

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: P1067609

Luminaire Tested: **NAV-SA2A-835-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067609
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA2A-835-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6307 lumens
Efficiency: N/A
Efficacy: 114.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - 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

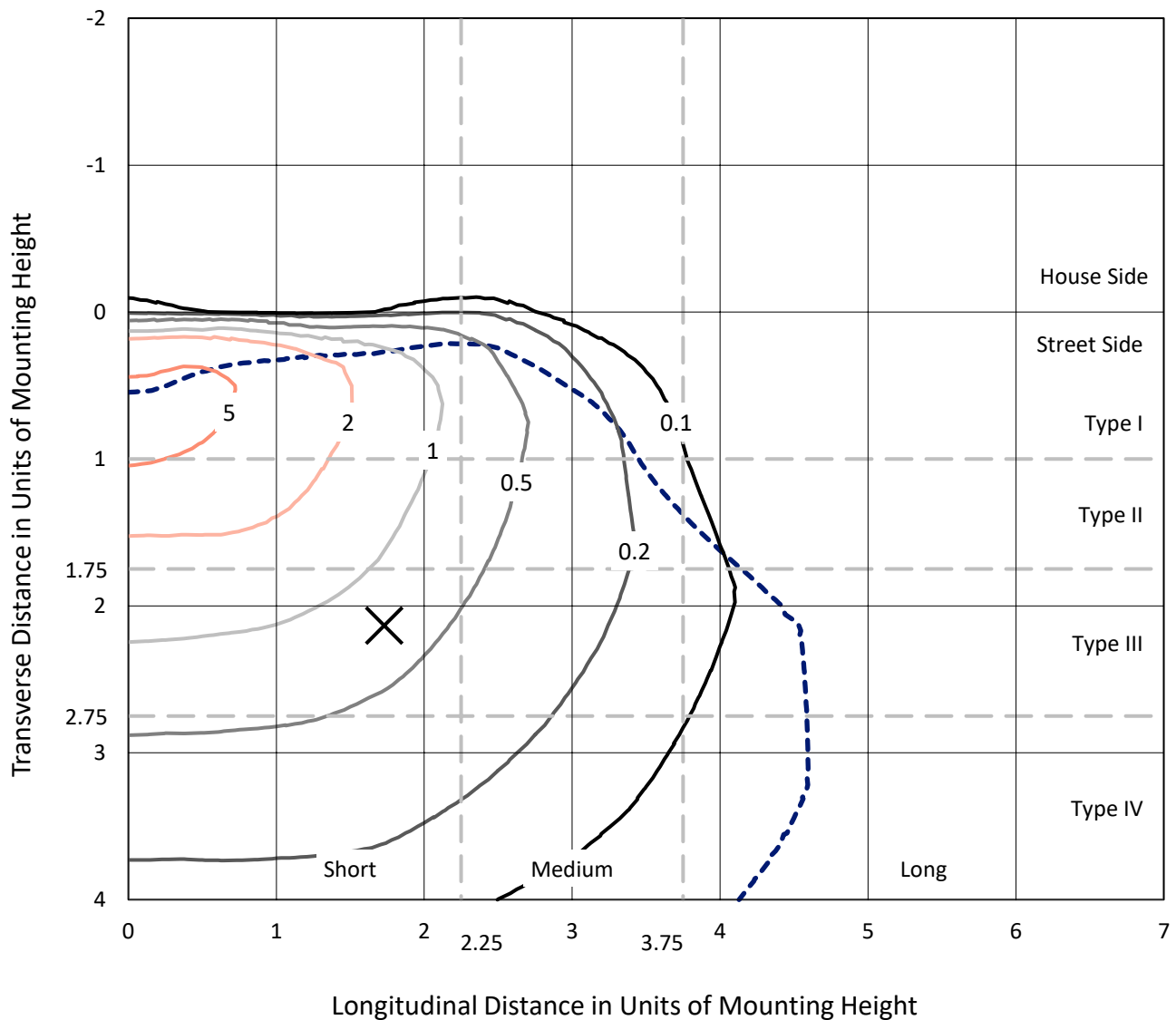


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

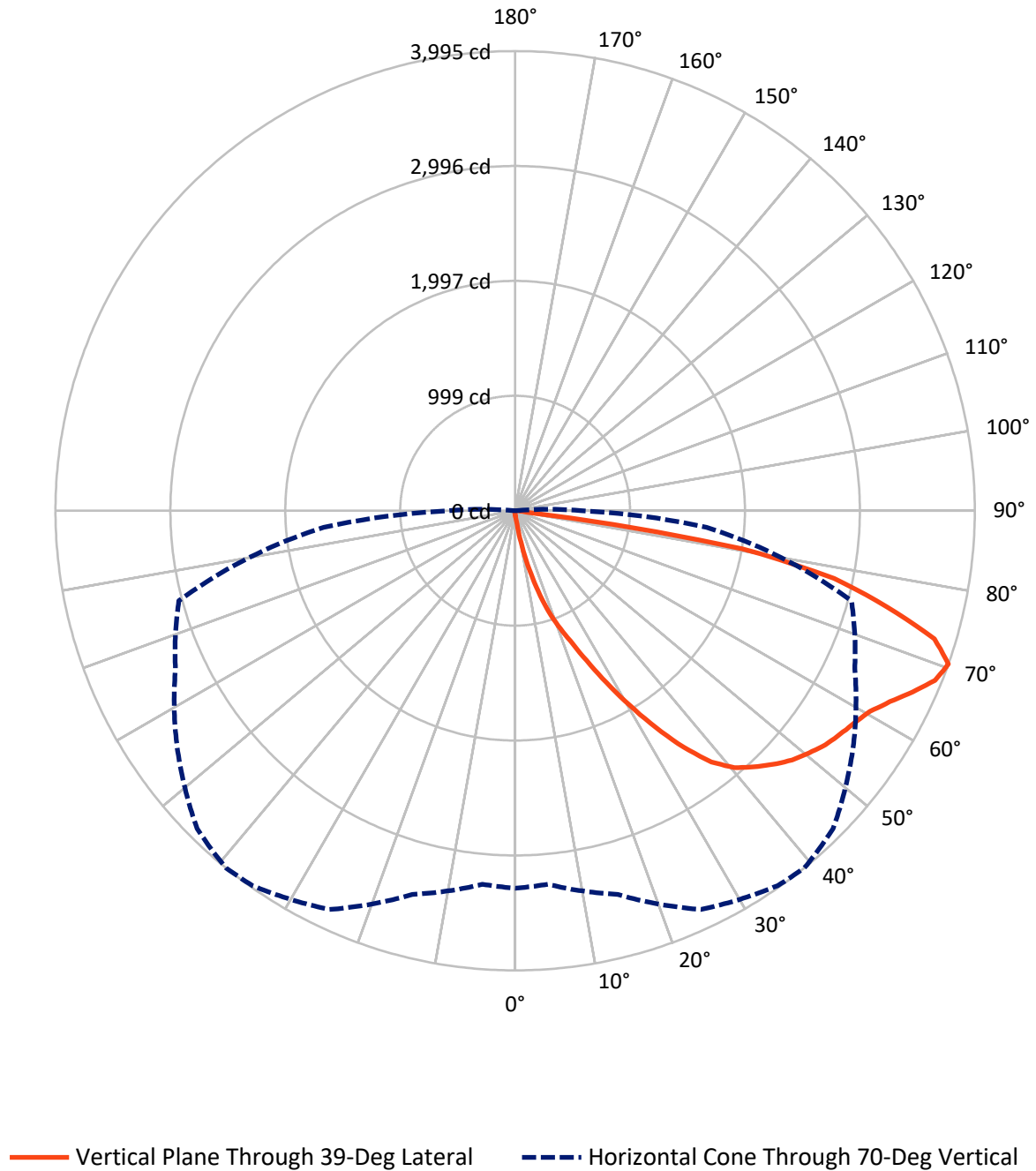


Based on 15 foot mounting height. Maximum calculated value = 6.9 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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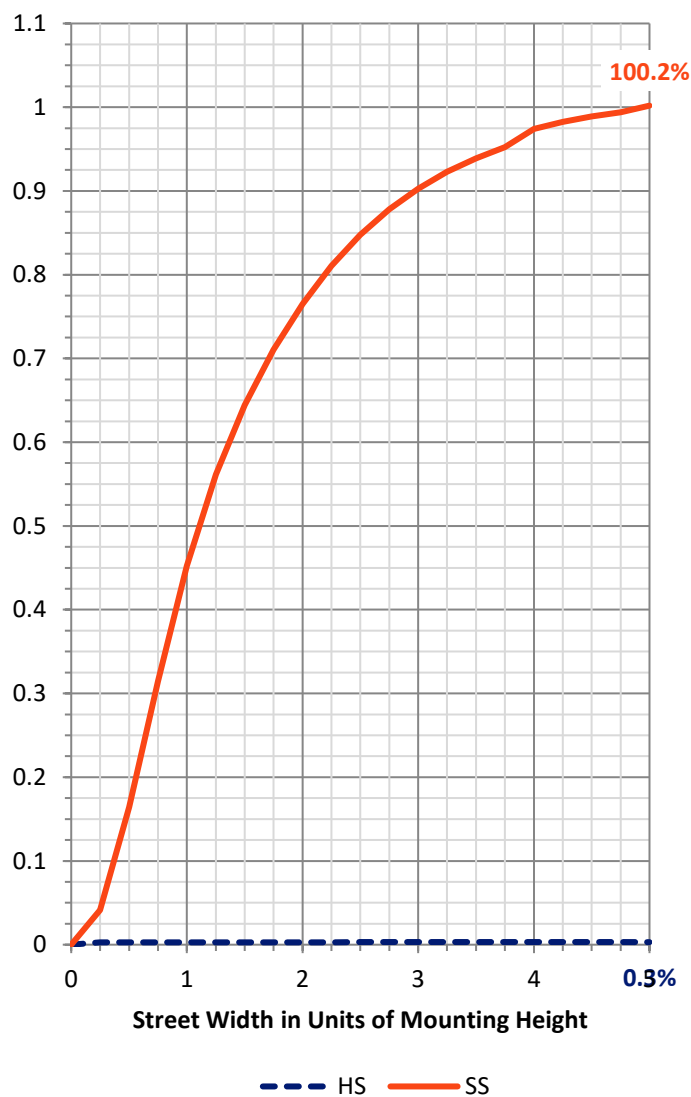
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	19.4	0.0	19.4
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	6287.6	0.0	6287.6
	% Fixture	99.7	0.0	99.7
Total	Lumens	6307.0	0.0	6307.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.6	0.1
10°-20°	77.5	1.2
20°-30°	263.1	4.2
30°-40°	618.4	9.8
40°-50°	1004.1	15.9
50°-60°	1272.4	20.2
60°-70°	1616.3	25.6
70°-80°	1313.3	20.8
80°-90°	135.2	2.1
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°	6307.0	100.0
0°-180°	6307.0	100.0



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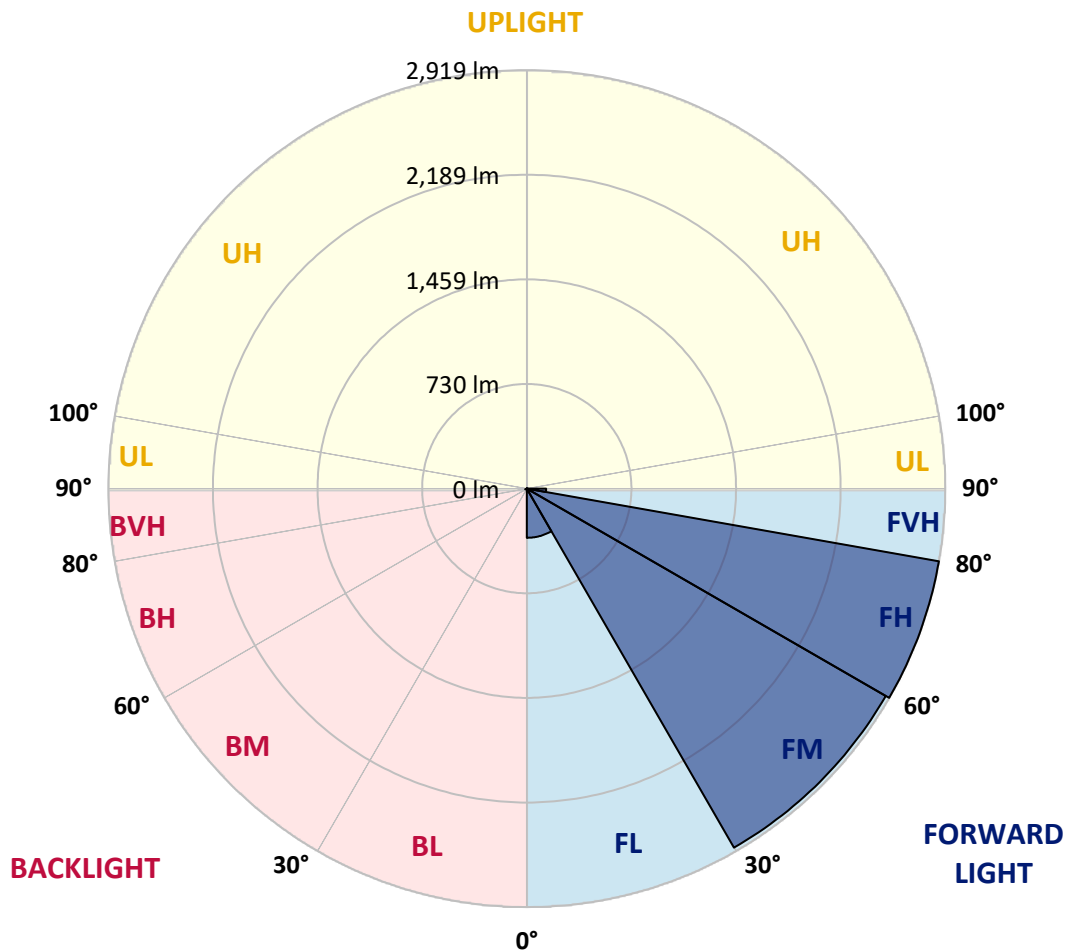
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	343.1	5.4			
FM	(30°-60°)	2891.2	45.8			
FH	(60°-80°)	2918.9	46.3			G2/5000
FVH	(80°-90°)	134.4	2.1			G2/225
BL	(0°-30°)	4.2	0.1	B0/110		
BM	(30°-60°)	3.7	0.1	B0/220		
BH	(60°-80°)	10.7	0.2	B0/110		G0/110
BVH	(80°-90°)	0.8	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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
2.5°	44.5	44.5	44.5	42.8	42.8	41.1	41.1	39.4	37.7	37.7	36.0
5°	83.9	85.6	80.5	70.2	63.4	59.9	56.5	47.9	42.8	39.4	36.0
7.5°	229.5	222.6	212.3	178.1	137.0	116.4	99.3	70.2	51.4	41.1	36.0
10°	482.9	464.0	434.9	388.7	308.2	275.7	214.0	128.4	71.9	46.2	36.0
12.5°	708.9	712.3	676.4	631.9	534.2	479.5	395.5	241.4	113.0	54.8	36.0
15°	880.1	876.7	863.0	827.1	739.7	686.6	611.3	405.8	190.1	68.5	37.7
17.5°	1015.4	1001.7	996.6	981.2	924.7	895.6	813.4	597.6	301.4	92.5	39.4
20°	1150.7	1147.3	1142.1	1125.0	1087.3	1066.8	1003.4	791.1	448.6	131.8	42.8
22.5°	1347.6	1328.8	1332.2	1294.5	1263.7	1227.7	1176.4	996.6	618.2	188.4	47.9
25°	1578.8	1577.1	1549.7	1532.5	1481.2	1441.8	1373.3	1195.2	806.5	272.3	53.1
27.5°	1851.0	1832.2	1820.2	1791.1	1738.0	1693.5	1599.3	1392.1	1010.3	366.4	59.9
30°	2135.3	2135.3	2113.0	2068.5	2017.1	1962.3	1866.4	1599.3	1212.3	486.3	68.5
32.5°	2467.5	2474.3	2419.5	2352.8	2286.0	2248.3	2123.3	1833.9	1405.8	623.3	78.8
35°	2789.4	2780.8	2690.1	2616.5	2566.8	2525.7	2419.5	2090.8	1625.0	782.5	92.5
37.5°	3097.6	3075.4	2924.7	2820.2	2798.0	2770.6	2664.4	2347.6	1842.5	958.9	109.6
40°	3318.5	3284.3	3128.4	2984.6	2952.1	2936.7	2854.5	2580.5	2071.9	1155.8	131.8
42.5°	3414.4	3375.0	3267.1	3150.7	3078.8	3042.8	2970.9	2770.6	2301.4	1375.0	164.4
45°	3433.2	3402.4	3325.4	3298.0	3200.4	3145.6	3048.0	2905.8	2515.4	1592.5	208.9
47.5°	3364.7	3351.0	3304.8	3363.0	3313.4	3238.0	3119.9	3006.9	2705.5	1856.2	270.5
50°	3196.9	3186.7	3208.9	3361.3	3395.6	3309.9	3198.6	3085.6	2869.9	2128.4	357.9
52.5°	2970.9	2969.2	3073.6	3316.8	3431.5	3378.4	3275.7	3164.4	3000.0	2392.1	481.2
55°	2724.3	2753.4	2936.7	3275.7	3452.1	3428.1	3351.0	3234.6	3116.5	2637.0	679.8
57.5°	2703.8	2691.8	2868.2	3258.6	3464.1	3477.8	3426.4	3308.2	3215.8	2837.3	945.2
60°	2909.3	2881.9	2948.6	3294.5	3517.1	3541.1	3501.7	3364.7	3315.1	2994.9	1294.5
62.5°	3147.3	3121.6	3155.8	3433.2	3621.6	3655.8	3606.2	3423.0	3395.6	3104.5	1669.5
65°	3337.3	3316.8	3381.9	3640.4	3767.1	3796.2	3762.0	3530.8	3431.5	3193.5	1974.3
67.5°	3368.2	3342.5	3477.8	3779.1	3914.4	3934.9	3907.6	3635.3	3419.5	3200.4	2044.5
70°	3280.8	3258.6	3452.1	3823.6	3977.8	3994.9	3907.6	3585.6	3256.9	3025.7	1671.2
72.5°	3012.0	3029.1	3279.1	3715.8	3890.4	3811.7	3626.7	3335.6	3046.2	2565.1	1173.0
75°	2594.2	2613.0	2945.2	3419.5	3433.2	3337.3	3238.0	3068.5	2726.0	1690.1	813.4
77.5°	1844.2	1777.4	2274.0	2823.6	2774.0	2835.6	2844.2	2553.1	2282.5	880.1	544.5
80°	181.5	154.1	286.0	809.9	1789.4	2000.0	2082.2	1967.5	1683.2	393.8	286.0
82.5°	39.4	39.4	42.8	46.2	71.9	107.9	494.9	1212.3	1087.3	200.3	92.5
85°	22.3	22.3	27.4	32.5	42.8	47.9	56.5	75.3	292.8	71.9	17.1
87.5°	17.1	18.8	22.3	27.4	36.0	39.4	47.9	59.9	73.6	66.8	5.1
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°	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
2.5°	36.0	34.2	32.5	30.8	29.1	29.1	27.4	27.4	27.4	27.4	27.4
5°	34.2	32.5	30.8	27.4	25.7	24.0	22.3	22.3	22.3	22.3	22.3
7.5°	34.2	32.5	29.1	25.7	22.3	20.5	18.8	17.1	17.1	18.8	18.8
10°	34.2	30.8	25.7	22.3	18.8	17.1	15.4	13.7	13.7	13.7	13.7
12.5°	32.5	29.1	24.0	20.5	17.1	13.7	10.3	8.6	8.6	8.6	8.6
15°	30.8	27.4	22.3	17.1	12.0	8.6	6.8	5.1	5.1	5.1	5.1
17.5°	30.8	25.7	20.5	15.4	8.6	5.1	3.4	1.7	1.7	1.7	3.4
20°	30.8	25.7	18.8	12.0	5.1	3.4	3.4	1.7	0.0	1.7	1.7
22.5°	30.8	24.0	15.4	8.6	5.1	3.4	1.7	0.0	0.0	0.0	0.0
25°	32.5	24.0	13.7	6.8	3.4	1.7	0.0	0.0	0.0	0.0	0.0
27.5°	32.5	22.3	12.0	5.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0
30°	34.2	22.3	10.3	3.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	34.2	20.5	6.8	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	34.2	18.8	5.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	34.2	17.1	5.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	36.0	15.4	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	37.7	13.7	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	39.4	12.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	44.5	12.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	51.4	12.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	61.6	12.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	80.5	10.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	116.4	10.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	195.2	10.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	342.5	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	578.8	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	755.1	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	573.6	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	274.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	121.6	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	53.1	5.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	20.5	3.4	1.7	1.7	1.7	1.7	0.0	0.0	0.0	0.0	0.0
82.5°	8.6	3.4	1.7	1.7	1.7	1.7	1.7	0.0	0.0	0.0	0.0
85°	5.1	3.4	3.4	3.4	1.7	1.7	1.7	0.0	0.0	0.0	0.0
87.5°	3.4	3.4	3.4	3.4	3.4	1.7	1.7	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

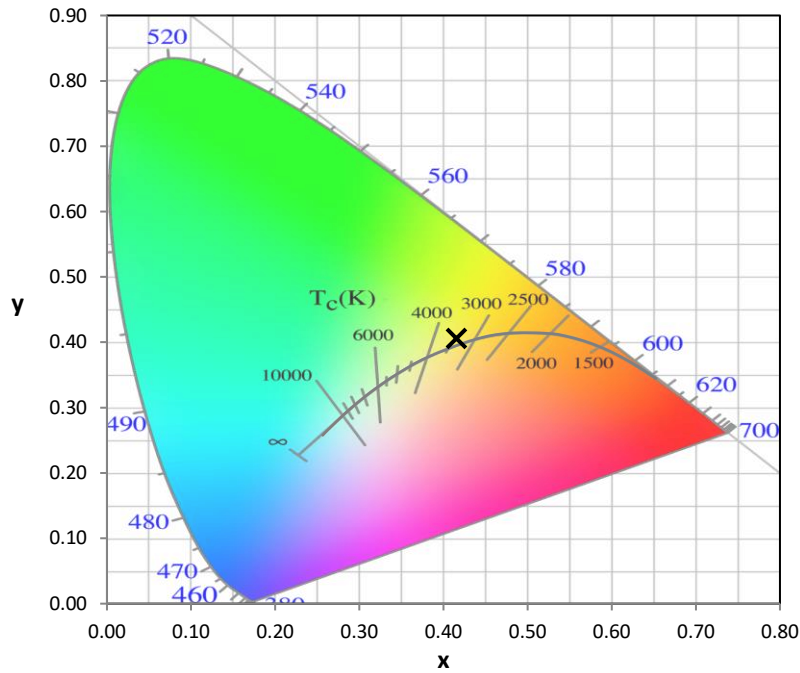
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

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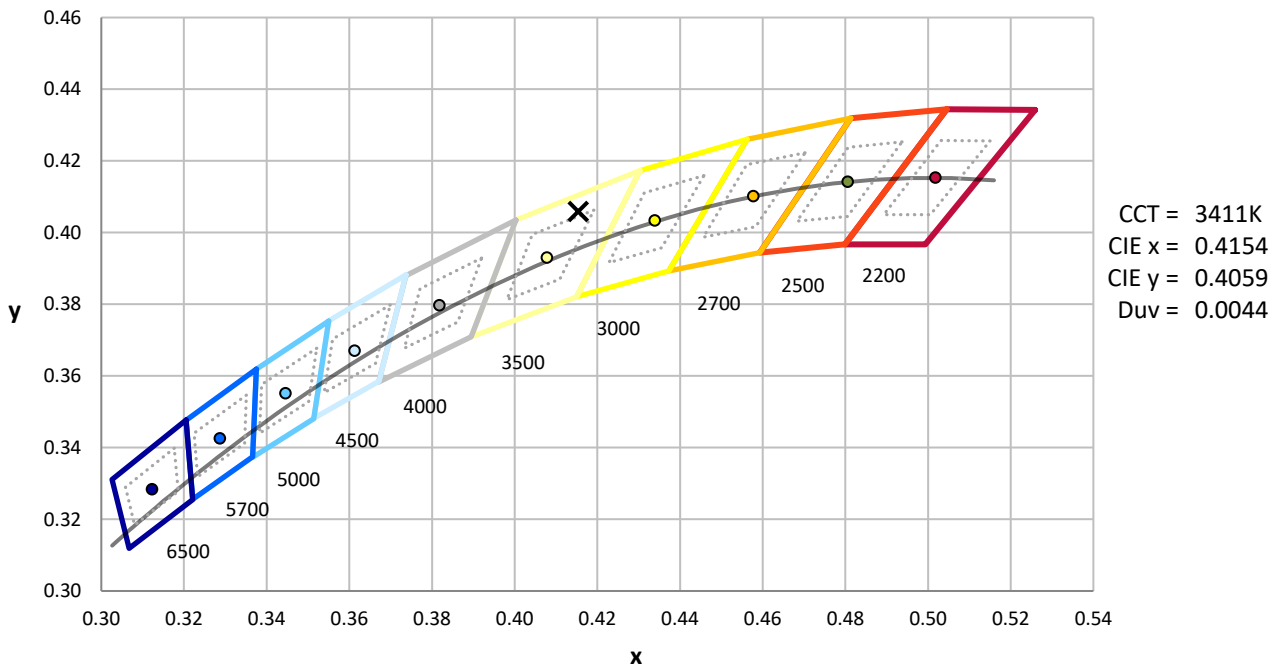
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



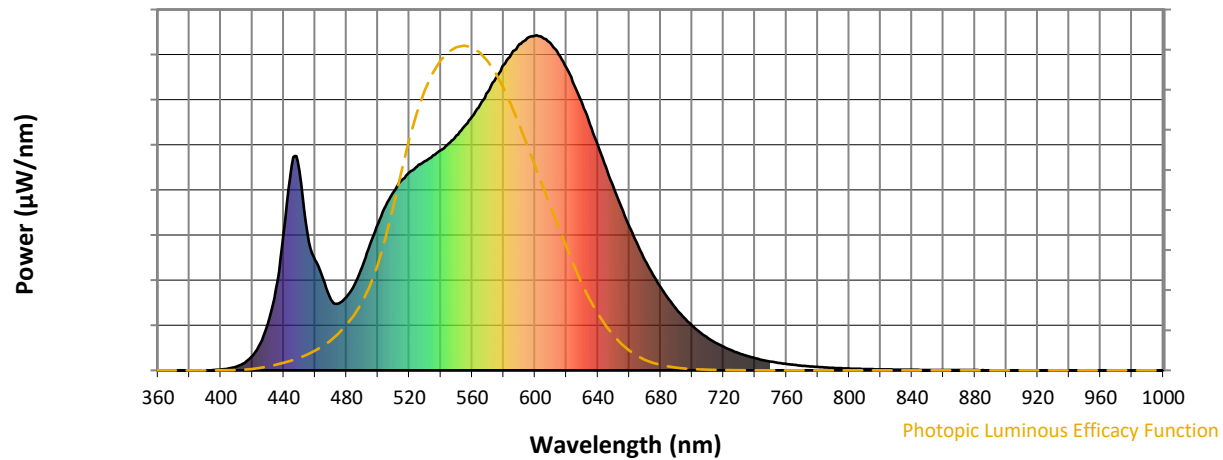
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

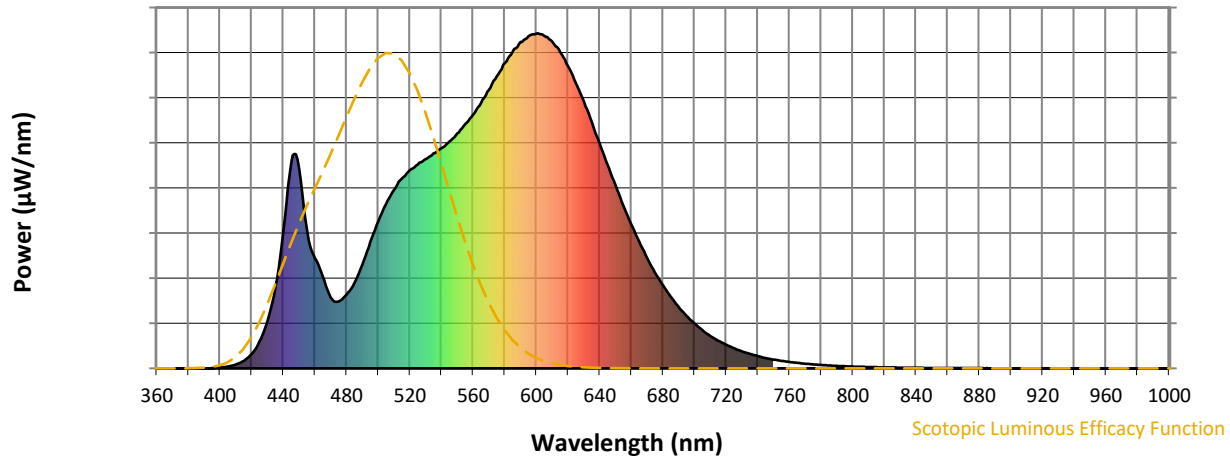


Photopic Lumens: NR

λ (nm)	Power 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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Scotopic Flux vs. Wavelength

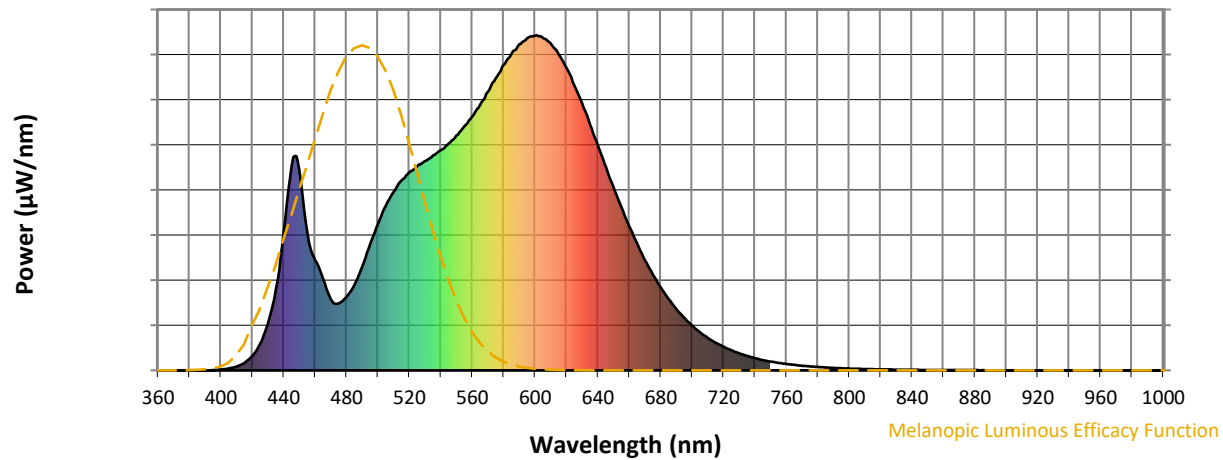


Scotopic Lumens: NR

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 $\text{W}^\wedge/\text{nm}$	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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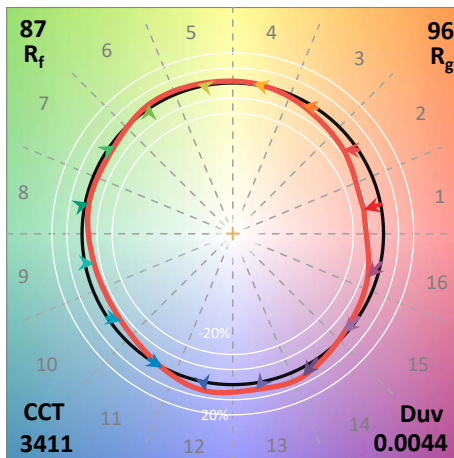
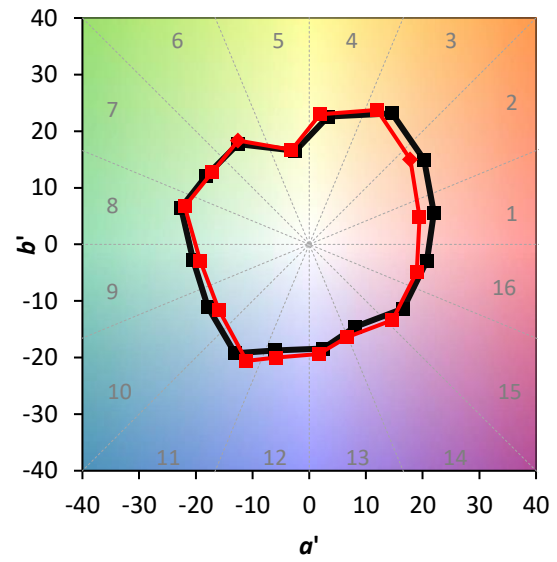
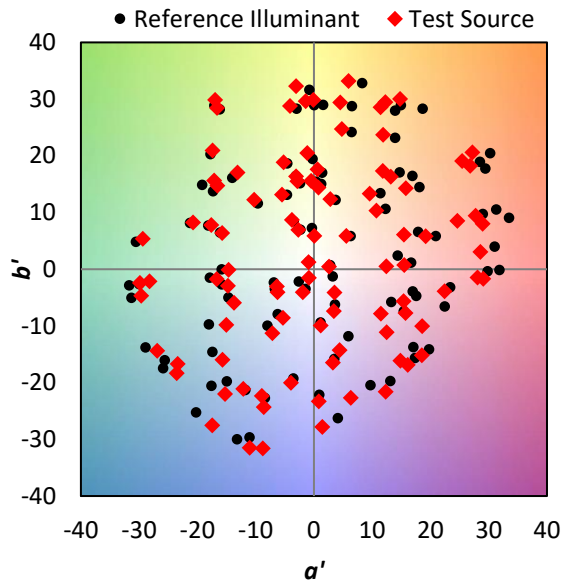
TM-30-18

Summary

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



Color Vector Graphics

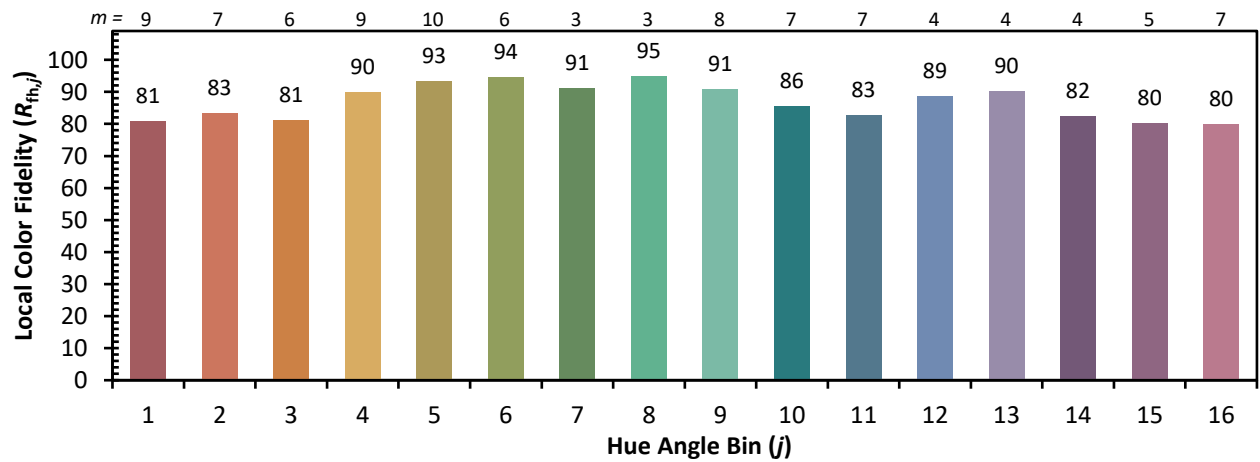
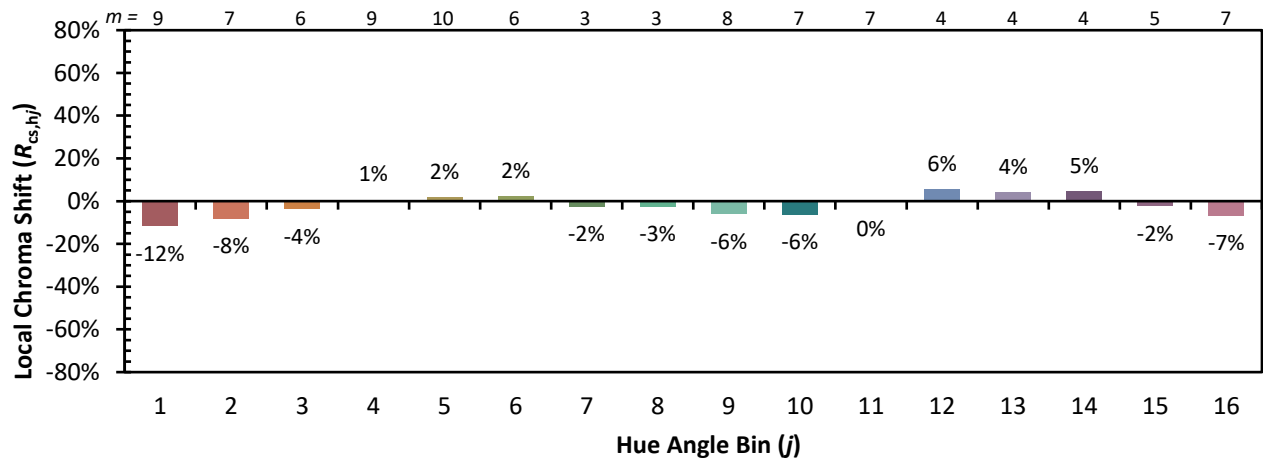


Individual Sample Fidelity Index ($R_{f,i}$)

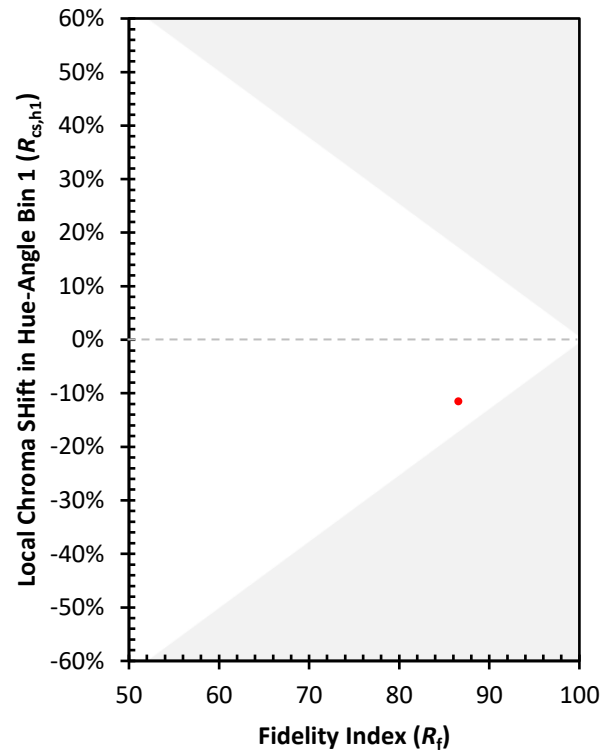
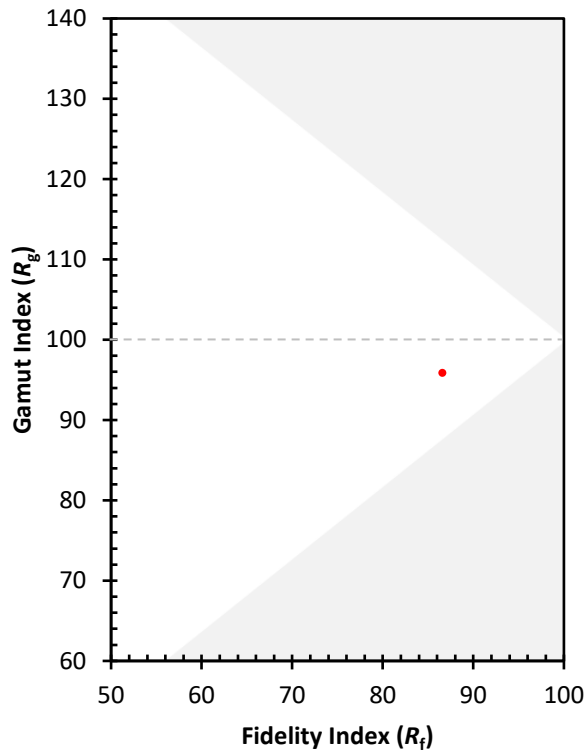
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 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)