

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: P1067237

Luminaire Tested: **NAV-SA5A-730-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067237
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA5A-730-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 5xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (70) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15909.5 lumens
Efficiency: N/A
Efficacy: 115.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type II - 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



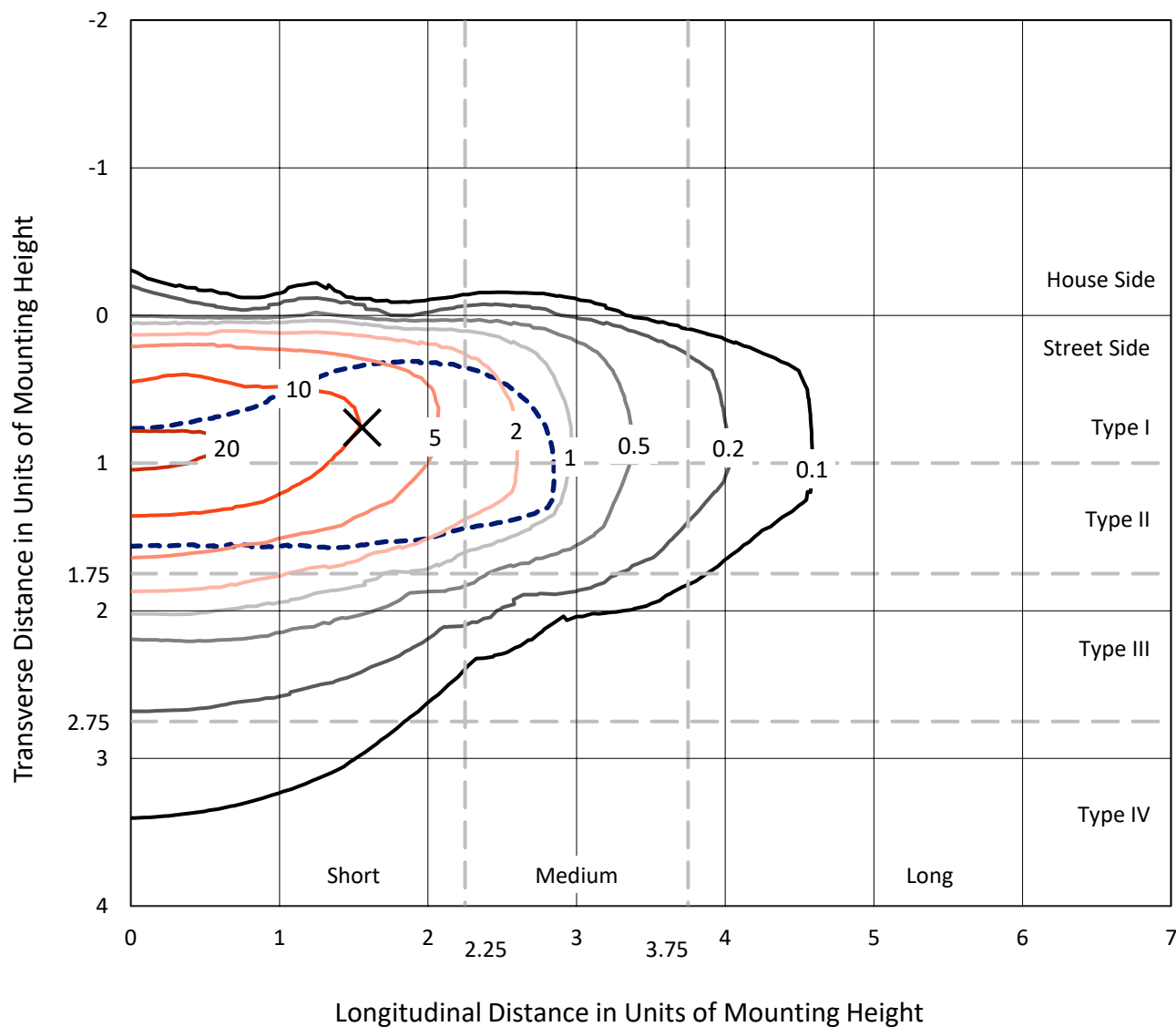
REPORT NUMBER: P1067237

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

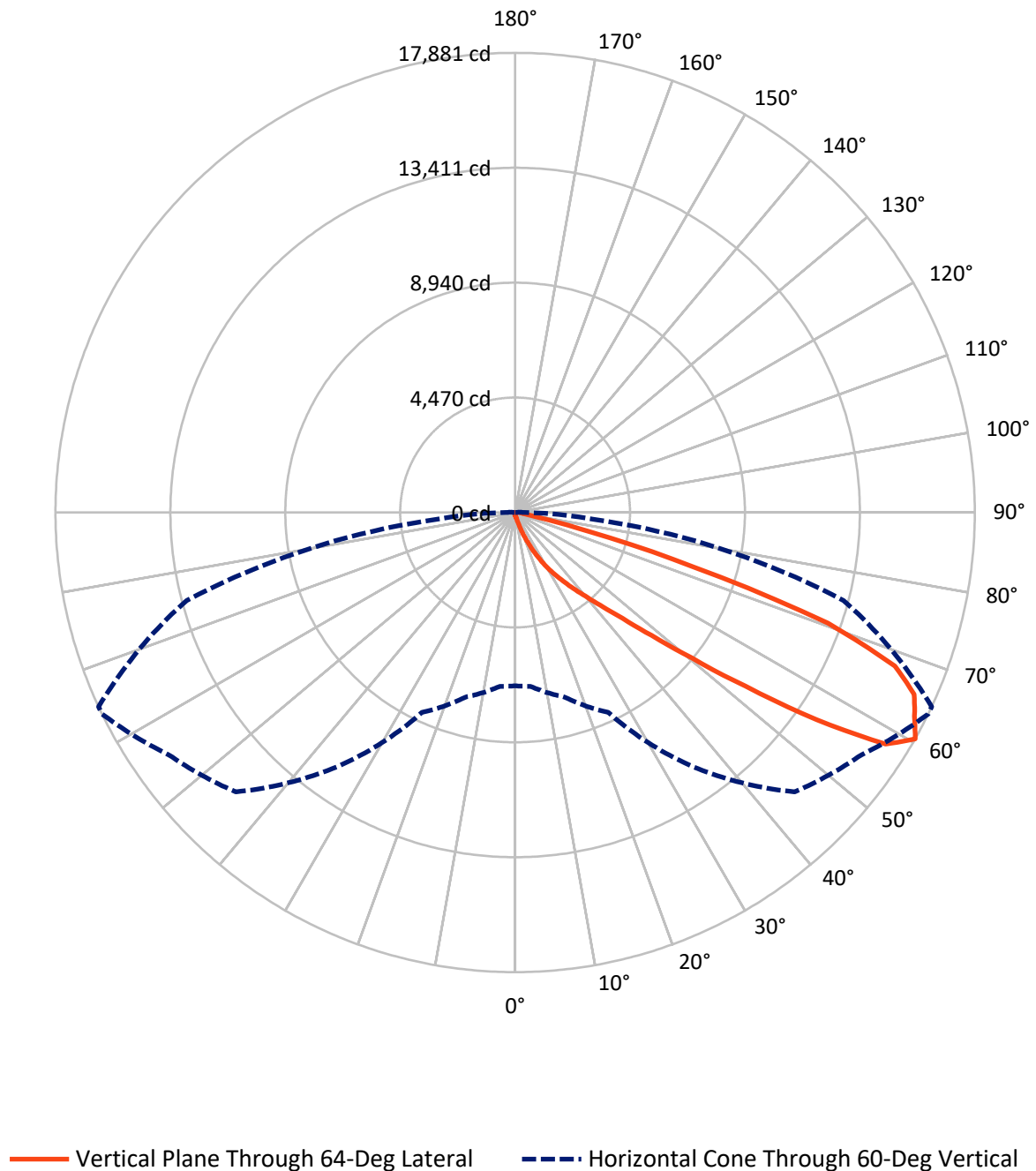


Based on 15 foot mounting height. Maximum calculated value = 22.8 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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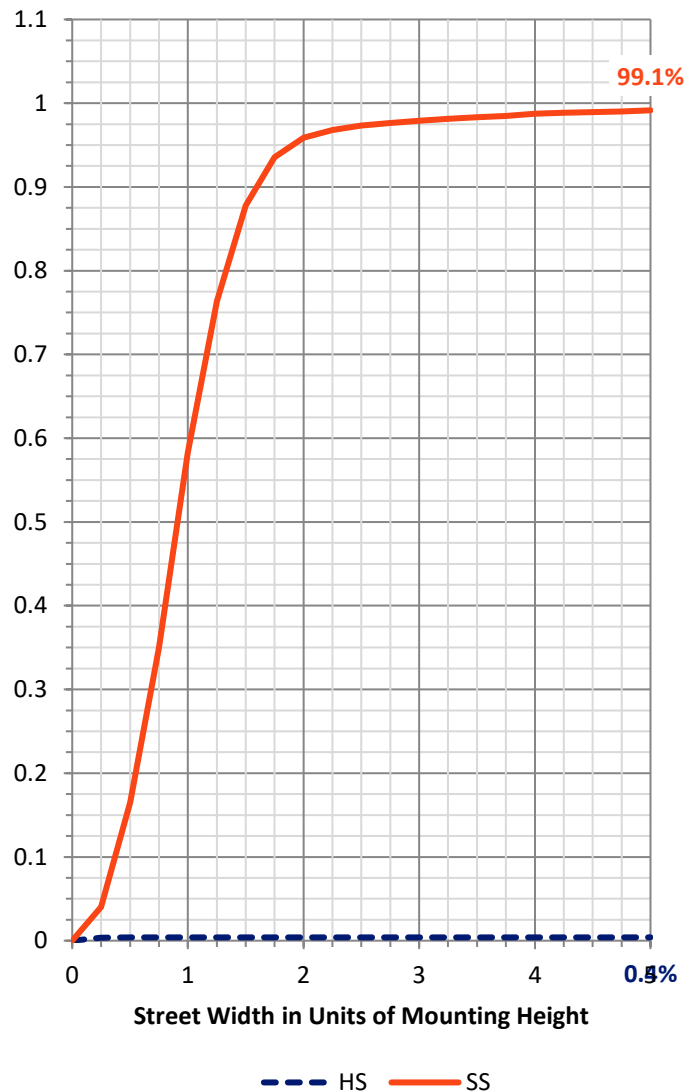
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	64.5	0.0	64.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	15845.0	0.0	15845.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	15909.5	0.0	15909.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.8	0.1
10°-20°	156.3	1.0
20°-30°	519.2	3.3
30°-40°	1385.5	8.7
40°-50°	3521.6	22.1
50°-60°	5133.7	32.3
60°-70°	3965.3	24.9
70°-80°	1088.9	6.8
80°-90°	122.9	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°	15909.5	100.0
0°-180°	15909.5	100.0



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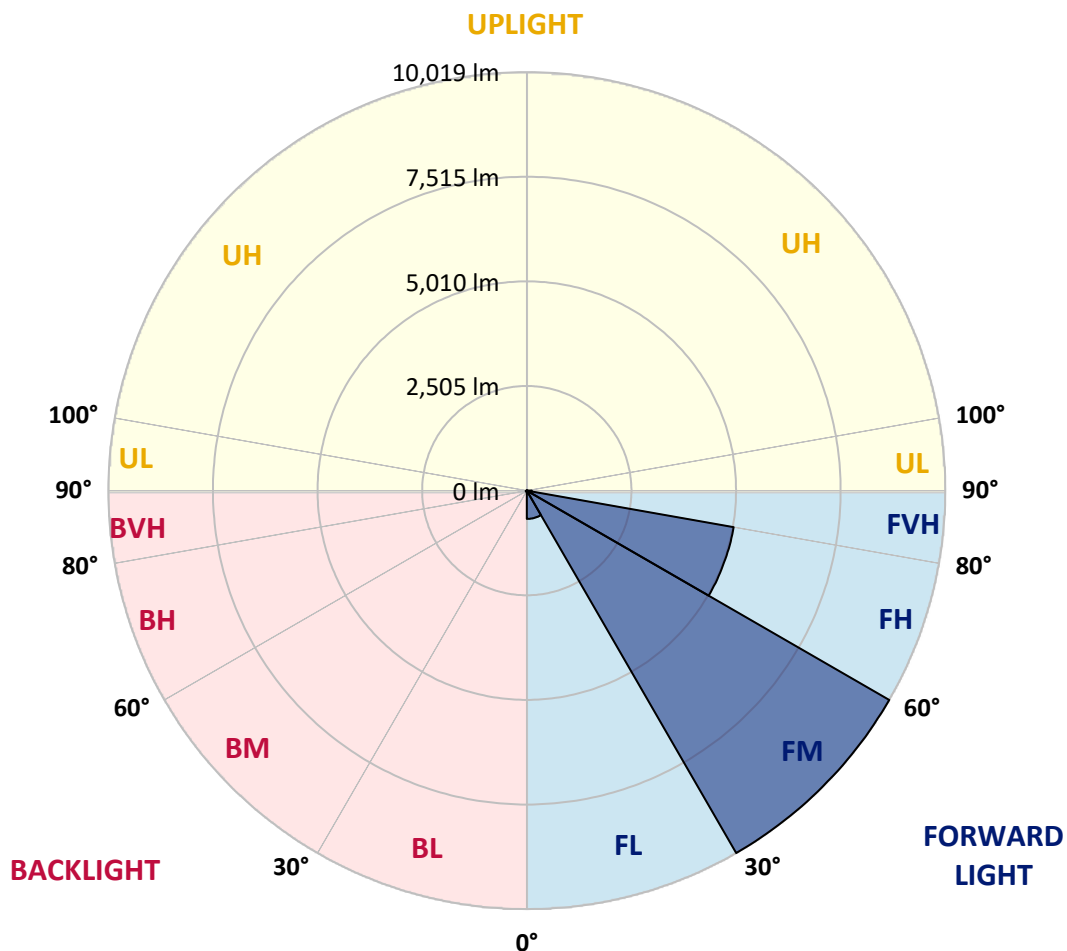
CATALOG NUMBER: NAV-SA5A-730-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	676.9	4.3			
FM	(30°-60°)	10019.5	63.0			
FH	(60°-80°)	5028.5	31.6			G3/7500
FVH	(80°-90°)	120.0	0.8			G2/225
BL	(0°-30°)	14.5	0.1	B0/110		
BM	(30°-60°)	21.4	0.1	B0/220		
BH	(60°-80°)	25.7	0.2	B0/110		G0/110
BVH	(80°-90°)	2.9	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 II Short



REPORT NUMBER: P1067237

CATALOG NUMBER: NAV-SA5A-730-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1
2.5°	140.1	140.1	140.1	135.8	131.4	131.4	127.0	122.6	122.6	113.9	109.5
5°	214.6	214.6	205.8	197.1	183.9	166.4	148.9	135.8	135.8	122.6	113.9
7.5°	420.4	433.6	394.1	346.0	280.3	236.5	188.3	157.7	153.3	131.4	113.9
10°	910.9	902.1	840.8	722.6	569.3	411.7	262.8	192.7	183.9	140.1	113.9
12.5°	1370.7	1383.9	1318.2	1186.8	1002.9	731.3	451.1	249.6	240.9	153.3	113.9
15°	1764.9	1764.9	1721.1	1655.4	1453.9	1169.3	727.0	372.2	341.6	166.4	109.5
17.5°	2036.4	2032.0	2014.5	1997.0	1878.7	1585.3	1112.3	595.6	525.5	197.1	109.5
20°	2342.9	2329.8	2351.7	2316.7	2224.7	1992.6	1519.6	884.6	818.9	249.6	109.5
22.5°	2662.6	2675.8	2693.3	2658.2	2557.5	2356.1	1948.8	1256.9	1186.8	346.0	113.9
25°	3069.9	3061.1	3100.6	3069.9	2942.9	2706.4	2351.7	1664.1	1563.4	481.7	122.6
27.5°	3569.1	3551.6	3577.9	3499.1	3332.7	3091.8	2710.8	2080.2	1961.9	691.9	140.1
30°	4230.4	4243.6	4125.3	4033.3	3796.9	3477.2	3109.3	2526.9	2404.2	941.6	157.7
32.5°	5272.7	5180.7	4996.8	4624.6	4313.6	3906.3	3507.8	2916.6	2807.1	1261.2	183.9
35°	6897.4	6914.9	6512.0	5592.4	4918.0	4445.0	3945.8	3345.8	3267.0	1624.7	219.0
37.5°	8876.9	8828.7	8474.0	7313.4	5802.6	5115.0	4445.0	3814.4	3700.5	2018.9	262.8
40°	11119.1	10917.6	10711.8	9923.5	7646.3	5955.9	5075.6	4357.4	4269.8	2474.3	332.8
42.5°	12914.6	12862.0	12897.1	12568.6	10720.6	7387.9	5912.1	5023.1	4918.0	3039.2	455.4
45°	13799.2	13724.8	13935.0	14180.2	13707.2	10435.9	7260.9	5872.7	5732.5	3704.9	643.8
47.5°	13562.7	13510.2	13961.2	14443.0	15073.6	13970.0	9463.7	7142.7	6901.8	4558.9	924.0
50°	12397.8	12402.2	13142.3	14040.1	15038.5	15761.1	12726.3	8881.2	8579.1	5693.1	1362.0
52.5°	11263.6	11298.6	12082.5	13391.9	14517.4	15971.3	15590.3	11224.2	10733.7	7028.8	1878.7
55°	10098.7	10116.2	10808.1	12651.8	14272.2	15345.1	17061.8	14241.5	13720.4	8692.9	2382.3
57.5°	8977.6	8977.6	9236.0	10873.8	14005.0	15288.2	16886.6	17000.5	16575.7	10593.6	2754.6
60°	6744.1	6787.9	7431.7	8579.1	12078.1	15371.4	16439.9	17880.7	17880.7	13229.9	3039.2
62.5°	3407.1	3472.8	4274.2	5390.9	8285.7	14224.0	16510.0	17438.4	17508.5	15555.3	3687.4
65°	1598.4	1672.9	2102.1	2890.3	4458.1	10011.1	15783.0	17061.8	17039.9	15113.0	5053.7
67.5°	1147.4	1169.3	1313.8	1686.0	2399.9	4388.1	12047.5	15936.3	15945.1	12840.1	5811.3
70°	1029.1	1029.1	1064.2	1173.7	1445.2	1961.9	5855.1	12905.8	13532.1	9914.8	5386.6
72.5°	1016.0	1007.2	998.5	1002.9	976.6	985.3	2010.1	7287.2	8180.6	6936.8	4296.1
75°	989.7	989.7	981.0	950.3	779.5	635.0	691.9	2947.3	3407.1	4633.3	3188.1
77.5°	783.9	862.7	954.7	897.8	713.8	477.3	402.9	854.0	1077.3	2842.2	2312.3
80°	363.5	367.9	363.5	381.0	455.4	341.6	297.8	416.0	420.4	1576.6	1432.0
82.5°	262.8	267.1	254.0	227.7	201.4	183.9	245.2	306.6	328.4	722.6	534.3
85°	78.8	74.4	87.6	118.2	140.1	162.0	205.8	258.4	271.5	267.1	78.8
87.5°	35.0	35.0	43.8	61.3	83.2	122.6	179.6	236.5	240.9	275.9	21.9
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: NAV-SA5A-730-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1
2.5°	109.5	105.1	100.7	96.3	92.0	87.6	83.2	83.2	87.6	87.6	87.6
5°	105.1	100.7	92.0	83.2	78.8	74.4	70.1	70.1	74.4	74.4	74.4
7.5°	105.1	96.3	87.6	78.8	70.1	65.7	61.3	61.3	61.3	65.7	65.7
10°	105.1	96.3	83.2	70.1	61.3	56.9	52.6	48.2	52.6	52.6	52.6
12.5°	100.7	92.0	78.8	65.7	52.6	43.8	39.4	39.4	39.4	39.4	39.4
15°	96.3	87.6	74.4	56.9	43.8	35.0	26.3	26.3	26.3	30.7	30.7
17.5°	92.0	83.2	65.7	43.8	30.7	21.9	17.5	17.5	17.5	21.9	21.9
20°	92.0	78.8	56.9	35.0	21.9	13.1	8.8	8.8	8.8	13.1	17.5
22.5°	92.0	78.8	52.6	26.3	13.1	8.8	4.4	4.4	4.4	4.4	4.4
25°	92.0	74.4	48.2	21.9	8.8	4.4	0.0	0.0	4.4	8.8	13.1
27.5°	92.0	70.1	39.4	13.1	8.8	4.4	0.0	4.4	8.8	8.8	8.8
30°	92.0	70.1	35.0	13.1	4.4	0.0	0.0	4.4	8.8	8.8	13.1
32.5°	96.3	65.7	30.7	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	100.7	61.3	26.3	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	109.5	61.3	17.5	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	122.6	65.7	17.5	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	153.3	70.1	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	214.6	87.6	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	315.3	131.4	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	459.8	179.6	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	564.9	179.6	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	560.6	113.9	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	429.2	78.8	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	363.5	56.9	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	437.9	43.8	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	779.5	39.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1252.5	39.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1401.4	39.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1094.8	35.0	4.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	600.0	30.7	4.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	302.2	21.9	8.8	4.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0
80°	127.0	17.5	8.8	4.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	43.8	17.5	8.8	8.8	4.4	4.4	0.0	0.0	0.0	0.0	0.0
85°	21.9	13.1	13.1	8.8	8.8	4.4	4.4	0.0	0.0	0.0	0.0
87.5°	13.1	13.1	13.1	8.8	8.8	4.4	4.4	0.0	0.0	0.0	4.4
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

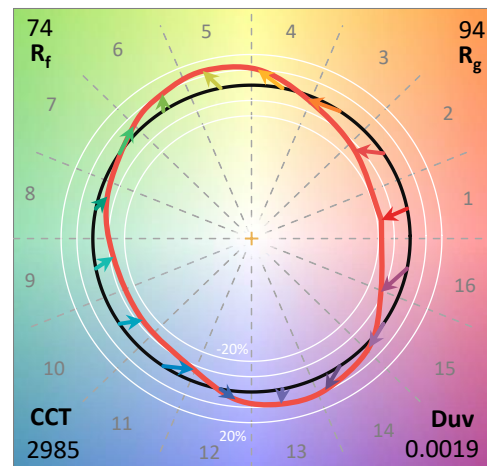
Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

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

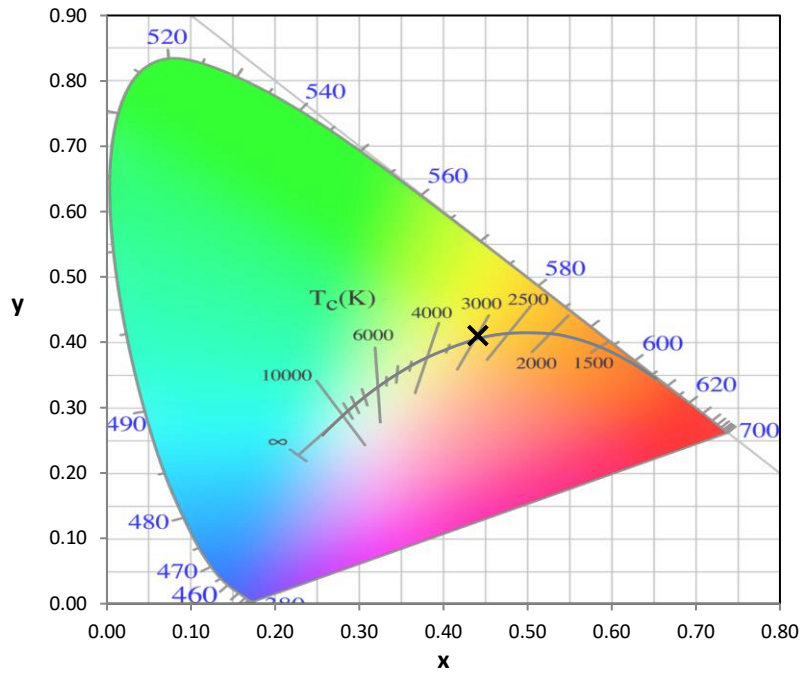
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

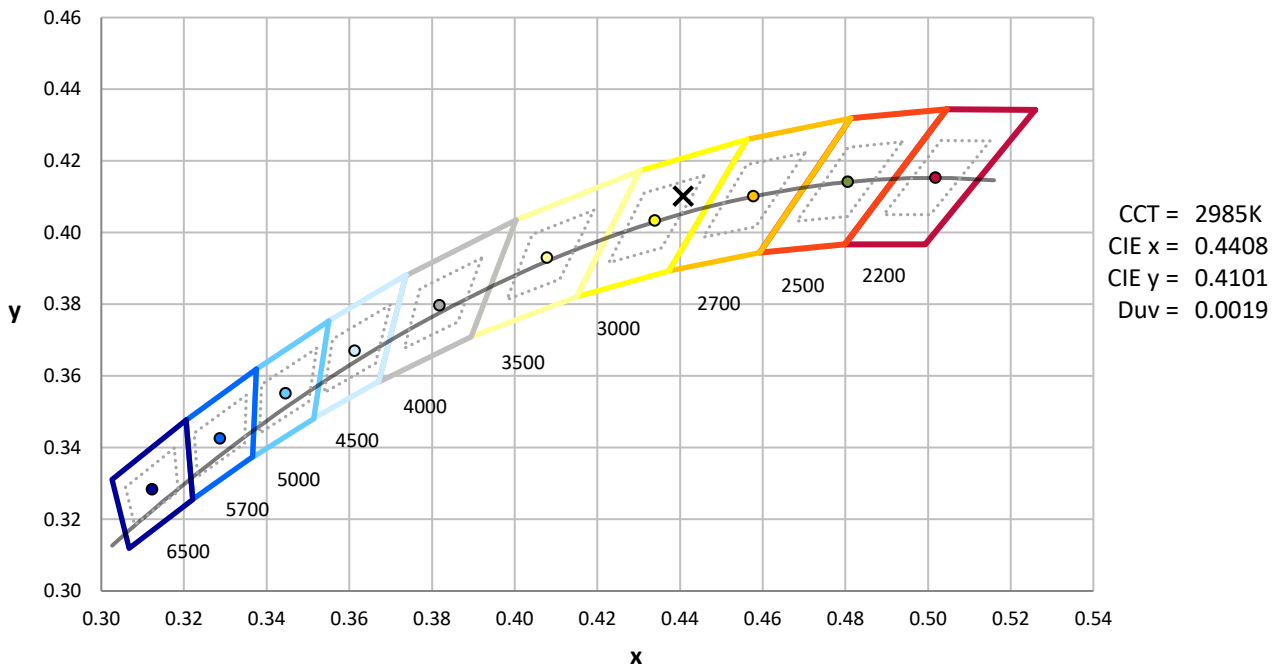
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



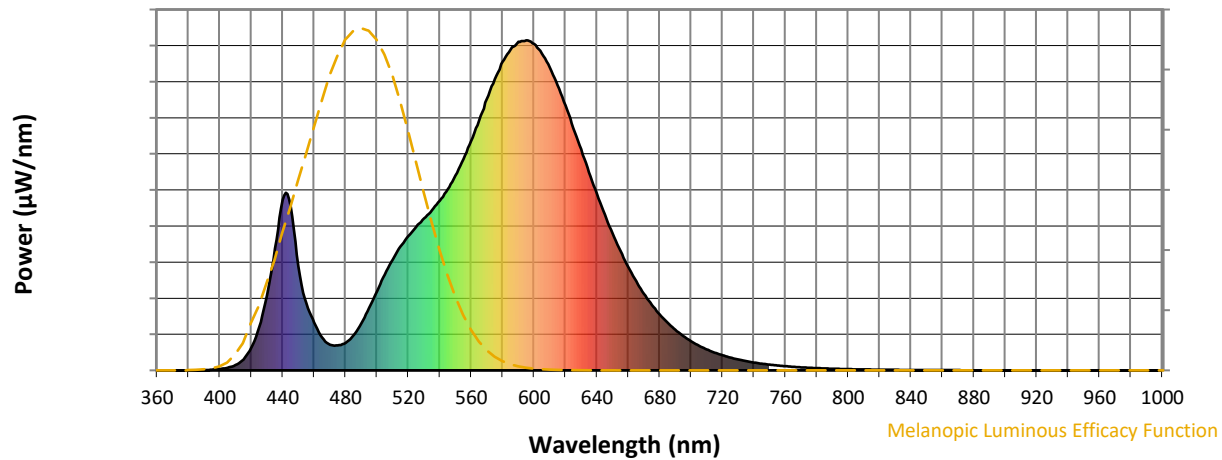
Scotopic Lumens: NR

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

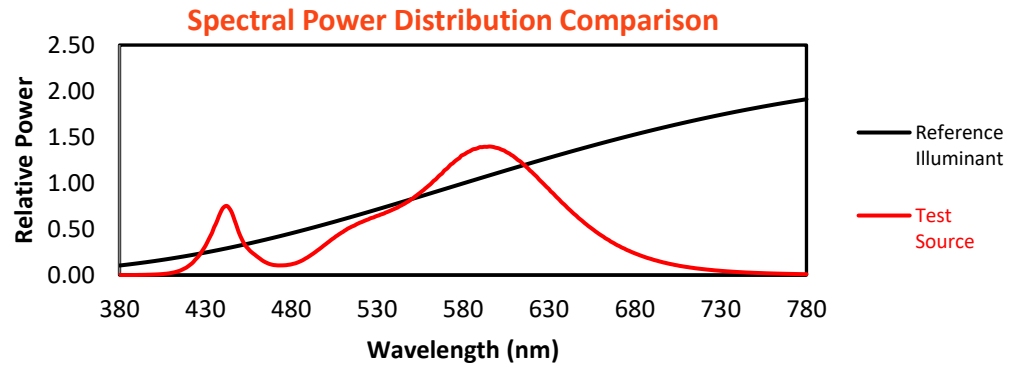
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803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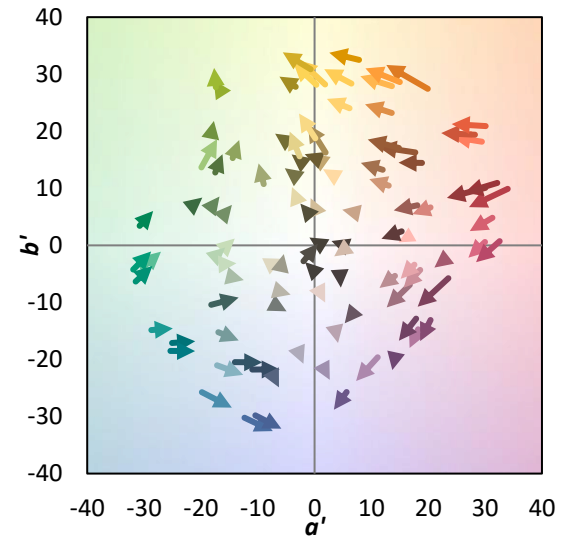
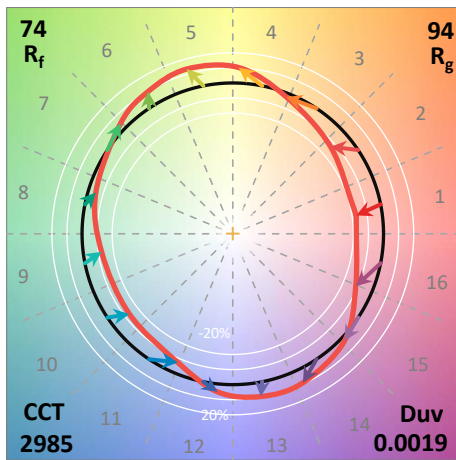
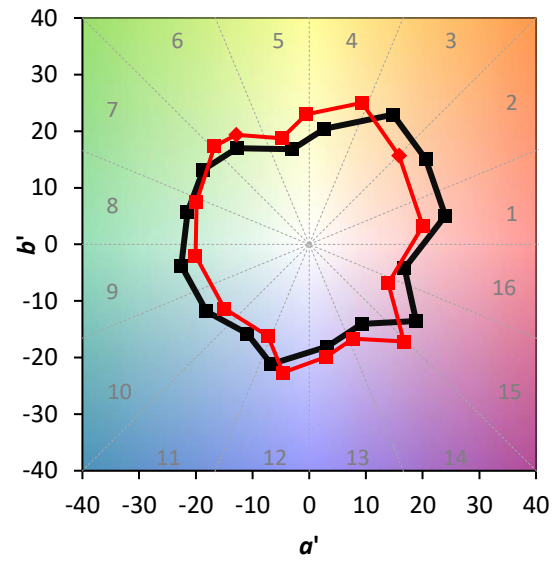
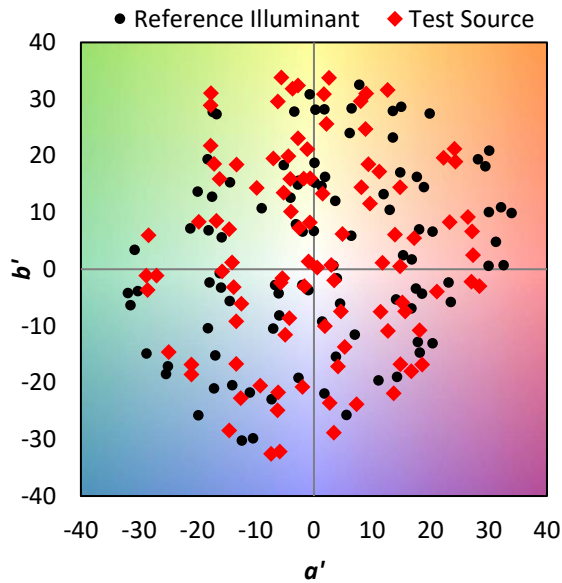
TM-30-18

Summary

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

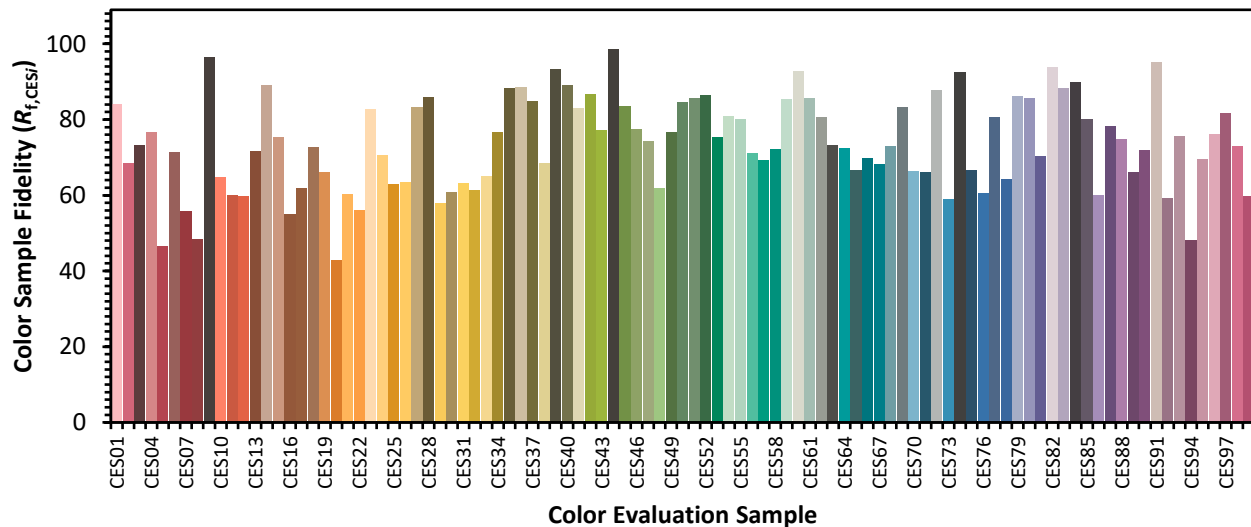


Color Vector Graphics

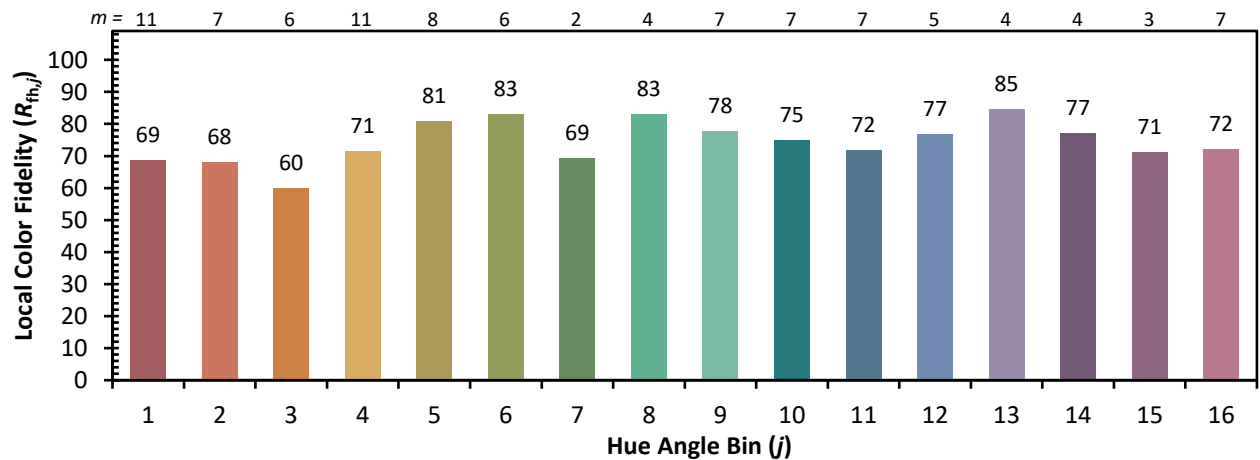
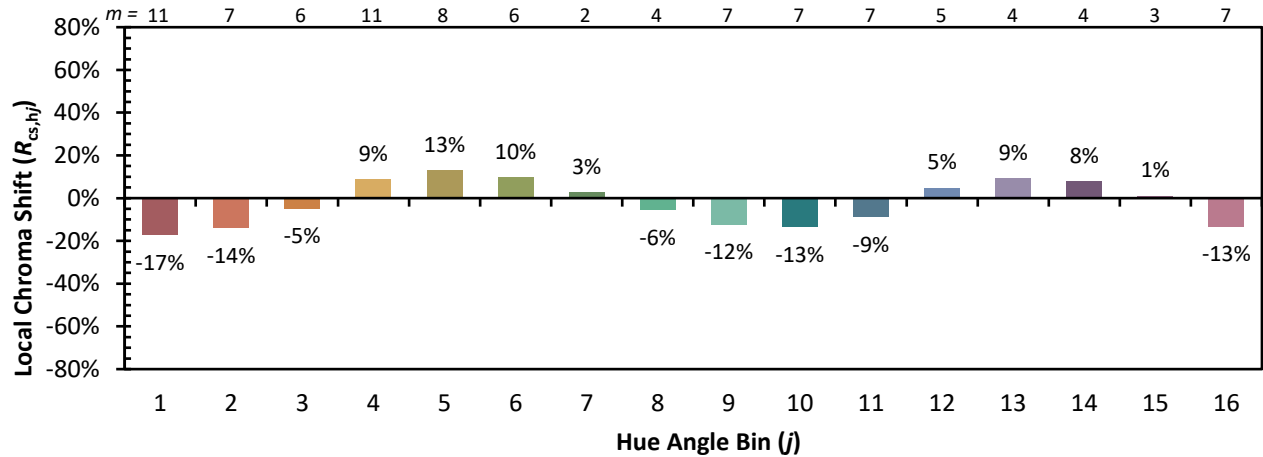


Individual Sample Fidelity Index ($R_{f,i}$)

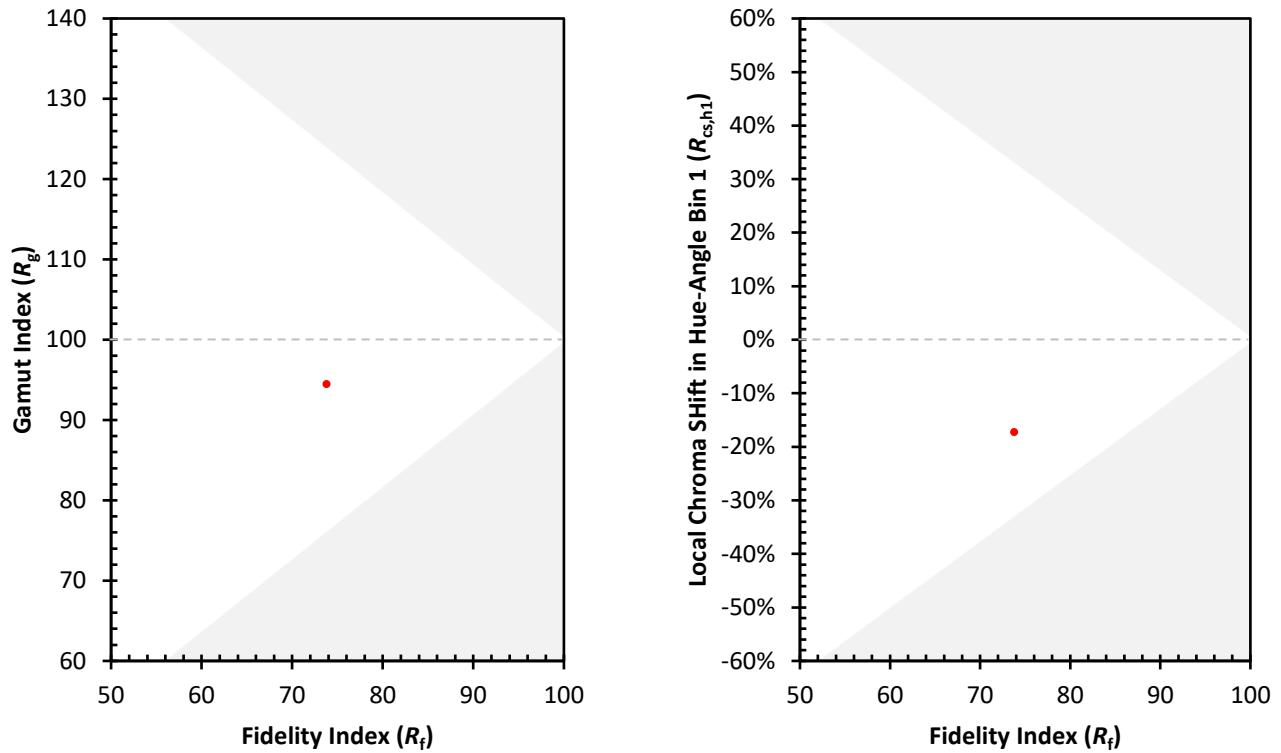
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82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