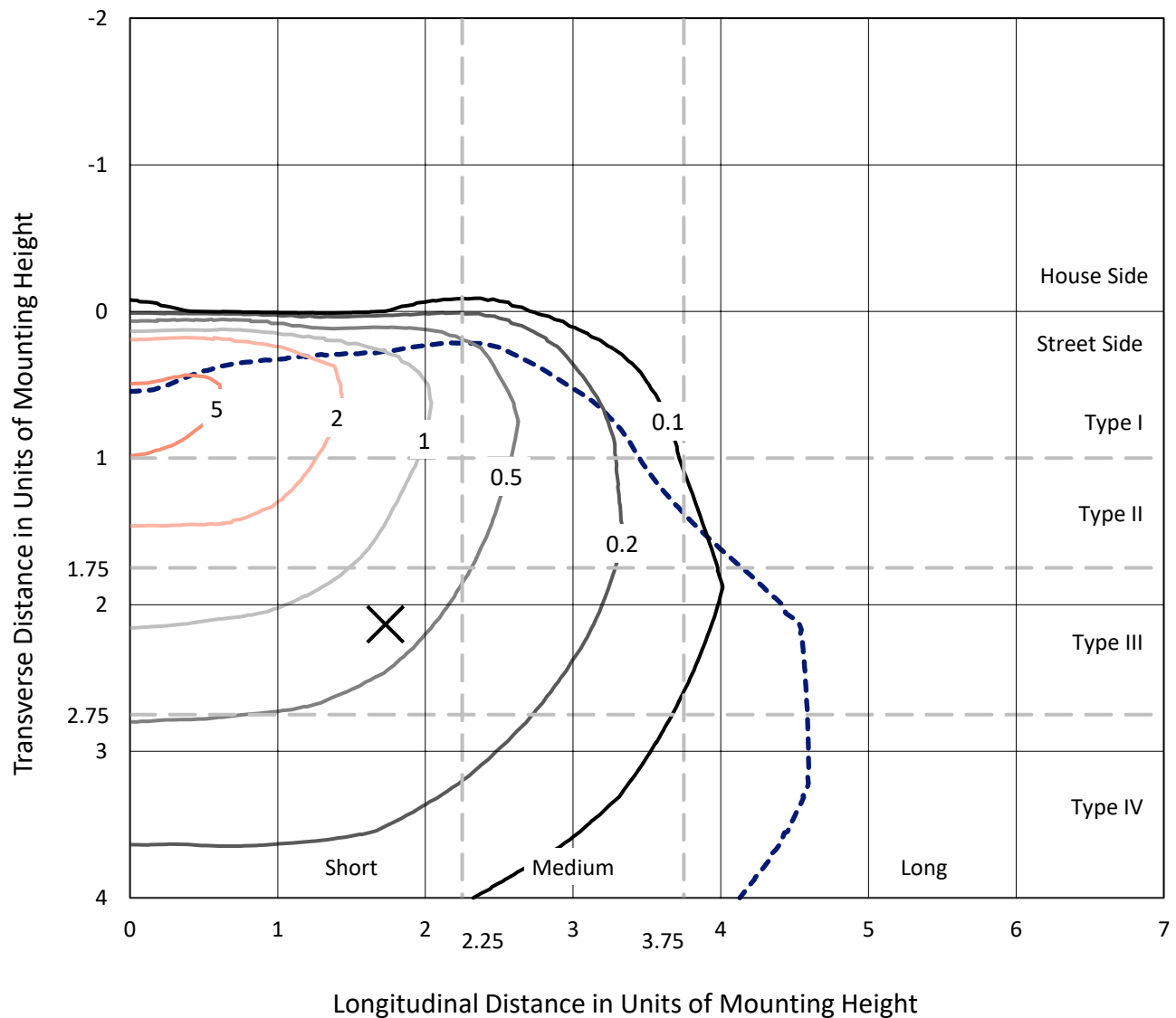


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

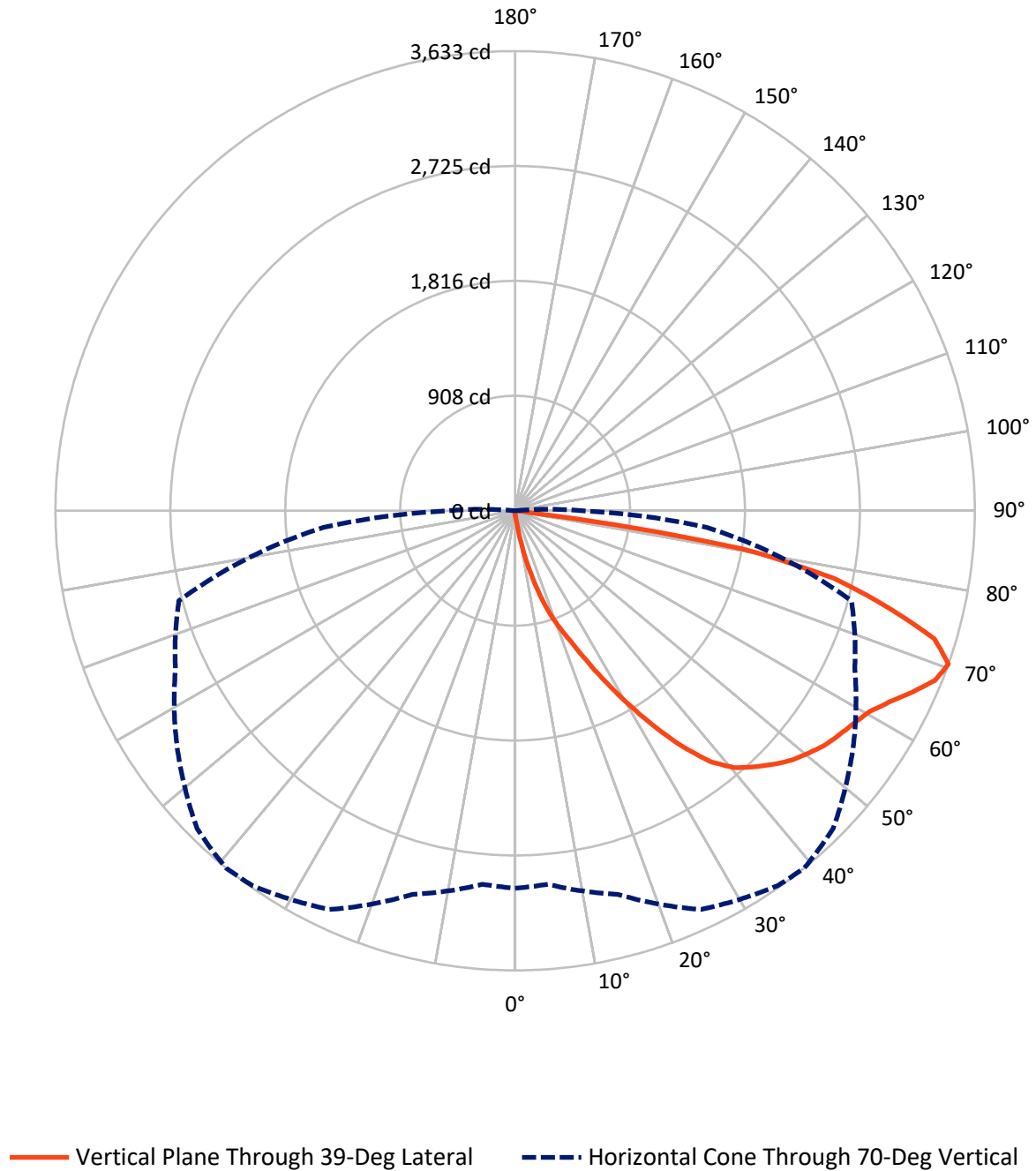


Based on 15 foot mounting height. Maximum calculated value = 6.2 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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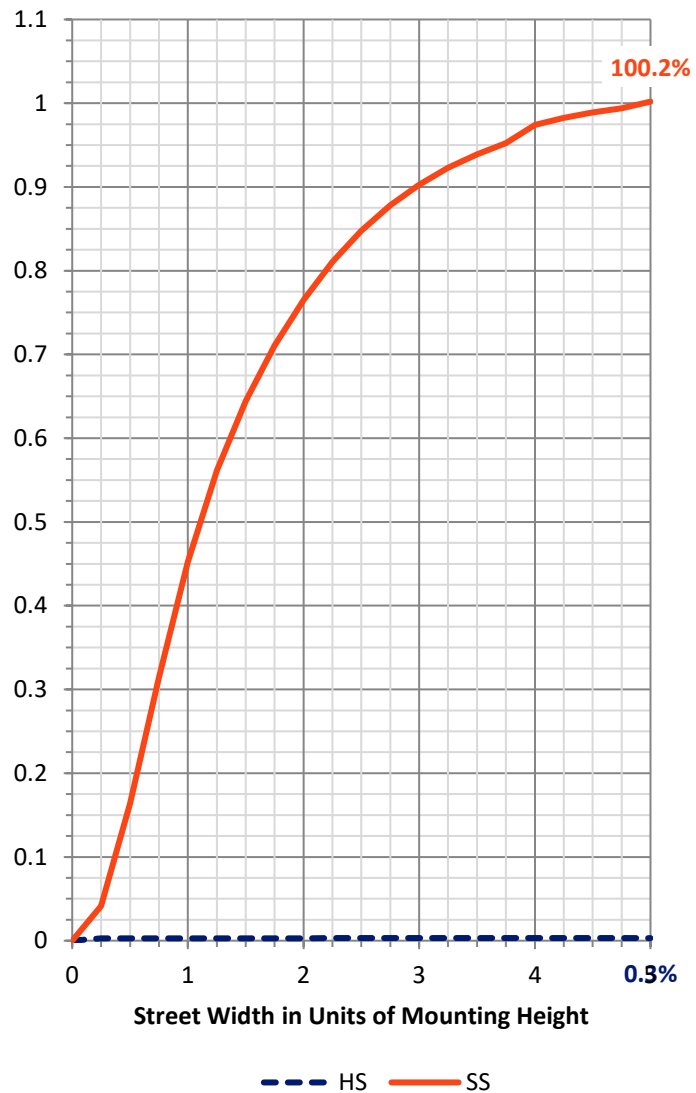
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	17.7	0.0	17.7
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	5717.8	0.0	5717.8
	% Fixture	99.7	0.0	99.7
Total	Lumens	5735.5	0.0	5735.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.0	0.1
10°-20°	70.5	1.2
20°-30°	239.3	4.2
30°-40°	562.3	9.8
40°-50°	913.1	15.9
50°-60°	1157.1	20.2
60°-70°	1469.9	25.6
70°-80°	1194.3	20.8
80°-90°	123.0	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°	5735.5	100.0
0°-180°	5735.5	100.0



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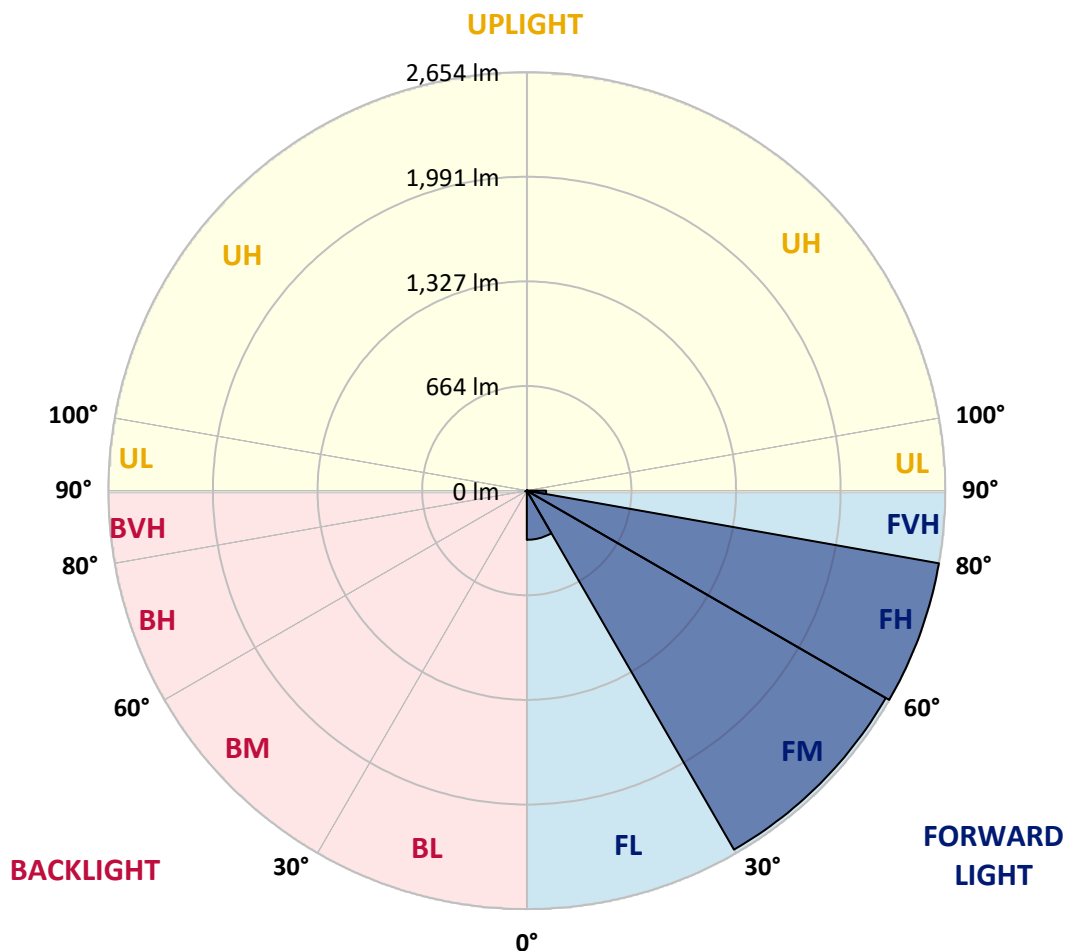
CATALOG NUMBER: NAV-SA1C-750-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	312.0	5.4			
FM	(30°-60°)	2629.2	45.8			
FH	(60°-80°)	2654.4	46.3			G2/5000
FVH	(80°-90°)	122.2	2.1			G2/225
BL	(0°-30°)	3.8	0.1	B0/110		
BM	(30°-60°)	3.4	0.1	B0/220		
BH	(60°-80°)	9.7	0.2	B0/110		G0/110
BVH	(80°-90°)	0.7	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-SA1C-750-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
2.5°	40.5	40.5	40.5	38.9	38.9	37.4	37.4	35.8	34.3	34.3	32.7
5°	76.3	77.9	73.2	63.8	57.6	54.5	51.4	43.6	38.9	35.8	32.7
7.5°	208.7	202.4	193.1	161.9	124.6	105.9	90.3	63.8	46.7	37.4	32.7
10°	439.1	422.0	395.5	353.5	280.3	250.7	194.6	116.8	65.4	42.0	32.7
12.5°	644.7	647.8	615.1	574.6	485.8	436.0	359.7	219.6	102.8	49.8	32.7
15°	800.4	797.3	784.8	752.1	672.7	624.4	555.9	369.0	172.8	62.3	34.3
17.5°	923.4	910.9	906.3	892.3	840.9	814.4	739.7	543.5	274.1	84.1	35.8
20°	1046.4	1043.3	1038.6	1023.1	988.8	970.1	912.5	719.4	408.0	119.9	38.9
22.5°	1225.5	1208.4	1211.5	1177.2	1149.2	1116.5	1069.8	906.3	562.1	171.3	43.6
25°	1435.7	1434.2	1409.2	1393.7	1346.9	1311.1	1248.8	1086.9	733.4	247.6	48.3
27.5°	1683.3	1666.2	1655.3	1628.8	1580.5	1540.0	1454.4	1266.0	918.7	333.2	54.5
30°	1941.8	1941.8	1921.5	1881.1	1834.3	1784.5	1697.3	1454.4	1102.5	442.2	62.3
32.5°	2243.9	2250.1	2200.3	2139.5	2078.8	2044.6	1930.9	1667.7	1278.4	566.8	71.6
35°	2536.6	2528.8	2446.3	2379.4	2334.2	2296.8	2200.3	1901.3	1477.8	711.6	84.1
37.5°	2816.9	2796.7	2659.6	2564.7	2544.4	2519.5	2423.0	2134.9	1675.5	872.0	99.7
40°	3017.8	2986.6	2844.9	2714.1	2684.6	2670.5	2595.8	2346.6	1884.2	1051.1	119.9
42.5°	3105.0	3069.2	2971.1	2865.2	2799.8	2767.1	2701.7	2519.5	2092.8	1250.4	149.5
45°	3122.1	3094.1	3024.0	2999.1	2910.3	2860.5	2771.8	2642.5	2287.5	1448.2	190.0
47.5°	3059.8	3047.4	3005.3	3058.3	3013.1	2944.6	2837.2	2734.4	2460.3	1688.0	246.0
50°	2907.2	2897.9	2918.1	3056.7	3087.9	3010.0	2908.8	2806.0	2609.8	1935.6	325.4
52.5°	2701.7	2700.1	2795.1	3016.2	3120.6	3072.3	2978.9	2877.6	2728.2	2175.4	437.6
55°	2477.5	2503.9	2670.5	2978.9	3139.2	3117.4	3047.4	2941.5	2834.0	2398.0	618.2
57.5°	2458.8	2447.9	2608.3	2963.3	3150.1	3162.6	3115.9	3008.4	2924.4	2580.2	859.6
60°	2645.6	2620.7	2681.4	2996.0	3198.4	3220.2	3184.4	3059.8	3014.7	2723.5	1177.2
62.5°	2862.1	2838.7	2869.9	3122.1	3293.4	3324.6	3279.4	3112.8	3087.9	2823.1	1518.2
65°	3034.9	3016.2	3075.4	3310.5	3425.8	3452.2	3421.1	3210.9	3120.6	2904.1	1795.4
67.5°	3062.9	3039.6	3162.6	3436.7	3559.7	3578.4	3553.5	3305.9	3109.7	2910.3	1859.3
70°	2983.5	2963.3	3139.2	3477.2	3617.3	3632.9	3553.5	3260.7	2961.7	2751.5	1519.8
72.5°	2739.1	2754.6	2982.0	3379.1	3537.9	3466.3	3298.1	3033.4	2770.2	2332.6	1066.7
75°	2359.1	2376.2	2678.3	3109.7	3122.1	3034.9	2944.6	2790.4	2479.0	1536.9	739.7
77.5°	1677.1	1616.3	2067.9	2567.8	2522.6	2578.7	2586.5	2321.7	2075.7	800.4	495.2
80°	165.1	140.1	260.0	736.5	1627.2	1818.8	1893.5	1789.2	1530.7	358.1	260.0
82.5°	35.8	35.8	38.9	42.0	65.4	98.1	450.0	1102.5	988.8	182.2	84.1
85°	20.2	20.2	24.9	29.6	38.9	43.6	51.4	68.5	266.3	65.4	15.6
87.5°	15.6	17.1	20.2	24.9	32.7	35.8	43.6	54.5	67.0	60.7	4.7
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°	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
2.5°	32.7	31.1	29.6	28.0	26.5	26.5	24.9	24.9	24.9	24.9	24.9
5°	31.1	29.6	28.0	24.9	23.4	21.8	20.2	20.2	20.2	20.2	20.2
7.5°	31.1	29.6	26.5	23.4	20.2	18.7	17.1	15.6	15.6	17.1	17.1
10°	31.1	28.0	23.4	20.2	17.1	15.6	14.0	12.5	12.5	12.5	12.5
12.5°	29.6	26.5	21.8	18.7	15.6	12.5	9.3	7.8	7.8	7.8	7.8
15°	28.0	24.9	20.2	15.6	10.9	7.8	6.2	4.7	4.7	4.7	4.7
17.5°	28.0	23.4	18.7	14.0	7.8	4.7	3.1	1.6	1.6	1.6	3.1
20°	28.0	23.4	17.1	10.9	4.7	3.1	3.1	1.6	0.0	1.6	1.6
22.5°	28.0	21.8	14.0	7.8	4.7	3.1	1.6	0.0	0.0	0.0	0.0
25°	29.6	21.8	12.5	6.2	3.1	1.6	0.0	0.0	0.0	0.0	0.0
27.5°	29.6	20.2	10.9	4.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0
30°	31.1	20.2	9.3	3.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	31.1	18.7	6.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	31.1	17.1	4.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	31.1	15.6	4.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	32.7	14.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	34.3	12.5	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	35.8	10.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	40.5	10.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	46.7	10.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	56.1	10.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	73.2	9.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	105.9	9.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	177.5	9.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	311.4	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	526.3	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	686.7	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	521.7	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	249.1	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	110.6	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	48.3	4.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	18.7	3.1	1.6	1.6	1.6	1.6	0.0	0.0	0.0	0.0	0.0
82.5°	7.8	3.1	1.6	1.6	1.6	1.6	1.6	0.0	0.0	0.0	0.0
85°	4.7	3.1	3.1	3.1	1.6	1.6	1.6	0.0	0.0	0.0	0.0
87.5°	3.1	3.1	3.1	3.1	3.1	1.6	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

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

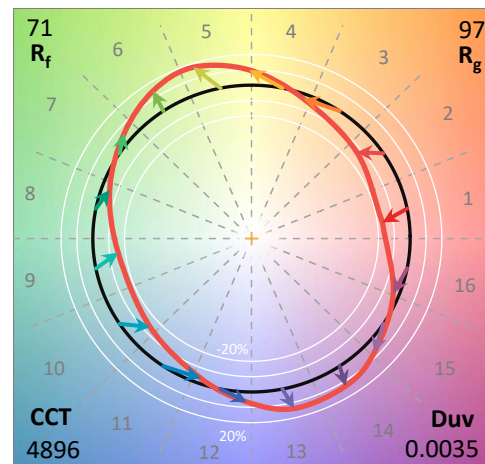
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

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

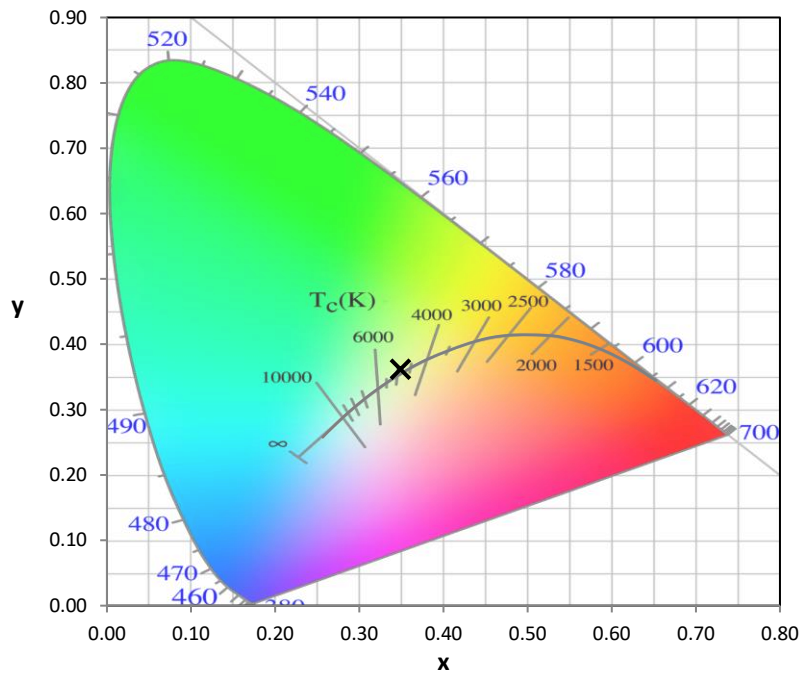
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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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

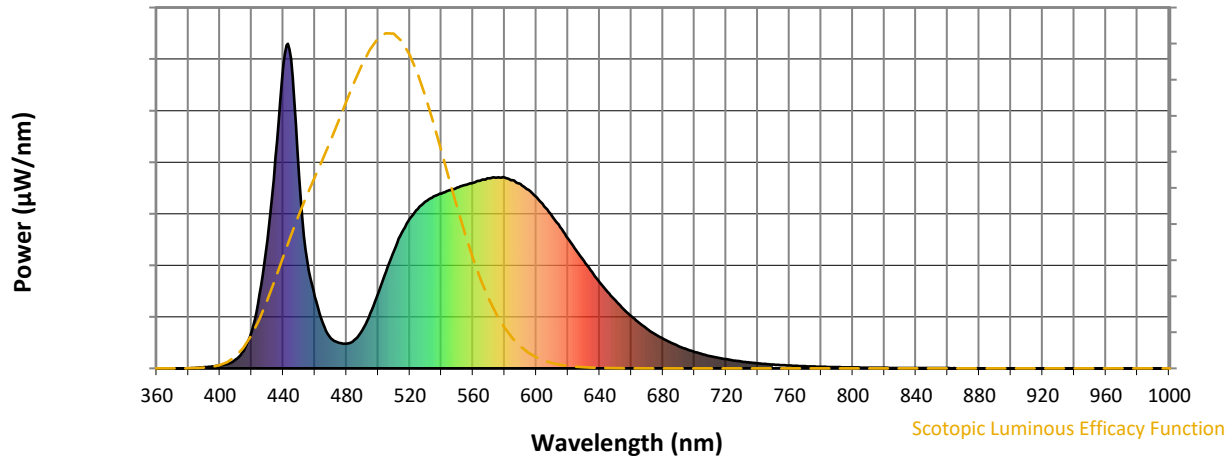


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-6

Scotopic Flux vs. Wavelength



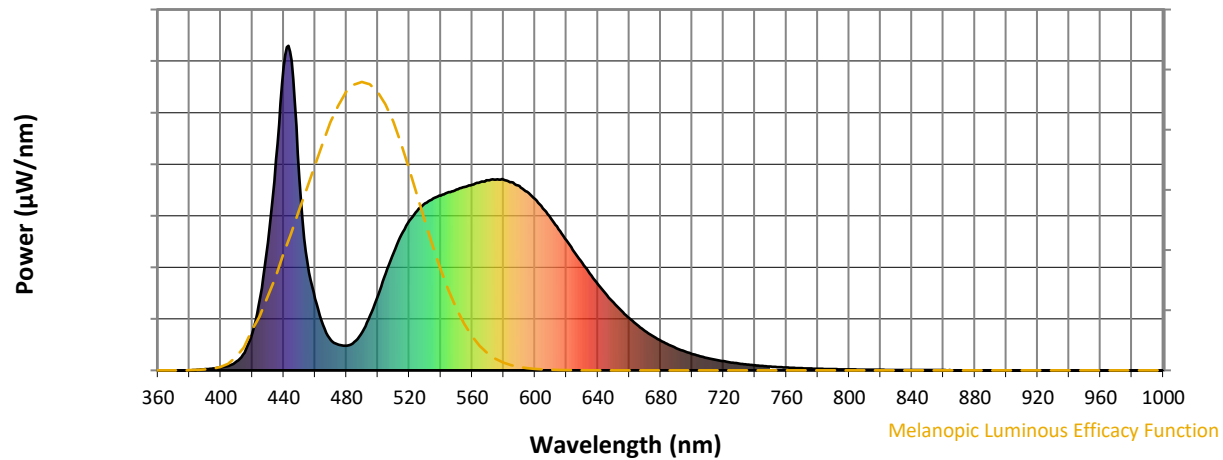
Scotopic Lumens: NR

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

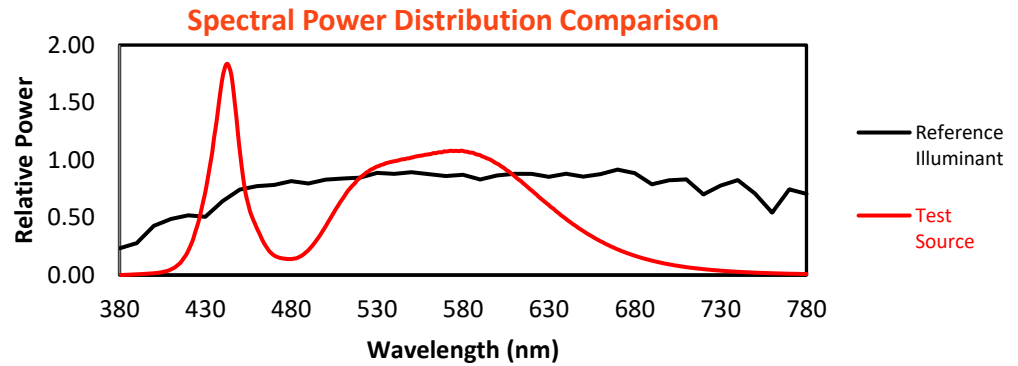
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	118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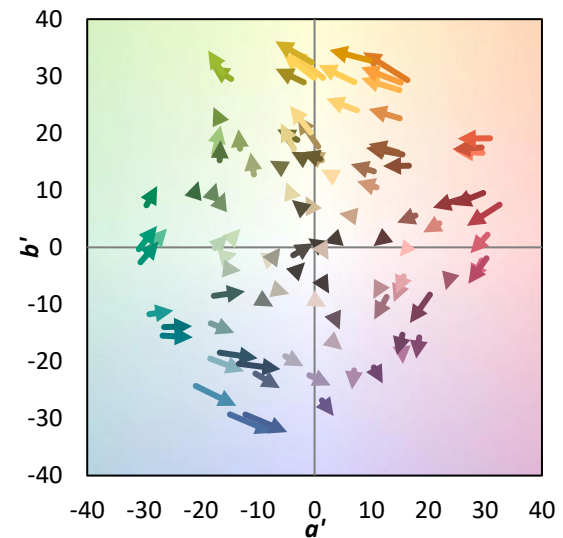
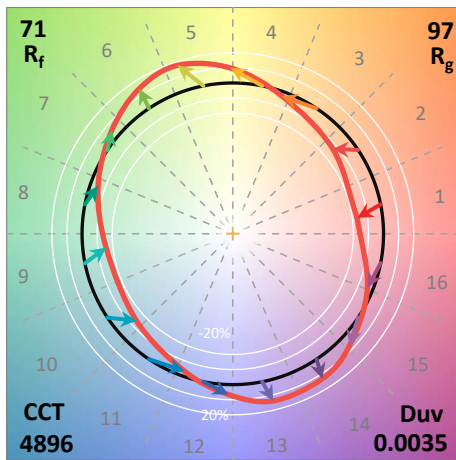
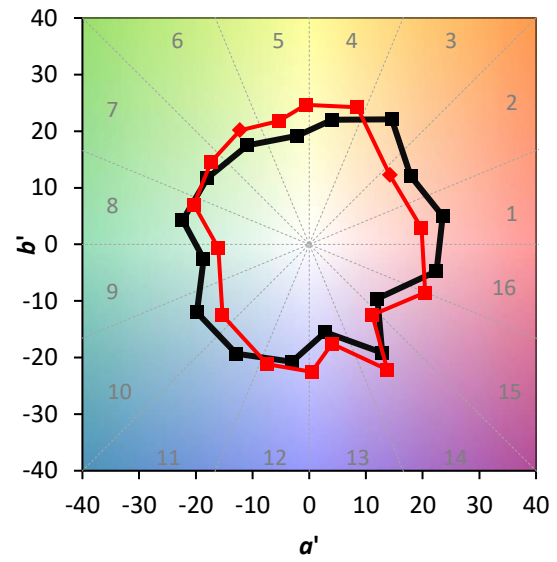
TM-30-18

Summary

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

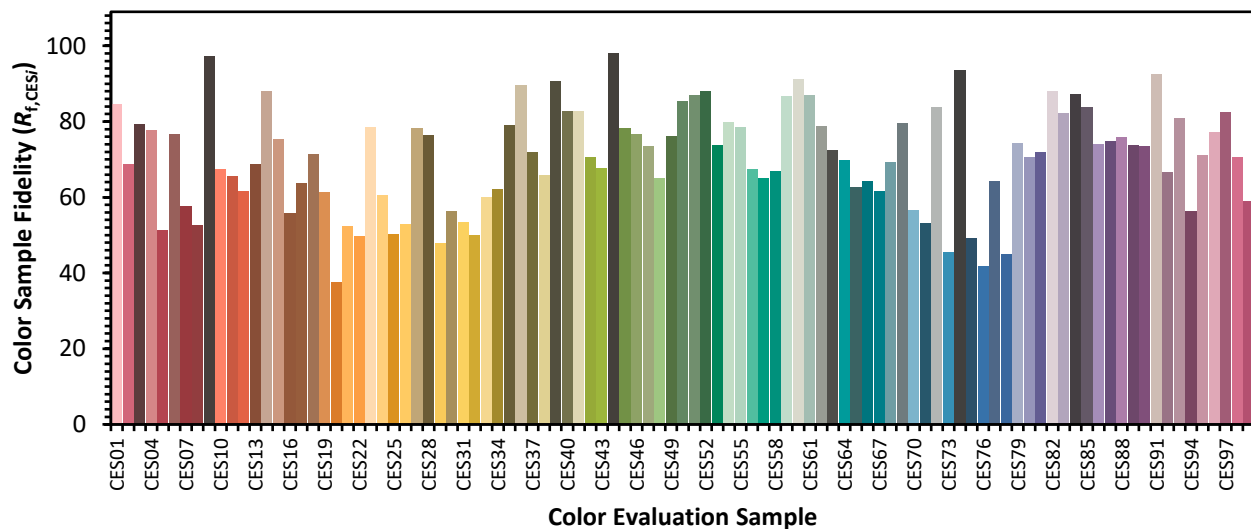


Color Vector Graphics

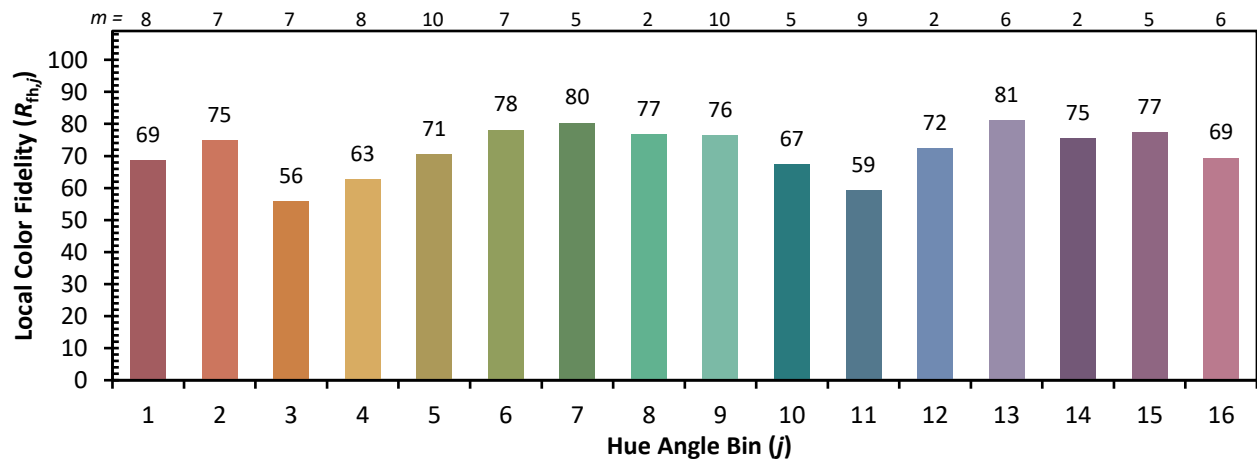
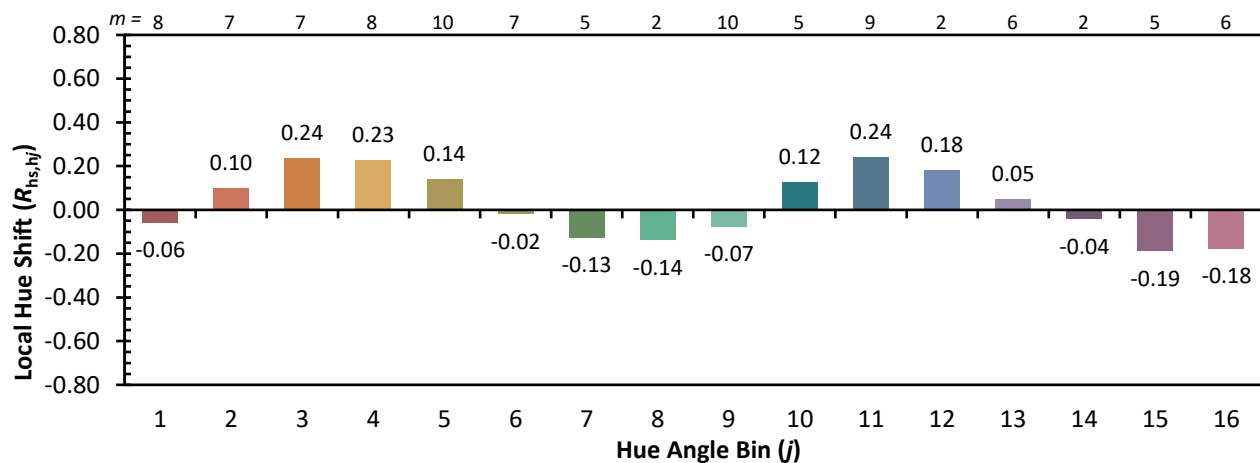
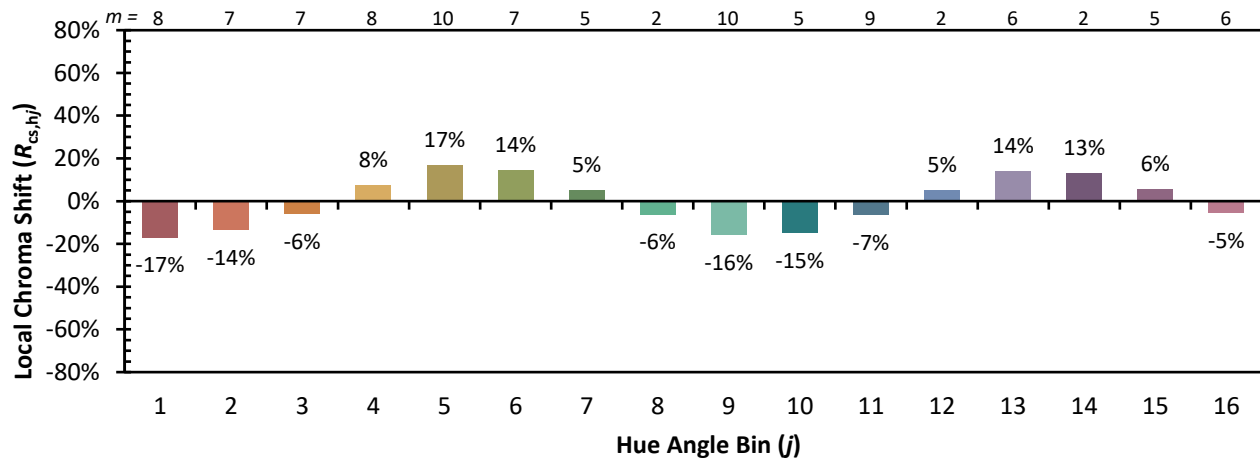


Individual Sample Fidelity Index ($R_{f,i}$)

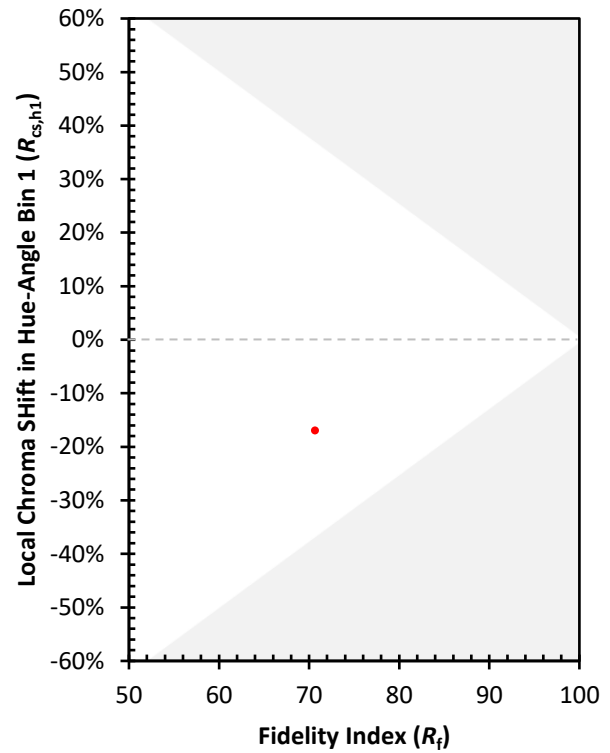
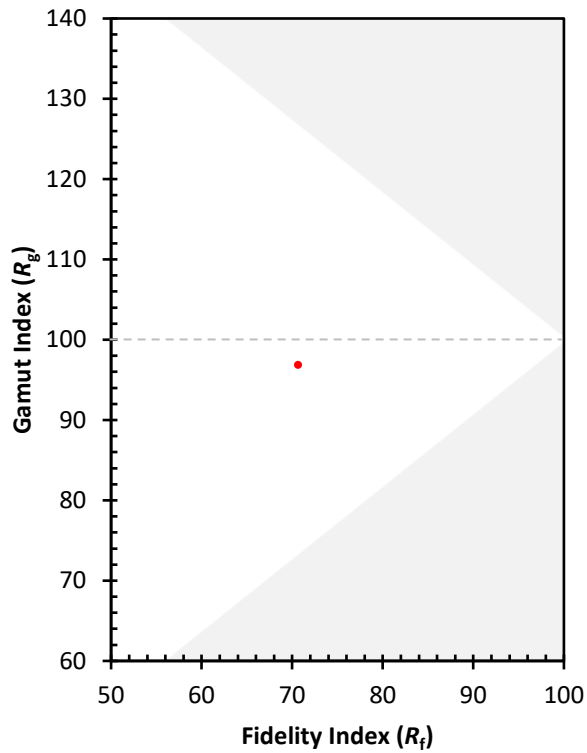
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82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