

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: STREETWORKS

Report Number: P1065782

Luminaire Tested: **NVN-SA1B-730-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1065782
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA1B-730-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 1xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4403.8 lumens
Efficiency: N/A
Efficacy: 116.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 37.9
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

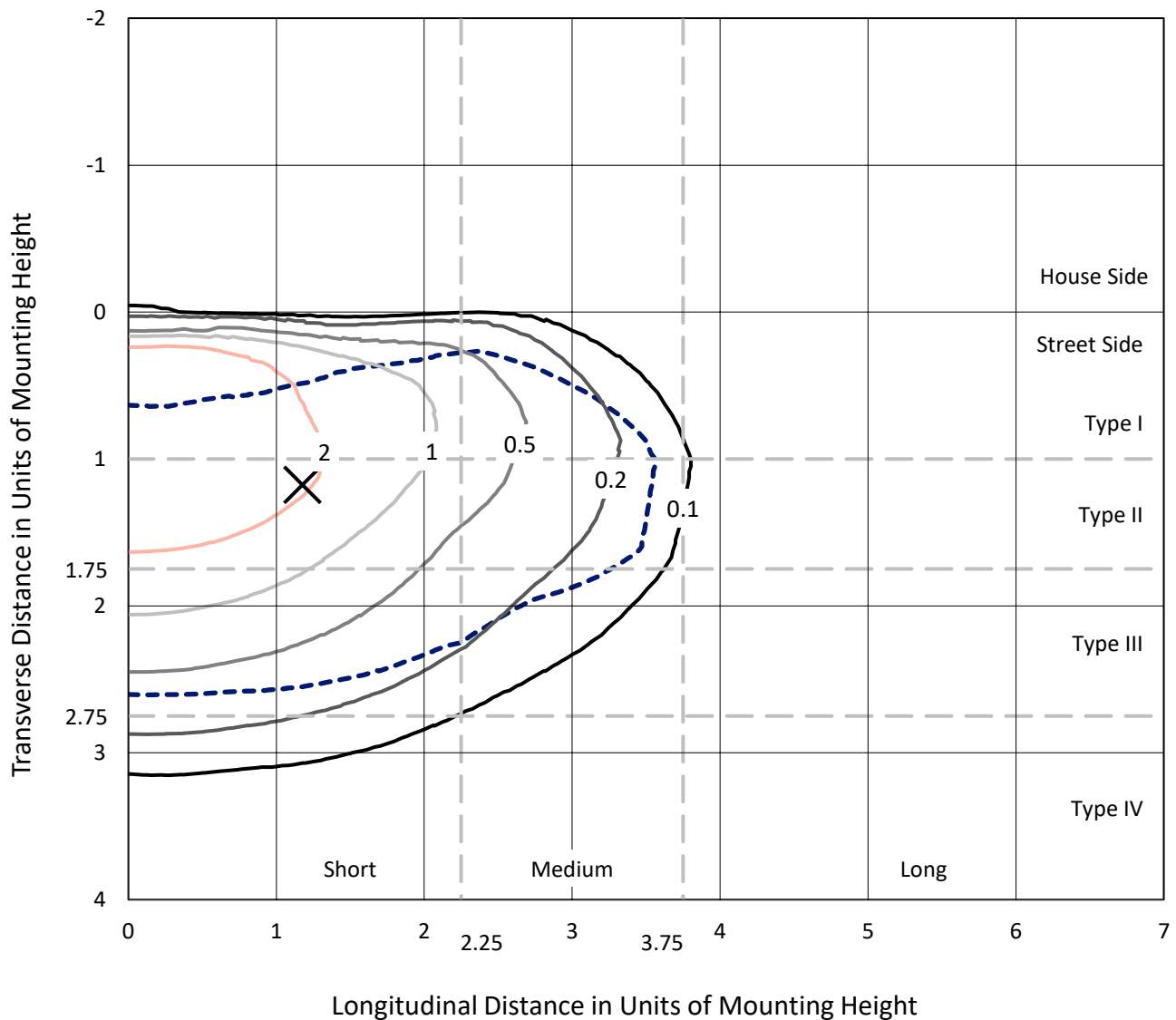


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CATALOG NUMBER: NVN-SA1B-730-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

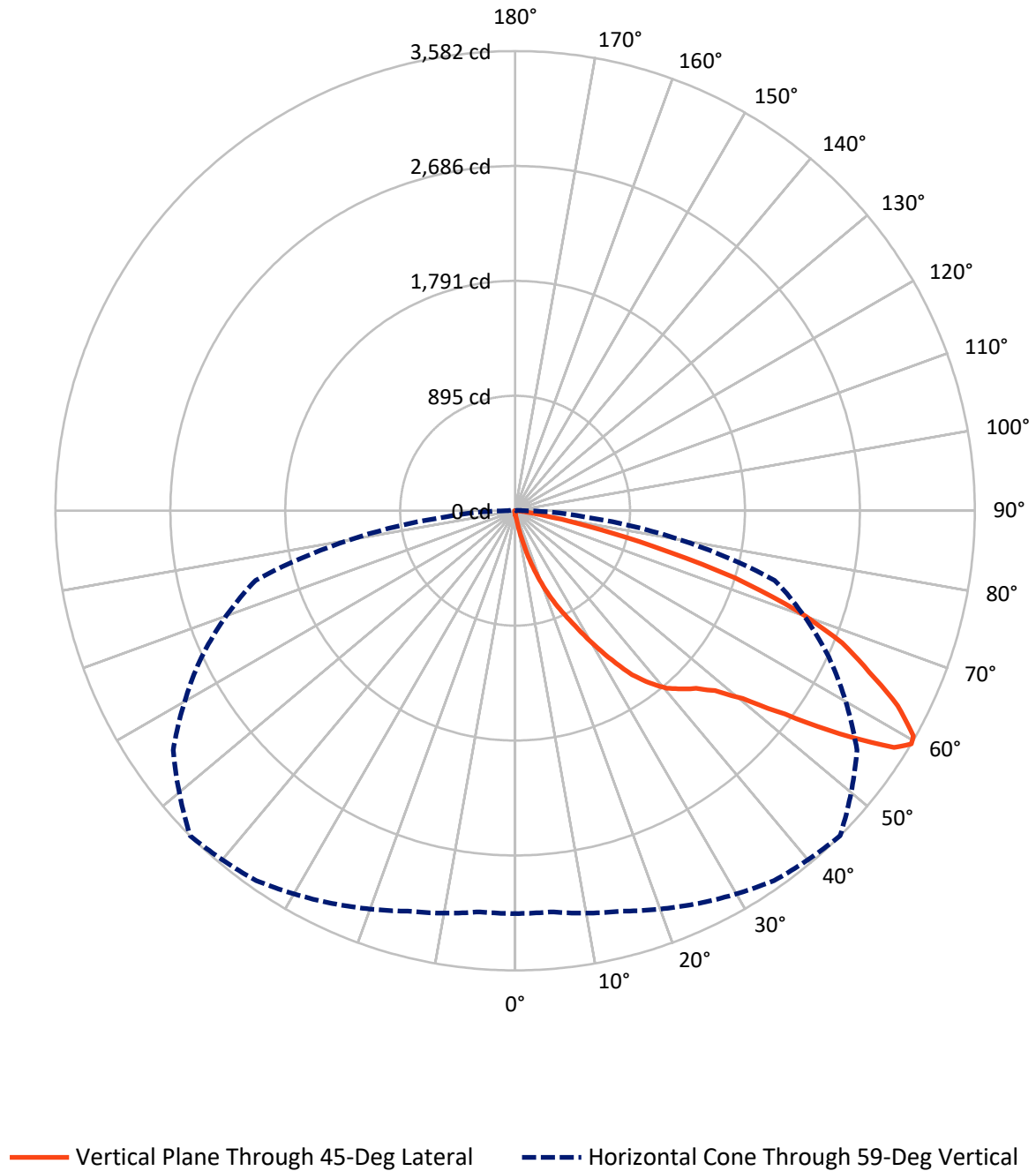


Based on 15 foot mounting height. Maximum calculated value = 4.8 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	15.6	0.0	15.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	4388.2	0.0	4388.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	4403.8	0.0	4403.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.1	0.1
10°-20°	48.7	1.1
20°-30°	174.9	4.0
30°-40°	406.4	9.2
40°-50°	692.7	15.7
50°-60°	1141.4	25.9
60°-70°	1319.7	30.0
70°-80°	567.0	12.9
80°-90°	49.0	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°	4403.8	100.0
0°-180°	4403.8	100.0



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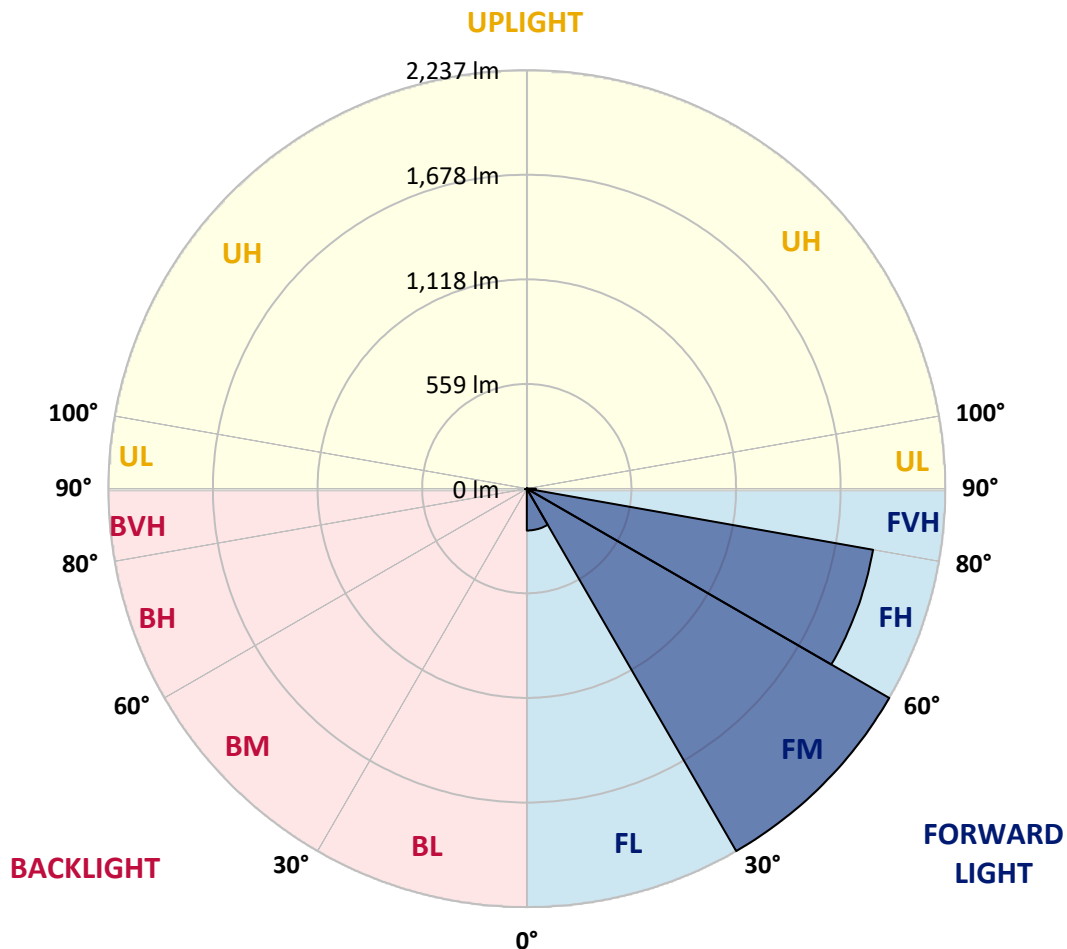
CATALOG NUMBER: NVN-SA1B-730-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	223.8	5.1			
FM	(30°-60°)	2236.7	50.8			
FH	(60°-80°)	1879.3	42.7			G2/5000
FVH	(80°-90°)	48.4	1.1			G1/100
BL	(0°-30°)	3.9	0.1	B0/110		
BM	(30°-60°)	3.8	0.1	B0/220		
BH	(60°-80°)	7.4	0.2	B0/110		G0/110
BVH	(80°-90°)	0.6	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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CATALOG NUMBER: NVN-SA1B-730-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
2.5°	36.1	36.1	35.2	34.1	33.8	32.9	32.9	32.0	30.8	29.9	28.7
5°	52.4	52.1	49.7	46.8	42.9	40.6	40.6	37.3	34.3	31.7	29.3
7.5°	114.6	111.9	103.3	89.1	70.5	58.0	57.1	46.5	39.4	34.1	29.6
10°	262.9	253.8	241.6	207.6	153.4	107.2	105.1	67.8	47.1	36.7	30.2
12.5°	430.8	438.2	414.0	360.4	297.0	220.9	206.1	114.3	62.2	40.3	30.8
15°	583.6	581.9	568.2	524.4	451.3	350.0	340.8	198.7	89.1	45.9	31.4
17.5°	697.9	695.9	682.8	654.7	598.4	497.2	489.2	316.8	139.8	53.9	32.0
20°	818.5	815.8	797.4	774.9	725.8	639.6	630.1	448.9	218.8	66.9	32.0
22.5°	963.0	957.9	938.4	900.2	848.4	773.4	764.9	583.9	316.8	88.2	33.5
25°	1137.7	1129.1	1102.1	1067.8	1005.3	905.8	896.6	734.4	435.0	120.5	34.9
27.5°	1336.9	1338.4	1302.0	1244.0	1160.2	1058.6	1041.4	869.1	557.3	166.7	36.7
30°	1573.5	1558.7	1507.5	1440.0	1358.6	1229.2	1212.6	1003.2	694.7	234.8	39.7
32.5°	1795.0	1779.0	1710.0	1625.1	1537.7	1401.2	1387.6	1153.9	819.6	315.4	45.0
35°	1985.1	1973.9	1877.3	1773.7	1696.1	1574.1	1570.0	1322.1	966.5	402.1	50.9
37.5°	2152.4	2132.0	2007.9	1900.4	1821.7	1712.4	1703.5	1476.1	1108.1	502.8	59.8
40°	2295.2	2283.9	2132.6	1991.4	1927.4	1829.7	1818.4	1611.1	1254.3	619.8	70.8
42.5°	2448.0	2433.2	2286.3	2127.9	2010.0	1905.5	1898.1	1722.5	1384.6	748.3	87.1
45°	2620.6	2593.1	2464.2	2322.1	2143.0	1983.9	1975.7	1821.7	1518.2	886.3	106.9
47.5°	2805.1	2781.1	2676.9	2577.1	2371.0	2113.3	2095.6	1906.1	1650.8	1045.6	132.1
50°	2992.8	2993.4	2915.2	2867.3	2649.6	2323.6	2298.4	2030.1	1790.3	1216.1	169.4
52.5°	3211.3	3217.0	3215.8	3180.2	3011.5	2667.4	2633.6	2218.5	1952.3	1415.1	220.9
55°	3302.8	3312.9	3378.3	3457.1	3411.2	3103.3	3067.1	2543.3	2166.9	1636.9	297.3
57.5°	3227.9	3239.2	3329.5	3467.5	3572.9	3484.9	3480.8	2966.2	2449.7	1905.8	422.3
59°	3138.8	3137.3	3230.0	3376.3	3518.4	3575.5	3581.5	3252.2	2696.1	2094.4	530.0
60°	3079.6	3080.7	3142.3	3292.5	3443.5	3542.7	3565.8	3420.7	2840.0	2230.0	622.4
62.5°	2851.0	2864.6	2913.4	3052.9	3196.2	3307.0	3346.4	3570.8	3251.9	2550.4	943.7
65°	2602.5	2603.4	2673.0	2792.3	2929.7	3007.6	3032.5	3337.2	3527.0	2876.7	1365.1
67.5°	2159.2	2177.3	2256.4	2449.7	2631.2	2729.9	2748.8	2904.9	3413.0	3089.3	1576.2
70°	1511.1	1534.7	1647.6	1898.4	2168.7	2330.7	2329.5	2414.8	3003.8	2994.6	1336.4
72.5°	754.5	795.4	887.4	1156.0	1483.5	1737.9	1791.5	1942.5	2413.0	2487.3	997.0
75°	333.4	335.8	388.2	523.5	737.3	1060.4	1108.3	1541.9	1851.3	1728.7	720.1
77.5°	194.0	195.7	205.2	235.1	298.8	519.7	573.6	1011.2	1308.2	1004.7	469.6
80°	70.5	72.3	72.0	89.1	130.9	204.6	228.0	490.1	872.6	529.2	246.1
82.5°	43.2	43.2	41.8	42.0	47.7	78.5	85.9	208.8	424.9	260.6	70.5
85°	21.3	22.5	24.0	26.9	32.0	38.8	41.2	59.8	143.0	63.1	16.9
87.5°	12.7	13.0	14.2	17.2	21.3	27.8	29.6	40.6	51.2	42.3	4.1
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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CATALOG NUMBER: NVN-SA1B-730-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
2.5°	28.1	27.8	26.4	25.2	24.0	22.8	21.9	21.0	21.0	21.3	21.0
5°	28.1	26.9	24.6	22.5	20.7	19.2	17.8	16.6	16.3	16.3	16.6
7.5°	27.8	26.4	23.1	20.4	18.1	16.0	14.5	13.0	12.7	13.0	12.7
10°	27.5	25.8	21.9	18.7	15.4	13.3	11.3	9.8	9.8	9.8	10.1
12.5°	27.5	24.9	20.7	16.9	13.3	11.0	8.9	7.4	7.1	7.1	7.1
15°	27.2	24.3	19.5	14.8	11.3	8.3	6.5	5.0	5.0	5.0	5.0
17.5°	26.7	23.4	18.1	13.0	8.9	6.2	4.4	3.0	3.0	3.6	3.6
20°	26.1	22.5	16.3	10.7	7.4	4.7	3.0	1.8	1.8	2.7	3.0
22.5°	26.4	22.5	15.1	9.5	5.9	3.6	2.4	1.5	1.2	2.1	2.7
25°	26.7	21.9	13.6	8.3	4.4	2.7	1.8	0.6	0.3	0.6	0.9
27.5°	26.7	21.3	11.8	6.5	3.3	2.1	0.9	0.0	0.0	0.0	0.0
30°	26.4	20.4	10.4	5.3	2.4	1.2	0.3	0.0	0.0	0.0	0.0
32.5°	26.1	19.5	9.5	4.1	2.1	0.6	0.0	0.0	0.0	0.0	0.0
35°	26.4	18.4	8.3	3.3	1.2	0.0	0.0	0.0	0.0	0.0	0.6
37.5°	27.2	17.2	7.1	2.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	28.4	16.3	5.9	2.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	30.8	16.3	5.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	33.8	16.3	4.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	37.6	16.6	3.8	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	42.3	17.2	3.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	45.9	16.6	3.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	52.1	16.0	3.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	60.4	15.1	3.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	68.7	13.9	3.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	78.2	13.3	2.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	129.1	11.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	249.3	11.3	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	403.0	11.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	423.7	11.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	281.9	9.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	151.0	8.3	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	81.4	7.7	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	35.8	5.6	1.5	0.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	14.2	3.8	1.8	1.5	1.2	0.6	0.0	0.0	0.0	0.0	0.0
85°	6.8	3.0	2.4	2.1	1.5	0.9	0.0	0.0	0.0	0.0	0.0
87.5°	3.3	3.0	2.7	2.4	2.1	1.5	0.3	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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

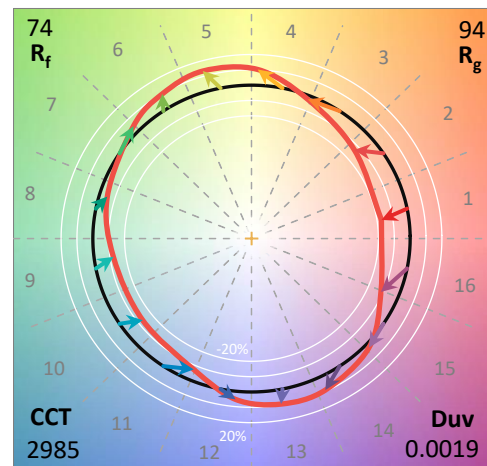
Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-4
 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-730-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2985	CRI (Ra):	70.8		
CIE u':	0.2504	R1:	66.3	R9:	-43.2
CIE v':	0.5243	R2:	80.6	R10:	57.6
Duv:	0.0019	R3:	94.5	R11:	64.8
CIE x:	0.4408	R4:	68.2	R12:	53.5
CIE y:	0.4101	R5:	66.5	R13:	68.7
CIE z:	0.1491	R6:	74.7	R14:	97.0
Peak Wavelength (nm):	595	R7:	76.2	R15:	56.4
Dominant Wavelength (nm):	582	R8:	39.6		
Purity:	55.41818				
Rf:	73.8				
Rg:	94.4				



Test Conditions

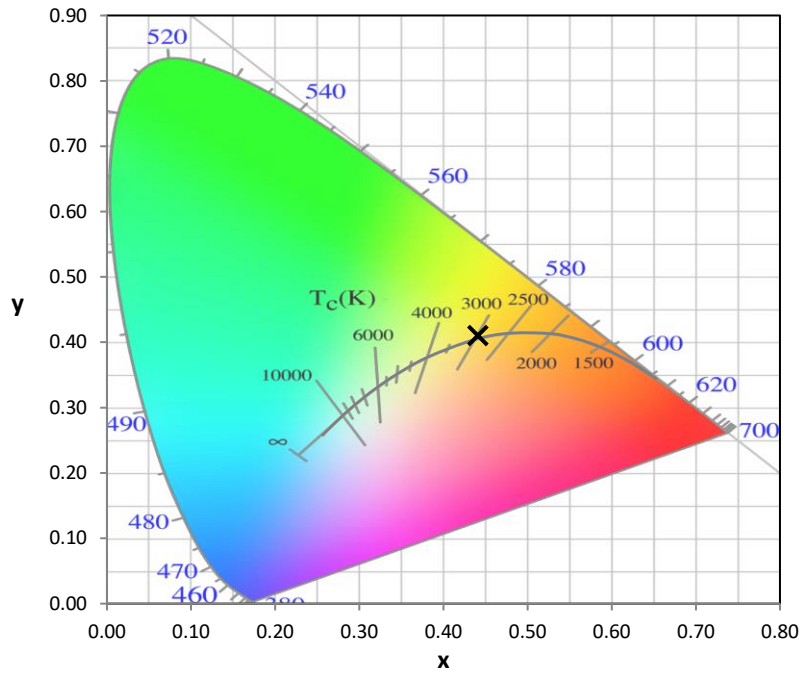
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

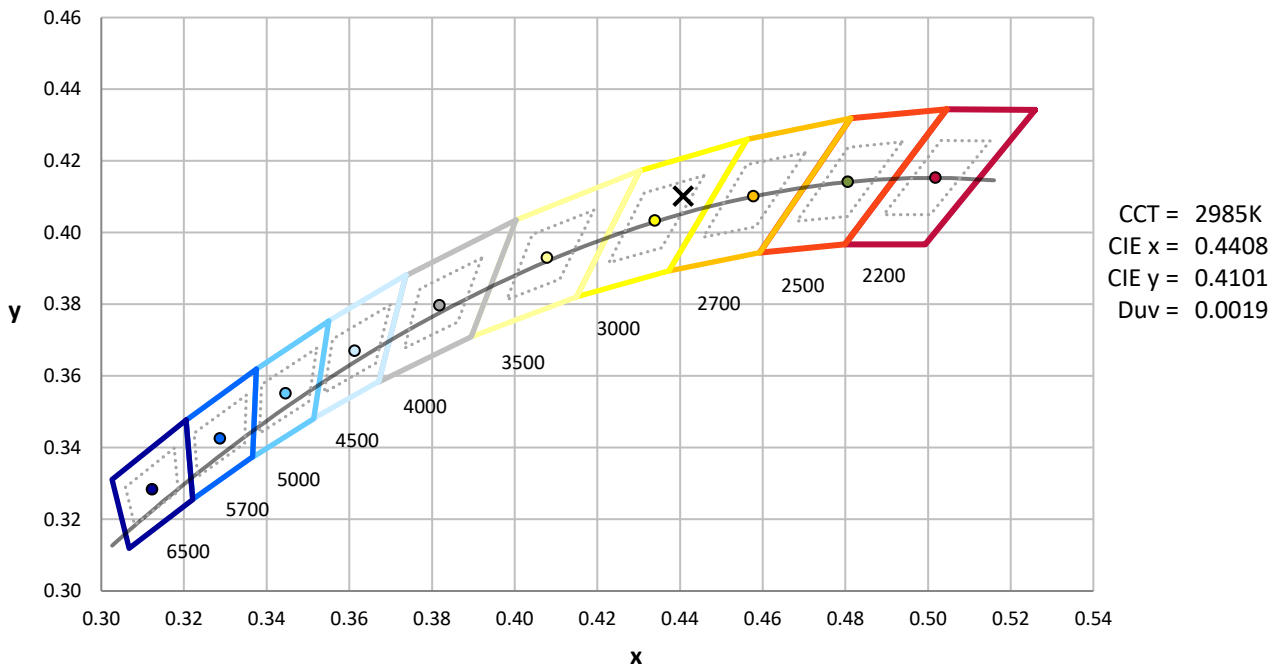
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



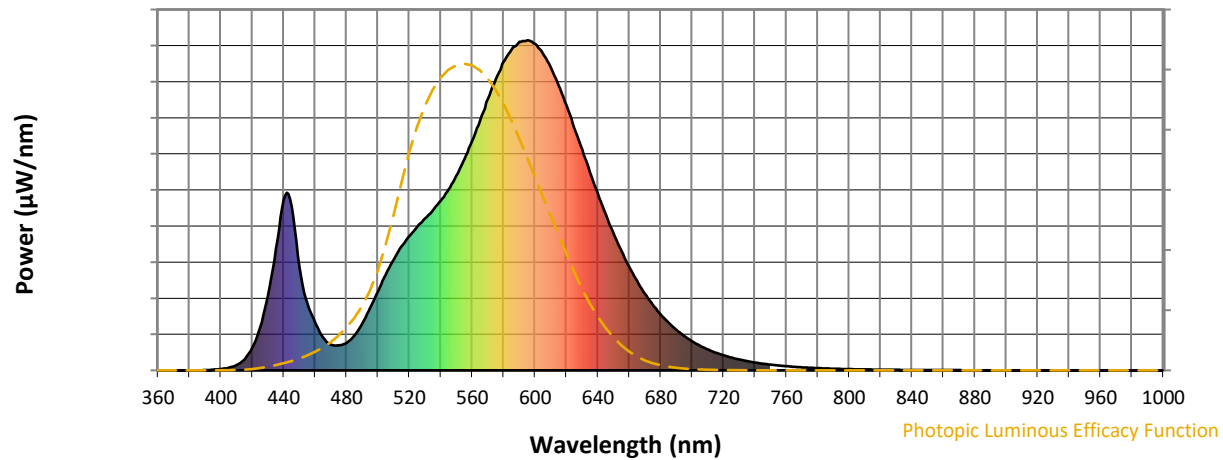
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.19

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

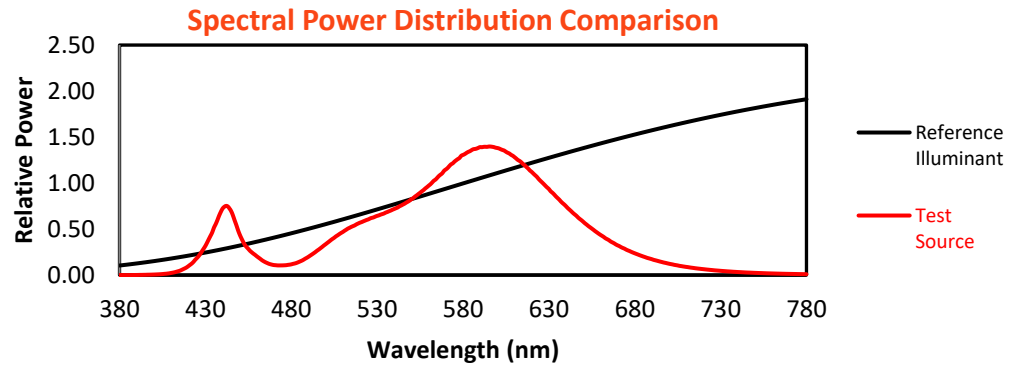
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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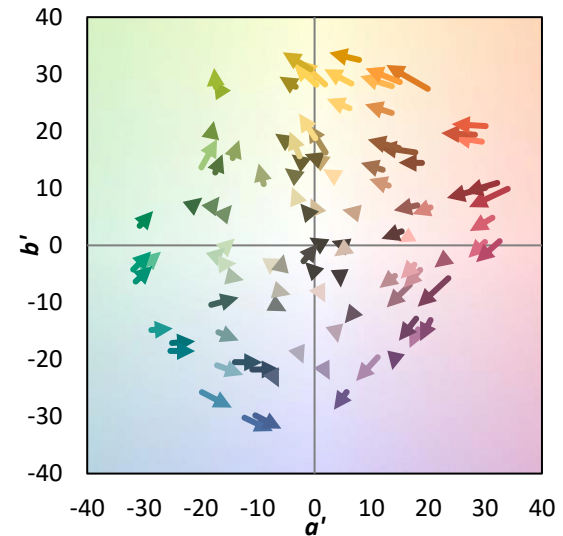
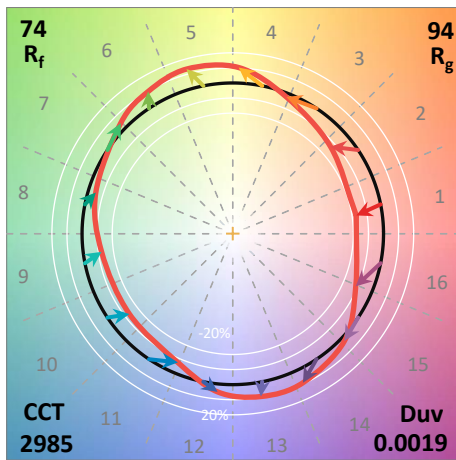
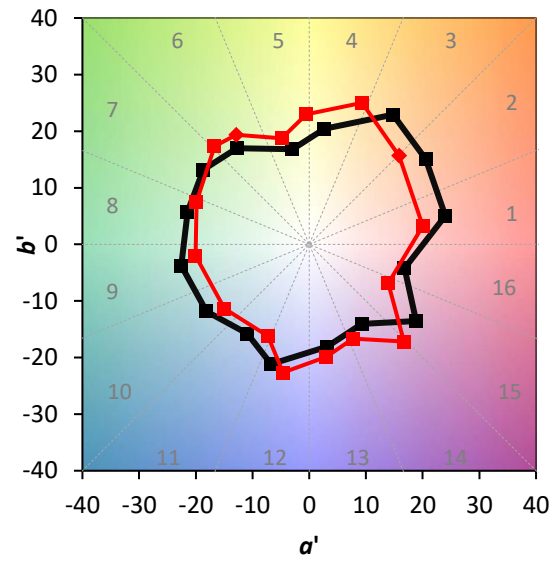
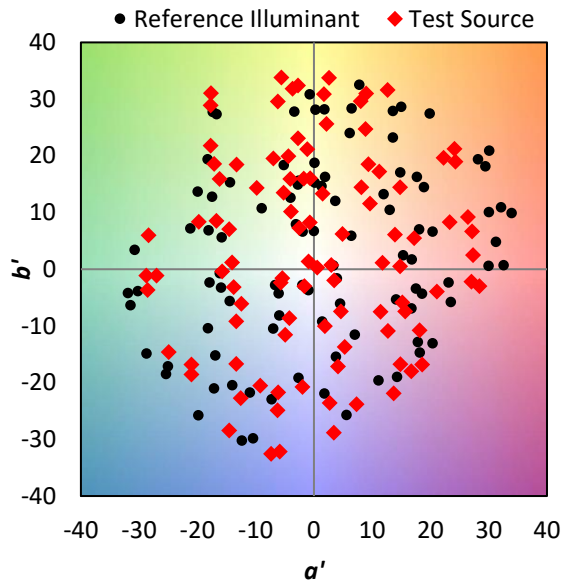
TM-30-18

Summary

$R_f = 73.8$
 $R_g = 94.4$
 $CIE\ R_a = 70.8$
 $R_g = -43.2$

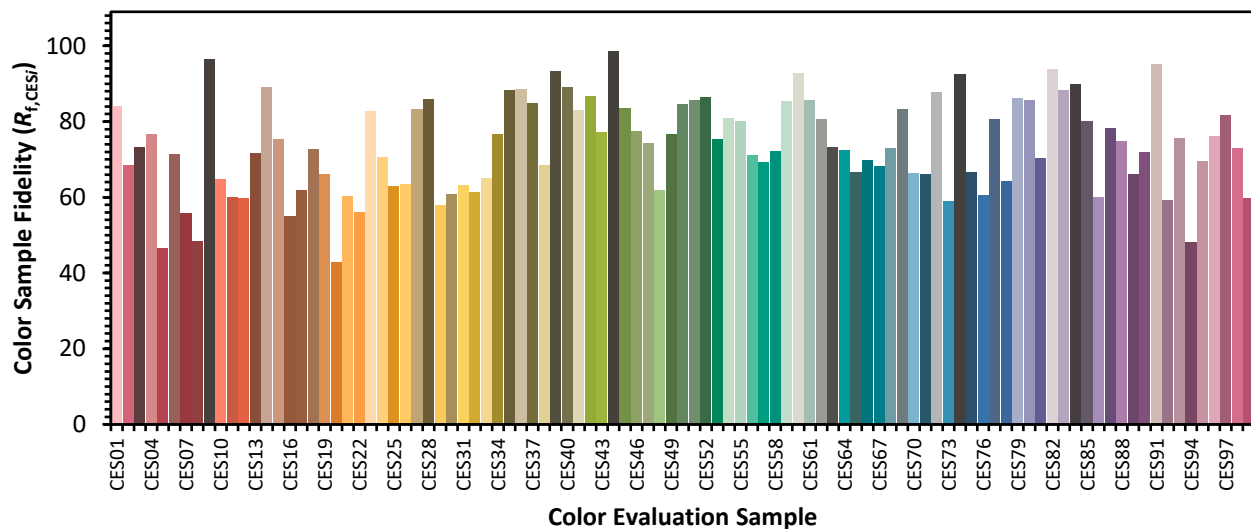


Color Vector Graphics

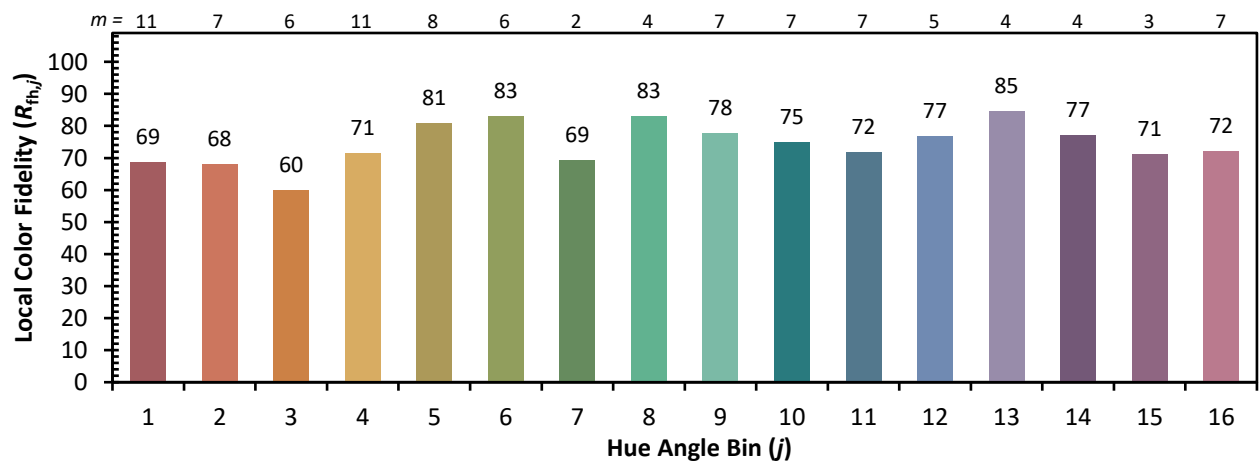
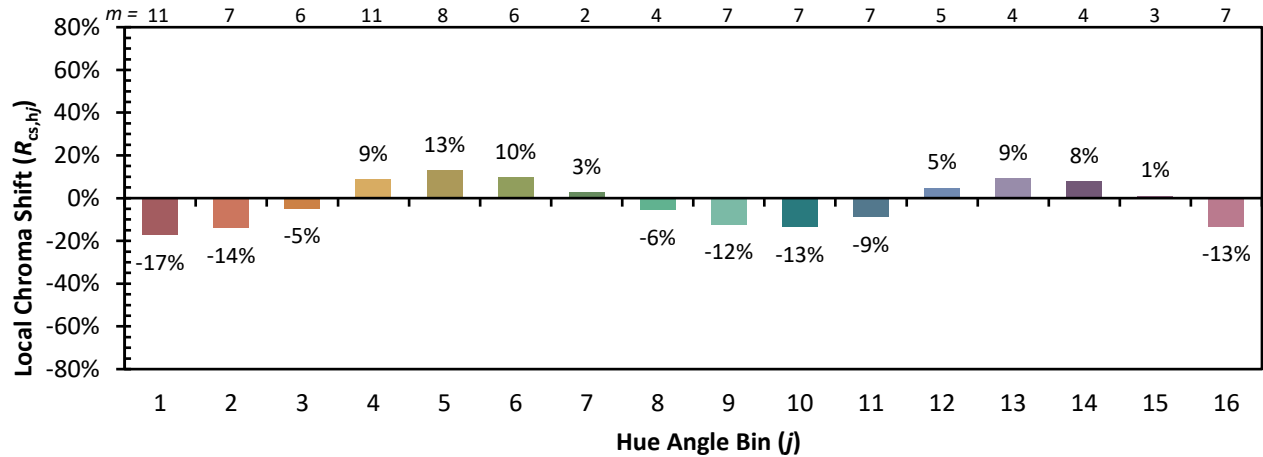


Individual Sample Fidelity Index ($R_{f,i}$)

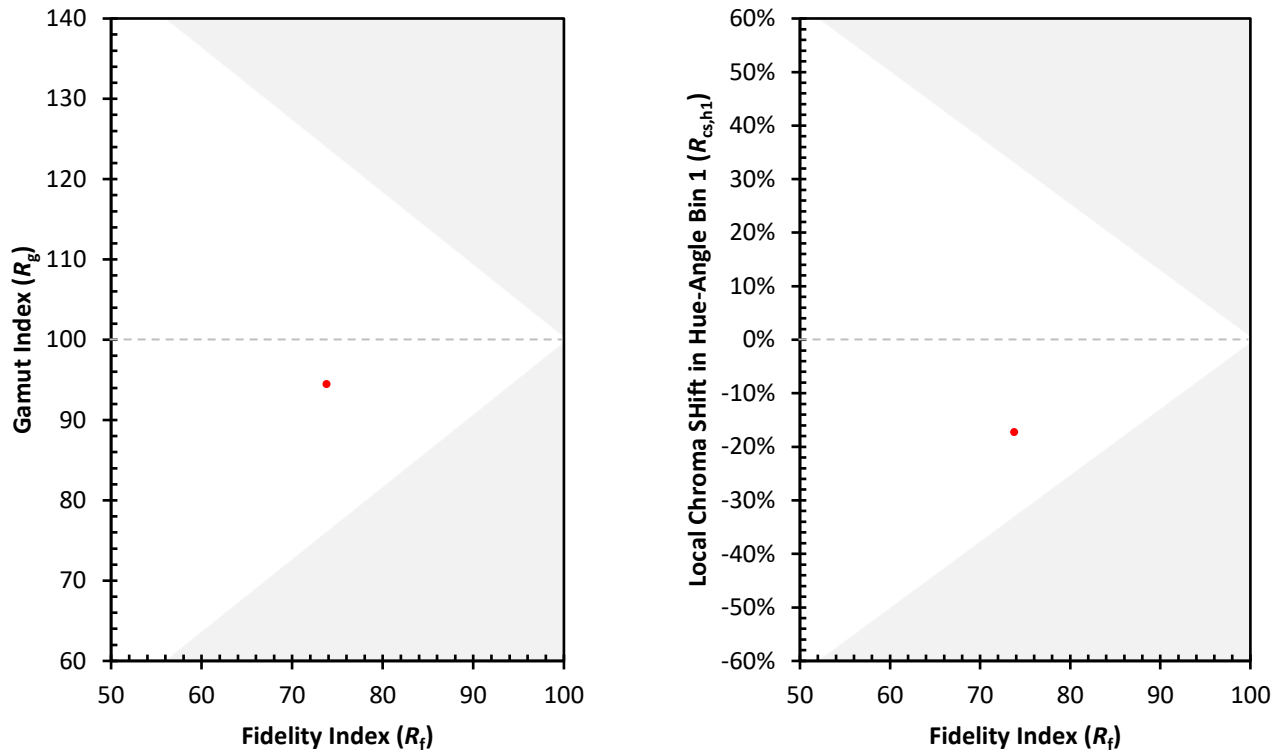
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)