

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: P1066072

Luminaire Tested: **NVN-SA1D-750-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066072
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA1D-750-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 1xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (14) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6262.2 lumens
Efficiency: N/A
Efficacy: 110.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 56.5
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

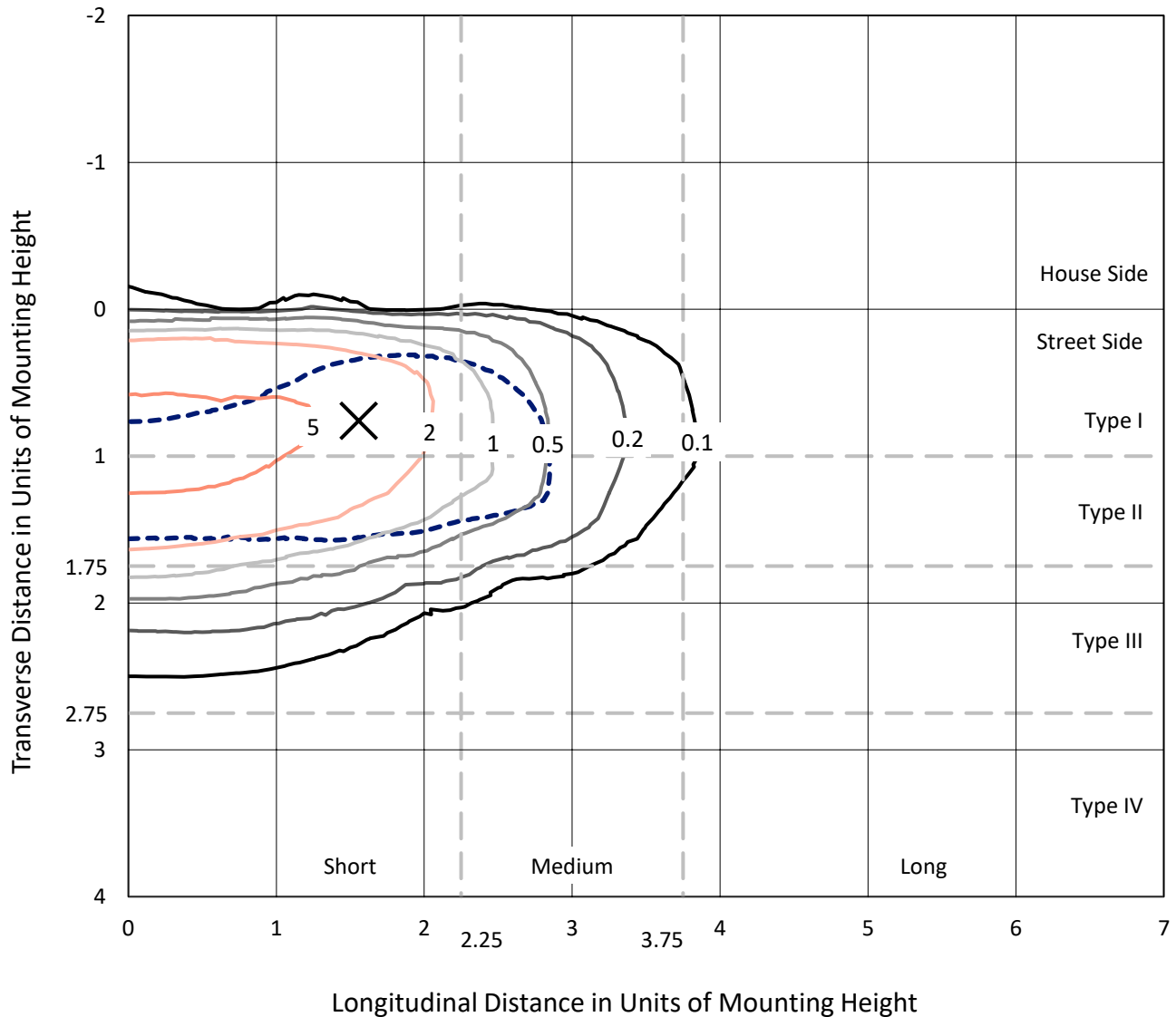


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CATALOG NUMBER: NVN-SA1D-750-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

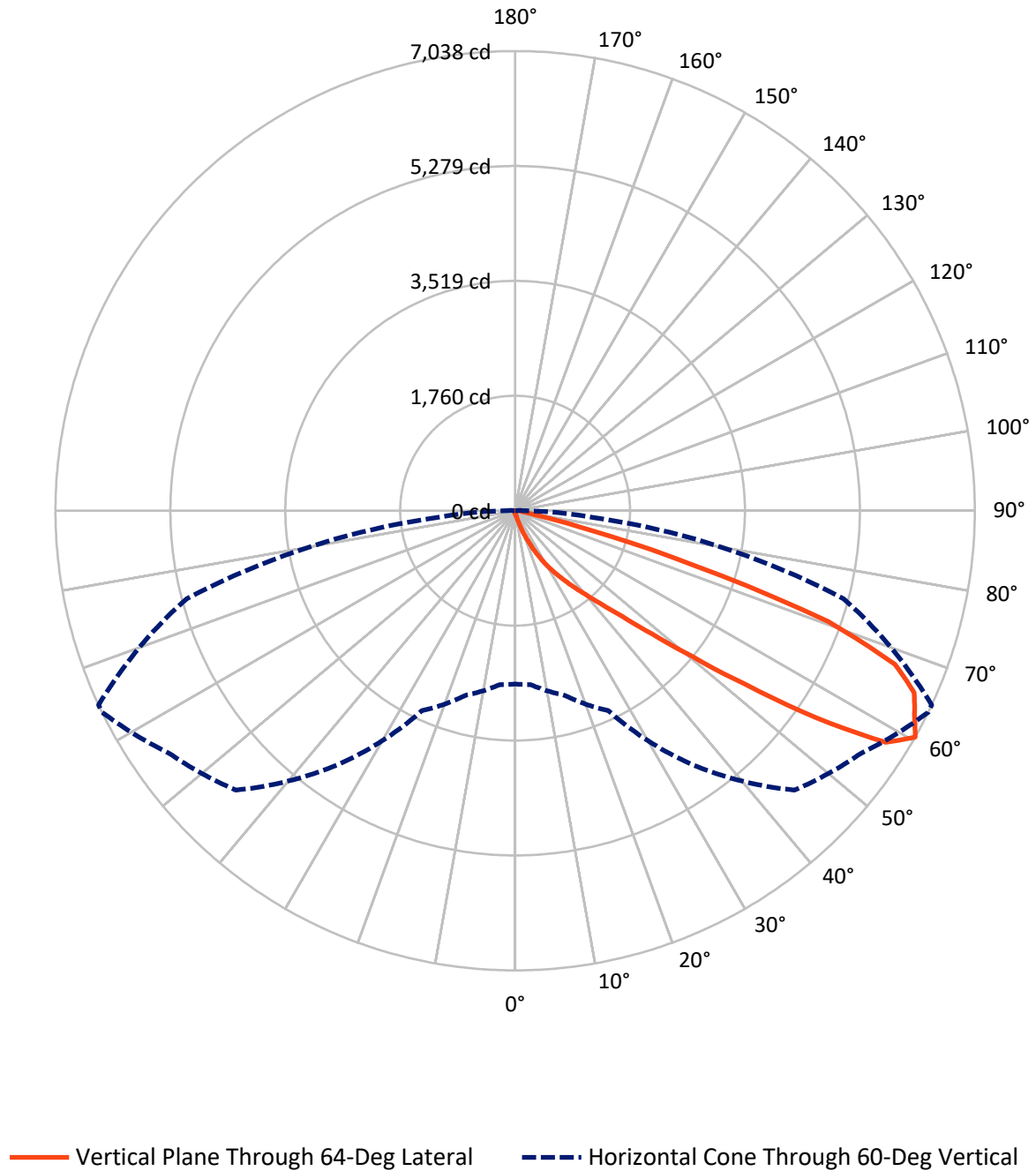


Based on 15 foot mounting height. Maximum calculated value = 9 fc
 Type II - Short - N/A

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CATALOG NUMBER: NVN-SA1D-750-U-T2BC

Luminous Intensity Polar Plot



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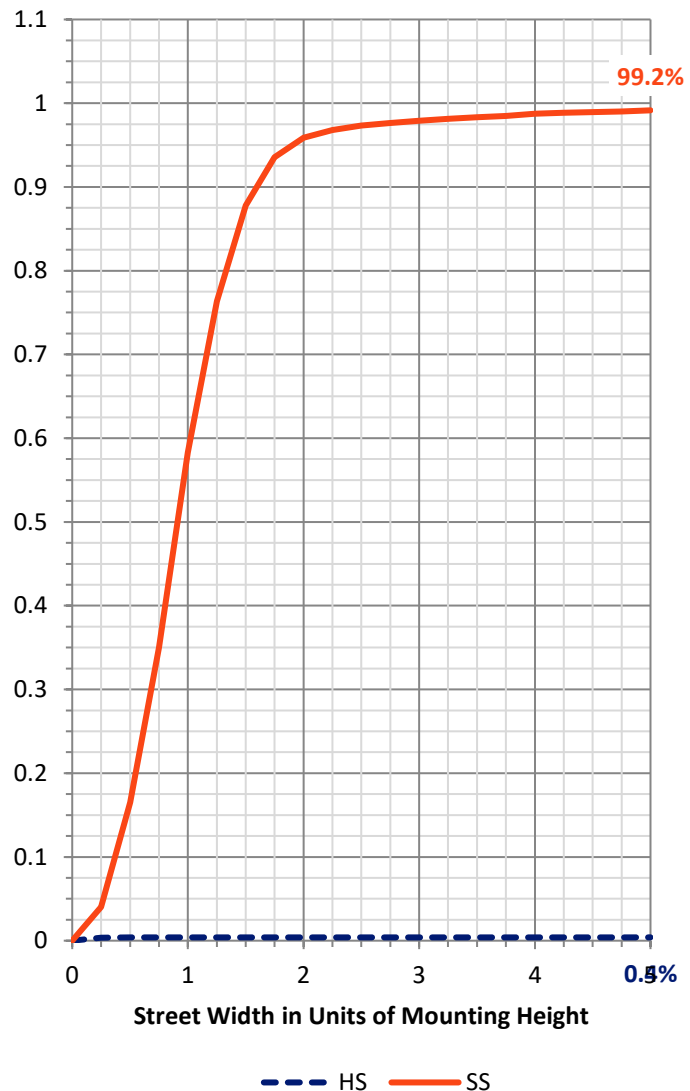
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	25.4	0.0	25.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	6236.9	0.0	6236.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	6262.2	0.0	6262.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.2	0.1
10°-20°	61.5	1.0
20°-30°	204.4	3.3
30°-40°	545.4	8.7
40°-50°	1386.2	22.1
50°-60°	2020.7	32.3
60°-70°	1560.8	24.9
70°-80°	428.6	6.8
80°-90°	48.4	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°	6262.2	100.0
0°-180°	6262.2	100.0



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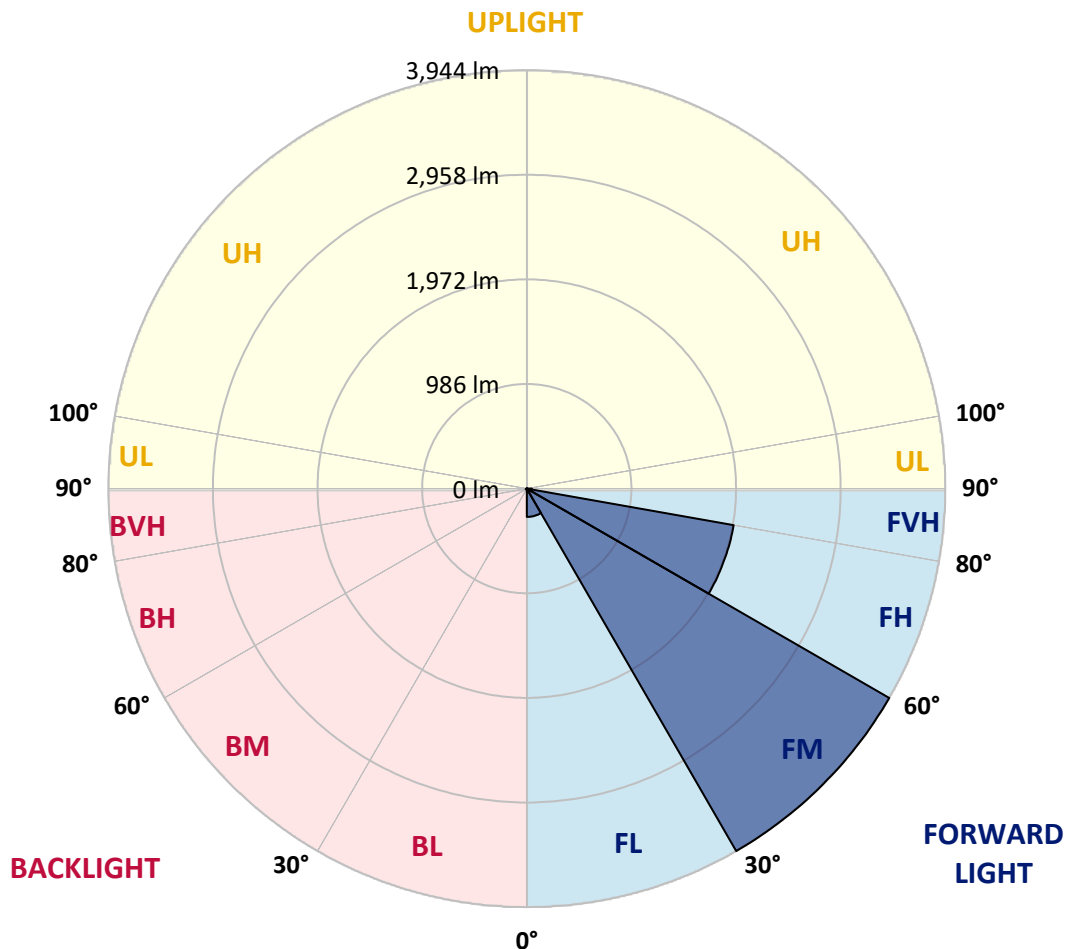
CATALOG NUMBER: NVN-SA1D-750-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	266.5	4.3			
FM	(30°-60°)	3943.8	63.0			
FH	(60°-80°)	1979.3	31.6			G2/5000
FVH	(80°-90°)	47.2	0.8			G1/100
BL	(0°-30°)	5.7	0.1	B0/110		
BM	(30°-60°)	8.4	0.1	B0/220		
BH	(60°-80°)	10.1	0.2	B0/110		G0/110
BVH	(80°-90°)	1.1	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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CATALOG NUMBER: NVN-SA1D-750-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
2.5°	55.2	55.2	55.2	53.4	51.7	51.7	50.0	48.3	48.3	44.8	43.1
5°	84.5	84.5	81.0	77.6	72.4	65.5	58.6	53.4	53.4	48.3	44.8
7.5°	165.5	170.7	155.1	136.2	110.3	93.1	74.1	62.1	60.3	51.7	44.8
10°	358.5	355.1	331.0	284.4	224.1	162.0	103.4	75.8	72.4	55.2	44.8
12.5°	539.5	544.7	518.9	467.1	394.7	287.9	177.5	98.3	94.8	60.3	44.8
15°	694.7	694.7	677.4	651.6	572.3	460.2	286.1	146.5	134.5	65.5	43.1
17.5°	801.6	799.8	792.9	786.0	739.5	624.0	437.8	234.4	206.9	77.6	43.1
20°	922.2	917.0	925.7	911.9	875.7	784.3	598.1	348.2	322.3	98.3	43.1
22.5°	1048.1	1053.2	1060.1	1046.3	1006.7	927.4	767.1	494.7	467.1	136.2	44.8
25°	1208.4	1204.9	1220.4	1208.4	1158.4	1065.3	925.7	655.0	615.4	189.6	48.3
27.5°	1404.9	1398.0	1408.3	1377.3	1311.8	1217.0	1067.0	818.8	772.2	272.4	55.2
30°	1665.2	1670.3	1623.8	1587.6	1494.5	1368.7	1223.9	994.6	946.4	370.6	62.1
32.5°	2075.4	2039.2	1966.8	1820.3	1697.9	1537.6	1380.7	1148.0	1104.9	496.4	72.4
35°	2714.9	2721.8	2563.2	2201.3	1935.8	1749.6	1553.1	1317.0	1285.9	639.5	86.2
37.5°	3494.1	3475.1	3335.5	2878.7	2284.0	2013.4	1749.6	1501.4	1456.6	794.7	103.4
40°	4376.7	4297.4	4216.3	3906.1	3009.7	2344.3	1997.9	1715.2	1680.7	973.9	131.0
42.5°	5083.4	5062.7	5076.5	4947.2	4219.8	2908.0	2327.1	1977.2	1935.8	1196.3	179.3
45°	5431.6	5402.3	5485.0	5581.6	5395.4	4107.7	2858.0	2311.6	2256.4	1458.3	253.4
47.5°	5338.5	5317.8	5495.4	5685.0	5933.2	5498.8	3725.1	2811.5	2716.7	1794.4	363.7
50°	4880.0	4881.7	5173.0	5526.4	5919.4	6203.9	5009.3	3495.8	3376.9	2240.9	536.1
52.5°	4433.5	4447.3	4755.9	5271.3	5714.3	6286.6	6136.6	4418.0	4225.0	2766.7	739.5
55°	3975.0	3981.9	4254.3	4980.0	5617.8	6040.1	6715.8	5605.7	5400.6	3421.7	937.7
57.5°	3533.7	3533.7	3635.4	4280.1	5512.6	6017.7	6646.9	6691.7	6524.5	4169.8	1084.3
60°	2654.6	2671.8	2925.2	3376.9	4754.2	6050.4	6471.0	7038.2	7038.2	5207.5	1196.3
62.5°	1341.1	1367.0	1682.4	2122.0	3261.4	5598.8	6498.6	6864.1	6891.6	6122.8	1451.4
65°	629.2	658.5	827.4	1137.7	1754.8	3940.5	6212.5	6715.8	6707.2	5948.7	1989.2
67.5°	451.6	460.2	517.1	663.7	944.6	1727.2	4742.1	6272.8	6276.3	5054.1	2287.4
70°	405.1	405.1	418.9	462.0	568.8	772.2	2304.7	5080.0	5326.5	3902.6	2120.2
72.5°	399.9	396.5	393.0	394.7	384.4	387.8	791.2	2868.4	3220.0	2730.5	1691.0
75°	389.6	389.6	386.1	374.1	306.8	249.9	272.4	1160.1	1341.1	1823.8	1254.9
77.5°	308.6	339.6	375.8	353.4	281.0	187.9	158.6	336.1	424.0	1118.7	910.2
80°	143.1	144.8	143.1	150.0	179.3	134.5	117.2	163.8	165.5	620.6	563.7
82.5°	103.4	105.2	100.0	89.6	79.3	72.4	96.5	120.7	129.3	284.4	210.3
85°	31.0	29.3	34.5	46.5	55.2	63.8	81.0	101.7	106.9	105.2	31.0
87.5°	13.8	13.8	17.2	24.1	32.8	48.3	70.7	93.1	94.8	108.6	8.6
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-SA1D-750-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
2.5°	43.1	41.4	39.6	37.9	36.2	34.5	32.8	32.8	34.5	34.5	34.5
5°	41.4	39.6	36.2	32.8	31.0	29.3	27.6	27.6	29.3	29.3	29.3
7.5°	41.4	37.9	34.5	31.0	27.6	25.9	24.1	24.1	24.1	25.9	25.9
10°	41.4	37.9	32.8	27.6	24.1	22.4	20.7	19.0	20.7	20.7	20.7
12.5°	39.6	36.2	31.0	25.9	20.7	17.2	15.5	15.5	15.5	15.5	15.5
15°	37.9	34.5	29.3	22.4	17.2	13.8	10.3	10.3	10.3	12.1	12.1
17.5°	36.2	32.8	25.9	17.2	12.1	8.6	6.9	6.9	6.9	8.6	8.6
20°	36.2	31.0	22.4	13.8	8.6	5.2	3.4	3.4	3.4	5.2	6.9
22.5°	36.2	31.0	20.7	10.3	5.2	3.4	1.7	1.7	1.7	1.7	1.7
25°	36.2	29.3	19.0	8.6	3.4	1.7	0.0	0.0	1.7	3.4	5.2
27.5°	36.2	27.6	15.5	5.2	3.4	1.7	0.0	1.7	3.4	3.4	3.4
30°	36.2	27.6	13.8	5.2	1.7	0.0	0.0	1.7	3.4	3.4	5.2
32.5°	37.9	25.9	12.1	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	39.6	24.1	10.3	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	43.1	24.1	6.9	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	48.3	25.9	6.9	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	60.3	27.6	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	84.5	34.5	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	124.1	51.7	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	181.0	70.7	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	222.4	70.7	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	220.6	44.8	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	168.9	31.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	143.1	22.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	172.4	17.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	306.8	15.5	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	493.0	15.5	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	551.6	15.5	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	430.9	13.8	1.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	236.2	12.1	1.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	118.9	8.6	3.4	1.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0
80°	50.0	6.9	3.4	1.7	1.7	1.7	0.0	0.0	0.0	0.0	0.0
82.5°	17.2	6.9	3.4	3.4	1.7	1.7	0.0	0.0	0.0	0.0	0.0
85°	8.6	5.2	5.2	3.4	3.4	1.7	1.7	0.0	0.0	0.0	0.0
87.5°	5.2	5.2	5.2	3.4	3.4	1.7	1.7	0.0	0.0	0.0	1.7
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: SP1-2407-184-6

Test Date: 10/10/2024

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

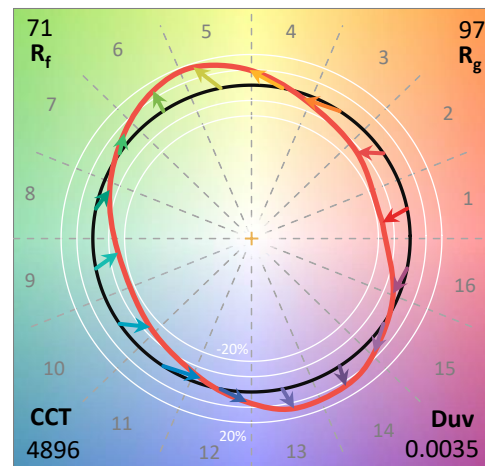
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

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

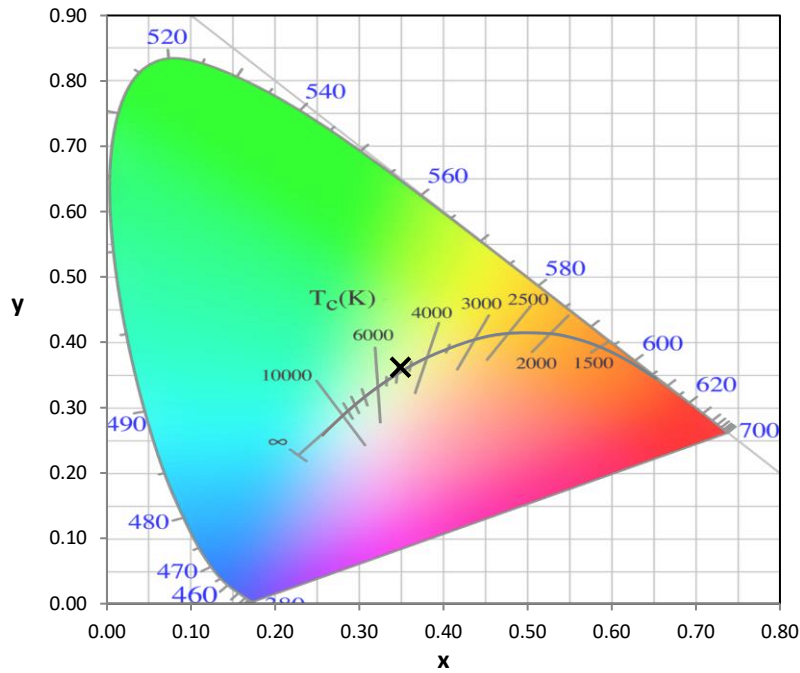
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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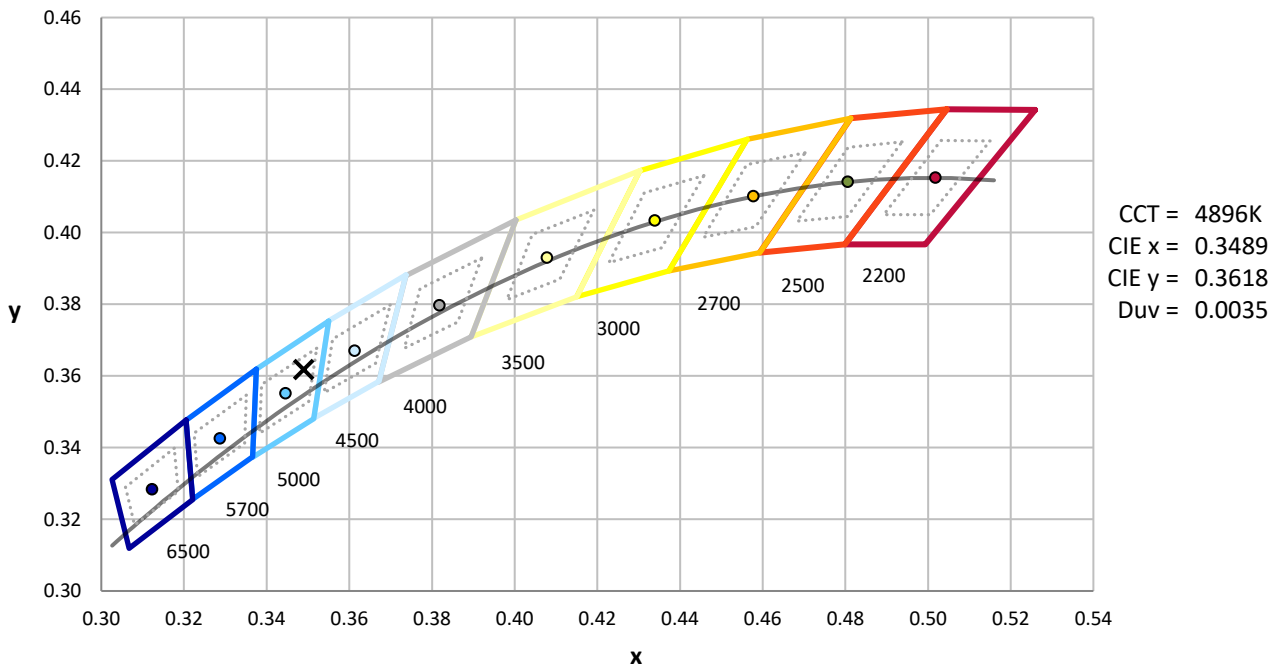
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



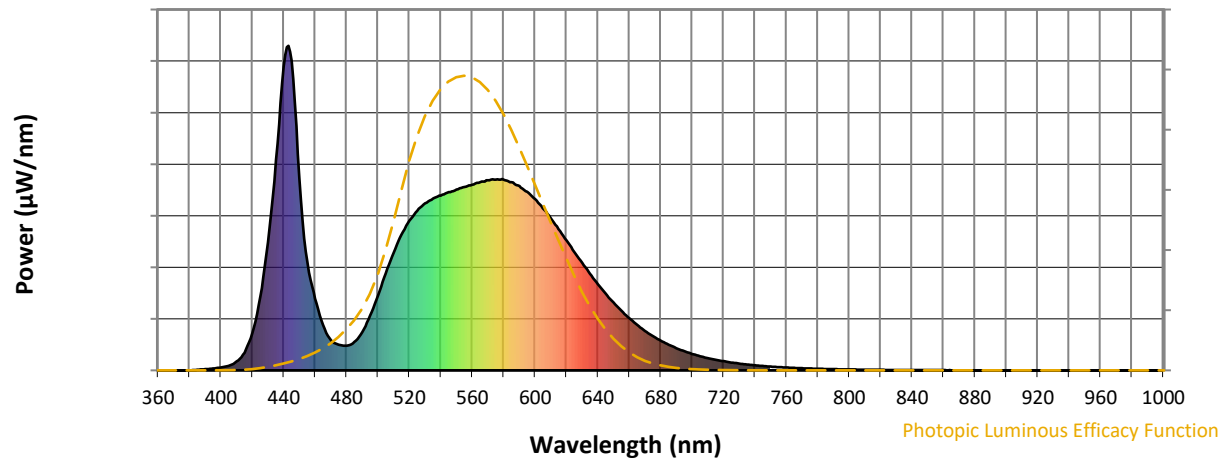
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

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Photopic Flux vs. Wavelength

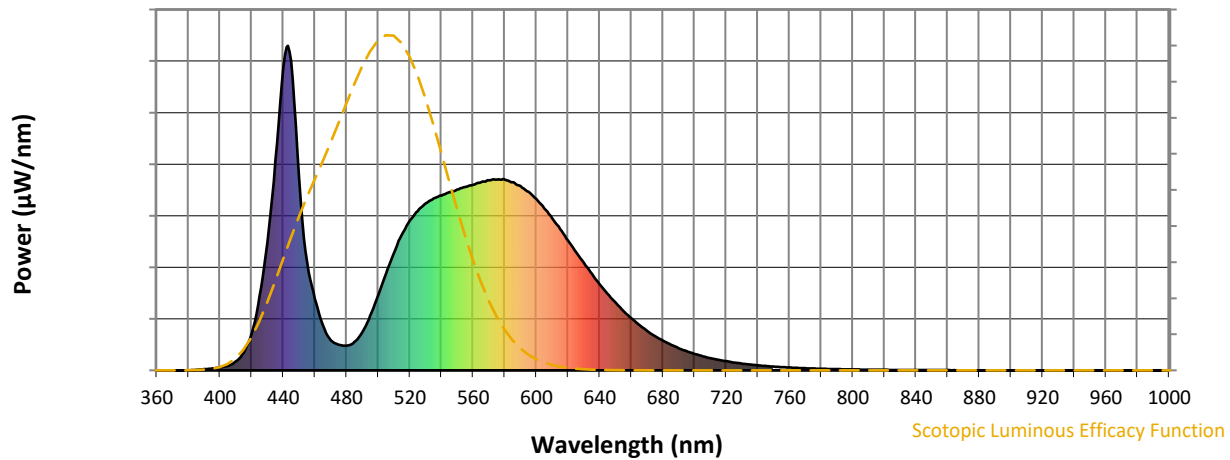


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-6

Scotopic Flux vs. Wavelength



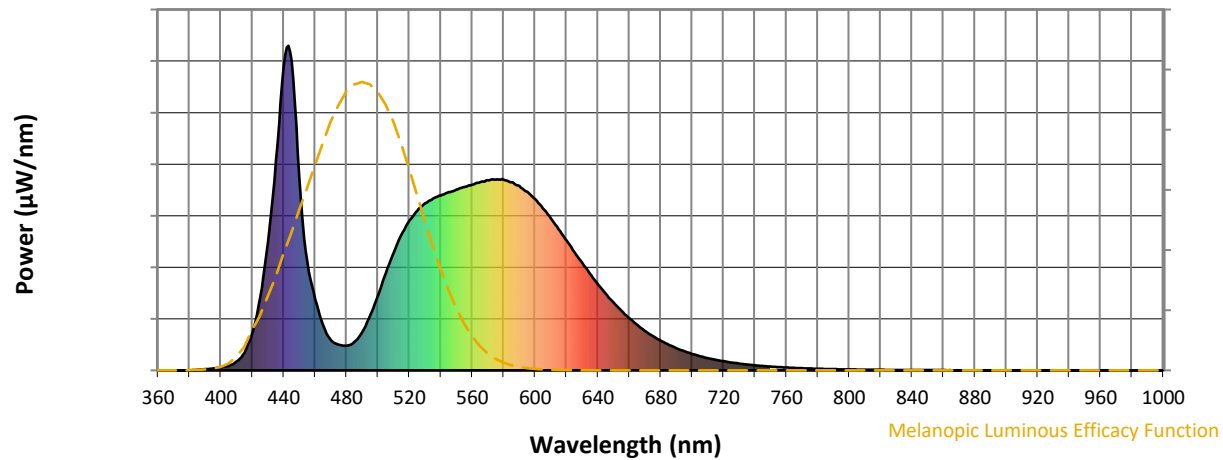
Scotopic Lumens: NR

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

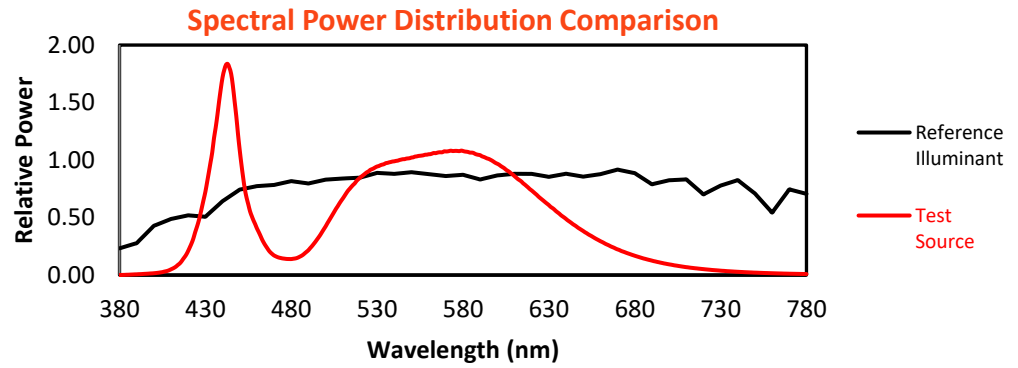
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	118	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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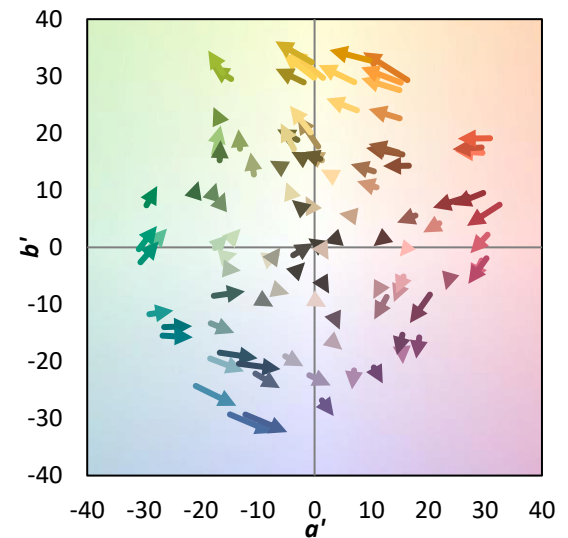
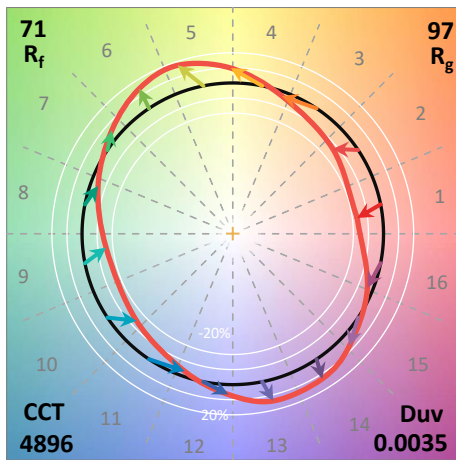
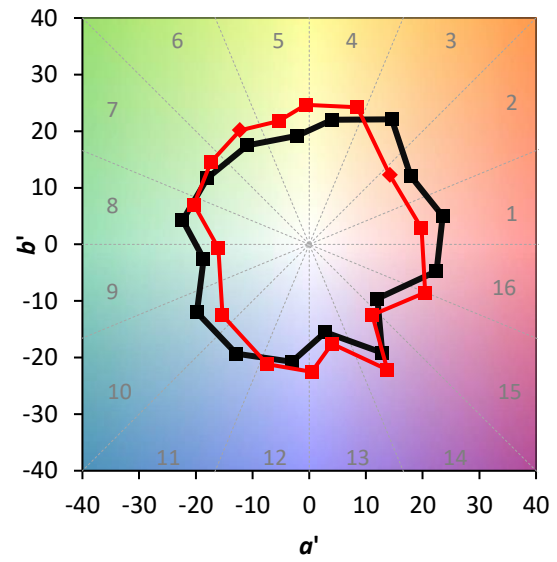
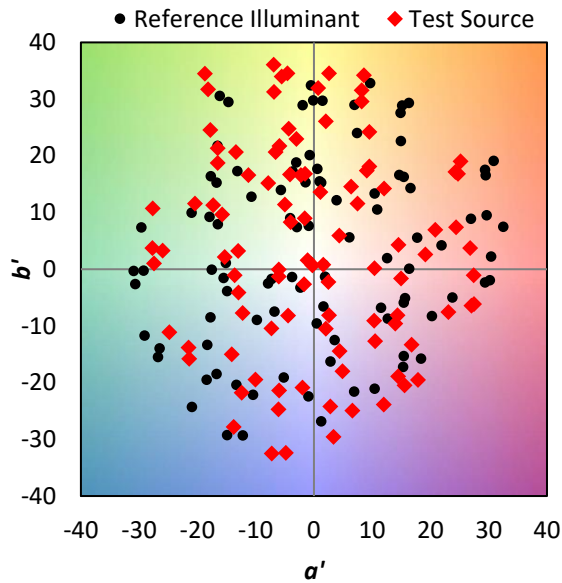
TM-30-18

Summary

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

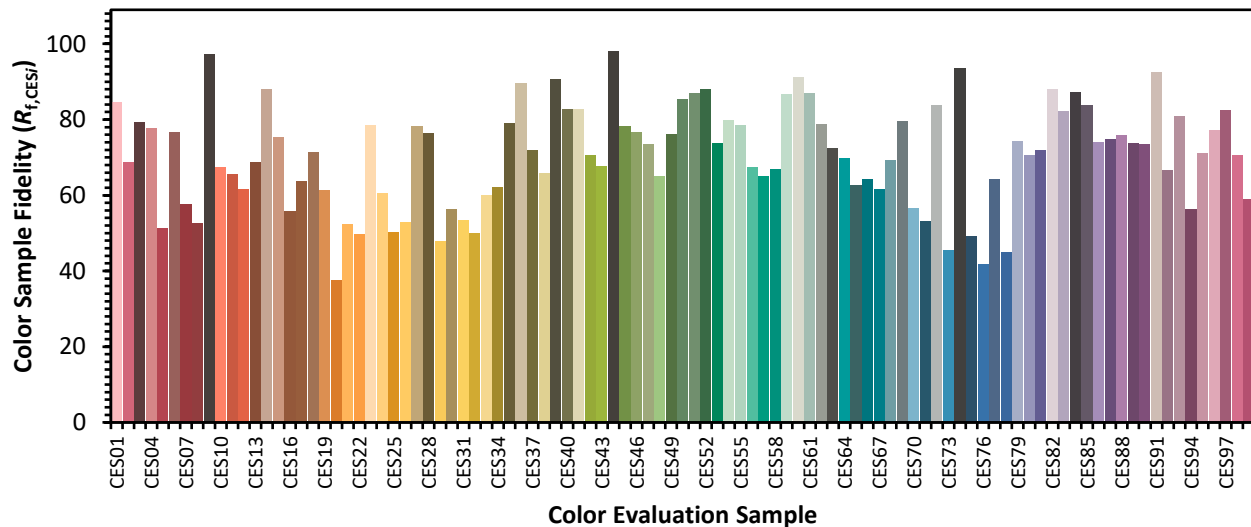


Color Vector Graphics

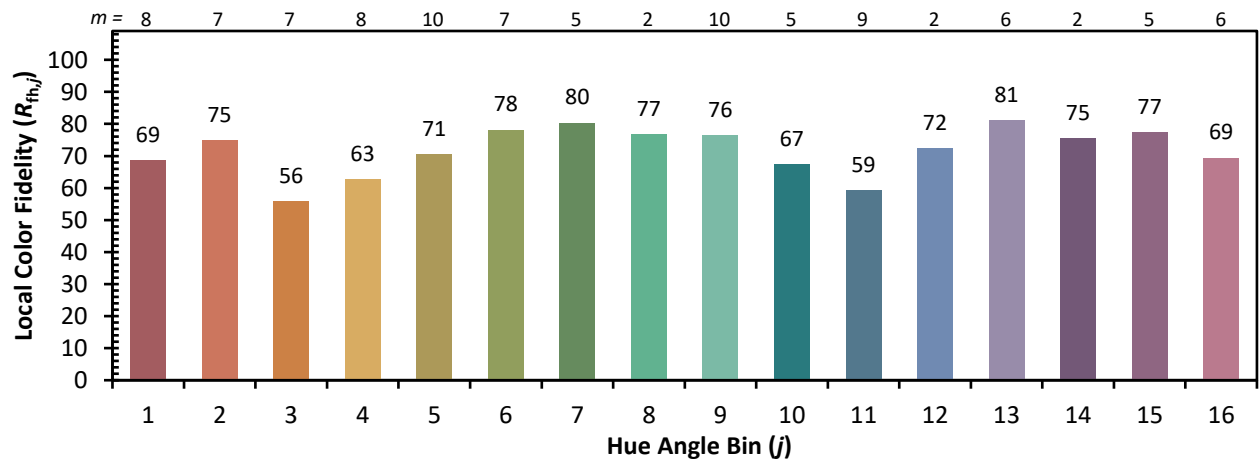
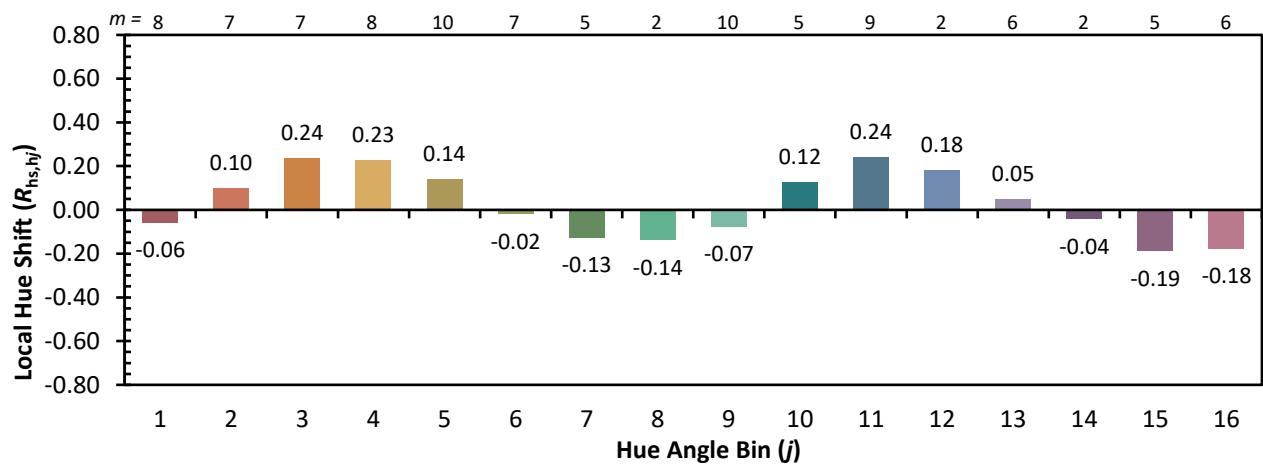
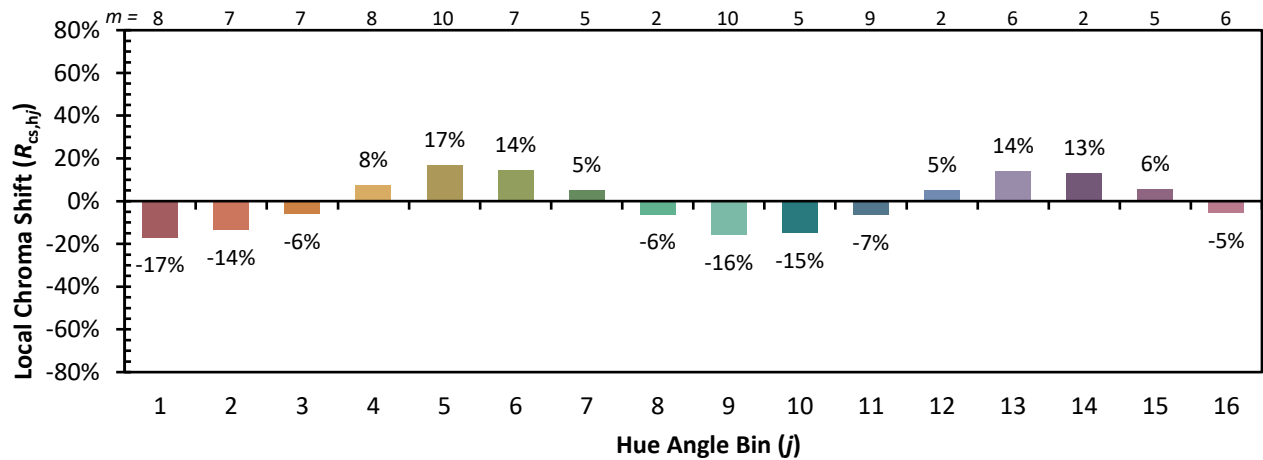


Individual Sample Fidelity Index ($R_{f,i}$)

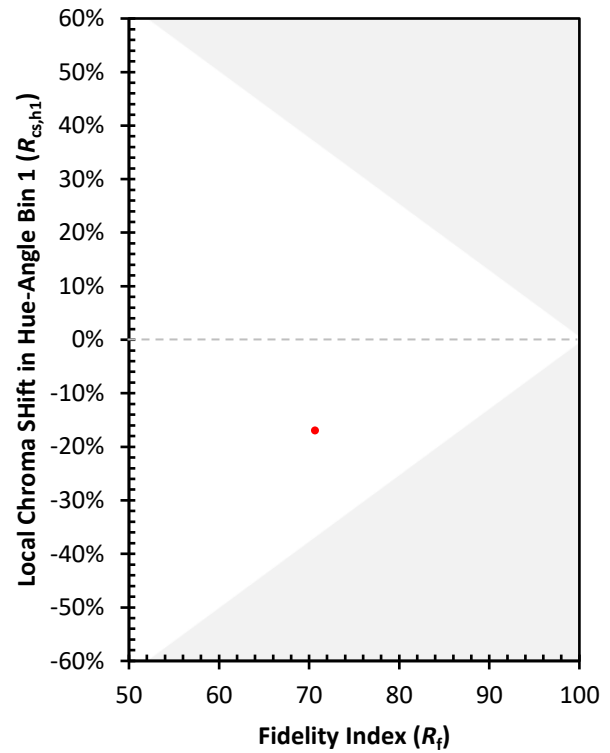
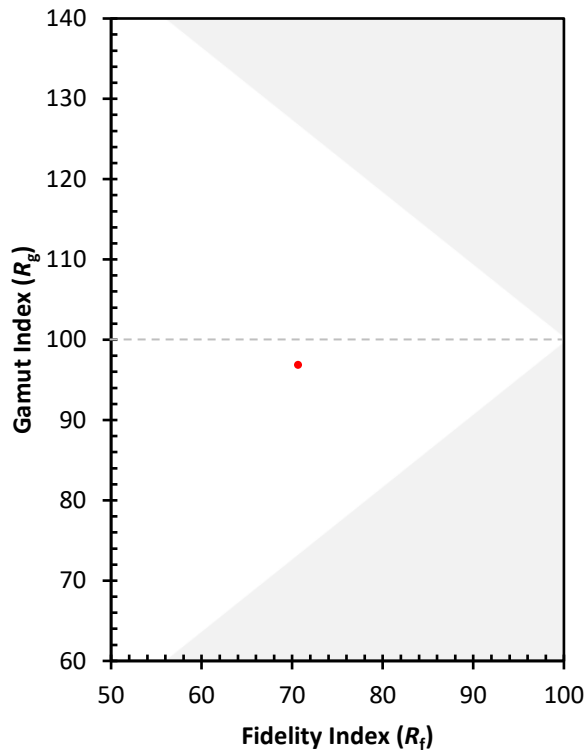
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 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)