

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: P1063978

Luminaire Tested: **GLAN-SA9B-727-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063978
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA9B-727-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 9xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (126) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 36508 lumens
Efficiency: N/A
Efficacy: 116.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 312.7
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

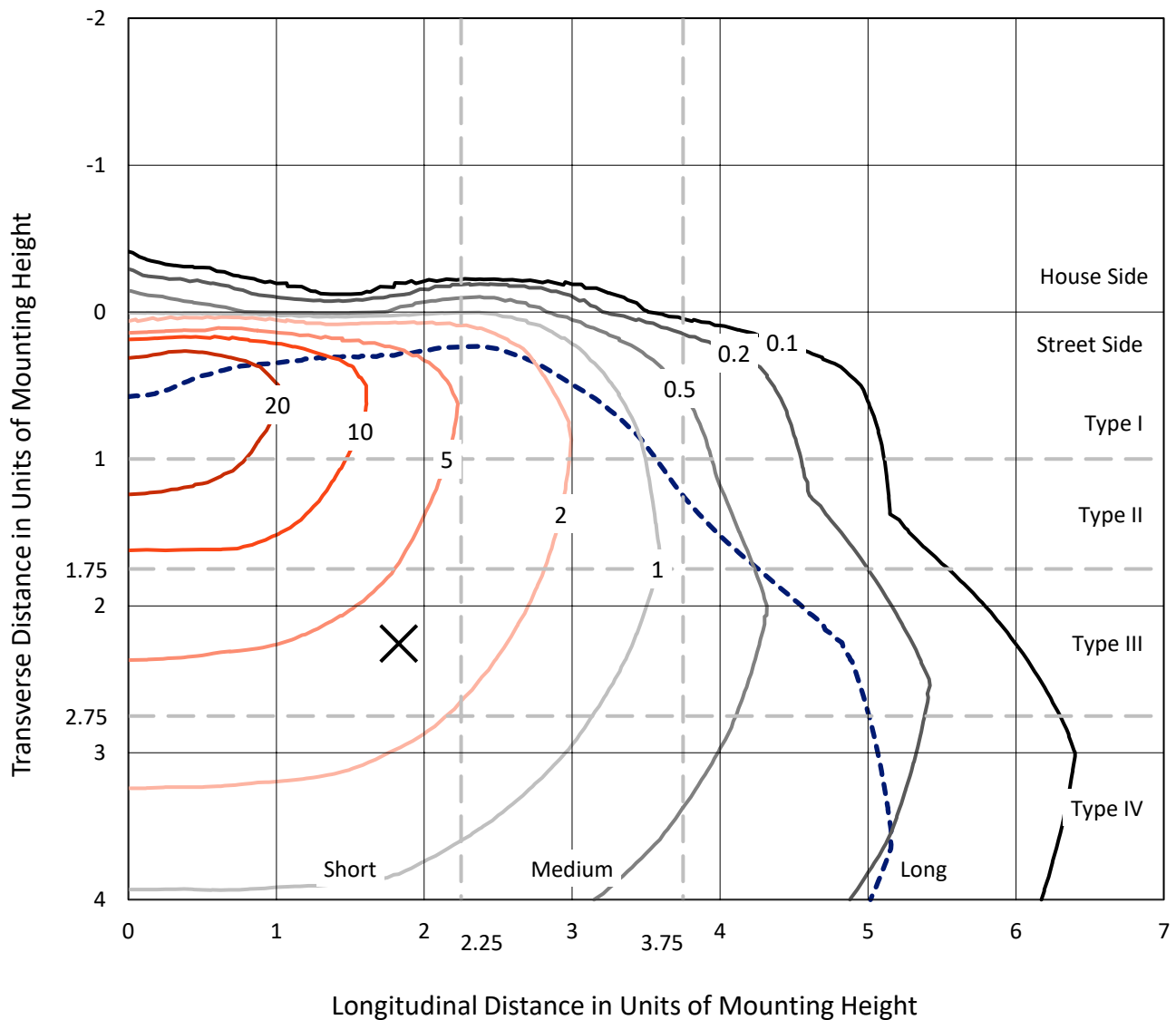


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

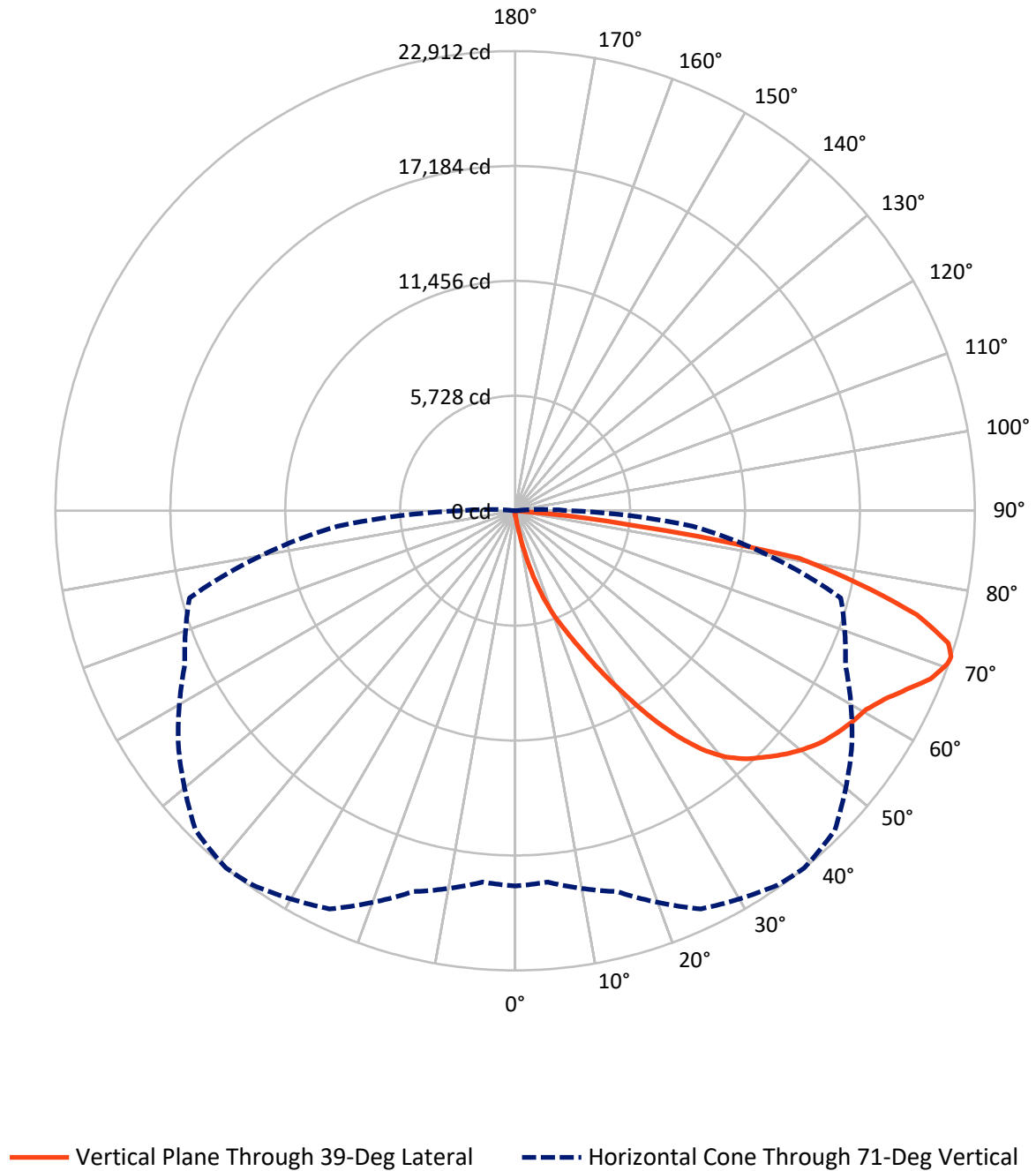


Based on 15 foot mounting height. Maximum calculated value = 37.5 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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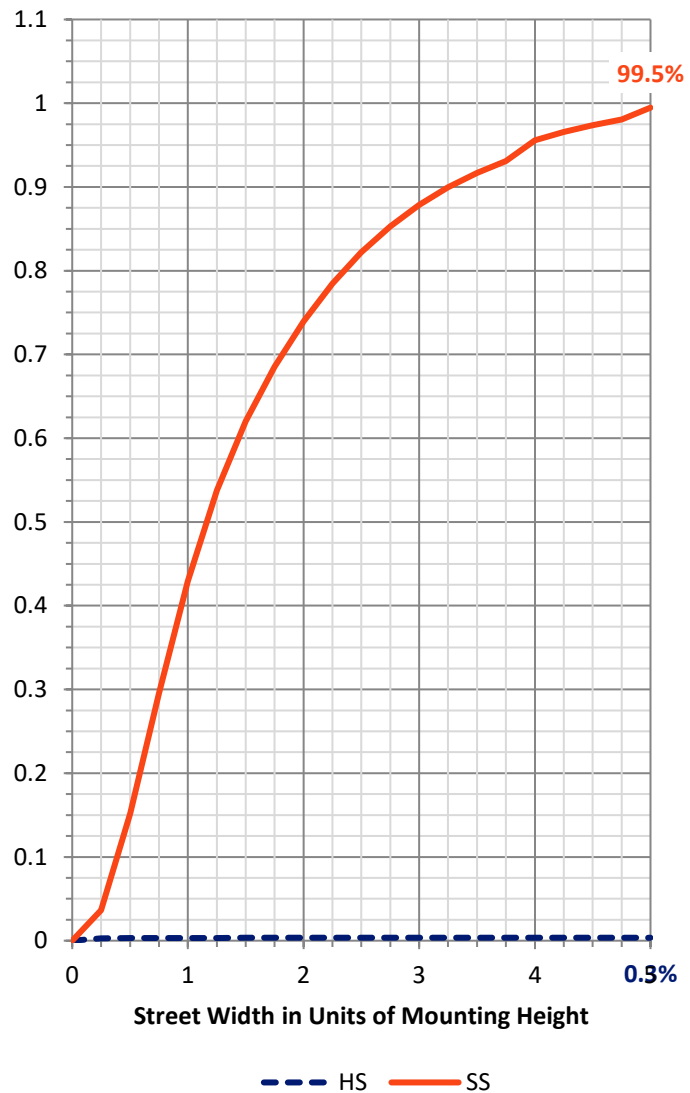
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	129.7	0.0	129.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	36378.3	0.0	36378.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	36508.0	0.0	36508.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.5	0.1
10°-20°	390.2	1.1
20°-30°	1389.6	3.8
30°-40°	3349.0	9.2
40°-50°	5604.9	15.4
50°-60°	7198.8	19.7
60°-70°	9110.1	25.0
70°-80°	8122.0	22.2
80°-90°	1312.9	3.6
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°	36508.0	100.0
0°-180°	36508.0	100.0



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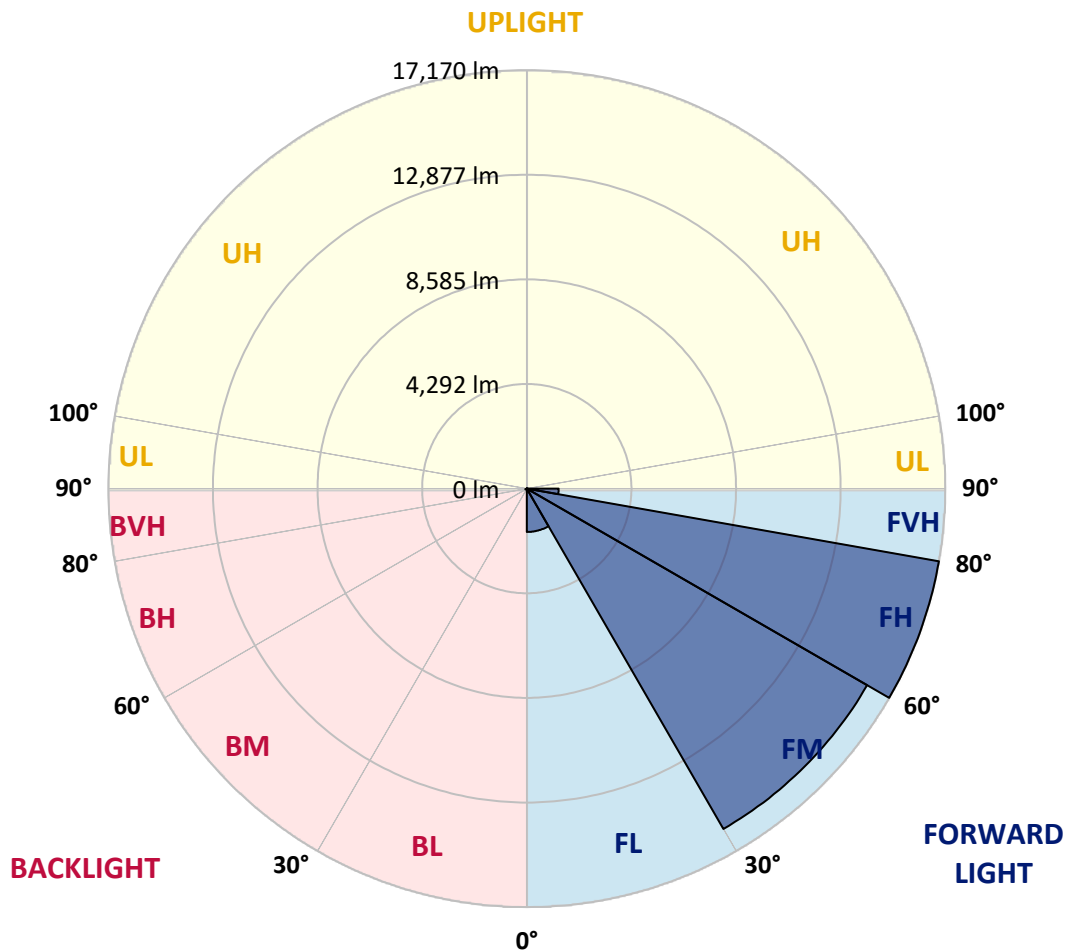
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1778.9	4.9			
FM	(30°-60°)	16122.7	44.2			
FH	(60°-80°)	17169.8	47.0			G5
FVH	(80°-90°)	1306.9	3.6			G5
BL	(0°-30°)	31.4	0.1	B0/110		
BM	(30°-60°)	30.0	0.1	B0/220		
BH	(60°-80°)	62.4	0.2	B0/110		G0/110
BVH	(80°-90°)	6.0	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-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	200.2	200.2	200.2	200.2	200.2	200.2	200.2	200.2	200.2	200.2	200.2
2.5°	229.8	229.8	229.8	222.4	222.4	220.0	217.5	217.5	212.5	210.1	205.1
5°	348.5	341.1	323.8	313.9	294.1	281.7	269.4	252.1	234.8	222.4	207.6
7.5°	788.4	805.7	748.8	642.6	533.8	486.9	407.8	328.7	271.9	234.8	210.1
10°	2009.2	1999.4	1806.6	1594.1	1230.8	1084.9	850.2	536.3	350.9	257.0	212.5
12.5°	3417.9	3408.1	3180.7	2891.5	2412.1	2108.1	1663.3	1000.9	504.2	291.6	212.5
15°	4601.7	4562.2	4490.5	4203.8	3642.8	3388.3	2800.1	1769.5	815.6	350.9	217.5
17.5°	5385.2	5350.6	5283.9	5180.1	4824.2	4522.7	4050.6	2780.3	1319.7	454.7	227.4
20°	6104.4	6079.6	6025.3	6005.5	5775.7	5615.0	5224.5	3941.9	2056.2	617.8	242.2
22.5°	7092.9	7041.0	7063.3	6944.6	6719.7	6527.0	6287.2	5157.8	2955.8	889.7	269.4
25°	8303.9	8279.2	8217.4	8133.4	7822.0	7653.9	7285.7	6304.5	3961.7	1245.6	299.0
27.5°	9767.0	9739.8	9725.0	9532.2	9173.8	8991.0	8476.9	7387.0	5093.6	1744.8	338.6
30°	11452.5	11464.8	11368.4	11121.3	10703.6	10446.6	9917.7	8521.4	6252.6	2330.5	380.6
32.5°	13197.3	13172.6	13024.3	12732.6	12359.5	12119.7	11447.5	9764.5	7468.6	3104.1	430.0
35°	15078.0	15031.0	14640.6	14306.9	13988.1	13686.6	13073.7	11207.8	8684.5	3971.5	496.8
37.5°	16976.0	16756.1	15972.7	15550.0	15330.1	15082.9	14512.1	12747.5	9893.0	4940.3	578.3
40°	18409.5	18238.9	17309.7	16531.2	16355.7	16145.7	15720.6	14077.1	11178.1	5980.8	677.2
42.5°	19202.8	19108.9	18273.5	17504.9	17092.2	16906.8	16543.5	15238.6	12448.4	7130.0	820.5
45°	19541.4	19395.5	18837.0	18478.7	17821.3	17514.8	17082.3	16116.0	13775.6	8434.9	1020.7
47.5°	19437.6	19353.5	18953.2	19084.1	18607.2	18130.2	17495.0	16788.2	14910.0	9932.6	1295.0
50°	18785.1	18713.4	18589.9	19299.2	19239.8	18676.4	18028.9	17319.6	15836.7	11477.2	1720.1
52.5°	17544.5	17514.8	17831.1	19131.1	19598.2	19158.3	18542.9	17789.1	16701.7	13091.0	2328.1
55°	15945.5	16066.6	16971.1	18869.1	19781.1	19514.2	18997.6	18229.0	17396.2	14534.3	3225.2
57.5°	15288.1	15320.2	16449.6	18683.8	19862.6	19828.0	19440.0	18649.2	18033.8	15688.4	4594.3
60°	16056.7	16007.3	16602.9	18824.6	20025.7	20109.8	19833.0	19039.7	18587.4	16679.5	6418.2
62.5°	17445.6	17418.4	17608.7	19425.2	20502.7	20673.3	20379.2	19321.4	19076.7	17331.9	8499.1
65°	18686.2	18629.4	18982.8	20490.4	21340.5	21461.6	21204.6	19803.3	19291.7	17806.4	10454.0
67.5°	19222.5	19210.2	19778.6	21503.6	22220.3	22351.3	22126.4	20468.1	19242.3	17957.2	11316.5
70°	18977.9	18930.9	19840.4	21933.7	22717.1	22865.4	22647.9	20715.3	18706.0	17480.2	10038.8
71°	18708.5	18582.5	19655.0	21904.0	22786.3	22912.3	22531.7	20490.4	18167.3	16803.0	8879.7
72.5°	17873.2	17895.4	19145.9	21595.1	22620.7	22583.6	21874.4	19684.7	17517.3	15265.8	7132.5
75°	15817.0	15947.9	17497.5	20297.6	21142.8	20670.8	19585.8	18145.0	16212.4	10945.8	4952.7
77.5°	12925.4	13120.7	14823.5	17801.5	17561.8	17514.8	17470.3	15987.5	13844.8	5879.5	3445.1
80°	6171.1	6593.7	8941.5	12707.9	13805.2	14336.6	14002.9	12883.4	10706.1	2800.1	2058.7
82.5°	402.8	397.9	563.5	1067.6	4500.4	5817.7	9243.0	9208.4	7463.6	1364.2	840.3
85°	190.3	195.2	215.0	244.7	284.2	311.4	430.0	2520.8	3571.2	650.0	182.9
87.5°	111.2	113.7	133.5	170.5	222.4	247.1	294.1	378.1	464.6	358.4	39.5
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: GLAN-SA9B-727-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	200.2	200.2	200.2	200.2	200.2	200.2	200.2	200.2	200.2	200.2	200.2
2.5°	202.7	200.2	192.8	185.4	177.9	173.0	170.5	173.0	173.0	175.5	175.5
5°	202.7	195.2	182.9	168.1	158.2	148.3	143.3	140.9	143.3	143.3	143.3
7.5°	200.2	187.8	170.5	153.2	140.9	128.5	123.6	121.1	121.1	123.6	123.6
10°	195.2	182.9	160.6	140.9	126.0	111.2	103.8	96.4	96.4	96.4	98.9
12.5°	192.8	175.5	148.3	128.5	108.7	91.4	76.6	69.2	71.7	71.7	71.7
15°	187.8	168.1	140.9	116.2	91.4	69.2	56.8	49.4	51.9	54.4	51.9
17.5°	187.8	165.6	131.0	101.3	71.7	51.9	42.0	37.1	37.1	39.5	39.5
20°	187.8	160.6	123.6	86.5	54.4	39.5	29.7	27.2	27.2	32.1	34.6
22.5°	192.8	160.6	113.7	71.7	44.5	29.7	22.2	19.8	22.2	27.2	29.7
25°	200.2	158.2	103.8	64.3	37.1	22.2	17.3	12.4	14.8	19.8	22.2
27.5°	207.6	155.7	93.9	56.8	29.7	17.3	12.4	9.9	7.4	9.9	9.9
30°	215.0	155.7	84.0	47.0	24.7	12.4	7.4	4.9	2.5	0.0	0.0
32.5°	220.0	150.8	76.6	37.1	19.8	9.9	4.9	2.5	0.0	0.0	0.0
35°	224.9	145.8	66.7	29.7	14.8	7.4	2.5	0.0	0.0	0.0	0.0
37.5°	229.8	138.4	56.8	24.7	12.4	4.9	0.0	0.0	0.0	0.0	0.0
40°	234.8	128.5	47.0	22.2	7.4	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	239.7	121.1	39.5	17.3	4.9	0.0	0.0	0.0	0.0	0.0	0.0
45°	252.1	116.2	32.1	14.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	274.3	111.2	29.7	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	306.5	106.3	27.2	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	350.9	103.8	24.7	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	430.0	101.3	22.2	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	566.0	98.9	22.2	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	867.5	93.9	22.2	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1549.6	91.4	19.8	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2701.2	93.9	19.8	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3872.7	98.9	17.3	7.4	2.5	0.0	0.0	0.0	0.0	0.0	0.0
70°	3314.1	86.5	17.3	9.9	4.9	2.5	0.0	0.0	0.0	0.0	0.0
71°	2701.2	76.6	17.3	9.9	4.9	2.5	2.5	0.0	0.0	0.0	0.0
72.5°	1737.4	59.3	14.8	9.9	4.9	4.9	2.5	0.0	0.0	0.0	0.0
75°	734.0	49.4	14.8	9.9	7.4	4.9	4.9	2.5	0.0	0.0	0.0
77.5°	313.9	37.1	14.8	12.4	9.9	7.4	7.4	4.9	2.5	0.0	0.0
80°	118.6	29.7	17.3	14.8	12.4	12.4	9.9	4.9	2.5	0.0	0.0
82.5°	54.4	24.7	17.3	14.8	14.8	12.4	9.9	7.4	4.9	0.0	0.0
85°	34.6	22.2	17.3	14.8	14.8	12.4	12.4	7.4	4.9	0.0	0.0
87.5°	27.2	22.2	17.3	17.3	14.8	14.8	9.9	7.4	2.5	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

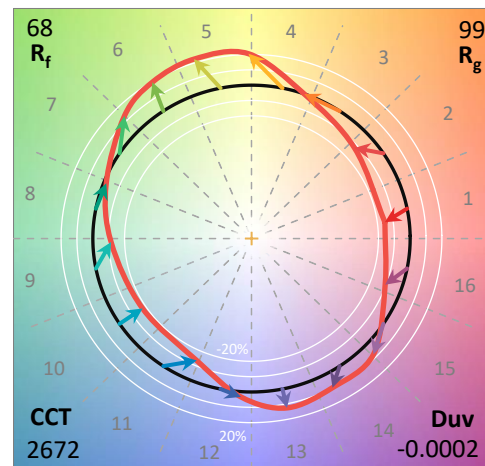
Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

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

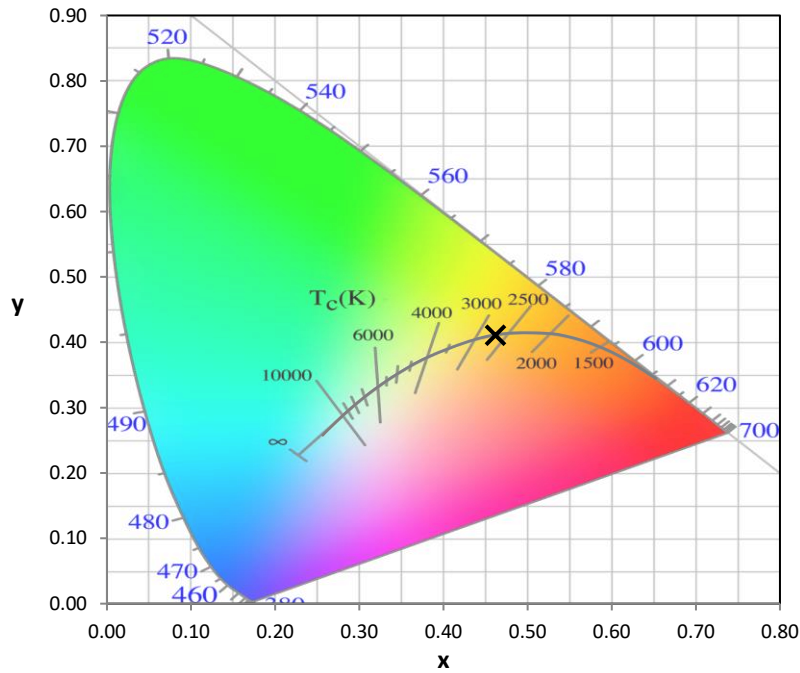
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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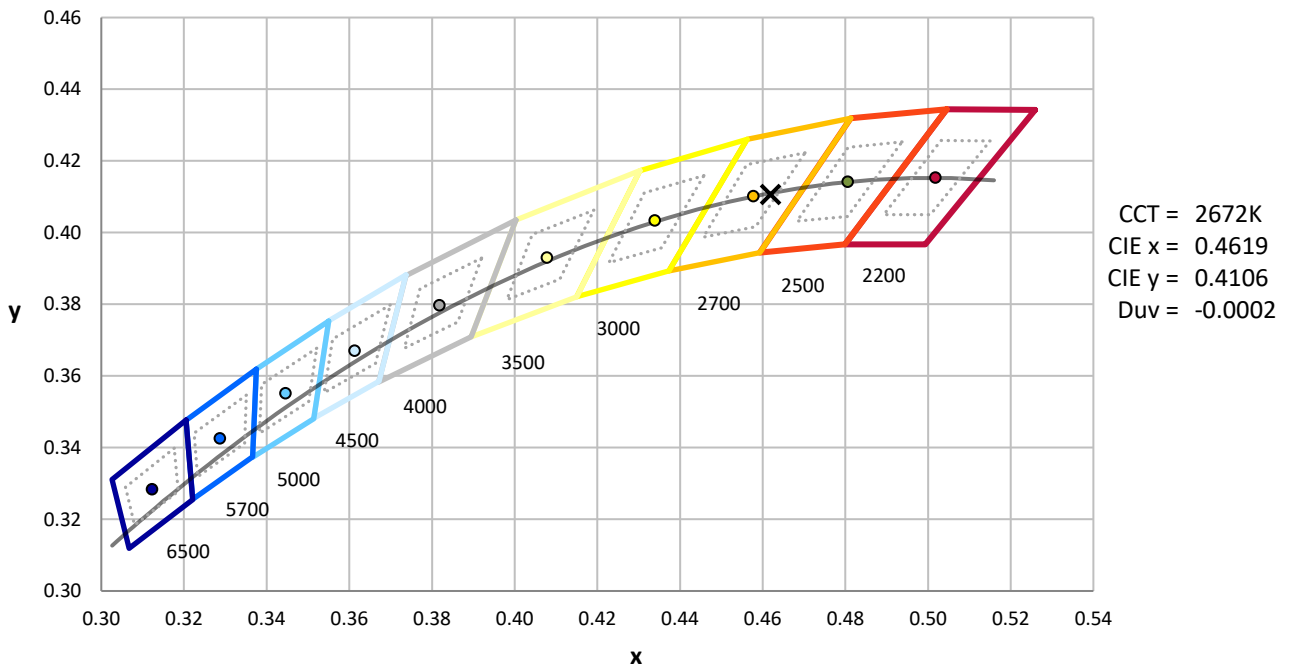
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



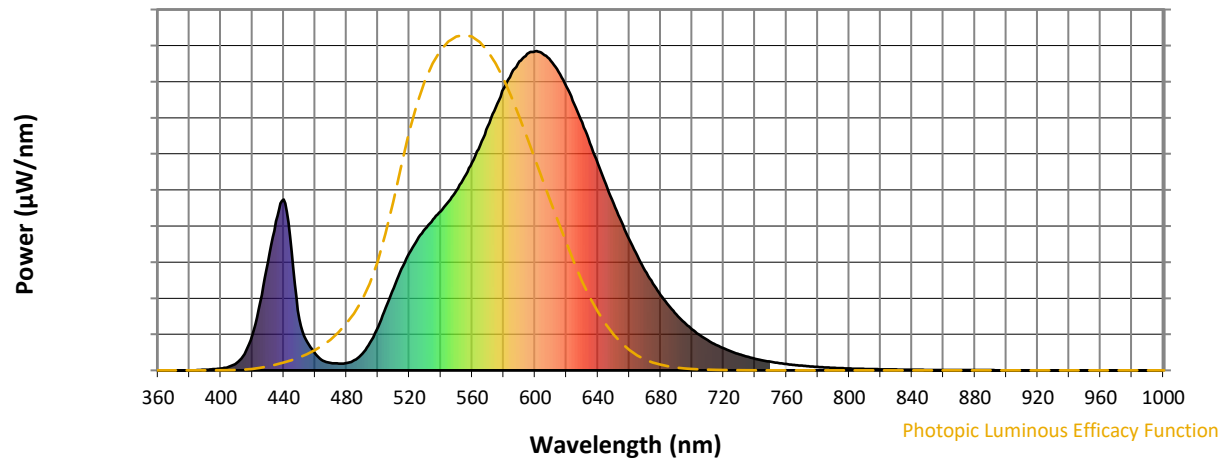
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

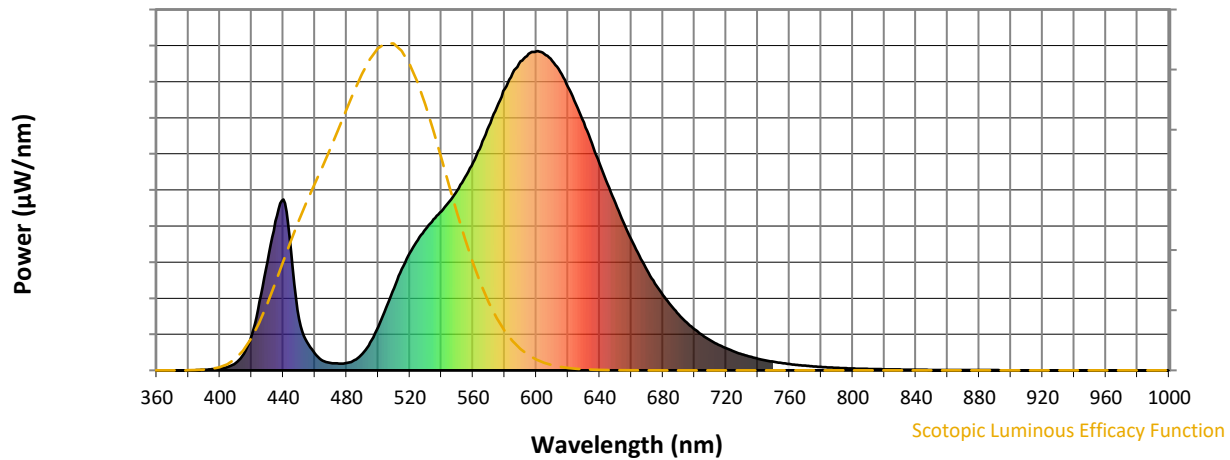


Photopic Lumens: NR

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



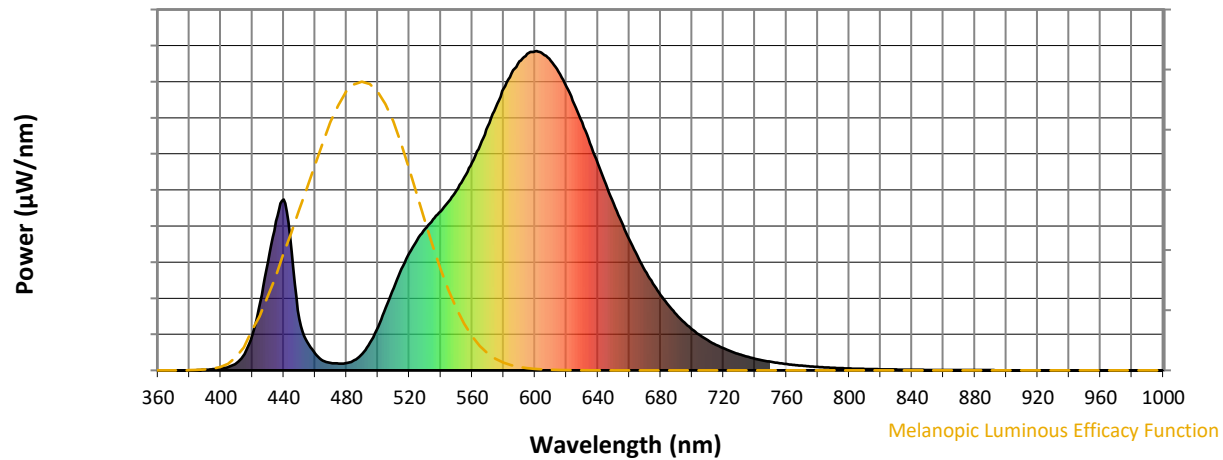
Scotopic Lumens: NR

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			

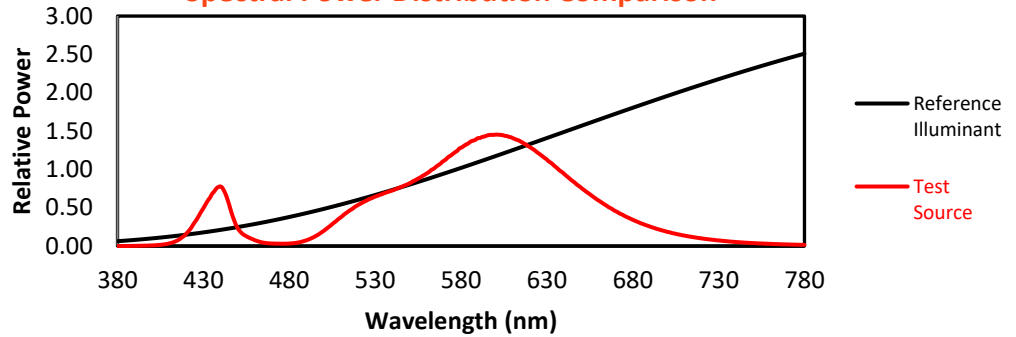
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TM-30-18

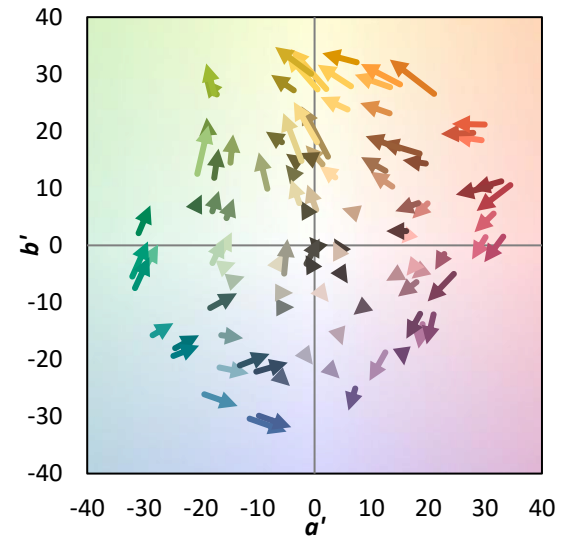
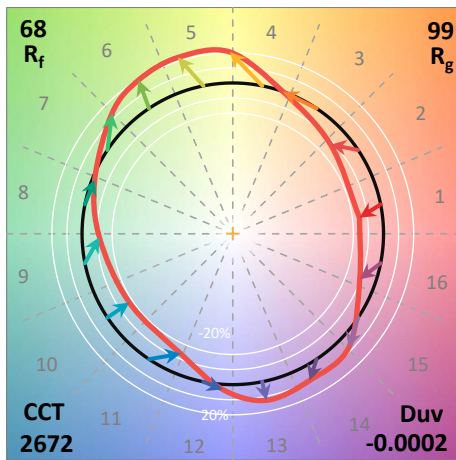
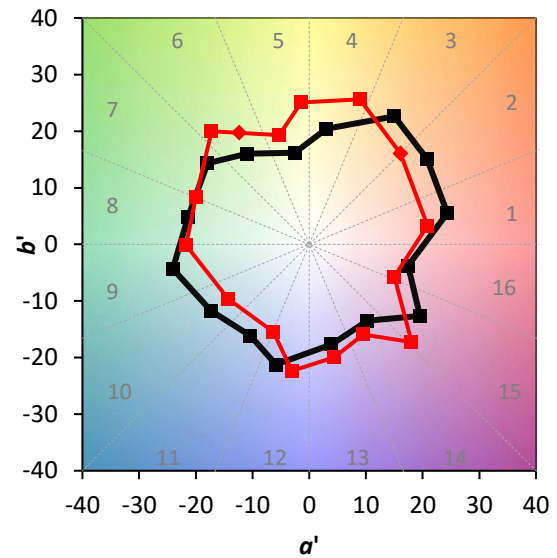
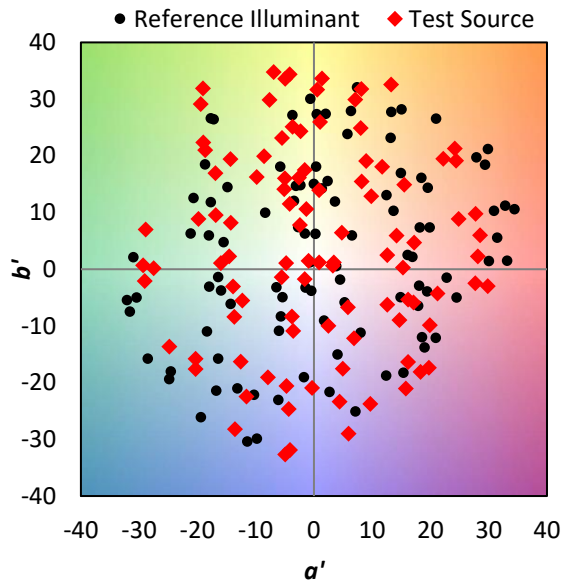
Summary

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

Spectral Power Distribution Comparison

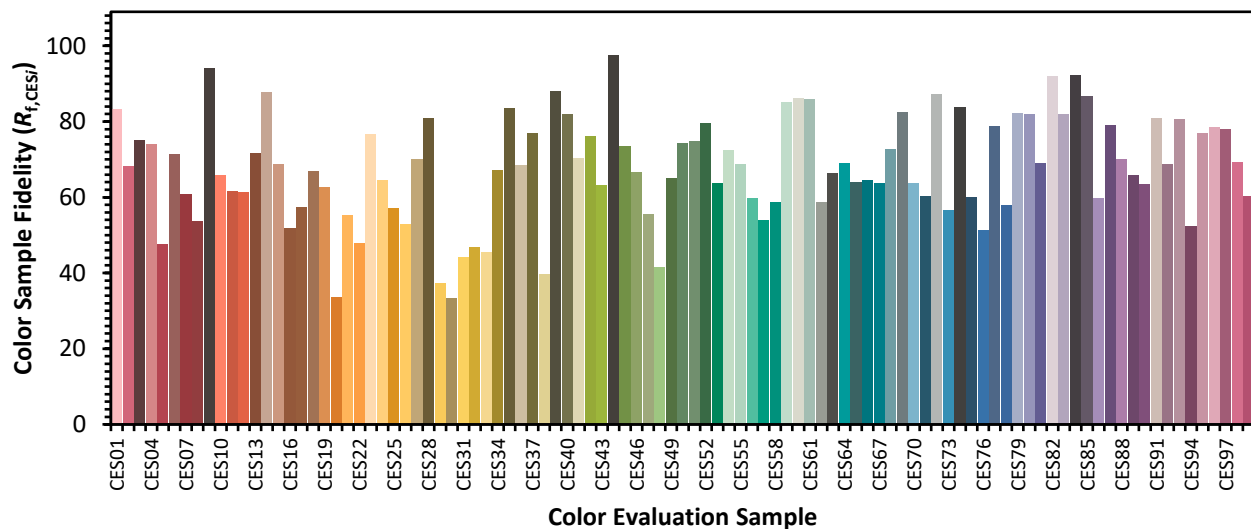


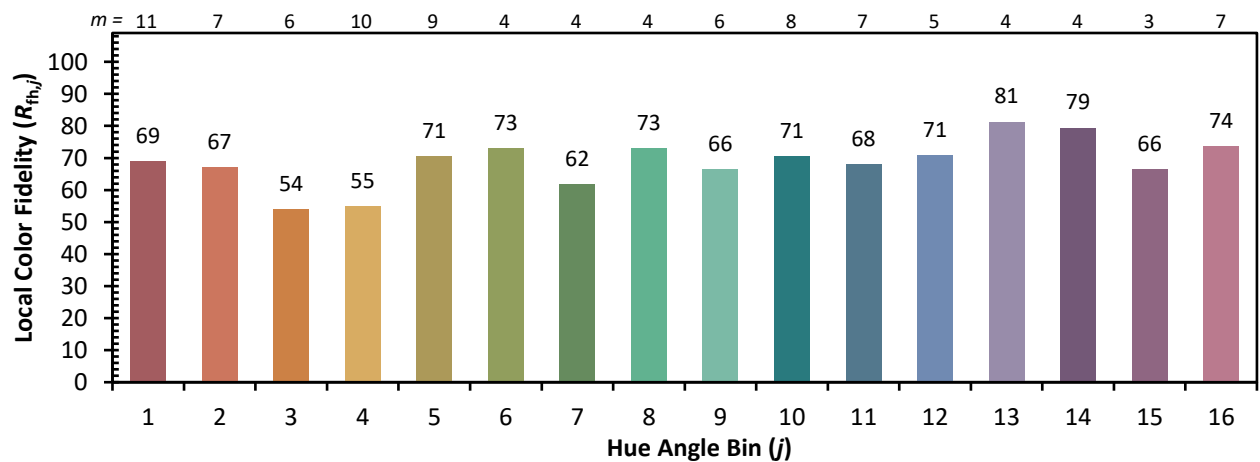
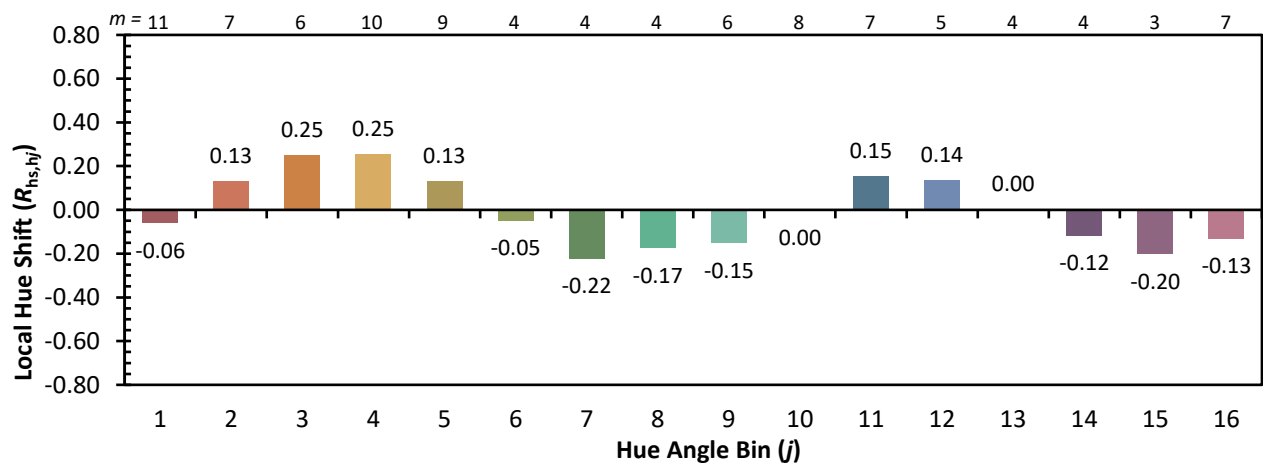
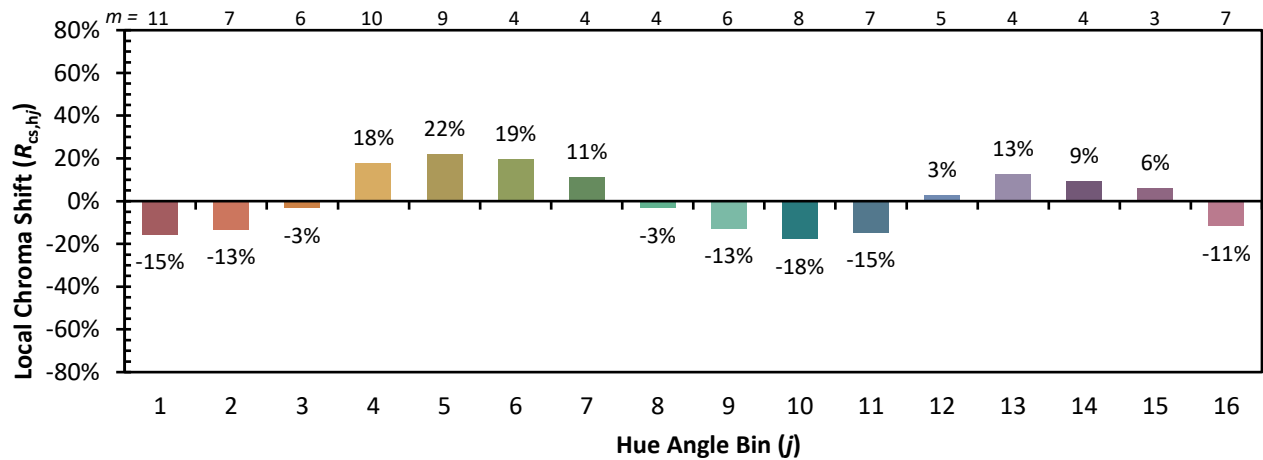
Color Vector Graphics



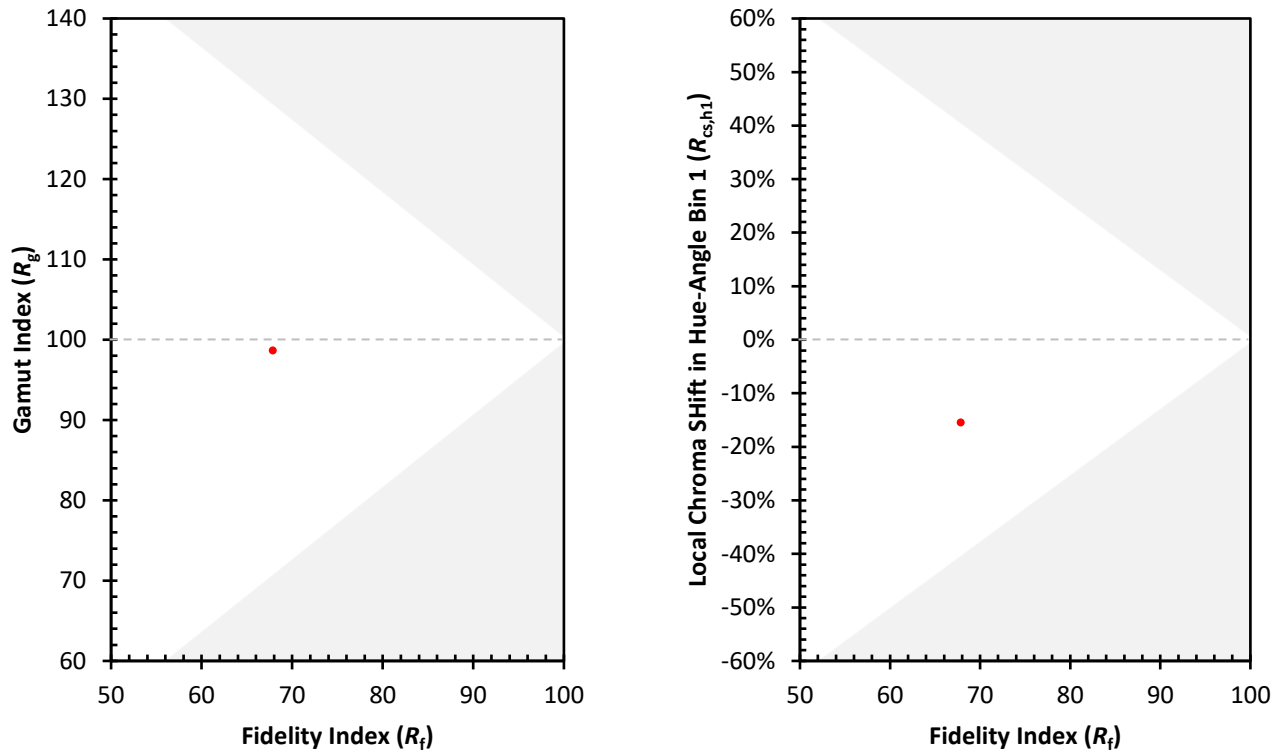
Individual Sample Fidelity Index ($R_{f,i}$)

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)