

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: P1066914

Luminaire Tested: **NAV-SA2B-740-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066914
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA2B-740-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 2xLight Square PACKAGE
70CRI 4000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (28) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9414 lumens
Efficiency: N/A
Efficacy: 129.3 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): 72.8
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

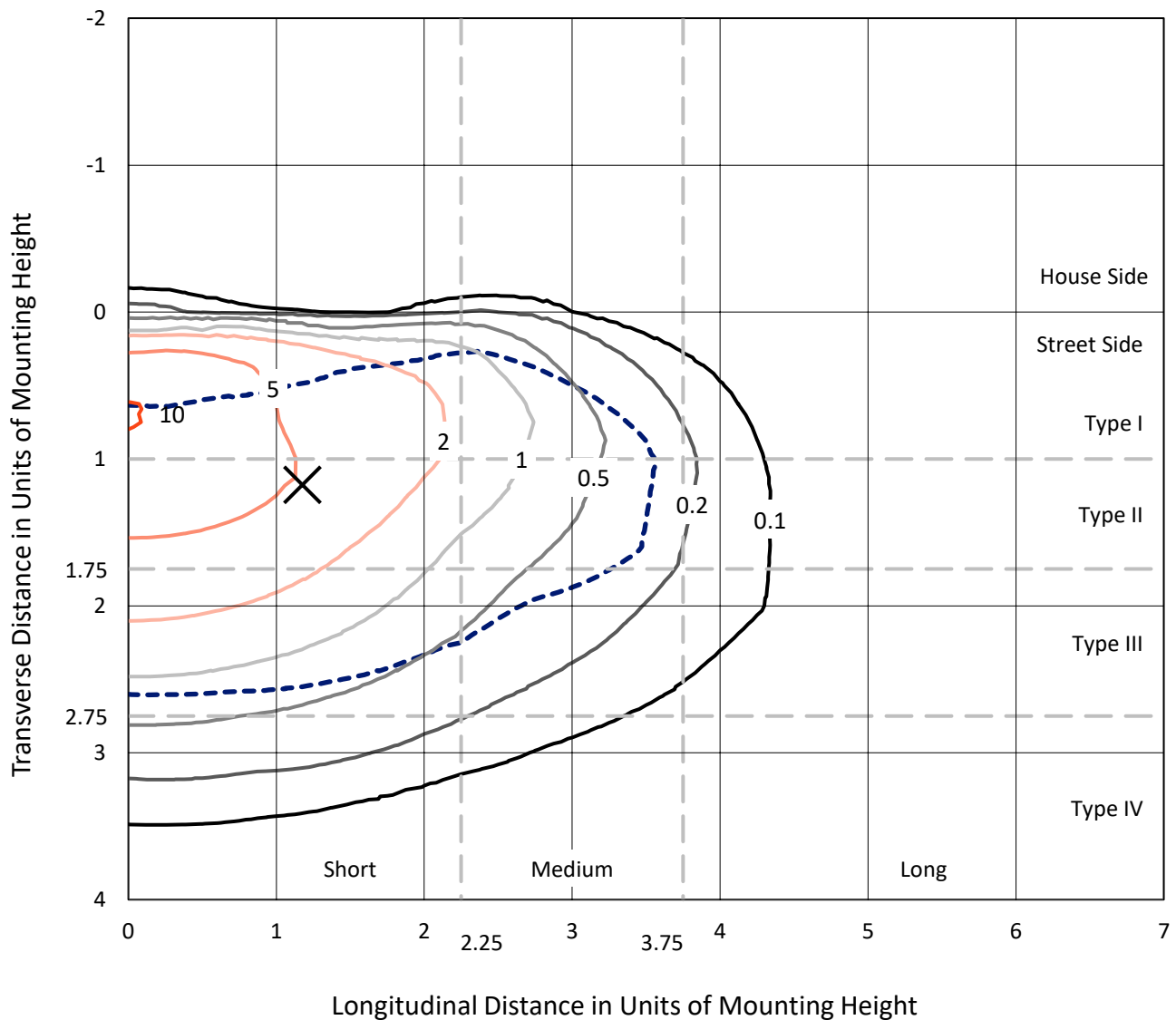


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

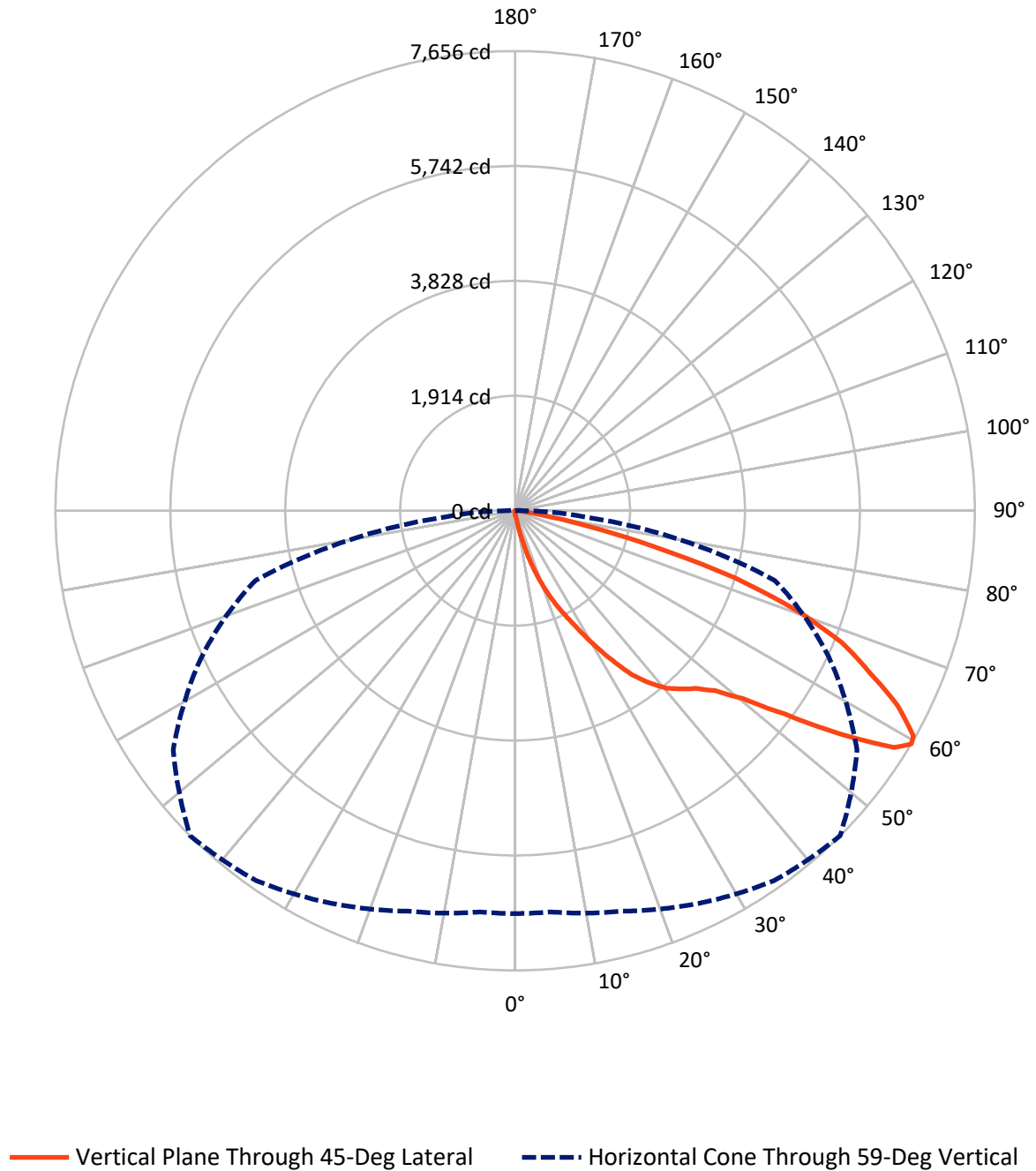


Based on 15 foot mounting height. Maximum calculated value = 10.3 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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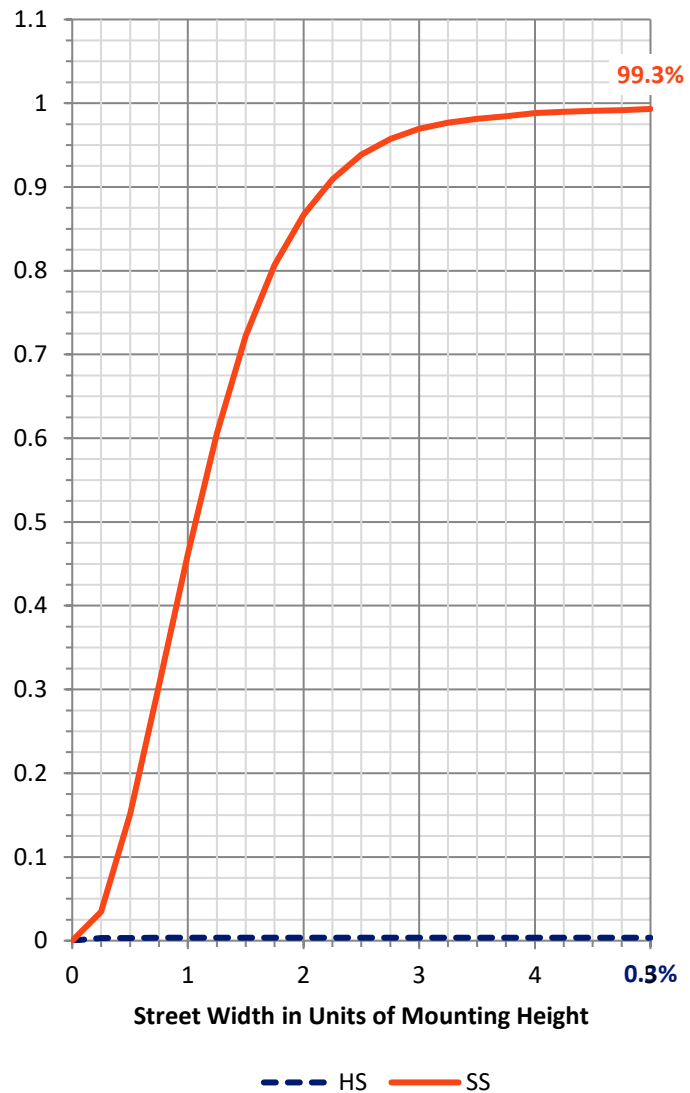
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	33.4	0.0	33.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	9380.6	0.0	9380.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	9414.0	0.0	9414.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.8	0.1
10°-20°	104.0	1.1
20°-30°	373.9	4.0
30°-40°	868.8	9.2
40°-50°	1480.8	15.7
50°-60°	2439.9	25.9
60°-70°	2821.1	30.0
70°-80°	1212.0	12.9
80°-90°	104.7	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°	9414.0	100.0
0°-180°	9414.0	100.0



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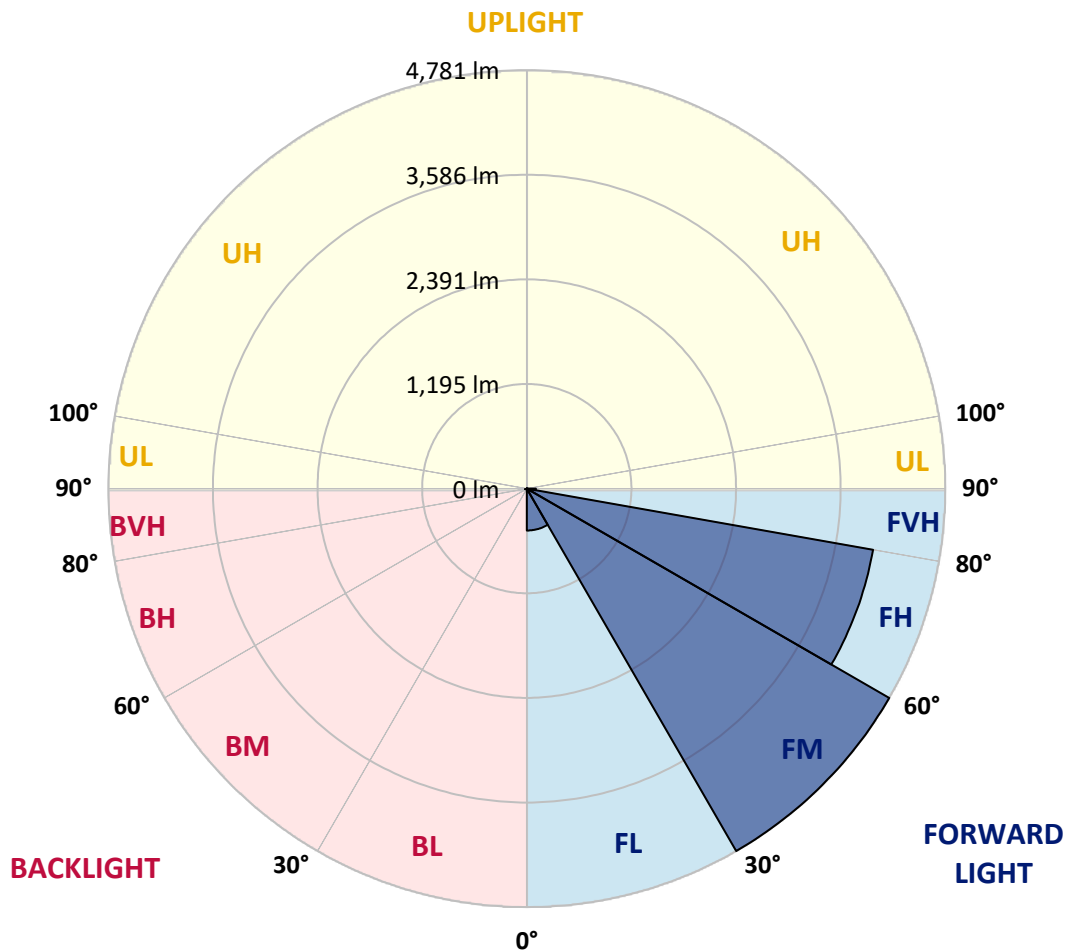
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	478.4	5.1			
FM	(30°-60°)	4781.4	50.8			
FH	(60°-80°)	4017.4	42.7			G2/5000
FVH	(80°-90°)	103.4	1.1			G2/225
BL	(0°-30°)	8.2	0.1	B0/110		
BM	(30°-60°)	8.1	0.1	B0/220		
BH	(60°-80°)	15.7	0.2	B0/110		G0/110
BVH	(80°-90°)	1.4	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°	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
2.5°	77.2	77.2	75.3	72.8	72.2	70.3	70.3	68.4	65.8	63.9	61.4
5°	112.0	111.4	106.3	100.0	91.8	86.7	86.7	79.8	73.4	67.7	62.7
7.5°	245.0	239.3	220.9	190.5	150.7	124.1	122.2	99.4	84.2	72.8	63.3
10°	562.1	542.5	516.5	443.7	327.9	229.1	224.7	145.0	100.6	78.5	64.6
12.5°	921.0	936.8	884.9	770.4	634.9	472.2	440.6	244.3	132.9	86.1	65.8
15°	1247.6	1243.8	1214.7	1121.0	964.7	748.2	728.6	424.7	190.5	98.1	67.1
17.5°	1492.0	1487.6	1459.7	1399.6	1279.3	1062.8	1045.7	677.3	298.8	115.2	68.4
20°	1749.6	1743.9	1704.7	1656.6	1551.5	1367.3	1347.0	959.6	467.8	143.1	68.4
22.5°	2058.5	2047.8	2006.0	1924.3	1813.5	1653.4	1635.0	1248.3	677.3	188.6	71.5
25°	2432.0	2413.6	2356.0	2282.6	2149.0	1936.4	1916.7	1569.8	929.9	257.6	74.7
27.5°	2858.0	2861.2	2783.3	2659.2	2480.1	2263.0	2226.3	1857.9	1191.3	356.4	78.5
30°	3363.8	3332.1	3222.6	3078.3	2904.2	2627.6	2592.1	2144.6	1485.0	502.0	84.8
32.5°	3837.3	3803.1	3655.6	3473.9	3287.2	2995.4	2966.2	2466.8	1752.1	674.1	96.2
35°	4243.6	4219.6	4013.2	3791.7	3625.8	3365.0	3356.2	2826.4	2066.1	859.6	108.9
37.5°	4601.3	4557.6	4292.4	4062.6	3894.2	3660.6	3641.7	3155.5	2368.7	1074.8	127.9
40°	4906.4	4882.3	4558.9	4256.9	4120.2	3911.3	3887.3	3444.2	2681.4	1324.9	151.3
42.5°	5233.0	5201.4	4887.4	4548.7	4296.8	4073.4	4057.5	3682.2	2959.9	1599.6	186.1
45°	5602.1	5543.2	5267.8	4964.0	4581.0	4241.1	4223.4	3894.2	3245.4	1894.6	228.5
47.5°	5996.4	5945.2	5722.3	5509.0	5068.4	4517.7	4479.8	4074.6	3529.0	2235.1	282.3
50°	6397.7	6399.0	6231.9	6129.4	5664.1	4967.2	4913.4	4339.9	3827.1	2599.7	362.1
52.5°	6864.9	6876.9	6874.4	6798.4	6437.6	5702.1	5629.9	4742.4	4173.4	3025.1	472.2
55°	7060.5	7082.0	7221.9	7390.3	7292.2	6633.9	6556.6	5436.9	4632.3	3499.2	635.5
57.5°	6900.4	6924.4	7117.5	7412.4	7637.8	7449.8	7440.9	6340.8	5236.8	4074.0	902.7
59°	6709.8	6706.7	6904.8	7217.5	7521.3	7643.5	7656.2	6952.3	5763.5	4477.2	1133.1
60°	6583.2	6585.7	6717.4	7038.3	7361.2	7573.2	7622.6	7312.4	6071.1	4767.1	1330.6
62.5°	6094.5	6123.7	6228.1	6526.2	6832.6	7069.4	7153.6	7633.4	6951.6	5452.0	2017.4
65°	5563.5	5565.4	5714.1	5969.2	6262.9	6429.4	6482.6	7133.9	7539.7	6149.6	2918.1
67.5°	4615.8	4654.5	4823.5	5236.8	5624.9	5835.6	5876.2	6209.7	7296.0	6604.1	3369.5
70°	3230.2	3280.8	3522.0	4058.2	4636.1	4982.4	4979.8	5162.1	6421.2	6401.5	2856.7
72.5°	1612.9	1700.2	1897.1	2471.2	3171.3	3715.1	3829.7	4152.5	5158.3	5317.2	2131.3
75°	712.8	717.8	829.9	1119.1	1576.2	2266.8	2369.3	3296.0	3957.5	3695.5	1539.5
77.5°	414.6	418.4	438.7	502.6	638.7	1110.9	1226.1	2161.7	2796.6	2147.8	1003.9
80°	150.7	154.5	153.8	190.5	279.8	437.4	487.4	1047.6	1865.5	1131.2	526.0
82.5°	92.4	92.4	89.3	89.9	101.9	167.7	183.6	446.3	908.4	557.0	150.7
85°	45.6	48.1	51.3	57.6	68.4	82.9	88.0	127.9	305.7	134.8	36.1
87.5°	27.2	27.9	30.4	36.7	45.6	59.5	63.3	86.7	109.5	90.5	8.9
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°	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
2.5°	60.1	59.5	56.3	53.8	51.3	48.7	46.8	44.9	44.9	45.6	44.9
5°	60.1	57.6	52.5	48.1	44.3	41.1	38.0	35.4	34.8	34.8	35.4
7.5°	59.5	56.3	49.4	43.7	38.6	34.2	31.0	27.9	27.2	27.9	27.2
10°	58.9	55.1	46.8	39.9	32.9	28.5	24.1	20.9	20.9	20.9	21.5
12.5°	58.9	53.2	44.3	36.1	28.5	23.4	19.0	15.8	15.2	15.2	15.2
15°	58.2	51.9	41.8	31.7	24.1	17.7	13.9	10.8	10.8	10.8	10.8
17.5°	57.0	50.0	38.6	27.9	19.0	13.3	9.5	6.3	6.3	7.6	7.6
20°	55.7	48.1	34.8	22.8	15.8	10.1	6.3	3.8	3.8	5.7	6.3
22.5°	56.3	48.1	32.3	20.3	12.7	7.6	5.1	3.2	2.5	4.4	5.7
25°	57.0	46.8	29.1	17.7	9.5	5.7	3.8	1.3	0.6	1.3	1.9
27.5°	57.0	45.6	25.3	13.9	7.0	4.4	1.9	0.0	0.0	0.0	0.0
30°	56.3	43.7	22.2	11.4	5.1	2.5	0.6	0.0	0.0	0.0	0.0
32.5°	55.7	41.8	20.3	8.9	4.4	1.3	0.0	0.0	0.0	0.0	0.0
35°	56.3	39.2	17.7	7.0	2.5	0.0	0.0	0.0	0.0	0.0	1.3
37.5°	58.2	36.7	15.2	5.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	60.8	34.8	12.7	4.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	65.8	34.8	11.4	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	72.2	34.8	9.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	80.4	35.4	8.2	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	90.5	36.7	7.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	98.1	35.4	7.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	111.4	34.2	6.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	129.1	32.3	6.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	146.9	29.8	6.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	167.1	28.5	5.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	276.0	25.3	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	533.0	24.1	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	861.5	24.1	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	905.8	24.1	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	602.6	19.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	322.8	17.7	1.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	174.1	16.5	2.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	76.6	12.0	3.2	1.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	30.4	8.2	3.8	3.2	2.5	1.3	0.0	0.0	0.0	0.0	0.0
85°	14.6	6.3	5.1	4.4	3.2	1.9	0.0	0.0	0.0	0.0	0.0
87.5°	7.0	6.3	5.7	5.1	4.4	3.2	0.6	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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

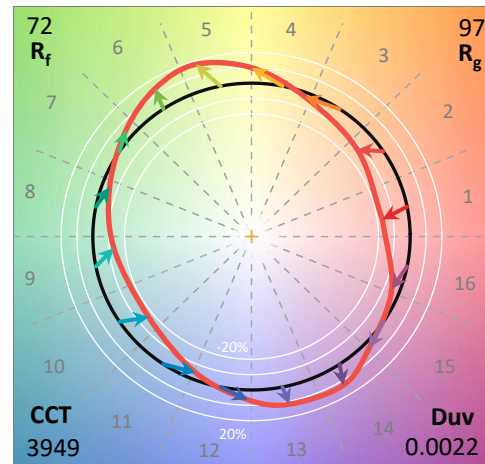
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-1
 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-740-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949	CRI (Ra):	70.7		
CIE u':	0.2248	R1:	68.0	R9:	-36.7
CIE v':	0.5053	R2:	76.0	R10:	45.1
Duv:	0.0022	R3:	84.3	R11:	70.7
CIE x:	0.3844	R4:	72.0	R12:	47.1
CIE y:	0.3840	R5:	68.6	R13:	68.5
CIE z:	0.2316	R6:	68.3	R14:	91.1
Peak Wavelength (nm):	440	R7:	77.9	R15:	58.7
Dominant Wavelength (nm):	578	R8:	50.3		
Purity:	30.60026				
Rf:	71.8				
Rg:	96.5				



Test Conditions

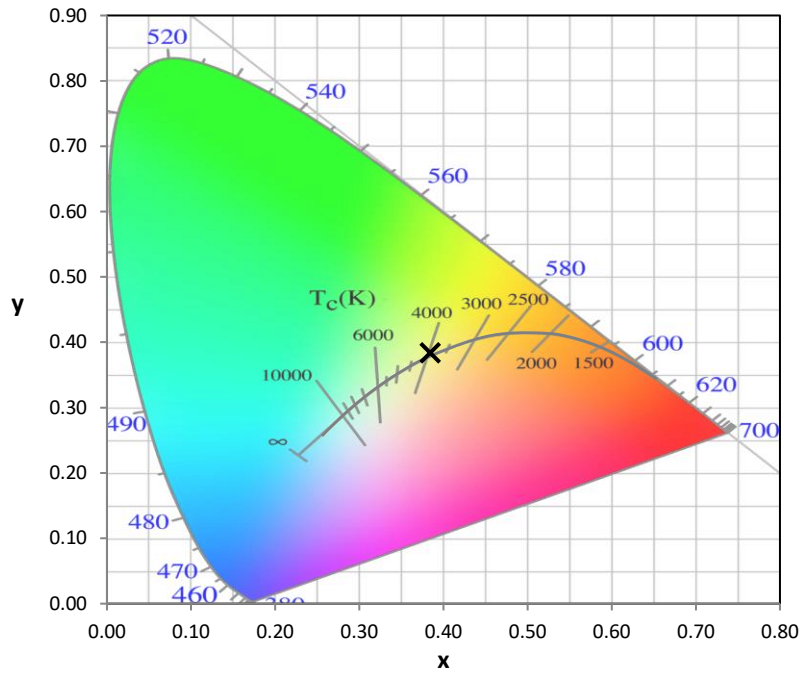
Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

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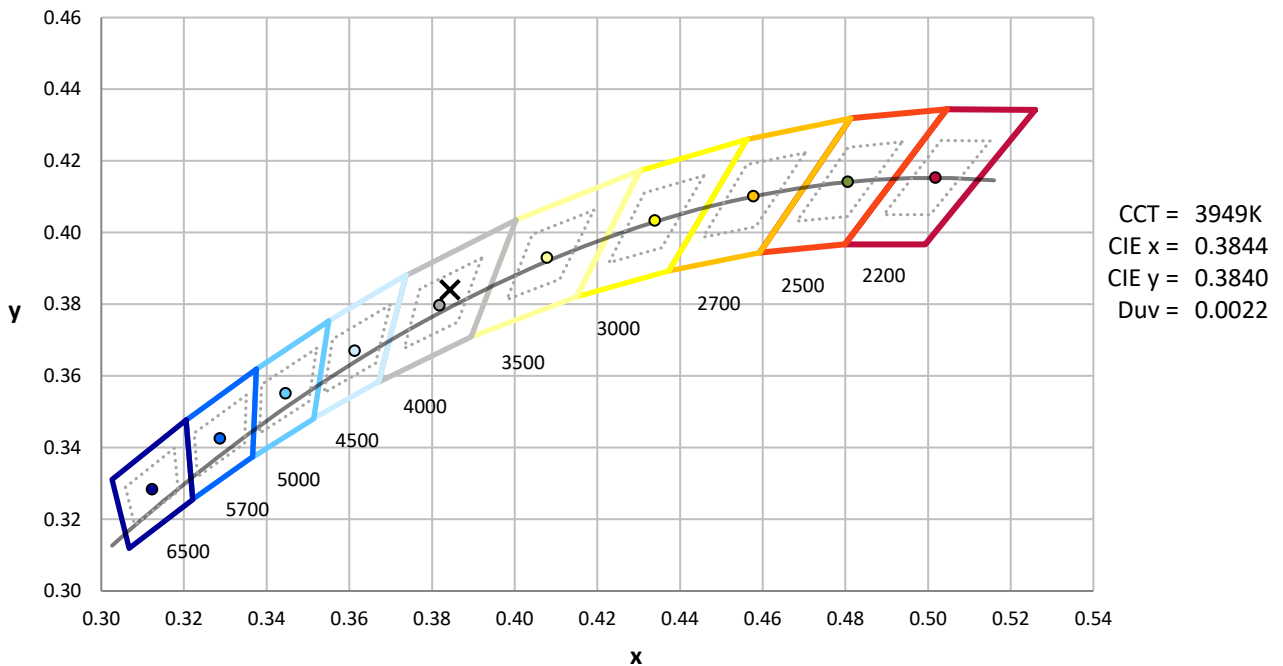
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



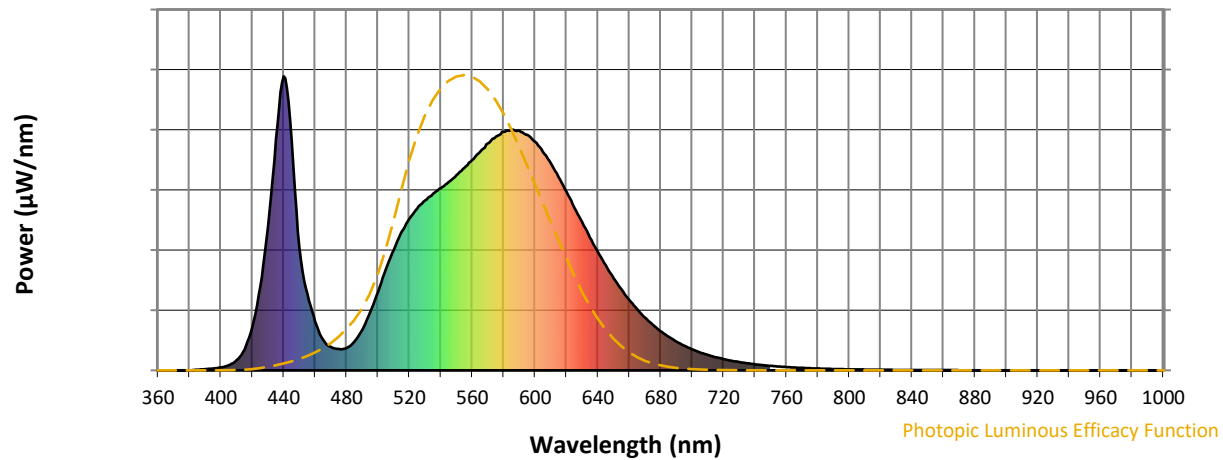
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

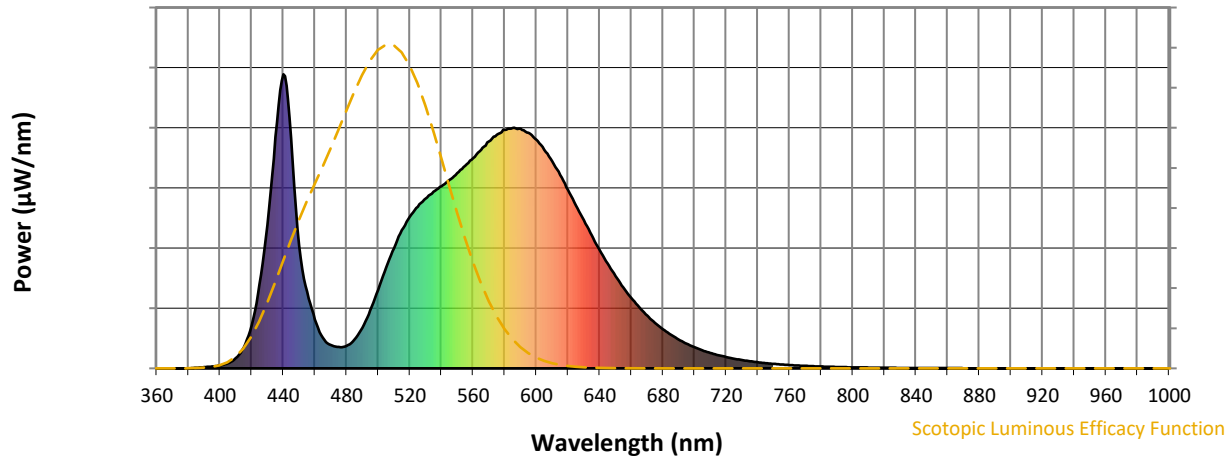


Photopic Lumens: NR

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



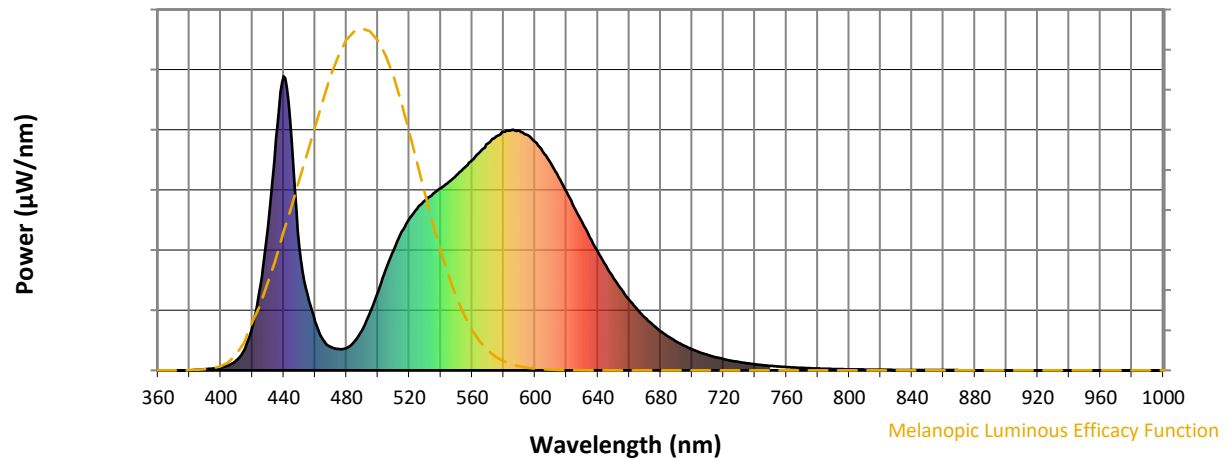
Scotopic Lumens: NR

S/P: 1.47

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.78

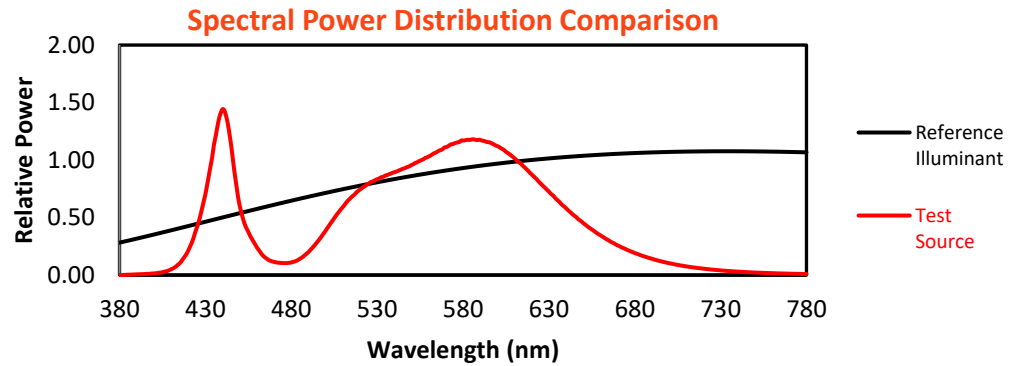
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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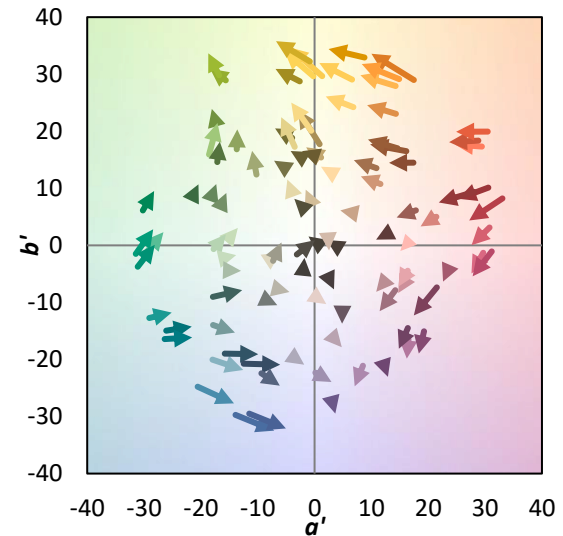
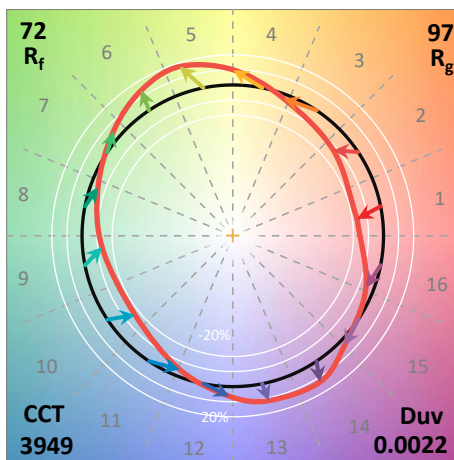
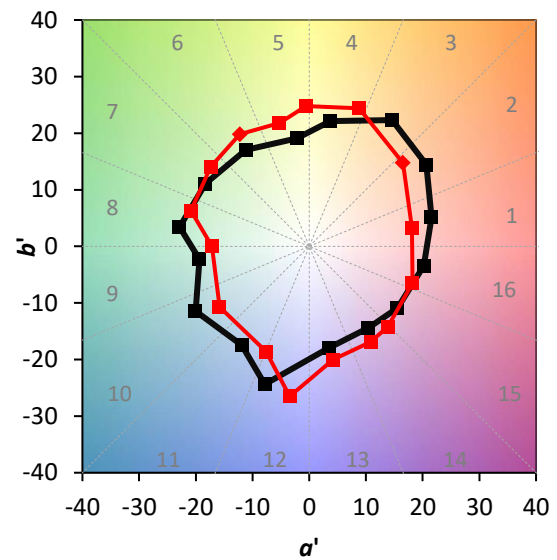
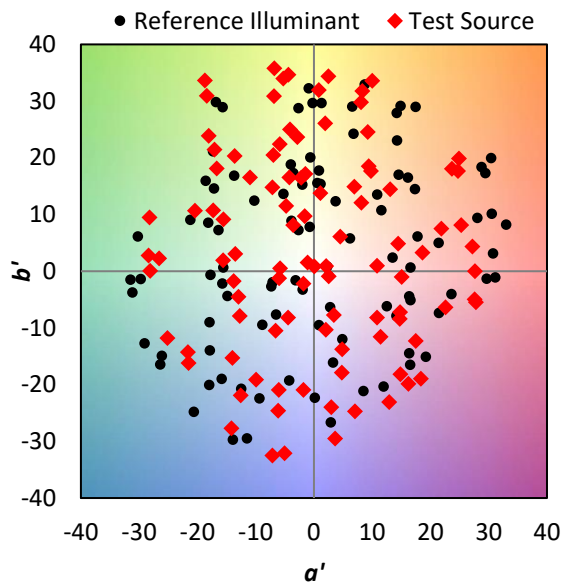
TM-30-18

Summary

$R_f = 71.8$
 $R_g = 96.5$
 CIE $R_a = 70.7$
 $R_g = -36.7$

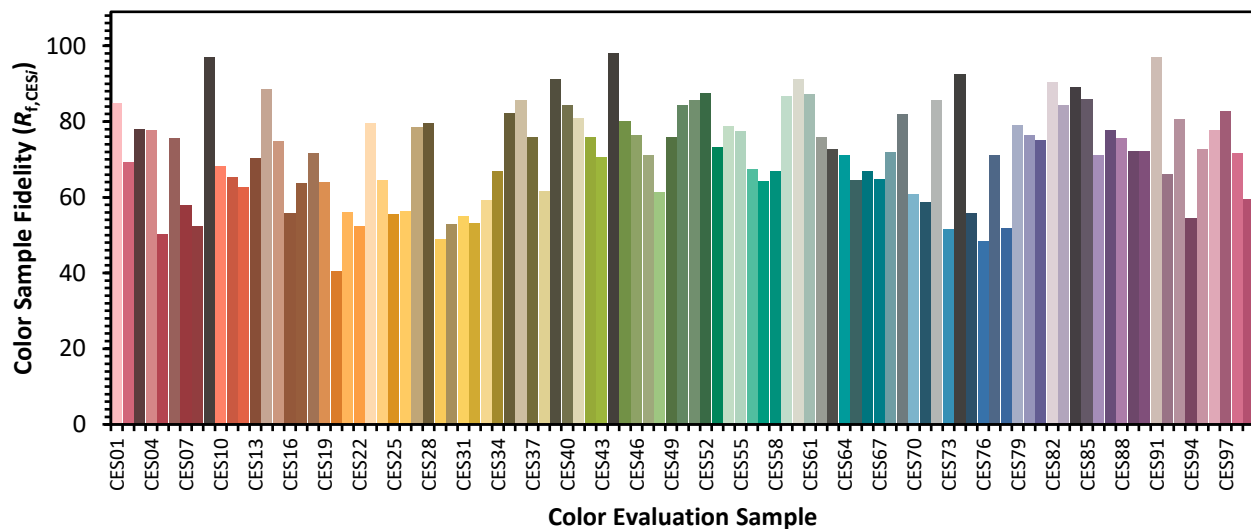


Color Vector Graphics

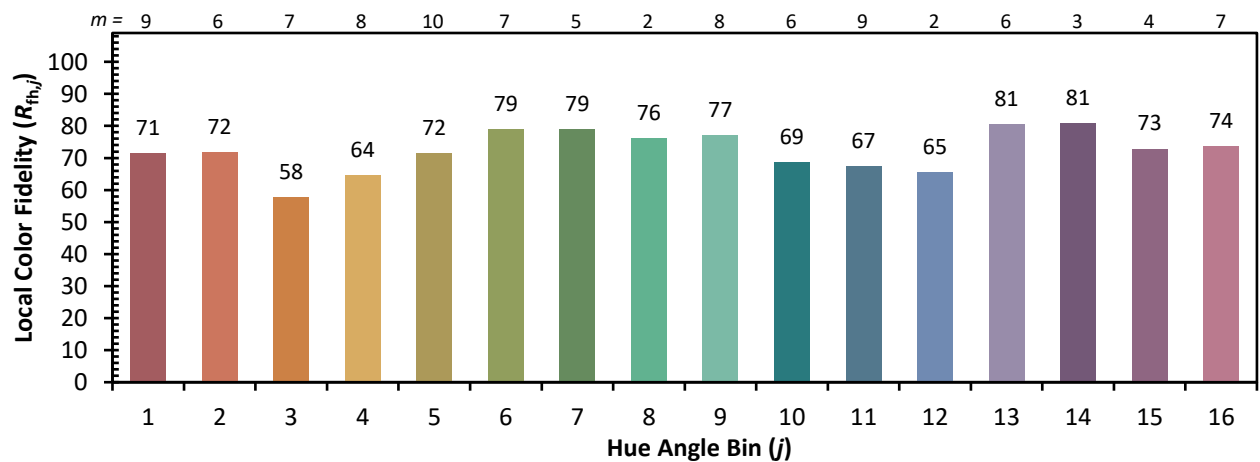
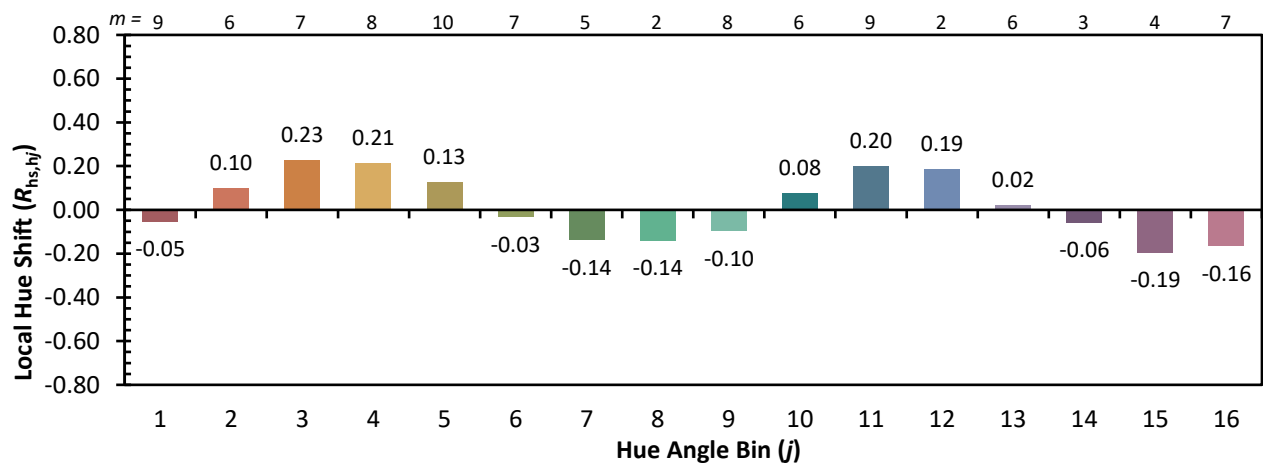
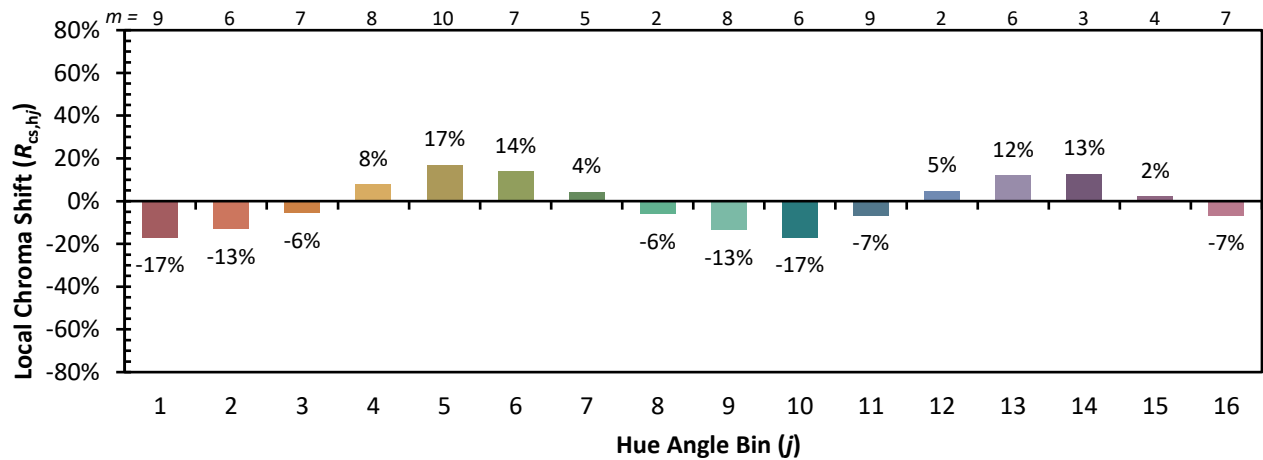


Individual Sample Fidelity Index ($R_{f,i}$)

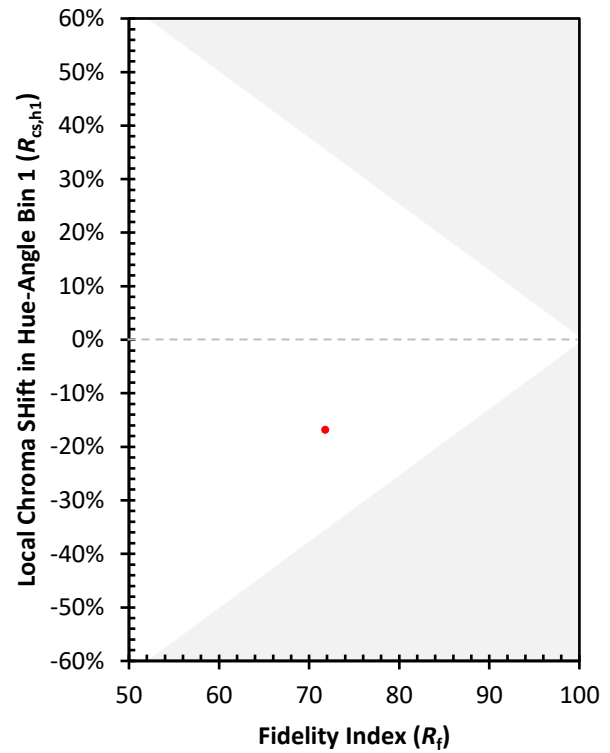
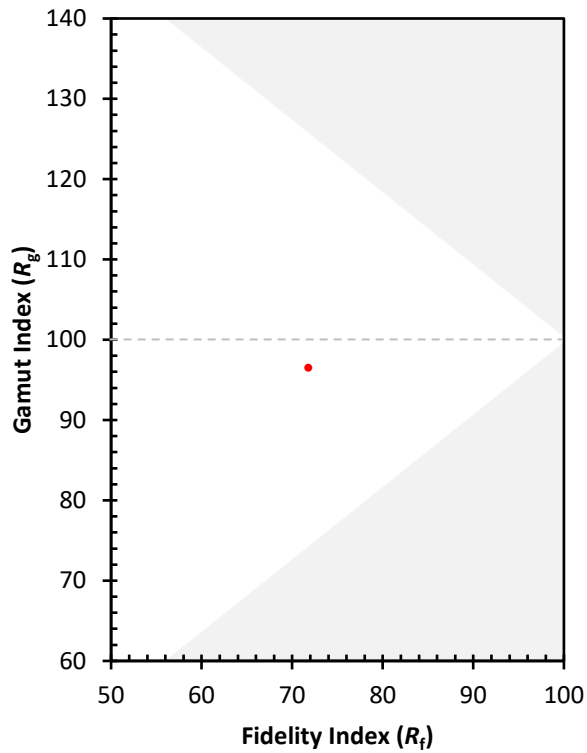
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)