

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: P1067326

Luminaire Tested: **NAV-SA3B-827-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067326
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA3B-827-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 3xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (42) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9703.1 lumens
Efficiency: N/A
Efficacy: 91.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 106.2
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

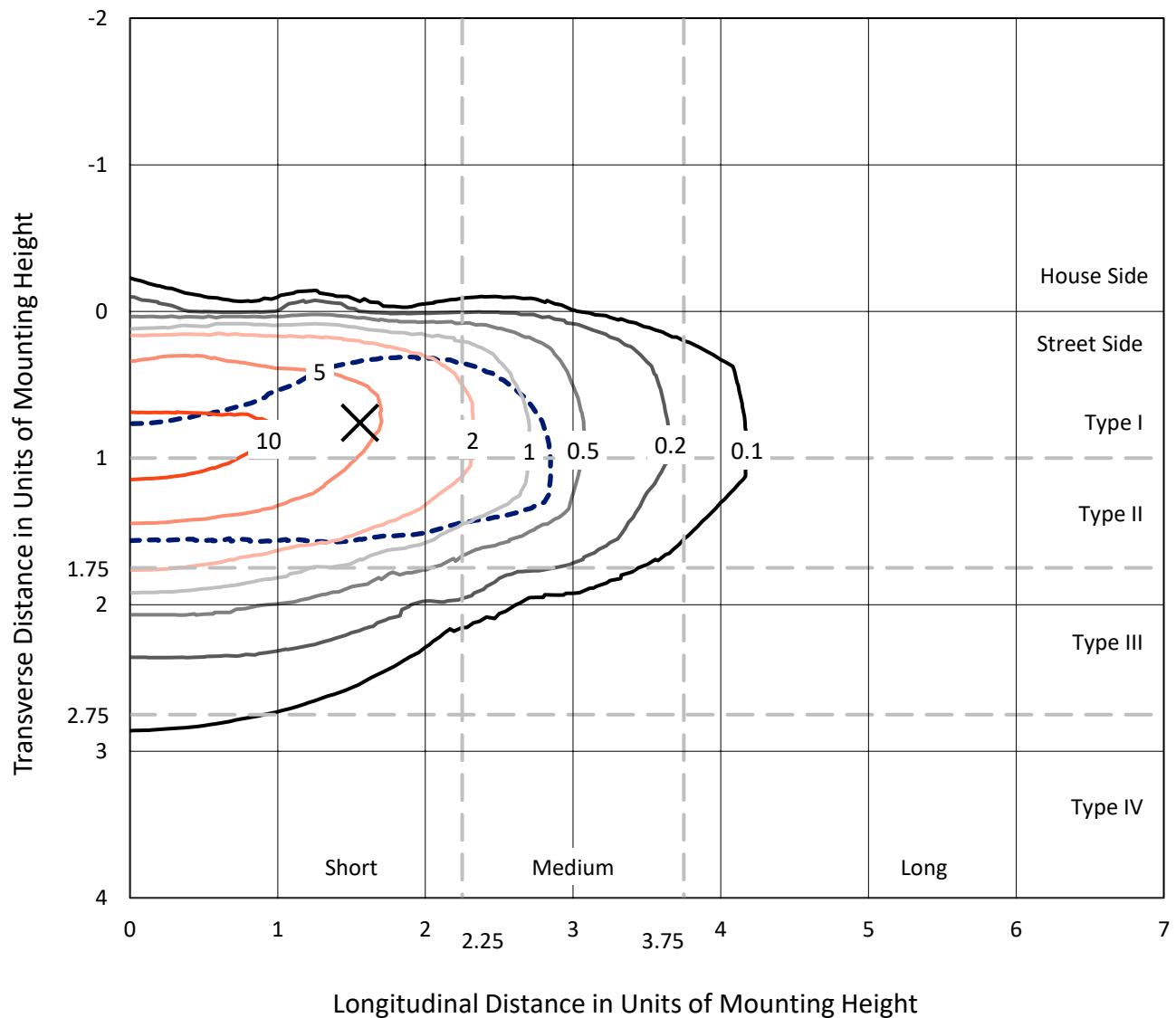


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

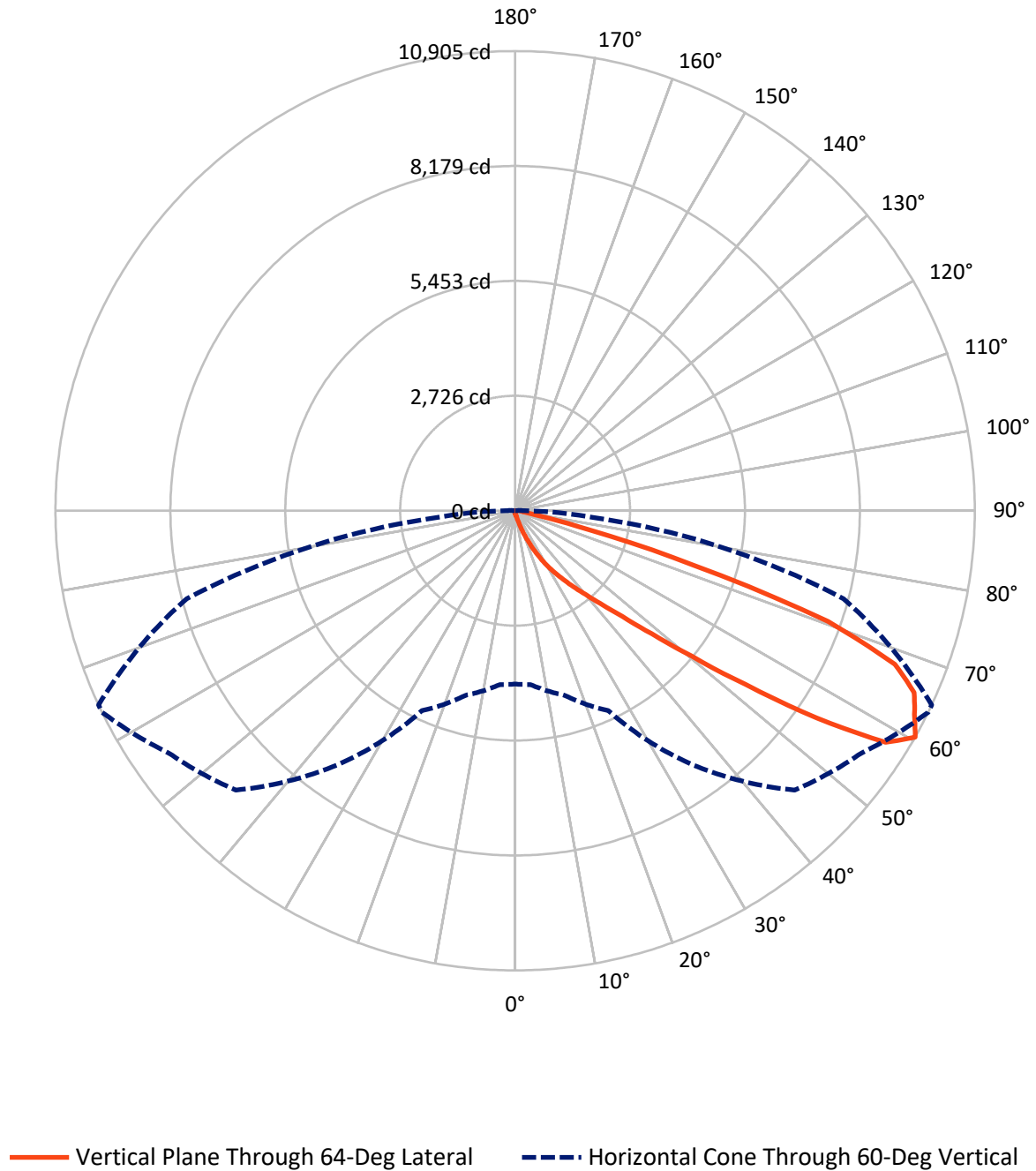


Based on 15 foot mounting height. Maximum calculated value = 13.9 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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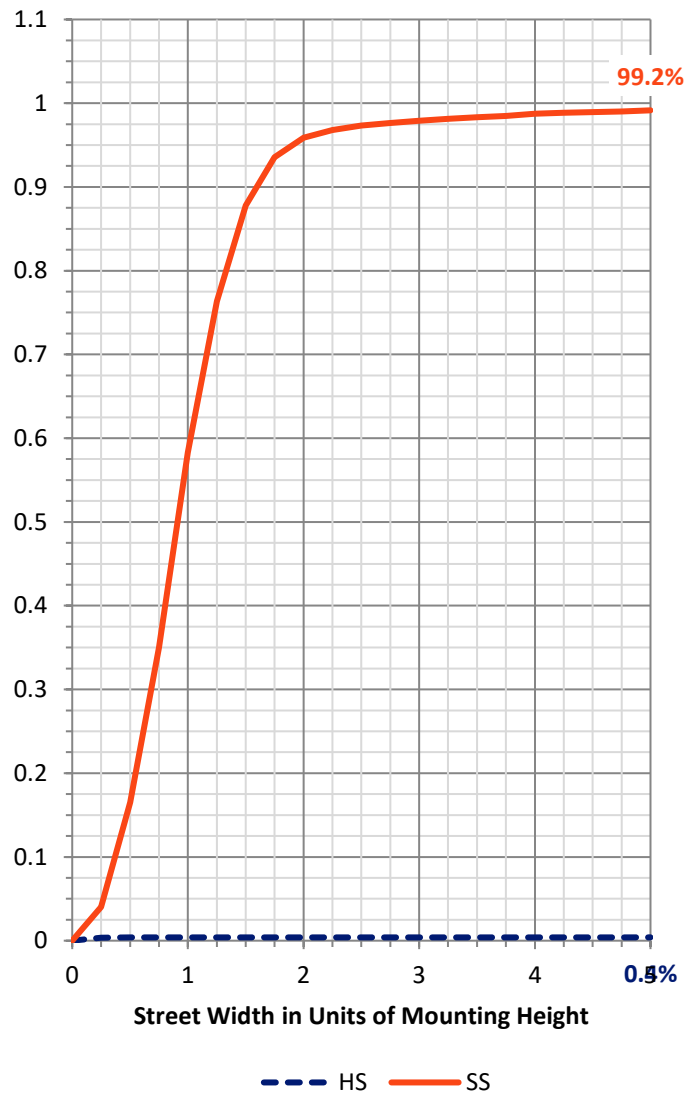
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	39.3	0.0	39.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	9663.8	0.0	9663.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	9703.1	0.0	9703.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.7	0.1
10°-20°	95.4	1.0
20°-30°	316.7	3.3
30°-40°	845.0	8.7
40°-50°	2147.8	22.1
50°-60°	3131.1	32.3
60°-70°	2418.4	24.9
70°-80°	664.1	6.8
80°-90°	75.0	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°	9703.1	100.0
0°-180°	9703.1	100.0



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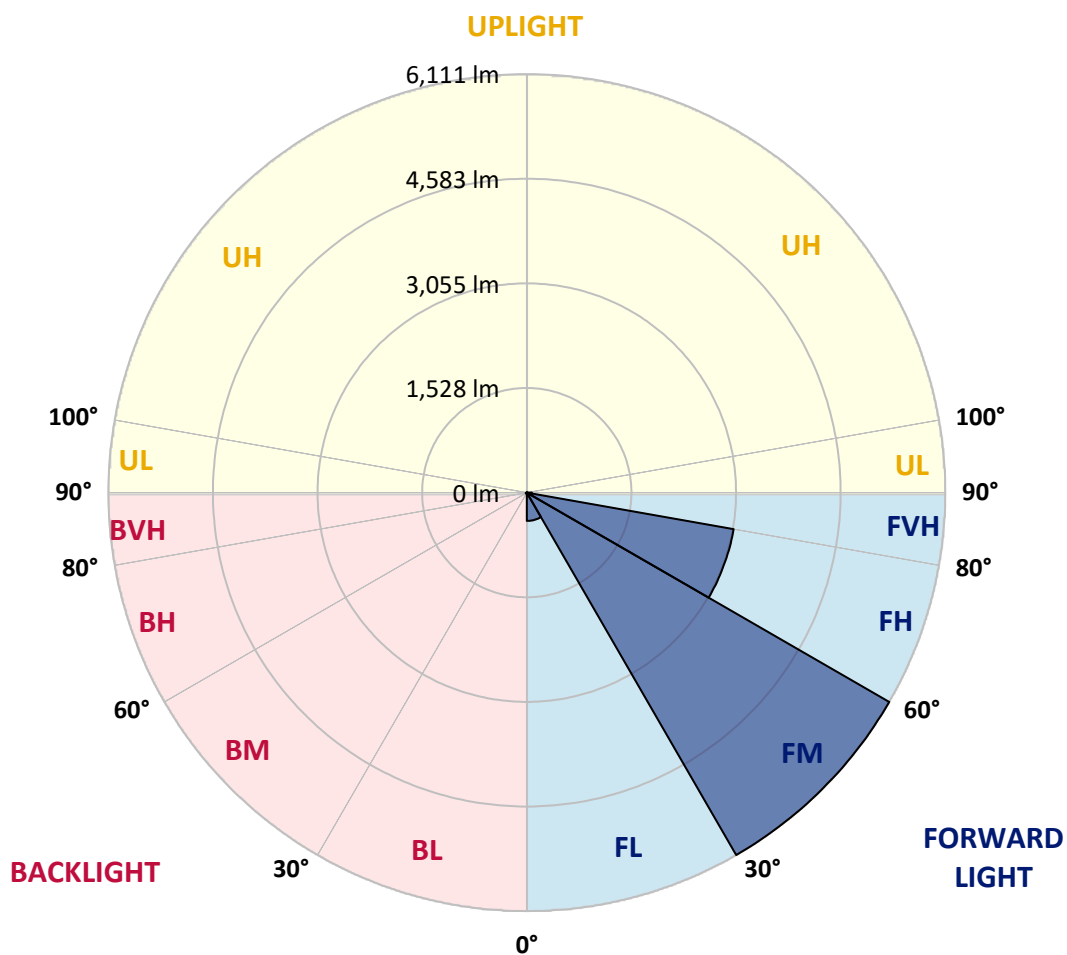
CATALOG NUMBER: NAV-SA3B-827-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	412.9	4.3			
FM	(30°-60°)	6110.9	63.0			
FH	(60°-80°)	3066.9	31.6			G2/5000
FVH	(80°-90°)	73.2	0.8			G1/100
BL	(0°-30°)	8.8	0.1	B0/110		
BM	(30°-60°)	13.0	0.1	B0/220		
BH	(60°-80°)	15.7	0.2	B0/110		G0/110
BVH	(80°-90°)	1.8	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 II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
2.5°	85.5	85.5	85.5	82.8	80.1	80.1	77.5	74.8	74.8	69.4	66.8
5°	130.9	130.9	125.5	120.2	112.2	101.5	90.8	82.8	82.8	74.8	69.4
7.5°	256.4	264.4	240.4	211.0	170.9	144.2	114.8	96.2	93.5	80.1	69.4
10°	555.6	550.2	512.8	440.7	347.2	251.1	160.3	117.5	112.2	85.5	69.4
12.5°	836.0	844.0	803.9	723.8	611.6	446.0	275.1	152.2	146.9	93.5	69.4
15°	1076.4	1076.4	1049.7	1009.6	886.7	713.1	443.4	227.0	208.3	101.5	66.8
17.5°	1242.0	1239.3	1228.6	1217.9	1145.8	966.9	678.4	363.2	320.5	120.2	66.8
20°	1428.9	1420.9	1434.3	1412.9	1356.8	1215.3	926.8	539.5	499.5	152.2	66.8
22.5°	1623.9	1631.9	1642.6	1621.3	1559.8	1437.0	1188.6	766.6	723.8	211.0	69.4
25°	1872.3	1867.0	1891.0	1872.3	1794.9	1650.6	1434.3	1015.0	953.5	293.8	74.8
27.5°	2176.8	2166.1	2182.1	2134.1	2032.6	1885.7	1653.3	1268.7	1196.6	422.0	85.5
30°	2580.1	2588.1	2516.0	2459.9	2315.7	2120.7	1896.4	1541.1	1466.3	574.2	96.2
32.5°	3215.8	3159.7	3047.5	2820.5	2630.9	2382.5	2139.4	1778.8	1712.1	769.2	112.2
35°	4206.7	4217.4	3971.7	3410.8	2999.4	2711.0	2406.5	2040.6	1992.5	990.9	133.5
37.5°	5414.0	5384.6	5168.2	4460.4	3539.0	3119.6	2711.0	2326.4	2256.9	1231.3	160.3
40°	6781.5	6658.6	6533.1	6052.3	4663.4	3632.5	3095.6	2657.6	2604.2	1509.1	203.0
42.5°	7876.6	7844.5	7865.9	7665.6	6538.4	4505.9	3605.7	3063.6	2999.4	1853.6	277.8
45°	8416.1	8370.7	8498.9	8648.5	8360.0	6364.8	4428.4	3581.7	3496.2	2259.6	392.6
47.5°	8271.9	8239.8	8514.9	8808.7	9193.3	8520.3	5771.9	4356.3	4209.4	2780.4	563.6
50°	7561.4	7564.1	8015.4	8563.0	9172.0	9612.7	7761.7	5416.6	5232.3	3472.2	830.7
52.5°	6869.6	6891.0	7369.1	8167.7	8854.1	9740.9	9508.5	6845.6	6546.4	4286.8	1145.8
55°	6159.2	6169.8	6591.8	7716.3	8704.5	9358.9	10405.9	8685.8	8368.0	5301.8	1453.0
57.5°	5475.4	5475.4	5633.0	6631.9	8541.6	9324.2	10299.1	10368.5	10109.5	6461.0	1680.0
60°	4113.2	4139.9	4532.6	5232.3	7366.4	9374.9	10026.7	10905.4	10905.4	8068.9	1853.6
62.5°	2078.0	2118.0	2606.8	3287.9	5053.4	8675.2	10069.4	10635.6	10678.4	9487.1	2248.9
65°	974.9	1020.3	1282.0	1762.8	2719.0	6105.7	9626.0	10405.9	10392.6	9217.4	3082.2
67.5°	699.8	713.1	801.3	1028.3	1463.7	2676.3	7347.7	9719.5	9724.8	7831.2	3544.3
70°	627.7	627.7	649.0	715.8	881.4	1196.6	3571.0	7871.2	8253.2	6047.0	3285.2
72.5°	619.7	614.3	609.0	611.6	595.6	601.0	1226.0	4444.4	4989.3	4230.7	2620.2
75°	603.6	603.6	598.3	579.6	475.4	387.3	422.0	1797.5	2078.0	2825.8	1944.4
77.5°	478.1	526.2	582.3	547.5	435.4	291.1	245.7	520.8	657.0	1733.4	1410.2
80°	221.7	224.4	221.7	232.4	277.8	208.3	181.6	253.7	256.4	961.5	873.4
82.5°	160.3	162.9	154.9	138.9	122.9	112.2	149.6	187.0	200.3	440.7	325.9
85°	48.1	45.4	53.4	72.1	85.5	98.8	125.5	157.6	165.6	162.9	48.1
87.5°	21.4	21.4	26.7	37.4	50.7	74.8	109.5	144.2	146.9	168.3	13.4
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: NAV-SA3B-827-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
2.5°	66.8	64.1	61.4	58.8	56.1	53.4	50.7	50.7	53.4	53.4	53.4
5°	64.1	61.4	56.1	50.7	48.1	45.4	42.7	42.7	45.4	45.4	45.4
7.5°	64.1	58.8	53.4	48.1	42.7	40.1	37.4	37.4	37.4	40.1	40.1
10°	64.1	58.8	50.7	42.7	37.4	34.7	32.1	29.4	32.1	32.1	32.1
12.5°	61.4	56.1	48.1	40.1	32.1	26.7	24.0	24.0	24.0	24.0	24.0
15°	58.8	53.4	45.4	34.7	26.7	21.4	16.0	16.0	16.0	18.7	18.7
17.5°	56.1	50.7	40.1	26.7	18.7	13.4	10.7	10.7	10.7	13.4	13.4
20°	56.1	48.1	34.7	21.4	13.4	8.0	5.3	5.3	5.3	8.0	10.7
22.5°	56.1	48.1	32.1	16.0	8.0	5.3	2.7	2.7	2.7	2.7	2.7
25°	56.1	45.4	29.4	13.4	5.3	2.7	0.0	0.0	2.7	5.3	8.0
27.5°	56.1	42.7	24.0	8.0	5.3	2.7	0.0	2.7	5.3	5.3	5.3
30°	56.1	42.7	21.4	8.0	2.7	0.0	0.0	2.7	5.3	5.3	8.0
32.5°	58.8	40.1	18.7	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	61.4	37.4	16.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	66.8	37.4	10.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	74.8	40.1	10.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	93.5	42.7	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	130.9	53.4	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	192.3	80.1	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	280.4	109.5	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	344.5	109.5	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	341.9	69.4	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	261.8	48.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	221.7	34.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	267.1	26.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	475.4	24.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	763.9	24.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	854.7	24.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	667.7	21.4	2.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	365.9	18.7	2.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	184.3	13.4	5.3	2.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0
80°	77.5	10.7	5.3	2.7	2.7	2.7	0.0	0.0	0.0	0.0	0.0
82.5°	26.7	10.7	5.3	5.3	2.7	2.7	0.0	0.0	0.0	0.0	0.0
85°	13.4	8.0	8.0	5.3	5.3	2.7	2.7	0.0	0.0	0.0	0.0
87.5°	8.0	8.0	8.0	5.3	5.3	2.7	2.7	0.0	0.0	0.0	2.7
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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

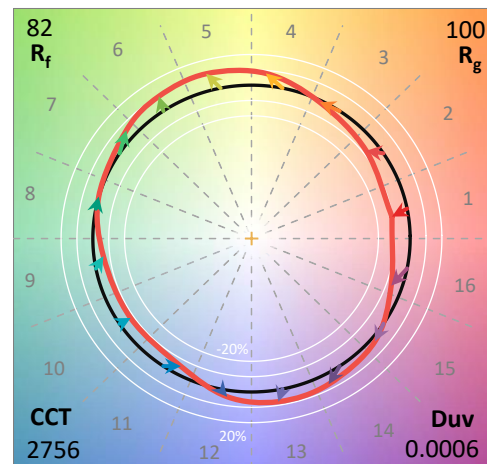
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-8
 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-827-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2756
 CIE u' : 0.2599
 CIE v' : 0.5271
 Duv: 0.0006
 CIE x: 0.4563
 CIE y: 0.4112
 CIE z: 0.1325
 Peak Wavelength (nm): 609
 Dominant Wavelength (nm): 583
 Purity: 60.41121
 R_f: 82.2
 R_g: 99.9

CRI (Ra): 82.9
 R1: 81.6
 R2: 88.8
 R3: 96.0
 R4: 83.4
 R5: 81.4
 R6: 87.0
 R7: 84.0
 R8: 60.8
 R9: 10.8
 R10: 74.8
 R11: 84.3
 R12: 72.1
 R13: 82.9
 R14: 97.3
 R15: 73.7



Test Conditions

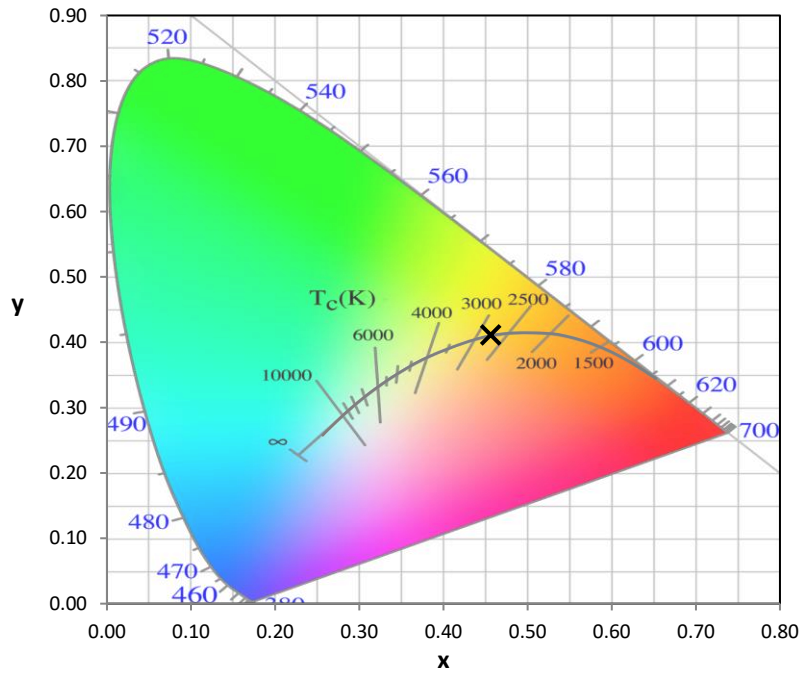
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

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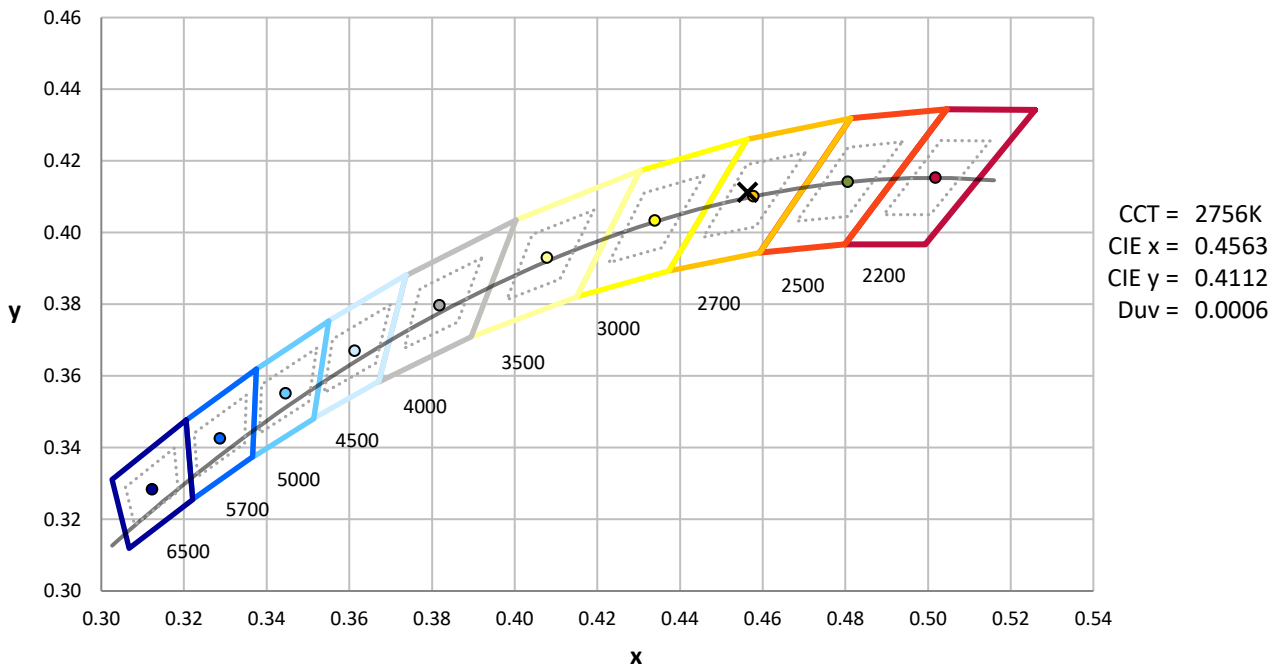
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



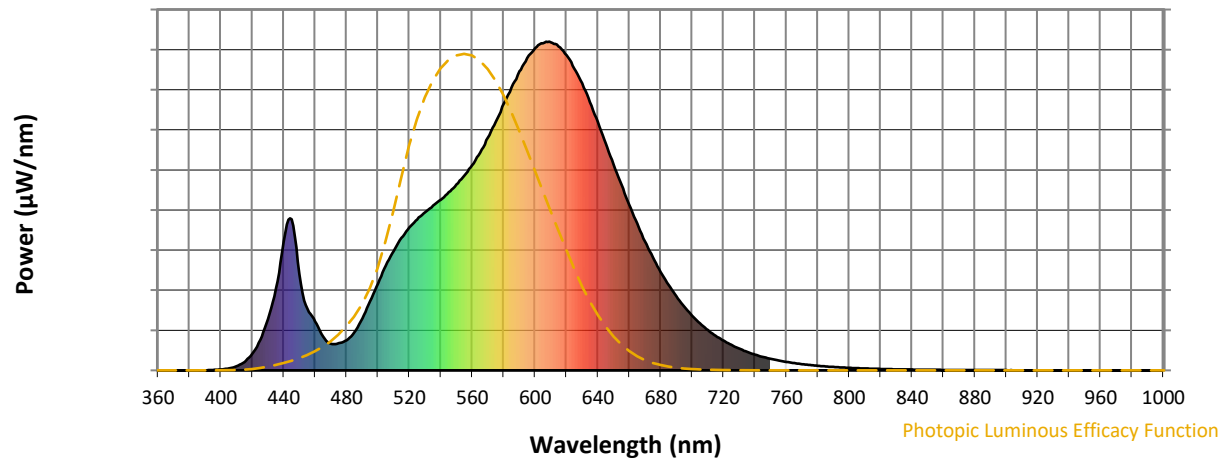
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

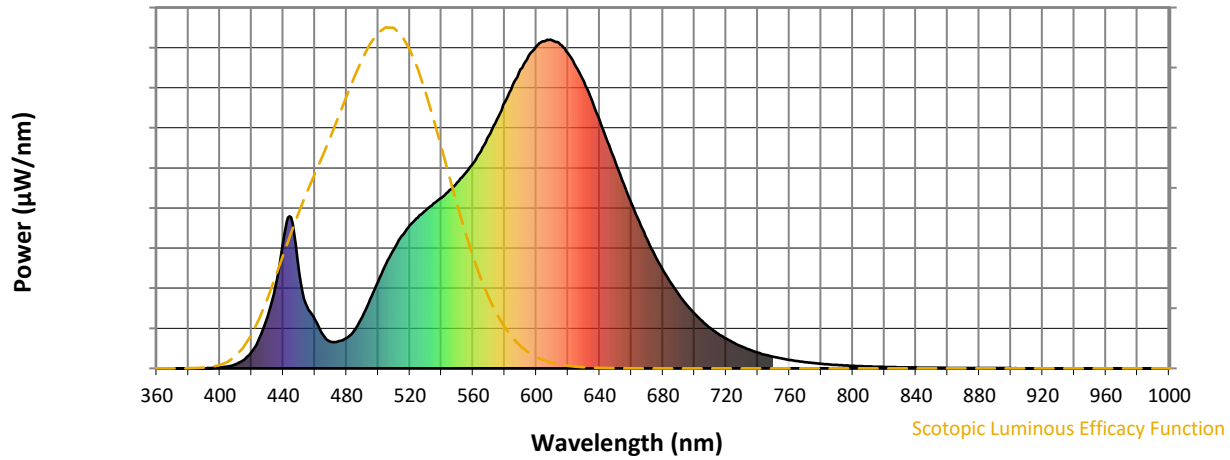


Photopic Lumens: NR

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



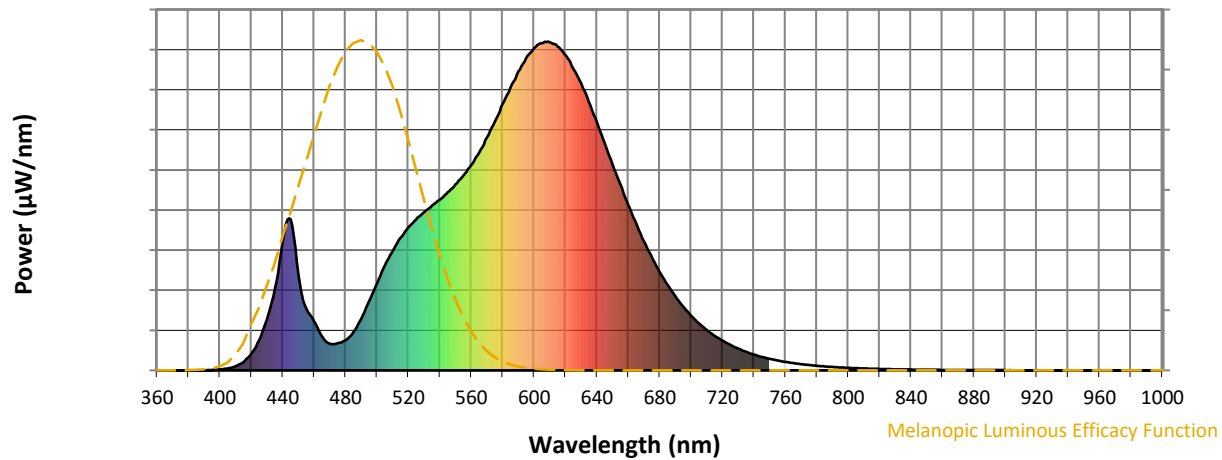
Scotopic Lumens: NR

S/P: 1.2

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.16

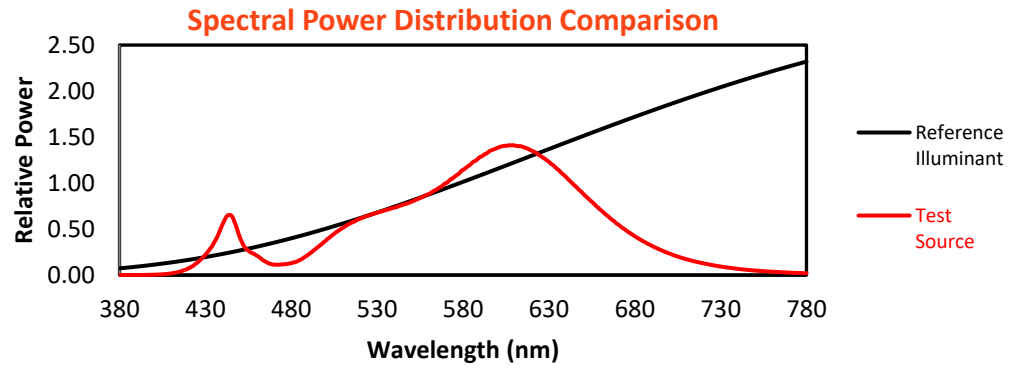
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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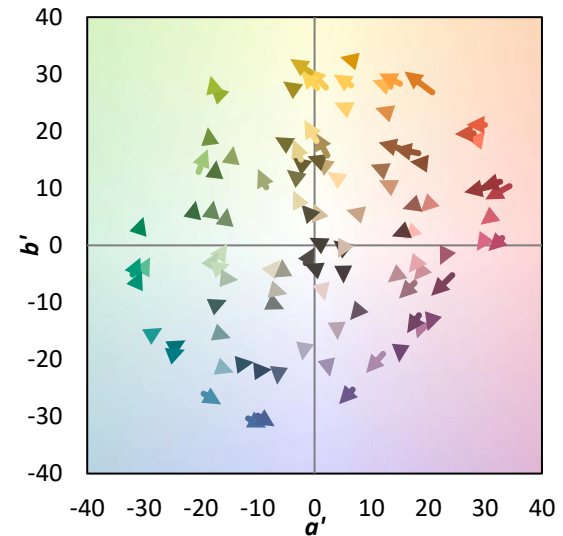
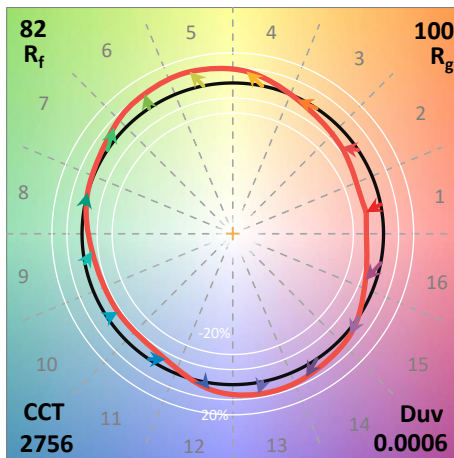
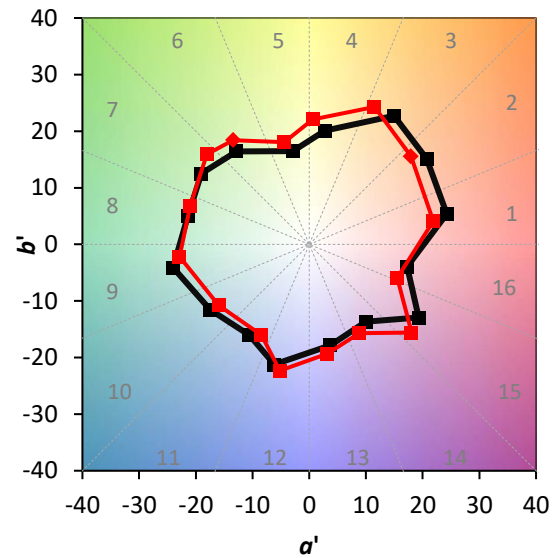
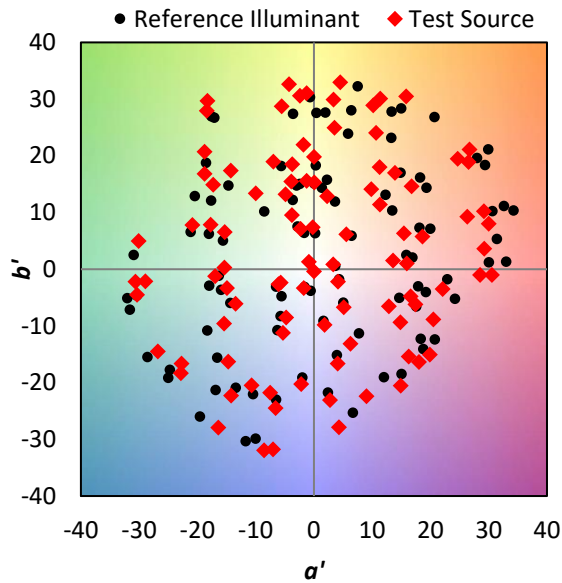
TM-30-18

Summary

$R_f = 82.2$
 $R_g = 99.9$
 $CIE R_a = 82.9$
 $R_9 = 10.8$

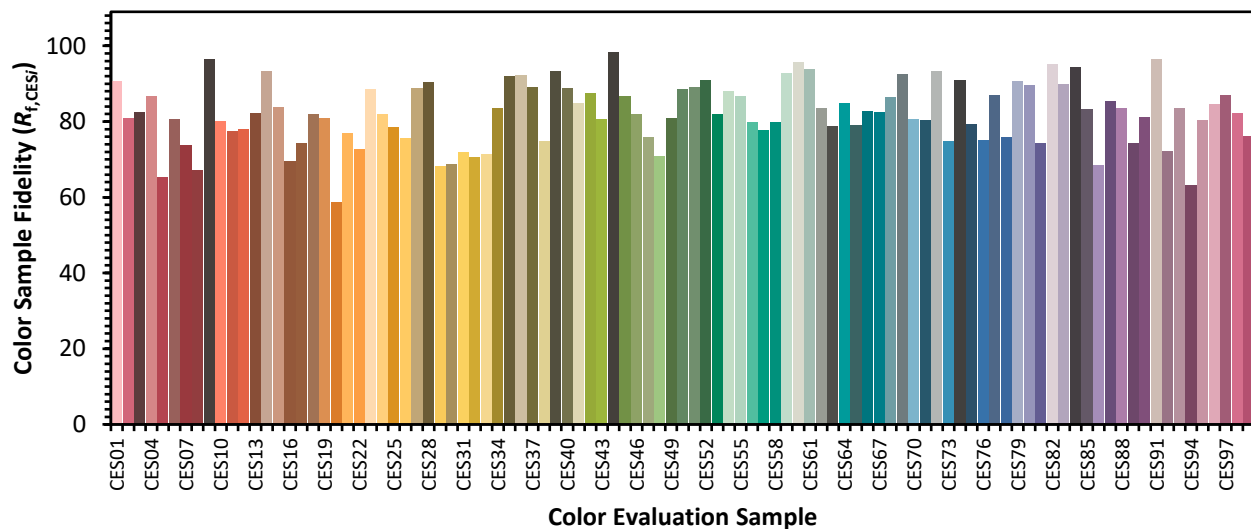


Color Vector Graphics

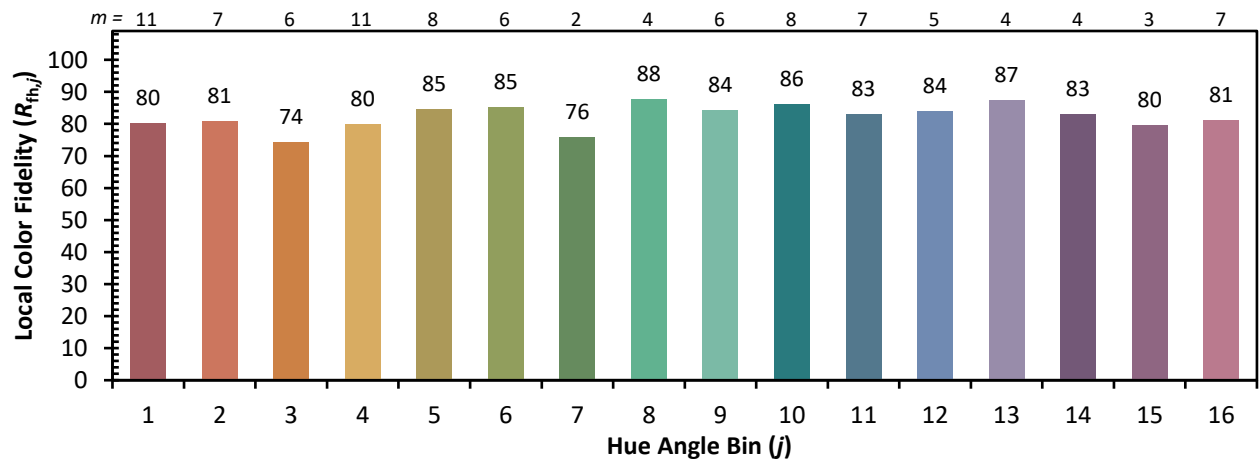
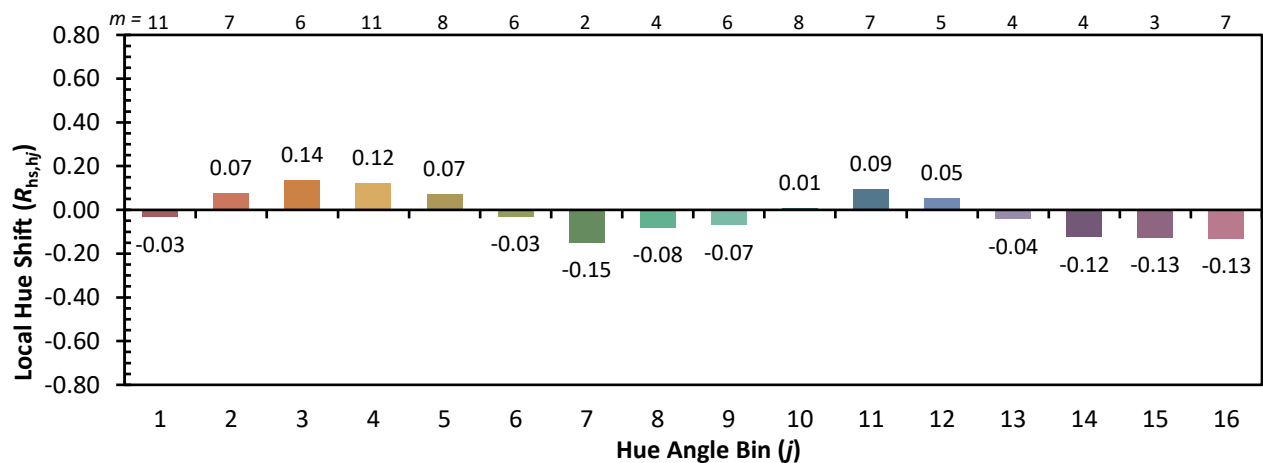
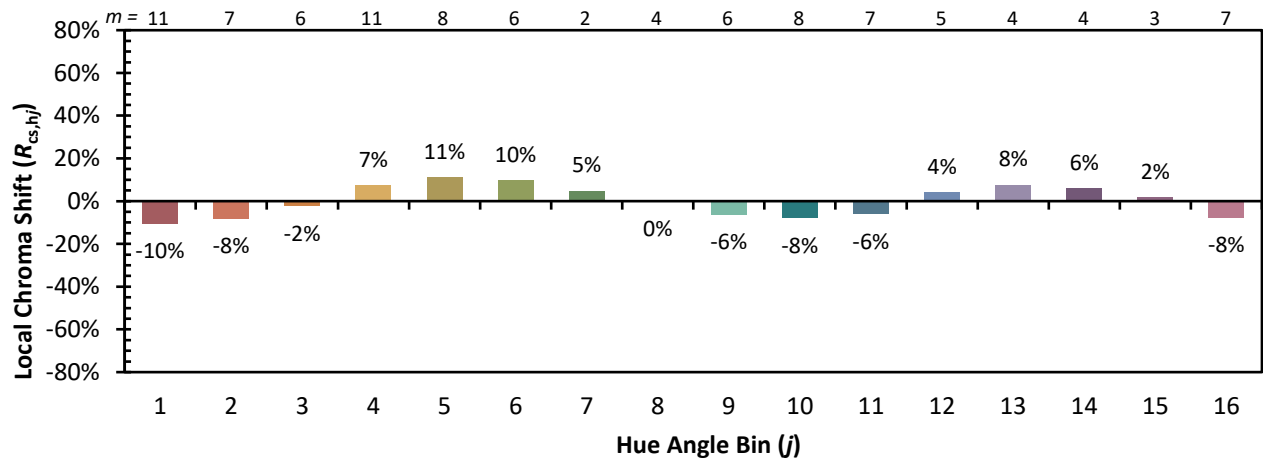


Individual Sample Fidelity Index ($R_{f,i}$)

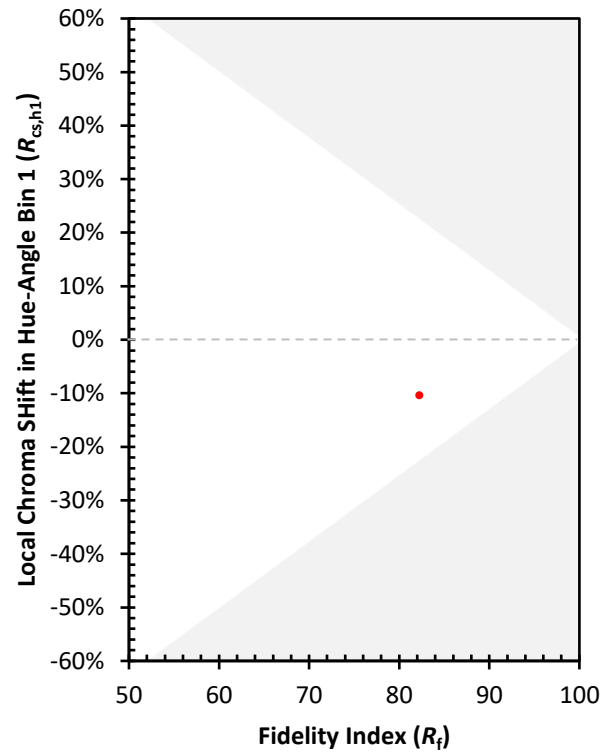
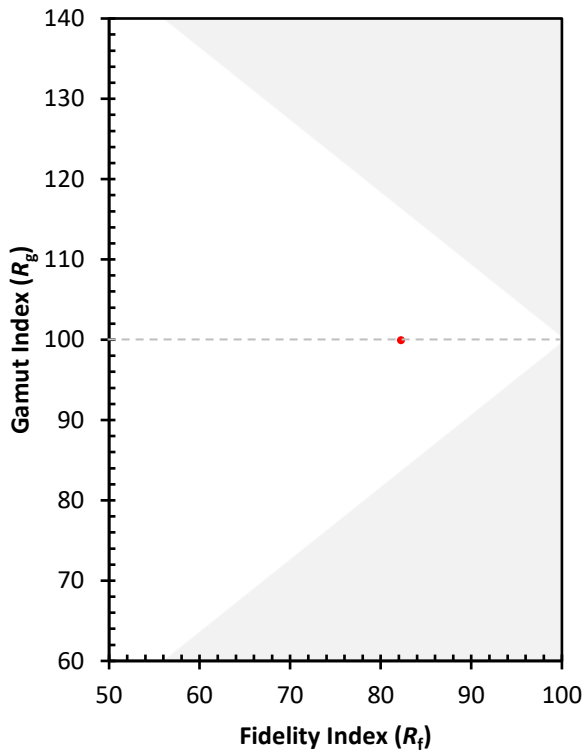
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)