

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: P1065789

Luminaire Tested: **NVN-SA3A-730-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1065789
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA3A-730-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 3xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (42) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10204.1 lumens
Efficiency: N/A
Efficacy: 124.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 82
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

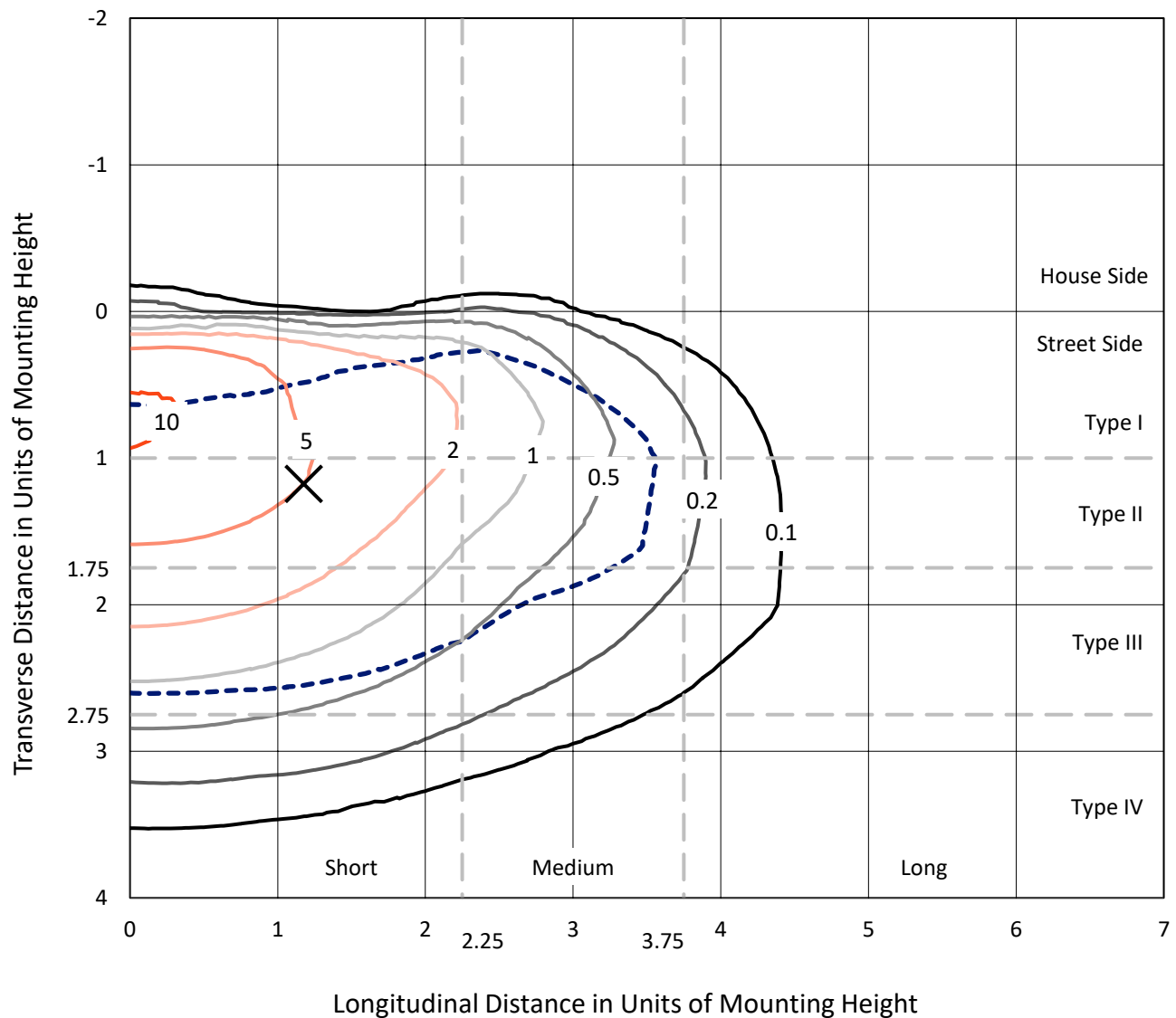


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CATALOG NUMBER: NVN-SA3A-730-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

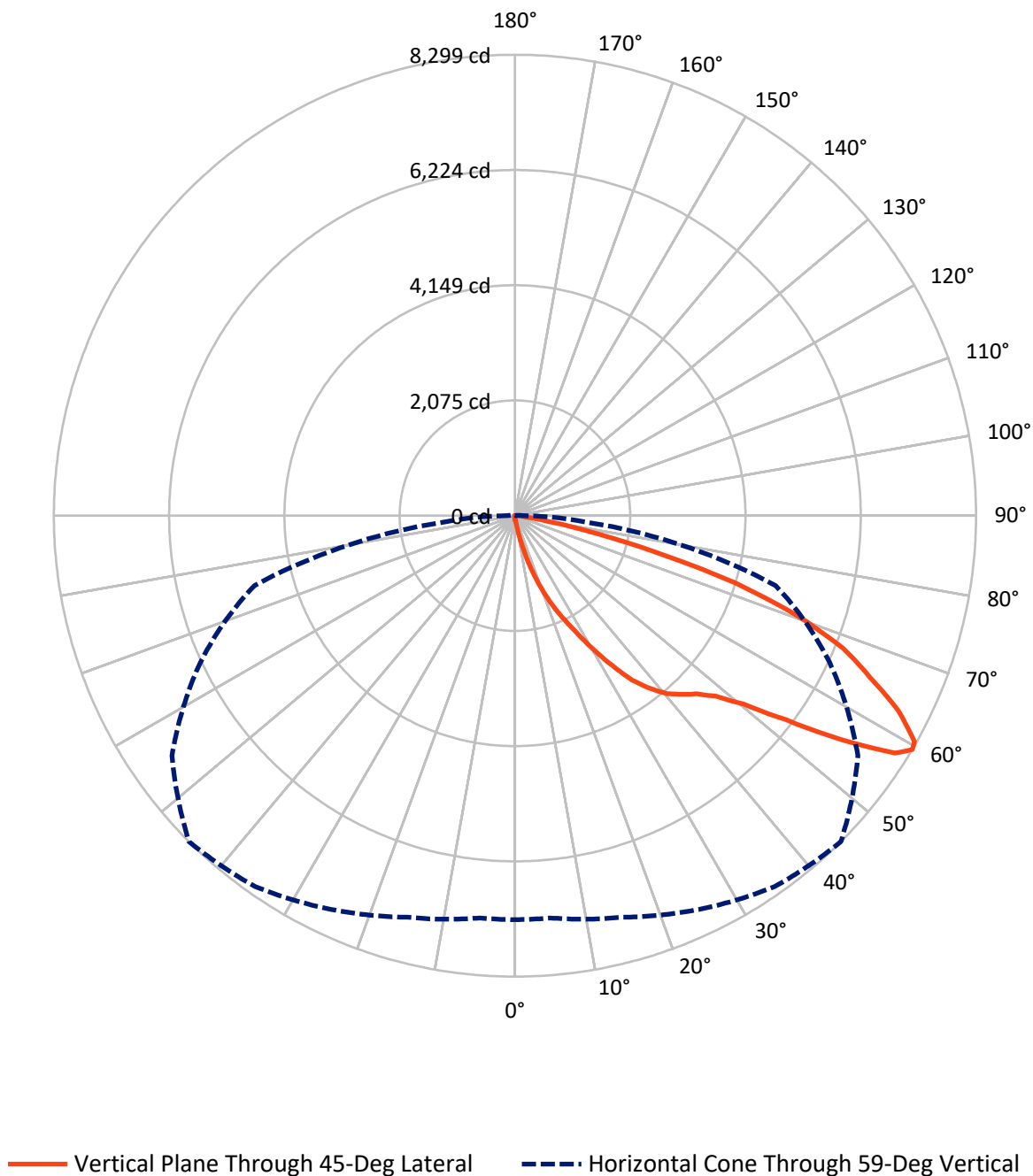


Based on 15 foot mounting height. Maximum calculated value = 11.1 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	36.2	0.0	36.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	10167.9	0.0	10167.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	10204.1	0.0	10204.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.5	0.1
10°-20°	112.8	1.1
20°-30°	405.3	4.0
30°-40°	941.7	9.2
40°-50°	1605.1	15.7
50°-60°	2644.7	25.9
60°-70°	3057.9	30.0
70°-80°	1313.8	12.9
80°-90°	113.5	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°	10204.1	100.0
0°-180°	10204.1	100.0



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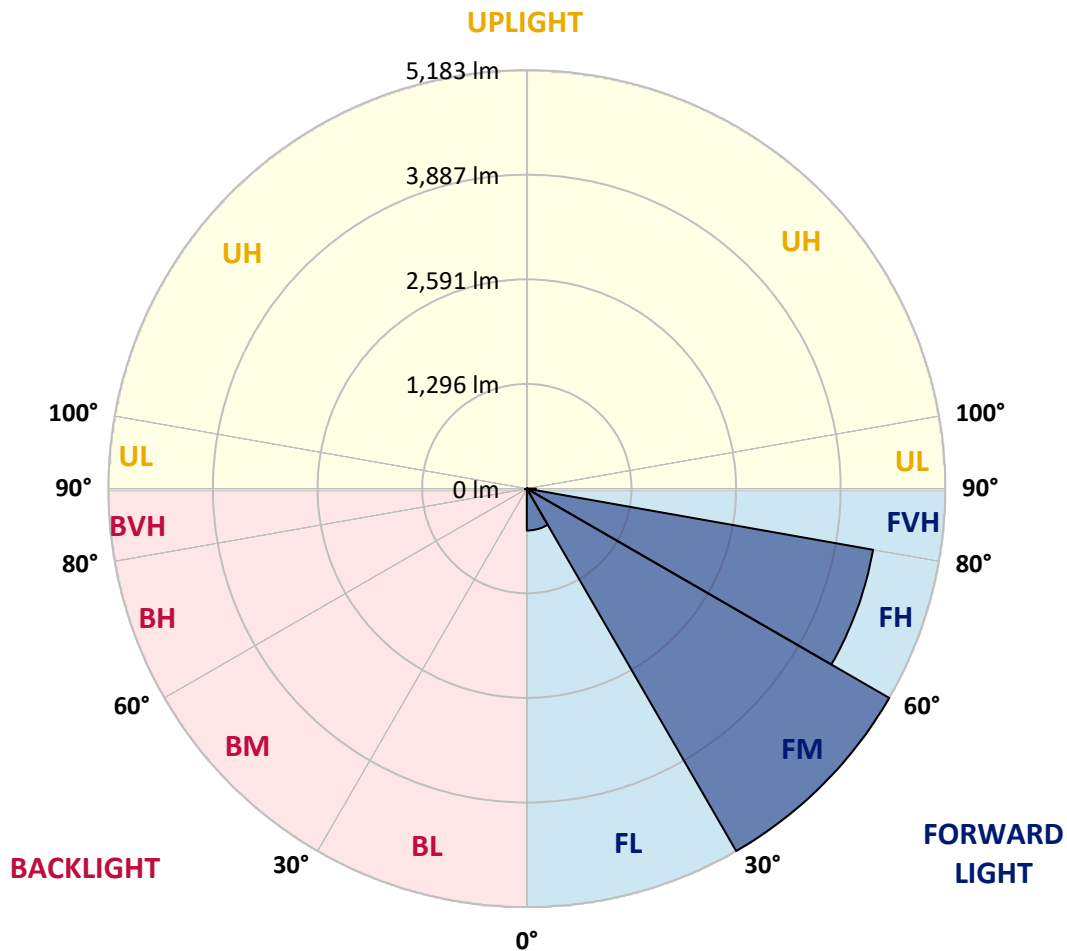
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	518.6	5.1			
FM	(30°-60°)	5182.7	50.8			
FH	(60°-80°)	4354.6	42.7			G2/5000
FVH	(80°-90°)	112.0	1.1			G2/225
BL	(0°-30°)	8.9	0.1	B0/110		
BM	(30°-60°)	8.8	0.1	B0/220		
BH	(60°-80°)	17.0	0.2	B0/110		G0/110
BVH	(80°-90°)	1.5	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
2.5°	83.7	83.7	81.6	78.9	78.2	76.2	76.2	74.1	71.4	69.3	66.6
5°	121.4	120.8	115.3	108.4	99.5	94.0	94.0	86.5	79.6	73.4	67.9
7.5°	265.5	259.4	239.5	206.5	163.3	134.5	132.4	107.7	91.3	78.9	68.6
10°	609.3	588.0	559.9	481.0	355.4	248.4	243.6	157.1	109.1	85.1	70.0
12.5°	998.3	1015.5	959.2	835.0	688.2	511.9	477.5	264.8	144.1	93.3	71.4
15°	1352.4	1348.2	1316.7	1215.1	1045.7	811.0	789.7	460.4	206.5	106.4	72.7
17.5°	1617.2	1612.4	1582.2	1517.0	1386.7	1152.0	1133.5	734.2	323.9	124.9	74.1
20°	1896.5	1890.3	1847.7	1795.6	1681.7	1482.0	1460.1	1040.2	507.0	155.1	74.1
22.5°	2231.3	2219.6	2174.3	2085.8	1965.8	1792.2	1772.3	1353.0	734.2	204.5	77.5
25°	2636.1	2616.2	2553.8	2474.2	2329.4	2098.9	2077.6	1701.6	1007.9	279.3	81.0
27.5°	3097.9	3101.3	3016.9	2882.4	2688.3	2452.9	2413.1	2013.8	1291.3	386.3	85.1
30°	3646.1	3611.8	3493.1	3336.6	3148.0	2848.1	2809.7	2324.6	1609.7	544.1	91.9
32.5°	4159.3	4122.3	3962.4	3765.5	3563.1	3246.8	3215.2	2673.8	1899.2	730.7	104.3
35°	4599.8	4573.7	4350.1	4109.9	3930.1	3647.5	3637.9	3063.6	2239.5	931.8	118.0
37.5°	4987.5	4940.1	4652.6	4403.6	4221.1	3967.9	3947.3	3420.4	2567.5	1165.0	138.6
40°	5318.2	5292.1	4941.5	4614.2	4466.0	4239.6	4213.5	3733.2	2906.4	1436.1	164.0
42.5°	5672.2	5637.9	5297.6	4930.5	4657.4	4415.2	4398.1	3991.2	3208.3	1733.8	201.7
45°	6072.2	6008.4	5710.0	5380.6	4965.5	4597.1	4577.9	4221.1	3517.8	2053.6	247.7
47.5°	6499.7	6444.1	6202.6	5971.4	5493.8	4896.9	4855.7	4416.6	3825.2	2422.7	306.0
50°	6934.7	6936.1	6754.9	6643.8	6139.5	5384.1	5325.7	4704.1	4148.3	2817.9	392.5
52.5°	7441.1	7454.1	7451.4	7369.0	6977.9	6180.7	6102.4	5140.5	4523.6	3279.0	511.9
55°	7653.1	7676.4	7828.0	8010.6	7904.2	7190.6	7106.9	5893.2	5021.1	3792.9	688.9
57.5°	7479.5	7505.6	7714.8	8034.6	8278.8	8075.1	8065.4	6873.0	5676.3	4415.9	978.4
59°	7273.0	7269.5	7484.3	7823.2	8152.6	8285.0	8298.7	7535.8	6247.2	4853.0	1228.2
60°	7135.7	7138.5	7281.2	7629.1	7979.0	8208.8	8262.4	7926.2	6580.7	5167.2	1442.2
62.5°	6606.1	6637.6	6750.8	7074.0	7406.1	7662.7	7753.9	8274.0	7535.1	5909.6	2186.7
65°	6030.4	6032.4	6193.7	6470.2	6788.6	6969.0	7026.6	7732.7	8172.5	6665.7	3163.1
67.5°	5003.3	5045.1	5228.3	5676.3	6096.9	6325.4	6369.3	6730.9	7908.3	7158.4	3652.3
70°	3501.3	3556.2	3817.6	4398.8	5025.2	5400.5	5397.8	5595.4	6960.1	6938.8	3096.5
72.5°	1748.3	1842.9	2056.3	2678.6	3437.5	4026.9	4151.1	4501.0	5591.3	5763.5	2310.2
75°	772.6	778.1	899.5	1213.1	1708.5	2457.0	2568.2	3572.7	4289.7	4005.6	1668.7
77.5°	449.4	453.5	475.5	544.8	692.3	1204.2	1329.0	2343.1	3031.3	2328.0	1088.2
80°	163.3	167.4	166.7	206.5	303.3	474.1	528.3	1135.5	2022.0	1226.1	570.2
82.5°	100.2	100.2	96.7	97.4	110.5	181.8	199.0	483.7	984.6	603.8	163.3
85°	49.4	52.1	55.6	62.4	74.1	89.9	95.4	138.6	331.4	146.1	39.1
87.5°	29.5	30.2	32.9	39.8	49.4	64.5	68.6	94.0	118.7	98.1	9.6
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°	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
2.5°	65.2	64.5	61.1	58.3	55.6	52.8	50.8	48.7	48.7	49.4	48.7
5°	65.2	62.4	56.9	52.1	48.0	44.6	41.2	38.4	37.7	37.7	38.4
7.5°	64.5	61.1	53.5	47.3	41.9	37.1	33.6	30.2	29.5	30.2	29.5
10°	63.8	59.7	50.8	43.2	35.7	30.9	26.1	22.6	22.6	22.6	23.3
12.5°	63.8	57.6	48.0	39.1	30.9	25.4	20.6	17.2	16.5	16.5	16.5
15°	63.1	56.3	45.3	34.3	26.1	19.2	15.1	11.7	11.7	11.7	11.7
17.5°	61.8	54.2	41.9	30.2	20.6	14.4	10.3	6.9	6.9	8.2	8.2
20°	60.4	52.1	37.7	24.7	17.2	11.0	6.9	4.1	4.1	6.2	6.9
22.5°	61.1	52.1	35.0	22.0	13.7	8.2	5.5	3.4	2.7	4.8	6.2
25°	61.8	50.8	31.6	19.2	10.3	6.2	4.1	1.4	0.7	1.4	2.1
27.5°	61.8	49.4	27.4	15.1	7.5	4.8	2.1	0.0	0.0	0.0	0.0
30°	61.1	47.3	24.0	12.4	5.5	2.7	0.7	0.0	0.0	0.0	0.0
32.5°	60.4	45.3	22.0	9.6	4.8	1.4	0.0	0.0	0.0	0.0	0.0
35°	61.1	42.5	19.2	7.5	2.7	0.0	0.0	0.0	0.0	0.0	1.4
37.5°	63.1	39.8	16.5	6.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0
40°	65.9	37.7	13.7	4.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	71.4	37.7	12.4	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	78.2	37.7	10.3	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	87.1	38.4	8.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	98.1	39.8	8.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	106.4	38.4	7.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	120.8	37.1	6.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	140.0	35.0	6.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	159.2	32.2	6.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	181.1	30.9	6.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	299.2	27.4	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	577.7	26.1	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	933.8	26.1	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	981.9	26.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	653.2	21.3	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	349.9	19.2	2.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	188.7	17.8	2.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	83.0	13.0	3.4	2.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	32.9	8.9	4.1	3.4	2.7	1.4	0.0	0.0	0.0	0.0	0.0
85°	15.8	6.9	5.5	4.8	3.4	2.1	0.0	0.0	0.0	0.0	0.0
87.5°	7.5	6.9	6.2	5.5	4.8	3.4	0.7	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

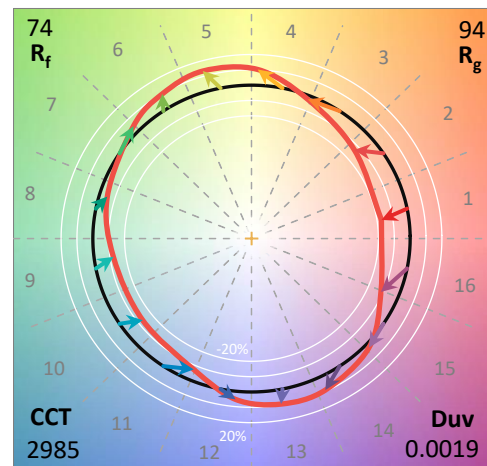
Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

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

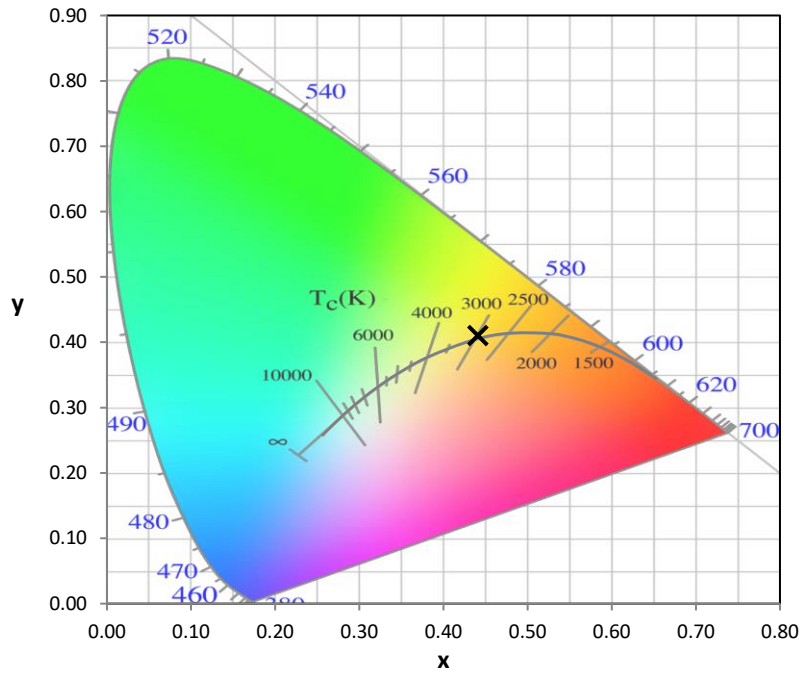
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

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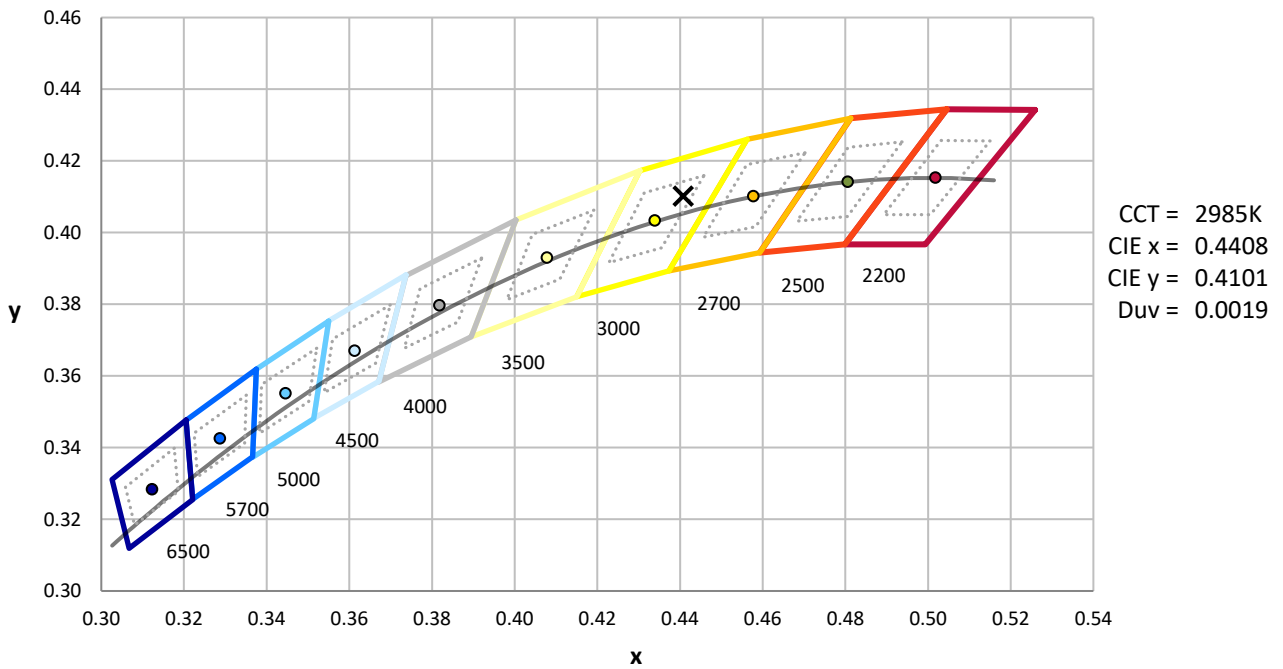
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



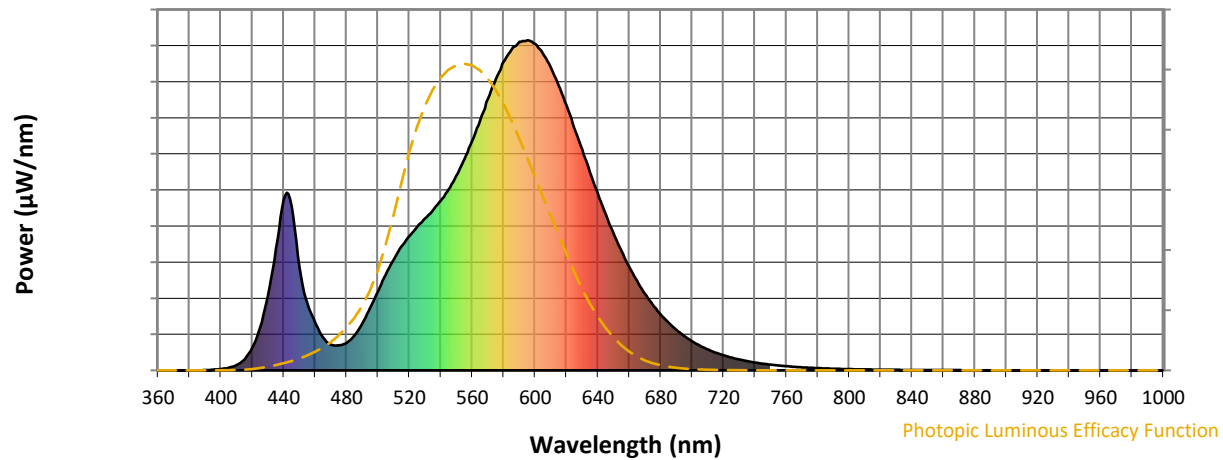
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 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

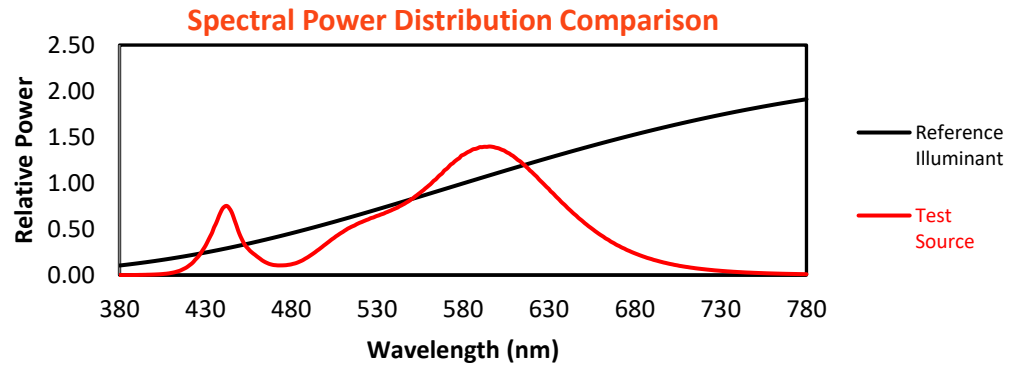
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	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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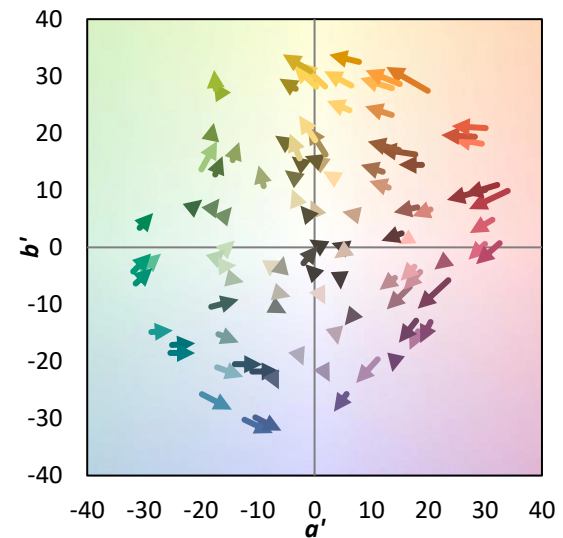
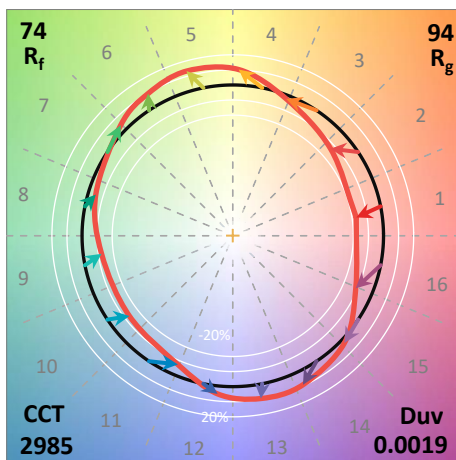
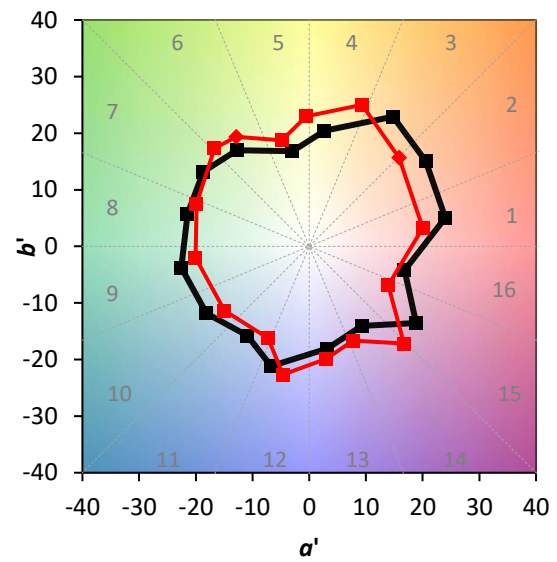
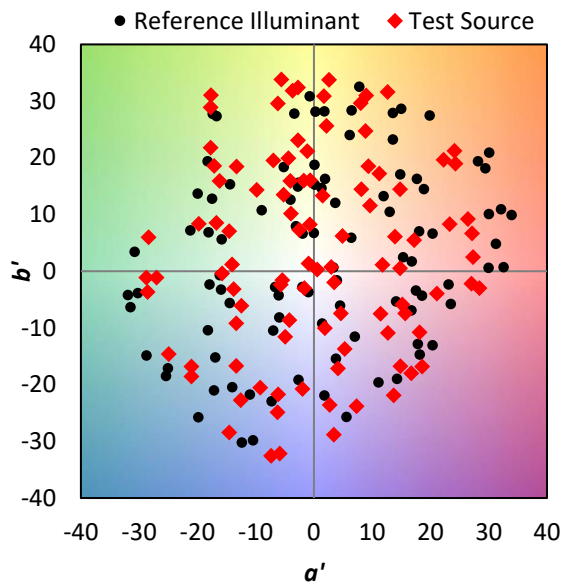
TM-30-18

Summary

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

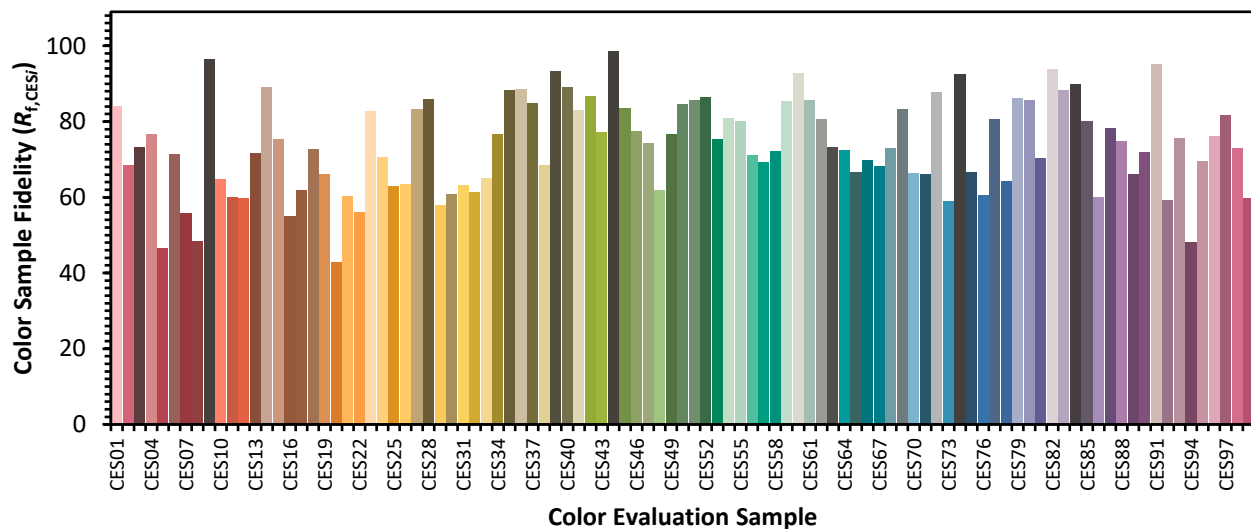


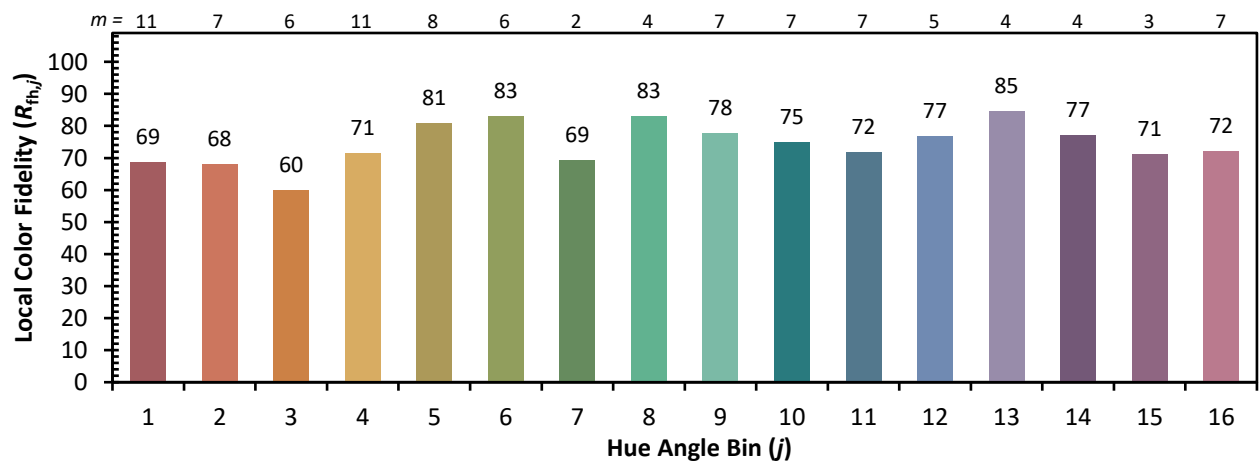
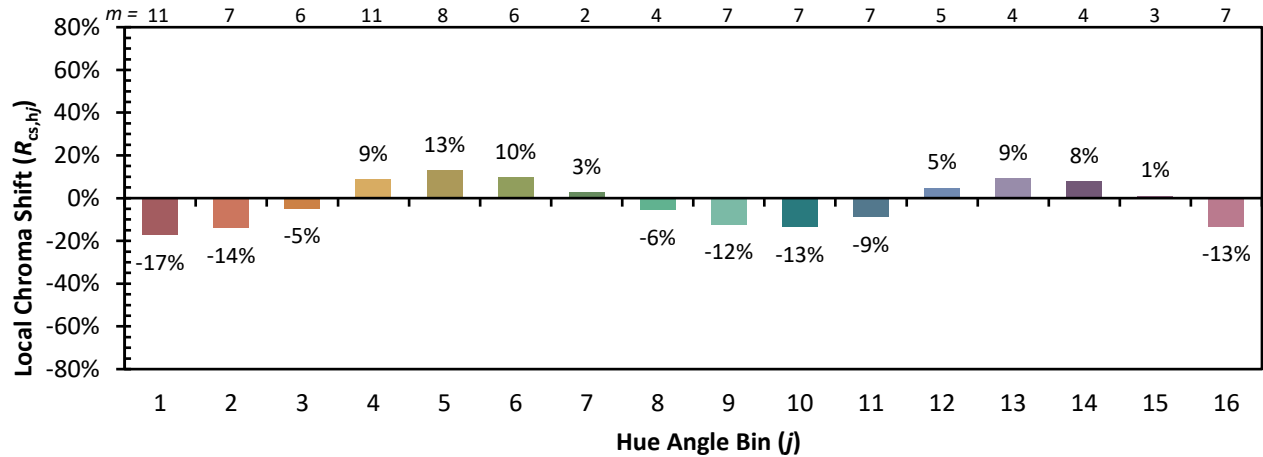
Color Vector Graphics



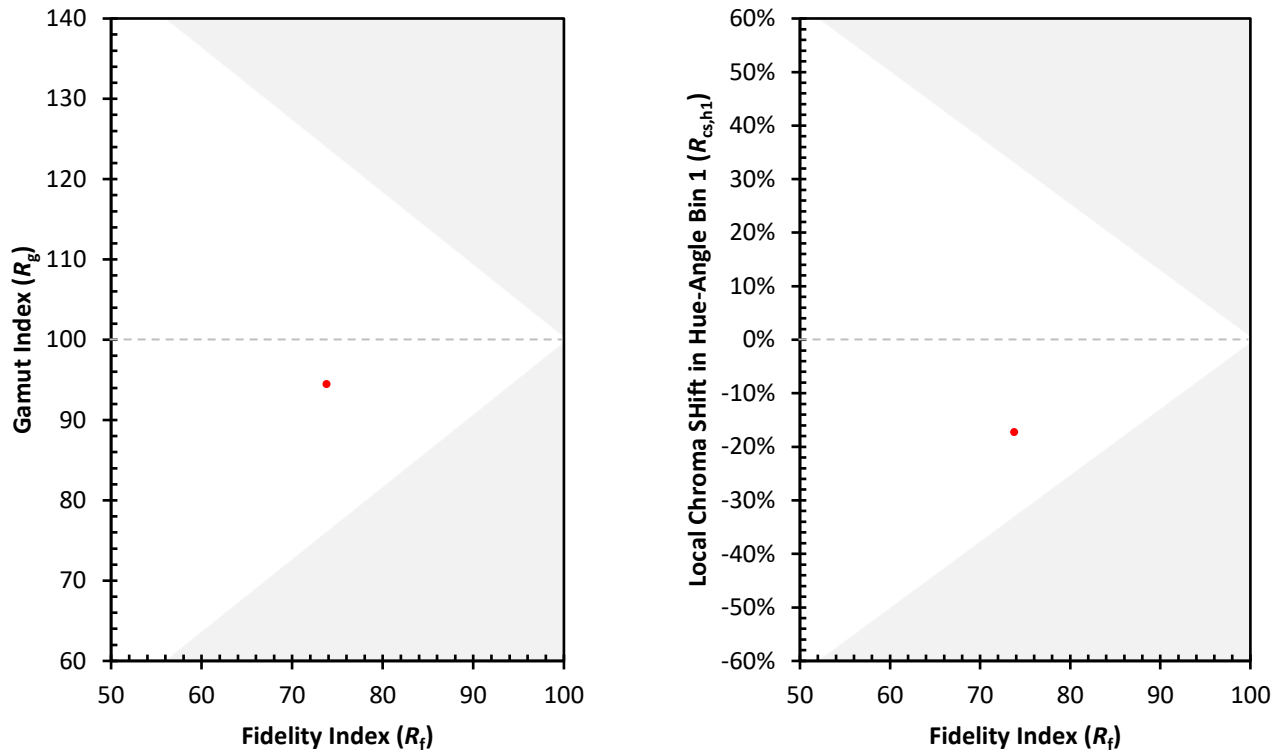
Individual Sample Fidelity Index ($R_{f,i}$)

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)