

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: P1065830

Luminaire Tested: **NVN-SA1B-750-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1065830
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA1B-750-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 1xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4834 lumens
Efficiency: N/A
Efficacy: 127.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - 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



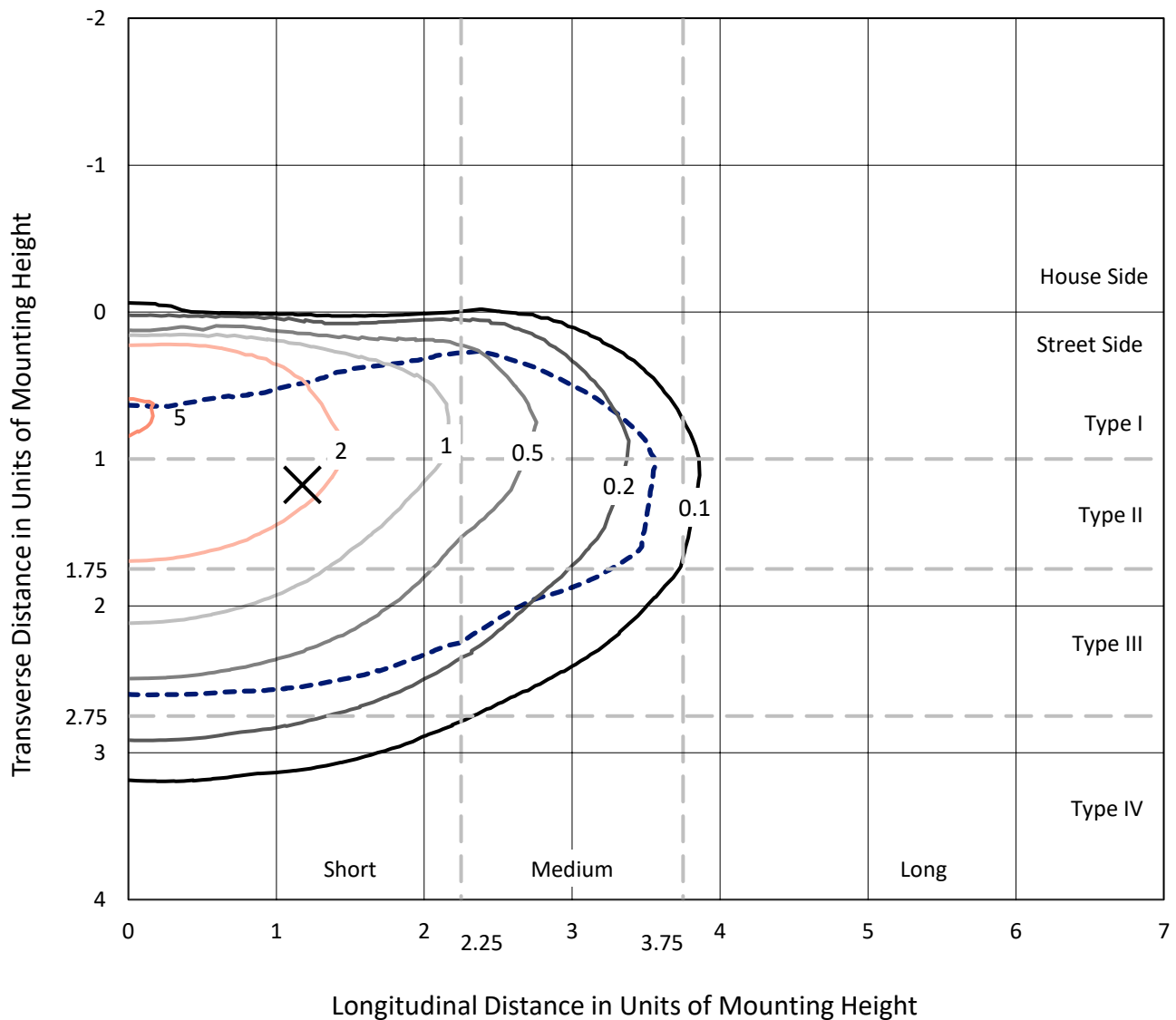
REPORT NUMBER: P1065830

CATALOG NUMBER: NVN-SA1B-750-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

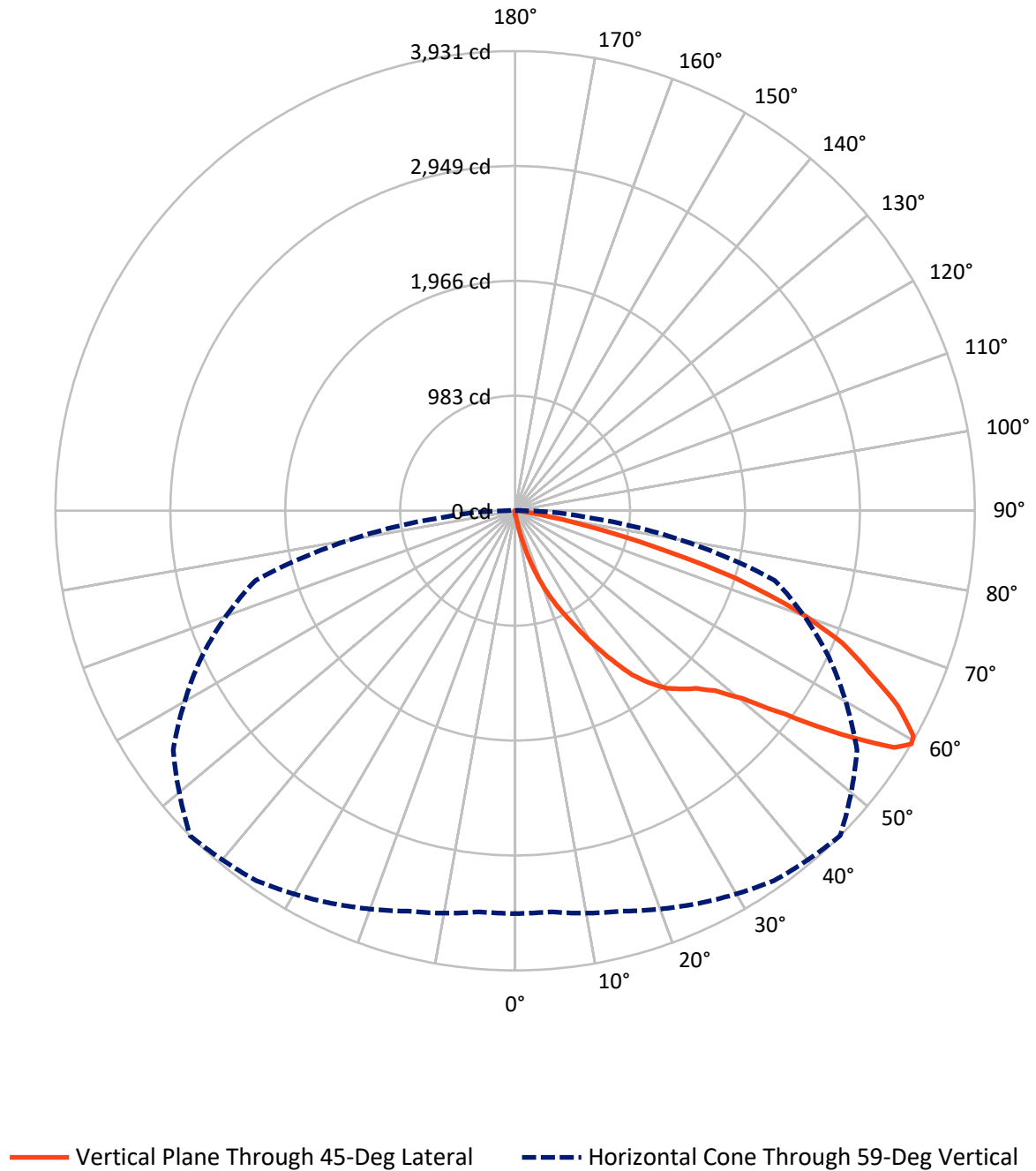


Based on 15 foot mounting height. Maximum calculated value = 5.3 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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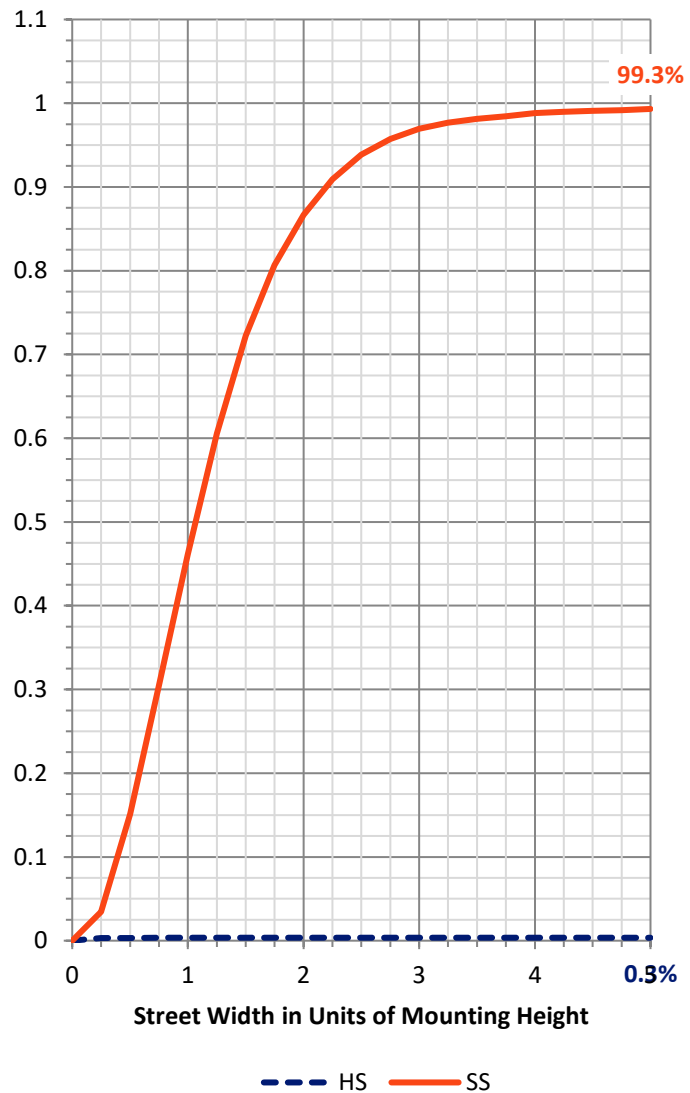
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	17.2	0.0	17.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	4816.9	0.0	4816.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	4834.0	0.0	4834.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.5	0.1
10°-20°	53.4	1.1
20°-30°	192.0	4.0
30°-40°	446.1	9.2
40°-50°	760.4	15.7
50°-60°	1252.9	25.9
60°-70°	1448.6	30.0
70°-80°	622.4	12.9
80°-90°	53.8	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°	4834.0	100.0
0°-180°	4834.0	100.0



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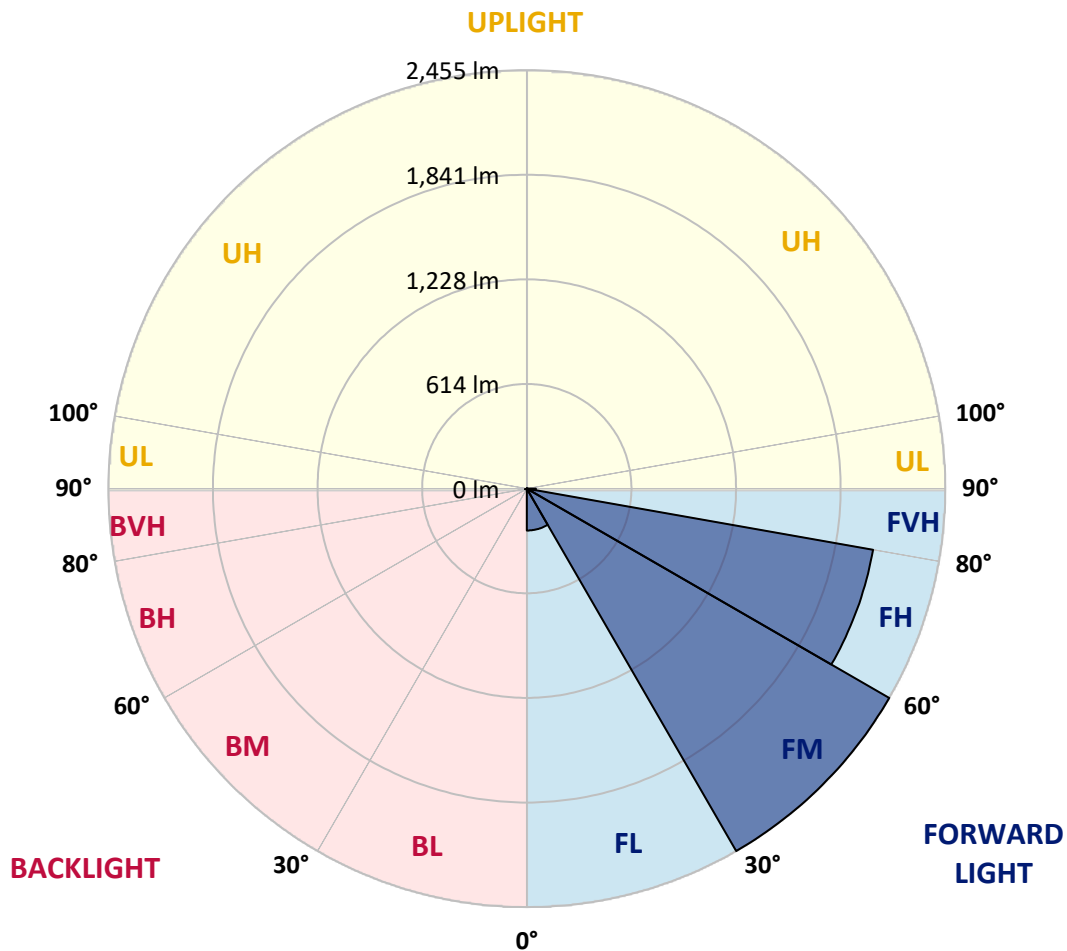
CATALOG NUMBER: NVN-SA1B-750-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	245.7	5.1			
FM	(30°-60°)	2455.2	50.8			
FH	(60°-80°)	2062.9	42.7			G2/5000
FVH	(80°-90°)	53.1	1.1			G1/100
BL	(0°-30°)	4.2	0.1	B0/110		
BM	(30°-60°)	4.2	0.1	B0/220		
BH	(60°-80°)	8.1	0.2	B0/110		G0/110
BVH	(80°-90°)	0.7	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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CATALOG NUMBER: NVN-SA1B-750-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
2.5°	39.7	39.7	38.7	37.4	37.1	36.1	36.1	35.1	33.8	32.8	31.5
5°	57.5	57.2	54.6	51.4	47.1	44.5	44.5	41.0	37.7	34.8	32.2
7.5°	125.8	122.9	113.4	97.8	77.4	63.7	62.7	51.0	43.2	37.4	32.5
10°	288.6	278.6	265.2	227.9	168.4	117.7	115.4	74.4	51.7	40.3	33.2
12.5°	472.9	481.1	454.4	395.6	326.0	242.5	226.2	125.5	68.3	44.2	33.8
15°	640.7	638.7	623.8	575.6	495.4	384.2	374.1	218.1	97.8	50.4	34.5
17.5°	766.1	763.8	749.5	718.7	656.9	545.7	537.0	347.8	153.4	59.2	35.1
20°	898.4	895.5	875.3	850.6	796.7	702.1	691.7	492.8	240.2	73.5	35.1
22.5°	1057.0	1051.5	1030.1	988.1	931.2	849.0	839.6	641.0	347.8	96.9	36.7
25°	1248.8	1239.4	1209.8	1172.1	1103.5	994.3	984.2	806.1	477.5	132.3	38.4
27.5°	1467.6	1469.2	1429.2	1365.5	1273.5	1162.0	1143.2	954.0	611.7	183.0	40.3
30°	1727.3	1711.0	1654.8	1580.7	1491.3	1349.2	1331.0	1101.2	762.5	257.8	43.6
32.5°	1970.4	1952.8	1877.1	1783.8	1687.9	1538.1	1523.1	1266.7	899.7	346.2	49.4
35°	2179.1	2166.7	2060.8	1947.0	1861.8	1727.9	1723.4	1451.3	1060.9	441.4	55.9
37.5°	2362.7	2340.3	2204.1	2086.1	1999.6	1879.7	1870.0	1620.3	1216.3	551.9	65.7
40°	2519.4	2507.0	2340.9	2185.9	2115.7	2008.4	1996.1	1768.5	1376.9	680.3	77.7
42.5°	2687.1	2670.9	2509.6	2335.7	2206.4	2091.6	2083.5	1890.8	1519.9	821.4	95.6
45°	2876.6	2846.4	2705.0	2549.0	2352.3	2177.8	2168.7	1999.6	1666.5	972.8	117.3
47.5°	3079.1	3052.8	2938.4	2828.8	2602.6	2319.8	2300.3	2092.3	1812.1	1147.7	145.0
50°	3285.2	3285.8	3200.0	3147.4	2908.5	2550.6	2523.0	2228.5	1965.2	1334.9	185.9
52.5°	3525.1	3531.2	3529.9	3490.9	3305.7	2928.0	2890.9	2435.2	2143.0	1553.4	242.5
55°	3625.5	3636.6	3708.4	3794.8	3744.5	3406.4	3366.8	2791.8	2378.6	1796.8	326.3
57.5°	3543.3	3555.6	3654.8	3806.2	3921.9	3825.4	3820.8	3255.9	2689.1	2092.0	463.5
59°	3445.4	3443.8	3545.5	3706.1	3862.1	3924.9	3931.4	3569.9	2959.5	2299.0	581.8
60°	3380.4	3381.7	3449.3	3614.1	3779.9	3888.8	3914.1	3754.9	3117.5	2447.9	683.2
62.5°	3129.5	3144.4	3198.1	3351.2	3508.5	3630.1	3673.3	3919.7	3569.6	2799.6	1035.9
65°	2856.8	2857.8	2934.1	3065.1	3215.9	3301.4	3328.7	3663.2	3871.6	3157.8	1498.4
67.5°	2370.2	2390.0	2476.8	2689.1	2888.3	2996.5	3017.3	3188.6	3746.4	3391.1	1730.2
70°	1658.7	1684.7	1808.5	2083.8	2380.6	2558.4	2557.1	2650.7	3297.2	3287.1	1466.9
72.5°	828.2	873.1	974.1	1269.0	1628.5	1907.7	1966.5	2132.3	2648.8	2730.3	1094.4
75°	366.0	368.6	426.1	574.7	809.4	1164.0	1216.6	1692.5	2032.2	1897.6	790.5
77.5°	212.9	214.9	225.3	258.1	328.0	570.4	629.6	1110.0	1436.0	1102.9	515.5
80°	77.4	79.3	79.0	97.8	143.7	224.6	250.3	537.9	957.9	580.8	270.1
82.5°	47.5	47.5	45.8	46.2	52.3	86.1	94.3	229.2	466.4	286.0	77.4
85°	23.4	24.7	26.3	29.6	35.1	42.6	45.2	65.7	157.0	69.2	18.5
87.5°	14.0	14.3	15.6	18.9	23.4	30.6	32.5	44.5	56.2	46.5	4.6
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-SA1B-750-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
2.5°	30.9	30.6	28.9	27.6	26.3	25.0	24.1	23.1	23.1	23.4	23.1
5°	30.9	29.6	27.0	24.7	22.8	21.1	19.5	18.2	17.9	17.9	18.2
7.5°	30.6	28.9	25.4	22.4	19.8	17.6	15.9	14.3	14.0	14.3	14.0
10°	30.2	28.3	24.1	20.5	16.9	14.6	12.4	10.7	10.7	10.7	11.1
12.5°	30.2	27.3	22.8	18.5	14.6	12.0	9.8	8.1	7.8	7.8	7.8
15°	29.9	26.7	21.5	16.3	12.4	9.1	7.2	5.5	5.5	5.5	5.5
17.5°	29.3	25.7	19.8	14.3	9.8	6.8	4.9	3.3	3.3	3.9	3.9
20°	28.6	24.7	17.9	11.7	8.1	5.2	3.3	2.0	2.0	2.9	3.3
22.5°	28.9	24.7	16.6	10.4	6.5	3.9	2.6	1.6	1.3	2.3	2.9
25°	29.3	24.1	15.0	9.1	4.9	2.9	2.0	0.7	0.3	0.7	1.0
27.5°	29.3	23.4	13.0	7.2	3.6	2.3	1.0	0.0	0.0	0.0	0.0
30°	28.9	22.4	11.4	5.9	2.6	1.3	0.3	0.0	0.0	0.0	0.0
32.5°	28.6	21.5	10.4	4.6	2.3	0.7	0.0	0.0	0.0	0.0	0.0
35°	28.9	20.2	9.1	3.6	1.3	0.0	0.0	0.0	0.0	0.0	0.7
37.5°	29.9	18.9	7.8	2.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	31.2	17.9	6.5	2.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	33.8	17.9	5.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	37.1	17.9	4.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	41.3	18.2	4.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	46.5	18.9	3.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	50.4	18.2	3.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	57.2	17.6	3.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	66.3	16.6	3.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	75.4	15.3	3.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	85.8	14.6	2.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	141.7	13.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	273.7	12.4	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	442.4	12.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	465.1	12.4	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	309.4	10.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	165.8	9.1	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	89.4	8.5	1.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	39.3	6.2	1.6	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	15.6	4.2	2.0	1.6	1.3	0.7	0.0	0.0	0.0	0.0	0.0
85°	7.5	3.3	2.6	2.3	1.6	1.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.6	3.3	2.9	2.6	2.3	1.6	0.3	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: SP1-2407-184-6

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-750-U-5WQ

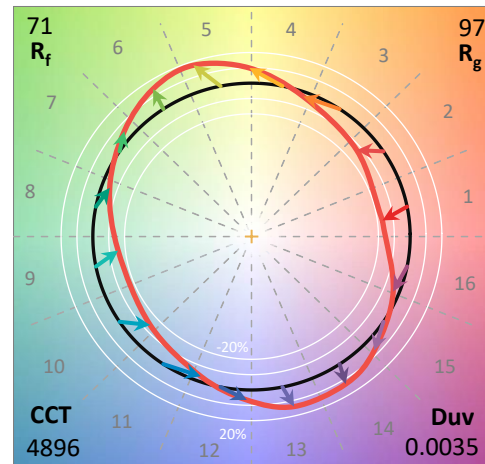
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-6
 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-750-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4896	CRI (Ra):	70.2		
CIE u':	0.2101	R1:	68.1	R9:	-35.1
CIE v':	0.4901	R2:	73.9	R10:	39.3
Duv:	0.0035	R3:	79.4	R11:	71.1
CIE x:	0.3489	R4:	72.1	R12:	43.8
CIE y:	0.3618	R5:	69.2	R13:	68.1
CIE z:	0.2893	R6:	65.7	R14:	88.4
Peak Wavelength (nm):	443	R7:	78.1	R15:	59.7
Dominant Wavelength (nm):	570	R8:	55.3		
Purity:	13.25435				
Rf:	70.7				
Rg:	96.8				



Test Conditions

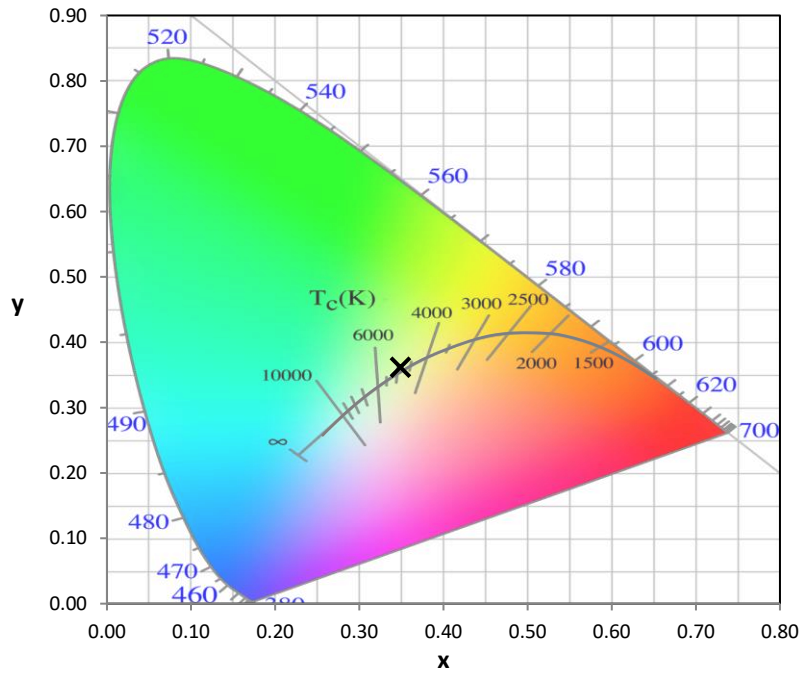
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-6

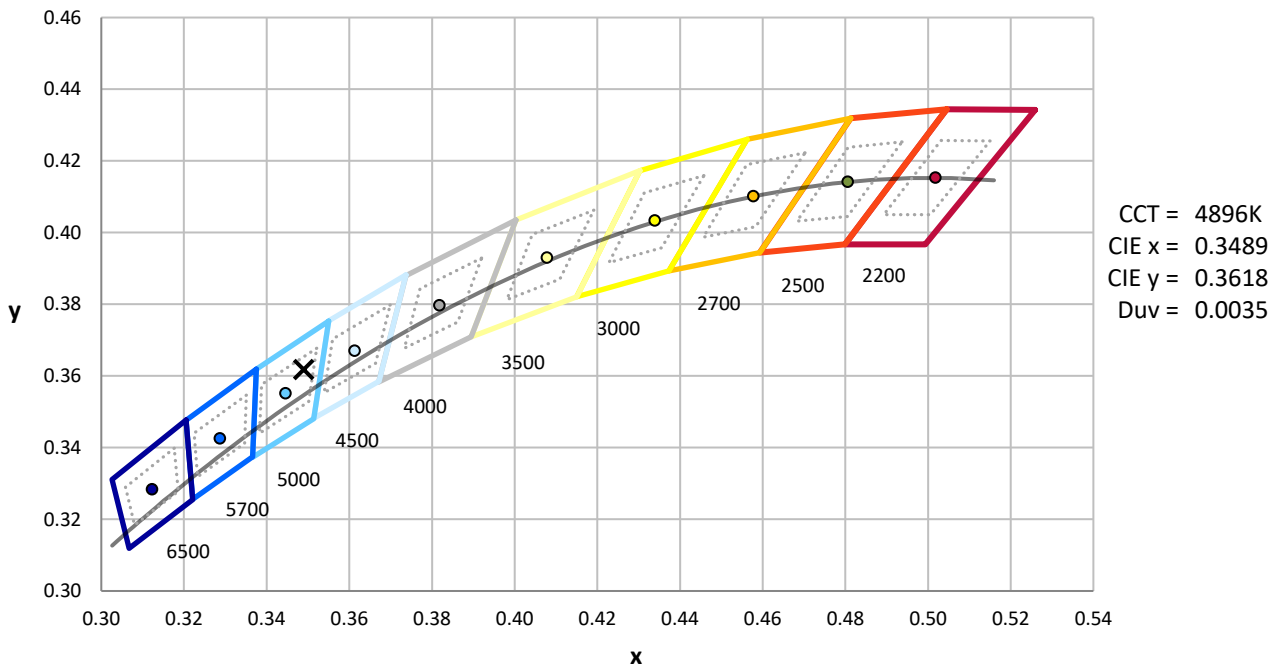
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram

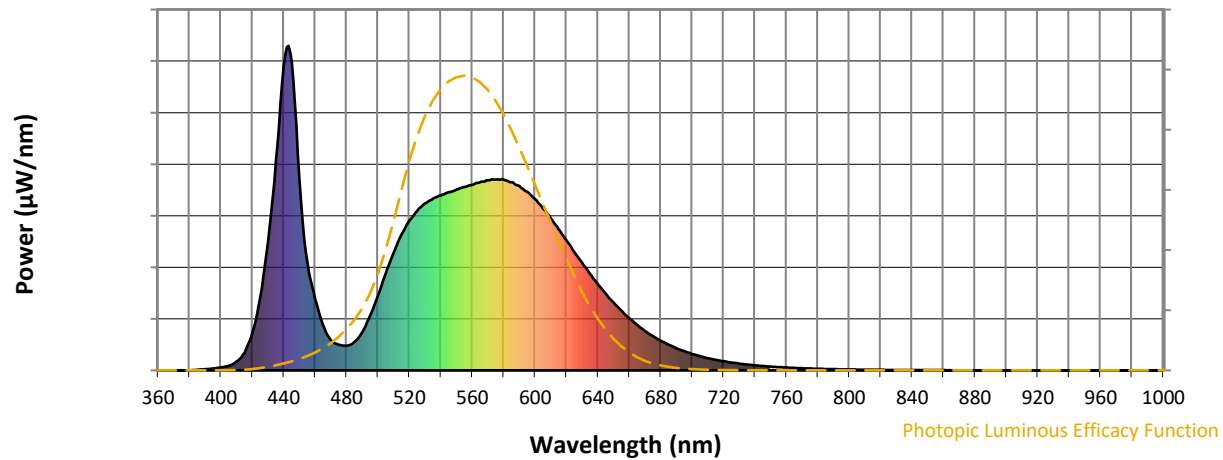


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



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Photopic Flux vs. Wavelength

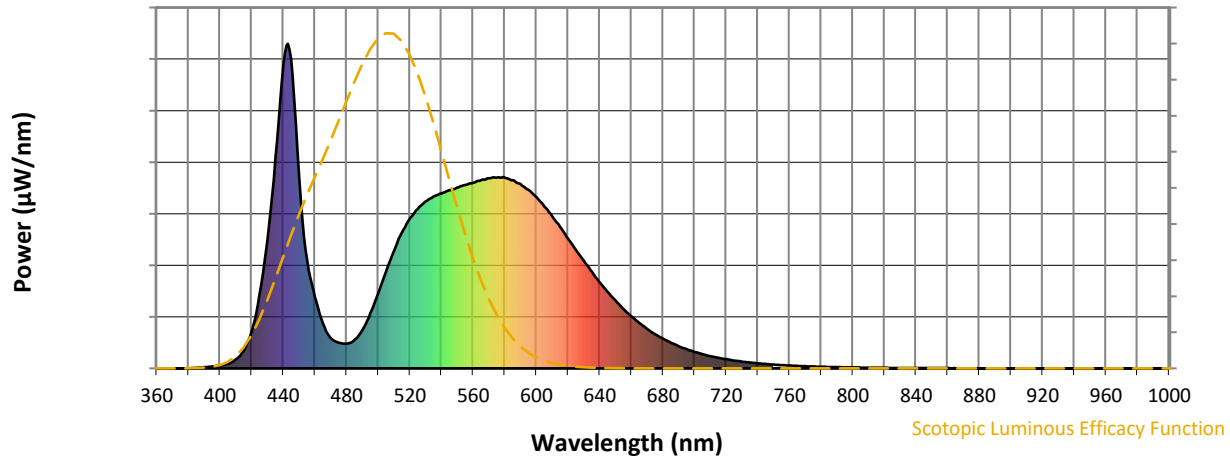


Photopic Lumens: NR

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



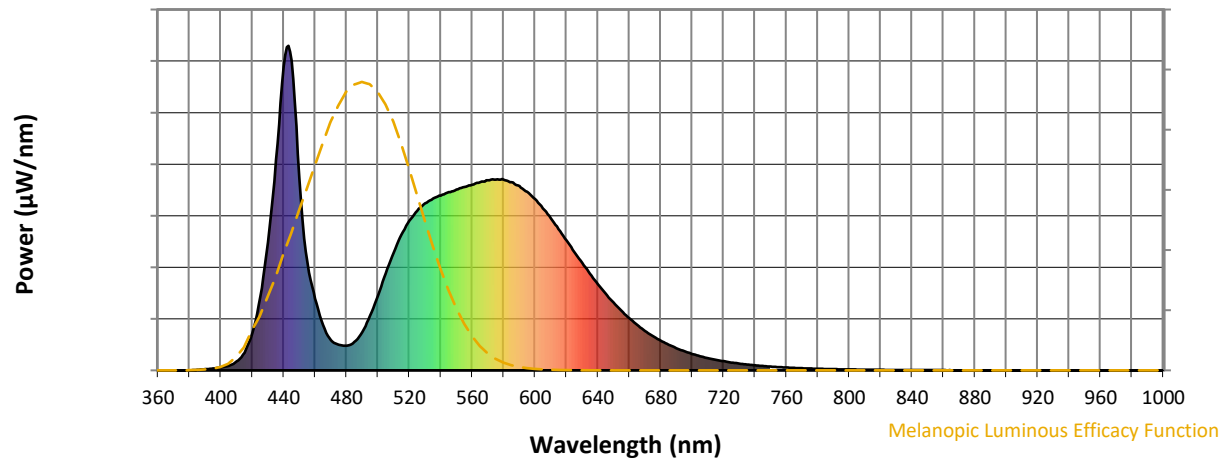
Scotopic Lumens: NR

S/P: 1.7

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.37

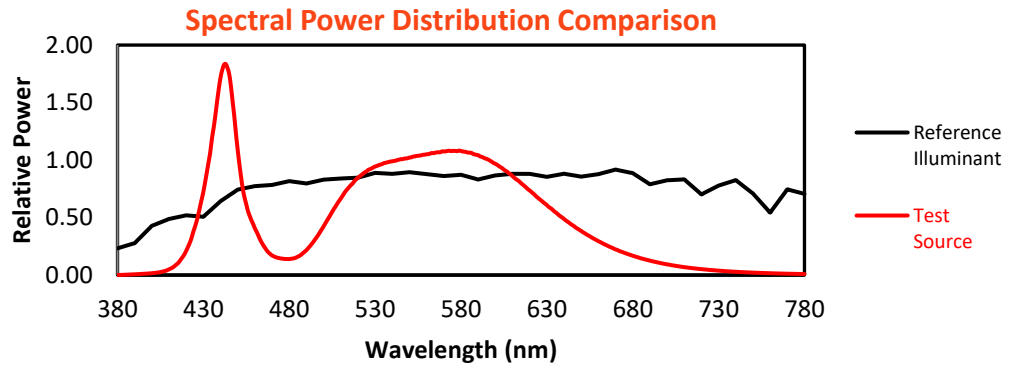
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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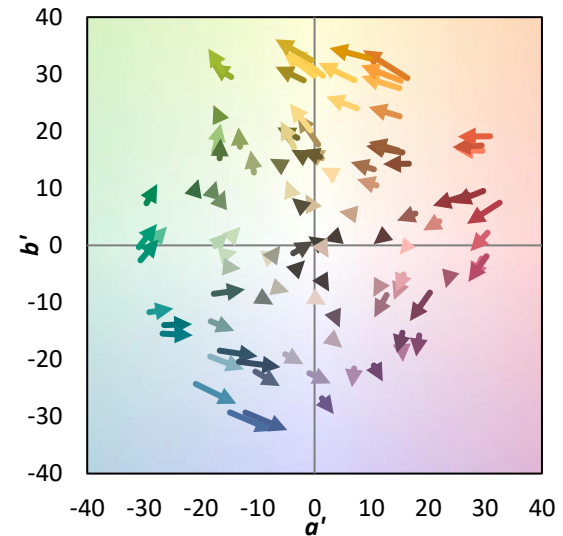
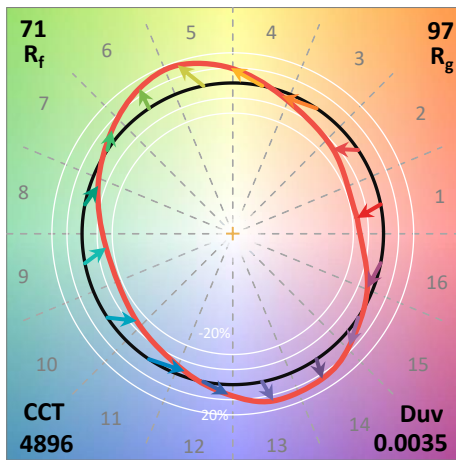
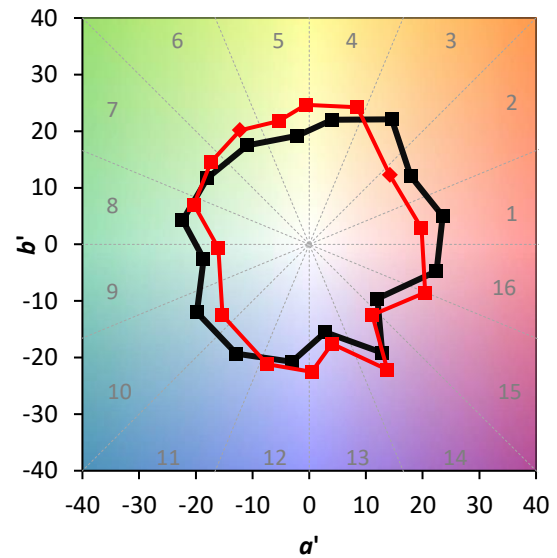
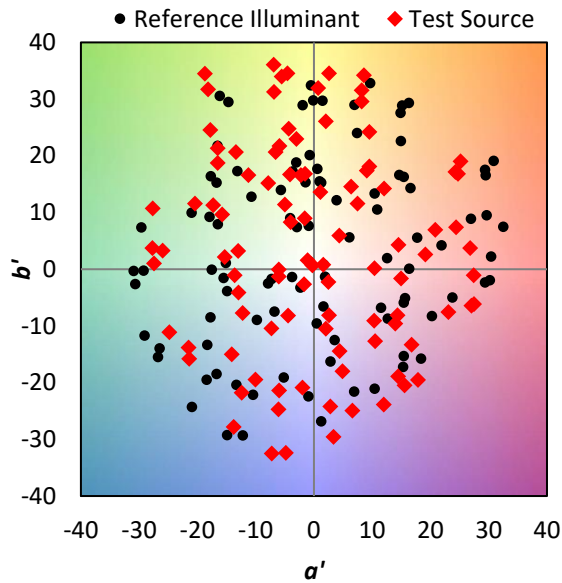
TM-30-18

Summary

$R_f = 70.7$
 $R_g = 96.8$
 CIE $R_a = 70.2$
 $R_g = -35.1$

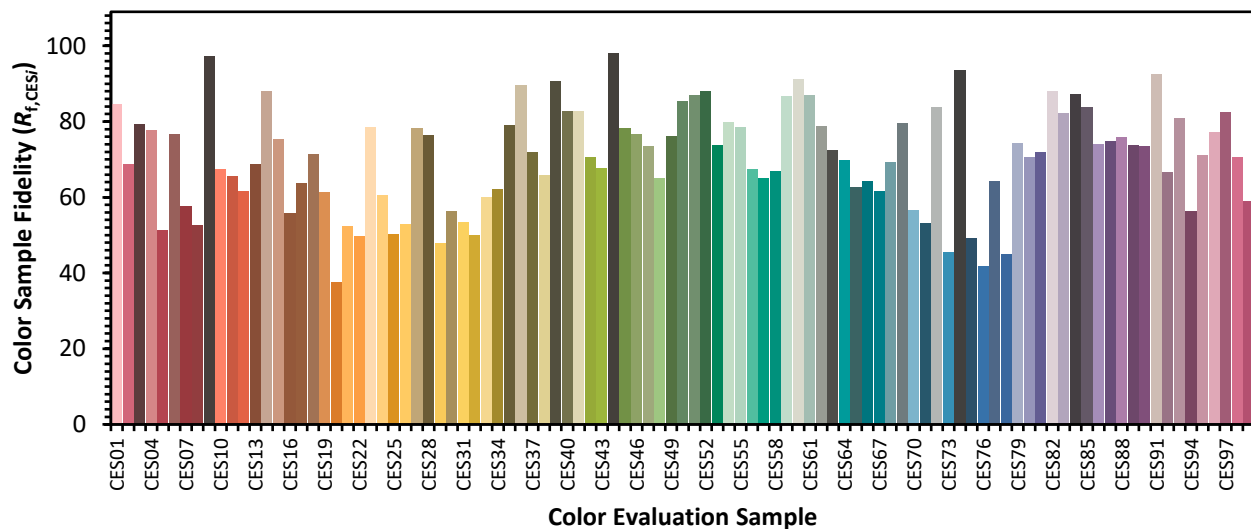


Color Vector Graphics

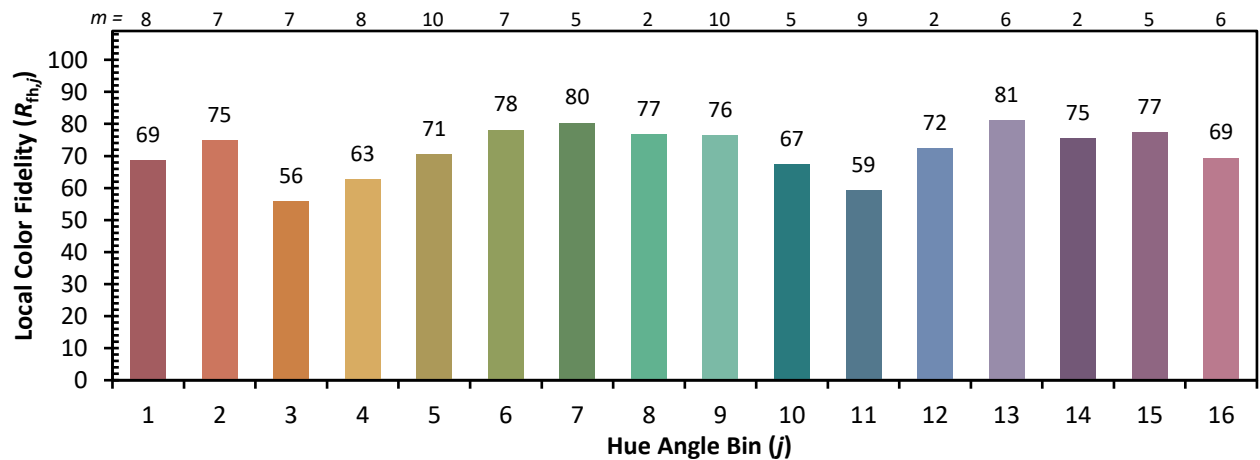
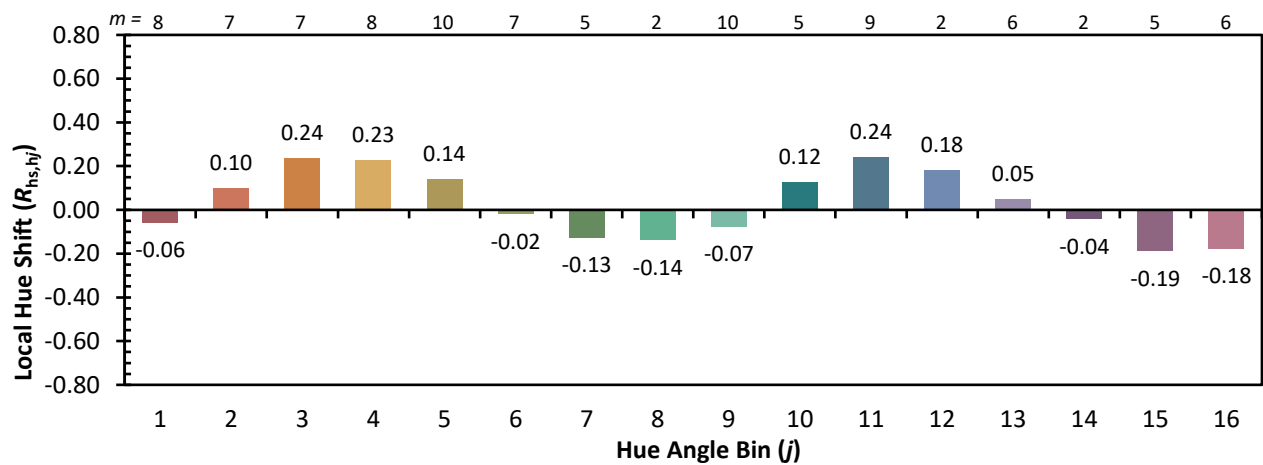
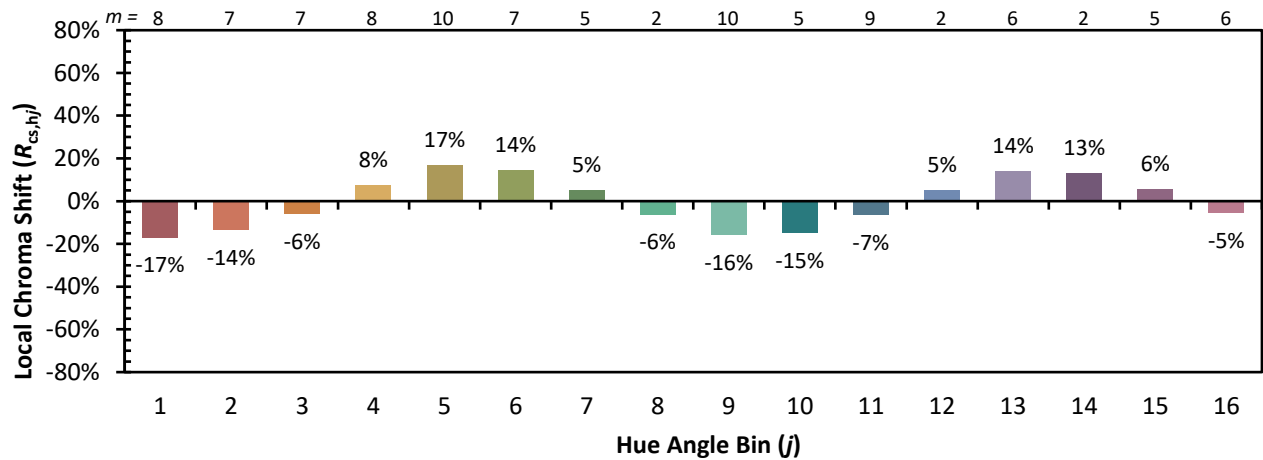


Individual Sample Fidelity Index ($R_{f,i}$)

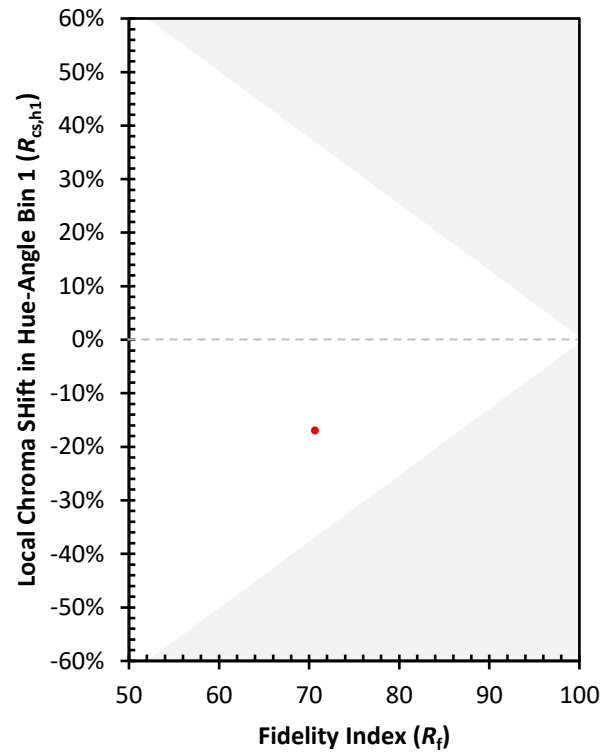
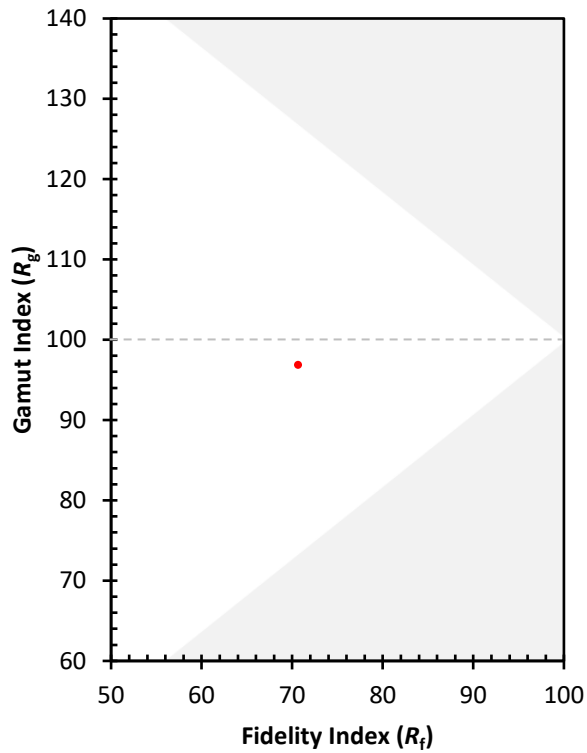
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 88
CES08 = 38	CES33 = 60	CES58 = 67	CES83 = 82
CES09 = 29	CES34 = 62	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 79	CES60 = 91	CES85 = 84
CES11 = 56	CES36 = 90	CES61 = 87	CES86 = 74
CES12 = 61	CES37 = 72	CES62 = 79	CES87 = 75
CES13 = 41	CES38 = 66	CES63 = 72	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 70	CES89 = 74
CES15 = 70	CES40 = 83	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 83	CES66 = 64	CES91 = 92
CES17 = 49	CES42 = 70	CES67 = 62	CES92 = 67
CES18 = 55	CES43 = 68	CES68 = 69	CES93 = 81
CES19 = 71	CES44 = 98	CES69 = 80	CES94 = 56
CES20 = 64	CES45 = 78	CES70 = 56	CES95 = 71
CES21 = 85	CES46 = 77	CES71 = 53	CES96 = 77
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 46	CES98 = 71
CES24 = 90	CES49 = 76	CES74 = 94	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)