

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: P1065785

Luminaire Tested: **NVN-SA2A-730-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1065785
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA2A-730-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (28) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6852.6 lumens
Efficiency: N/A
Efficacy: 123.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

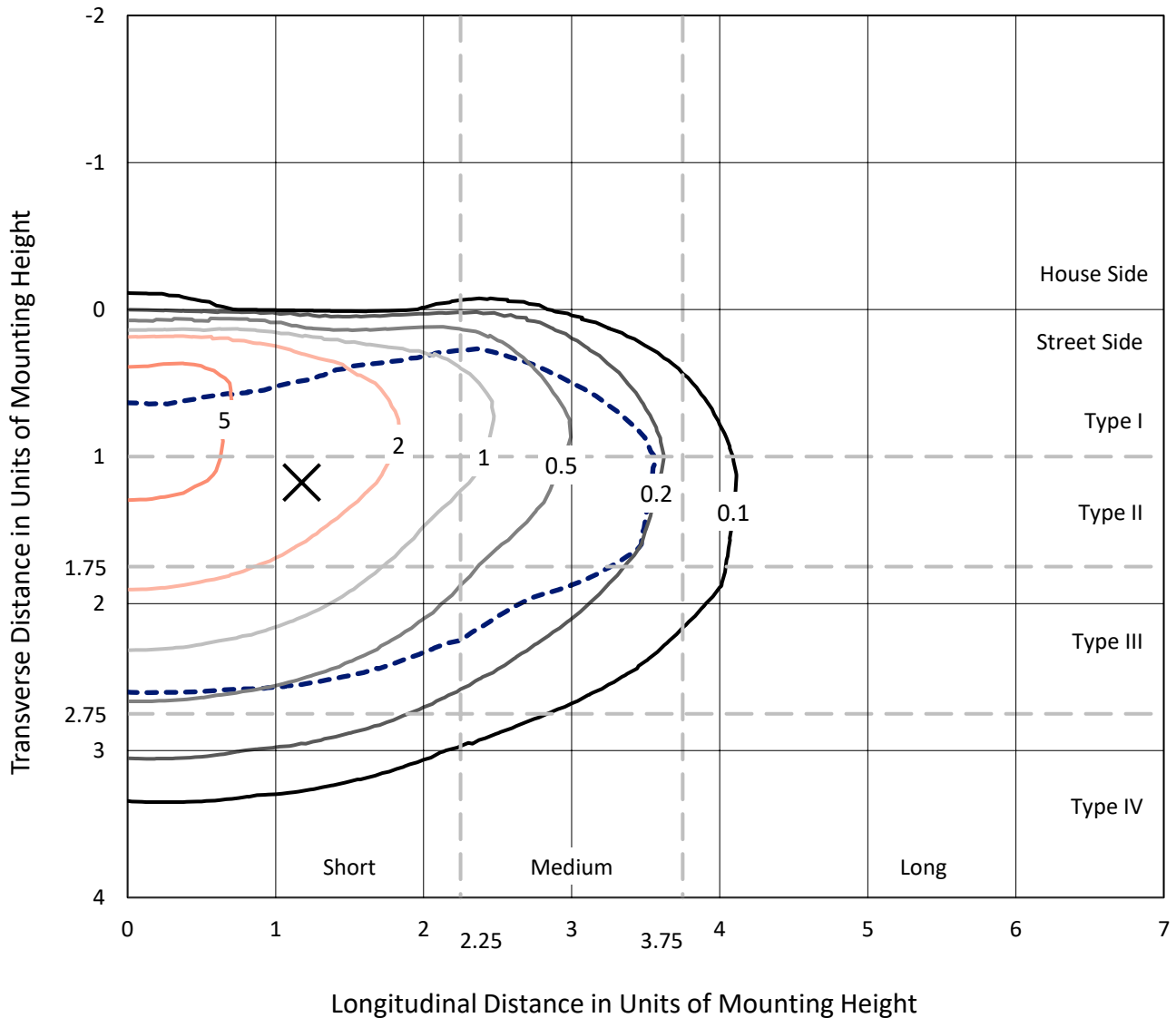
Input Watts (W): 55.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P1065785
 CATALOG NUMBER: NVN-SA2A-730-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

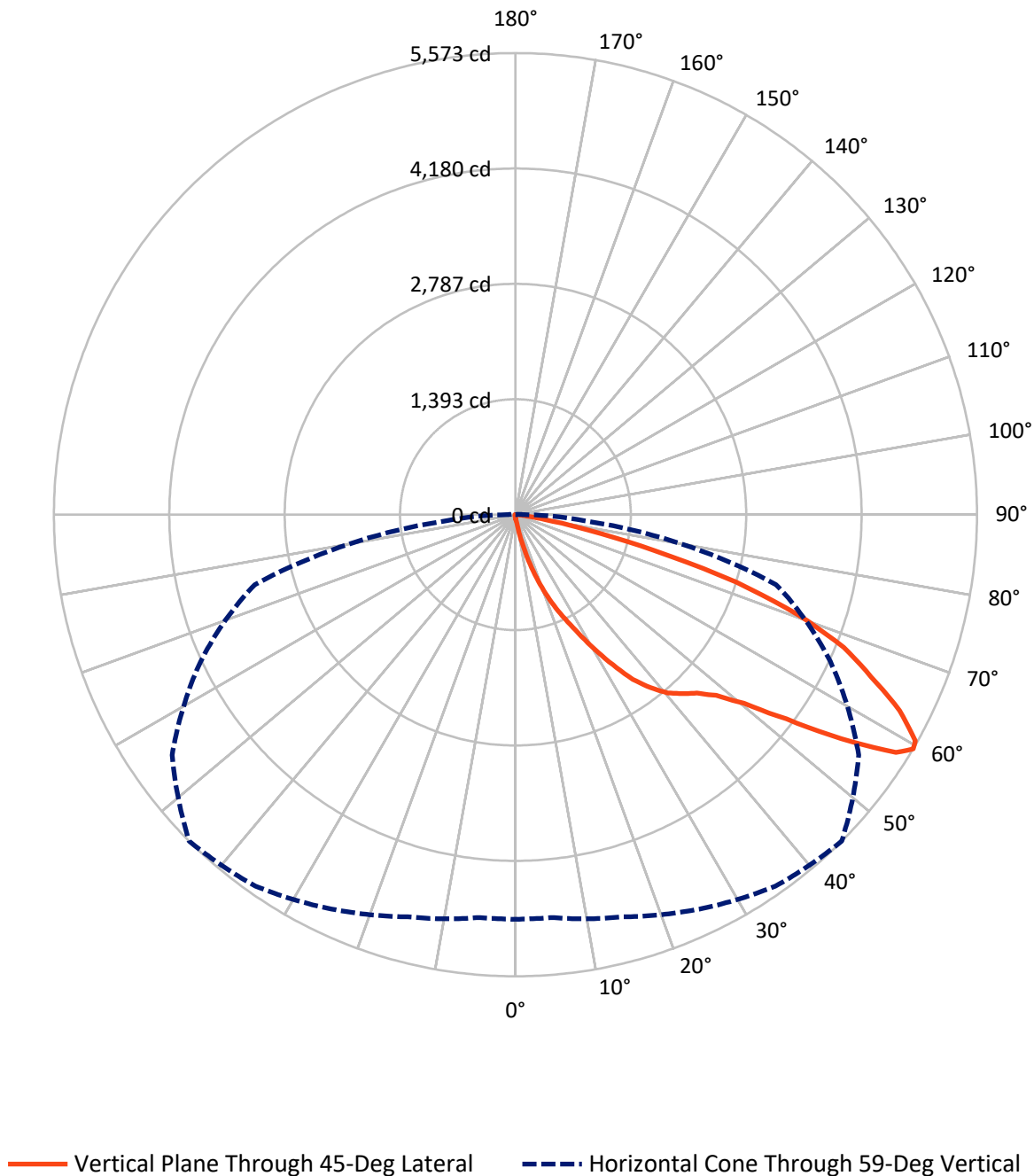


Based on 15 foot mounting height. Maximum calculated value = 7.5 fc
 Type III - Short - N/A

REPORT NUMBER: P1065785

CATALOG NUMBER: NVN-SA2A-730-U-T3BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1065785

CATALOG NUMBER: NVN-SA2A-730-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	24.3	0.0	24.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	6828.2	0.0	6828.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	6852.6	0.0	6852.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.4	0.1
10°-20°	75.7	1.1
20°-30°	272.1	4.0
30°-40°	632.4	9.2
40°-50°	1077.9	15.7
50°-60°	1776.0	25.9
60°-70°	2053.5	30.0
70°-80°	882.2	12.9
80°-90°	76.2	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°	6852.6	100.0
0°-180°	6852.6	100.0



REPORT NUMBER: P1065785

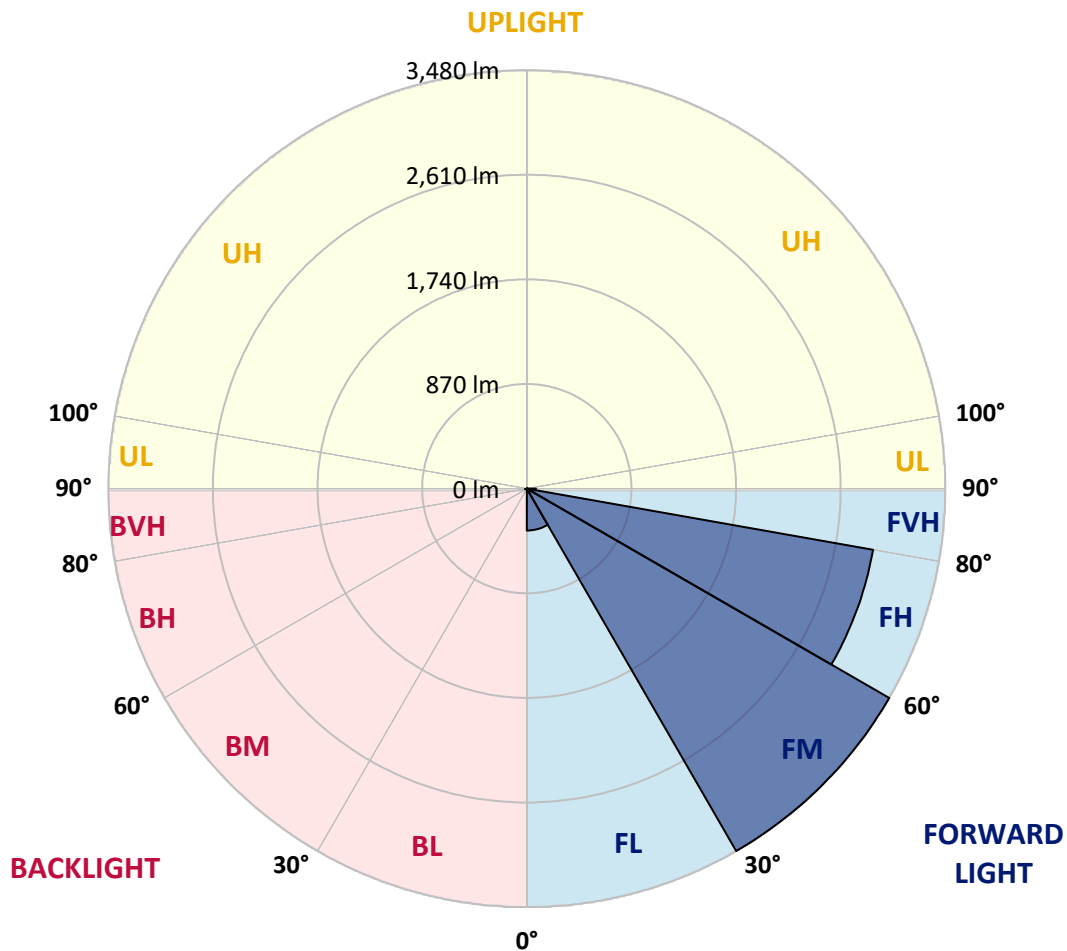
CATALOG NUMBER: NVN-SA2A-730-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	348.3	5.1			
FM	(30°-60°)	3480.4	50.8			
FH	(60°-80°)	2924.3	42.7			G2/5000
FVH	(80°-90°)	75.2	1.1			G1/100
BL	(0°-30°)	6.0	0.1	B0/110		
BM	(30°-60°)	5.9	0.1	B0/220		
BH	(60°-80°)	11.4	0.2	B0/110		G0/110
BVH	(80°-90°)	1.0	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



REPORT NUMBER: P1065785

CATALOG NUMBER: NVN-SA2A-730-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
2.5°	56.2	56.2	54.8	53.0	52.5	51.1	51.1	49.8	47.9	46.5	44.7
5°	81.6	81.1	77.4	72.8	66.8	63.1	63.1	58.1	53.4	49.3	45.6
7.5°	178.3	174.2	160.8	138.7	109.7	90.3	88.9	72.3	61.3	53.0	46.1
10°	409.2	394.9	376.0	323.0	238.7	166.8	163.6	105.5	73.3	57.1	47.0
12.5°	670.4	681.9	644.2	560.8	462.2	343.7	320.7	177.9	96.8	62.7	47.9
15°	908.2	905.4	884.2	816.0	702.2	544.6	530.3	309.2	138.7	71.4	48.8
17.5°	1086.0	1082.8	1062.5	1018.8	931.2	773.6	761.2	493.0	217.5	83.9	49.8
20°	1273.6	1269.4	1240.8	1205.8	1129.3	995.3	980.5	698.5	340.5	104.1	49.8
22.5°	1498.4	1490.6	1460.2	1400.7	1320.1	1203.5	1190.2	908.6	493.0	137.3	52.1
25°	1770.3	1756.9	1715.0	1661.5	1564.3	1409.5	1395.2	1142.7	676.9	187.5	54.4
27.5°	2080.4	2082.7	2026.0	1935.7	1805.3	1647.2	1620.5	1352.4	867.2	259.4	57.1
30°	2448.5	2425.5	2345.8	2240.7	2114.0	1912.6	1886.8	1561.1	1081.0	365.4	61.7
32.5°	2793.2	2768.3	2660.9	2528.7	2392.8	2180.4	2159.2	1795.6	1275.4	490.7	70.0
35°	3089.0	3071.5	2921.3	2760.0	2639.3	2449.4	2443.0	2057.3	1503.9	625.7	79.3
37.5°	3349.3	3317.5	3124.5	2957.2	2834.6	2664.6	2650.8	2296.9	1724.2	782.4	93.1
40°	3571.4	3553.9	3318.5	3098.7	2999.1	2847.1	2829.6	2507.0	1951.8	964.4	110.1
42.5°	3809.2	3786.1	3557.6	3311.1	3127.7	2965.0	2953.5	2680.3	2154.6	1164.4	135.5
45°	4077.8	4034.9	3834.5	3613.3	3334.6	3087.1	3074.2	2834.6	2362.4	1379.1	166.3
47.5°	4364.9	4327.5	4165.3	4010.1	3689.4	3288.5	3260.9	2966.0	2568.8	1627.0	205.5
50°	4657.0	4657.9	4536.3	4461.6	4123.0	3615.6	3576.5	3159.0	2785.8	1892.4	263.6
52.5°	4997.0	5005.8	5003.9	4948.6	4686.0	4150.6	4098.1	3452.1	3037.8	2202.0	343.7
55°	5139.4	5155.1	5256.9	5379.5	5308.0	4828.8	4772.6	3957.5	3371.9	2547.1	462.6
57.5°	5022.8	5040.3	5180.9	5395.6	5559.6	5422.8	5416.3	4615.5	3811.9	2965.5	657.1
59°	4884.1	4881.8	5026.1	5253.7	5474.8	5563.8	5573.0	5060.6	4195.3	3259.0	824.8
60°	4792.0	4793.8	4889.7	5123.3	5358.3	5512.6	5548.6	5322.8	4419.2	3470.0	968.5
62.5°	4436.3	4457.5	4533.5	4750.5	4973.5	5145.9	5207.1	5556.4	5060.2	3968.6	1468.5
65°	4049.7	4051.1	4159.4	4345.0	4558.8	4680.0	4718.7	5192.9	5488.2	4476.4	2124.1
67.5°	3359.9	3388.0	3511.1	3811.9	4094.4	4247.8	4277.3	4520.1	5310.8	4807.2	2452.7
70°	2351.3	2388.2	2563.7	2954.0	3374.7	3626.7	3624.9	3757.6	4674.0	4659.7	2079.4
72.5°	1174.0	1237.6	1380.9	1798.8	2308.4	2704.2	2787.6	3022.6	3754.8	3870.5	1551.4
75°	518.8	522.5	604.1	814.6	1147.3	1650.0	1724.7	2399.2	2880.7	2690.0	1120.6
77.5°	301.8	304.6	319.3	365.8	464.9	808.6	892.5	1573.5	2035.7	1563.4	730.8
80°	109.7	112.4	112.0	138.7	203.7	318.4	354.8	762.6	1357.9	823.4	382.9
82.5°	67.3	67.3	65.0	65.4	74.2	122.1	133.6	324.8	661.2	405.5	109.7
85°	33.2	35.0	37.3	41.9	49.8	60.4	64.0	93.1	222.6	98.1	26.3
87.5°	19.8	20.3	22.1	26.7	33.2	43.3	46.1	63.1	79.7	65.9	6.5
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: P1065785

CATALOG NUMBER: NVN-SA2A-730-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
2.5°	43.8	43.3	41.0	39.2	37.3	35.5	34.1	32.7	32.7	33.2	32.7
5°	43.8	41.9	38.2	35.0	32.3	29.9	27.6	25.8	25.3	25.3	25.8
7.5°	43.3	41.0	35.9	31.8	28.1	24.9	22.6	20.3	19.8	20.3	19.8
10°	42.9	40.1	34.1	29.0	24.0	20.7	17.5	15.2	15.2	15.2	15.7
12.5°	42.9	38.7	32.3	26.3	20.7	17.0	13.8	11.5	11.1	11.1	11.1
15°	42.4	37.8	30.4	23.0	17.5	12.9	10.1	7.8	7.8	7.8	7.8
17.5°	41.5	36.4	28.1	20.3	13.8	9.7	6.9	4.6	4.6	5.5	5.5
20°	40.5	35.0	25.3	16.6	11.5	7.4	4.6	2.8	2.8	4.1	4.6
22.5°	41.0	35.0	23.5	14.7	9.2	5.5	3.7	2.3	1.8	3.2	4.1
25°	41.5	34.1	21.2	12.9	6.9	4.1	2.8	0.9	0.5	0.9	1.4
27.5°	41.5	33.2	18.4	10.1	5.1	3.2	1.4	0.0	0.0	0.0	0.0
30°	41.0	31.8	16.1	8.3	3.7	1.8	0.5	0.0	0.0	0.0	0.0
32.5°	40.5	30.4	14.7	6.5	3.2	0.9	0.0	0.0	0.0	0.0	0.0
35°	41.0	28.6	12.9	5.1	1.8	0.0	0.0	0.0	0.0	0.0	0.9
37.5°	42.4	26.7	11.1	4.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0
40°	44.2	25.3	9.2	3.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	47.9	25.3	8.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	52.5	25.3	6.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	58.5	25.8	6.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	65.9	26.7	5.5	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	71.4	25.8	5.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	81.1	24.9	4.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	94.0	23.5	4.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	106.9	21.7	4.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	121.6	20.7	4.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	200.9	18.4	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	388.0	17.5	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	627.1	17.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	659.4	17.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	438.7	14.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	235.0	12.9	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	126.7	12.0	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	55.8	8.8	2.3	1.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	22.1	6.0	2.8	2.3	1.8	0.9	0.0	0.0	0.0	0.0	0.0
85°	10.6	4.6	3.7	3.2	2.3	1.4	0.0	0.0	0.0	0.0	0.0
87.5°	5.1	4.6	4.1	3.7	3.2	2.3	0.5	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

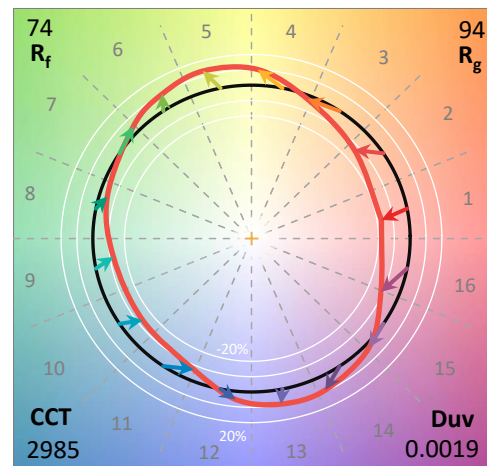
Test Information

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

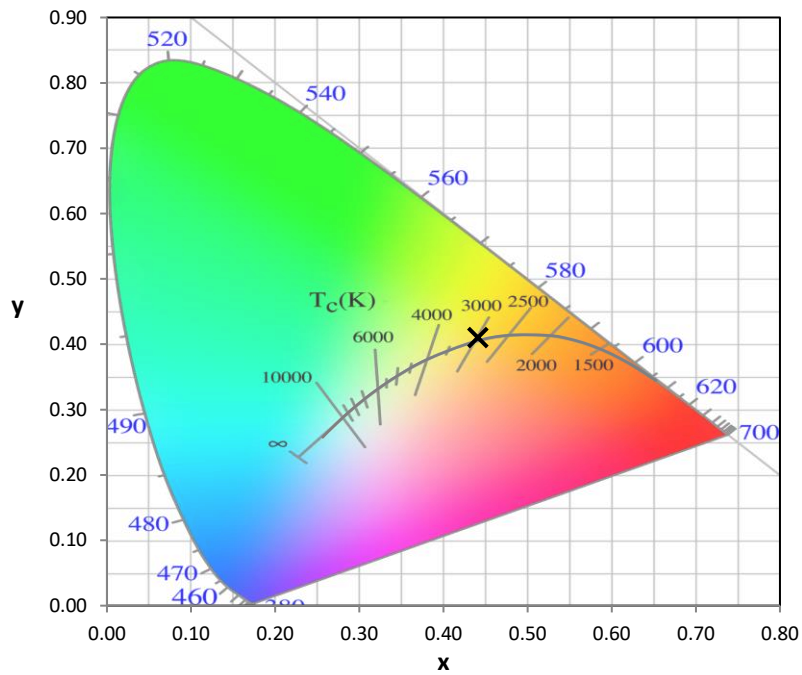
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

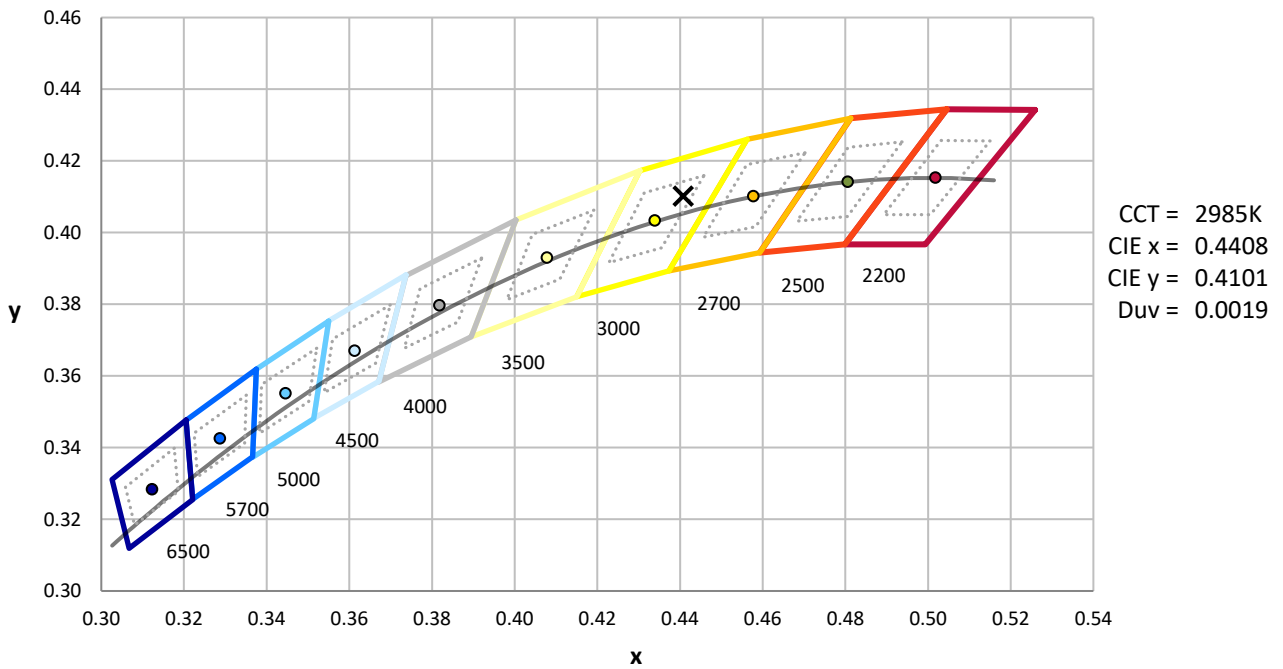
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



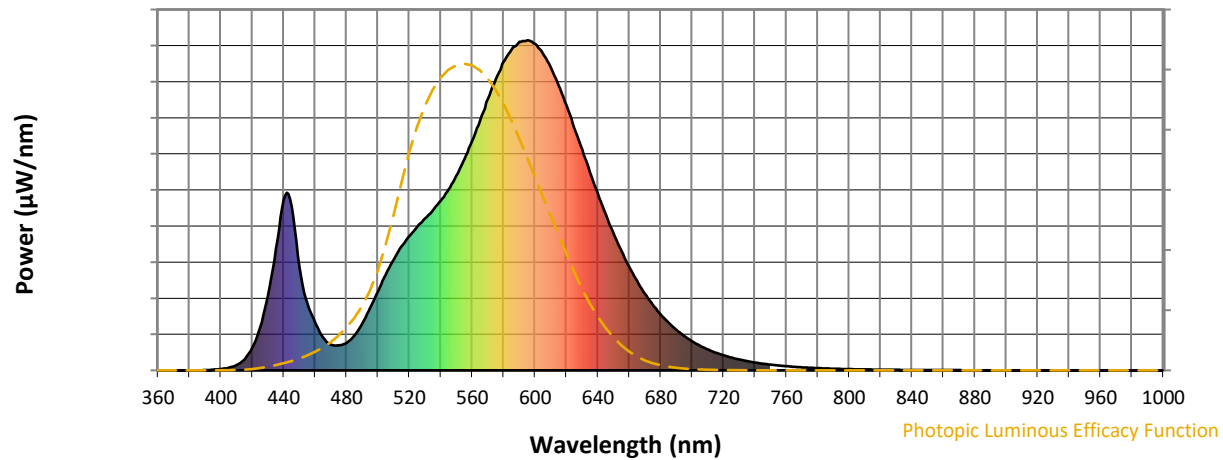
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

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			

REPORT NUMBER: SP1-2407-184-4

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

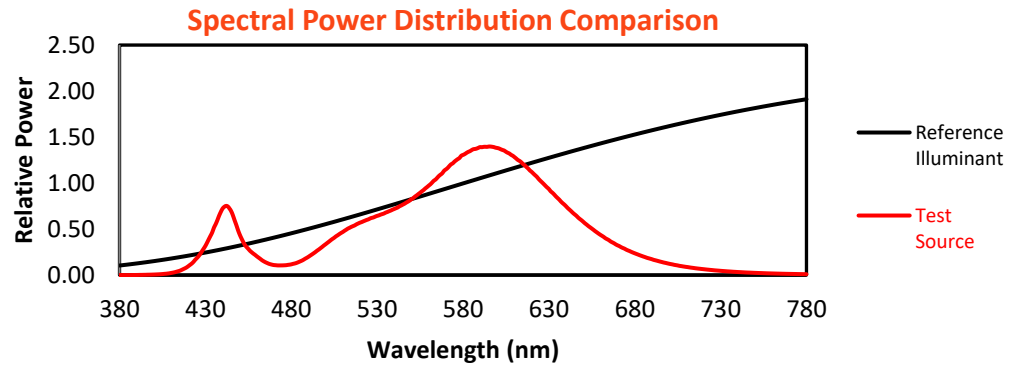
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803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

REPORT NUMBER: SP1-2407-184-4

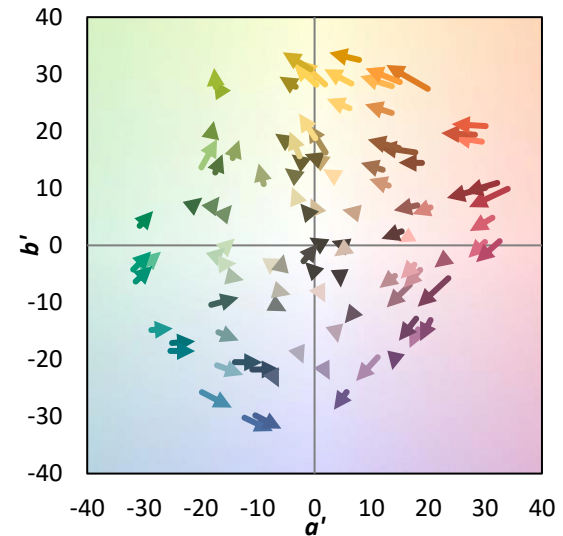
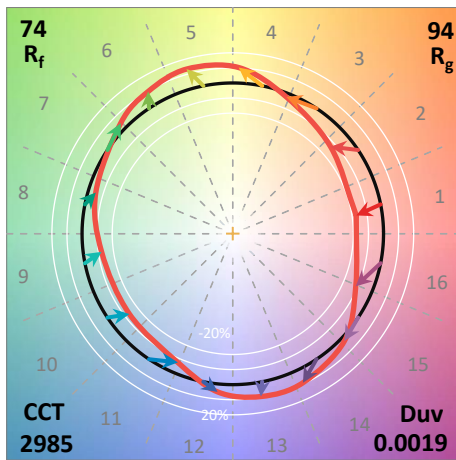
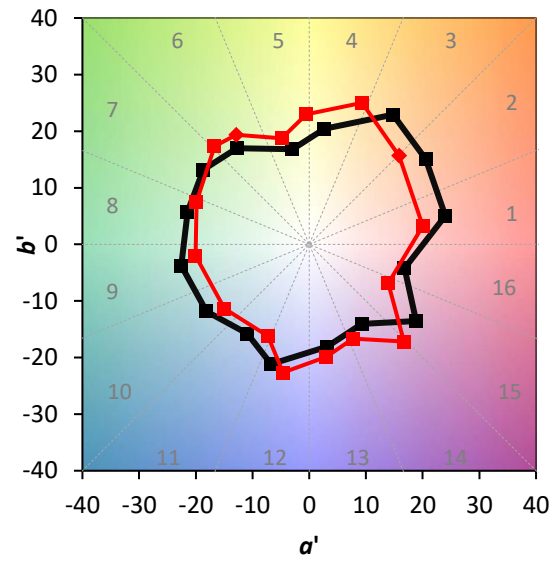
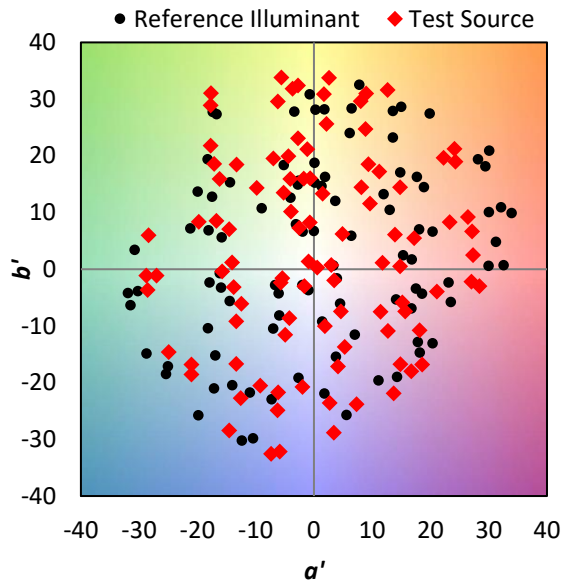
TM-30-18

Summary

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

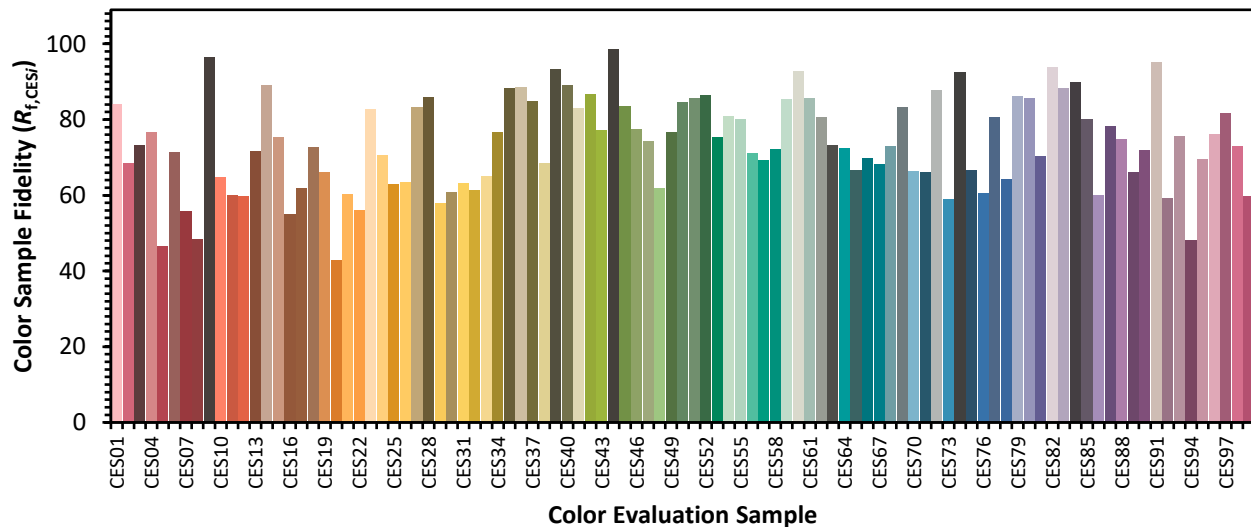


Color Vector Graphics

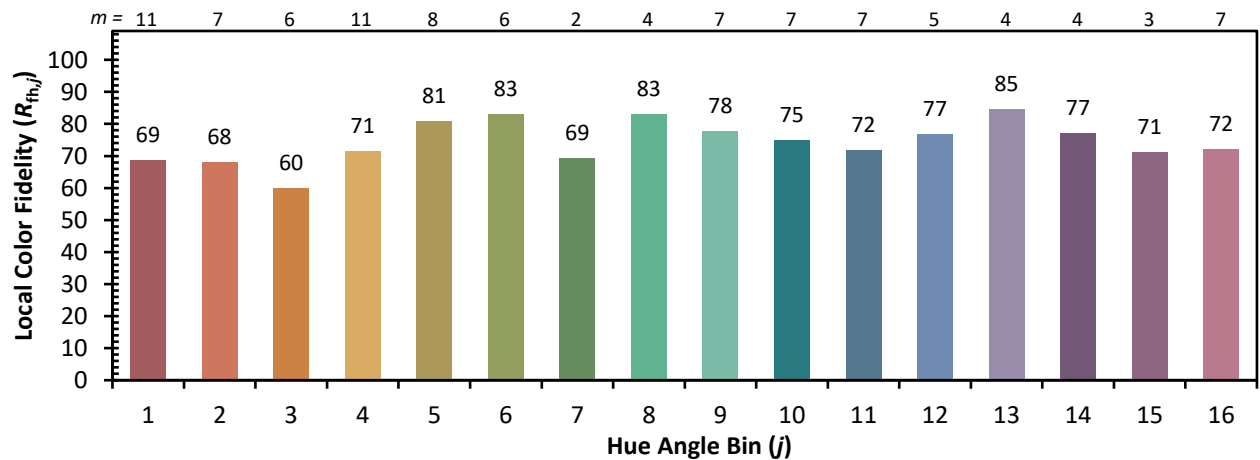
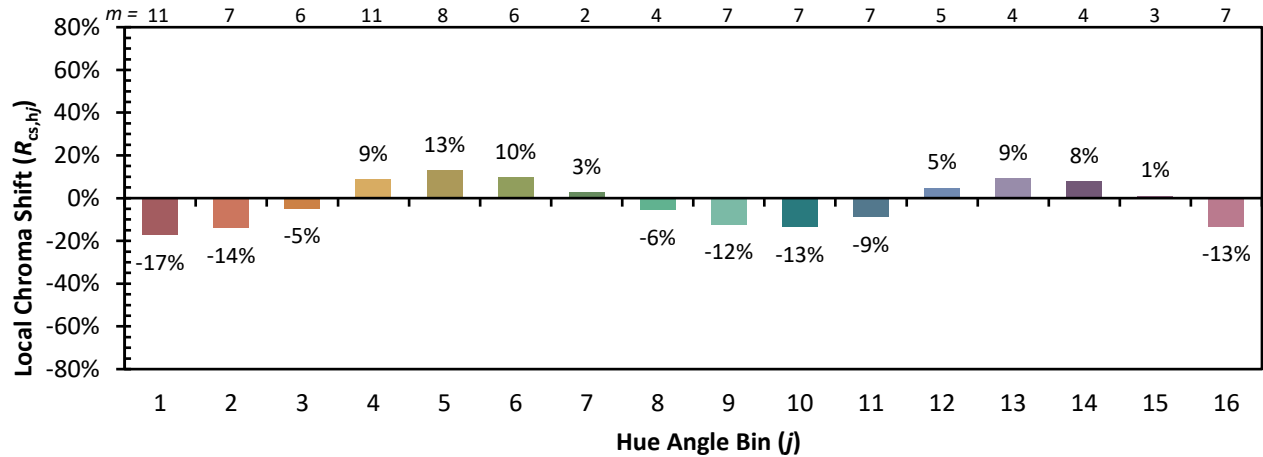


Individual Sample Fidelity Index ($R_{f,i}$)

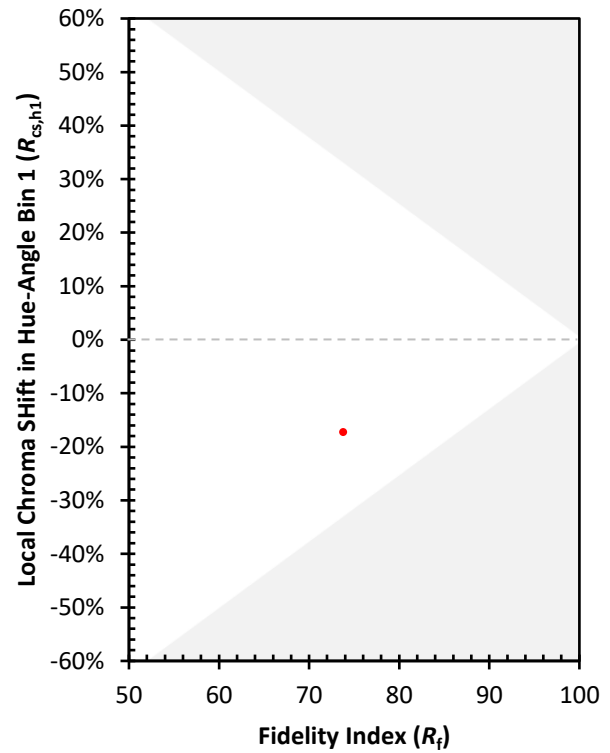
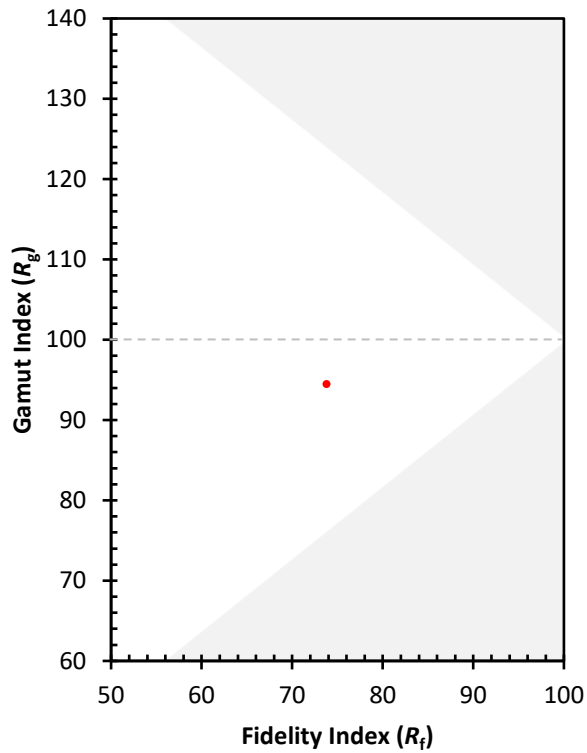
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82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