

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: P1066190

Luminaire Tested: **NVN-SA1B-740-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066190
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA1B-740-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 1xLight Square PACKAGE
70CRI 4000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (14) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4621.7 lumens
Efficiency: N/A
Efficacy: 121.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 37.9
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

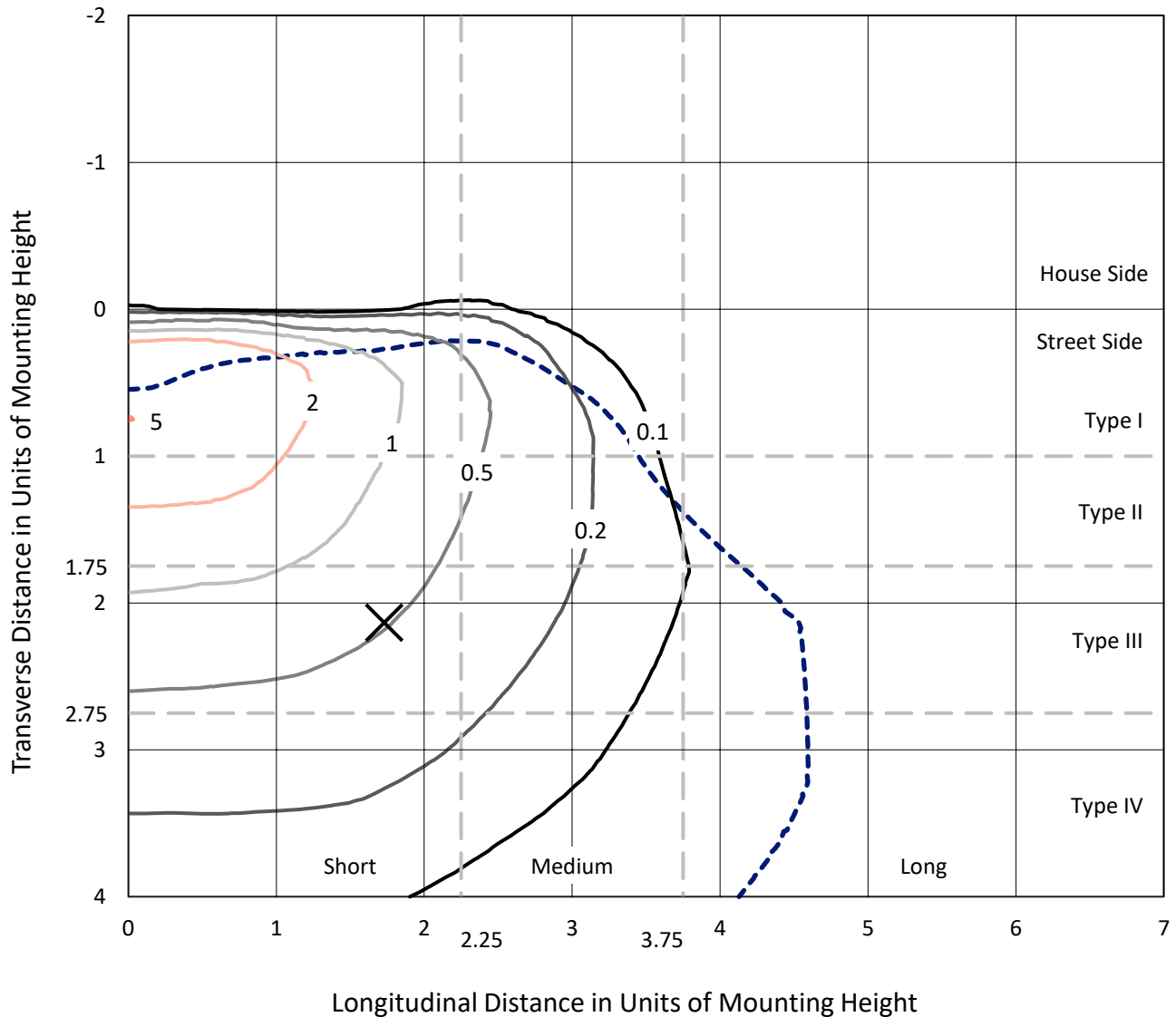


REPORT NUMBER: P1066190

CATALOG NUMBER: NVN-SA1B-740-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

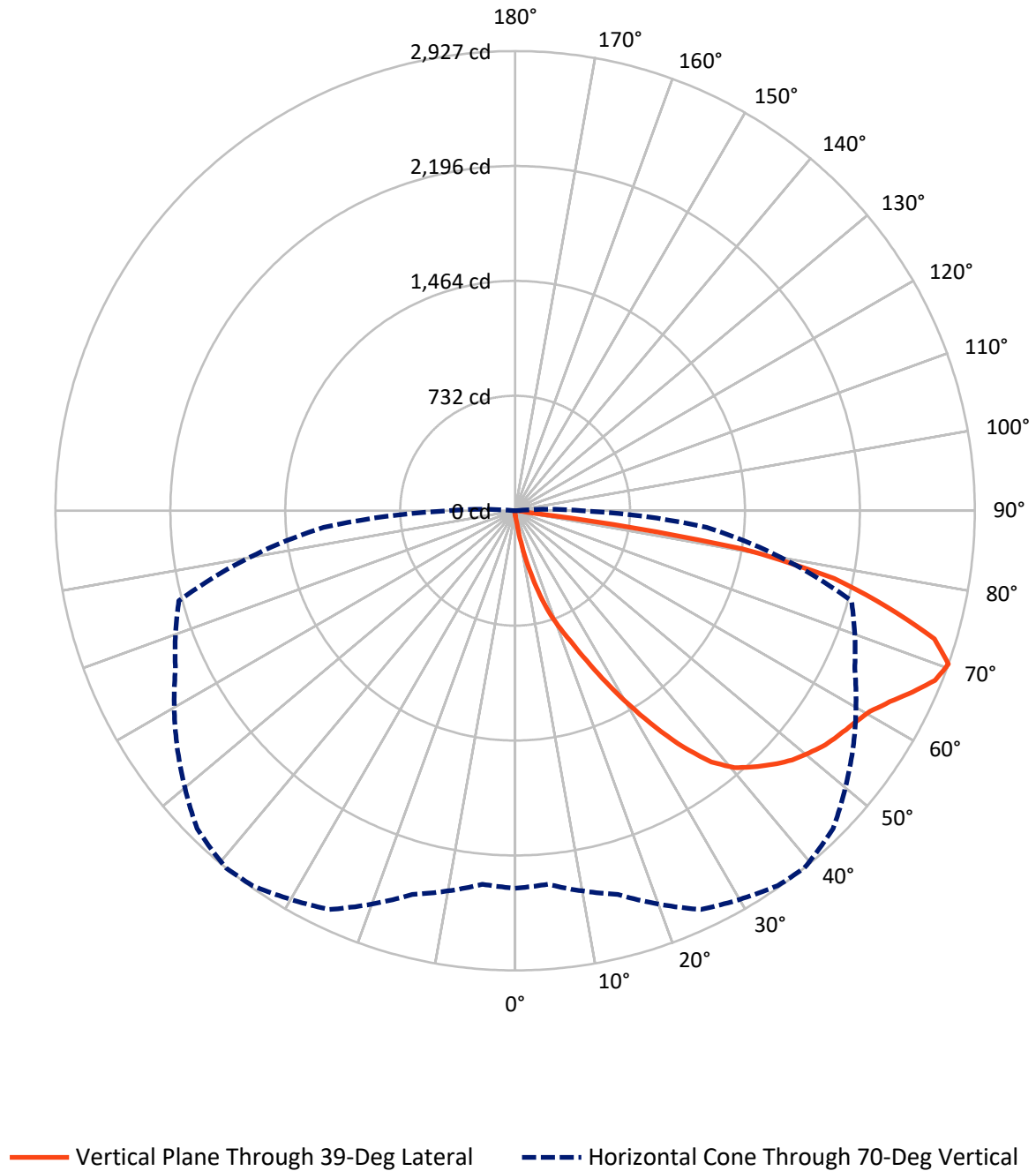


Based on 15 foot mounting height. Maximum calculated value = 5 fc
 Type IV - Short - N/A

REPORT NUMBER: P1066190

CATALOG NUMBER: NVN-SA1B-740-U-T4BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1066190

CATALOG NUMBER: NVN-SA1B-740-U-T4BC

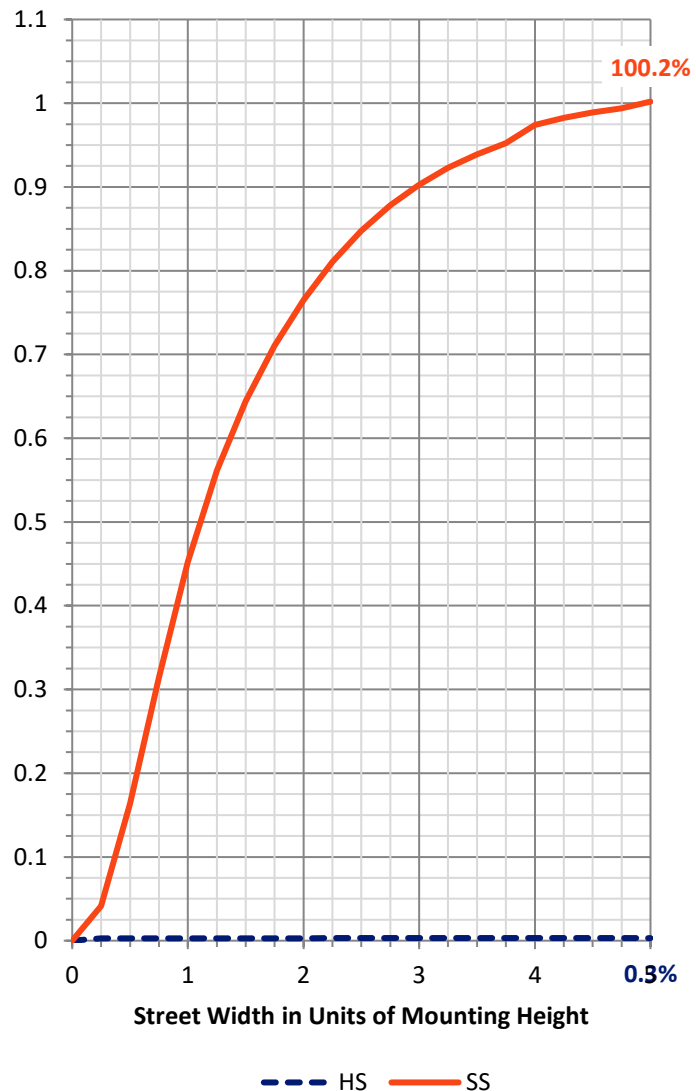
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	14.2	0.0	14.2
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	4607.4	0.0	4607.4
	% Fixture	99.7	0.0	99.7
Total	Lumens	4621.7	0.0	4621.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.9	0.1
10°-20°	56.8	1.2
20°-30°	192.8	4.2
30°-40°	453.1	9.8
40°-50°	735.8	15.9
50°-60°	932.4	20.2
60°-70°	1184.4	25.6
70°-80°	962.3	20.8
80°-90°	99.1	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°	4621.7	100.0
0°-180°	4621.7	100.0



REPORT NUMBER: P1066190

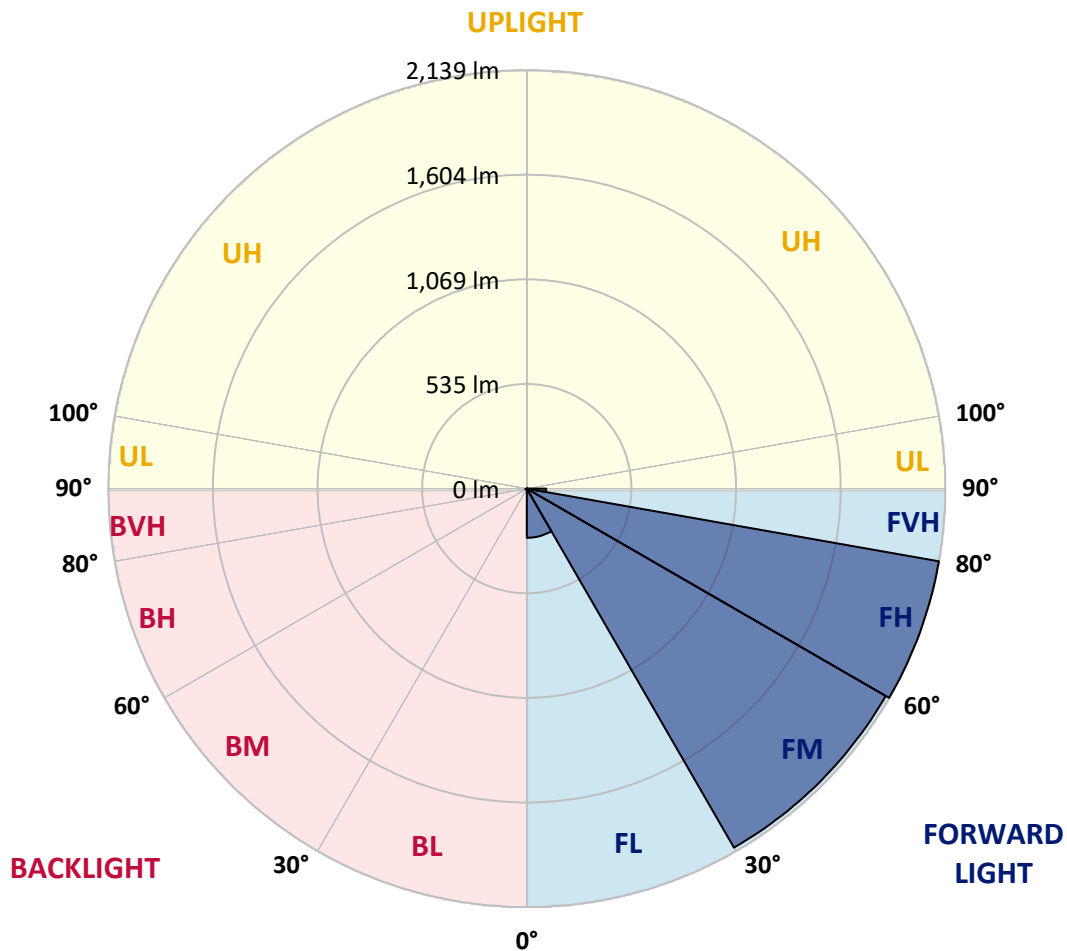
CATALOG NUMBER: NVN-SA1B-740-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	251.4	5.4			
FM	(30°-60°)	2118.6	45.8			
FH	(60°-80°)	2138.9	46.3			G2/5000
FVH	(80°-90°)	98.5	2.1			G1/100
BL	(0°-30°)	3.1	0.1	B0/110		
BM	(30°-60°)	2.7	0.1	B0/220		
BH	(60°-80°)	7.8	0.2	B0/110		G0/110
BVH	(80°-90°)	0.6	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 IV Short



REPORT NUMBER: P1066190

CATALOG NUMBER: NVN-SA1B-740-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
2.5°	32.6	32.6	32.6	31.4	31.4	30.1	30.1	28.9	27.6	27.6	26.4
5°	61.5	62.7	59.0	51.4	46.4	43.9	41.4	35.1	31.4	28.9	26.4
7.5°	168.1	163.1	155.6	130.5	100.4	85.3	72.8	51.4	37.6	30.1	26.4
10°	353.8	340.0	318.7	284.8	225.9	202.0	156.8	94.1	52.7	33.9	26.4
12.5°	519.5	522.0	495.6	463.0	391.5	351.3	289.9	176.9	82.8	40.2	26.4
15°	644.9	642.4	632.4	606.1	542.1	503.2	448.0	297.4	139.3	50.2	27.6
17.5°	744.1	734.0	730.3	719.0	677.6	656.2	596.0	437.9	220.8	67.8	28.9
20°	843.2	840.7	836.9	824.4	796.8	781.7	735.3	579.7	328.7	96.6	31.4
22.5°	987.5	973.7	976.2	948.6	926.0	899.7	862.0	730.3	453.0	138.0	35.1
25°	1156.9	1155.6	1135.6	1123.0	1085.4	1056.5	1006.3	875.8	591.0	199.5	38.9
27.5°	1356.4	1342.6	1333.8	1312.5	1273.6	1241.0	1172.0	1020.1	740.3	268.5	43.9
30°	1564.7	1564.7	1548.4	1515.8	1478.1	1438.0	1367.7	1172.0	888.4	356.4	50.2
32.5°	1808.1	1813.1	1773.0	1724.0	1675.1	1647.5	1555.9	1343.9	1030.2	456.7	57.7
35°	2044.0	2037.7	1971.2	1917.3	1880.9	1850.8	1773.0	1532.1	1190.8	573.4	67.8
37.5°	2269.9	2253.6	2143.1	2066.6	2050.3	2030.2	1952.4	1720.3	1350.1	702.7	80.3
40°	2431.7	2406.6	2292.5	2187.1	2163.2	2151.9	2091.7	1890.9	1518.3	847.0	96.6
42.5°	2502.0	2473.1	2394.1	2308.8	2256.1	2229.7	2177.0	2030.2	1686.4	1007.6	120.5
45°	2515.8	2493.2	2436.8	2416.7	2345.2	2305.0	2233.5	2129.3	1843.3	1166.9	153.1
47.5°	2465.6	2455.6	2421.7	2464.4	2428.0	2372.8	2286.2	2203.4	1982.5	1360.2	198.3
50°	2342.6	2335.1	2351.4	2463.1	2488.2	2425.5	2343.9	2261.1	2103.0	1559.7	262.2
52.5°	2177.0	2175.8	2252.3	2430.5	2514.6	2475.7	2400.4	2318.8	2198.4	1752.9	352.6
55°	1996.3	2017.7	2151.9	2400.4	2529.6	2512.0	2455.6	2370.3	2283.7	1932.3	498.1
57.5°	1981.3	1972.5	2101.7	2387.8	2538.4	2548.4	2510.8	2424.2	2356.5	2079.1	692.6
60°	2131.8	2111.8	2160.7	2414.2	2577.3	2594.9	2566.0	2465.6	2429.2	2194.6	948.6
62.5°	2306.3	2287.4	2312.5	2515.8	2653.8	2678.9	2642.5	2508.3	2488.2	2274.9	1223.4
65°	2445.5	2430.5	2478.2	2667.6	2760.5	2781.8	2756.7	2587.3	2514.6	2340.1	1446.7
67.5°	2468.1	2449.3	2548.4	2769.3	2868.4	2883.5	2863.4	2663.9	2505.8	2345.2	1498.2
70°	2404.1	2387.8	2529.6	2801.9	2914.8	2927.4	2863.4	2627.5	2386.6	2217.2	1224.7
72.5°	2207.1	2219.7	2402.9	2722.8	2850.8	2793.1	2657.6	2444.3	2232.2	1879.6	859.5
75°	1901.0	1914.8	2158.2	2505.8	2515.8	2445.5	2372.8	2248.5	1997.6	1238.5	596.0
77.5°	1351.4	1302.4	1666.3	2069.1	2032.7	2077.9	2084.2	1870.9	1672.6	644.9	399.0
80°	133.0	112.9	209.5	593.5	1311.2	1465.6	1525.8	1441.7	1233.4	288.6	209.5
82.5°	28.9	28.9	31.4	33.9	52.7	79.1	362.6	888.4	796.8	146.8	67.8
85°	16.3	16.3	20.1	23.8	31.4	35.1	41.4	55.2	214.6	52.7	12.5
87.5°	12.5	13.8	16.3	20.1	26.4	28.9	35.1	43.9	54.0	48.9	3.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1066190

CATALOG NUMBER: NVN-SA1B-740-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
2.5°	26.4	25.1	23.8	22.6	21.3	21.3	20.1	20.1	20.1	20.1	20.1
5°	25.1	23.8	22.6	20.1	18.8	17.6	16.3	16.3	16.3	16.3	16.3
7.5°	25.1	23.8	21.3	18.8	16.3	15.1	13.8	12.5	12.5	13.8	13.8
10°	25.1	22.6	18.8	16.3	13.8	12.5	11.3	10.0	10.0	10.0	10.0
12.5°	23.8	21.3	17.6	15.1	12.5	10.0	7.5	6.3	6.3	6.3	6.3
15°	22.6	20.1	16.3	12.5	8.8	6.3	5.0	3.8	3.8	3.8	3.8
17.5°	22.6	18.8	15.1	11.3	6.3	3.8	2.5	1.3	1.3	1.3	2.5
20°	22.6	18.8	13.8	8.8	3.8	2.5	2.5	1.3	0.0	1.3	1.3
22.5°	22.6	17.6	11.3	6.3	3.8	2.5	1.3	0.0	0.0	0.0	0.0
25°	23.8	17.6	10.0	5.0	2.5	1.3	0.0	0.0	0.0	0.0	0.0
27.5°	23.8	16.3	8.8	3.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0
30°	25.1	16.3	7.5	2.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	25.1	15.1	5.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	25.1	13.8	3.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	25.1	12.5	3.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	26.4	11.3	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	27.6	10.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	28.9	8.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	32.6	8.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	37.6	8.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	45.2	8.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	59.0	7.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	85.3	7.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	143.0	7.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	251.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	424.1	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	553.4	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	420.3	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	200.8	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	89.1	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	38.9	3.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	15.1	2.5	1.3	1.3	1.3	1.3	0.0	0.0	0.0	0.0	0.0
82.5°	6.3	2.5	1.3	1.3	1.3	1.3	1.3	0.0	0.0	0.0	0.0
85°	3.8	2.5	2.5	2.5	1.3	1.3	1.3	0.0	0.0	0.0	0.0
87.5°	2.5	2.5	2.5	2.5	2.5	1.3	1.3	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

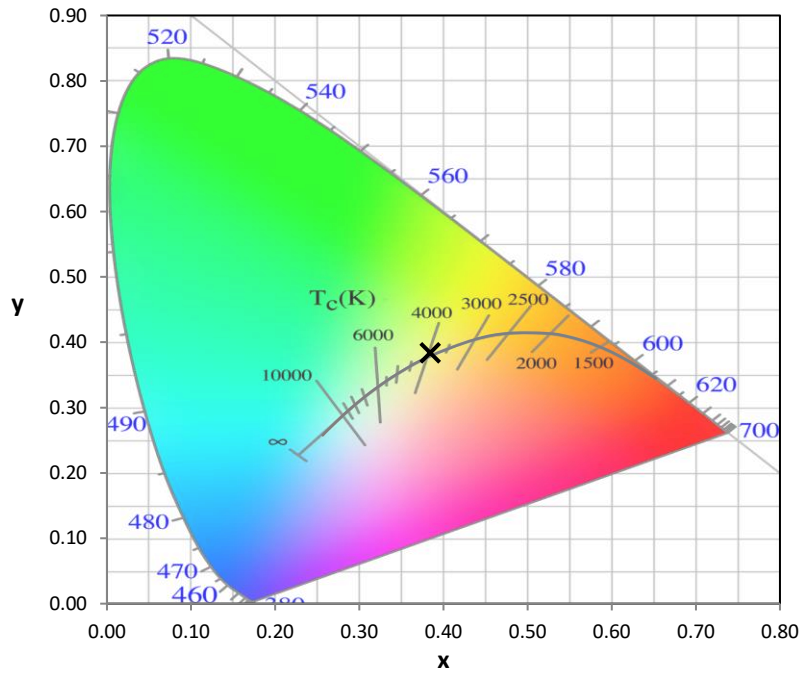
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

REPORT NUMBER: SP1-2407-184-1

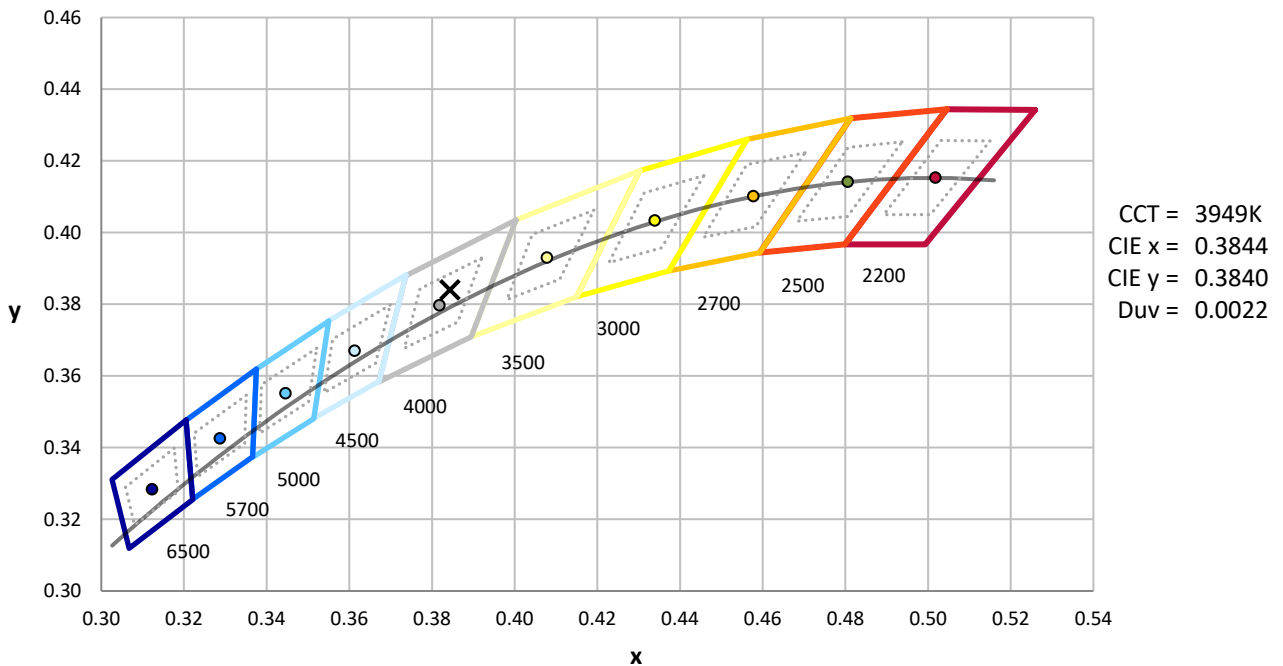
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-1

CIE 1931 Chromaticity Diagram



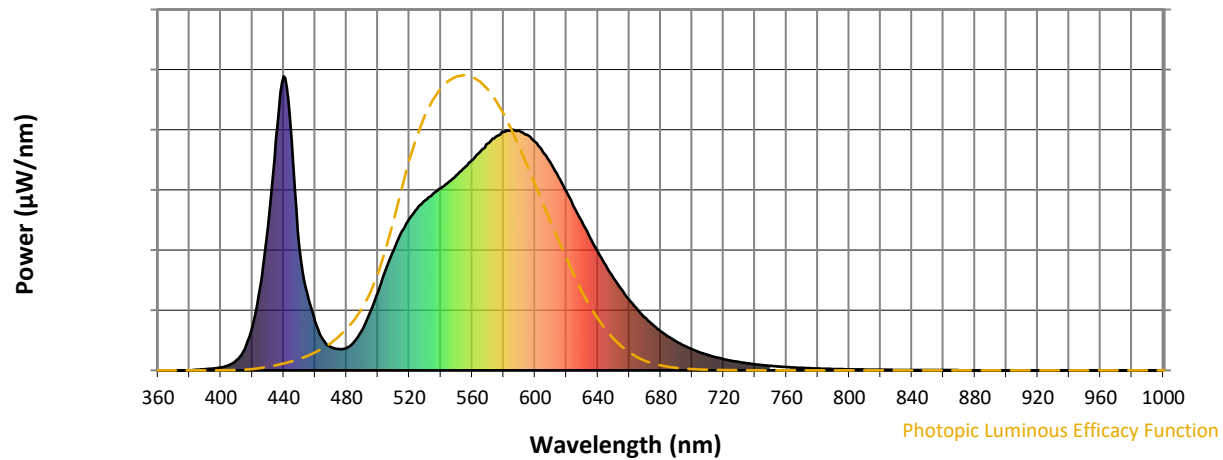
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

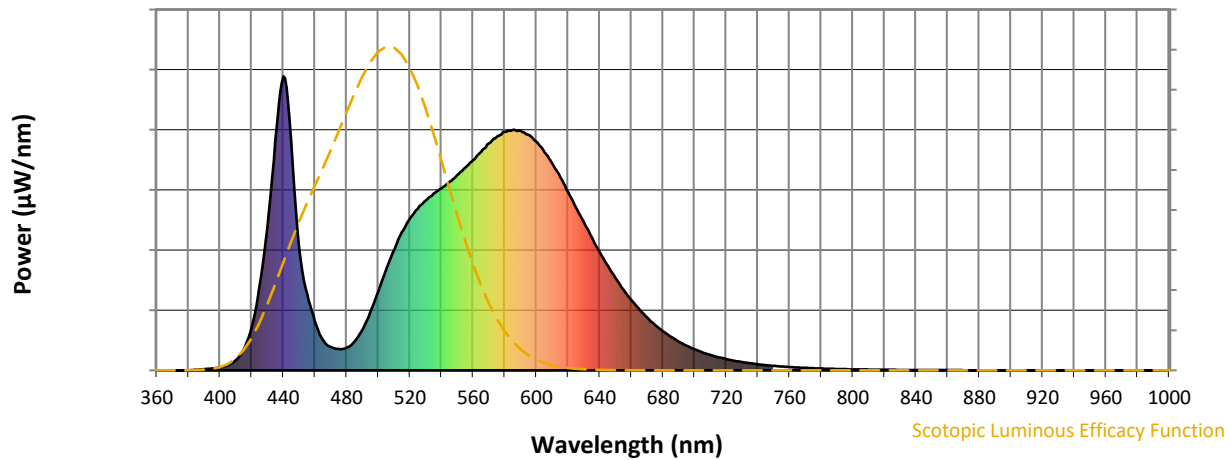


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-1

Scotopic Flux vs. Wavelength



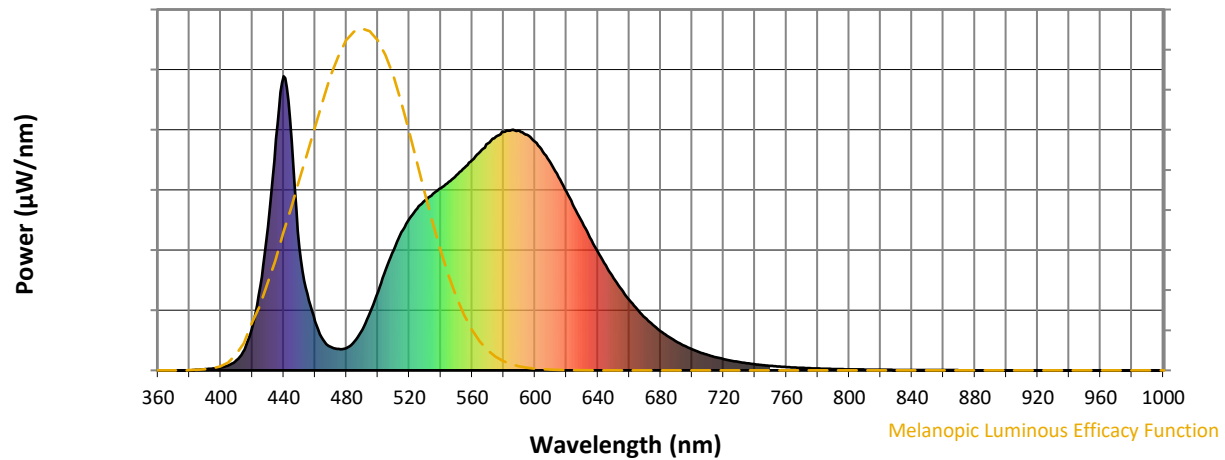
Scotopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.78

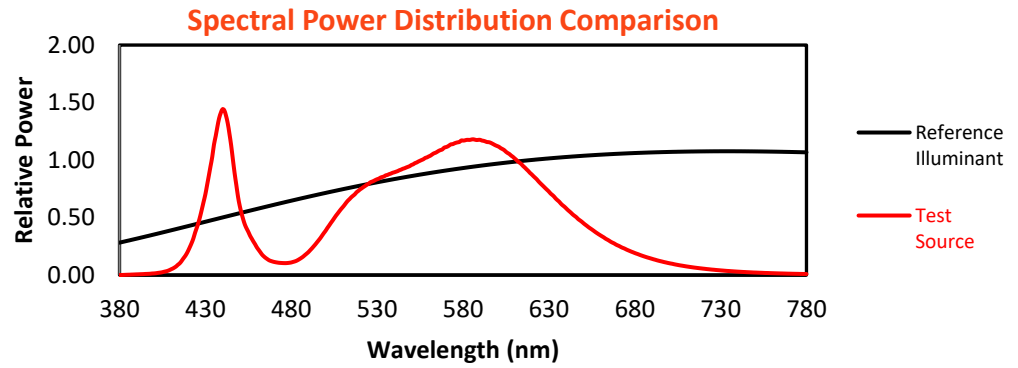
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	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			

REPORT NUMBER: SP1-2407-184-1

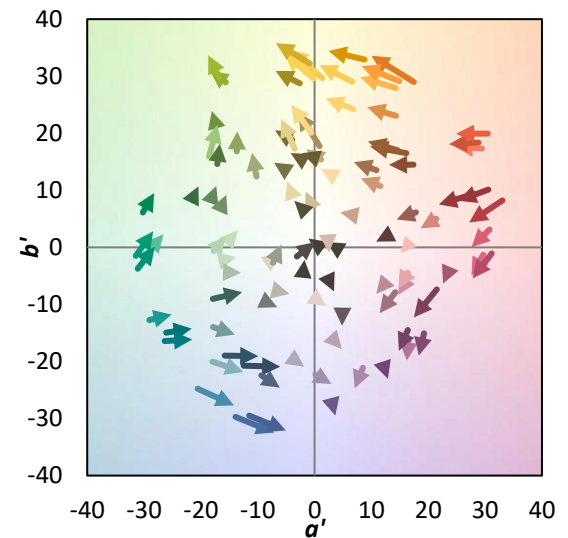
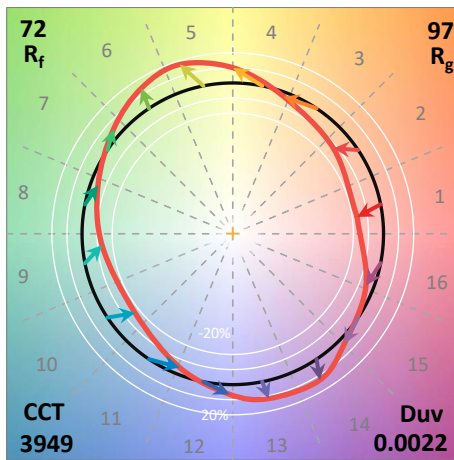
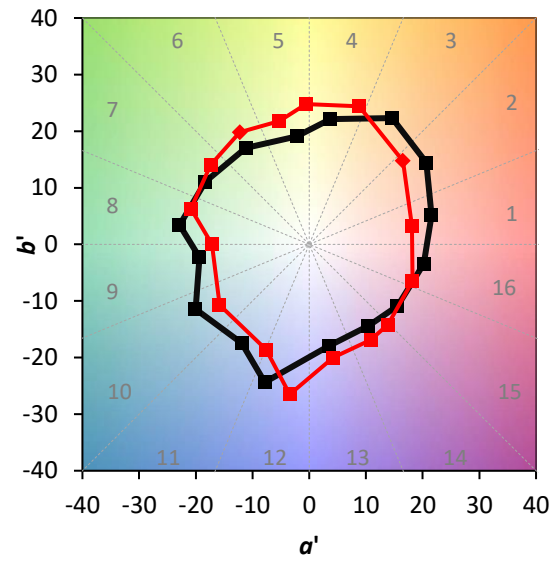
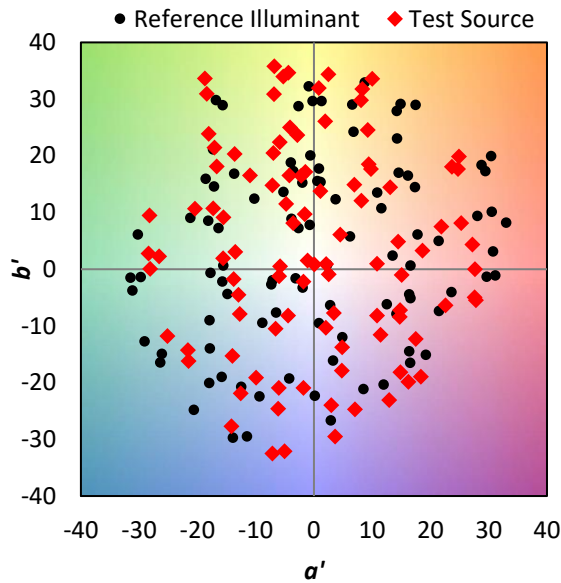
TM-30-18

Summary

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

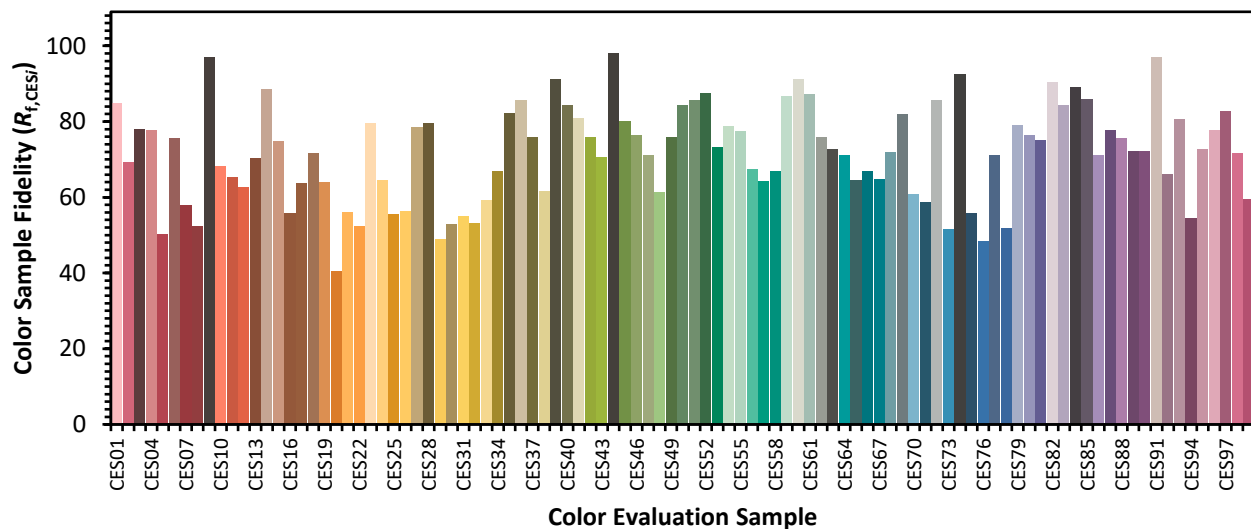


Color Vector Graphics

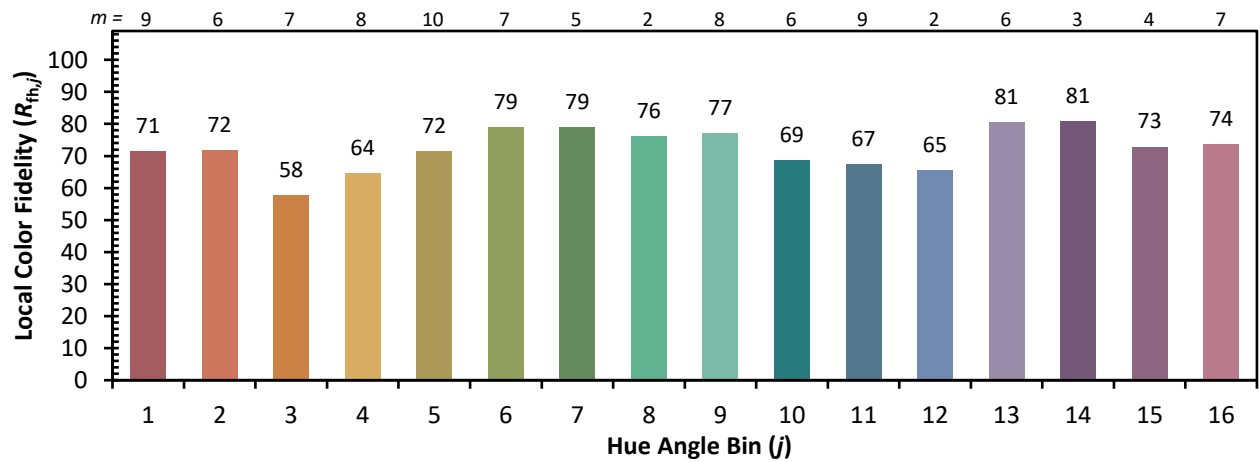
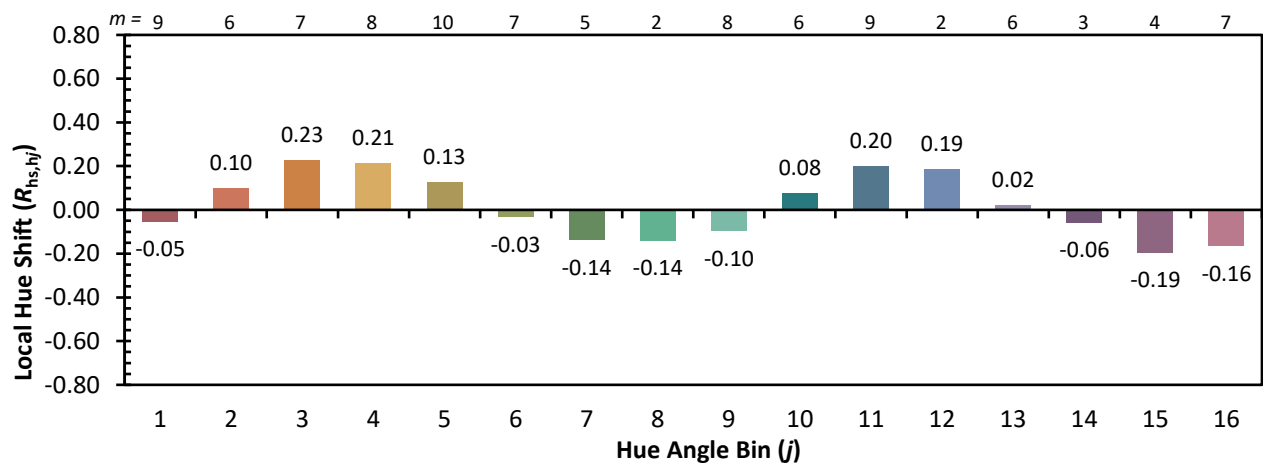
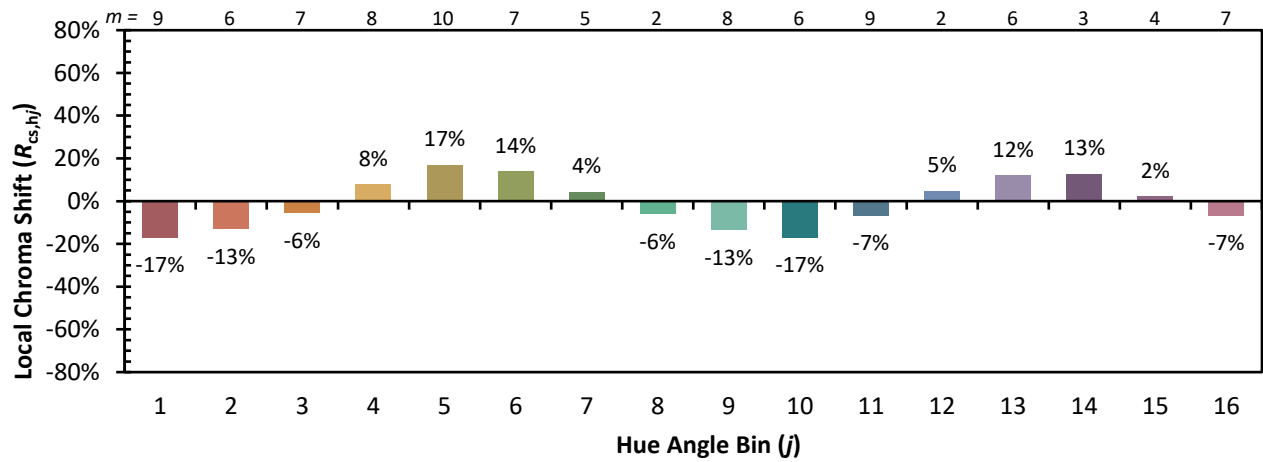


Individual Sample Fidelity Index ($R_{f,i}$)

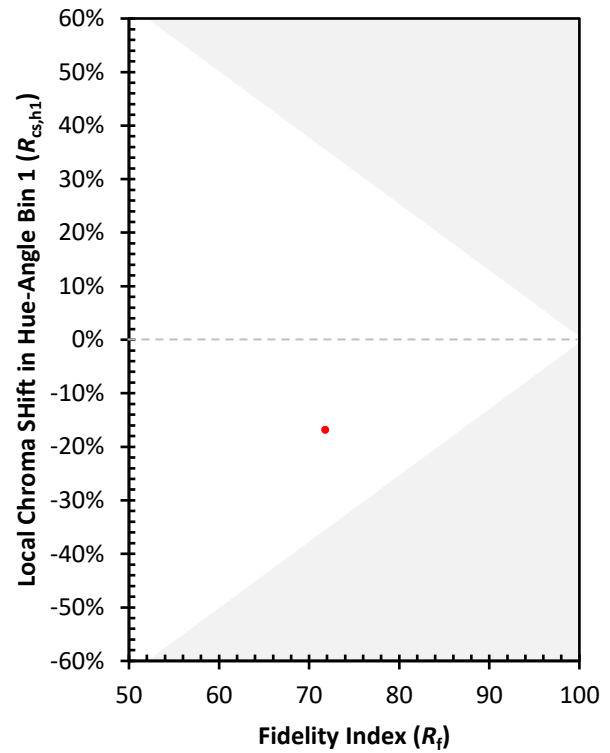
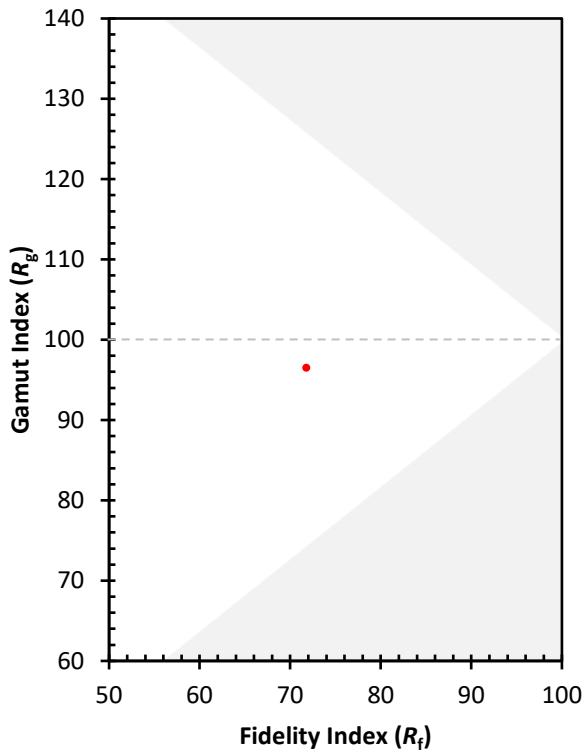
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 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)