

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: P1066277

Luminaire Tested: **NVN-SA5A-730-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066277
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA5A-730-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 5xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (70) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16130.6 lumens
Efficiency: N/A
Efficacy: 117.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 137.4
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

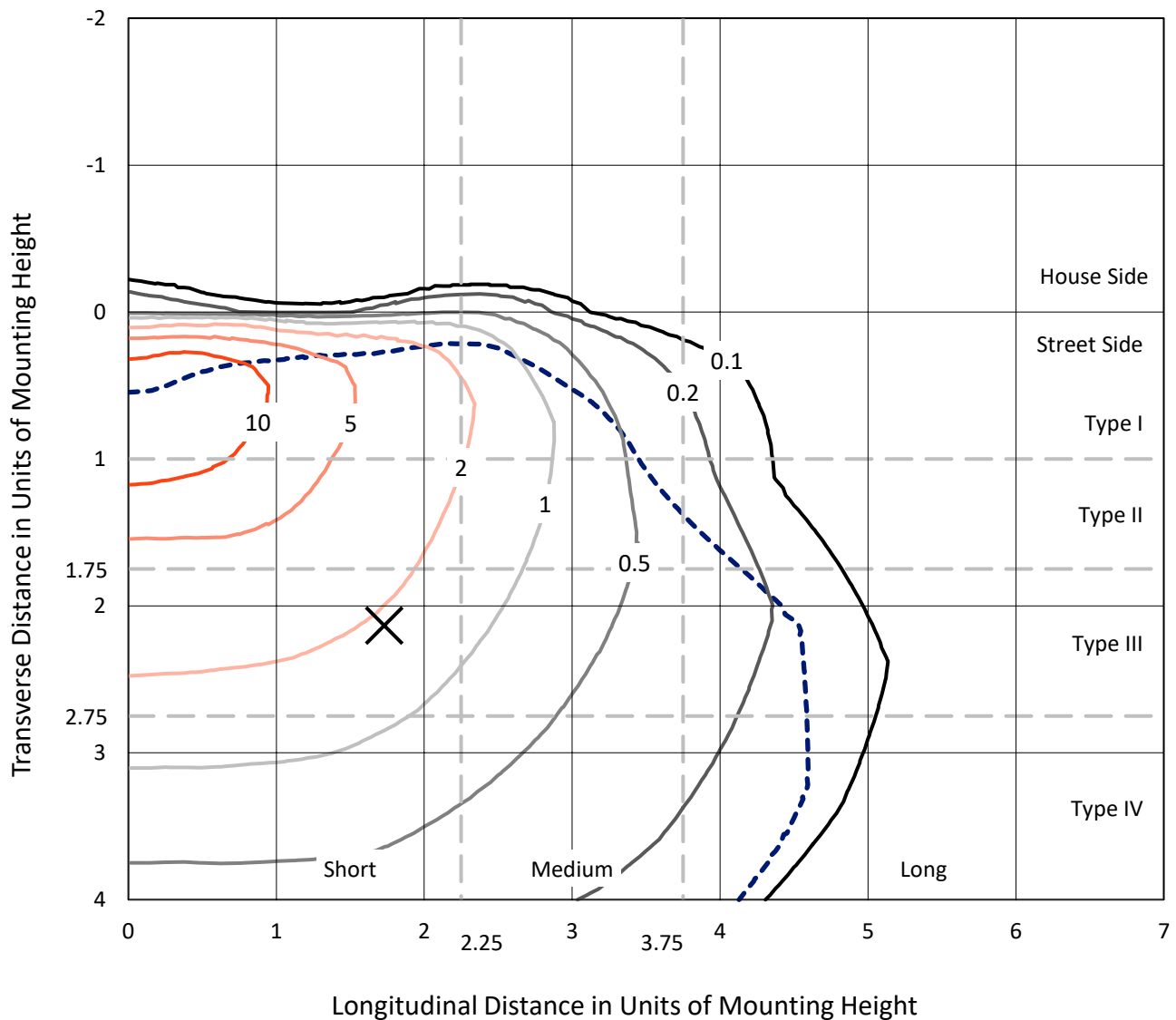


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

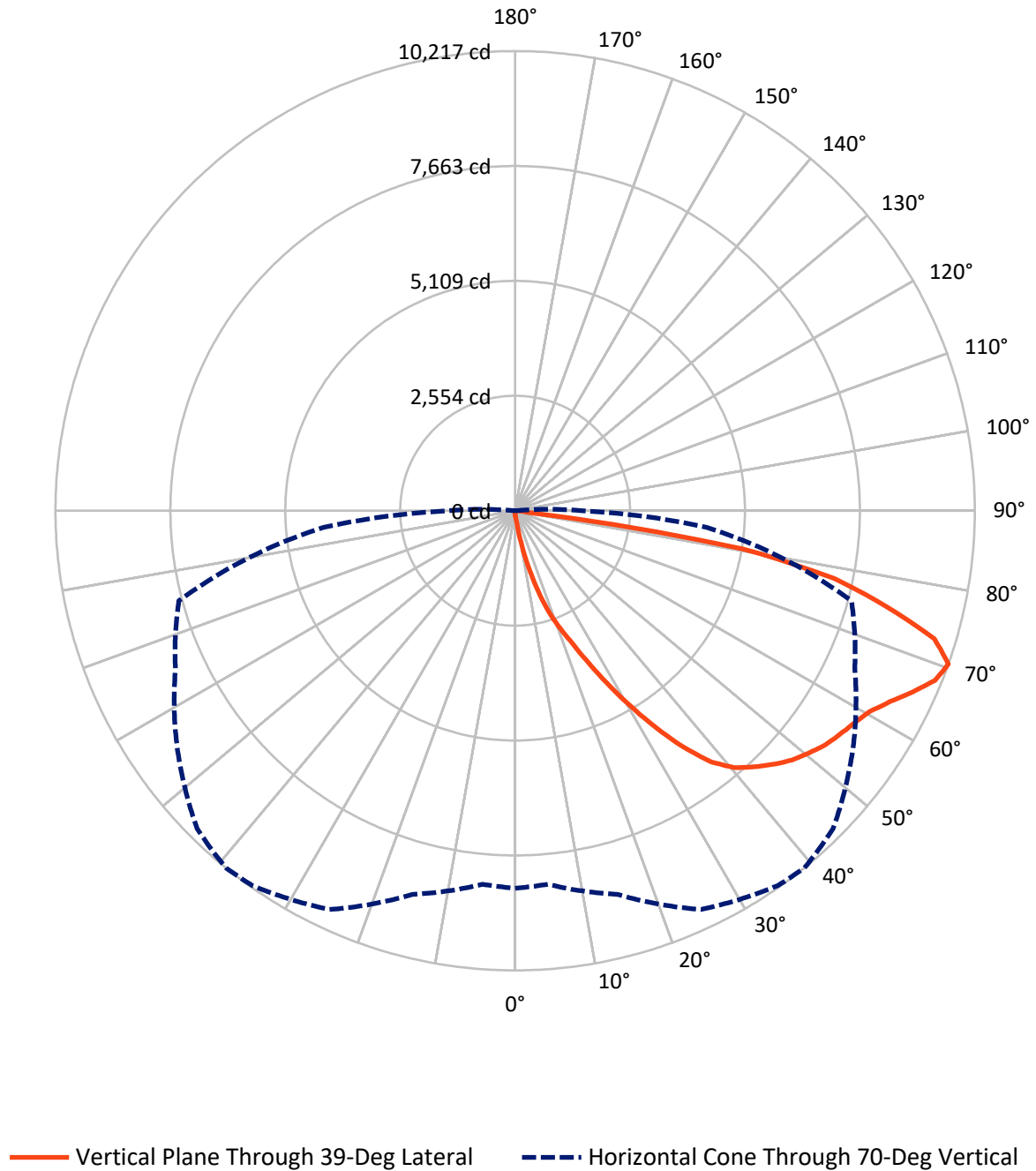


Based on 15 foot mounting height. Maximum calculated value = 17.6 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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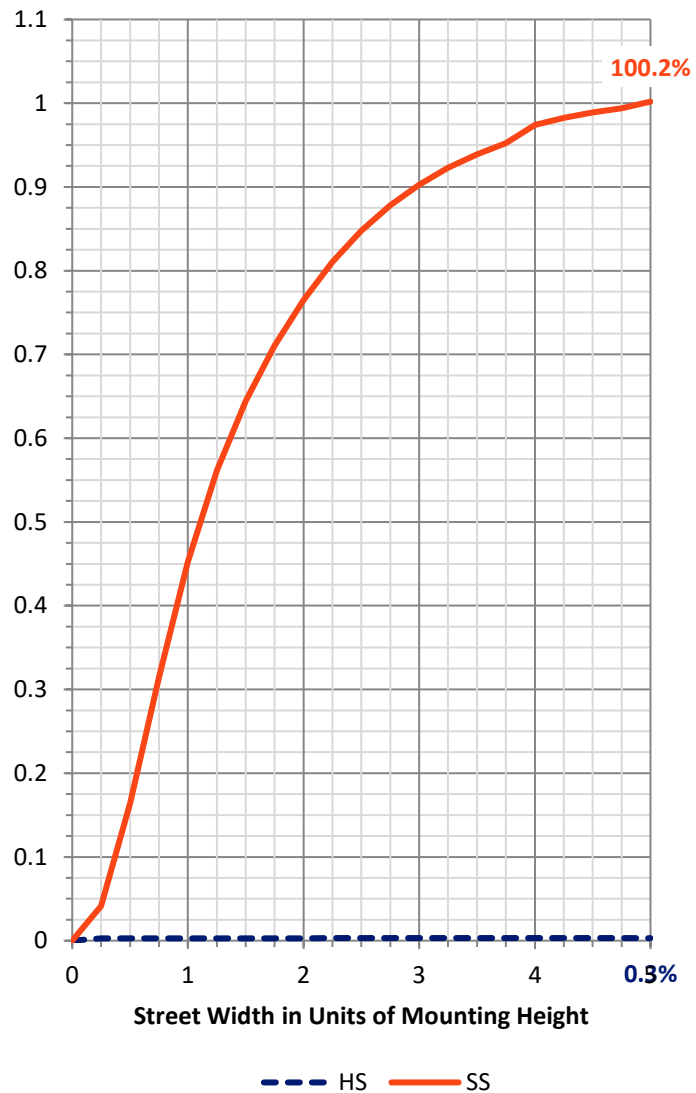
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	49.7	0.0	49.7
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	16080.9	0.0	16080.9
	% Fixture	99.7	0.0	99.7
Total	Lumens	16130.6	0.0	16130.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.0	0.1
10°-20°	198.3	1.2
20°-30°	673.0	4.2
30°-40°	1581.6	9.8
40°-50°	2568.1	15.9
50°-60°	3254.3	20.2
60°-70°	4133.8	25.6
70°-80°	3358.7	20.8
80°-90°	345.8	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°	16130.6	100.0
0°-180°	16130.6	100.0



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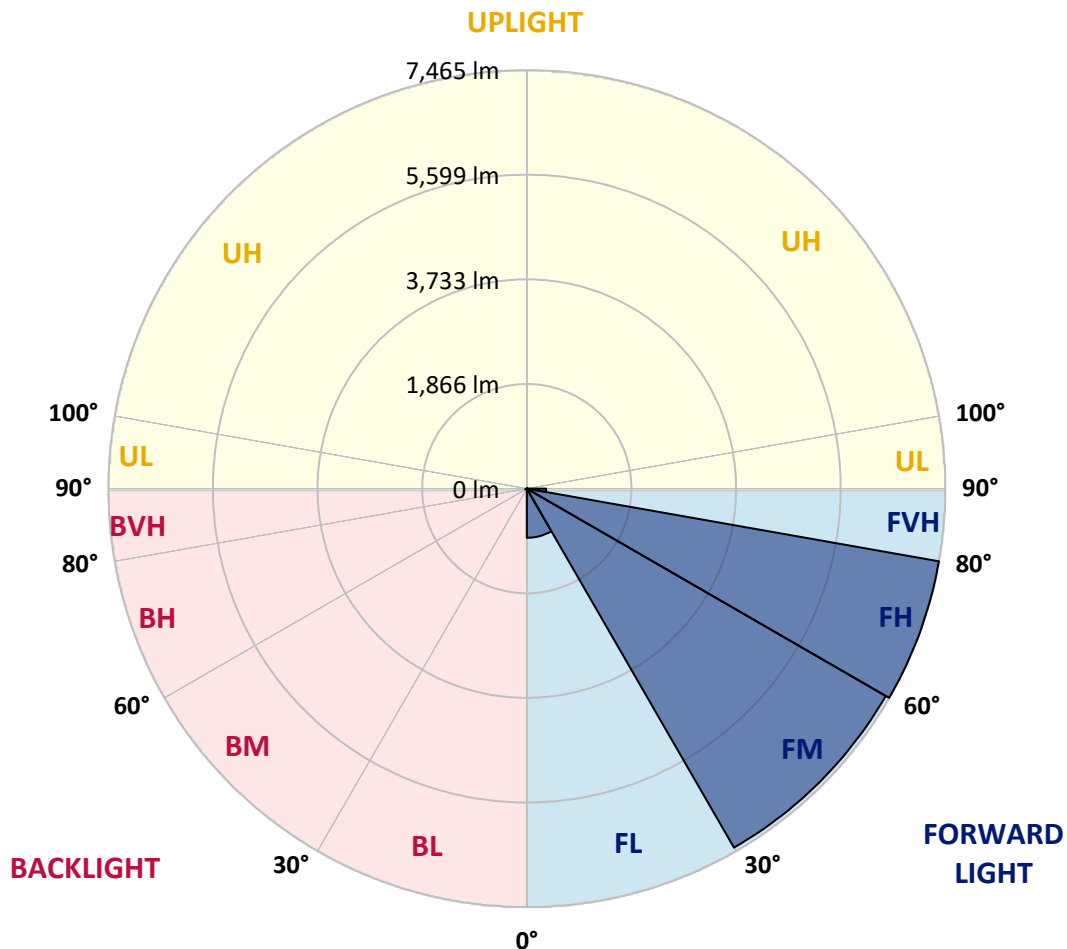
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	877.5	5.4			
FM	(30°-60°)	7394.4	45.8			
FH	(60°-80°)	7465.3	46.3			G3/7500
FVH	(80°-90°)	343.8	2.1			G3/500
BL	(0°-30°)	10.7	0.1	B0/110		
BM	(30°-60°)	9.5	0.1	B0/220		
BH	(60°-80°)	27.3	0.2	B0/110		G0/110
BVH	(80°-90°)	2.1	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 IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
2.5°	113.9	113.9	113.9	109.5	109.5	105.1	105.1	100.7	96.3	96.3	92.0
5°	214.6	219.0	205.8	179.6	162.0	153.3	144.5	122.6	109.5	100.7	92.0
7.5°	586.8	569.3	543.0	455.5	350.4	297.8	254.0	179.6	131.4	105.1	92.0
10°	1235.0	1186.8	1112.4	994.1	788.3	705.1	547.4	328.5	183.9	118.2	92.0
12.5°	1813.1	1821.8	1729.9	1616.0	1366.4	1226.2	1011.6	617.5	289.0	140.1	92.0
15°	2251.0	2242.3	2207.2	2115.3	1891.9	1756.1	1563.4	1037.9	486.1	175.2	96.3
17.5°	2597.0	2562.0	2548.8	2509.4	2364.9	2290.4	2080.2	1528.4	770.8	236.5	100.7
20°	2943.0	2934.2	2921.1	2877.3	2780.9	2728.4	2566.3	2023.3	1147.4	337.2	109.5
22.5°	3446.6	3398.4	3407.2	3310.8	3232.0	3140.0	3008.7	2548.8	1581.0	481.7	122.6
25°	4037.8	4033.4	3963.4	3919.6	3788.2	3687.5	3512.3	3056.8	2062.7	696.3	135.8
27.5°	4734.1	4686.0	4655.3	4580.9	4445.1	4331.2	4090.4	3560.5	2583.9	937.2	153.3
30°	5461.1	5461.1	5404.2	5290.3	5158.9	5018.8	4773.6	4090.4	3100.6	1243.8	175.2
32.5°	6310.7	6328.2	6188.1	6017.3	5846.5	5750.2	5430.5	4690.3	3595.5	1594.1	201.5
35°	7134.1	7112.2	6880.1	6691.7	6564.7	6459.6	6188.1	5347.3	4156.1	2001.4	236.5
37.5°	7922.4	7865.4	7480.0	7212.9	7156.0	7085.9	6814.4	6004.2	4712.2	2452.5	280.3
40°	8487.3	8399.7	8001.2	7633.3	7550.1	7510.7	7300.5	6599.8	5299.1	2956.1	337.2
42.5°	8732.5	8631.8	8355.9	8058.1	7874.2	7782.2	7598.3	7085.9	5885.9	3516.7	420.4
45°	8780.7	8701.9	8504.8	8434.7	8185.1	8045.0	7795.3	7431.9	6433.4	4072.9	534.3
47.5°	8605.5	8570.5	8452.3	8601.2	8474.2	8281.5	7979.3	7690.2	6919.5	4747.3	691.9
50°	8176.4	8150.1	8207.0	8596.8	8684.4	8465.4	8180.7	7891.7	7339.9	5443.6	915.3
52.5°	7598.3	7593.9	7861.0	8482.9	8776.3	8640.6	8377.8	8093.1	7672.7	6118.0	1230.6
55°	6967.6	7042.1	7510.7	8377.8	8828.9	8767.6	8570.5	8272.7	7970.5	6744.3	1738.6
57.5°	6915.1	6884.4	7335.5	8334.0	8859.5	8894.6	8763.2	8461.0	8224.5	7256.7	2417.4
60°	7440.6	7370.5	7541.3	8426.0	8995.3	9056.6	8955.9	8605.5	8478.5	7659.6	3310.8
62.5°	8049.4	7983.7	8071.3	8780.7	9262.5	9350.0	9223.0	8754.4	8684.4	7939.9	4269.9
65°	8535.5	8482.9	8649.3	9310.6	9634.7	9709.2	9621.6	9030.3	8776.3	8167.6	5049.5
67.5°	8614.3	8548.6	8894.6	9665.4	10011.3	10063.9	9993.8	9297.5	8745.7	8185.1	5229.0
70°	8390.9	8334.0	8828.9	9779.2	10173.4	10217.2	9993.8	9170.5	8329.6	7738.4	4274.3
72.5°	7703.4	7747.2	8386.6	9503.3	9950.0	9748.6	9275.6	8531.1	7791.0	6560.4	2999.9
75°	6634.8	6683.0	7532.6	8745.7	8780.7	8535.5	8281.5	7847.9	6972.0	4322.5	2080.2
77.5°	4716.6	4545.8	5815.9	7221.6	7094.6	7252.3	7274.2	6529.7	5837.8	2251.0	1392.7
80°	464.2	394.1	731.4	2071.5	4576.5	5115.2	5325.4	5031.9	4305.0	1007.3	731.4
82.5°	100.7	100.7	109.5	118.2	183.9	275.9	1265.6	3100.6	2780.9	512.4	236.5
85°	56.9	56.9	70.1	83.2	109.5	122.6	144.5	192.7	748.9	183.9	43.8
87.5°	43.8	48.2	56.9	70.1	92.0	100.7	122.6	153.3	188.3	170.8	13.1
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-SA5A-730-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
2.5°	92.0	87.6	83.2	78.8	74.4	74.4	70.1	70.1	70.1	70.1	70.1
5°	87.6	83.2	78.8	70.1	65.7	61.3	56.9	56.9	56.9	56.9	56.9
7.5°	87.6	83.2	74.4	65.7	56.9	52.6	48.2	43.8	43.8	48.2	48.2
10°	87.6	78.8	65.7	56.9	48.2	43.8	39.4	35.0	35.0	35.0	35.0
12.5°	83.2	74.4	61.3	52.6	43.8	35.0	26.3	21.9	21.9	21.9	21.9
15°	78.8	70.1	56.9	43.8	30.7	21.9	17.5	13.1	13.1	13.1	13.1
17.5°	78.8	65.7	52.6	39.4	21.9	13.1	8.8	4.4	4.4	4.4	8.8
20°	78.8	65.7	48.2	30.7	13.1	8.8	8.8	4.4	0.0	4.4	4.4
22.5°	78.8	61.3	39.4	21.9	13.1	8.8	4.4	0.0	0.0	0.0	0.0
25°	83.2	61.3	35.0	17.5	8.8	4.4	0.0	0.0	0.0	0.0	0.0
27.5°	83.2	56.9	30.7	13.1	4.4	0.0	0.0	0.0	0.0	0.0	0.0
30°	87.6	56.9	26.3	8.8	4.4	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	87.6	52.6	17.5	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	87.6	48.2	13.1	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	87.6	43.8	13.1	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	92.0	39.4	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	96.3	35.0	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	100.7	30.7	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	113.9	30.7	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	131.4	30.7	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	157.7	30.7	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	205.8	26.3	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	297.8	26.3	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	499.3	26.3	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	875.9	26.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1480.2	26.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1931.3	30.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1467.1	26.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	700.7	17.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	310.9	17.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	135.8	13.1	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	52.6	8.8	4.4	4.4	4.4	4.4	0.0	0.0	0.0	0.0	0.0
82.5°	21.9	8.8	4.4	4.4	4.4	4.4	4.4	0.0	0.0	0.0	0.0
85°	13.1	8.8	8.8	8.8	4.4	4.4	4.4	0.0	0.0	0.0	0.0
87.5°	8.8	8.8	8.8	8.8	8.8	4.4	4.4	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

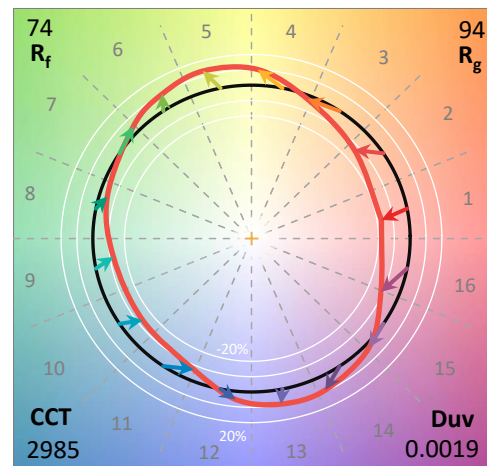
Test Information

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
 CIE u' : 0.2504
 CIE v' : 0.5243
 Duv: 0.0019
 CIE x: 0.4408
 CIE y: 0.4101
 CIE z: 0.1491
 Peak Wavelength (nm): 595
 Dominant Wavelength (nm): 582
 Purity: 55.41818
 R_f: 73.8
 R_g: 94.4

CRI (Ra): 70.8
 R1: 66.3
 R2: 80.6
 R3: 94.5
 R4: 68.2
 R5: 66.5
 R6: 74.7
 R7: 76.2
 R8: 39.6
 R9: -43.2
 R10: 57.6
 R11: 64.8
 R12: 53.5
 R13: 68.7
 R14: 97.0
 R15: 56.4



Test Conditions

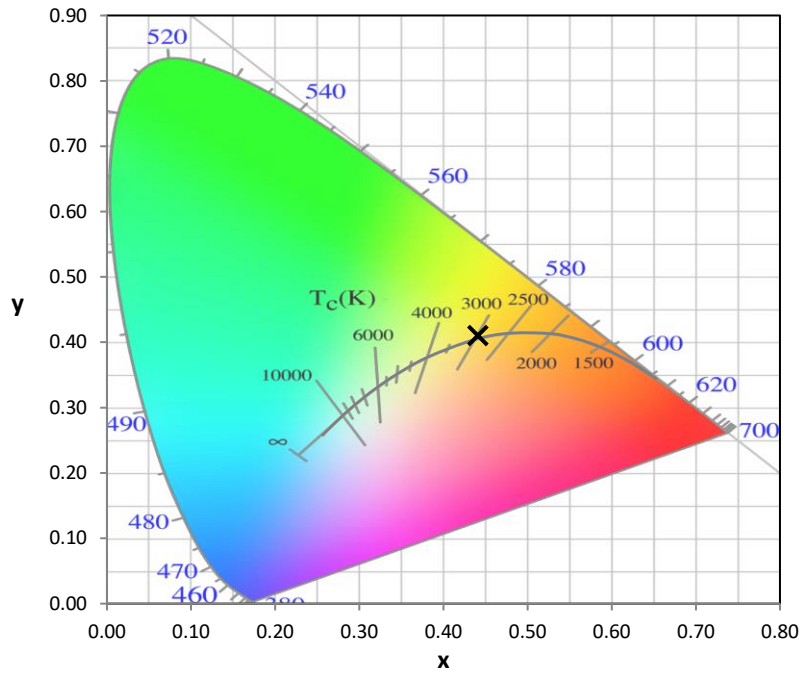
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

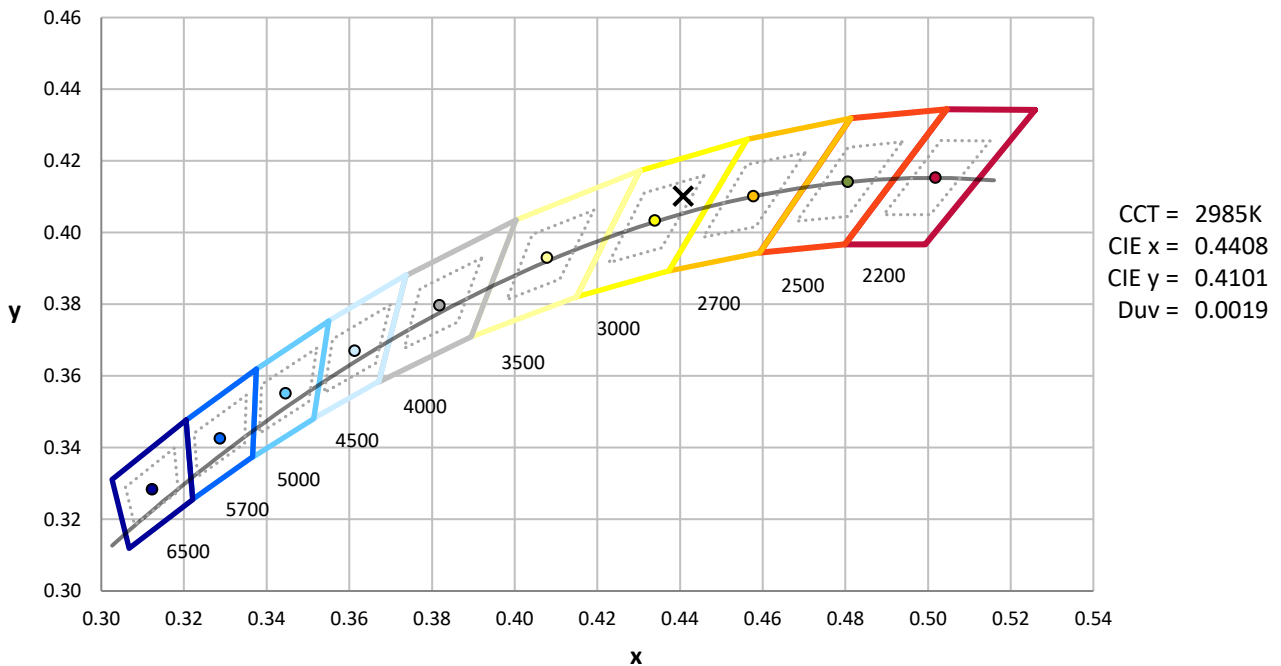
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



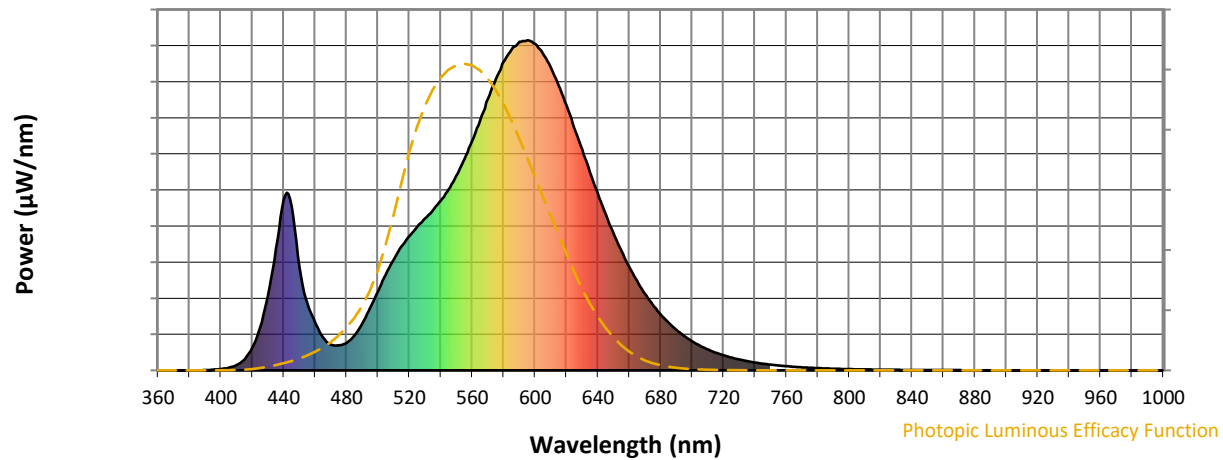
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W ^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	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

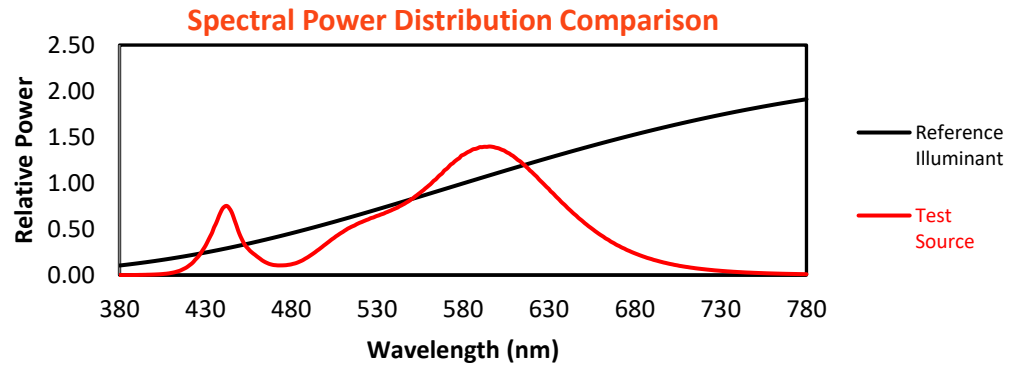
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803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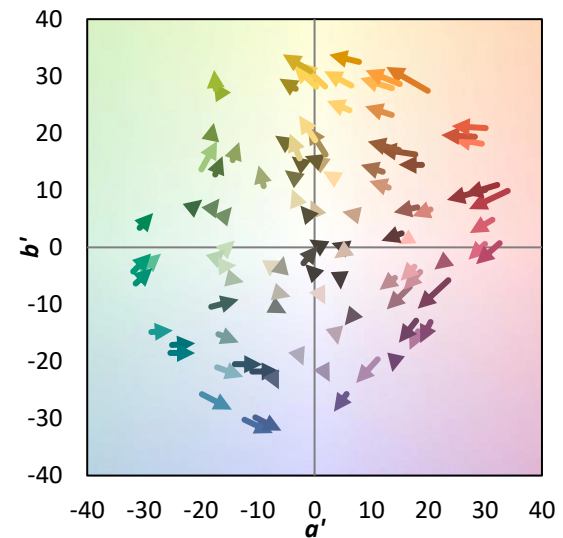
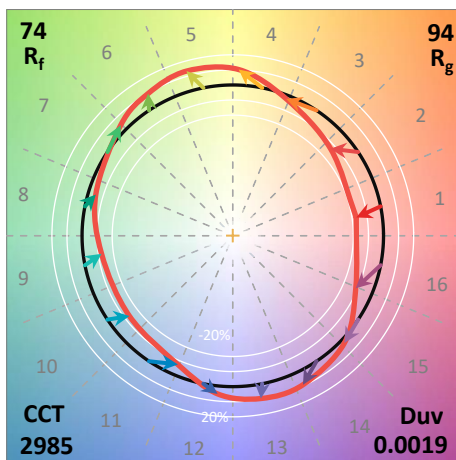
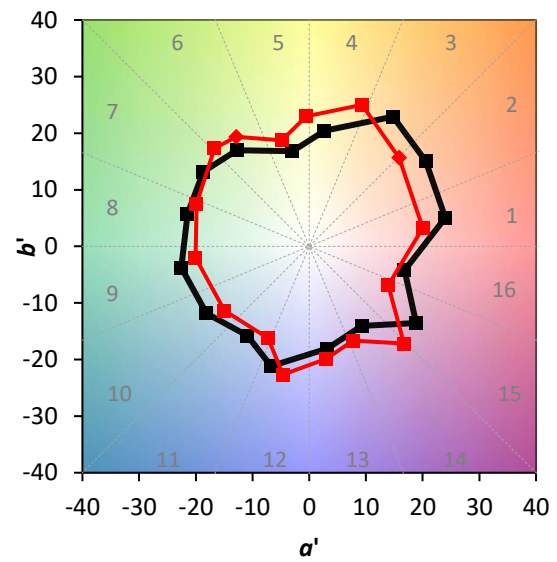
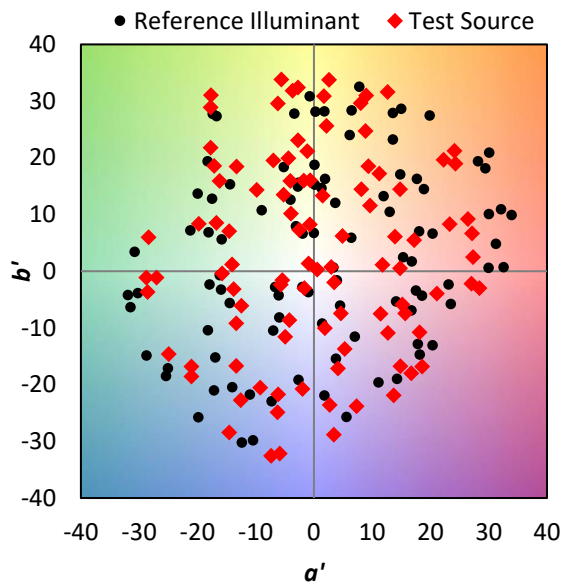
TM-30-18

Summary

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

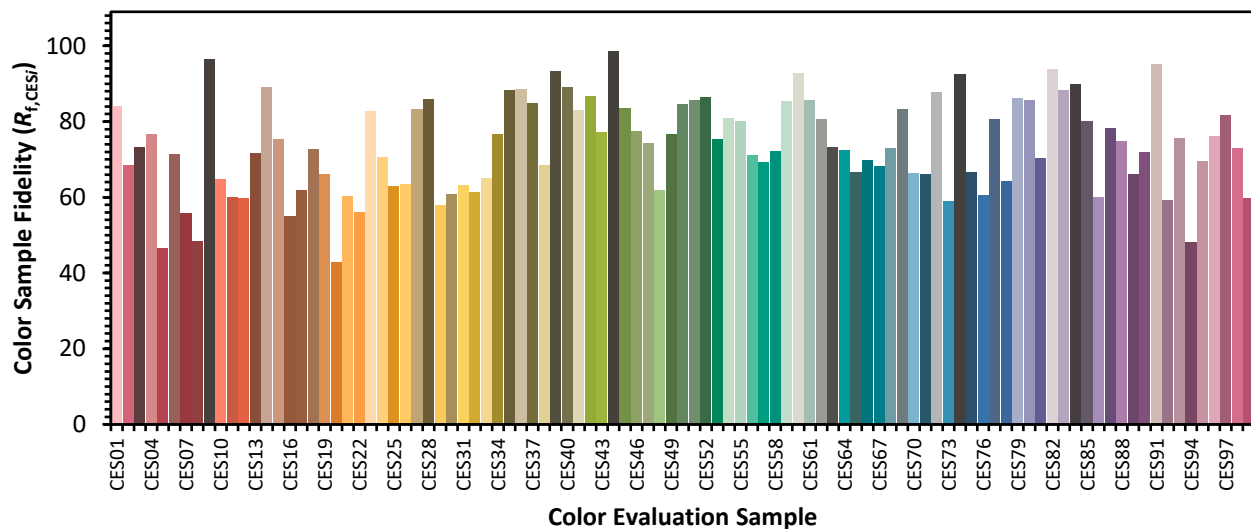


Color Vector Graphics

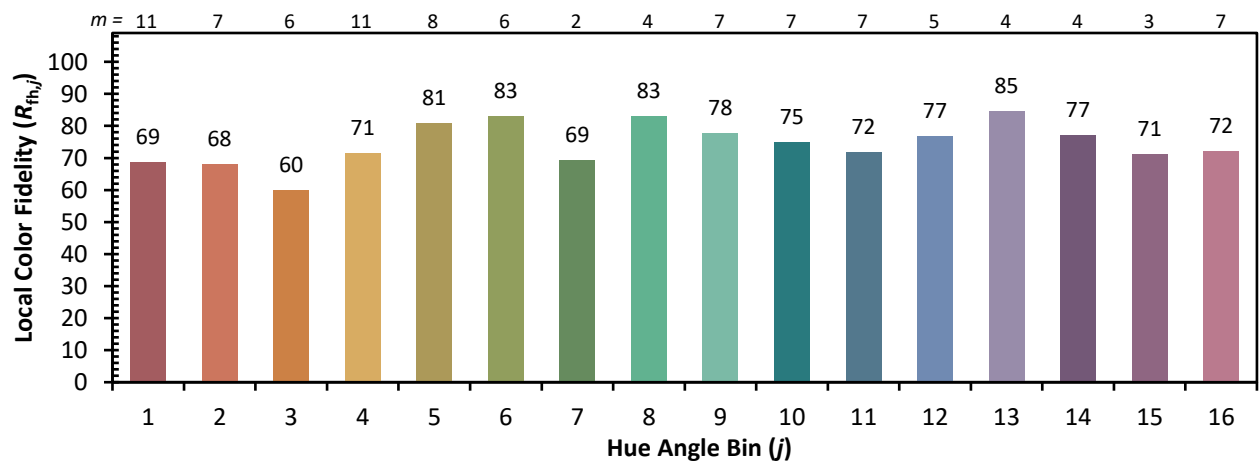
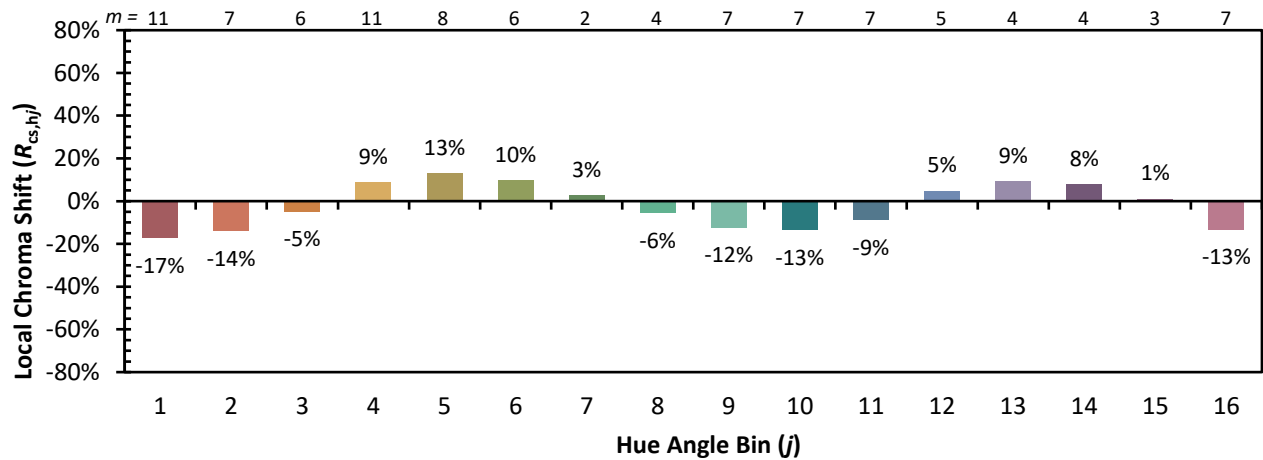


Individual Sample Fidelity Index ($R_{f,i}$)

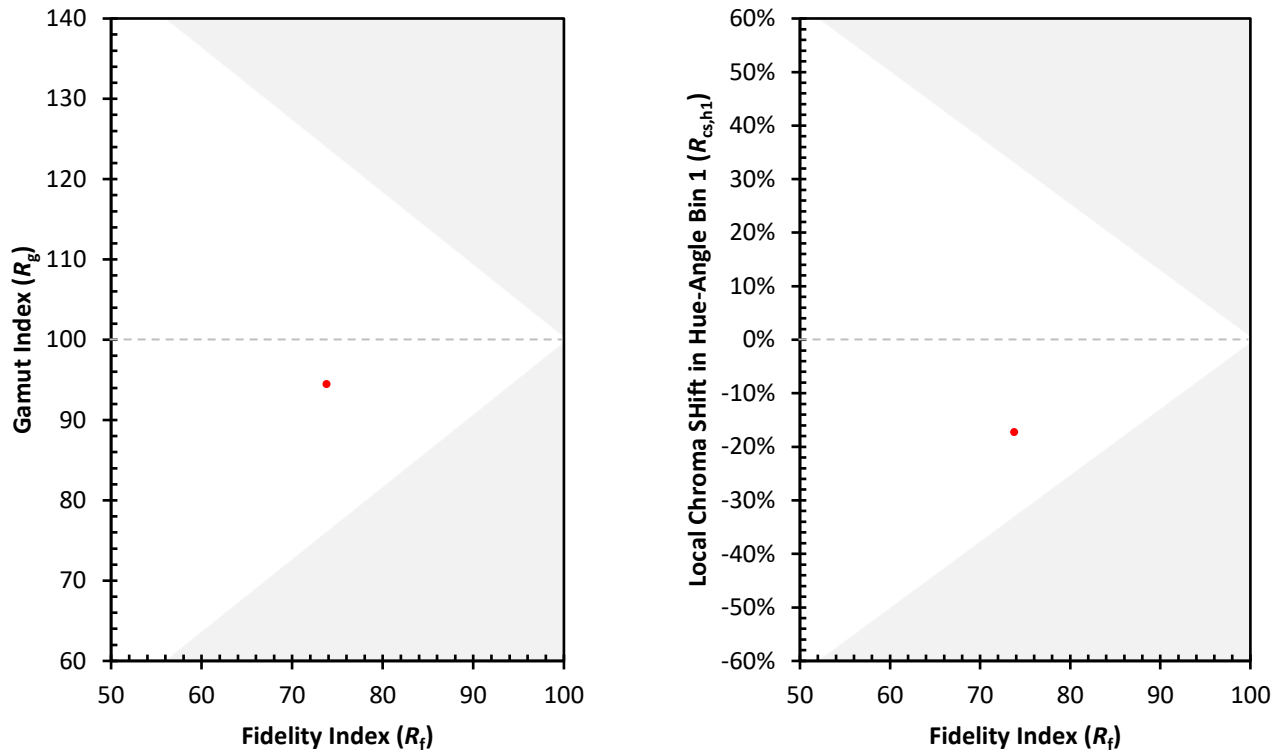
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82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