

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: P1065931

Luminaire Tested: **NVN-SA2C-835-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1065931
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA2C-835-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 2xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (28) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10236.4 lumens
Efficiency: N/A
Efficacy: 106.4 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): 96.2
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

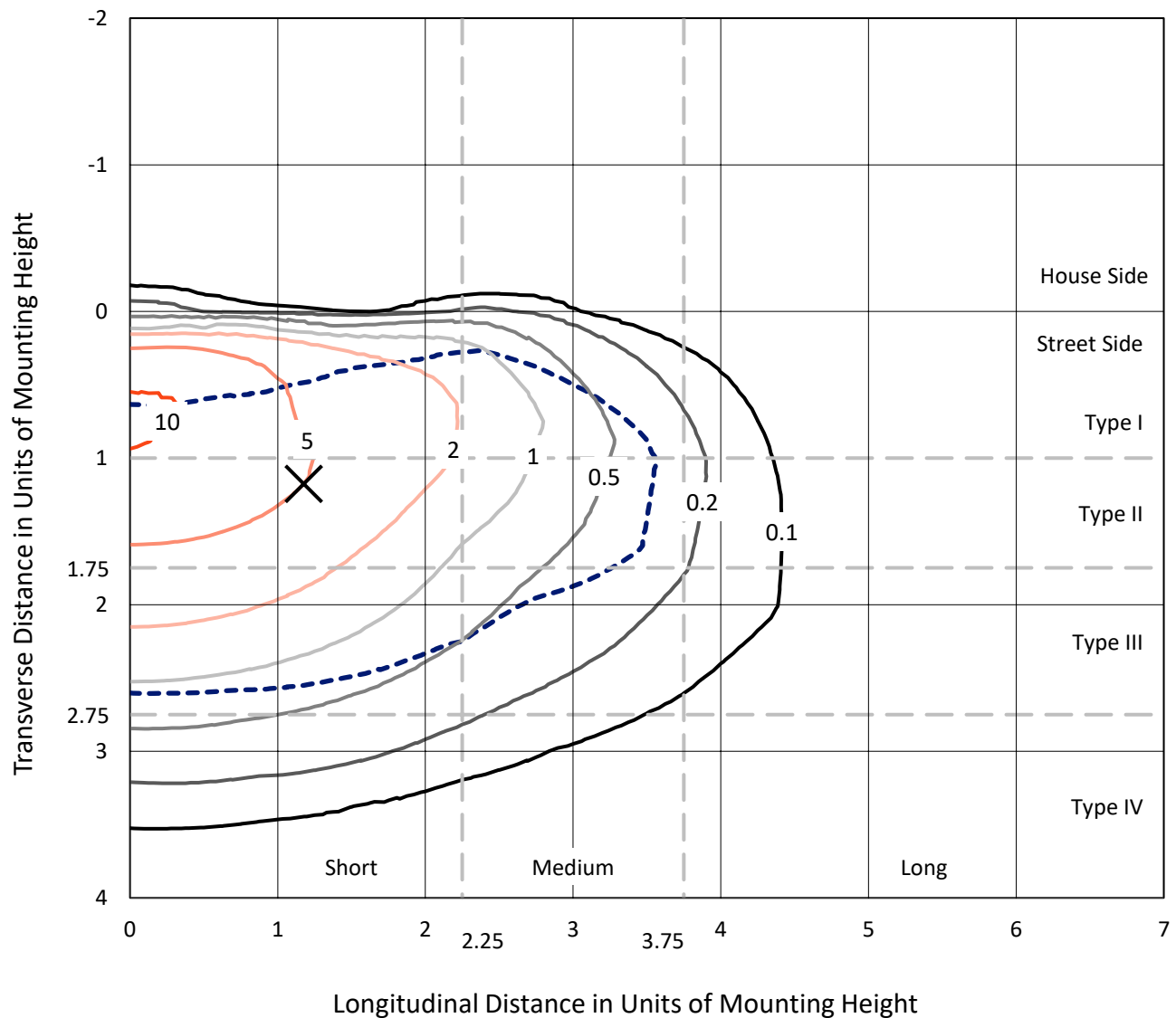


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CATALOG NUMBER: NVN-SA2C-835-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

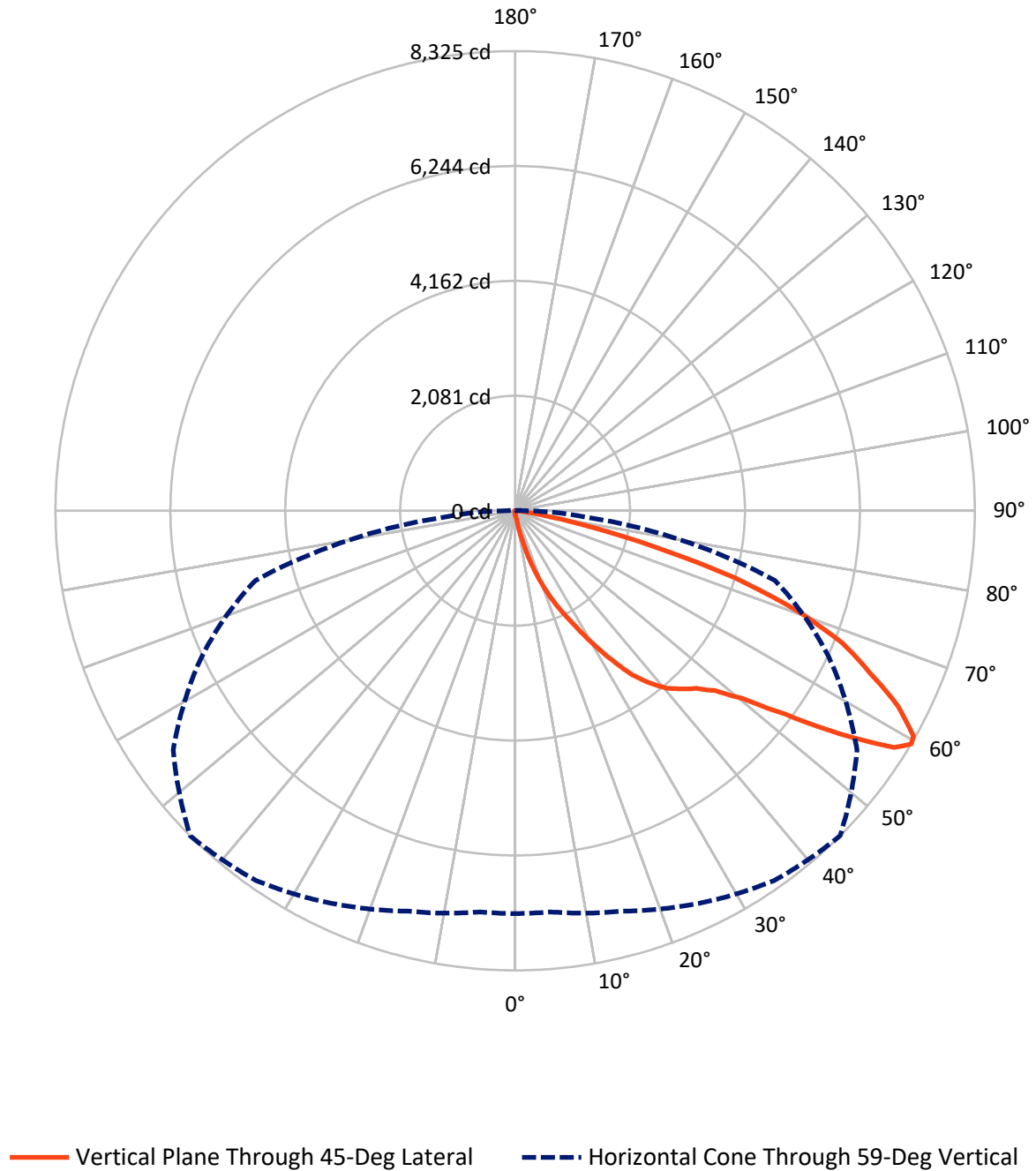
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 11.2 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	36.4	0.0	36.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	10200.0	0.0	10200.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	10236.4	0.0	10236.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.5	0.1
10°-20°	113.1	1.1
20°-30°	406.5	4.0
30°-40°	944.7	9.2
40°-50°	1610.1	15.7
50°-60°	2653.1	25.9
60°-70°	3067.5	30.0
70°-80°	1317.9	12.9
80°-90°	113.9	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°	10236.4	100.0
0°-180°	10236.4	100.0



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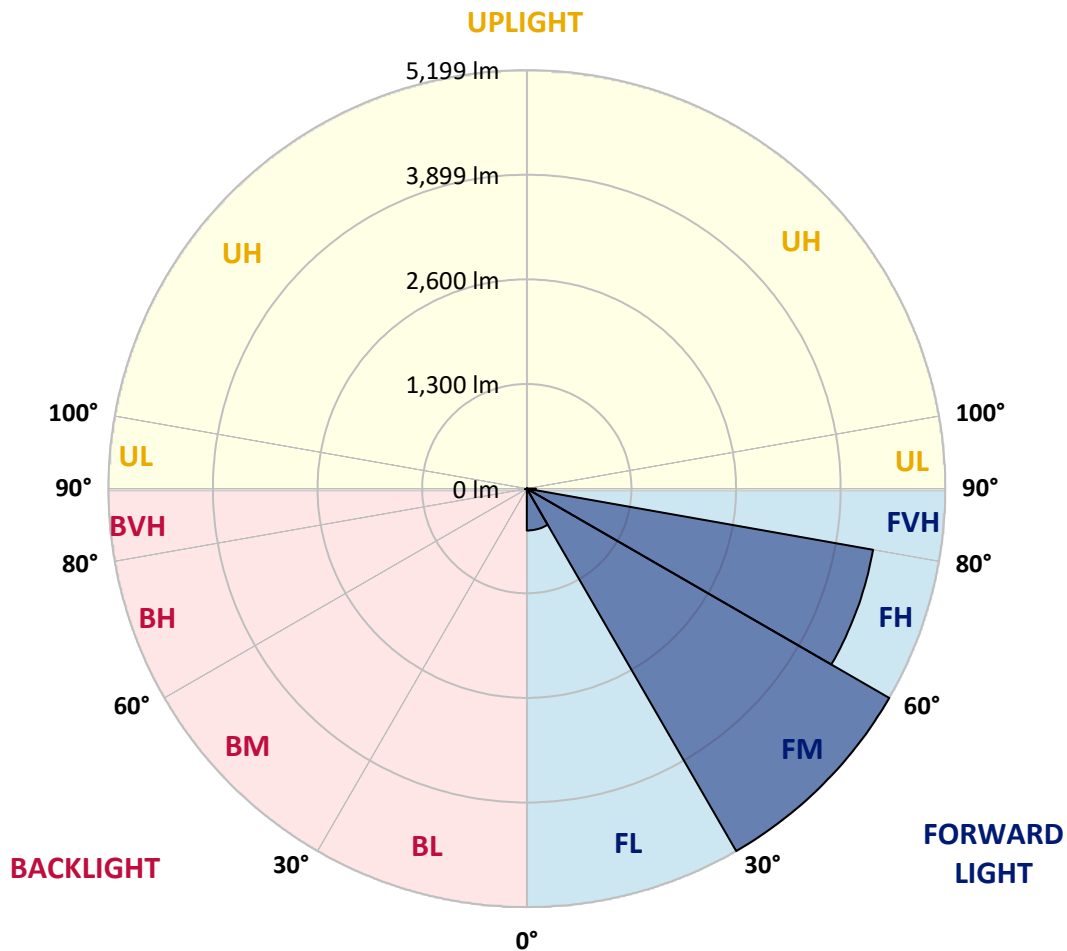
CATALOG NUMBER: NVN-SA2C-835-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	520.2	5.1			
FM	(30°-60°)	5199.1	50.8			
FH	(60°-80°)	4368.3	42.7			G2/5000
FVH	(80°-90°)	112.4	1.1			G2/225
BL	(0°-30°)	9.0	0.1	B0/110		
BM	(30°-60°)	8.8	0.1	B0/220		
BH	(60°-80°)	17.1	0.2	B0/110		G0/110
BVH	(80°-90°)	1.5	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°	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
2.5°	84.0	84.0	81.9	79.2	78.5	76.4	76.4	74.3	71.6	69.5	66.8
5°	121.8	121.1	115.6	108.8	99.8	94.3	94.3	86.7	79.8	73.6	68.1
7.5°	266.4	260.2	240.2	207.2	163.8	134.9	132.8	108.1	91.5	79.2	68.8
10°	611.2	589.9	561.6	482.5	356.5	249.2	244.3	157.6	109.4	85.3	70.2
12.5°	1001.5	1018.7	962.2	837.7	690.4	513.5	479.1	265.7	144.5	93.6	71.6
15°	1356.6	1352.5	1320.8	1219.0	1049.0	813.6	792.2	461.8	207.2	106.7	73.0
17.5°	1622.3	1617.5	1587.2	1521.8	1391.0	1155.6	1137.1	736.5	324.9	125.3	74.3
20°	1902.5	1896.3	1853.6	1801.3	1687.0	1486.7	1464.7	1043.5	508.7	155.6	74.3
22.5°	2238.3	2226.6	2181.2	2092.4	1972.0	1797.8	1777.9	1357.3	736.5	205.1	77.8
25°	2644.4	2624.5	2561.8	2482.0	2336.8	2105.5	2084.2	1707.0	1011.1	280.1	81.2
27.5°	3107.7	3111.1	3026.4	2891.5	2696.7	2460.7	2420.7	2020.1	1295.4	387.5	85.3
30°	3657.6	3623.2	3504.1	3347.2	3157.9	2857.1	2818.6	2331.9	1614.7	545.8	92.2
32.5°	4172.5	4135.3	3974.9	3777.4	3574.3	3257.0	3225.4	2682.3	1905.2	733.0	104.6
35°	4614.3	4588.2	4363.8	4122.9	3942.6	3659.0	3649.3	3073.2	2246.6	934.7	118.4
37.5°	5003.2	4955.7	4667.3	4417.5	4234.4	3980.4	3959.8	3431.2	2575.6	1168.7	139.0
40°	5335.0	5308.8	4957.1	4628.8	4480.1	4253.0	4226.8	3745.0	2915.6	1440.6	164.5
42.5°	5690.1	5655.7	5314.3	4946.1	4672.2	4429.2	4412.0	4003.8	3218.5	1739.3	202.4
45°	6091.4	6027.4	5728.0	5397.6	4981.2	4611.6	4592.3	4234.4	3528.9	2060.1	248.5
47.5°	6520.2	6464.5	6222.2	5990.2	5511.2	4912.4	4871.1	4430.6	3837.3	2430.4	307.0
50°	6956.6	6958.0	6776.3	6664.8	6158.9	5401.1	5342.6	4719.0	4161.4	2826.8	393.7
52.5°	7464.6	7477.7	7474.9	7392.3	7000.0	6200.2	6121.7	5156.7	4537.9	3289.4	513.5
55°	7677.3	7700.7	7852.8	8035.9	7929.2	7213.3	7129.4	5911.8	5037.0	3804.9	691.0
57.5°	7503.1	7529.3	7739.2	8060.0	8305.0	8100.6	8090.9	6894.7	5694.3	4429.9	981.5
59°	7295.9	7292.5	7507.9	7848.0	8178.3	8311.2	8324.9	7559.6	6266.9	4868.3	1232.1
60°	7158.3	7161.0	7304.2	7653.2	8004.2	8234.8	8288.5	7951.2	6601.5	5183.6	1446.8
62.5°	6626.9	6658.6	6772.1	7096.3	7429.5	7686.9	7778.4	8300.2	7558.9	5928.3	2193.6
65°	6049.4	6051.5	6213.3	6490.6	6810.0	6991.0	7048.8	7757.1	8198.3	6686.8	3173.0
67.5°	5019.1	5061.0	5244.8	5694.3	6116.2	6345.4	6389.5	6752.2	7933.3	7181.0	3663.8
70°	3512.4	3567.4	3829.7	4412.7	5041.1	5417.6	5414.8	5613.1	6982.1	6960.7	3106.3
72.5°	1753.8	1848.8	2062.8	2687.1	3448.4	4039.6	4164.2	4515.2	5608.9	5781.7	2317.5
75°	775.0	780.5	902.4	1216.9	1713.9	2464.8	2576.3	3584.0	4303.2	4018.3	1673.9
77.5°	450.8	455.0	477.0	546.5	694.5	1208.0	1333.2	2350.5	3040.9	2335.4	1091.6
80°	163.8	167.9	167.3	207.2	304.2	475.6	530.0	1139.1	2028.4	1230.0	572.0
82.5°	100.5	100.5	97.0	97.7	110.8	182.4	199.6	485.2	987.7	605.7	163.8
85°	49.6	52.3	55.8	62.6	74.3	90.2	95.7	139.0	332.4	146.6	39.2
87.5°	29.6	30.3	33.0	39.9	49.6	64.7	68.8	94.3	119.1	98.4	9.6
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-SA2C-835-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
2.5°	65.4	64.7	61.3	58.5	55.8	53.0	50.9	48.9	48.9	49.6	48.9
5°	65.4	62.6	57.1	52.3	48.2	44.7	41.3	38.5	37.9	37.9	38.5
7.5°	64.7	61.3	53.7	47.5	42.0	37.2	33.7	30.3	29.6	30.3	29.6
10°	64.0	59.9	50.9	43.4	35.8	31.0	26.2	22.7	22.7	22.7	23.4
12.5°	64.0	57.8	48.2	39.2	31.0	25.5	20.6	17.2	16.5	16.5	16.5
15°	63.3	56.4	45.4	34.4	26.2	19.3	15.1	11.7	11.7	11.7	11.7
17.5°	61.9	54.4	42.0	30.3	20.6	14.5	10.3	6.9	6.9	8.3	8.3
20°	60.6	52.3	37.9	24.8	17.2	11.0	6.9	4.1	4.1	6.2	6.9
22.5°	61.3	52.3	35.1	22.0	13.8	8.3	5.5	3.4	2.8	4.8	6.2
25°	61.9	50.9	31.7	19.3	10.3	6.2	4.1	1.4	0.7	1.4	2.1
27.5°	61.9	49.6	27.5	15.1	7.6	4.8	2.1	0.0	0.0	0.0	0.0
30°	61.3	47.5	24.1	12.4	5.5	2.8	0.7	0.0	0.0	0.0	0.0
32.5°	60.6	45.4	22.0	9.6	4.8	1.4	0.0	0.0	0.0	0.0	0.0
35°	61.3	42.7	19.3	7.6	2.8	0.0	0.0	0.0	0.0	0.0	1.4
37.5°	63.3	39.9	16.5	6.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0
40°	66.1	37.9	13.8	4.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	71.6	37.9	12.4	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	78.5	37.9	10.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	87.4	38.5	8.9	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	98.4	39.9	8.3	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	106.7	38.5	7.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	121.1	37.2	6.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	140.4	35.1	6.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	159.7	32.3	6.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	181.7	31.0	6.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	300.1	27.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	579.5	26.2	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	936.8	26.2	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	985.0	26.2	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	655.3	21.3	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	351.0	19.3	2.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	189.3	17.9	2.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	83.3	13.1	3.4	2.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	33.0	8.9	4.1	3.4	2.8	1.4	0.0	0.0	0.0	0.0	0.0
85°	15.8	6.9	5.5	4.8	3.4	2.1	0.0	0.0	0.0	0.0	0.0
87.5°	7.6	6.9	6.2	5.5	4.8	3.4	0.7	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: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

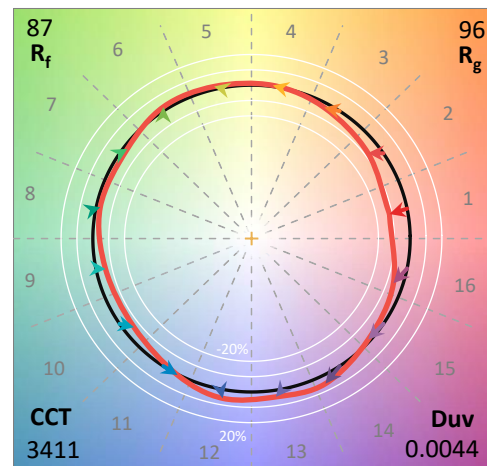
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-10
 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-835-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3411
 CIE u' : 0.2360
 CIE v' : 0.5189
 Duv: 0.0044
 CIE x: 0.4154
 CIE y: 0.4059
 CIE z: 0.1787
 Peak Wavelength (nm): 601
 Dominant Wavelength (nm): 579
 Purity: 46.51914
 R_f: 86.6
 R_g: 95.9

CRI (Ra): 83.5
 R1: 81.1
 R2: 88.9
 R3: 97.2
 R4: 83.8
 R5: 81.7
 R6: 86.9
 R7: 86.1
 R8: 62.2
 R9: 6.3
 R10: 75.4
 R11: 84.1
 R12: 69.7
 R13: 82.8
 R14: 98.5
 R15: 72.6



Test Conditions

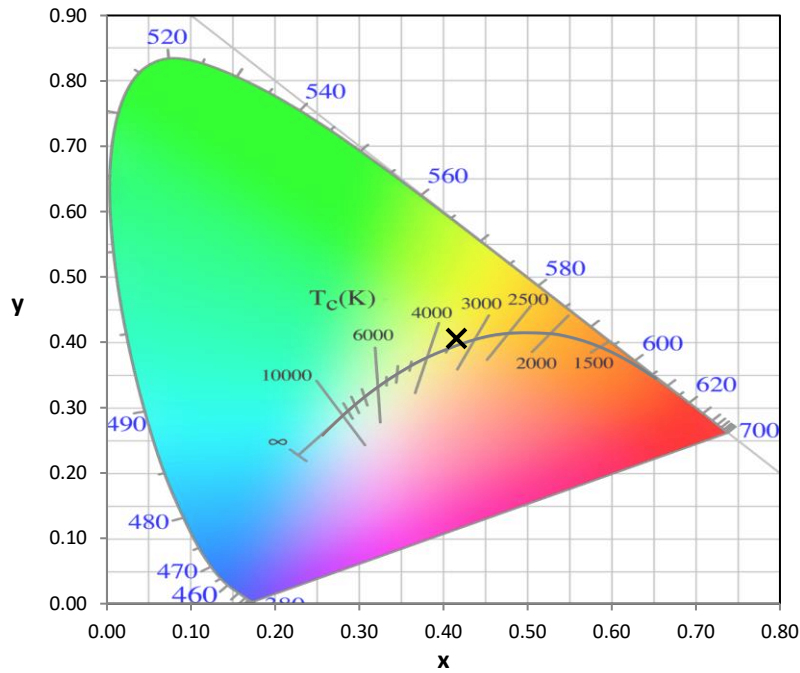
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

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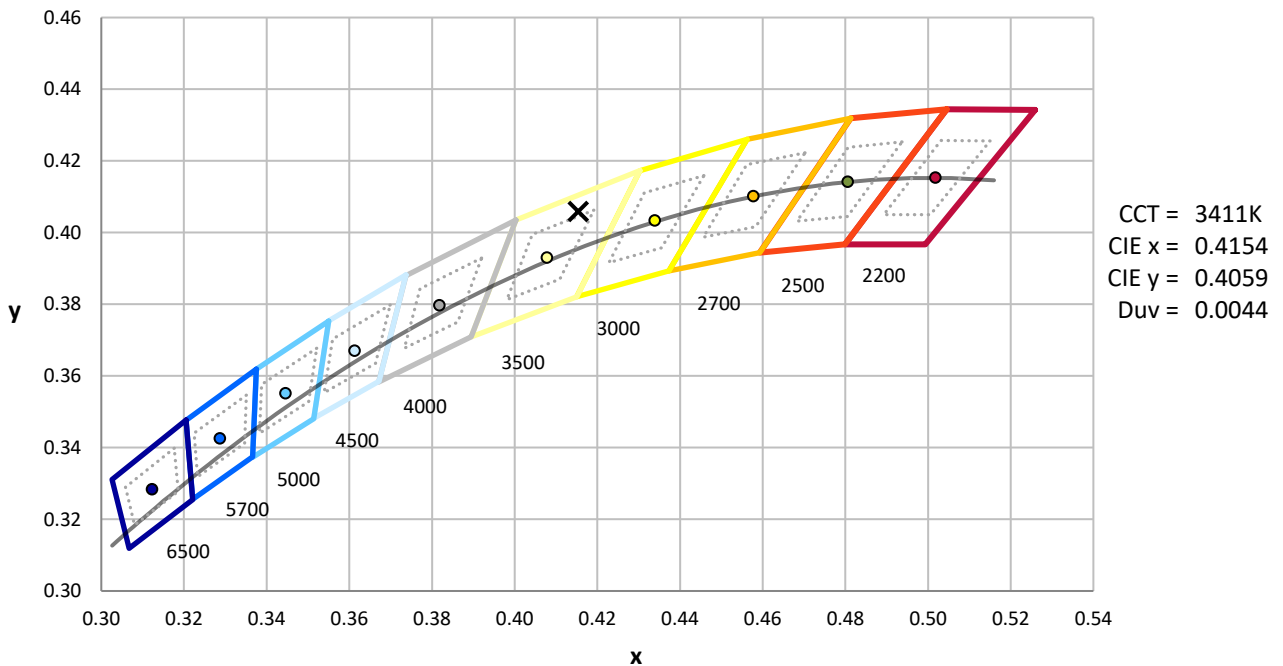
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



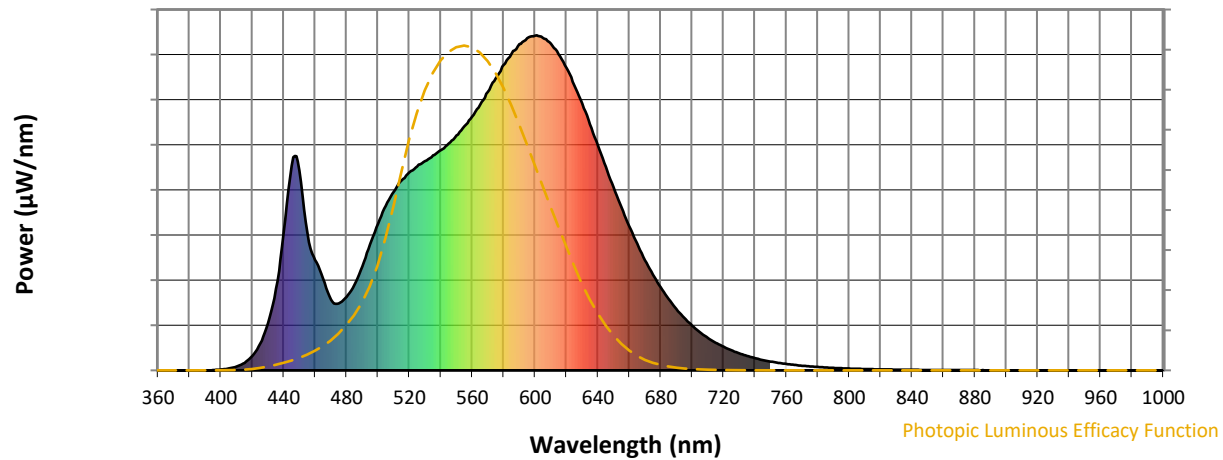
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

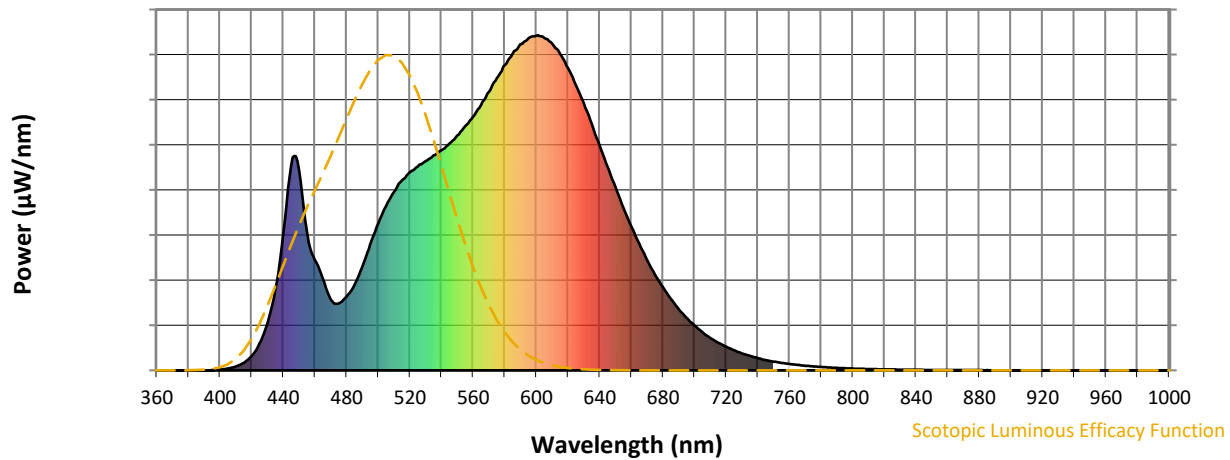


Photopic Lumens: NR

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



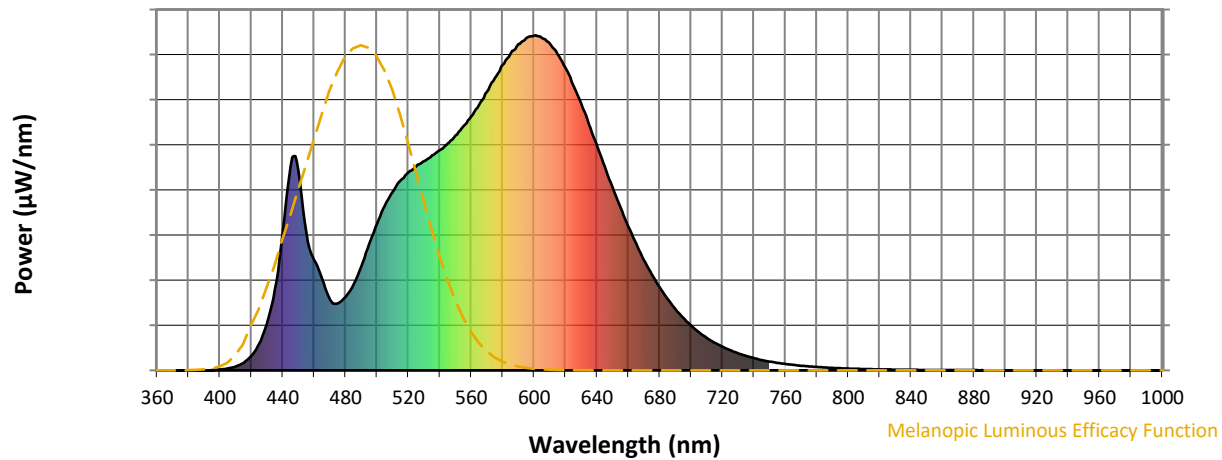
Scotopic Lumens: NR

S/P: 1.48

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.88

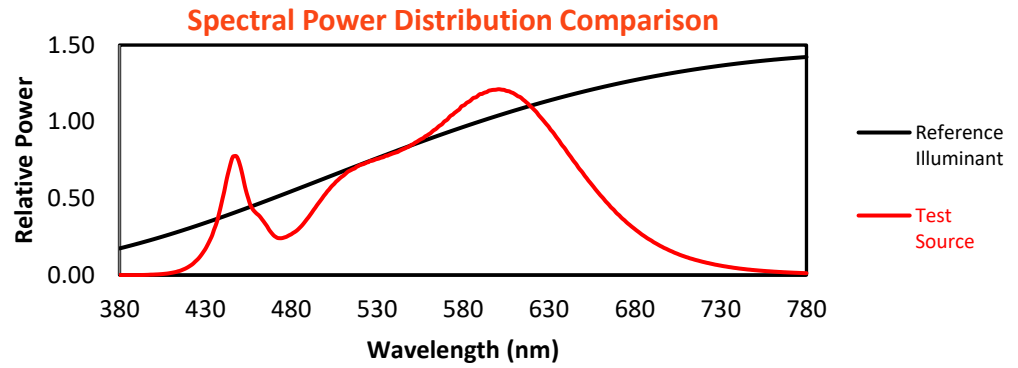
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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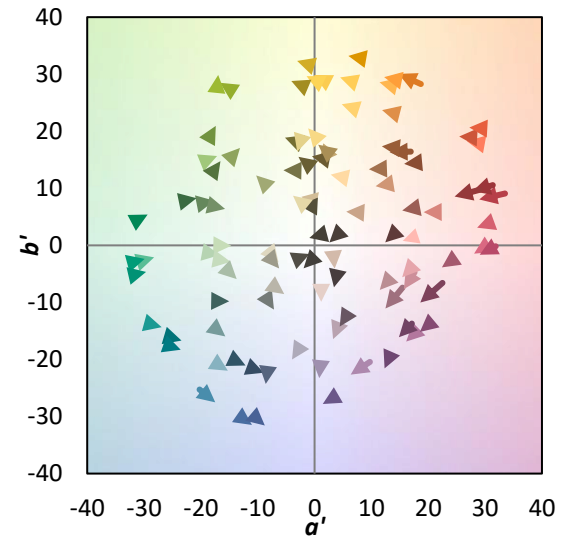
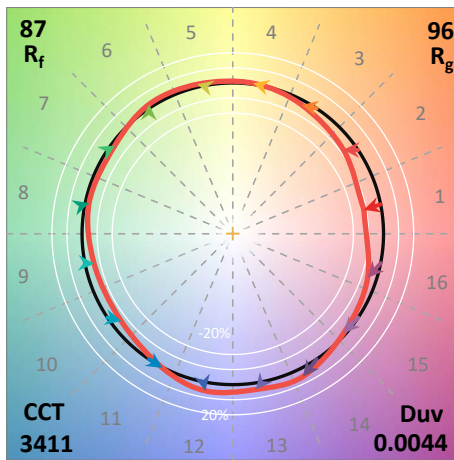
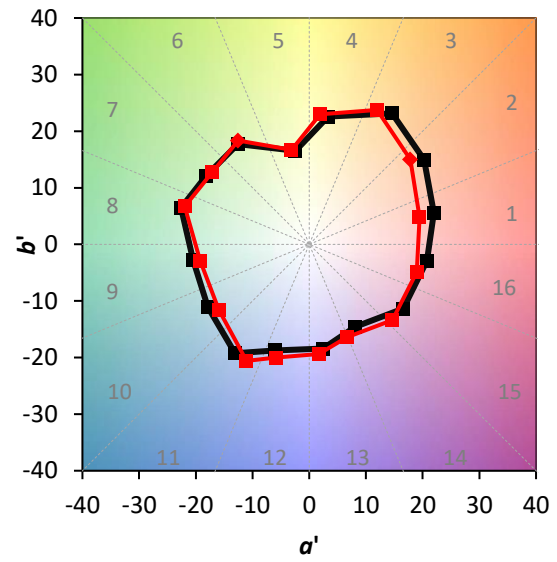
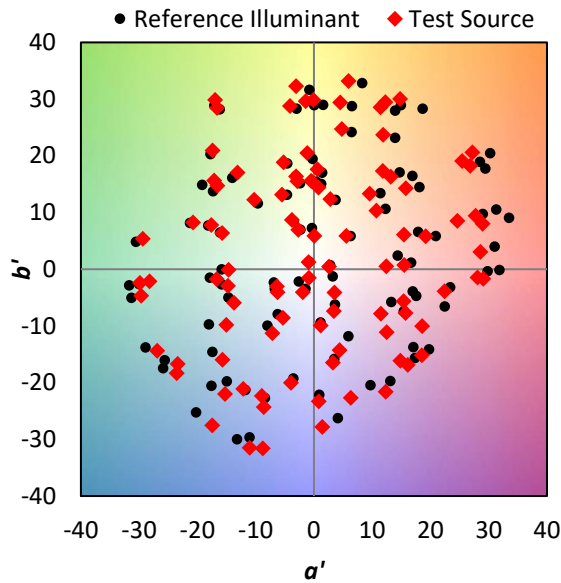
TM-30-18

Summary

$R_f = 86.6$
 $R_g = 95.9$
 $CIE R_a = 83.5$
 $R_9 = 6.3$

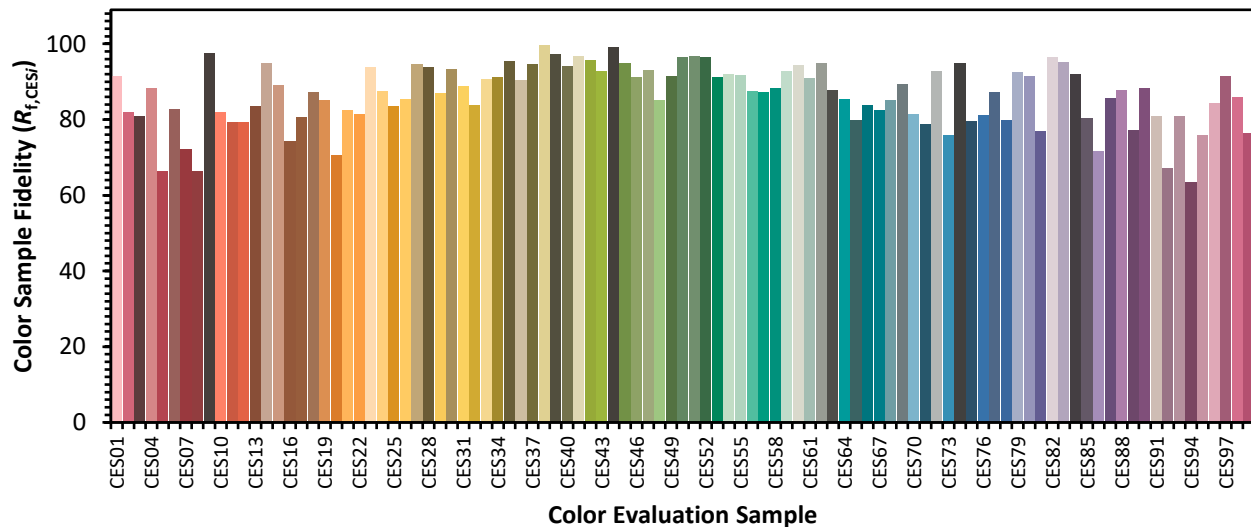


Color Vector Graphics

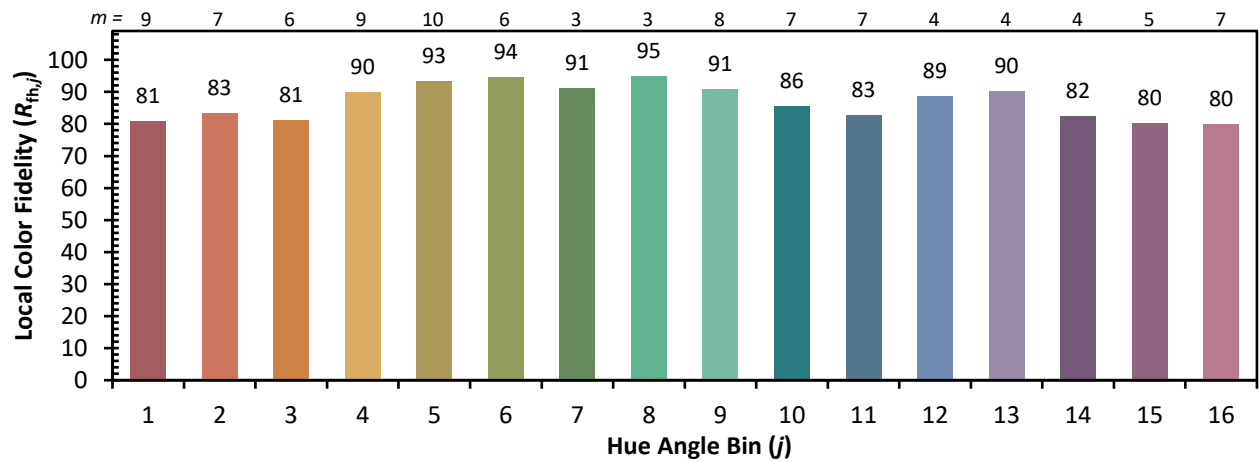
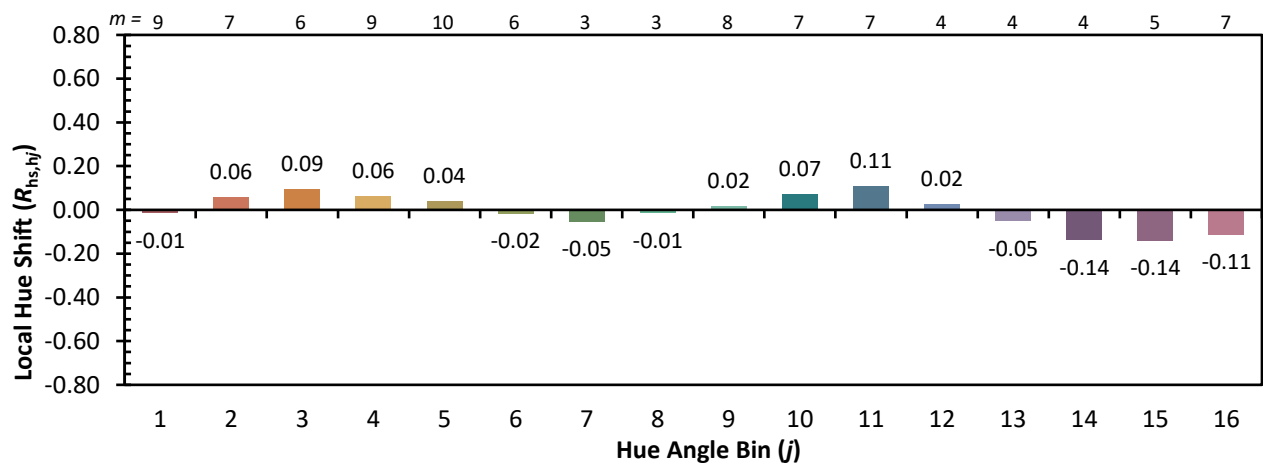
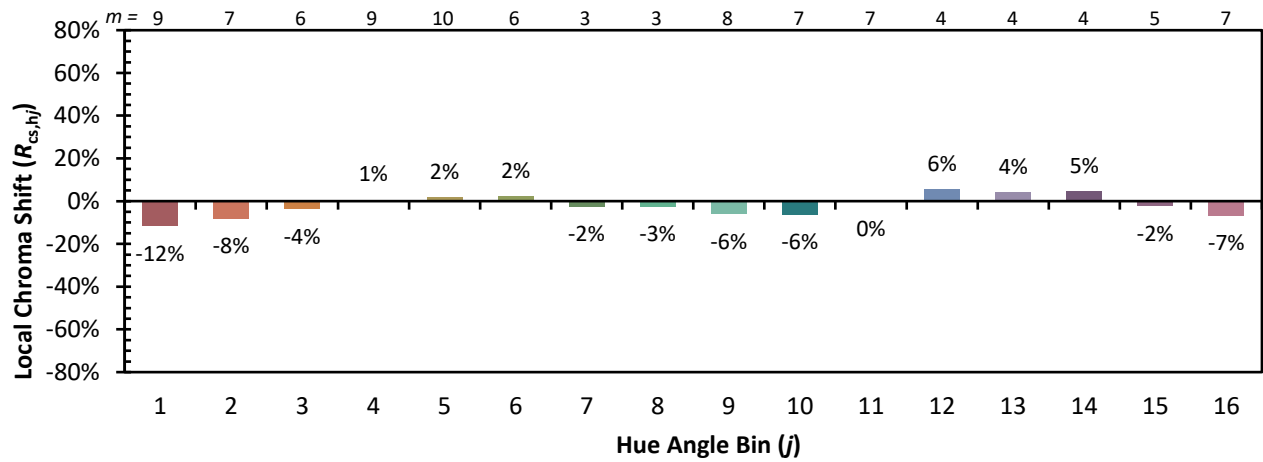


Individual Sample Fidelity Index ($R_{f,i}$)

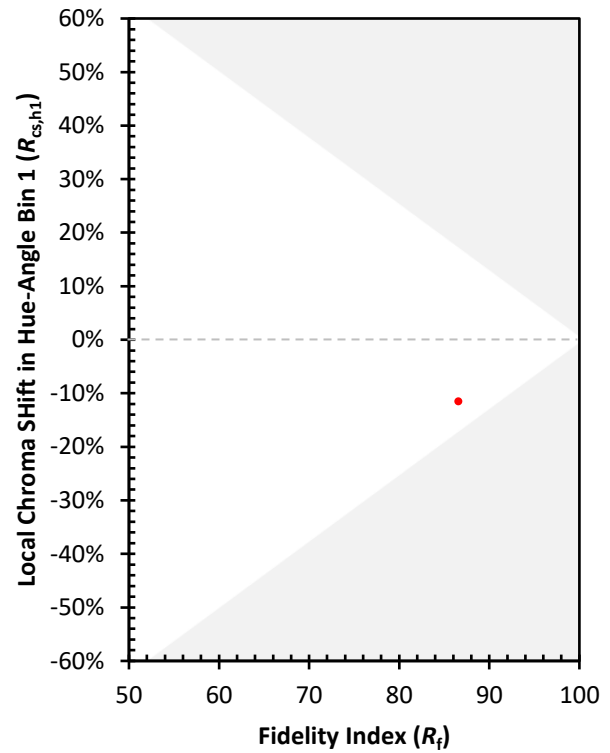
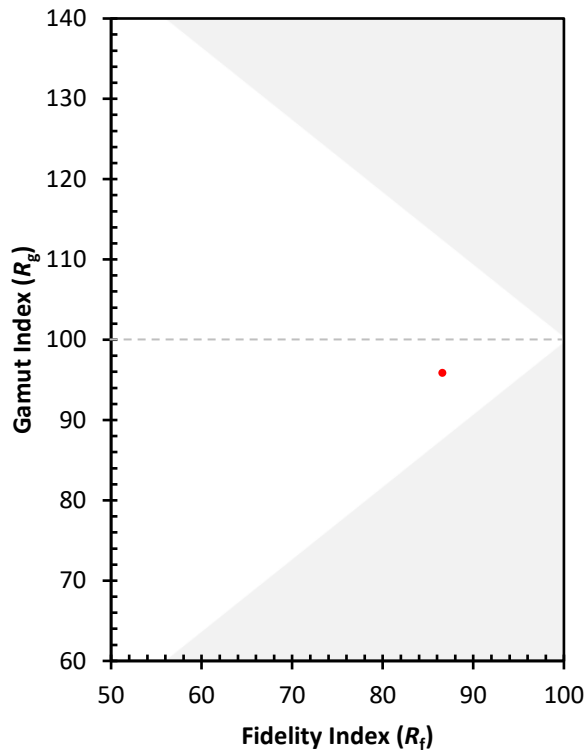
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)