

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: P1067269

Luminaire Tested: **NAV-SA1A-750-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067269
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA1A-750-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 1xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (14) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3634.2 lumens
Efficiency: N/A
Efficacy: 124.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 29.2
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



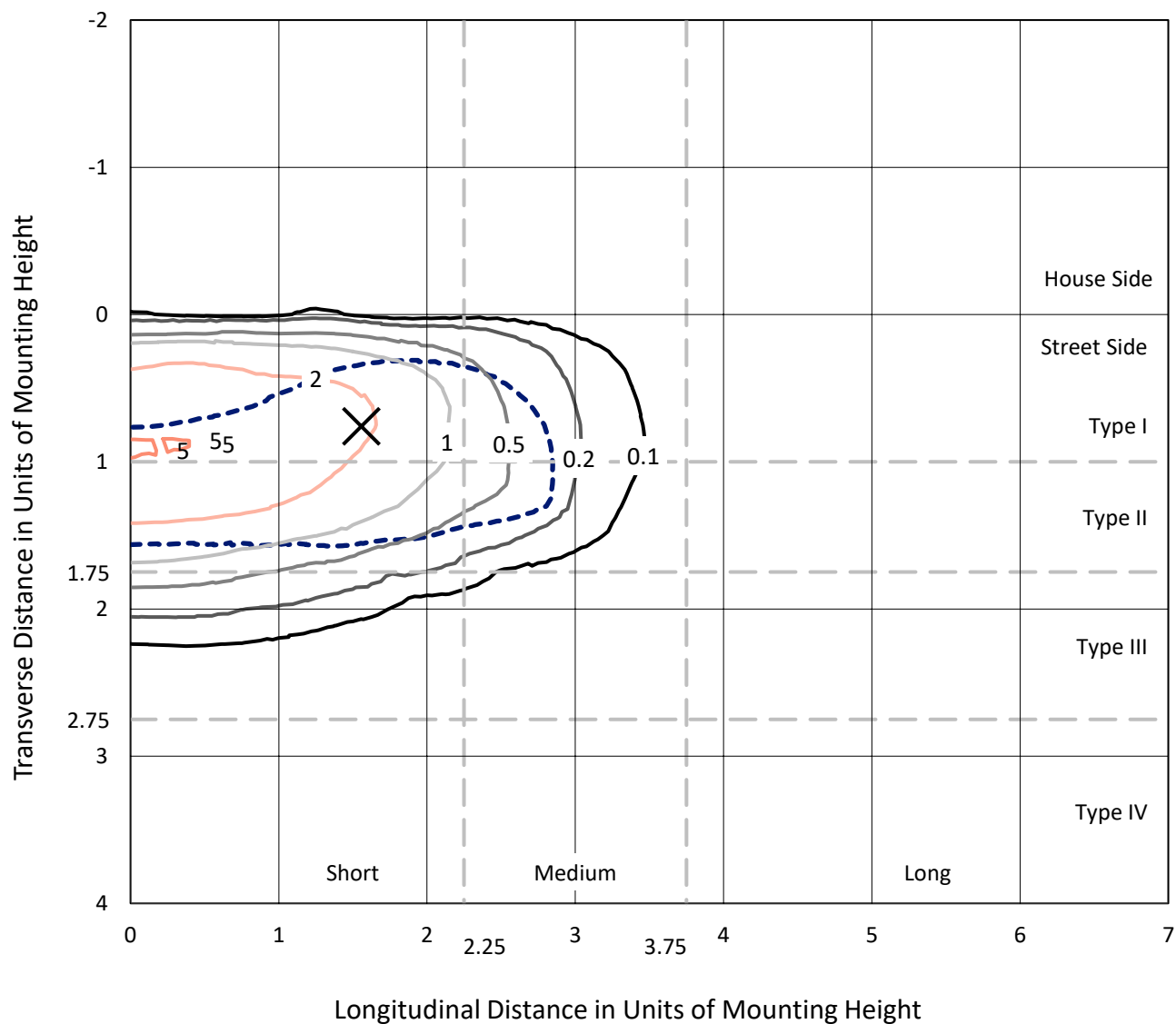
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

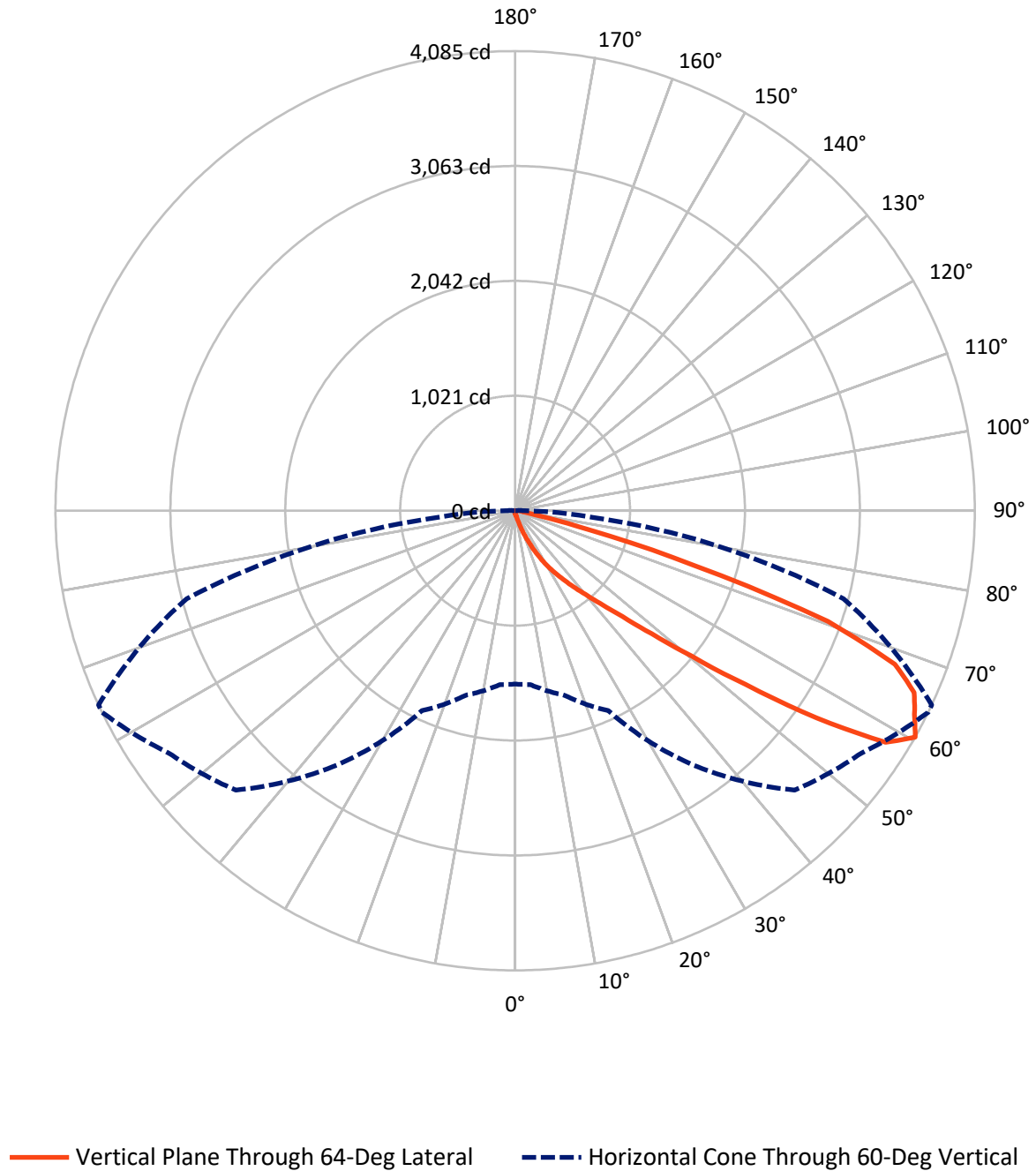


Based on 15 foot mounting height. Maximum calculated value = 5.2 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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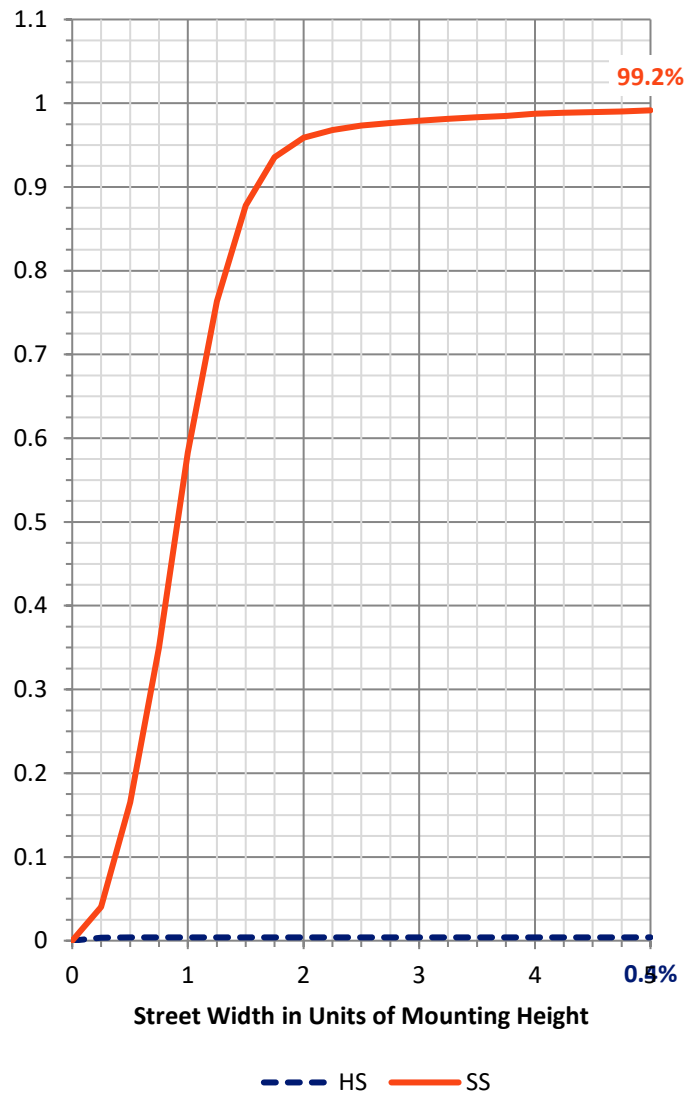
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	14.7	0.0	14.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3619.5	0.0	3619.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	3634.2	0.0	3634.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.6	0.1
10°-20°	35.7	1.0
20°-30°	118.6	3.3
30°-40°	316.5	8.7
40°-50°	804.4	22.1
50°-60°	1172.7	32.3
60°-70°	905.8	24.9
70°-80°	248.8	6.8
80°-90°	28.1	0.8
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°	3634.2	100.0
0°-180°	3634.2	100.0



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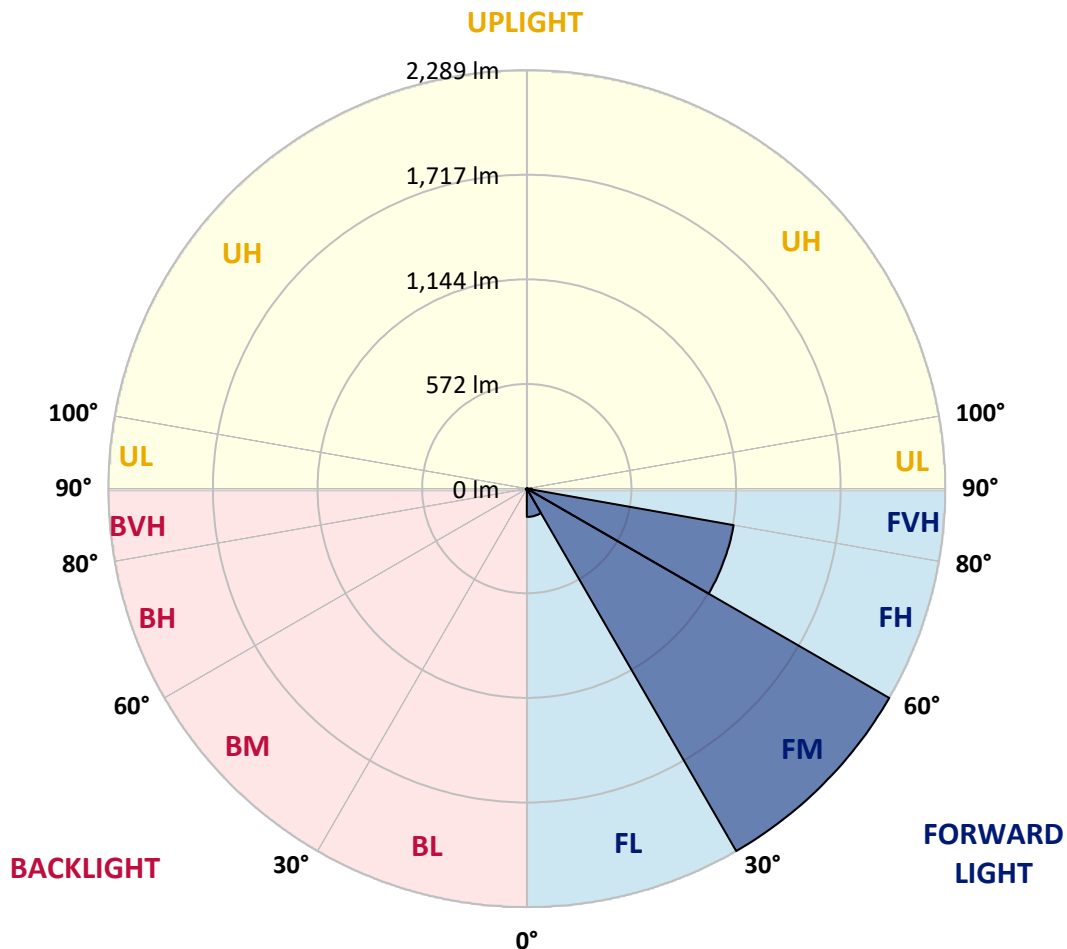
CATALOG NUMBER: NAV-SA1A-750-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	154.6	4.3			
FM	(30°-60°)	2288.8	63.0			
FH	(60°-80°)	1148.7	31.6			G1/1800
FVH	(80°-90°)	27.4	0.8			G1/100
BL	(0°-30°)	3.3	0.1	B0/110		
BM	(30°-60°)	4.9	0.1	B0/220		
BH	(60°-80°)	5.9	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-G1

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
2.5°	32.0	32.0	32.0	31.0	30.0	30.0	29.0	28.0	28.0	26.0	25.0
5°	49.0	49.0	47.0	45.0	42.0	38.0	34.0	31.0	31.0	28.0	26.0
7.5°	96.0	99.0	90.0	79.0	64.0	54.0	43.0	36.0	35.0	30.0	26.0
10°	208.1	206.1	192.1	165.1	130.0	94.0	60.0	44.0	42.0	32.0	26.0
12.5°	313.1	316.1	301.1	271.1	229.1	167.1	103.0	57.0	55.0	35.0	26.0
15°	403.1	403.1	393.1	378.1	332.1	267.1	166.1	85.0	78.0	38.0	25.0
17.5°	465.2	464.2	460.2	456.2	429.2	362.1	254.1	136.0	120.0	45.0	25.0
20°	535.2	532.2	537.2	529.2	508.2	455.2	347.1	202.1	187.1	57.0	25.0
22.5°	608.2	611.2	615.2	607.2	584.2	538.2	445.2	287.1	271.1	79.0	26.0
25°	701.3	699.3	708.3	701.3	672.2	618.2	537.2	380.1	357.1	110.0	28.0
27.5°	815.3	811.3	817.3	799.3	761.3	706.3	619.2	475.2	448.2	158.1	32.0
30°	966.4	969.4	942.3	921.3	867.3	794.3	710.3	577.2	549.2	215.1	36.0
32.5°	1204.4	1183.4	1141.4	1056.4	985.4	892.3	801.3	666.2	641.2	288.1	42.0
35°	1575.6	1579.6	1487.5	1277.5	1123.4	1015.4	901.3	764.3	746.3	371.1	50.0
37.5°	2027.7	2016.7	1935.7	1670.6	1325.5	1168.4	1015.4	871.3	845.3	461.2	60.0
40°	2539.9	2493.9	2446.9	2266.8	1746.6	1360.5	1159.4	995.4	975.4	565.2	76.0
42.5°	2950.1	2938.1	2946.1	2871.0	2448.9	1687.6	1350.5	1147.4	1123.4	694.3	104.0
45°	3152.1	3135.1	3183.2	3239.2	3131.1	2383.9	1658.6	1341.5	1309.5	846.3	147.1
47.5°	3098.1	3086.1	3189.2	3299.2	3443.3	3191.2	2161.8	1631.6	1576.6	1041.4	211.1
50°	2832.0	2833.0	3002.1	3207.2	3435.2	3600.3	2907.1	2028.7	1959.7	1300.5	311.1
52.5°	2572.9	2580.9	2760.0	3059.1	3316.2	3648.3	3561.3	2563.9	2451.9	1605.6	429.2
55°	2306.8	2310.8	2468.9	2890.1	3260.2	3505.3	3897.4	3253.2	3134.1	1985.7	544.2
57.5°	2050.7	2050.7	2109.8	2483.9	3199.2	3492.3	3857.4	3883.4	3786.4	2419.9	629.2
60°	1540.6	1550.6	1697.6	1959.7	2759.0	3511.3	3755.4	4084.5	4084.5	3022.1	694.3
62.5°	778.3	793.3	976.4	1231.4	1892.7	3249.2	3771.4	3983.4	3999.5	3553.3	842.3
65°	365.1	382.1	480.2	660.2	1018.4	2286.8	3605.3	3897.4	3892.4	3452.3	1154.4
67.5°	262.1	267.1	300.1	385.1	548.2	1002.4	2752.0	3640.3	3642.3	2933.1	1327.5
70°	235.1	235.1	243.1	268.1	330.1	448.2	1337.5	2948.1	3091.1	2264.8	1230.4
72.5°	232.1	230.1	228.1	229.1	223.1	225.1	459.2	1664.6	1868.7	1584.6	981.4
75°	226.1	226.1	224.1	217.1	178.1	145.1	158.1	673.2	778.3	1058.4	728.3
77.5°	179.1	197.1	218.1	205.1	163.1	109.0	92.0	195.1	246.1	649.2	528.2
80°	83.0	84.0	83.0	87.0	104.0	78.0	68.0	95.0	96.0	360.1	327.1
82.5°	60.0	61.0	58.0	52.0	46.0	42.0	56.0	70.0	75.0	165.1	122.0
85°	18.0	17.0	20.0	27.0	32.0	37.0	47.0	59.0	62.0	61.0	18.0
87.5°	8.0	8.0	10.0	14.0	19.0	28.0	41.0	54.0	55.0	63.0	5.0
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°	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
2.5°	25.0	24.0	23.0	22.0	21.0	20.0	19.0	19.0	20.0	20.0	20.0
5°	24.0	23.0	21.0	19.0	18.0	17.0	16.0	16.0	17.0	17.0	17.0
7.5°	24.0	22.0	20.0	18.0	16.0	15.0	14.0	14.0	14.0	15.0	15.0
10°	24.0	22.0	19.0	16.0	14.0	13.0	12.0	11.0	12.0	12.0	12.0
12.5°	23.0	21.0	18.0	15.0	12.0	10.0	9.0	9.0	9.0	9.0	9.0
15°	22.0	20.0	17.0	13.0	10.0	8.0	6.0	6.0	6.0	7.0	7.0
17.5°	21.0	19.0	15.0	10.0	7.0	5.0	4.0	4.0	4.0	5.0	5.0
20°	21.0	18.0	13.0	8.0	5.0	3.0	2.0	2.0	2.0	3.0	4.0
22.5°	21.0	18.0	12.0	6.0	3.0	2.0	1.0	1.0	1.0	1.0	1.0
25°	21.0	17.0	11.0	5.0	2.0	1.0	0.0	0.0	1.0	2.0	3.0
27.5°	21.0	16.0	9.0	3.0	2.0	1.0	0.0	1.0	2.0	2.0	2.0
30°	21.0	16.0	8.0	3.0	1.0	0.0	0.0	1.0	2.0	2.0	3.0
32.5°	22.0	15.0	7.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	23.0	14.0	6.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	25.0	14.0	4.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	28.0	15.0	4.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	35.0	16.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	49.0	20.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	72.0	30.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	105.0	41.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	129.0	41.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	128.0	26.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	98.0	18.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	83.0	13.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	100.0	10.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	178.1	9.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	286.1	9.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	320.1	9.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	250.1	8.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	137.0	7.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	69.0	5.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	29.0	4.0	2.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
82.5°	10.0	4.0	2.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
85°	5.0	3.0	3.0	2.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0
87.5°	3.0	3.0	3.0	2.0	2.0	1.0	1.0	0.0	0.0	0.0	1.0
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

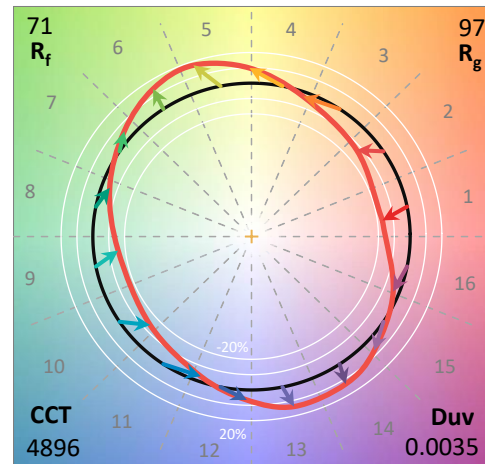
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

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

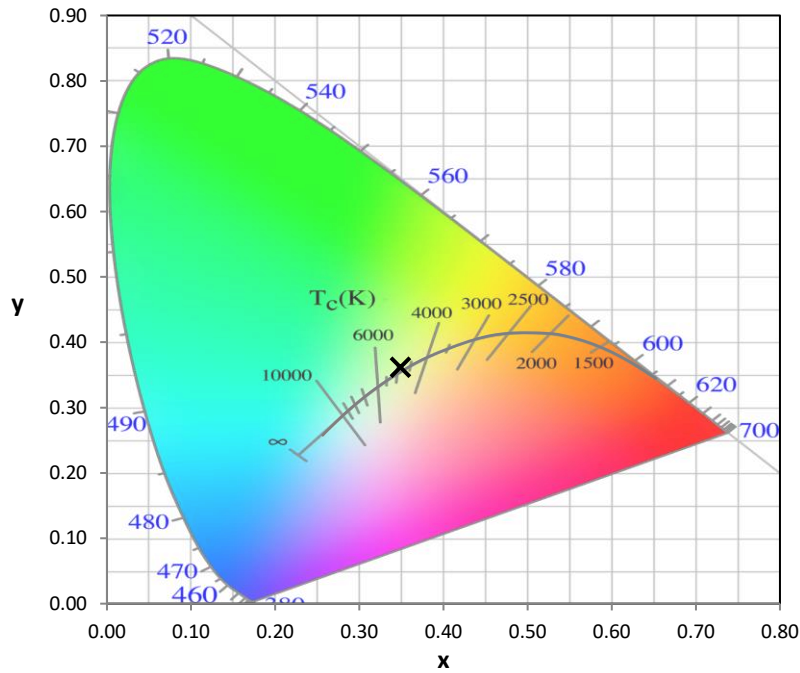
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-6

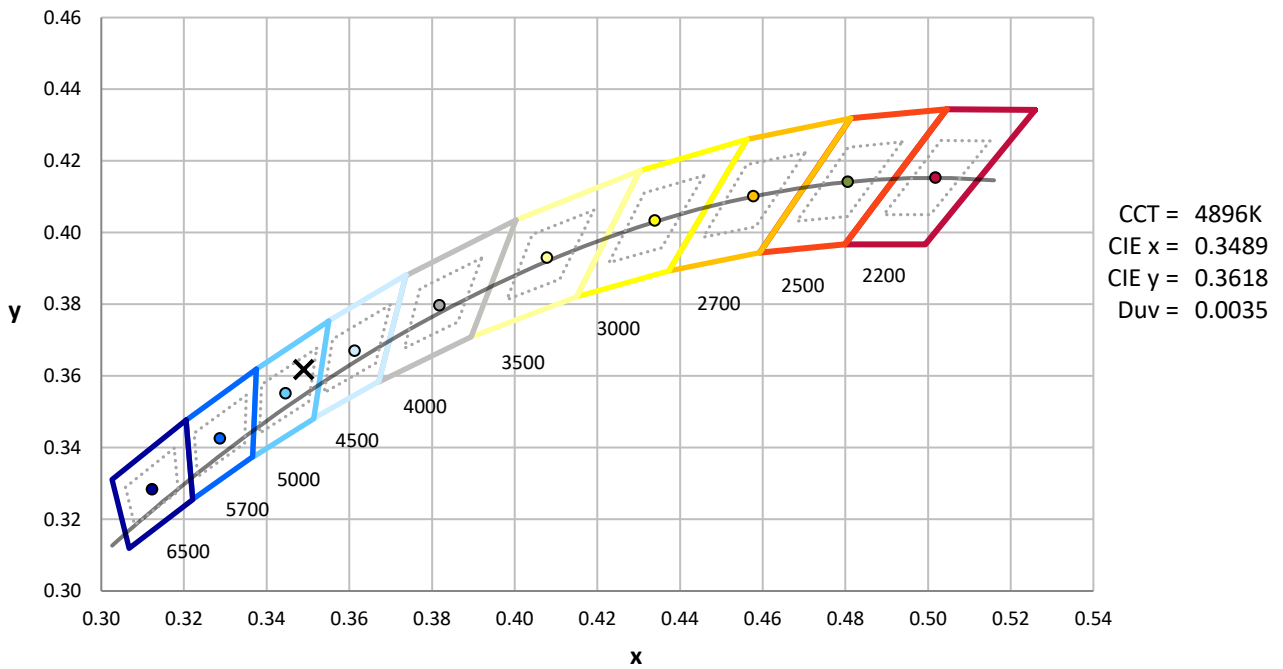
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



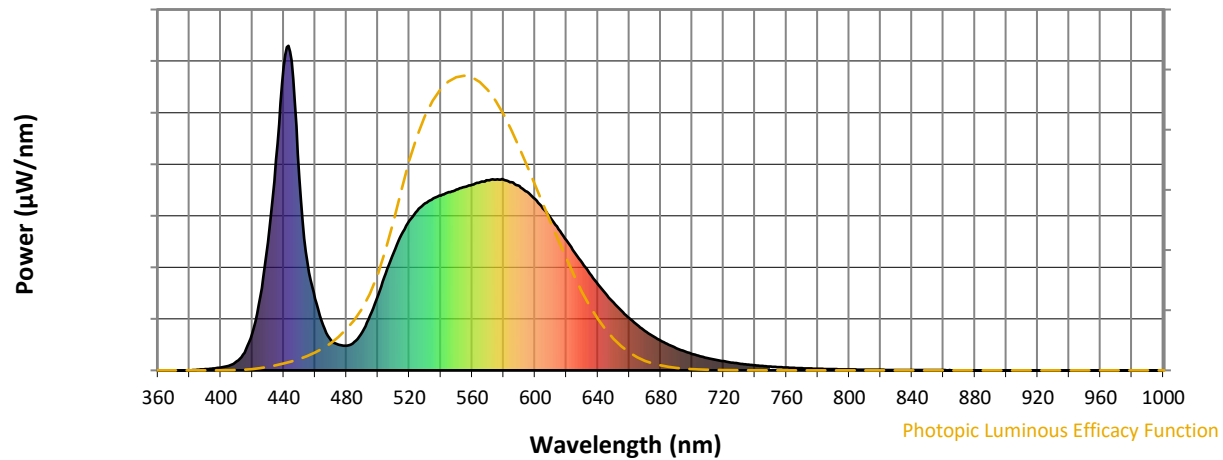
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

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Photopic Flux vs. Wavelength

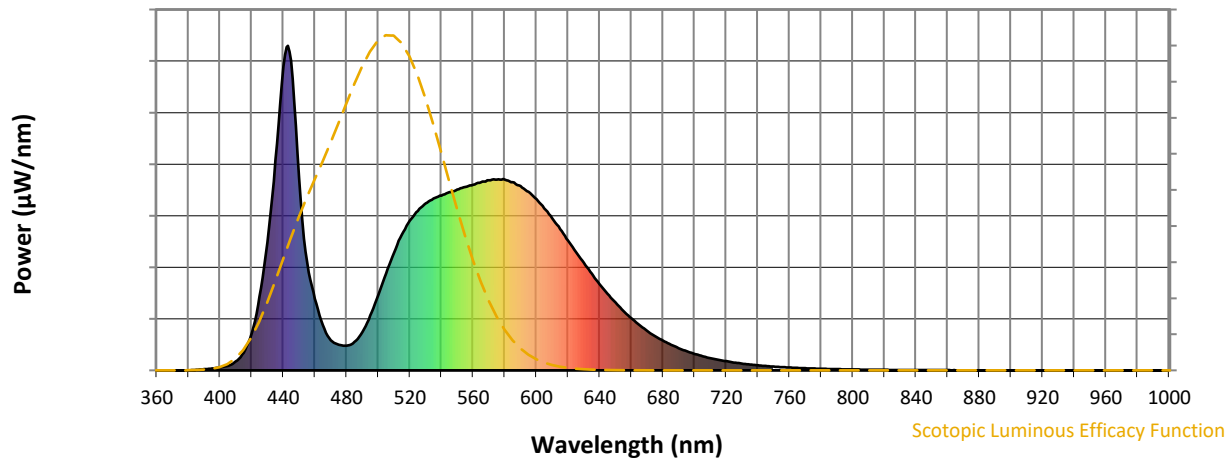


Photopic Lumens: NR

λ (nm)	Power W [^] /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			

REPORT NUMBER: SP1-2407-184-6

Scotopic Flux vs. Wavelength



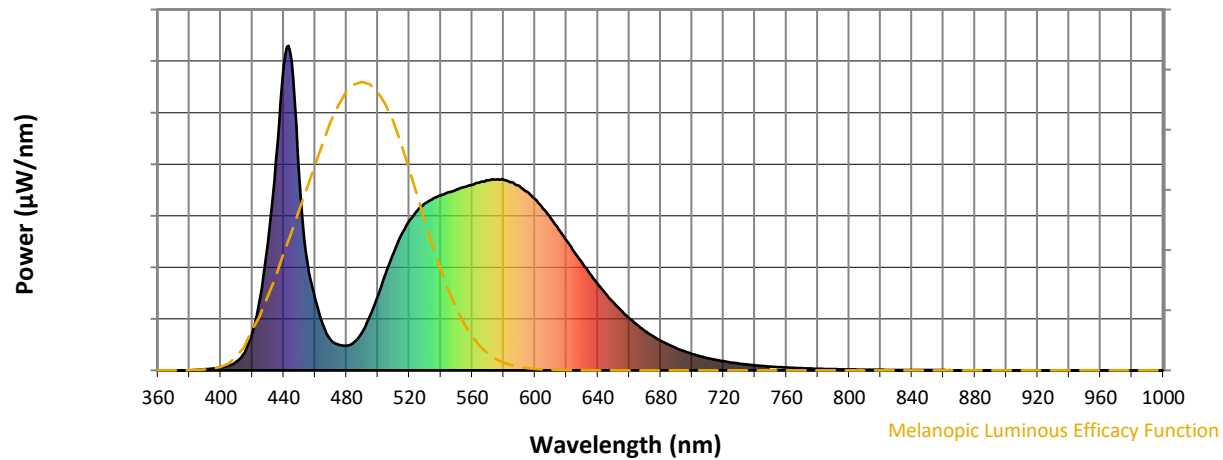
Scotopic Lumens: NR

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

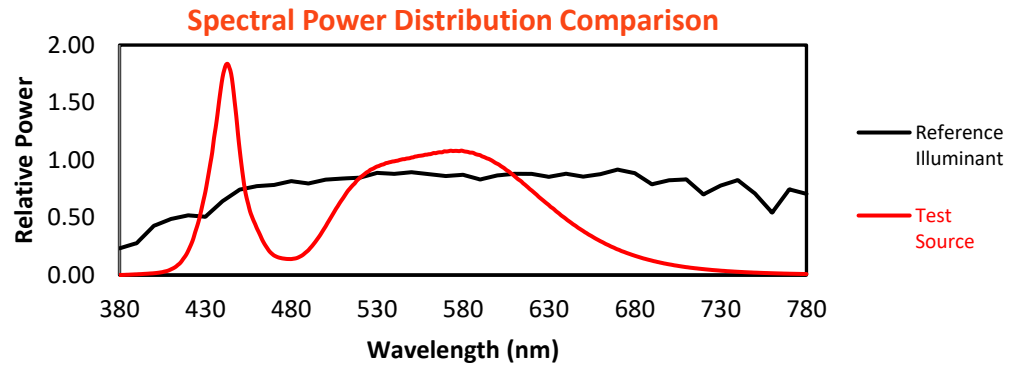
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	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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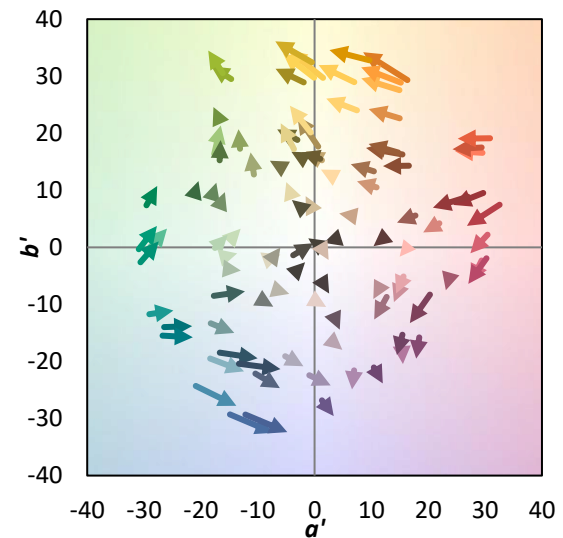
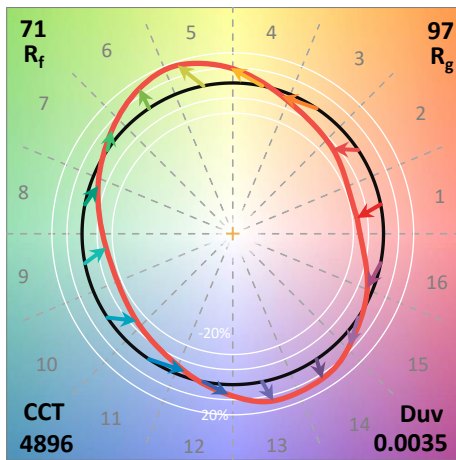
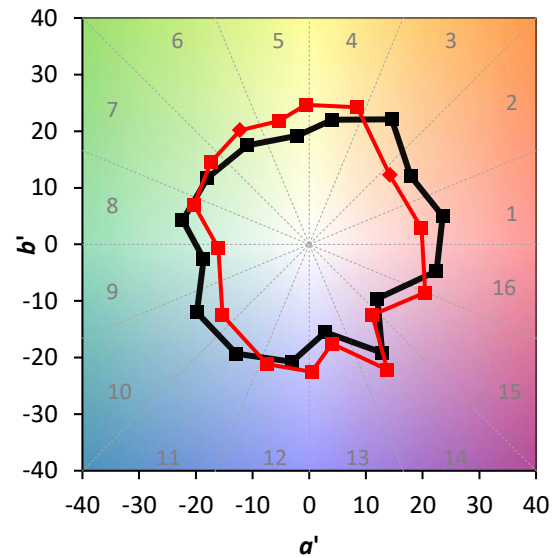
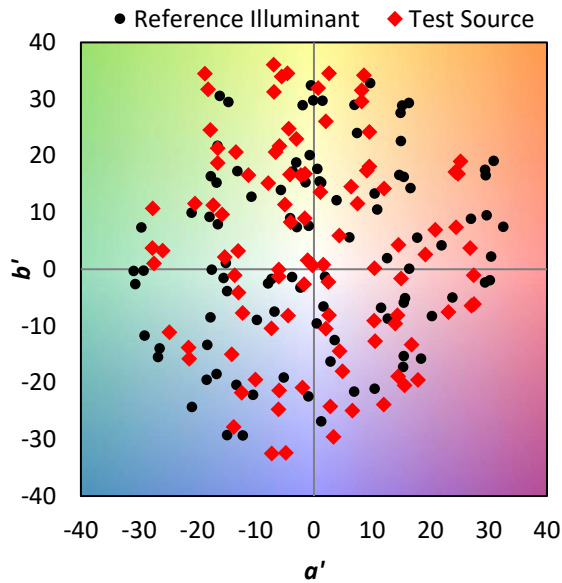
TM-30-18

Summary

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

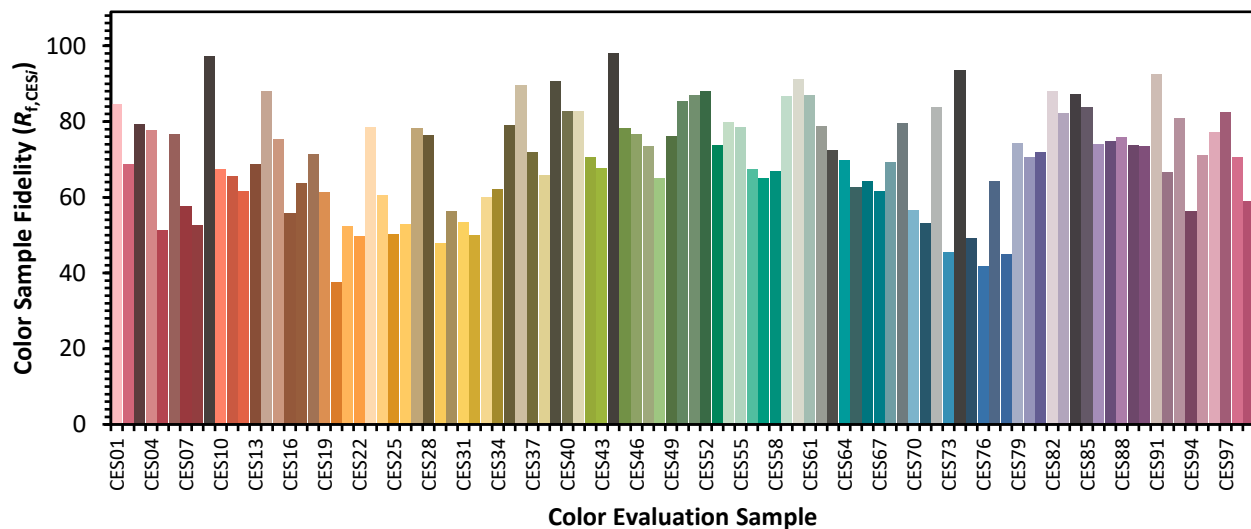


Color Vector Graphics

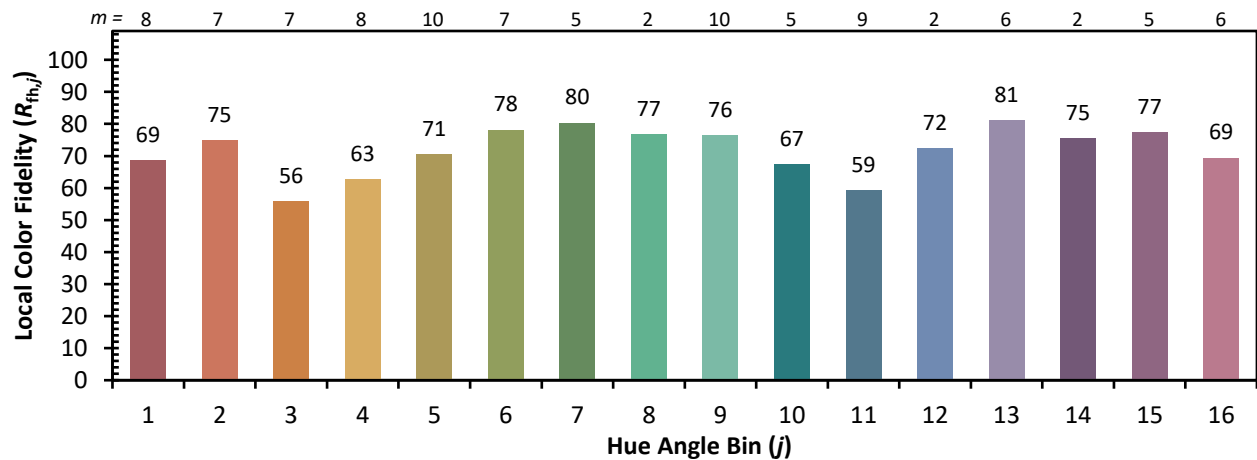
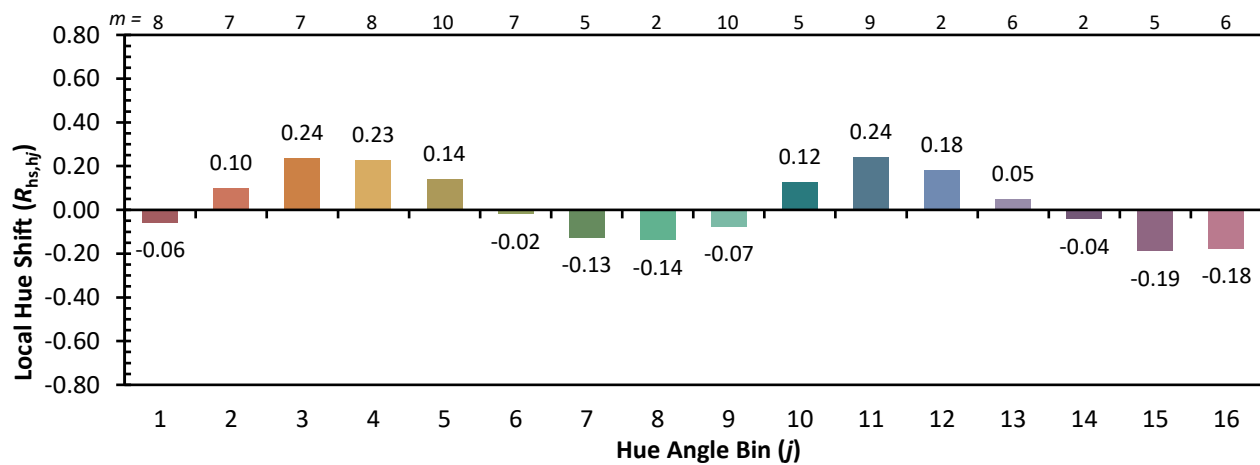
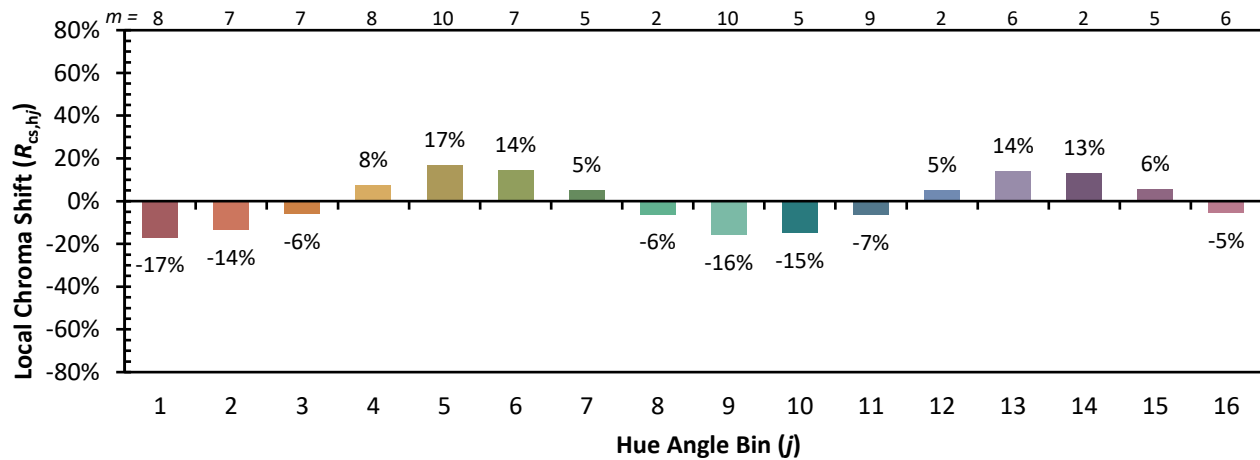


Individual Sample Fidelity Index ($R_{f,i}$)

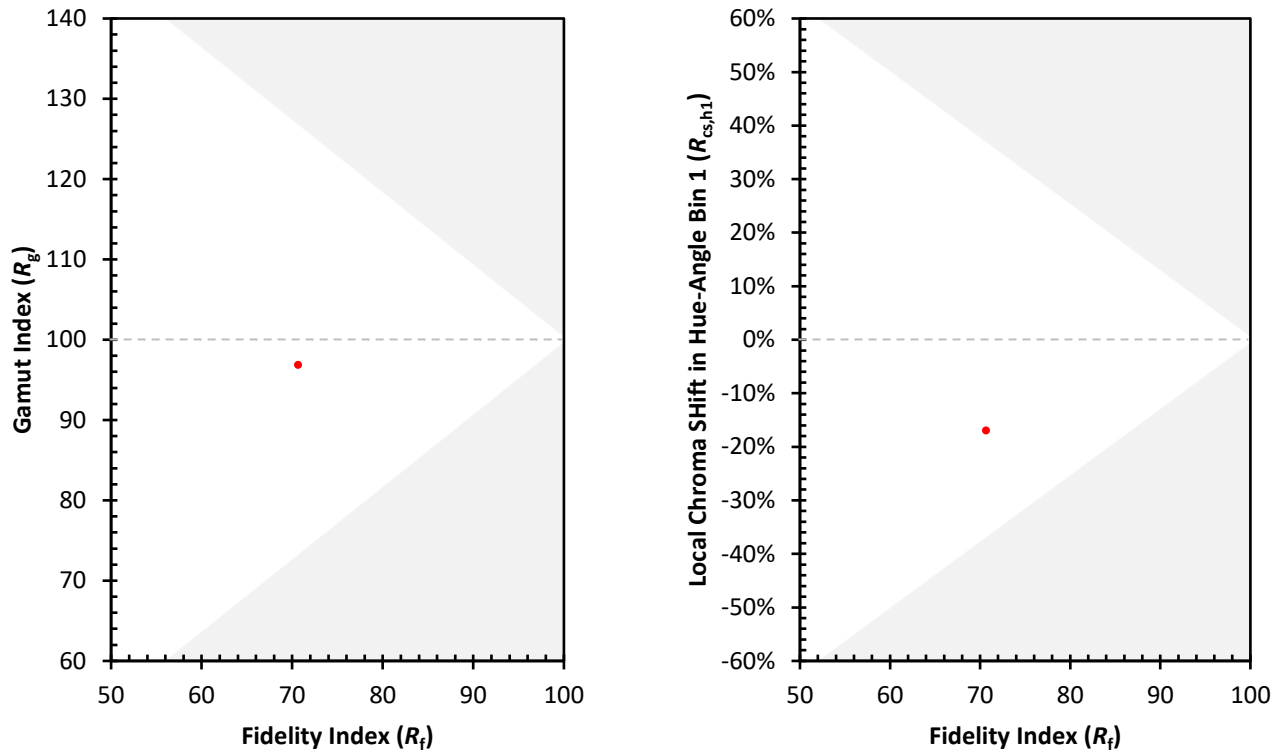
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82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