

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: P1066992

Luminaire Tested: **NAV-SA3D-730-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066992
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA3D-730-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 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: 17377.4 lumens
Efficiency: N/A
Efficacy: 108.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 160.9
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

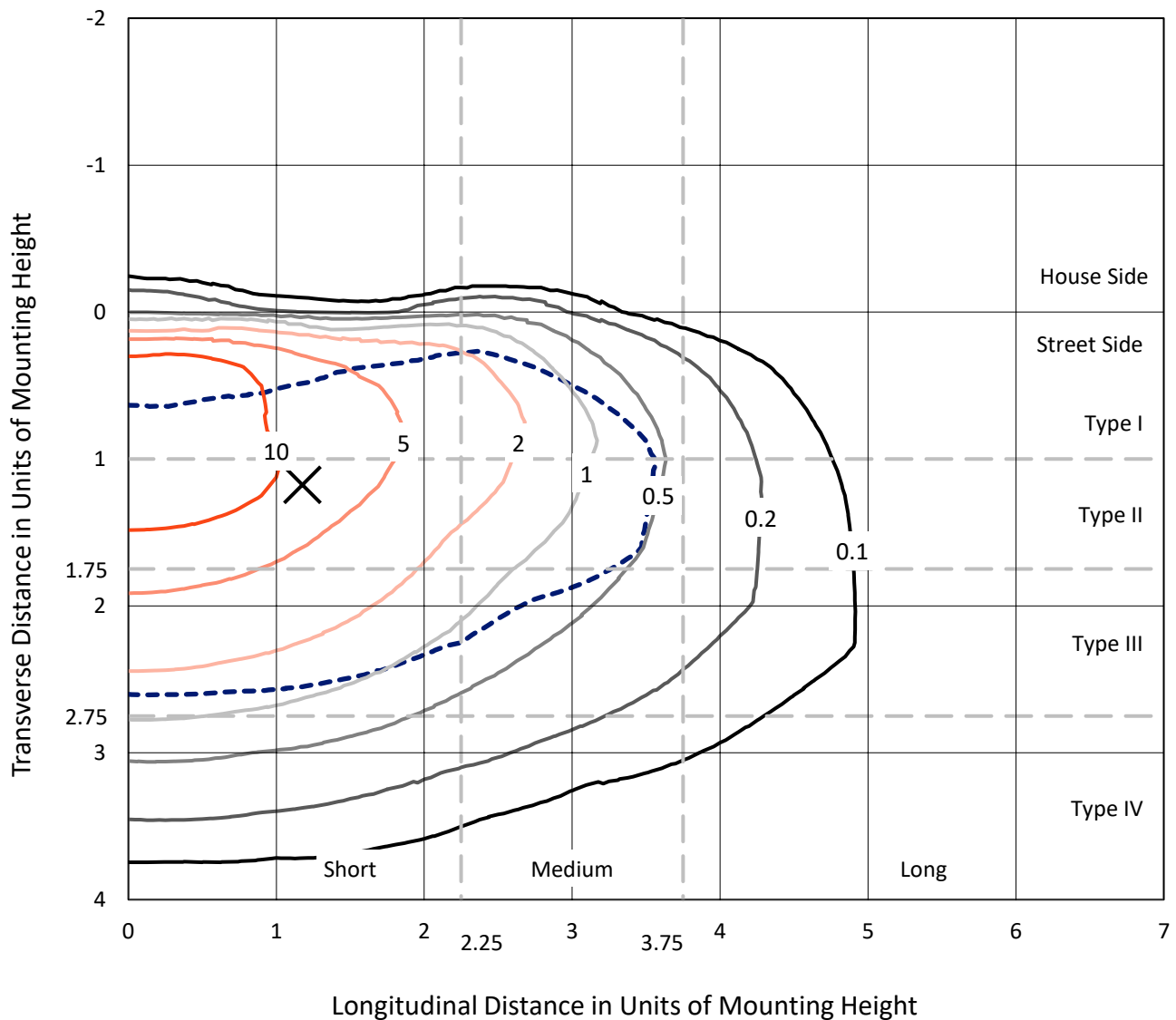


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

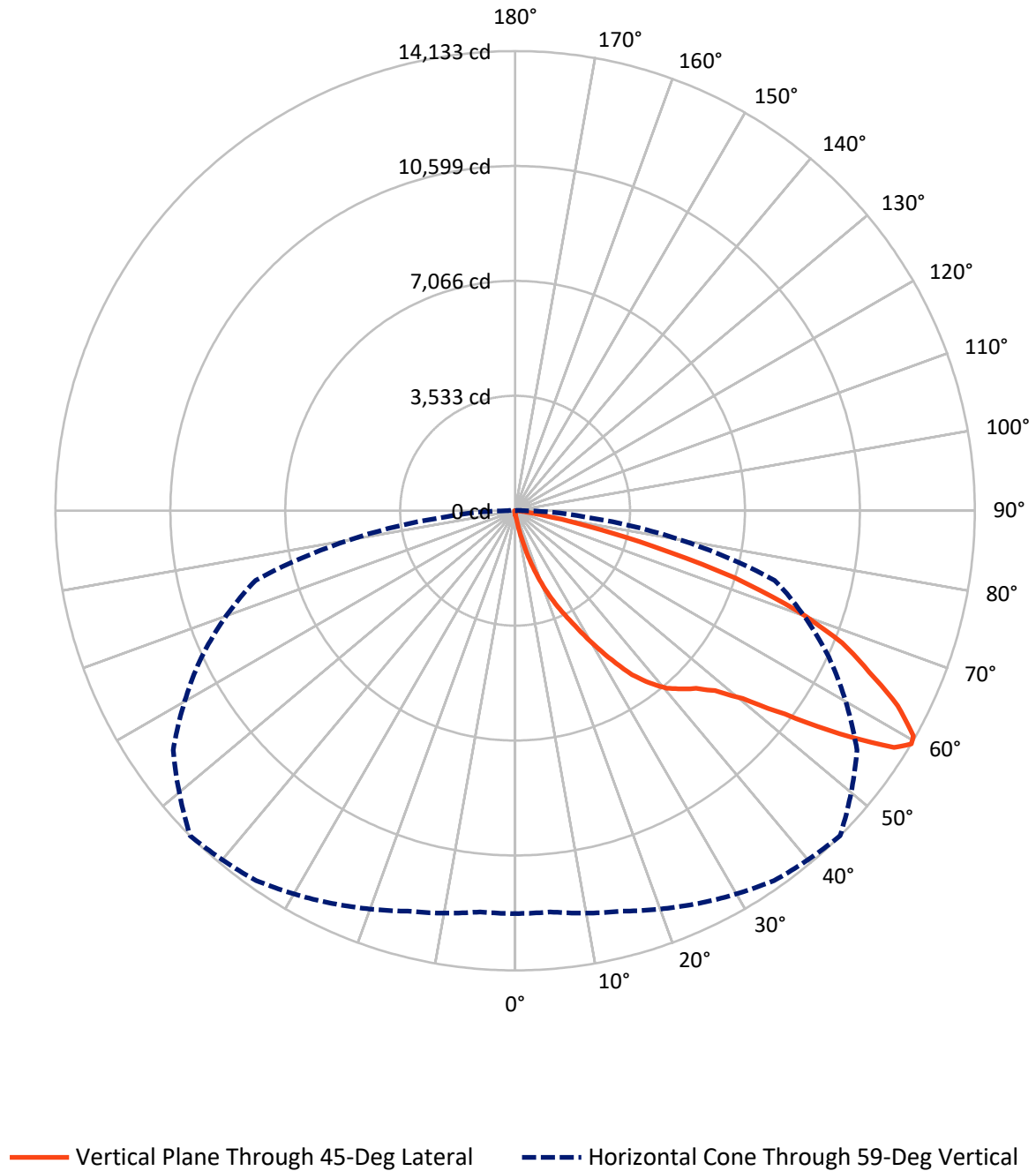


Based on 15 foot mounting height. Maximum calculated value = 18.9 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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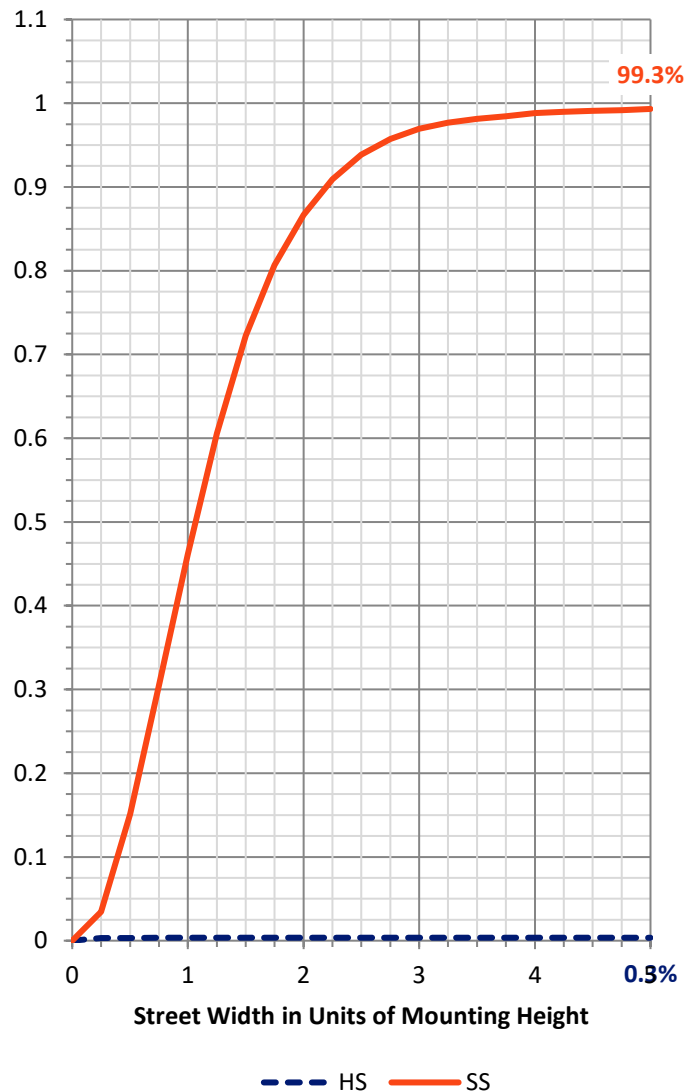
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	61.7	0.0	61.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	17315.7	0.0	17315.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	17377.4	0.0	17377.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.2	0.1
10°-20°	192.1	1.1
20°-30°	690.1	4.0
30°-40°	1603.7	9.2
40°-50°	2733.4	15.7
50°-60°	4503.9	25.9
60°-70°	5207.5	30.0
70°-80°	2237.3	12.9
80°-90°	193.3	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°	17377.4	100.0
0°-180°	17377.4	100.0



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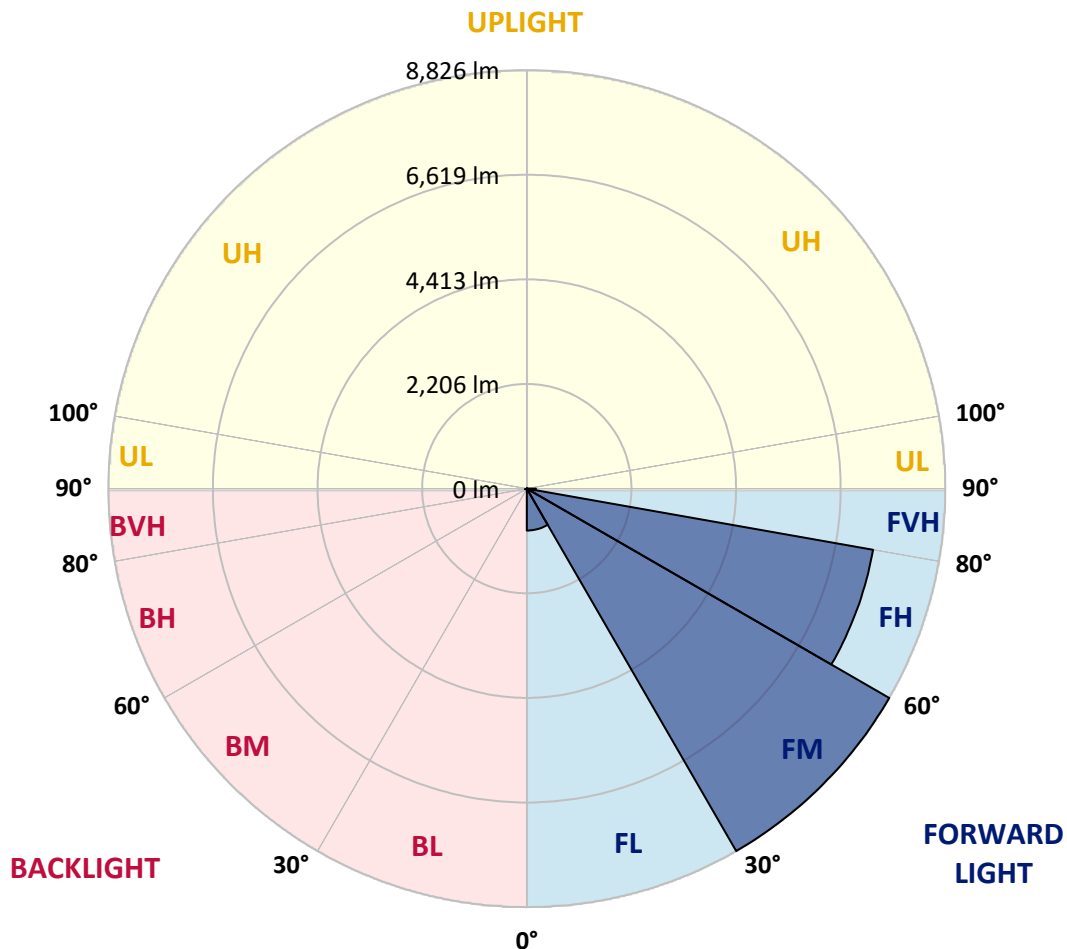
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	883.1	5.1			
FM	(30°-60°)	8826.0	50.8			
FH	(60°-80°)	7415.7	42.7			G3/7500
FVH	(80°-90°)	190.8	1.1			G2/225
BL	(0°-30°)	15.2	0.1	B0/110		
BM	(30°-60°)	14.9	0.1	B0/220		
BH	(60°-80°)	29.0	0.2	B0/110		G0/110
BVH	(80°-90°)	2.5	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-G3

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8
2.5°	142.6	142.6	139.0	134.4	133.2	129.7	129.7	126.2	121.5	118.0	113.3
5°	206.8	205.6	196.3	184.6	169.4	160.1	160.1	147.2	135.5	125.0	115.7
7.5°	452.2	441.7	407.8	351.7	278.1	229.0	225.5	183.4	155.4	134.4	116.8
10°	1037.6	1001.4	953.5	819.1	605.3	423.0	414.8	267.6	185.8	144.9	119.2
12.5°	1700.1	1729.3	1633.5	1422.0	1172.0	871.7	813.2	451.0	245.4	158.9	121.5
15°	2303.0	2296.0	2242.3	2069.3	1780.7	1381.1	1344.9	784.0	351.7	181.1	123.9
17.5°	2754.1	2745.9	2694.5	2583.5	2361.5	1961.8	1930.3	1250.3	551.5	212.7	126.2
20°	3229.6	3219.1	3146.7	3057.9	2863.9	2523.9	2486.5	1771.4	863.5	264.1	126.2
22.5°	3799.8	3780.0	3702.8	3552.1	3347.6	3052.0	3018.1	2304.2	1250.3	348.2	132.0
25°	4489.2	4455.3	4349.0	4213.5	3966.9	3574.3	3538.1	2897.8	1716.5	475.6	137.9
27.5°	5275.6	5281.4	5137.7	4908.7	4578.0	4177.2	4109.5	3429.4	2199.0	657.8	144.9
30°	6209.2	6150.8	5948.6	5682.2	5360.9	4850.3	4784.8	3958.7	2741.2	926.6	156.6
32.5°	7083.2	7020.1	6747.9	6412.5	6067.8	5529.1	5475.4	4553.5	3234.3	1244.4	177.6
35°	7833.4	7788.9	7408.0	6999.1	6692.9	6211.5	6195.2	5217.2	3813.9	1586.8	201.0
37.5°	8493.5	8412.9	7923.3	7499.2	7188.4	6757.2	6722.1	5824.8	4372.4	1984.0	236.0
40°	9056.7	9012.3	8415.2	7857.9	7605.5	7219.9	7175.5	6357.6	4949.6	2445.6	279.3
42.5°	9659.7	9601.2	9021.7	8396.5	7931.5	7519.0	7489.8	6796.9	5463.7	2952.7	343.5
45°	10340.9	10232.2	9723.9	9163.1	8456.1	7828.7	7796.0	7188.4	5990.7	3497.2	421.8
47.5°	11068.8	10974.2	10562.9	10169.1	9355.9	8339.3	8269.2	7521.4	6514.2	4125.8	521.1
50°	11809.6	11812.0	11503.5	11314.2	10455.4	9168.9	9069.6	8011.0	7064.5	4798.9	668.4
52.5°	12671.9	12694.1	12689.5	12549.3	11883.2	10525.5	10392.3	8754.1	7703.7	5584.1	871.7
55°	13033.0	13072.7	13331.0	13641.8	13460.6	12245.5	12102.9	10035.9	8550.8	6459.2	1173.1
57.5°	12737.4	12781.8	13138.2	13682.7	14098.6	13751.6	13735.2	11704.5	9666.7	7520.2	1666.2
59°	12385.7	12379.8	12745.6	13322.8	13883.6	14109.1	14132.5	12833.2	10638.8	8264.5	2091.5
60°	12152.0	12156.6	12399.7	12992.1	13588.0	13979.4	14070.6	13498.0	11206.7	8799.7	2456.1
62.5°	11249.9	11303.7	11496.5	12046.8	12612.3	13049.4	13204.8	14090.4	12832.0	10063.9	3723.9
65°	10269.6	10273.1	10547.7	11018.6	11560.7	11868.0	11966.2	13168.5	13917.5	11351.6	5386.6
67.5°	8520.4	8591.7	8903.7	9666.7	10382.9	10772.0	10846.8	11462.6	13467.7	12190.5	6219.7
70°	5962.6	6056.1	6501.3	7491.0	8557.8	9196.9	9192.3	9528.8	11852.8	11816.6	5273.3
72.5°	2977.2	3138.5	3501.9	4561.7	5854.0	6857.7	7069.2	7665.1	9521.8	9815.1	3934.2
75°	1315.7	1325.0	1531.8	2065.8	2909.5	4184.3	4373.5	6084.2	7305.2	6821.5	2841.7
77.5°	765.3	772.4	809.7	927.8	1179.0	2050.6	2263.3	3990.3	5162.3	3964.6	1853.2
80°	278.1	285.1	283.9	351.7	516.5	807.4	899.7	1933.8	3443.4	2088.0	971.0
82.5°	170.6	170.6	164.8	165.9	188.1	309.6	338.9	823.8	1676.7	1028.2	278.1
85°	84.1	88.8	94.6	106.3	126.2	153.1	162.4	236.0	564.4	248.9	66.6
87.5°	50.2	51.4	56.1	67.8	84.1	109.8	116.8	160.1	202.1	167.1	16.4
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°	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8
2.5°	111.0	109.8	104.0	99.3	94.6	90.0	86.5	83.0	83.0	84.1	83.0
5°	111.0	106.3	97.0	88.8	81.8	75.9	70.1	65.4	64.3	64.3	65.4
7.5°	109.8	104.0	91.1	80.6	71.3	63.1	57.3	51.4	50.2	51.4	50.2
10°	108.7	101.7	86.5	73.6	60.8	52.6	44.4	38.6	38.6	38.6	39.7
12.5°	108.7	98.2	81.8	66.6	52.6	43.2	35.1	29.2	28.0	28.0	28.0
15°	107.5	95.8	77.1	58.4	44.4	32.7	25.7	19.9	19.9	19.9	19.9
17.5°	105.2	92.3	71.3	51.4	35.1	24.5	17.5	11.7	11.7	14.0	14.0
20°	102.8	88.8	64.3	42.1	29.2	18.7	11.7	7.0	7.0	10.5	11.7
22.5°	104.0	88.8	59.6	37.4	23.4	14.0	9.3	5.8	4.7	8.2	10.5
25°	105.2	86.5	53.7	32.7	17.5	10.5	7.0	2.3	1.2	2.3	3.5
27.5°	105.2	84.1	46.7	25.7	12.9	8.2	3.5	0.0	0.0	0.0	0.0
30°	104.0	80.6	40.9	21.0	9.3	4.7	1.2	0.0	0.0	0.0	0.0
32.5°	102.8	77.1	37.4	16.4	8.2	2.3	0.0	0.0	0.0	0.0	0.0
35°	104.0	72.4	32.7	12.9	4.7	0.0	0.0	0.0	0.0	0.0	2.3
37.5°	107.5	67.8	28.0	10.5	3.5	0.0	0.0	0.0	0.0	0.0	0.0
40°	112.2	64.3	23.4	8.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	121.5	64.3	21.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	133.2	64.3	17.5	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	148.4	65.4	15.2	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	167.1	67.8	14.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	181.1	65.4	12.9	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	205.6	63.1	11.7	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	238.4	59.6	11.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	271.1	54.9	11.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	308.5	52.6	10.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	509.4	46.7	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	983.8	44.4	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1590.3	44.4	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1672.1	44.4	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1112.4	36.2	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	595.9	32.7	3.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	321.3	30.4	4.7	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	141.4	22.2	5.8	3.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	56.1	15.2	7.0	5.8	4.7	2.3	0.0	0.0	0.0	0.0	0.0
85°	26.9	11.7	9.3	8.2	5.8	3.5	0.0	0.0	0.0	0.0	0.0
87.5°	12.9	11.7	10.5	9.3	8.2	5.8	1.2	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

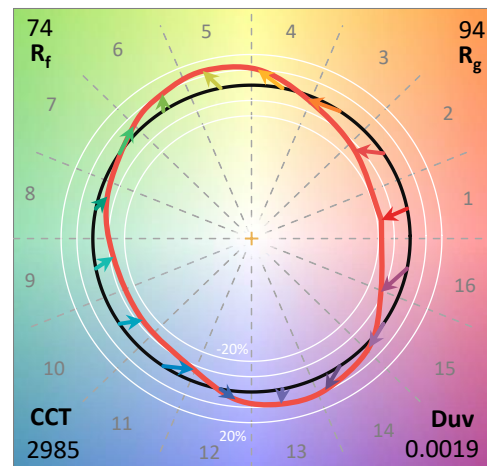
Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

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

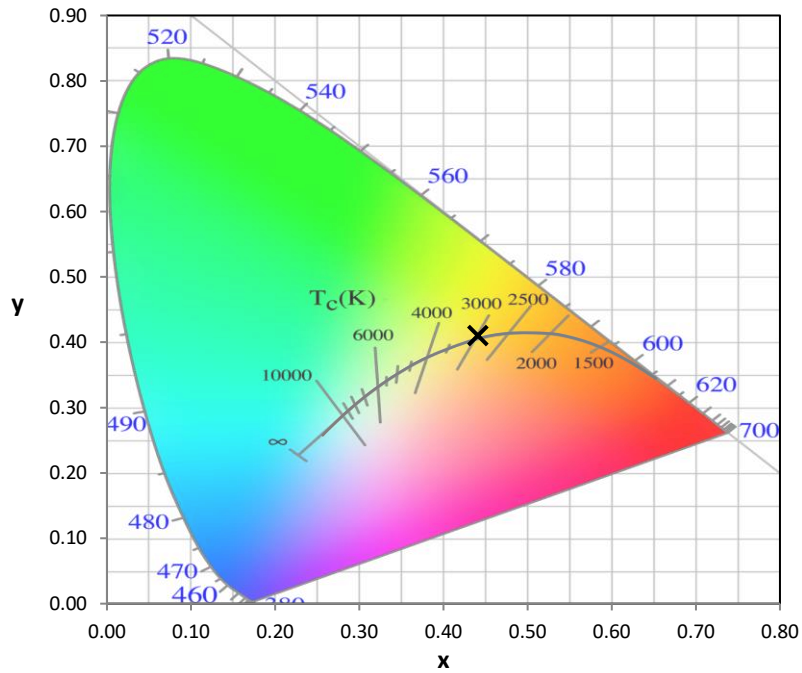
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

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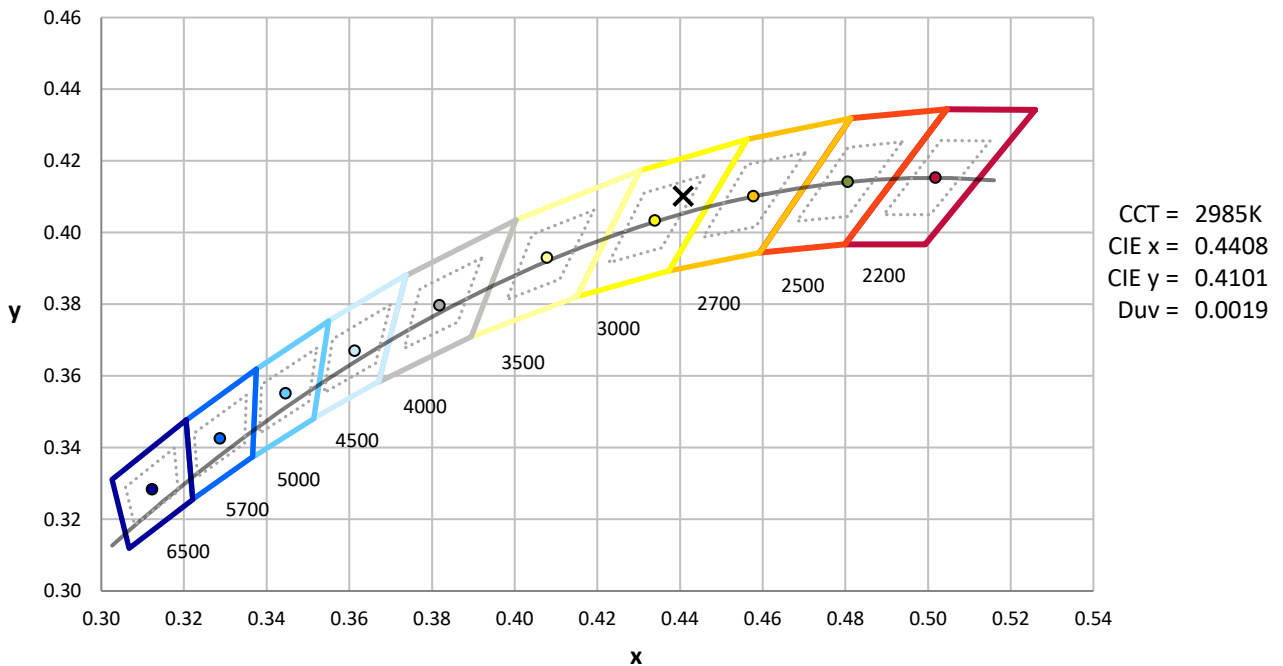
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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Scotopic Flux vs. Wavelength



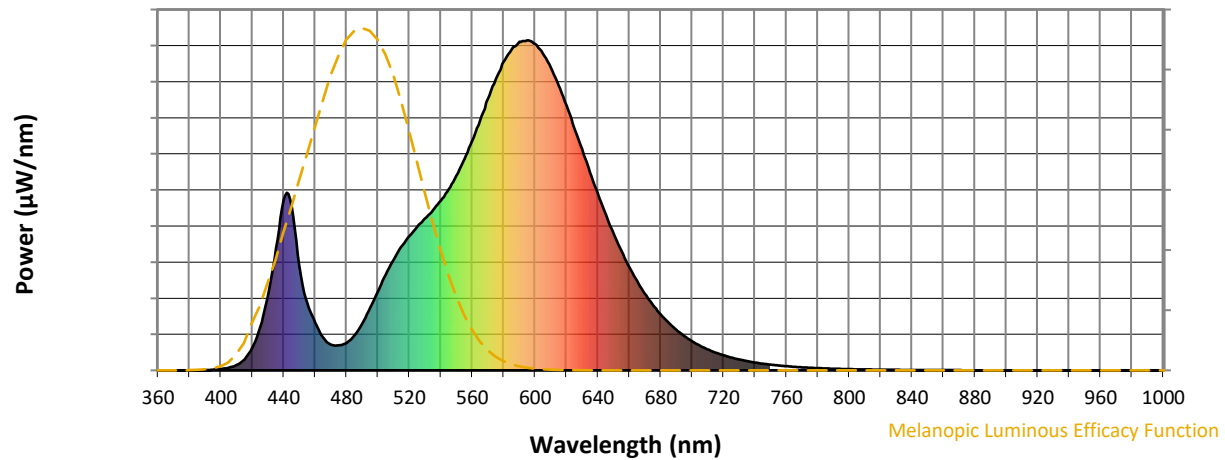
Scotopic Lumens: NR

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

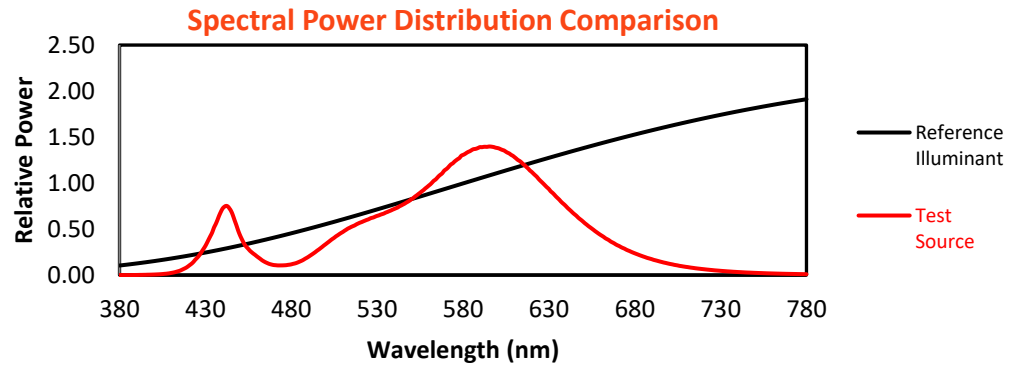
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803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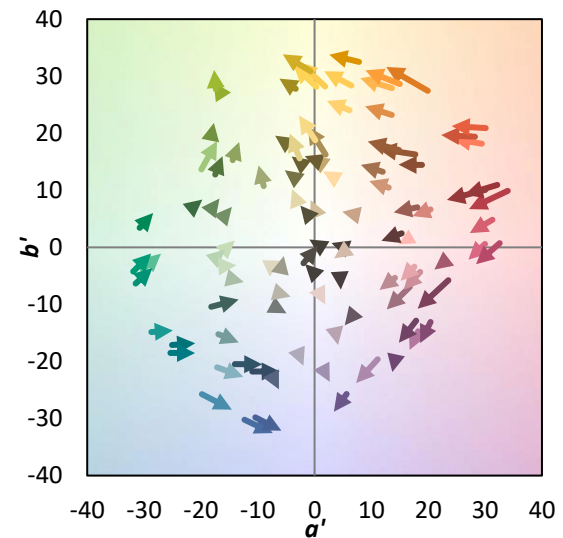
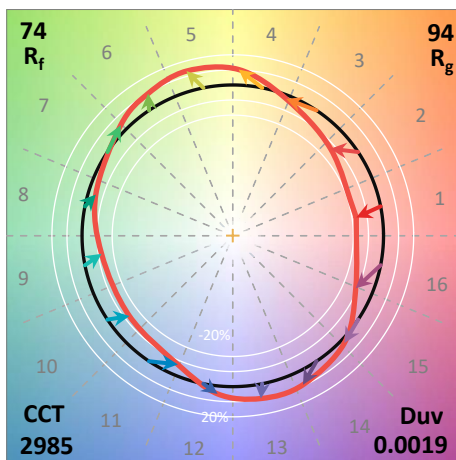
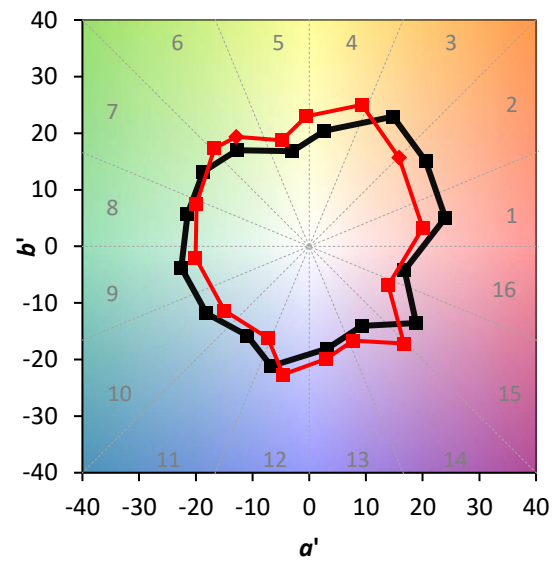
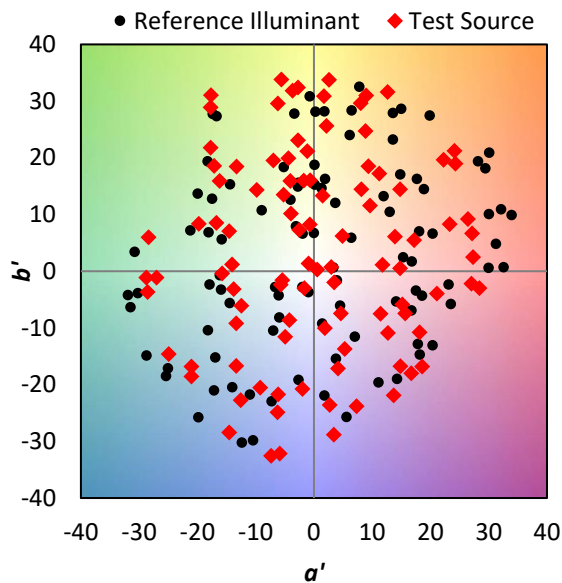
TM-30-18

Summary

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

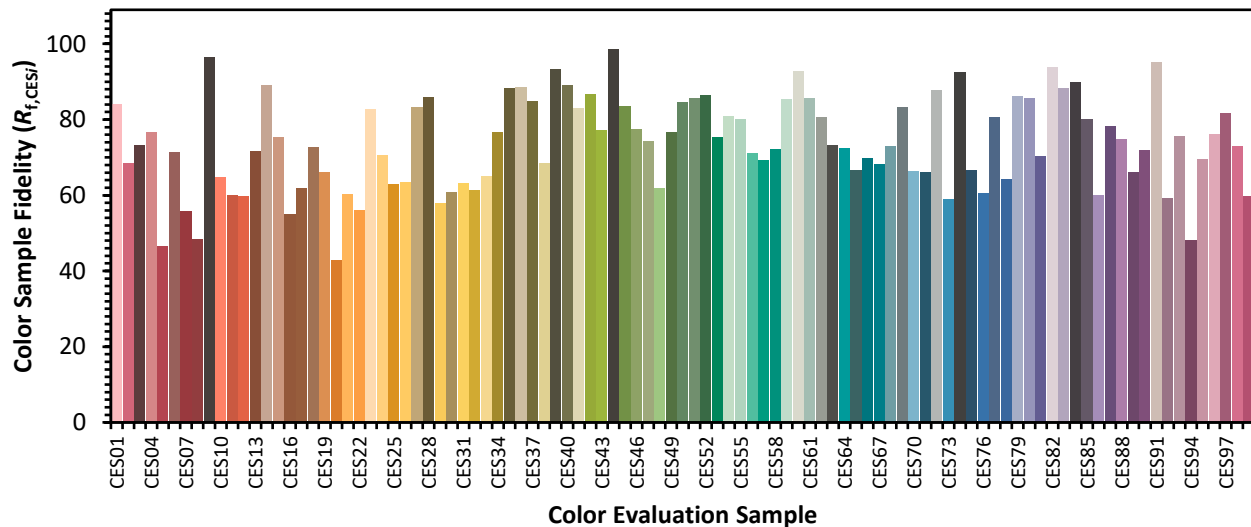


Color Vector Graphics

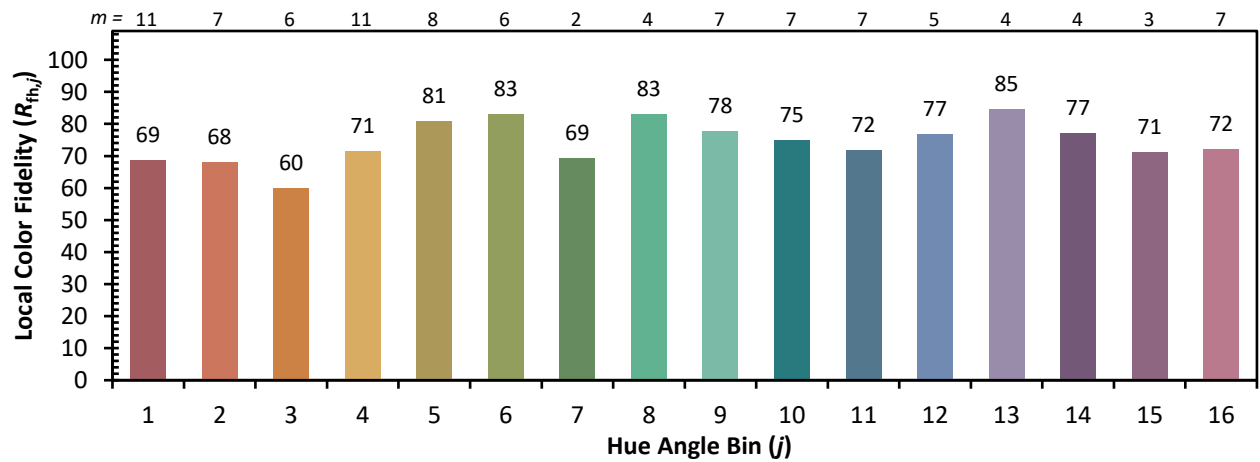
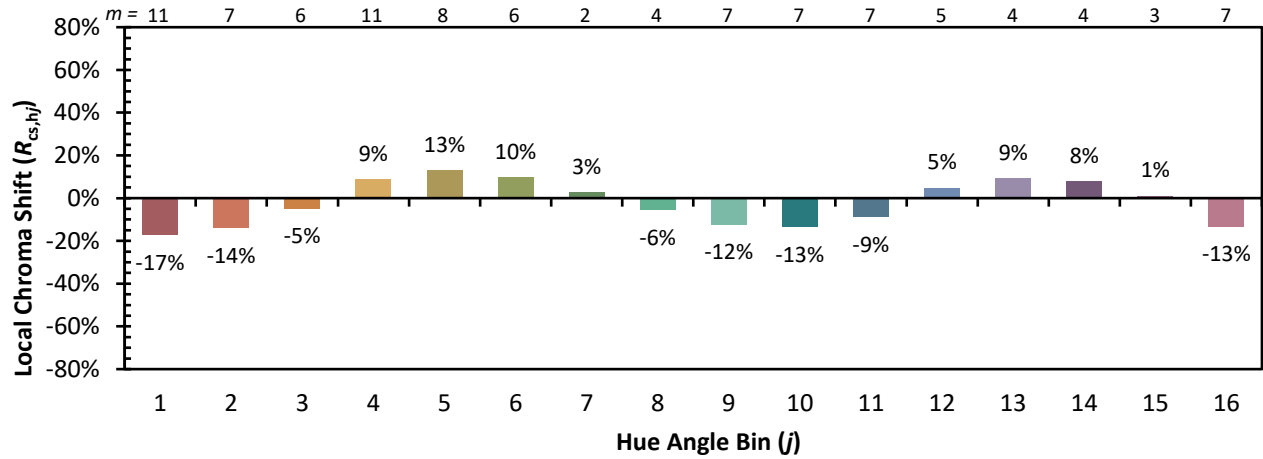


Individual Sample Fidelity Index ($R_{f,i}$)

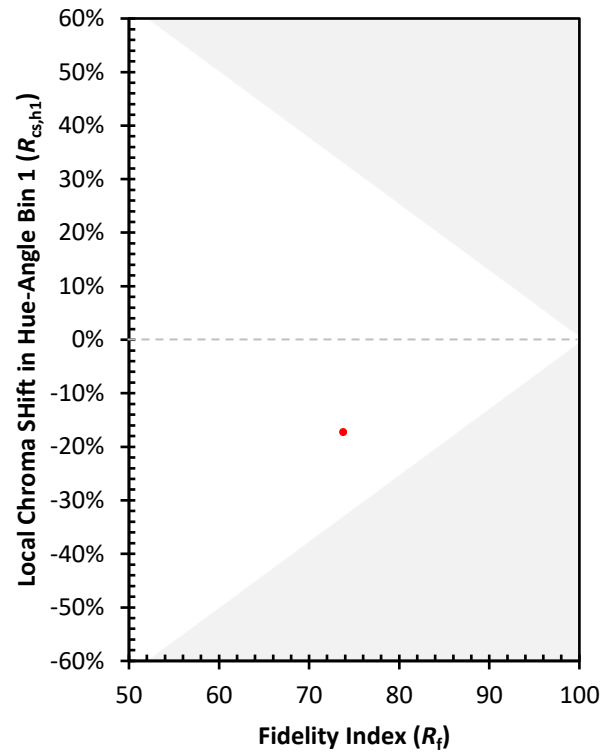
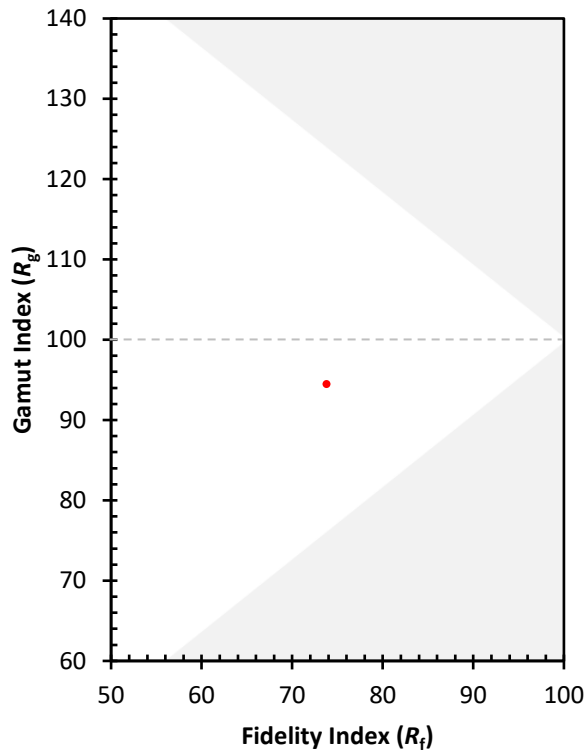
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 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)