

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: P1066240

Luminaire Tested: **NVN-SA1D-727-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066240
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA1D-727-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 1xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (14) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5308 lumens
Efficiency: N/A
Efficacy: 93.9 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): 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

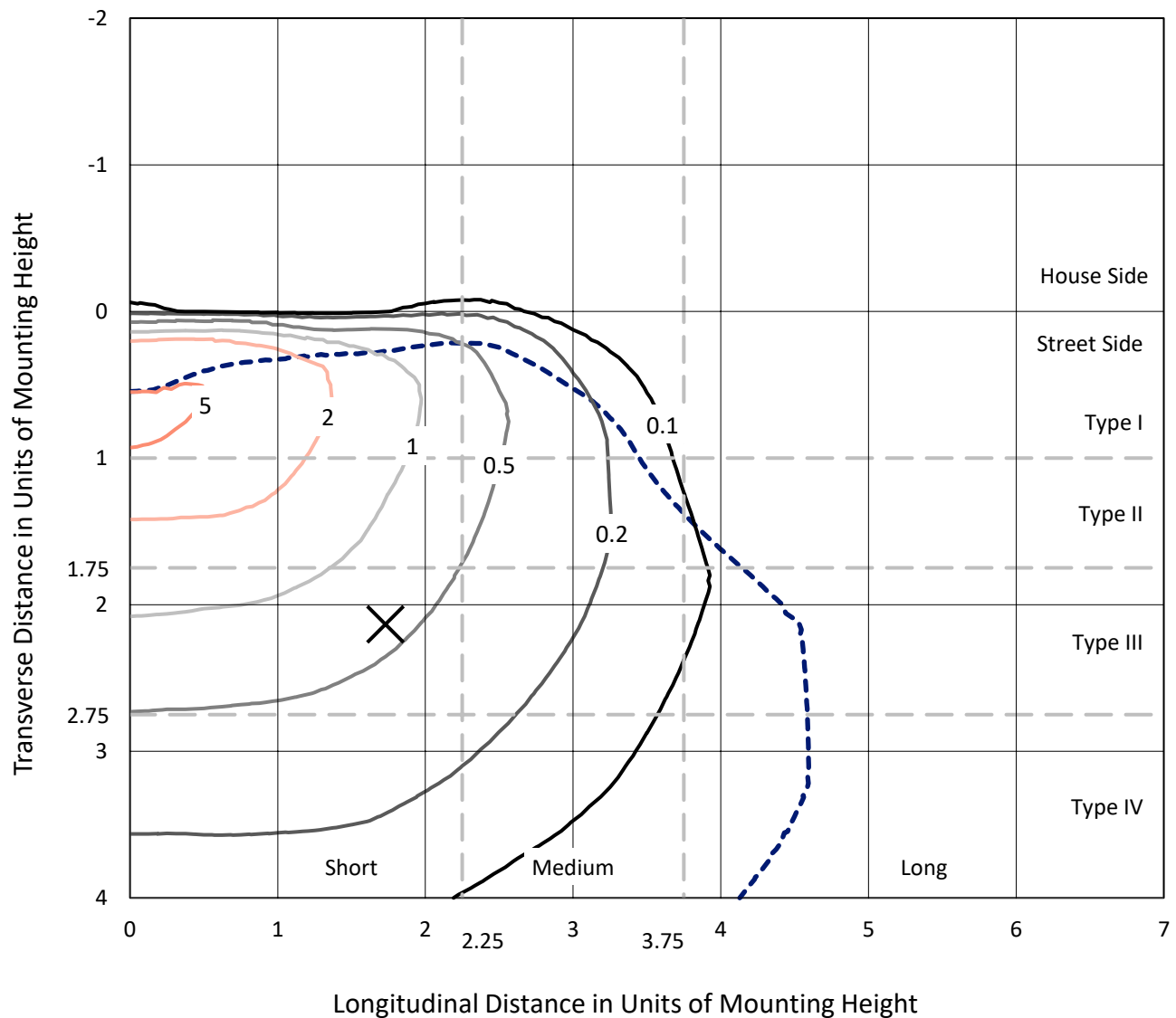


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 --- 1/2 Max cd

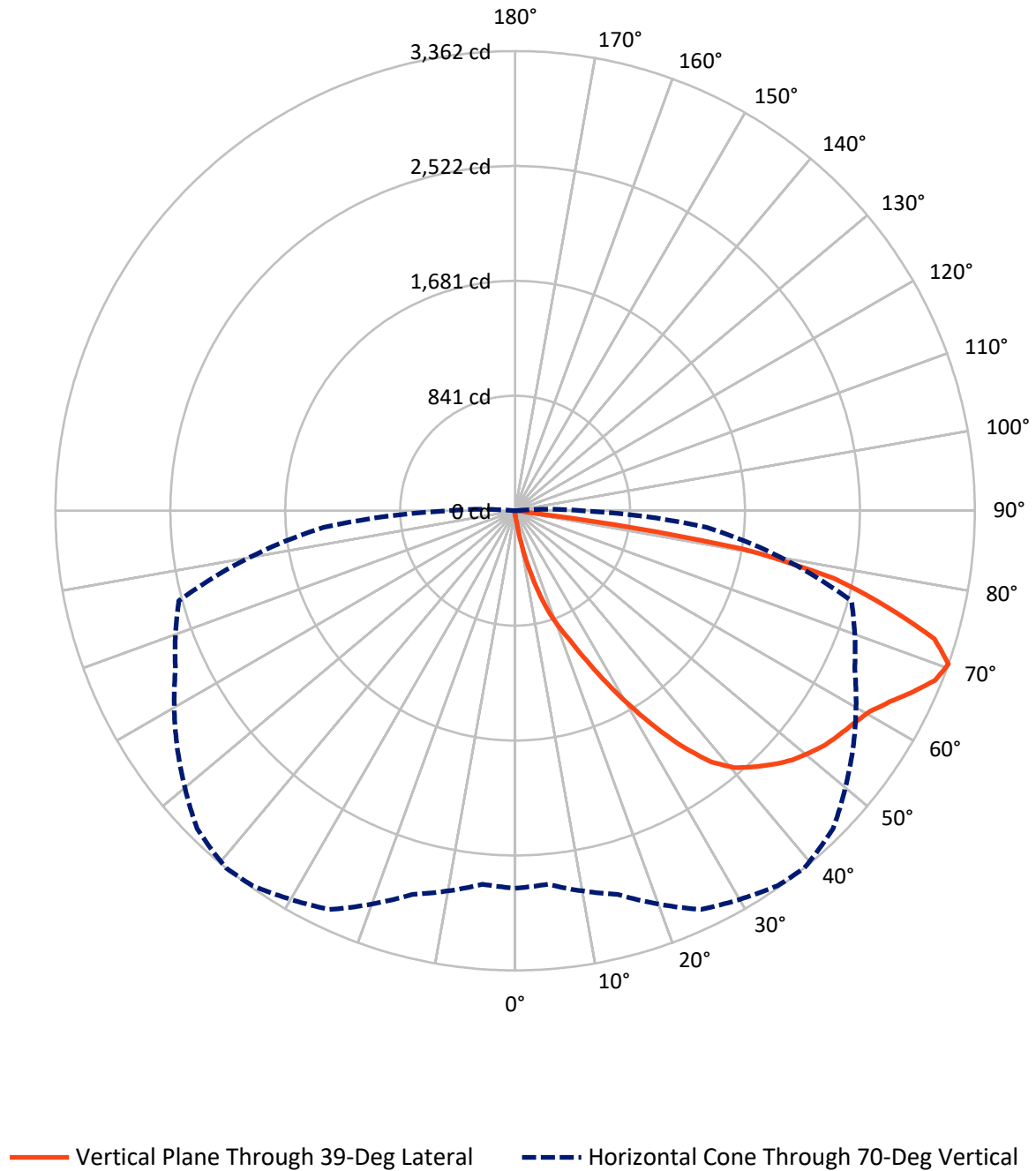


Based on 15 foot mounting height. Maximum calculated value = 5.8 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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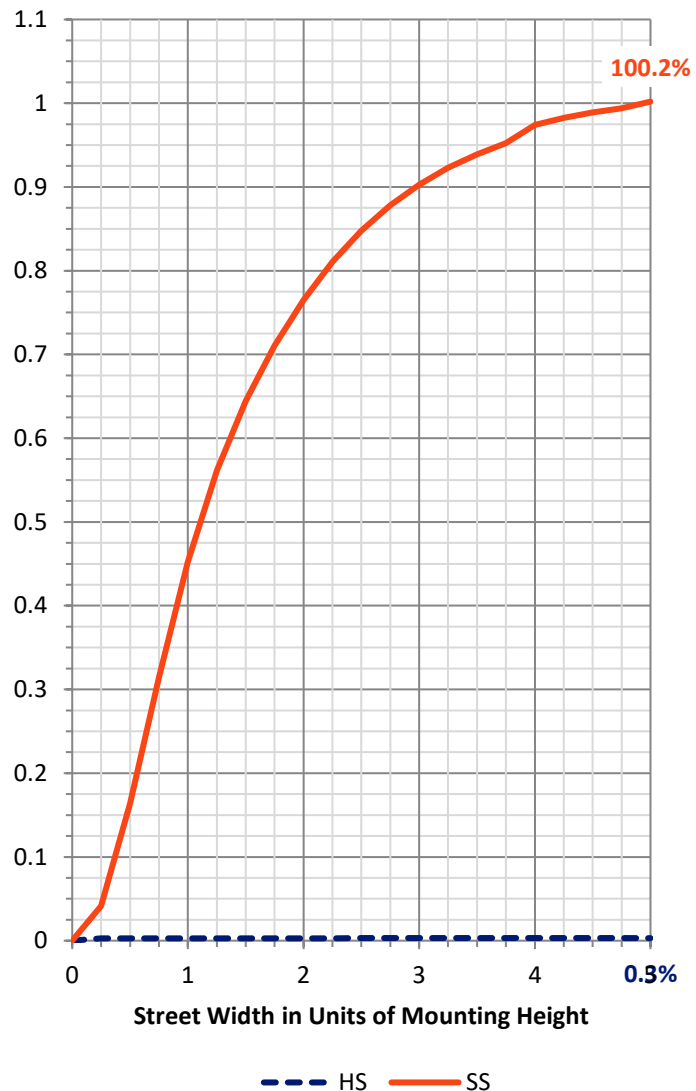
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	16.3	0.0	16.3
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	5291.7	0.0	5291.7
	% Fixture	99.7	0.0	99.7
Total	Lumens	5308.0	0.0	5308.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.6	0.1
10°-20°	65.3	1.2
20°-30°	221.4	4.2
30°-40°	520.4	9.8
40°-50°	845.1	15.9
50°-60°	1070.9	20.2
60°-70°	1360.3	25.6
70°-80°	1105.2	20.8
80°-90°	113.8	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°	5308.0	100.0
0°-180°	5308.0	100.0



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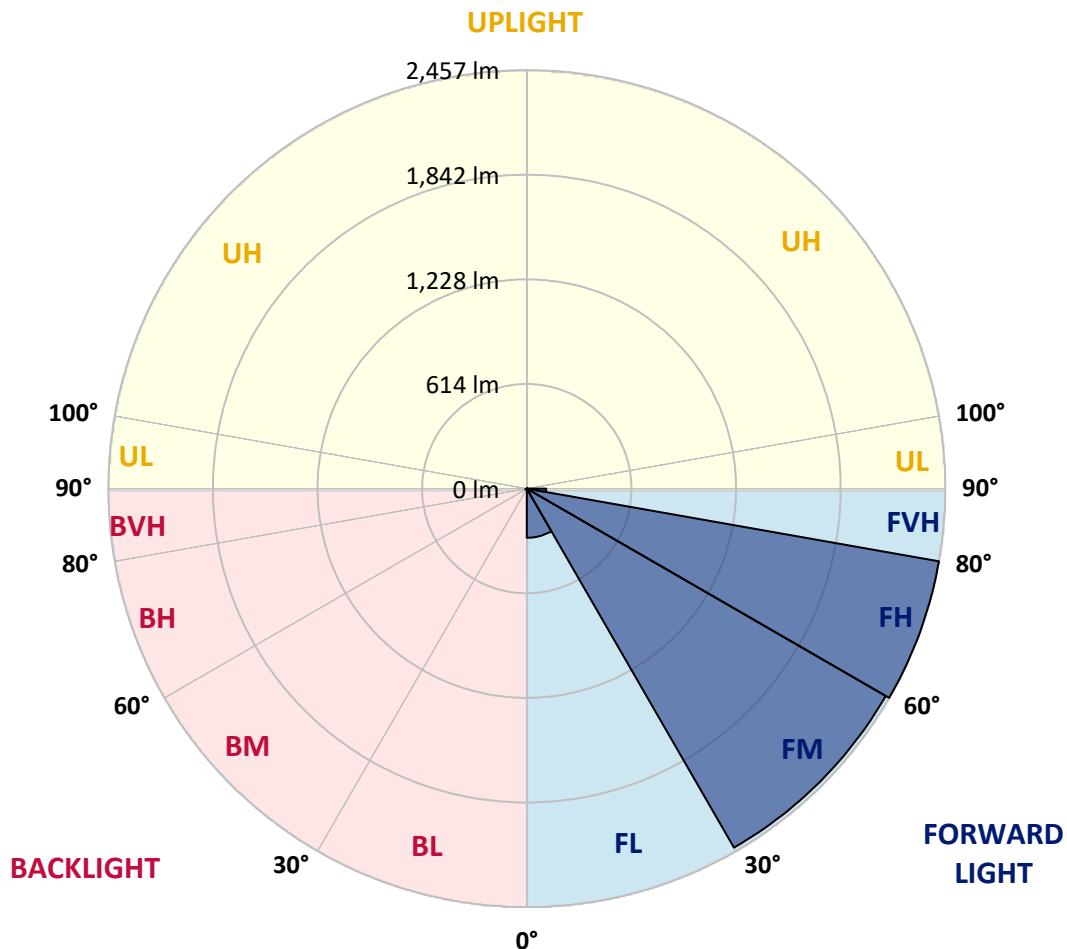
CATALOG NUMBER: NVN-SA1D-727-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	288.7	5.4			
FM	(30°-60°)	2433.2	45.8			
FH	(60°-80°)	2456.6	46.3			G2/5000
FVH	(80°-90°)	113.1	2.1			G2/225
BL	(0°-30°)	3.5	0.1	B0/110		
BM	(30°-60°)	3.1	0.1	B0/220		
BH	(60°-80°)	9.0	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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
2.5°	37.5	37.5	37.5	36.0	36.0	34.6	34.6	33.1	31.7	31.7	30.3
5°	70.6	72.1	67.7	59.1	53.3	50.4	47.6	40.4	36.0	33.1	30.3
7.5°	193.1	187.3	178.7	149.9	115.3	98.0	83.6	59.1	43.2	34.6	30.3
10°	406.4	390.5	366.0	327.1	259.4	232.0	180.1	108.1	60.5	38.9	30.3
12.5°	596.6	599.5	569.2	531.8	449.6	403.5	332.9	203.2	95.1	46.1	30.3
15°	740.7	737.8	726.3	696.1	622.6	577.9	514.5	341.5	160.0	57.6	31.7
17.5°	854.6	843.0	838.7	825.8	778.2	753.7	684.5	502.9	253.6	77.8	33.1
20°	968.4	965.5	961.2	946.8	915.1	897.8	844.5	665.8	377.6	111.0	36.0
22.5°	1134.2	1118.3	1121.2	1089.5	1063.5	1033.3	990.0	838.7	520.2	158.5	40.4
25°	1328.7	1327.3	1304.2	1289.8	1246.6	1213.4	1155.8	1005.9	678.8	229.1	44.7
27.5°	1557.8	1542.0	1531.9	1507.4	1462.7	1425.3	1346.0	1171.6	850.3	308.4	50.4
30°	1797.1	1797.1	1778.3	1740.9	1697.6	1651.5	1570.8	1346.0	1020.3	409.3	57.6
32.5°	2076.6	2082.4	2036.3	1980.1	1923.9	1892.2	1787.0	1543.4	1183.1	524.6	66.3
35°	2347.6	2340.4	2264.0	2202.0	2160.2	2125.6	2036.3	1759.6	1367.6	658.6	77.8
37.5°	2607.0	2588.2	2461.4	2373.5	2354.8	2331.7	2242.4	1975.8	1550.6	807.0	92.2
40°	2792.9	2764.0	2632.9	2511.8	2484.5	2471.5	2402.3	2171.7	1743.7	972.7	111.0
42.5°	2873.6	2840.4	2749.6	2651.6	2591.1	2560.8	2500.3	2331.7	1936.8	1157.2	138.3
45°	2889.4	2863.5	2798.6	2775.6	2693.4	2647.3	2565.2	2445.6	2117.0	1340.2	175.8
47.5°	2831.8	2820.2	2781.3	2830.3	2788.5	2725.1	2625.7	2530.6	2276.9	1562.2	227.7
50°	2690.5	2681.9	2700.6	2828.9	2857.7	2785.7	2692.0	2596.9	2415.3	1791.3	301.2
52.5°	2500.3	2498.9	2586.8	2791.4	2888.0	2843.3	2756.8	2663.2	2524.8	2013.2	405.0
55°	2292.8	2317.3	2471.5	2756.8	2905.3	2885.1	2820.2	2722.2	2622.8	2219.3	572.1
57.5°	2275.5	2265.4	2413.9	2742.4	2915.4	2926.9	2883.7	2784.2	2706.4	2387.9	795.5
60°	2448.4	2425.4	2481.6	2772.7	2960.0	2980.2	2947.1	2831.8	2790.0	2520.5	1089.5
62.5°	2648.8	2627.1	2656.0	2889.4	3047.9	3076.8	3035.0	2880.8	2857.7	2612.7	1405.1
65°	2808.7	2791.4	2846.2	3063.8	3170.4	3194.9	3166.1	2971.6	2888.0	2687.7	1661.6
67.5°	2834.7	2813.0	2926.9	3180.5	3294.4	3311.7	3288.6	3059.5	2877.9	2693.4	1720.7
70°	2761.2	2742.4	2905.3	3218.0	3347.7	3362.1	3288.6	3017.7	2741.0	2546.4	1406.5
72.5°	2534.9	2549.3	2759.7	3127.2	3274.2	3207.9	3052.3	2807.3	2563.7	2158.8	987.2
75°	2183.3	2199.1	2478.7	2877.9	2889.4	2808.7	2725.1	2582.5	2294.2	1422.4	684.5
77.5°	1552.1	1495.9	1913.8	2376.4	2334.6	2386.5	2393.7	2148.7	1921.0	740.7	458.3
80°	152.8	129.7	240.7	681.6	1506.0	1683.2	1752.4	1655.8	1416.6	331.5	240.7
82.5°	33.1	33.1	36.0	38.9	60.5	90.8	416.5	1020.3	915.1	168.6	77.8
85°	18.7	18.7	23.1	27.4	36.0	40.4	47.6	63.4	246.4	60.5	14.4
87.5°	14.4	15.9	18.7	23.1	30.3	33.1	40.4	50.4	62.0	56.2	4.3
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-727-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
2.5°	30.3	28.8	27.4	25.9	24.5	24.5	23.1	23.1	23.1	23.1	23.1
5°	28.8	27.4	25.9	23.1	21.6	20.2	18.7	18.7	18.7	18.7	18.7
7.5°	28.8	27.4	24.5	21.6	18.7	17.3	15.9	14.4	14.4	15.9	15.9
10°	28.8	25.9	21.6	18.7	15.9	14.4	13.0	11.5	11.5	11.5	11.5
12.5°	27.4	24.5	20.2	17.3	14.4	11.5	8.6	7.2	7.2	7.2	7.2
15°	25.9	23.1	18.7	14.4	10.1	7.2	5.8	4.3	4.3	4.3	4.3
17.5°	25.9	21.6	17.3	13.0	7.2	4.3	2.9	1.4	1.4	1.4	2.9
20°	25.9	21.6	15.9	10.1	4.3	2.9	2.9	1.4	0.0	1.4	1.4
22.5°	25.9	20.2	13.0	7.2	4.3	2.9	1.4	0.0	0.0	0.0	0.0
25°	27.4	20.2	11.5	5.8	2.9	1.4	0.0	0.0	0.0	0.0	0.0
27.5°	27.4	18.7	10.1	4.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0
30°	28.8	18.7	8.6	2.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	28.8	17.3	5.8	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	28.8	15.9	4.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	28.8	14.4	4.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	30.3	13.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	31.7	11.5	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	33.1	10.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	37.5	10.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	43.2	10.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	51.9	10.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	67.7	8.6	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	98.0	8.6	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	164.3	8.6	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	288.2	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	487.1	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	635.5	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	482.8	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	230.6	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	102.3	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	44.7	4.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	17.3	2.9	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0
82.5°	7.2	2.9	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0
85°	4.3	2.9	2.9	2.9	1.4	1.4	1.4	0.0	0.0	0.0	0.0
87.5°	2.9	2.9	2.9	2.9	2.9	1.4	1.4	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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

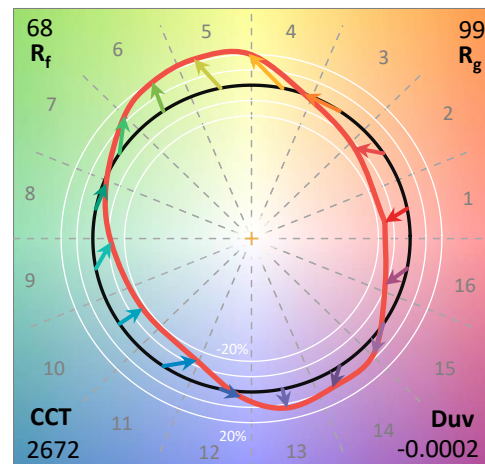
Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-3
 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-727-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672	CRI (Ra):	71.1		
CIE u':	0.2638	R1:	68.3	R9:	-27.8
CIE v':	0.5276	R2:	79.8	R10:	54.4
Duv:	-0.0002	R3:	91.2	R11:	65.8
CIE x:	0.4619	R4:	69.4	R12:	45.6
CIE y:	0.4106	R5:	66.5	R13:	69.8
CIE z:	0.1275	R6:	72.6	R14:	94.5
Peak Wavelength (nm):	601	R7:	77.0	R15:	60.1
Dominant Wavelength (nm):	584	R8:	44.1		
Purity:	61.88407				
Rf:	67.9				
Rg:	98.6				



Test Conditions

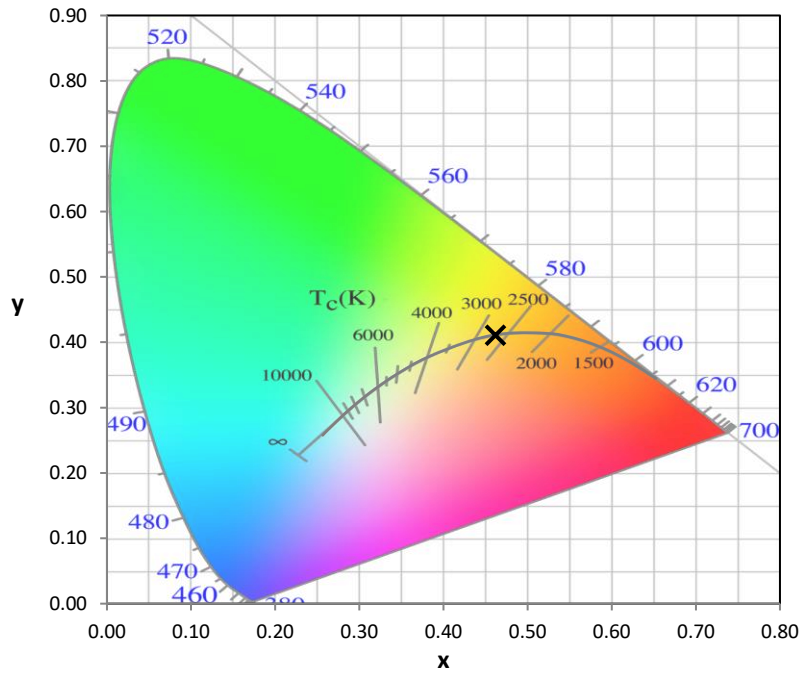
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-3

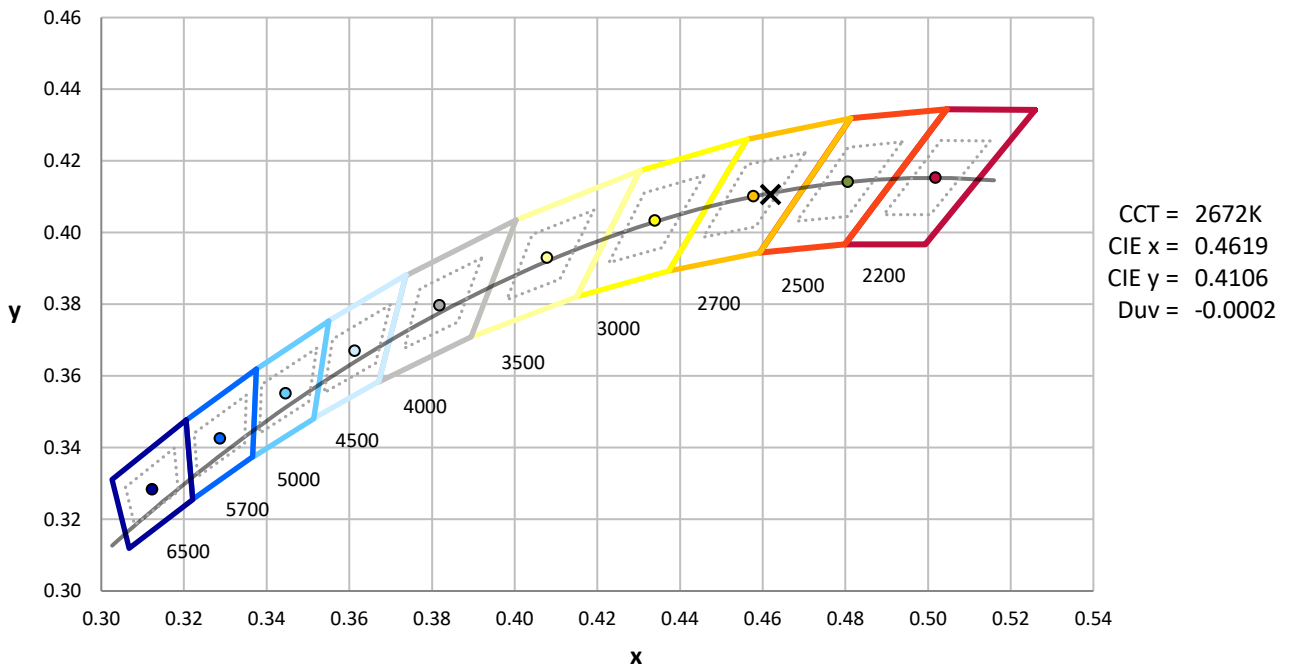
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



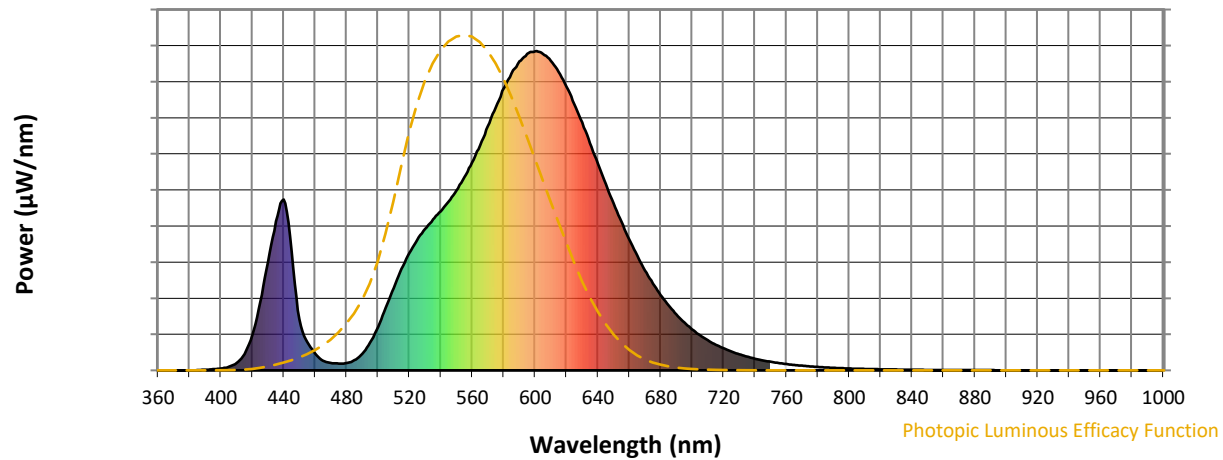
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

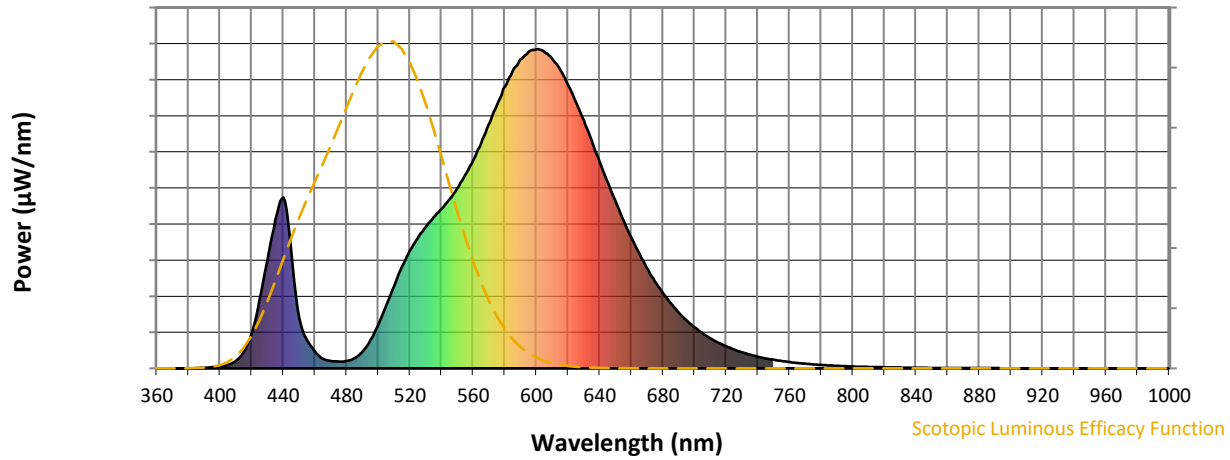


Photopic Lumens: NR

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



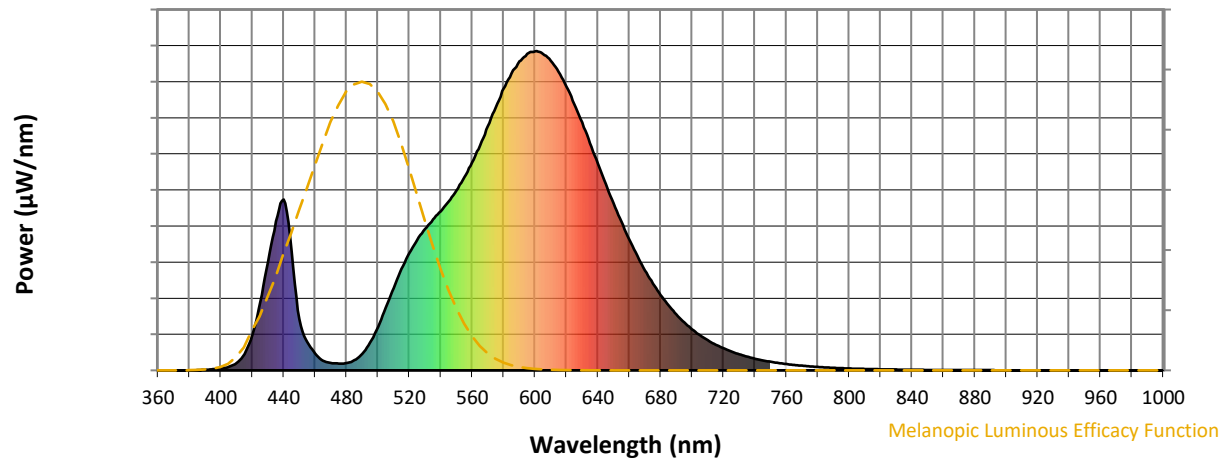
Scotopic Lumens: NR

S/P: 1.02

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.71

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

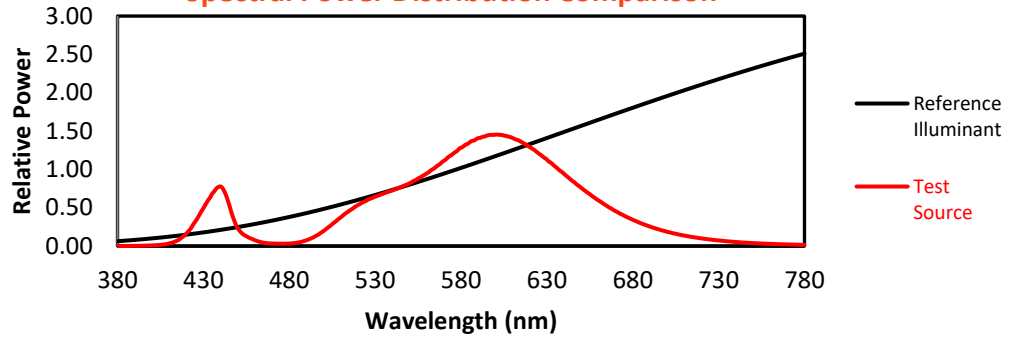
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TM-30-18

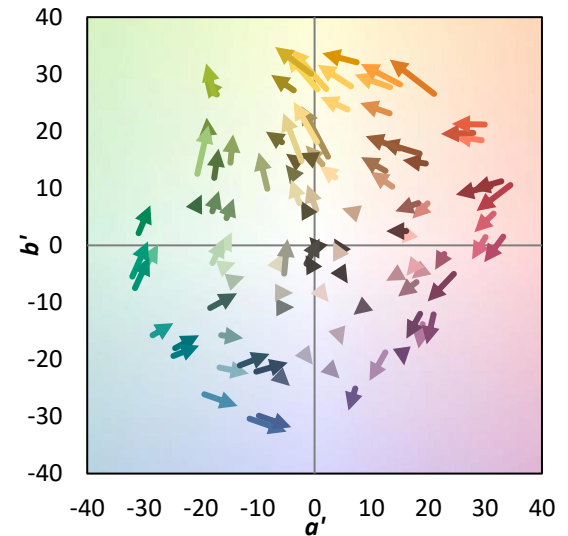
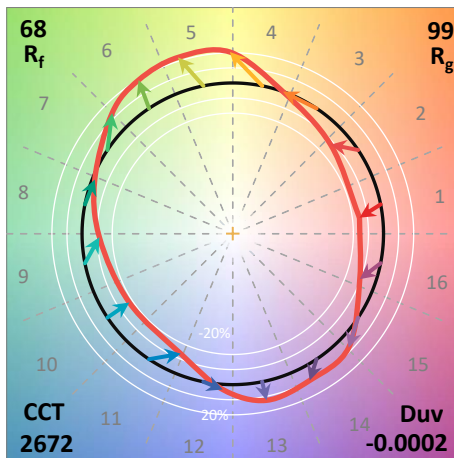
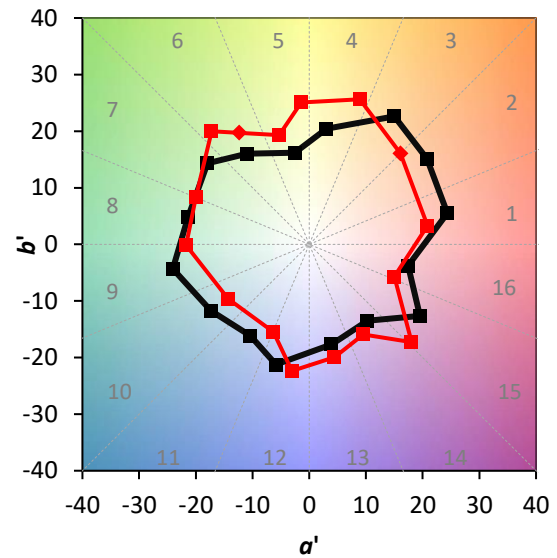
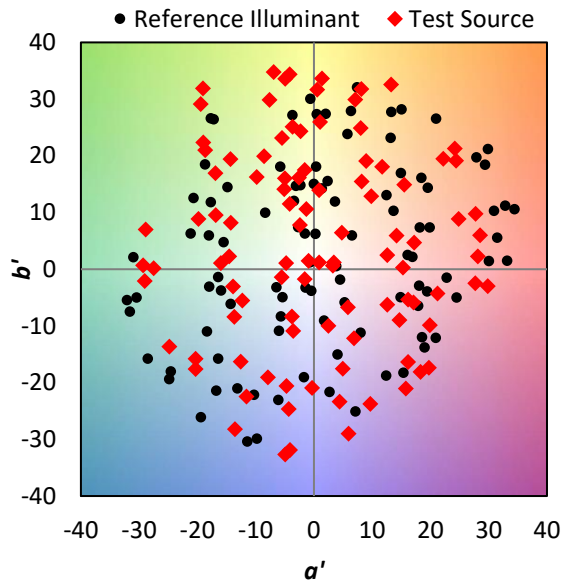
Summary

$R_f = 67.9$
 $R_g = 98.6$
 $CIE R_a = 71.1$
 $R_g = -27.8$

Spectral Power Distribution Comparison

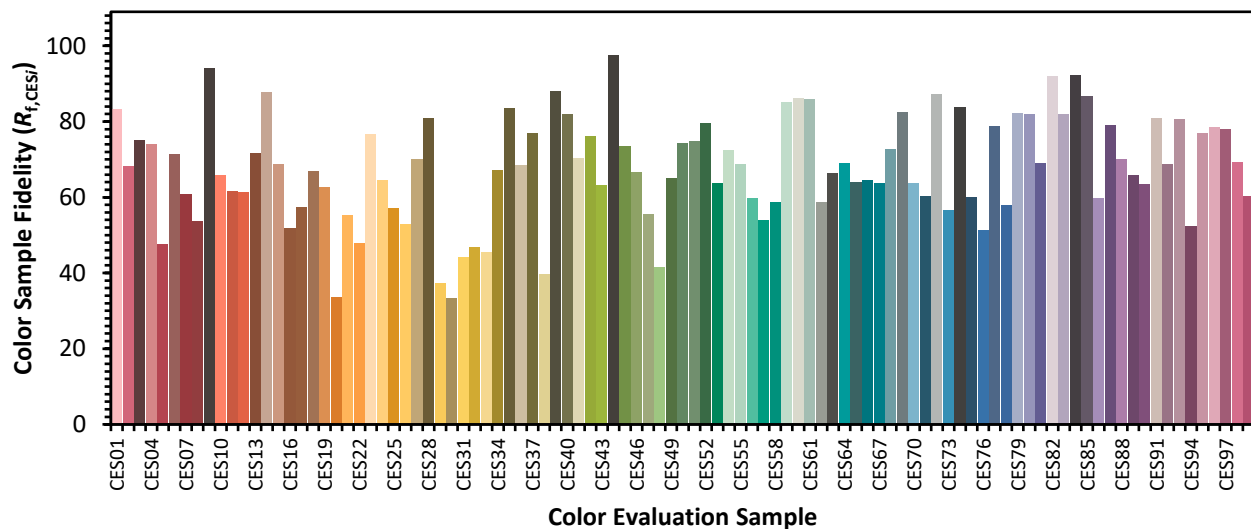


Color Vector Graphics

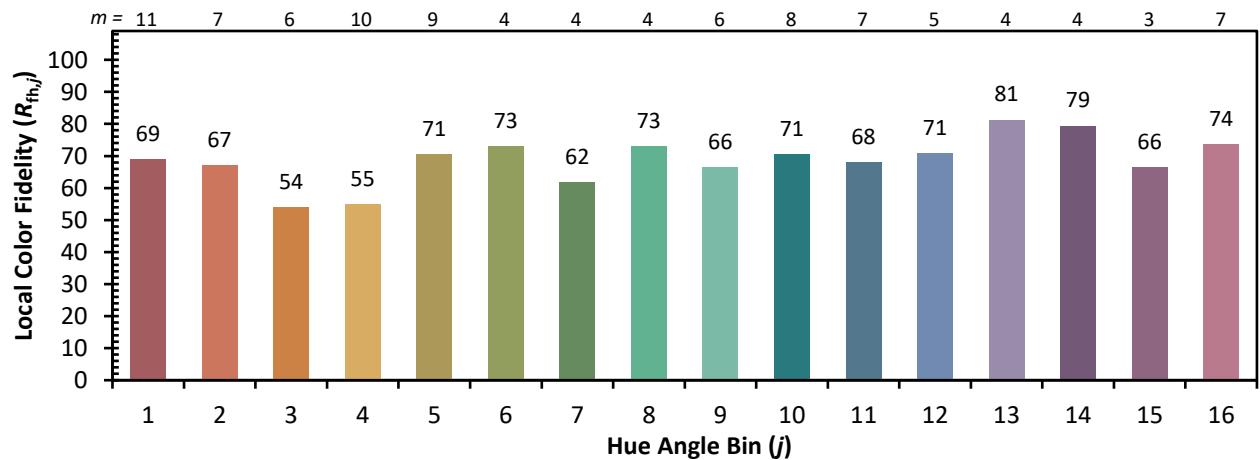
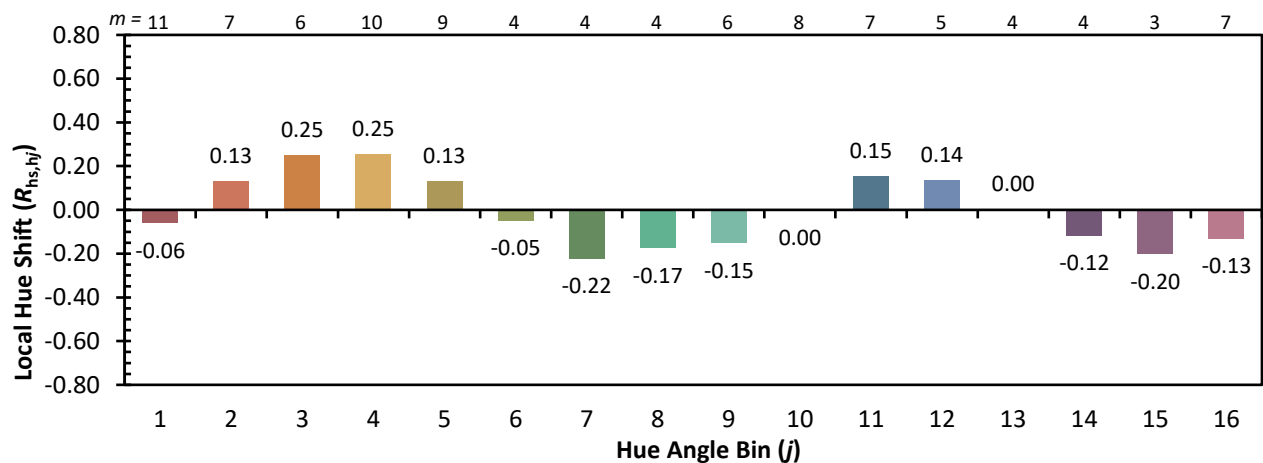
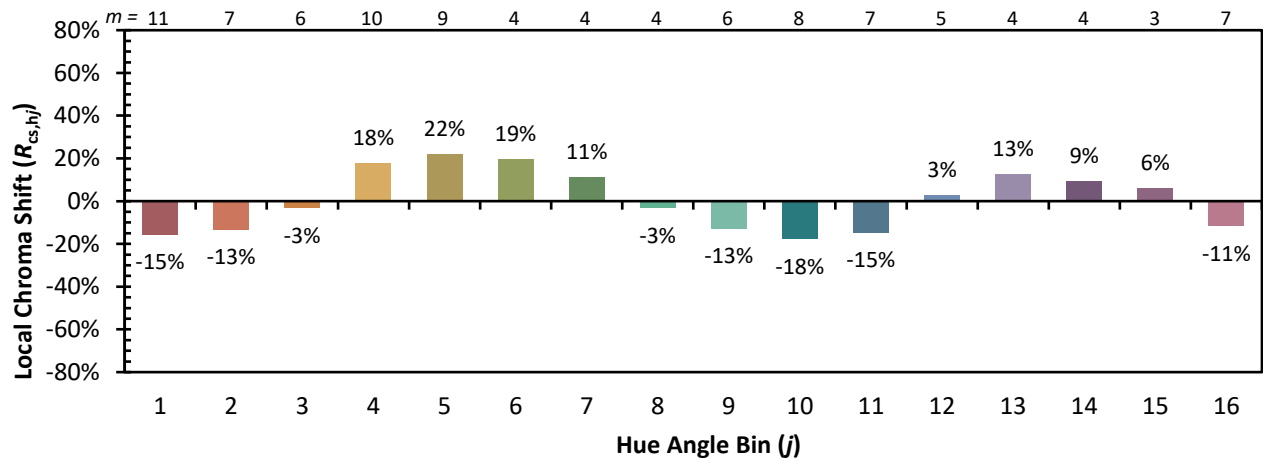


Individual Sample Fidelity Index ($R_{f,i}$)

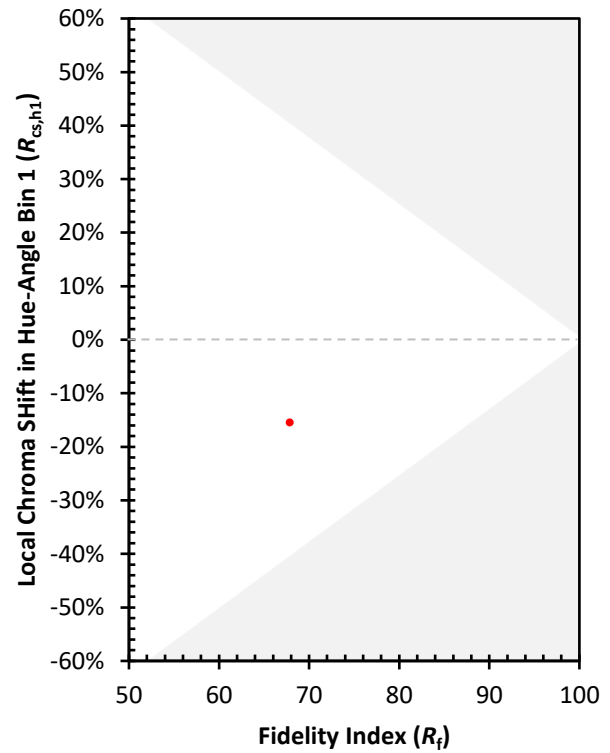
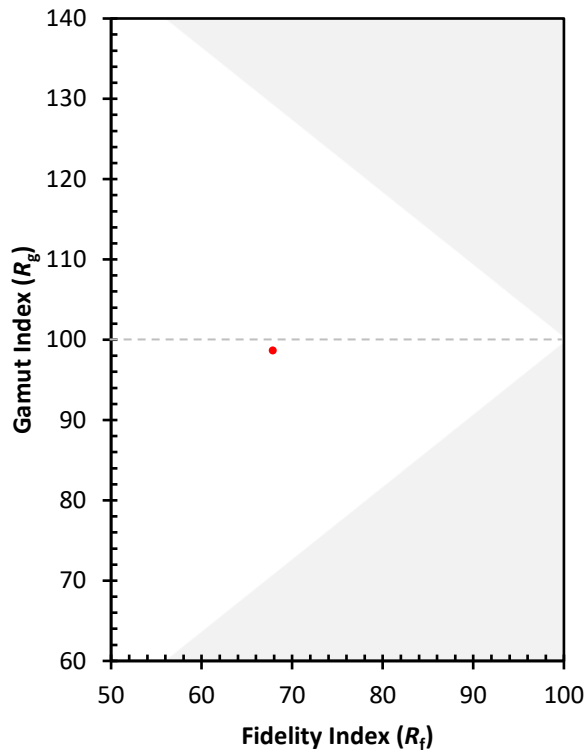
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)