

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: P1065861

Luminaire Tested: **NVN-SA3A-760-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1065861
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA3A-760-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 3xLight Square PACKAGE
70CRI 5700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (42) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11201 lumens
Efficiency: N/A
Efficacy: 136.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 82
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



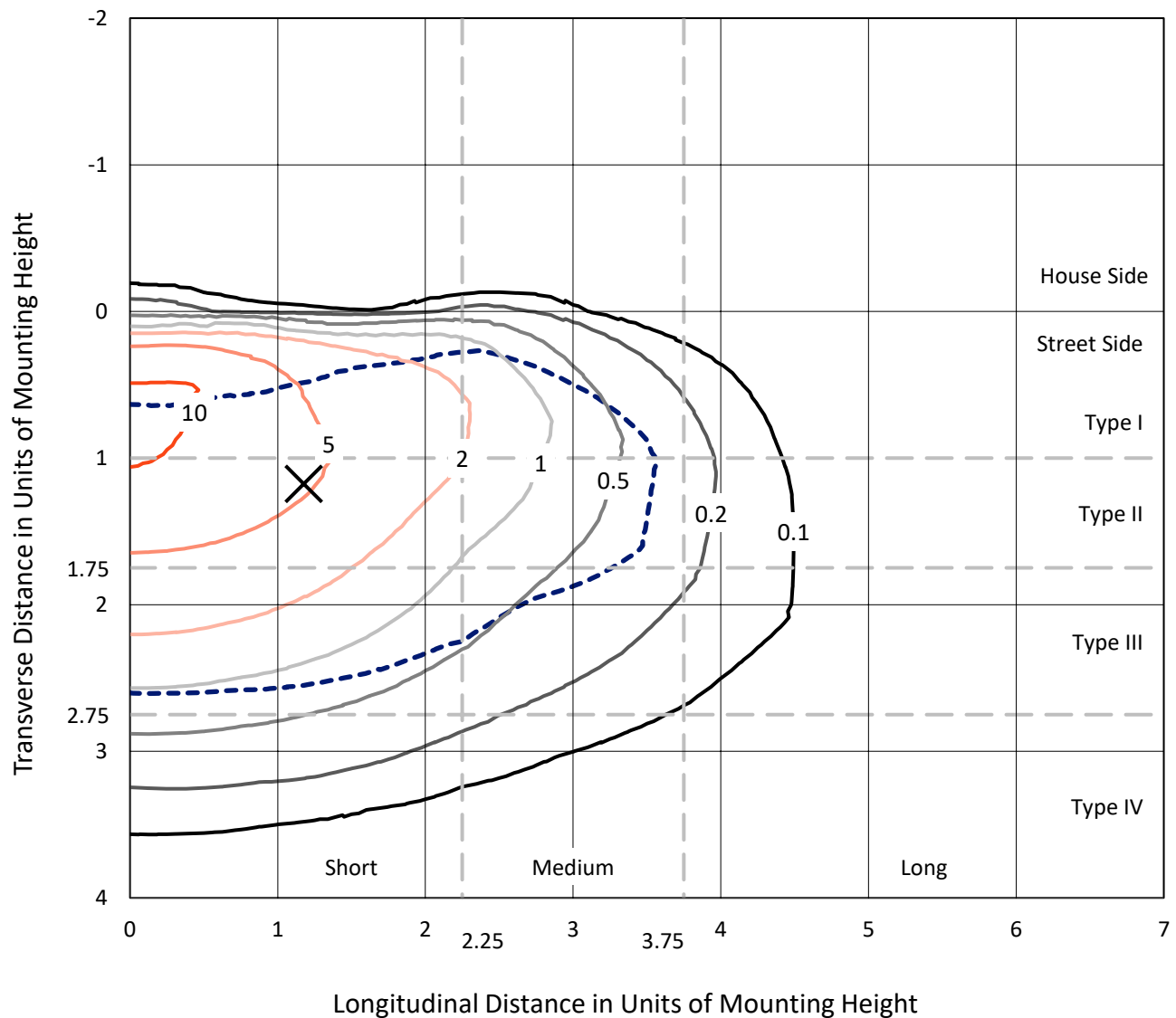
REPORT NUMBER: P1065861

CATALOG NUMBER: NVN-SA3A-760-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

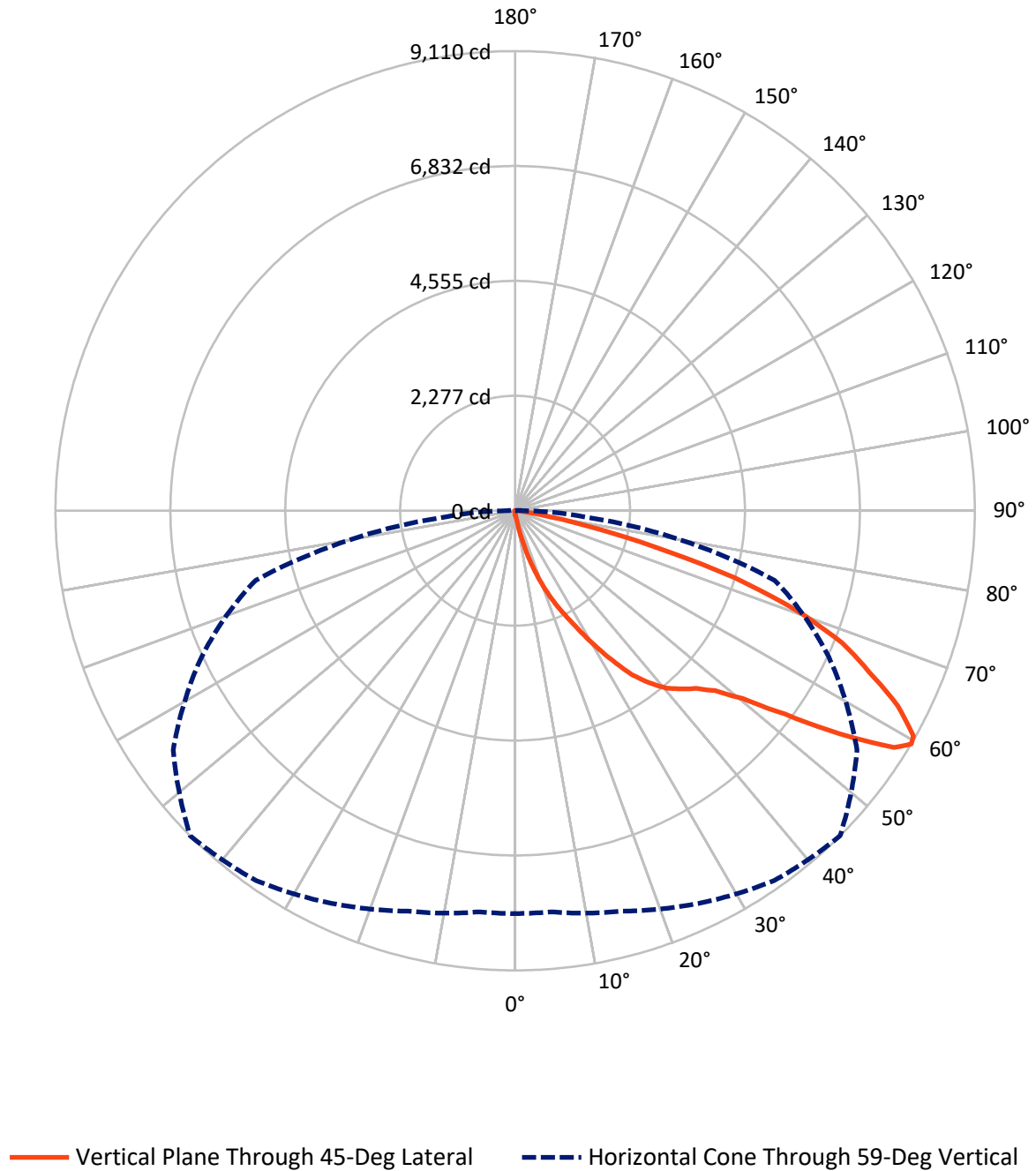


Based on 15 foot mounting height. Maximum calculated value = 12.2 fc
 Type III - Short - N/A

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CATALOG NUMBER: NVN-SA3A-760-U-T3BC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	39.8	0.0	39.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	11161.3	0.0	11161.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	11201.0	0.0	11201.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.4	0.1
10°-20°	123.8	1.1
20°-30°	444.8	4.0
30°-40°	1033.7	9.2
40°-50°	1761.9	15.7
50°-60°	2903.1	25.9
60°-70°	3356.6	30.0
70°-80°	1442.1	12.9
80°-90°	124.6	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°	11201.0	100.0
0°-180°	11201.0	100.0



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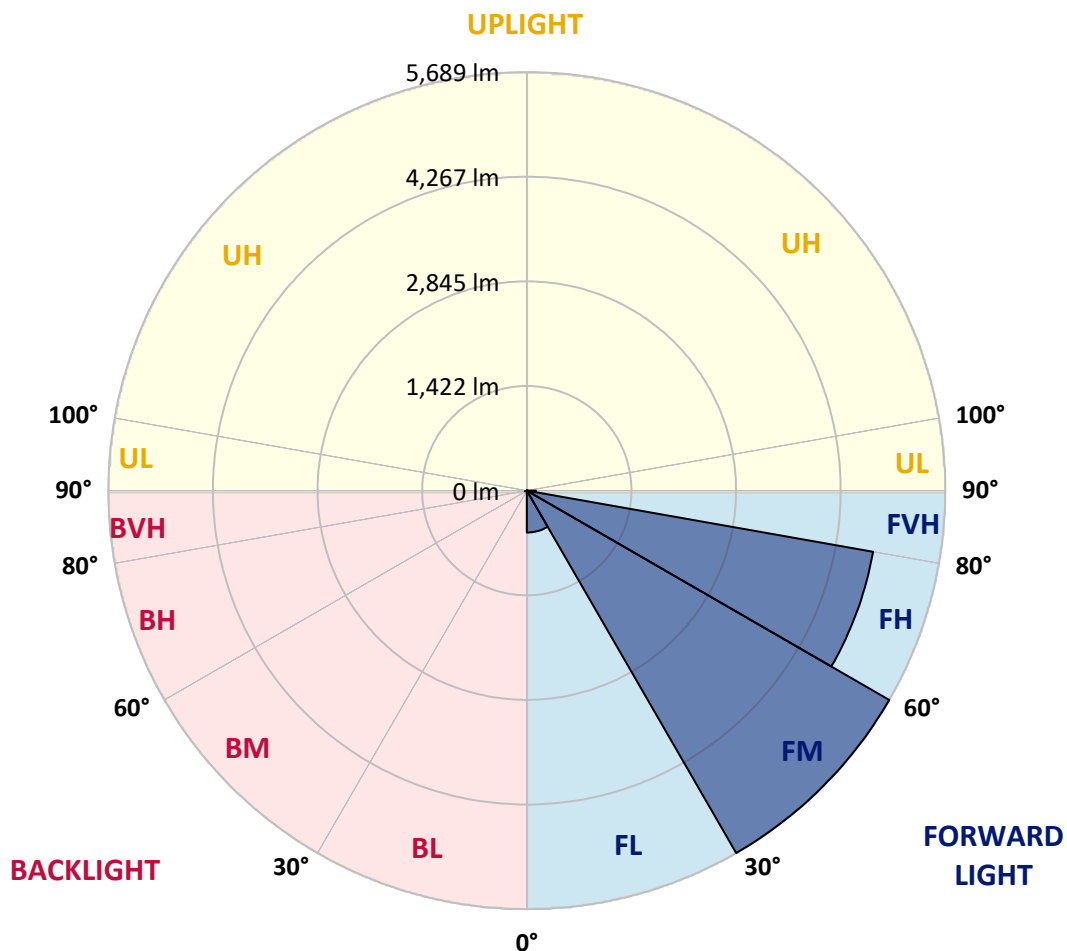
CATALOG NUMBER: NVN-SA3A-760-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	569.2	5.1			
FM	(30°-60°)	5689.0	50.8			
FH	(60°-80°)	4780.0	42.7			G2/5000
FVH	(80°-90°)	123.0	1.1			G2/225
BL	(0°-30°)	9.8	0.1	B0/110		
BM	(30°-60°)	9.6	0.1	B0/220		
BH	(60°-80°)	18.7	0.2	B0/110		G0/110
BVH	(80°-90°)	1.6	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-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
2.5°	91.9	91.9	89.6	86.6	85.9	83.6	83.6	81.3	78.3	76.1	73.1
5°	133.3	132.6	126.5	119.0	109.2	103.2	103.2	94.9	87.4	80.6	74.6
7.5°	291.5	284.7	262.9	226.7	179.3	147.6	145.4	118.2	100.2	86.6	75.3
10°	668.8	645.5	614.6	528.0	390.1	272.6	267.4	172.5	119.8	93.4	76.8
12.5°	1095.8	1114.7	1052.9	916.6	755.4	561.9	524.2	290.7	158.2	102.4	78.3
15°	1484.5	1480.0	1445.3	1333.8	1147.8	890.2	866.9	505.4	226.7	116.7	79.8
17.5°	1775.2	1769.9	1736.8	1665.2	1522.1	1264.6	1244.2	805.9	355.5	137.1	81.3
20°	2081.7	2075.0	2028.3	1971.0	1846.0	1626.8	1602.7	1141.8	556.6	170.2	81.3
22.5°	2449.3	2436.5	2386.8	2289.6	2157.8	1967.3	1945.4	1485.2	805.9	224.4	85.1
25°	2893.6	2871.8	2803.3	2715.9	2557.0	2303.9	2280.6	1867.8	1106.4	306.5	88.9
27.5°	3400.5	3404.3	3311.6	3164.0	2950.9	2692.5	2648.9	2210.5	1417.4	424.0	93.4
30°	4002.3	3964.6	3834.3	3662.6	3455.5	3126.4	3084.2	2551.7	1766.9	597.3	100.9
32.5°	4565.7	4525.0	4349.5	4133.3	3911.2	3564.0	3529.3	2935.1	2084.7	802.1	114.5
35°	5049.2	5020.6	4775.0	4511.4	4314.1	4003.8	3993.3	3362.9	2458.3	1022.8	129.5
37.5°	5474.7	5422.8	5107.2	4833.8	4633.4	4355.5	4332.9	3754.5	2818.3	1278.9	152.1
40°	5837.7	5809.1	5424.3	5065.0	4902.3	4653.8	4625.2	4097.9	3190.4	1576.4	180.0
42.5°	6226.4	6188.7	5815.2	5412.2	5112.5	4846.6	4827.8	4381.1	3521.8	1903.2	221.4
45°	6665.5	6595.4	6267.8	5906.3	5450.6	5046.2	5025.1	4633.4	3861.5	2254.2	271.9
47.5°	7134.7	7073.7	6808.6	6554.8	6030.6	5375.3	5330.1	4848.1	4198.9	2659.4	335.9
50°	7612.2	7613.7	7414.9	7292.9	6739.3	5910.0	5846.0	5163.7	4553.6	3093.2	430.8
52.5°	8168.0	8182.3	8179.3	8088.9	7659.6	6784.5	6698.6	5642.7	4965.6	3599.4	561.9
55°	8400.8	8426.4	8592.8	8793.1	8676.4	7893.1	7801.2	6468.9	5511.6	4163.5	756.2
57.5°	8210.2	8238.8	8468.5	8819.5	9087.6	8863.9	8853.4	7544.4	6230.9	4847.3	1074.0
59°	7983.5	7979.7	8215.5	8587.5	8949.1	9094.4	9109.5	8272.0	6857.5	5327.1	1348.2
60°	7832.9	7835.9	7992.5	8374.4	8758.5	9010.8	9069.6	8700.5	7223.6	5672.1	1583.1
62.5°	7251.4	7286.1	7410.3	7765.1	8129.6	8411.3	8511.5	9082.4	8271.2	6487.0	2400.3
65°	6619.5	6621.8	6798.8	7102.3	7451.8	7649.8	7713.1	8488.1	8970.9	7317.0	3472.1
67.5°	5492.0	5538.0	5739.1	6230.9	6692.6	6943.4	6991.6	7388.5	8680.9	7857.7	4009.1
70°	3843.4	3903.6	4190.6	4828.5	5516.1	5928.1	5925.1	6142.0	7640.1	7616.7	3399.0
72.5°	1919.1	2023.0	2257.2	2940.3	3773.3	4420.3	4556.6	4940.7	6137.5	6326.5	2535.9
75°	848.1	854.1	987.4	1331.6	1875.4	2697.1	2819.1	3921.7	4708.8	4396.9	1831.7
77.5°	493.3	497.8	521.9	598.0	759.9	1321.8	1458.9	2572.0	3327.5	2555.5	1194.5
80°	179.3	183.8	183.0	226.7	332.9	520.4	579.9	1246.5	2219.6	1345.9	625.9
82.5°	110.0	110.0	106.2	106.9	121.3	199.6	218.4	531.0	1080.8	662.8	179.3
85°	54.2	57.2	61.0	68.5	81.3	98.7	104.7	152.1	363.8	160.4	42.9
87.5°	32.4	33.1	36.2	43.7	54.2	70.8	75.3	103.2	130.3	107.7	10.5
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°	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
2.5°	71.6	70.8	67.0	64.0	61.0	58.0	55.7	53.5	53.5	54.2	53.5
5°	71.6	68.5	62.5	57.2	52.7	49.0	45.2	42.2	41.4	41.4	42.2
7.5°	70.8	67.0	58.7	52.0	45.9	40.7	36.9	33.1	32.4	33.1	32.4
10°	70.0	65.5	55.7	47.4	39.2	33.9	28.6	24.9	24.9	24.9	25.6
12.5°	70.0	63.3	52.7	42.9	33.9	27.9	22.6	18.8	18.1	18.1	18.1
15°	69.3	61.8	49.7	37.7	28.6	21.1	16.6	12.8	12.8	12.8	12.8
17.5°	67.8	59.5	45.9	33.1	22.6	15.8	11.3	7.5	7.5	9.0	9.0
20°	66.3	57.2	41.4	27.1	18.8	12.1	7.5	4.5	4.5	6.8	7.5
22.5°	67.0	57.2	38.4	24.1	15.1	9.0	6.0	3.8	3.0	5.3	6.8
25°	67.8	55.7	34.6	21.1	11.3	6.8	4.5	1.5	0.8	1.5	2.3
27.5°	67.8	54.2	30.1	16.6	8.3	5.3	2.3	0.0	0.0	0.0	0.0
30°	67.0	52.0	26.4	13.6	6.0	3.0	0.8	0.0	0.0	0.0	0.0
32.5°	66.3	49.7	24.1	10.5	5.3	1.5	0.0	0.0	0.0	0.0	0.0
35°	67.0	46.7	21.1	8.3	3.0	0.0	0.0	0.0	0.0	0.0	1.5
37.5°	69.3	43.7	18.1	6.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0
40°	72.3	41.4	15.1	5.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	78.3	41.4	13.6	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	85.9	41.4	11.3	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	95.7	42.2	9.8	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	107.7	43.7	9.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	116.7	42.2	8.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	132.6	40.7	7.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	153.6	38.4	7.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	174.7	35.4	7.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	198.8	33.9	6.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	328.4	30.1	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	634.2	28.6	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1025.1	28.6	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1077.8	28.6	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	717.0	23.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	384.1	21.1	2.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	207.1	19.6	3.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	91.1	14.3	3.8	2.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	36.2	9.8	4.5	3.8	3.0	1.5	0.0	0.0	0.0	0.0	0.0
85°	17.3	7.5	6.0	5.3	3.8	2.3	0.0	0.0	0.0	0.0	0.0
87.5°	8.3	7.5	6.8	6.0	5.3	3.8	0.8	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: SP1-2407-184-7

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-757-U-5WQ

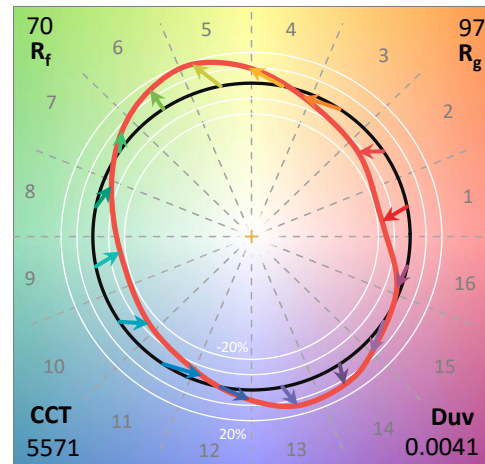
Data in this report applies to families of products including GSS-SB1A-757-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-7
 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-757-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 5700K CCT 26 LEDS

Spectral Parameters

CCT (K):	5571	CRI (Ra):	69.9		
CIE u':	0.2033	R1:	68.8	R9:	-35.4
CIE v':	0.4806	R2:	72.5	R10:	36.7
Duv:	0.0041	R3:	76.8	R11:	73.9
CIE x:	0.3308	R4:	72.0	R12:	47.8
CIE y:	0.3476	R5:	70.9	R13:	68.0
CIE z:	0.3216	R6:	65.6	R14:	87.0
Peak Wavelength (nm):	442	R7:	75.5	R15:	59.8
Dominant Wavelength (nm):	544	R8:	56.8		
Purity:	3.635698				
Rf:	70.4				
Rg:	97.1				



Test Conditions

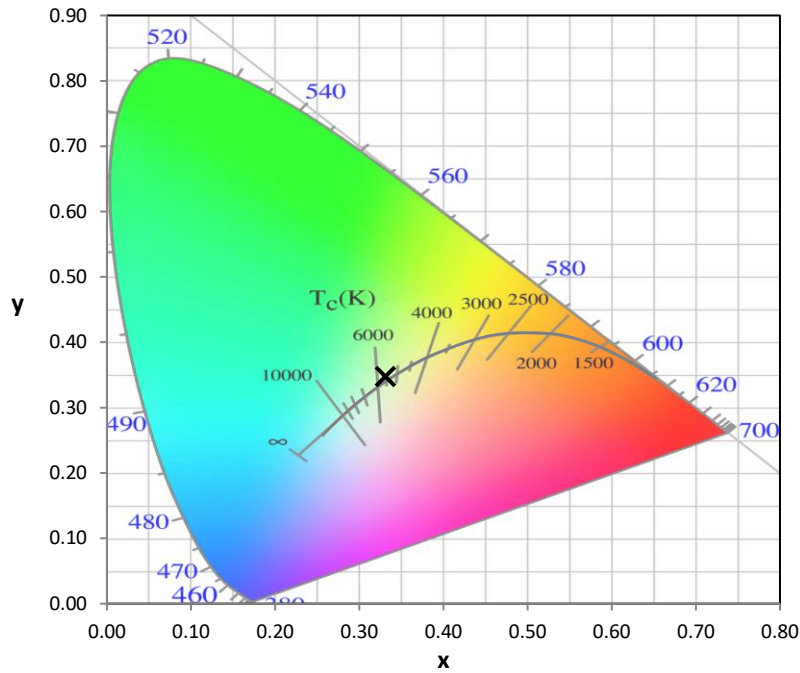
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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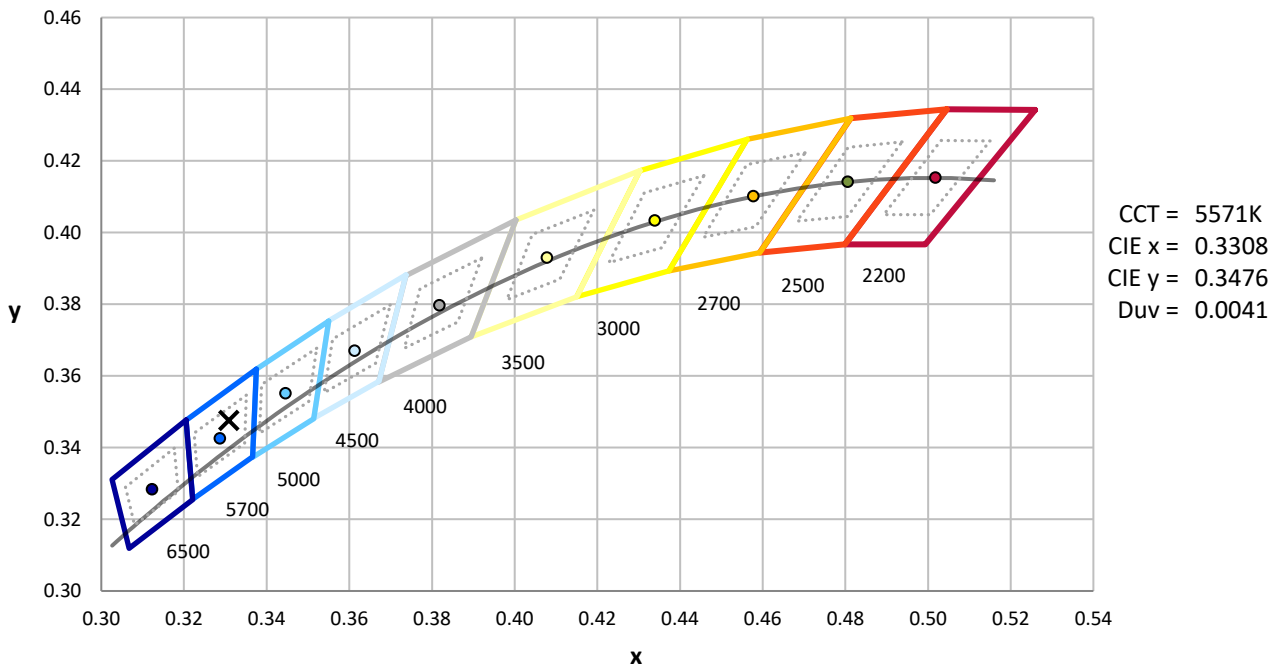
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



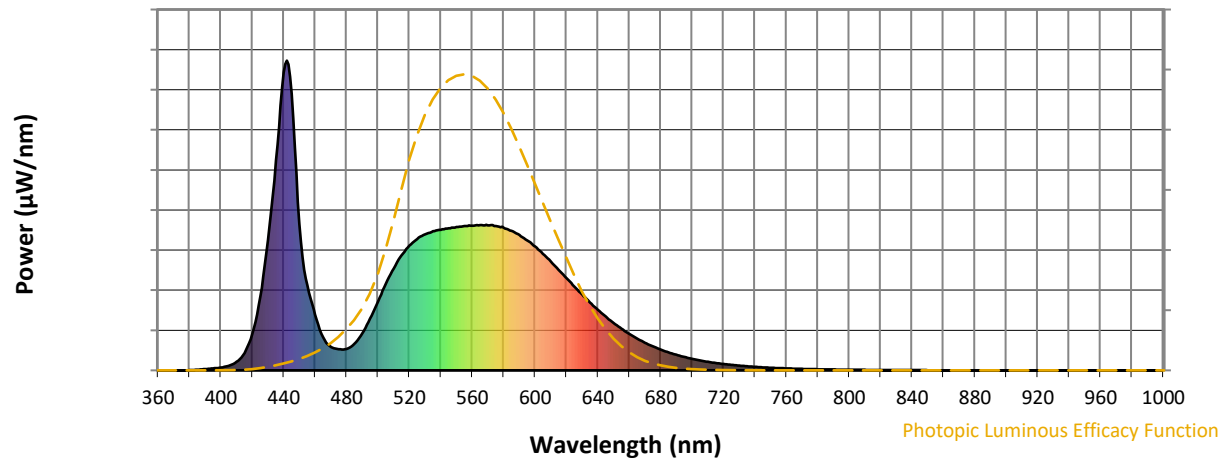
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5700K 4-step quadrangle

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Photopic Flux vs. Wavelength

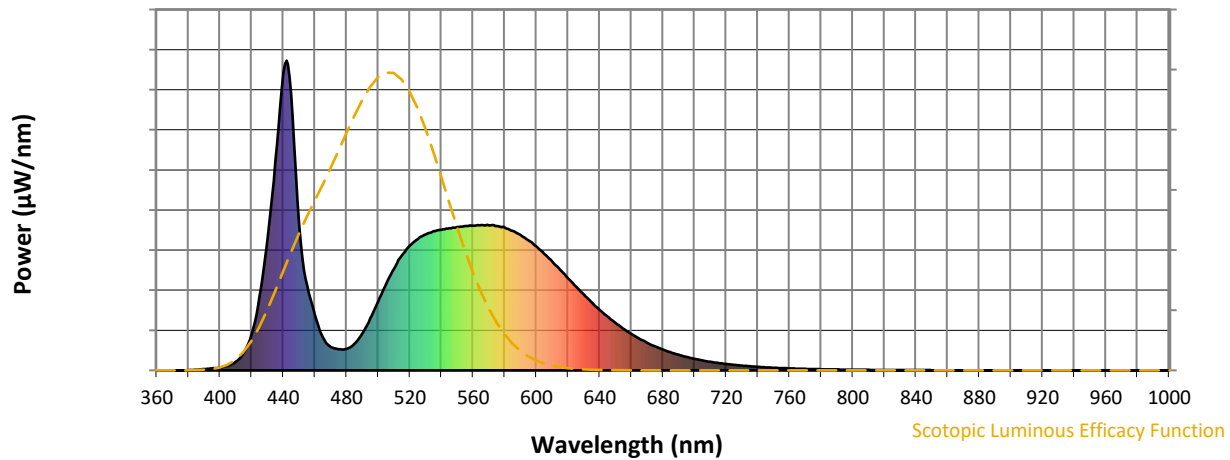


Photopic Lumens: NR

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



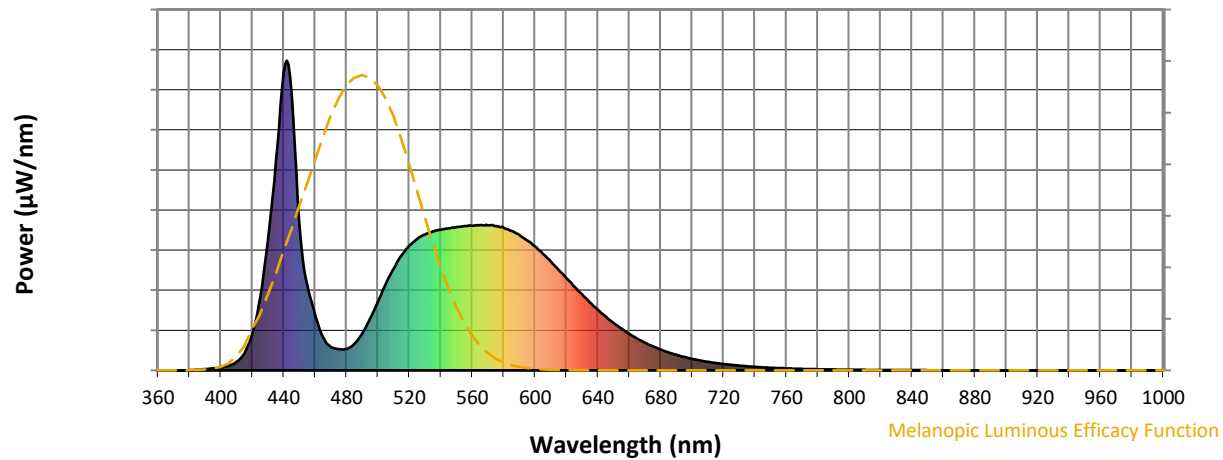
Scotopic Lumens: NR

S/P: 1.84

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.71

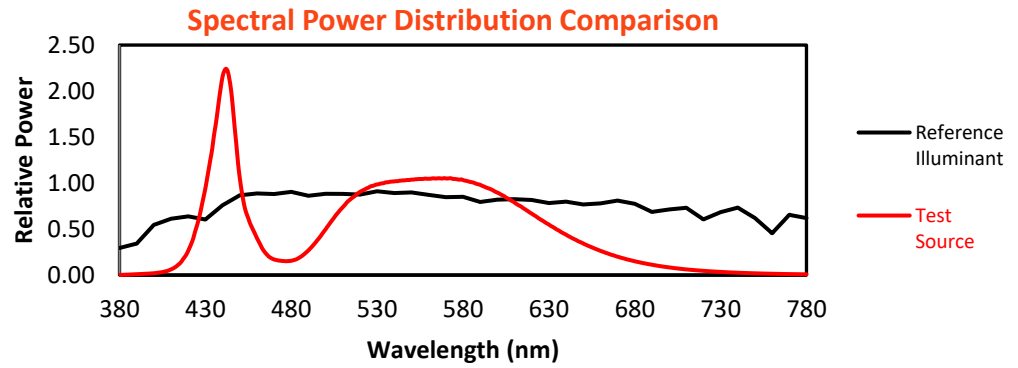
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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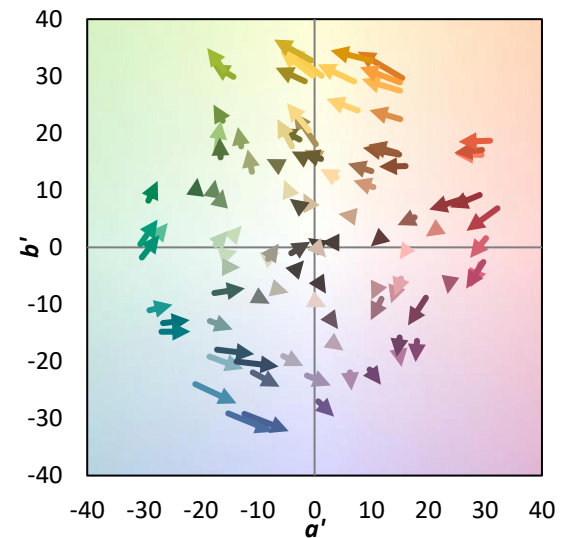
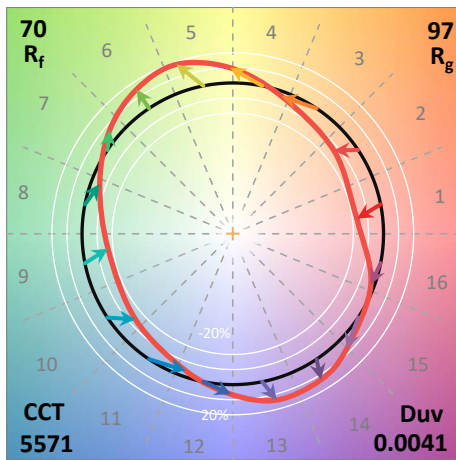
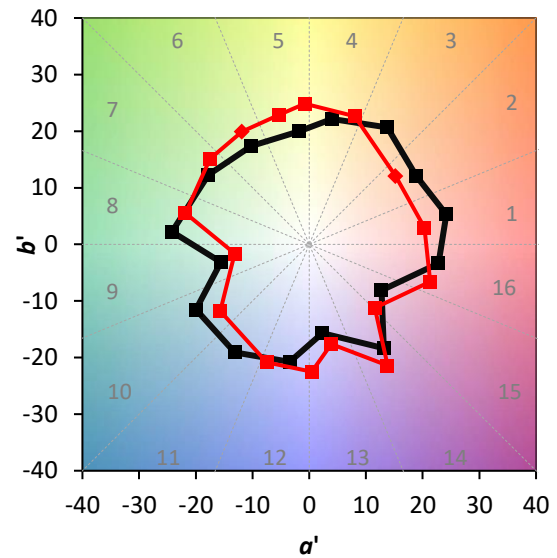
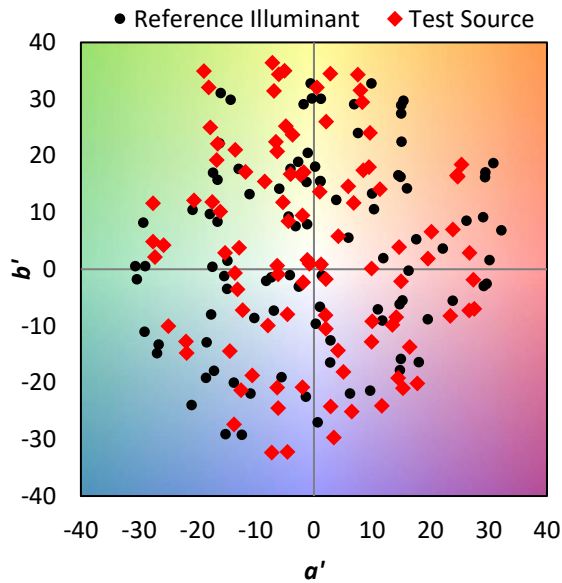
TM-30-18

Summary

$R_f = 70.4$
 $R_g = 97.1$
 $CIE R_a = 69.9$
 $R_g = -35.4$

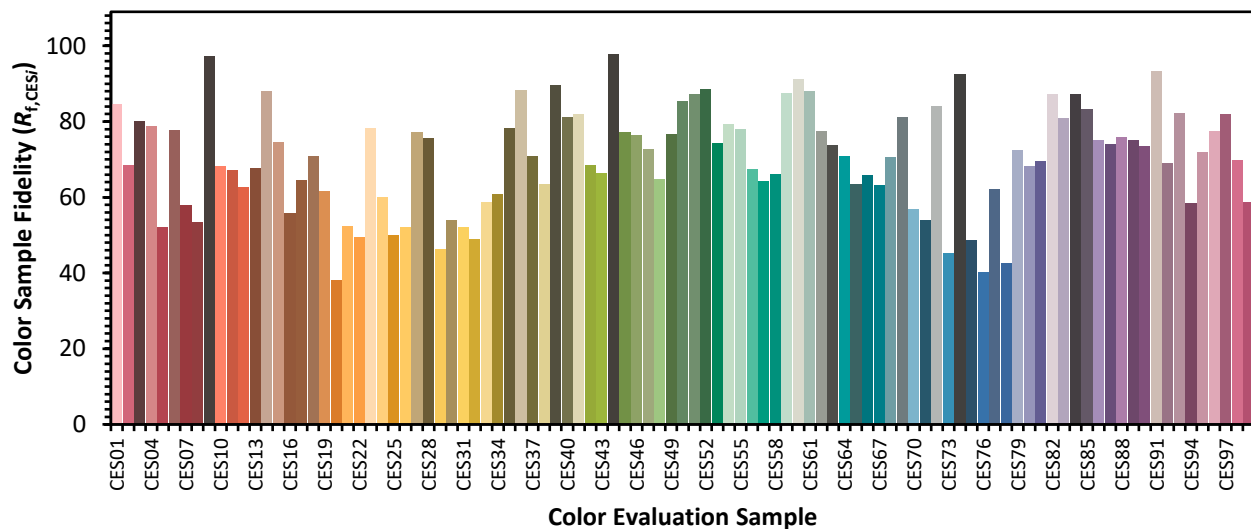


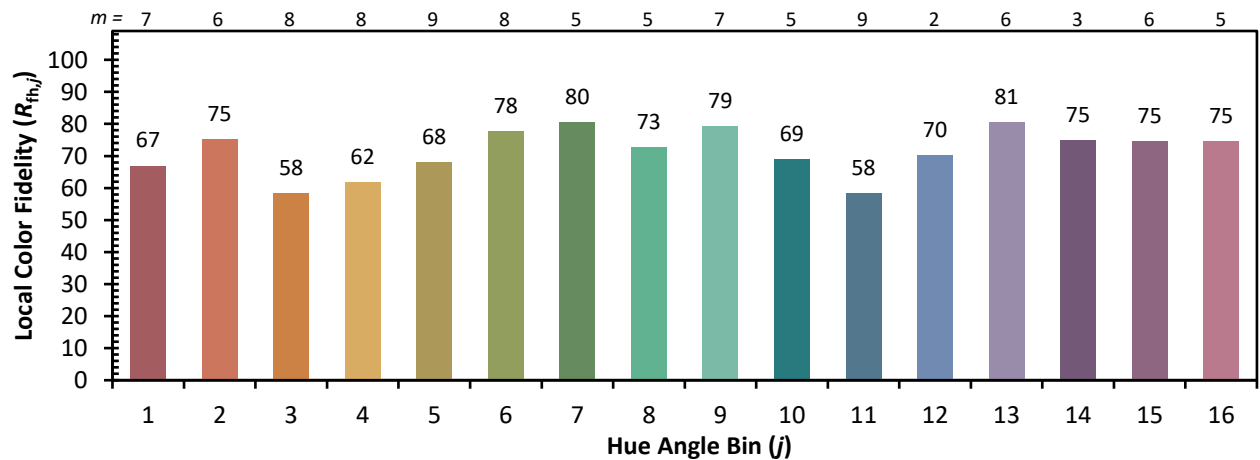
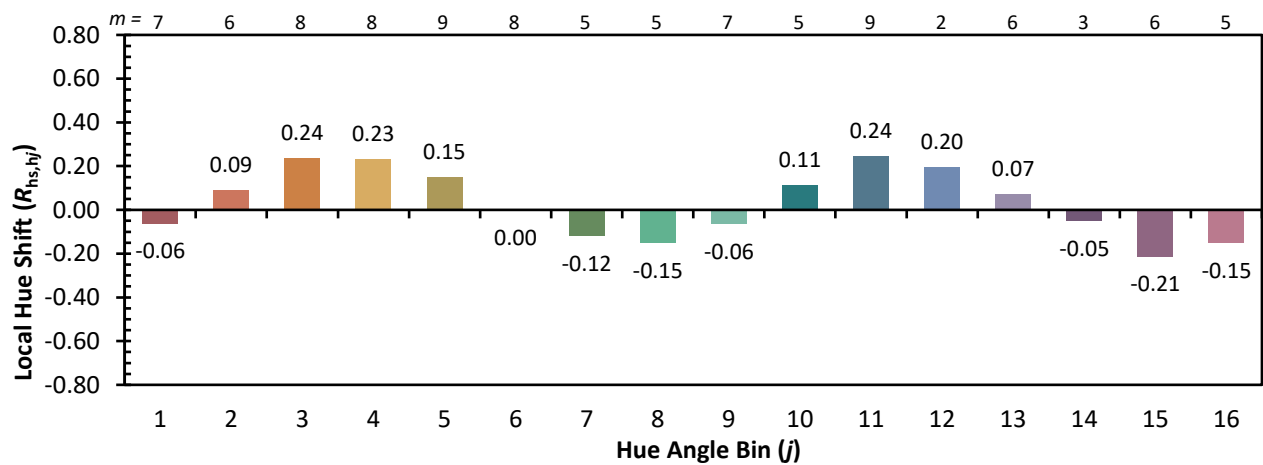
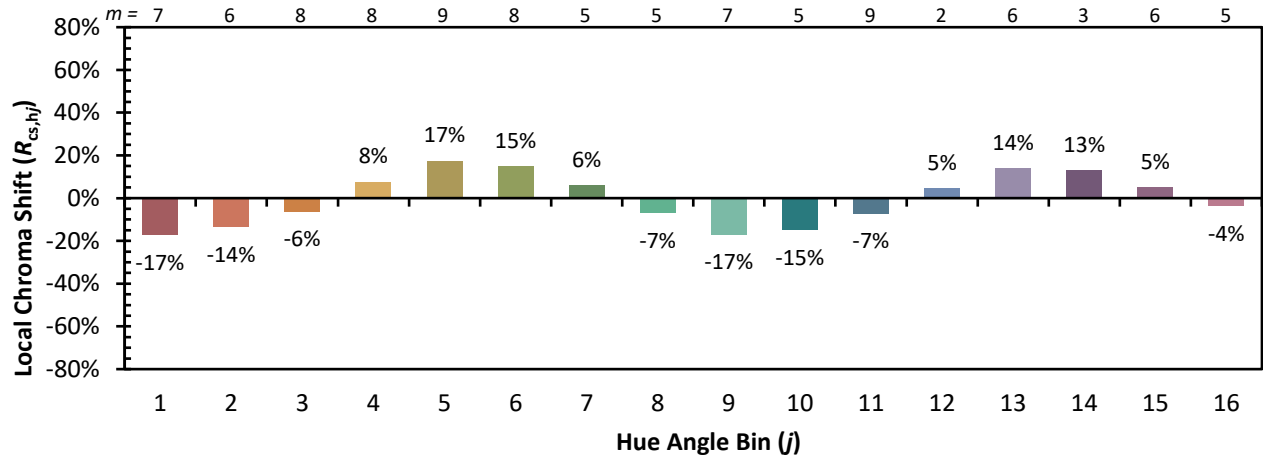
Color Vector Graphics



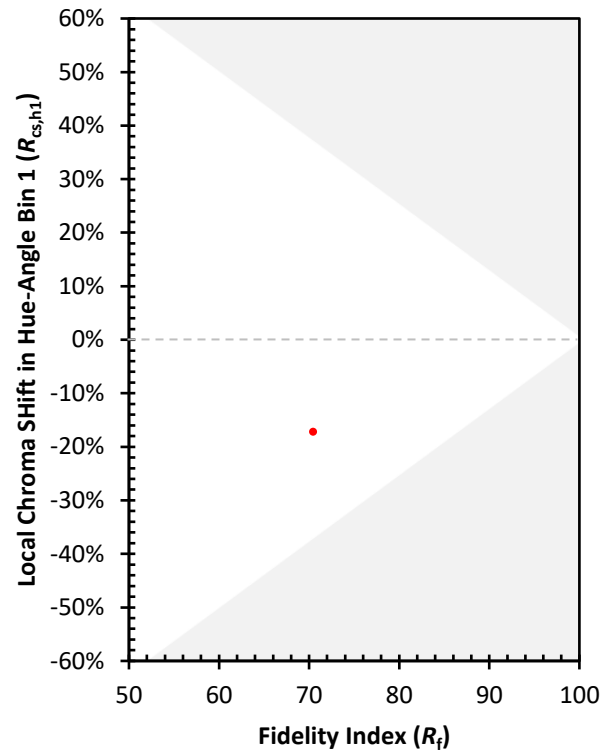
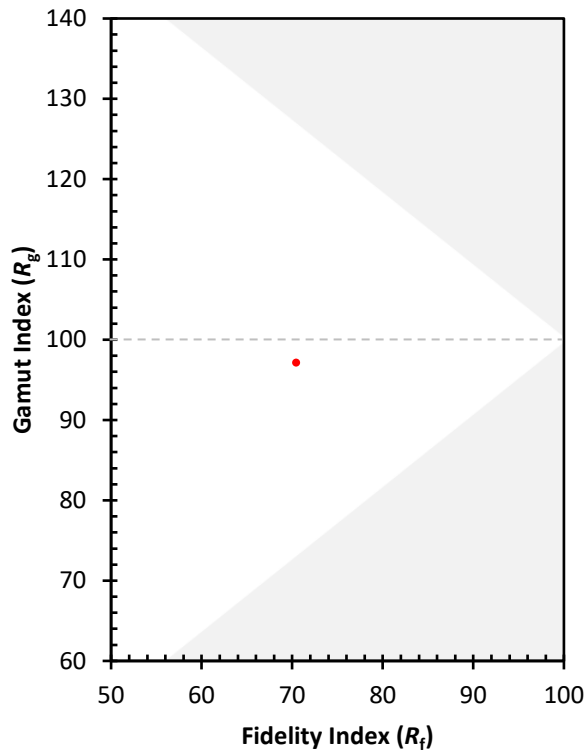
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82 = 87
CES08 = 37	CES33 = 59	CES58 = 66	CES83 = 81
CES09 = 29	CES34 = 61	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 78	CES60 = 91	CES85 = 83
CES11 = 55	CES36 = 88	CES61 = 88	CES86 = 75
CES12 = 61	CES37 = 71	CES62 = 77	CES87 = 74
CES13 = 41	CES38 = 64	CES63 = 74	CES88 = 76
CES14 = 74	CES39 = 90	CES64 = 71	CES89 = 75
CES15 = 70	CES40 = 81	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 82	CES66 = 66	CES91 = 93
CES17 = 48	CES42 = 69	CES67 = 63	CES92 = 69
CES18 = 55	CES43 = 67	CES68 = 71	CES93 = 82
CES19 = 70	CES44 = 98	CES69 = 81	CES94 = 58
CES20 = 63	CES45 = 77	CES70 = 57	CES95 = 72
CES21 = 85	CES46 = 76	CES71 = 54	CES96 = 78
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 45	CES98 = 70
CES24 = 90	CES49 = 77	CES74 = 92	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)