

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: P1067221

Luminaire Tested: **NAV-SA1A-730-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067221
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA1A-730-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 1xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (14) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3310.7 lumens
Efficiency: N/A
Efficacy: 113.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 29.2
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



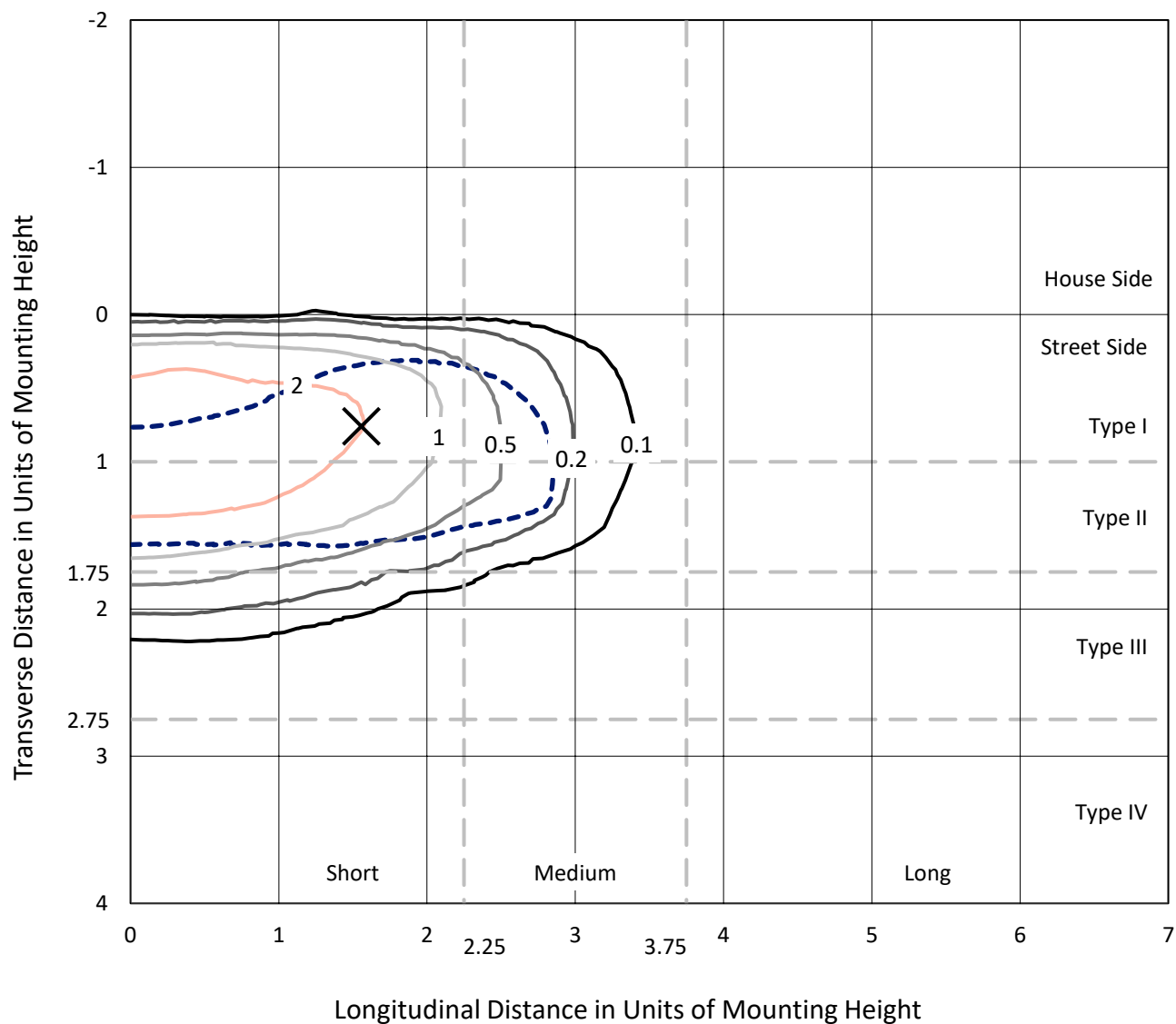
REPORT NUMBER: P1067221

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

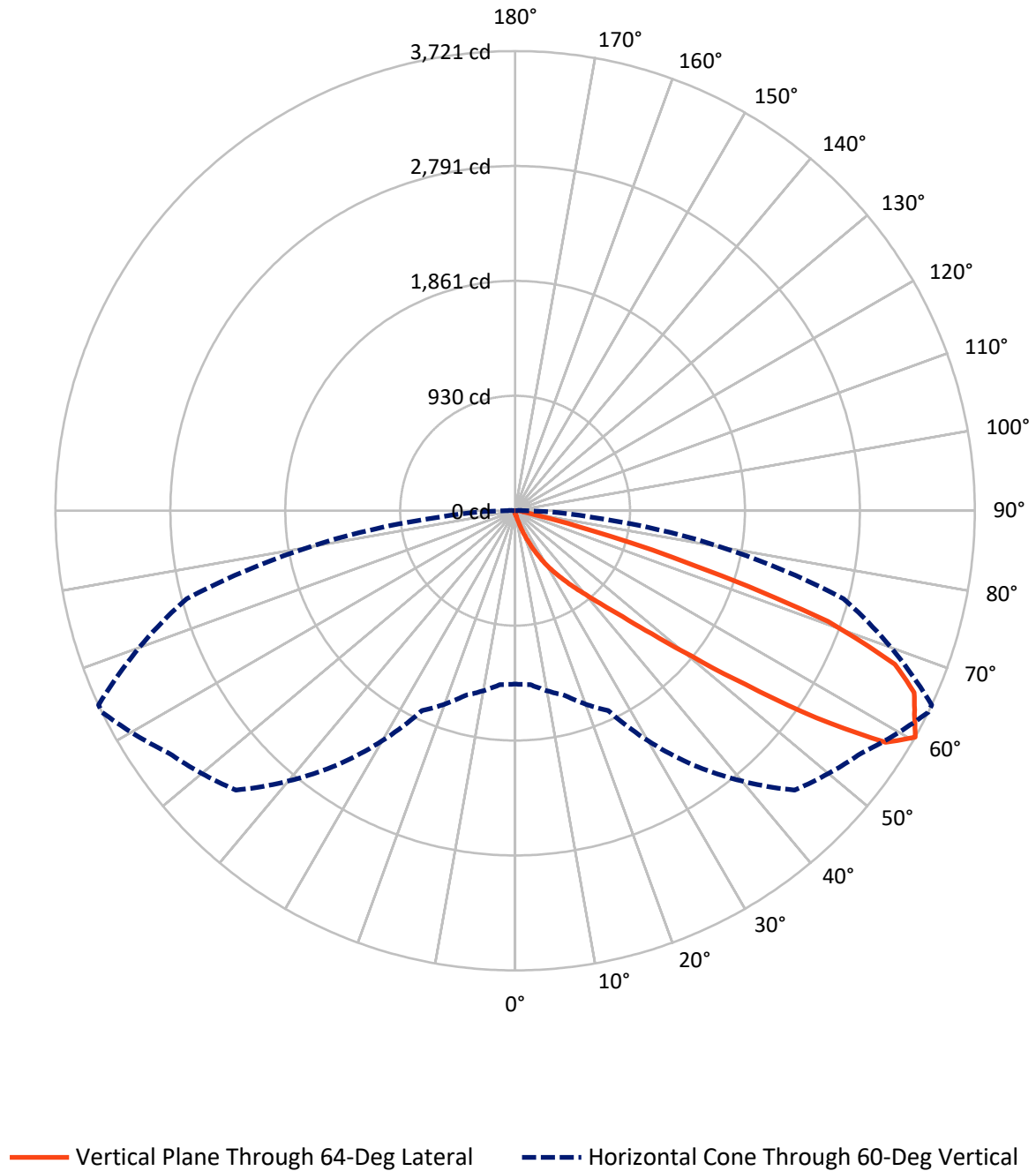


Based on 15 foot mounting height. Maximum calculated value = 4.7 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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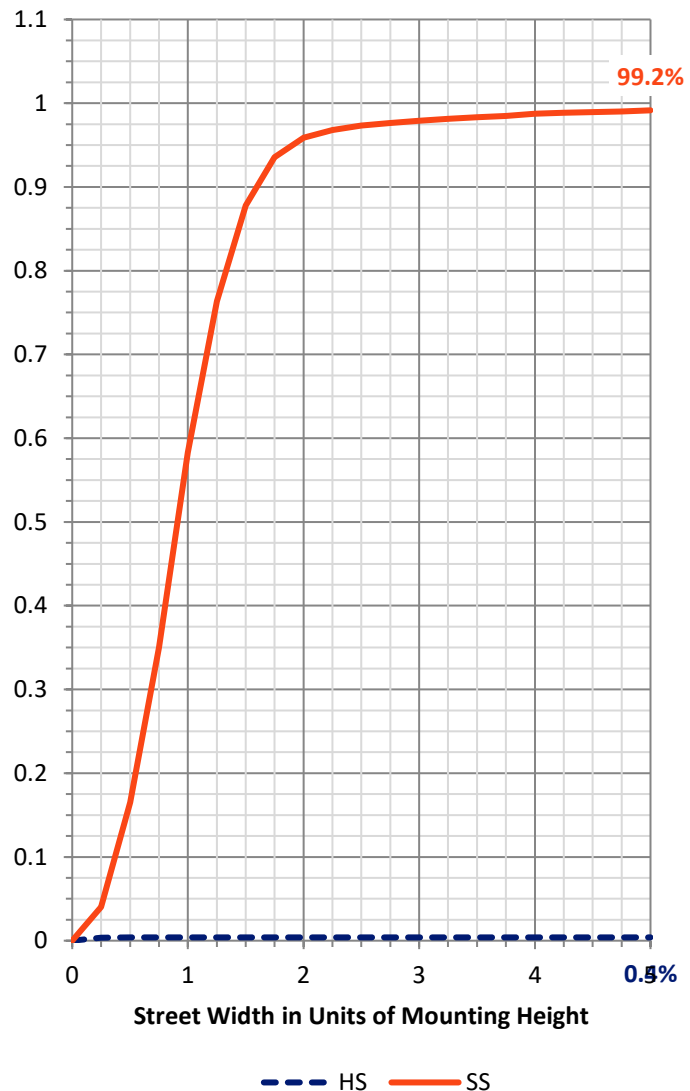
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	13.4	0.0	13.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3297.3	0.0	3297.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	3310.7	0.0	3310.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.3	0.1
10°-20°	32.5	1.0
20°-30°	108.1	3.3
30°-40°	288.3	8.7
40°-50°	732.8	22.1
50°-60°	1068.3	32.3
60°-70°	825.2	24.9
70°-80°	226.6	6.8
80°-90°	25.6	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°	3310.7	100.0
0°-180°	3310.7	100.0



REPORT NUMBER: P1067221

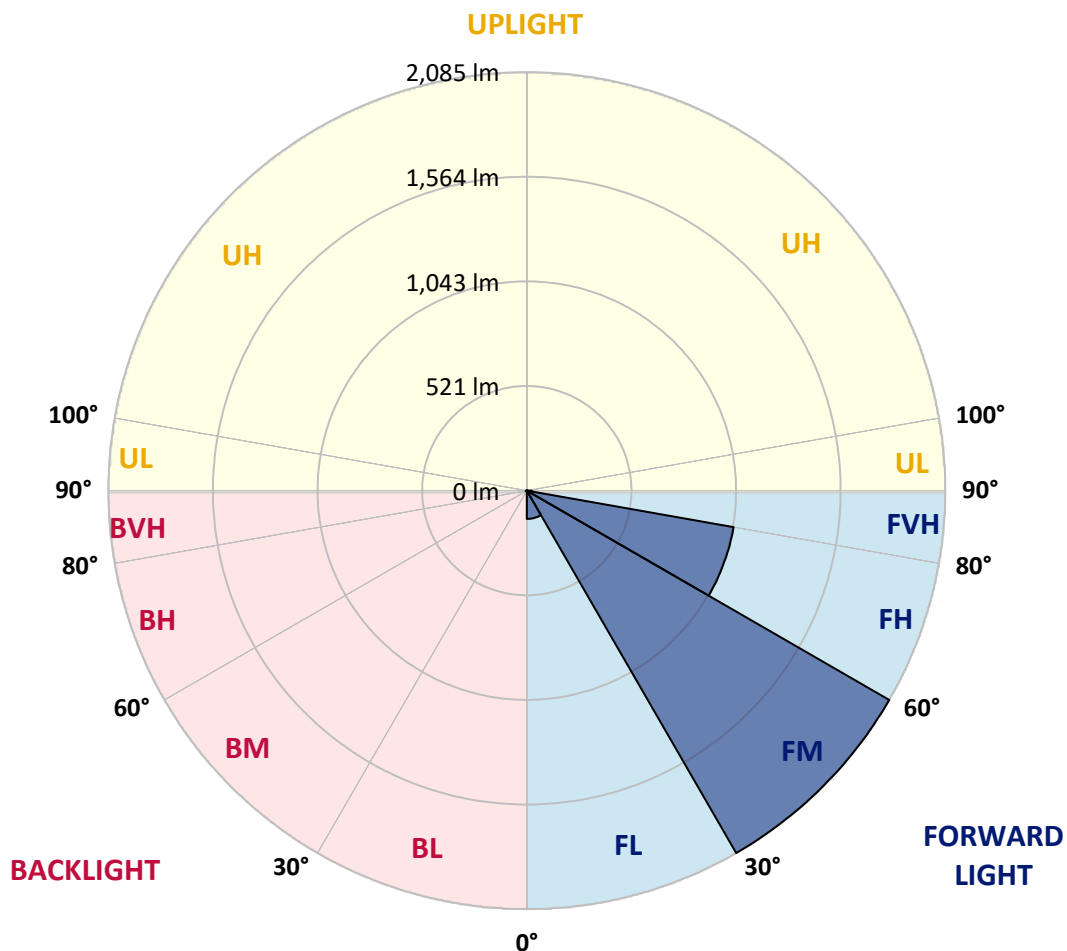
CATALOG NUMBER: NAV-SA1A-730-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	140.9	4.3			
FM	(30°-60°)	2085.1	63.0			
FH	(60°-80°)	1046.4	31.6			G1/1800
FVH	(80°-90°)	25.0	0.8			G1/100
BL	(0°-30°)	3.0	0.1	B0/110		
BM	(30°-60°)	4.4	0.1	B0/220		
BH	(60°-80°)	5.4	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-G1

Type II Short



REPORT NUMBER: P1067221

CATALOG NUMBER: NAV-SA1A-730-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
2.5°	29.2	29.2	29.2	28.3	27.3	27.3	26.4	25.5	25.5	23.7	22.8
5°	44.7	44.7	42.8	41.0	38.3	34.6	31.0	28.3	28.3	25.5	23.7
7.5°	87.5	90.2	82.0	72.0	58.3	49.2	39.2	32.8	31.9	27.3	23.7
10°	189.6	187.7	175.0	150.4	118.5	85.7	54.7	40.1	38.3	29.2	23.7
12.5°	285.2	288.0	274.3	247.0	208.7	152.2	93.9	51.9	50.1	31.9	23.7
15°	367.3	367.3	358.2	344.5	302.6	243.3	151.3	77.5	71.1	34.6	22.8
17.5°	423.8	422.9	419.2	415.6	391.0	329.9	231.5	123.9	109.4	41.0	22.8
20°	487.6	484.8	489.4	482.1	463.0	414.7	316.2	184.1	170.4	51.9	22.8
22.5°	554.1	556.8	560.5	553.2	532.2	490.3	405.5	261.6	247.0	72.0	23.7
25°	638.8	637.0	645.2	638.8	612.4	563.2	489.4	346.3	325.3	100.2	25.5
27.5°	742.7	739.1	744.6	728.2	693.5	643.4	564.1	432.9	408.3	144.0	29.2
30°	880.3	883.1	858.5	839.3	790.1	723.6	647.0	525.8	500.3	195.9	32.8
32.5°	1097.2	1078.1	1039.8	962.4	897.7	812.9	730.0	606.9	584.2	262.5	38.3
35°	1435.3	1439.0	1355.1	1163.8	1023.4	925.0	821.1	696.3	679.9	338.1	45.6
37.5°	1847.3	1837.2	1763.4	1521.9	1207.5	1064.4	925.0	793.8	770.1	420.1	54.7
40°	2313.9	2271.9	2229.1	2065.1	1591.2	1239.4	1056.2	906.8	888.5	514.9	69.3
42.5°	2687.5	2676.6	2683.9	2615.5	2230.9	1537.4	1230.3	1045.3	1023.4	632.5	94.8
45°	2871.6	2856.1	2899.9	2950.9	2852.5	2171.7	1511.0	1222.1	1192.9	771.0	134.0
47.5°	2822.4	2811.5	2905.3	3005.6	3136.8	2907.1	1969.4	1486.4	1436.3	948.7	192.3
50°	2580.0	2580.9	2734.9	2921.7	3129.5	3279.9	2648.3	1848.2	1785.3	1184.7	283.4
52.5°	2343.9	2351.2	2514.4	2786.9	3021.1	3323.6	3244.3	2335.7	2233.7	1462.7	391.0
55°	2101.5	2105.2	2249.2	2632.8	2970.0	3193.3	3550.5	2963.7	2855.2	1809.0	495.8
57.5°	1868.2	1868.2	1922.0	2262.8	2914.4	3181.5	3514.1	3537.8	3449.4	2204.5	573.2
60°	1403.5	1412.6	1546.5	1785.3	2513.5	3198.8	3421.1	3721.0	3721.0	2753.1	632.5
62.5°	709.0	722.7	889.5	1121.8	1724.2	2960.0	3435.7	3628.9	3643.5	3237.0	767.3
65°	332.6	348.1	437.4	601.5	927.7	2083.3	3284.4	3550.5	3546.0	3145.0	1051.7
67.5°	238.8	243.3	273.4	350.9	499.4	913.2	2507.1	3316.3	3318.2	2672.0	1209.3
70°	214.2	214.2	221.5	244.2	300.7	408.3	1218.5	2685.7	2816.0	2063.3	1120.9
72.5°	211.4	209.6	207.8	208.7	203.2	205.0	418.3	1516.5	1702.4	1443.5	894.0
75°	206.0	206.0	204.1	197.8	162.2	132.1	144.0	613.3	709.0	964.2	663.4
77.5°	163.1	179.5	198.7	186.8	148.5	99.3	83.8	177.7	224.2	591.5	481.2
80°	75.6	76.6	75.6	79.3	94.8	71.1	62.0	86.6	87.5	328.1	298.0
82.5°	54.7	55.6	52.9	47.4	41.9	38.3	51.0	63.8	68.3	150.4	111.2
85°	16.4	15.5	18.2	24.6	29.2	33.7	42.8	53.8	56.5	55.6	16.4
87.5°	7.3	7.3	9.1	12.8	17.3	25.5	37.4	49.2	50.1	57.4	4.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067221

CATALOG NUMBER: NAV-SA1A-730-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
2.5°	22.8	21.9	21.0	20.0	19.1	18.2	17.3	17.3	18.2	18.2	18.2
5°	21.9	21.0	19.1	17.3	16.4	15.5	14.6	14.6	15.5	15.5	15.5
7.5°	21.9	20.0	18.2	16.4	14.6	13.7	12.8	12.8	12.8	13.7	13.7
10°	21.9	20.0	17.3	14.6	12.8	11.8	10.9	10.0	10.9	10.9	10.9
12.5°	21.0	19.1	16.4	13.7	10.9	9.1	8.2	8.2	8.2	8.2	8.2
15°	20.0	18.2	15.5	11.8	9.1	7.3	5.5	5.5	5.5	6.4	6.4
17.5°	19.1	17.3	13.7	9.1	6.4	4.6	3.6	3.6	3.6	4.6	4.6
20°	19.1	16.4	11.8	7.3	4.6	2.7	1.8	1.8	1.8	2.7	3.6
22.5°	19.1	16.4	10.9	5.5	2.7	1.8	0.9	0.9	0.9	0.9	0.9
25°	19.1	15.5	10.0	4.6	1.8	0.9	0.0	0.0	0.9	1.8	2.7
27.5°	19.1	14.6	8.2	2.7	1.8	0.9	0.0	0.9	1.8	1.8	1.8
30°	19.1	14.6	7.3	2.7	0.9	0.0	0.0	0.9	1.8	1.8	2.7
32.5°	20.0	13.7	6.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	21.0	12.8	5.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	22.8	12.8	3.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	25.5	13.7	3.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	31.9	14.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	44.7	18.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	65.6	27.3	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	95.7	37.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	117.6	37.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	116.7	23.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	89.3	16.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	75.6	11.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	91.1	9.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	162.2	8.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	260.6	8.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	291.6	8.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	227.8	7.3	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	124.9	6.4	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	62.9	4.6	1.8	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0
80°	26.4	3.6	1.8	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0
82.5°	9.1	3.6	1.8	1.8	0.9	0.9	0.0	0.0	0.0	0.0	0.0
85°	4.6	2.7	2.7	1.8	1.8	0.9	0.9	0.0	0.0	0.0	0.0
87.5°	2.7	2.7	2.7	1.8	1.8	0.9	0.9	0.0	0.0	0.0	0.9
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

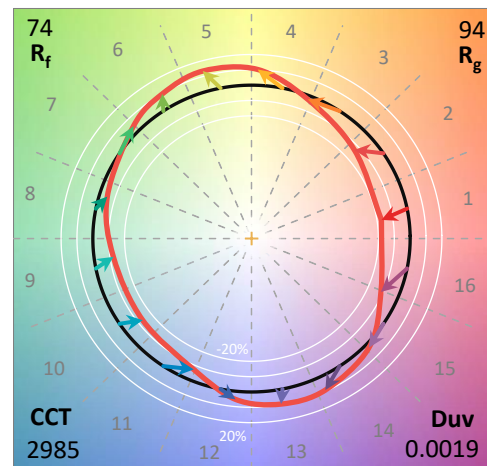
Test Information

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

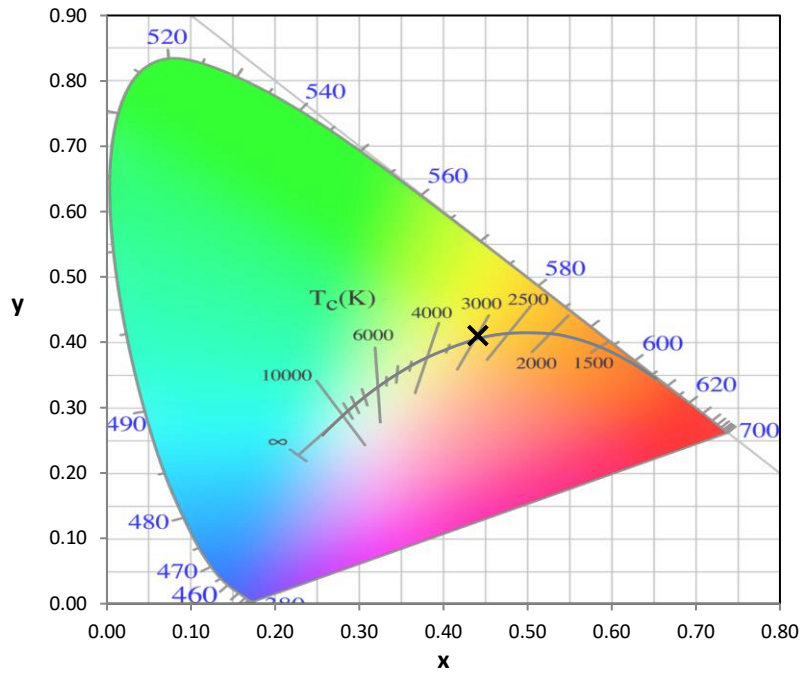
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

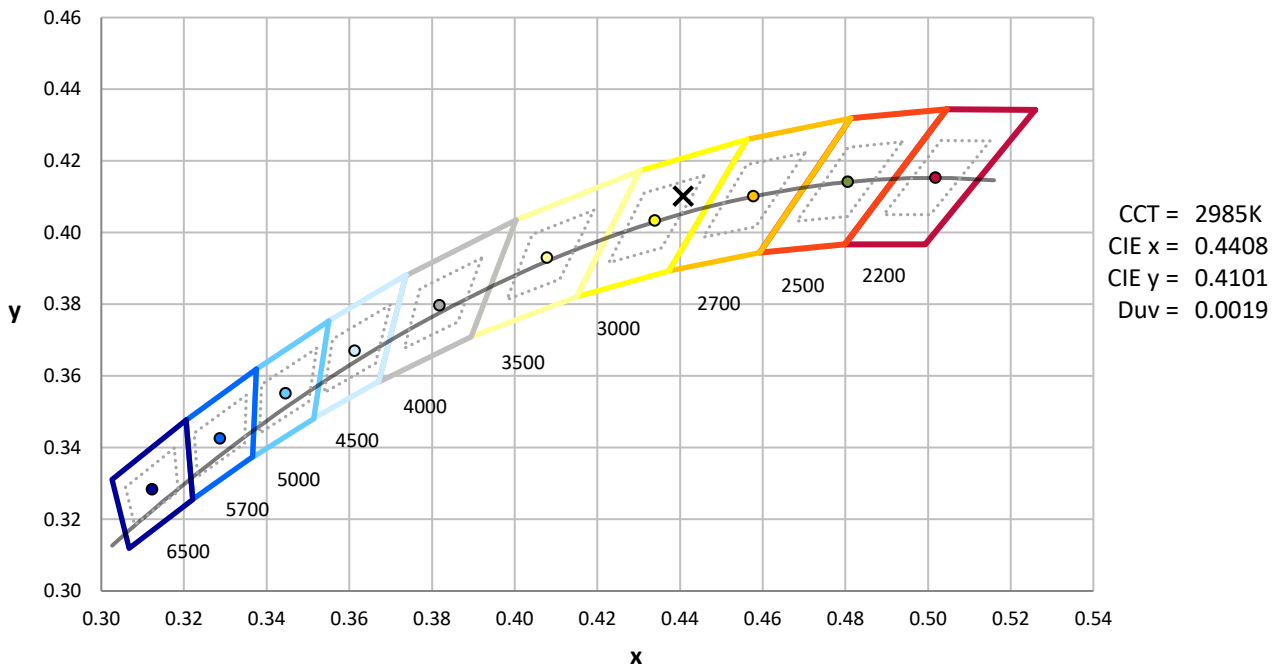
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

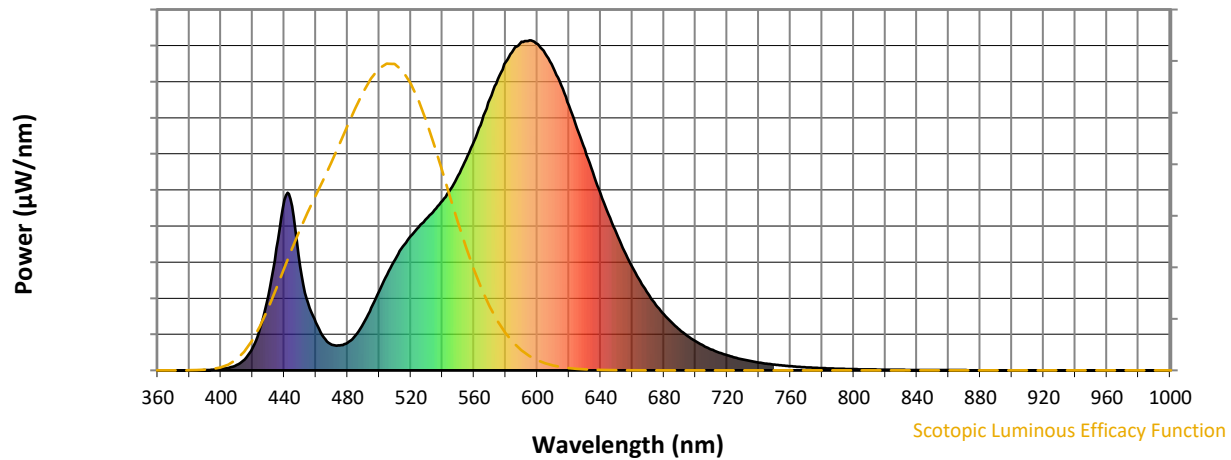


Photopic Lumens: NR

λ (nm)	Power W/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



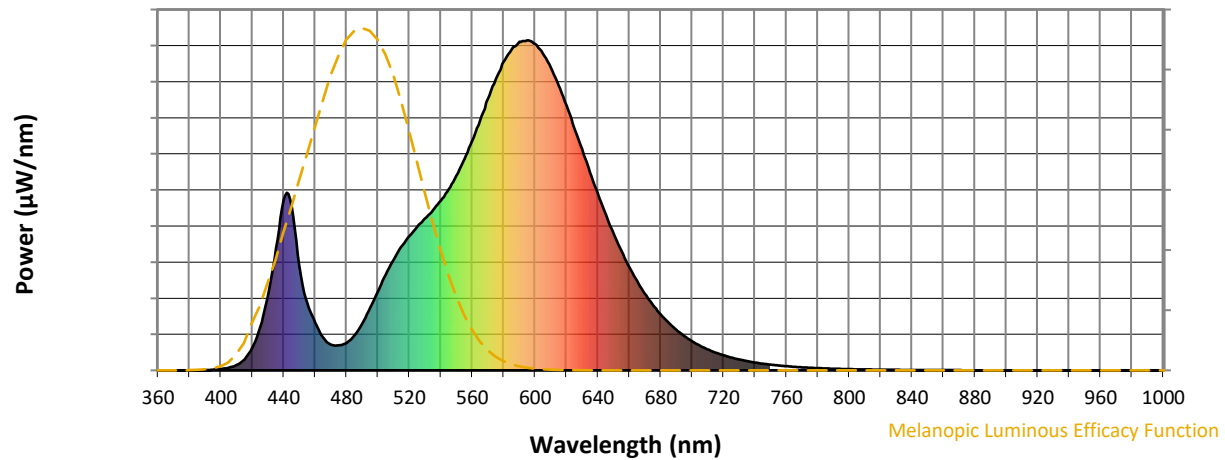
Scotopic Lumens: NR

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

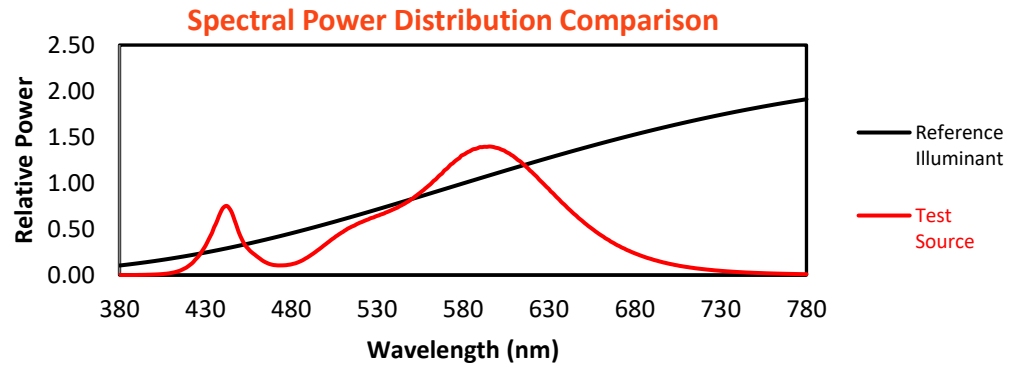
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	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

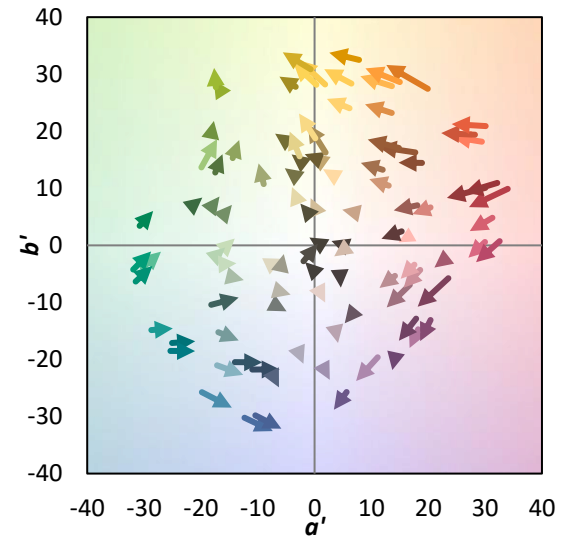
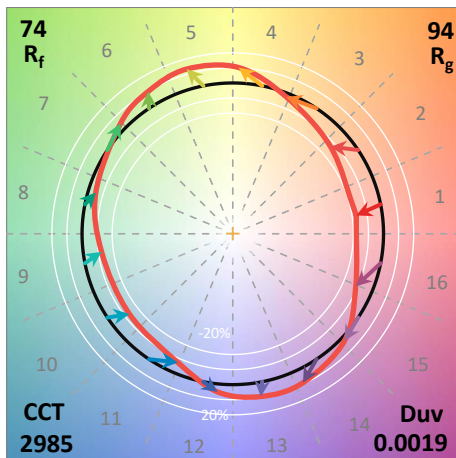
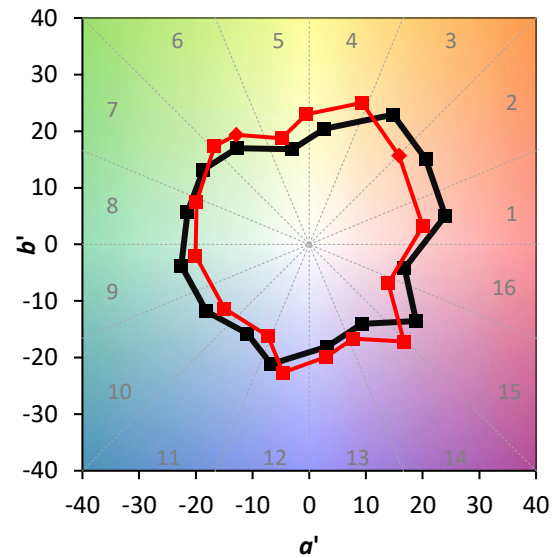
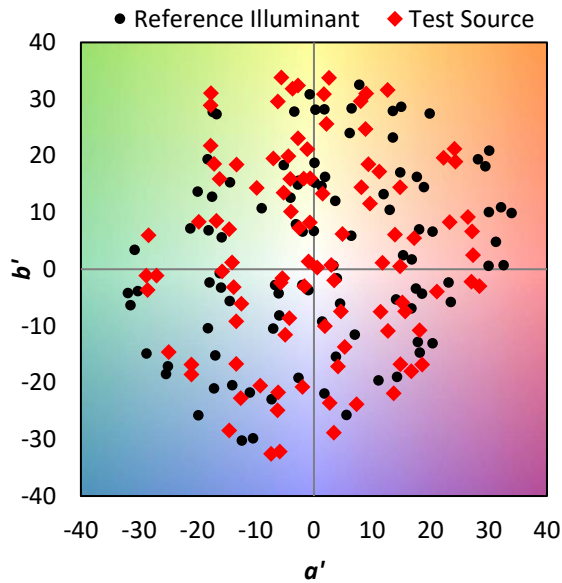
TM-30-18

Summary

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

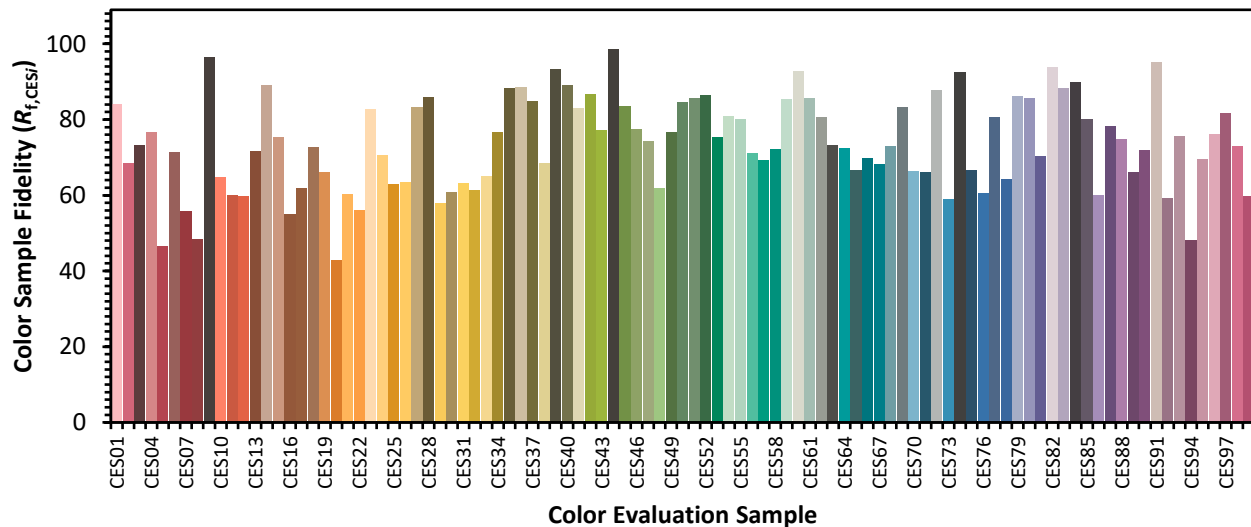


Color Vector Graphics

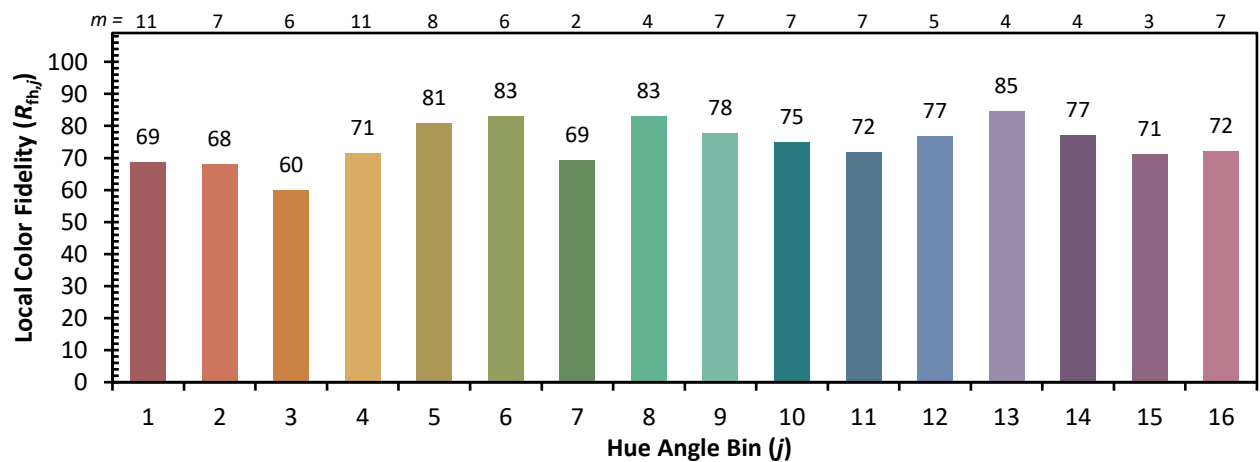
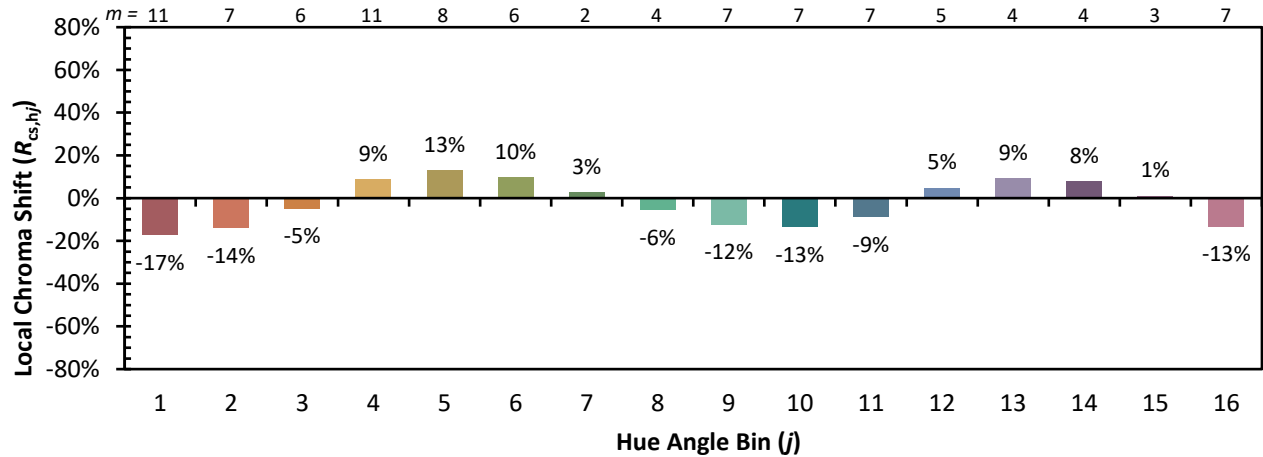


Individual Sample Fidelity Index ($R_{f,i}$)

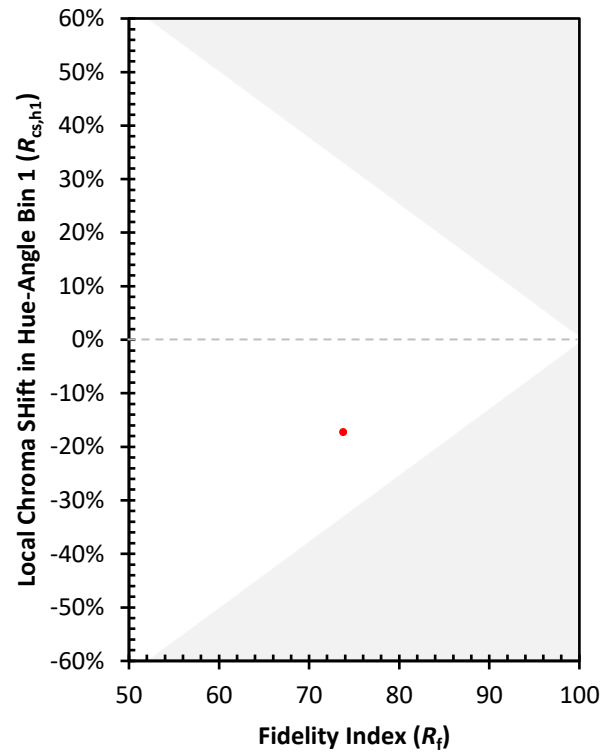
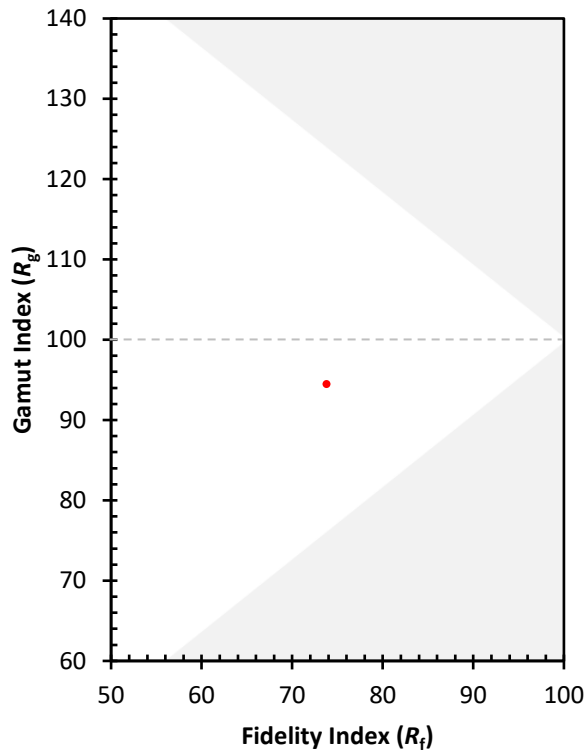
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82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