

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: P1063969

Luminaire Tested: **GLAN-SA7A-727-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063969
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA7A-727-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 7xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (98) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22939.9 lumens
Efficiency: N/A
Efficacy: 118.8 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): 193.1
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

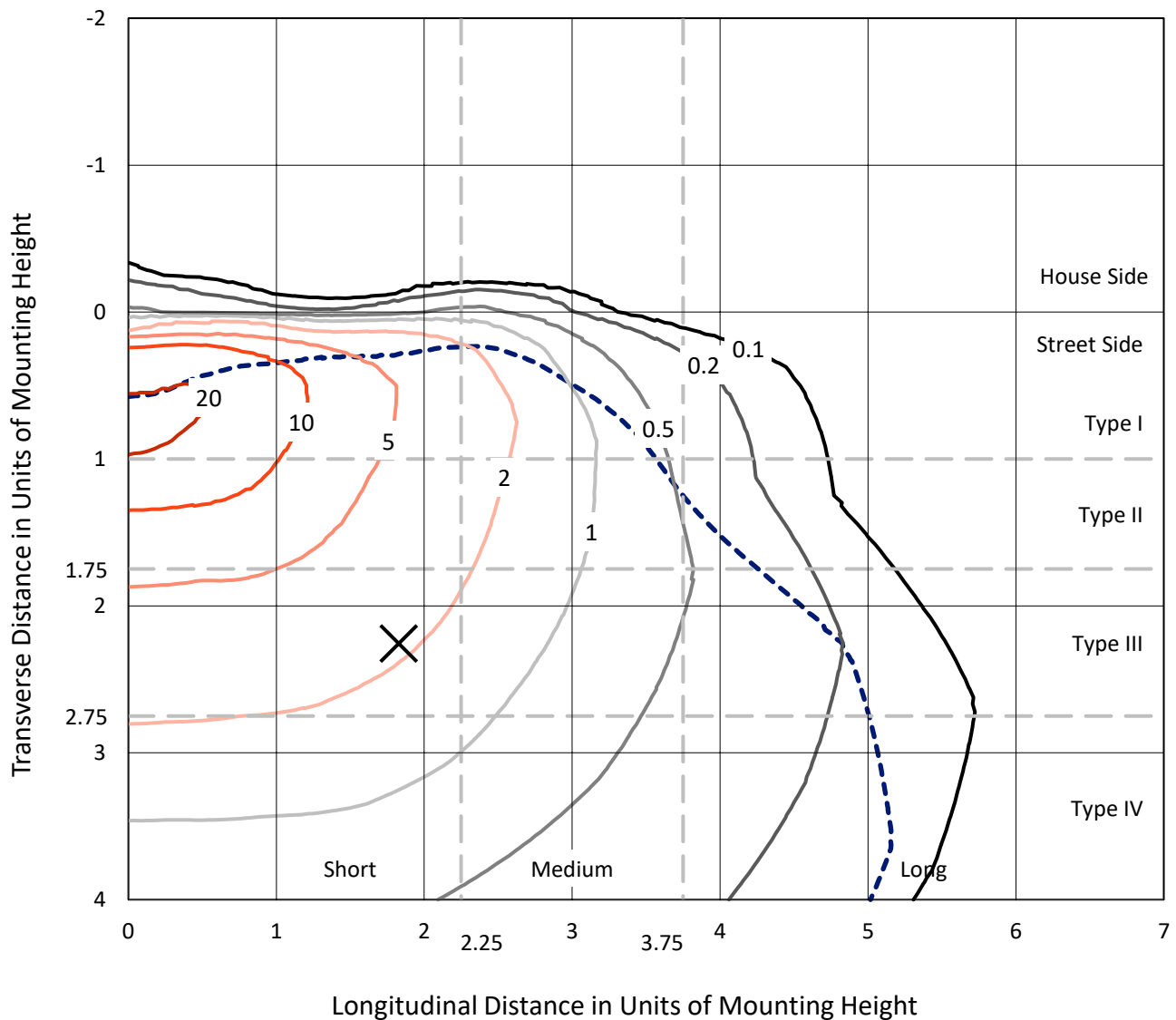


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

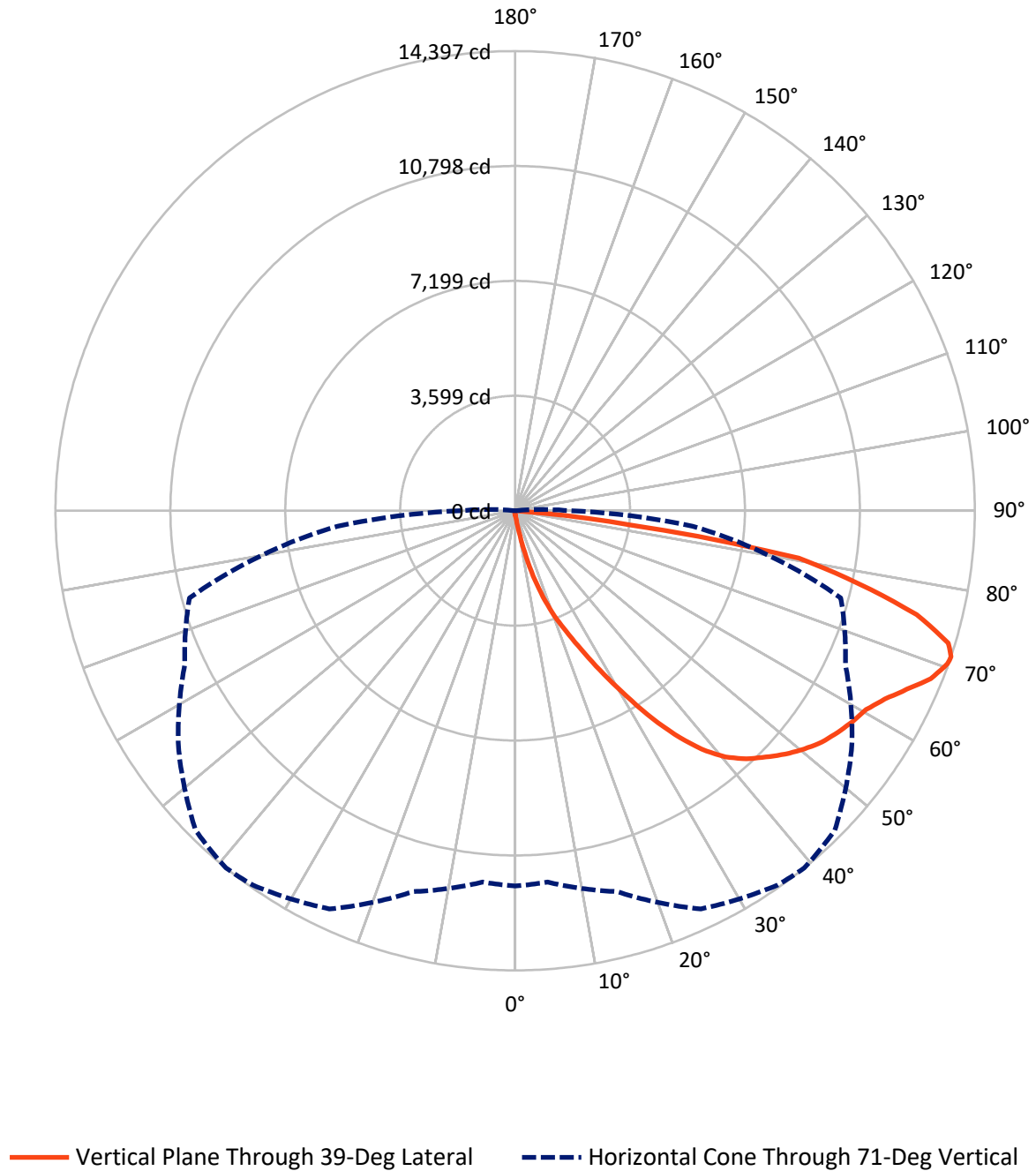


Based on 15 foot mounting height. Maximum calculated value = 23.6 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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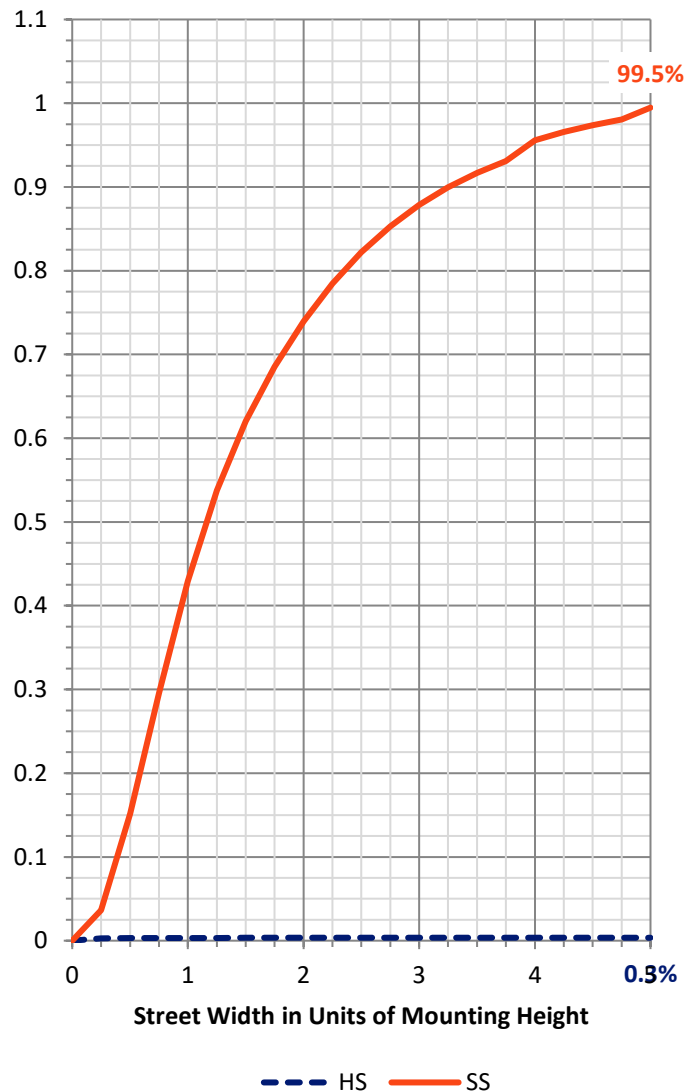
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	81.5	0.0	81.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	22858.4	0.0	22858.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	22939.9	0.0	22939.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.2	0.1
10°-20°	245.2	1.1
20°-30°	873.2	3.8
30°-40°	2104.4	9.2
40°-50°	3521.8	15.4
50°-60°	4523.4	19.7
60°-70°	5724.4	25.0
70°-80°	5103.5	22.2
80°-90°	825.0	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°	22939.9	100.0
0°-180°	22939.9	100.0



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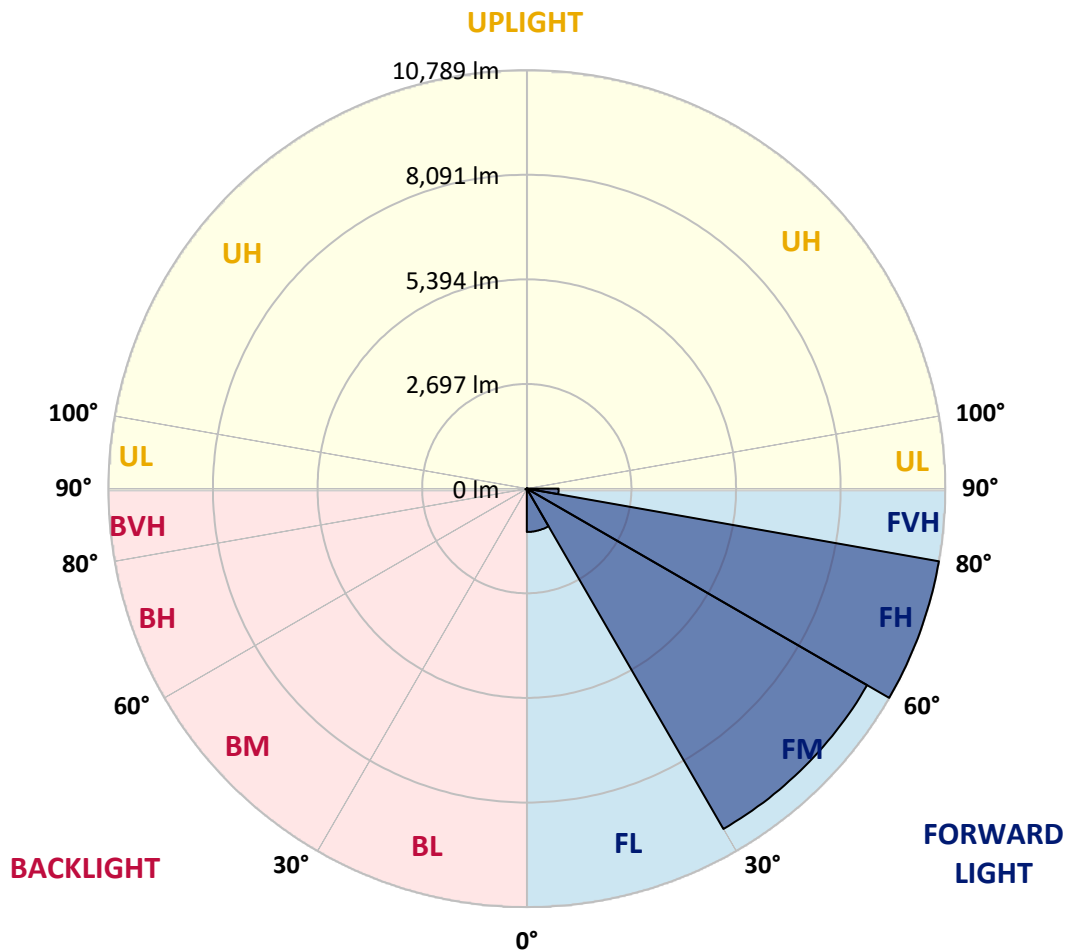
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1117.8	4.9			
FM	(30°-60°)	10130.7	44.2			
FH	(60°-80°)	10788.7	47.0			G4/12000
FVH	(80°-90°)	821.2	3.6			G5
BL	(0°-30°)	19.7	0.1	B0/110		
BM	(30°-60°)	18.9	0.1	B0/220		
BH	(60°-80°)	39.2	0.2	B0/110		G0/110
BVH	(80°-90°)	3.7	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-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	125.8	125.8	125.8	125.8	125.8	125.8	125.8	125.8	125.8	125.8	125.8
2.5°	144.4	144.4	144.4	139.8	139.8	138.2	136.7	136.7	133.6	132.0	128.9
5°	219.0	214.3	203.4	197.2	184.8	177.0	169.3	158.4	147.5	139.8	130.4
7.5°	495.4	506.2	470.5	403.8	335.4	305.9	256.2	206.5	170.8	147.5	132.0
10°	1262.5	1256.3	1135.2	1001.6	773.3	681.7	534.2	337.0	220.5	161.5	133.6
12.5°	2147.7	2141.5	1998.6	1816.9	1515.6	1324.6	1045.1	628.9	316.8	183.2	133.6
15°	2891.5	2866.7	2821.6	2641.5	2289.0	2129.0	1759.4	1111.9	512.5	220.5	136.7
17.5°	3383.8	3362.0	3320.1	3254.9	3031.3	2841.8	2545.2	1747.0	829.3	285.7	142.9
20°	3835.7	3820.2	3786.0	3773.6	3629.1	3528.2	3282.8	2476.9	1292.0	388.2	152.2
22.5°	4456.8	4424.2	4438.2	4363.7	4222.4	4101.2	3950.6	3240.9	1857.3	559.0	169.3
25°	5217.8	5202.2	5163.4	5110.6	4915.0	4809.4	4578.0	3961.5	2489.3	782.7	187.9
27.5°	6137.1	6120.0	6110.7	5989.6	5764.4	5649.5	5326.5	4641.6	3200.5	1096.4	212.7
30°	7196.2	7203.9	7143.4	6988.1	6725.6	6564.1	6231.8	5354.4	3928.9	1464.4	239.1
32.5°	8292.5	8277.0	8183.8	8000.6	7766.1	7615.5	7193.1	6135.5	4692.9	1950.5	270.2
35°	9474.3	9444.8	9199.4	8989.8	8789.5	8600.0	8214.9	7042.4	5456.9	2495.5	312.1
37.5°	10666.9	10528.7	10036.4	9770.9	9632.7	9477.4	9118.7	8009.9	6216.3	3104.3	363.4
40°	11567.6	11460.5	10876.6	10387.4	10277.1	10145.2	9878.1	8845.4	7023.8	3758.0	425.5
42.5°	12066.1	12007.1	11482.2	10999.3	10739.9	10623.4	10395.2	9575.2	7822.0	4480.1	515.6
45°	12278.8	12187.2	11836.3	11611.1	11198.0	11005.5	10733.7	10126.5	8655.9	5300.1	641.4
47.5°	12213.6	12160.8	11909.3	11991.6	11691.8	11392.1	10993.0	10548.9	9368.7	6241.1	813.7
50°	11803.7	11758.6	11681.0	12126.7	12089.4	11735.3	11328.5	10882.8	9951.0	7211.7	1080.8
52.5°	11024.1	11005.5	11204.2	12021.1	12314.6	12038.1	11651.5	11177.8	10494.6	8225.8	1462.8
55°	10019.4	10095.5	10663.8	11856.5	12429.5	12261.8	11937.2	11454.3	10930.9	9132.7	2026.5
57.5°	9606.3	9626.5	10336.2	11740.0	12480.7	12459.0	12215.2	11718.2	11331.6	9857.9	2886.9
60°	10089.2	10058.2	10432.4	11828.5	12583.2	12636.0	12462.1	11963.6	11679.4	10480.6	4032.9
62.5°	10962.0	10944.9	11064.5	12205.9	12882.9	12990.1	12805.3	12140.6	11986.9	10890.5	5340.5
65°	11741.5	11705.8	11927.9	12875.2	13409.4	13485.5	13324.0	12443.5	12122.0	11188.7	6568.8
67.5°	12078.5	12070.8	12427.9	13511.9	13962.2	14044.5	13903.2	12861.2	12090.9	11283.4	7110.8
70°	11924.8	11895.3	12466.8	13782.1	14274.3	14367.5	14230.9	13016.5	11754.0	10983.7	6307.9
71°	11755.5	11676.3	12350.3	13763.4	14317.8	14397.0	14157.9	12875.2	11415.4	10558.2	5579.6
72.5°	11230.6	11244.6	12030.4	13569.3	14213.8	14190.5	13744.8	12368.9	11007.0	9592.3	4481.7
75°	9938.6	10020.9	10994.6	12754.0	13285.1	12988.5	12306.8	11401.5	10187.1	6877.8	3112.0
77.5°	8121.7	8244.4	9314.3	11185.6	11035.0	11005.5	10977.5	10045.8	8699.4	3694.4	2164.8
80°	3877.6	4143.2	5618.4	7985.1	8674.5	9008.4	8798.8	8095.3	6727.2	1759.4	1293.6
82.5°	253.1	250.0	354.1	670.9	2827.8	3655.5	5807.9	5786.1	4689.8	857.2	528.0
85°	119.6	122.7	135.1	153.7	178.6	195.7	270.2	1584.0	2244.0	408.4	114.9
87.5°	69.9	71.4	83.9	107.2	139.8	155.3	184.8	237.6	291.9	225.2	24.8
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	125.8	125.8	125.8	125.8	125.8	125.8	125.8	125.8	125.8	125.8	125.8
2.5°	127.3	125.8	121.1	116.5	111.8	108.7	107.2	108.7	108.7	110.3	110.3
5°	127.3	122.7	114.9	105.6	99.4	93.2	90.1	88.5	90.1	90.1	90.1
7.5°	125.8	118.0	107.2	96.3	88.5	80.8	77.6	76.1	76.1	77.6	77.6
10°	122.7	114.9	100.9	88.5	79.2	69.9	65.2	60.6	60.6	60.6	62.1
12.5°	121.1	110.3	93.2	80.8	68.3	57.5	48.1	43.5	45.0	45.0	45.0
15°	118.0	105.6	88.5	73.0	57.5	43.5	35.7	31.1	32.6	34.2	32.6
17.5°	118.0	104.0	82.3	63.7	45.0	32.6	26.4	23.3	23.3	24.8	24.8
20°	118.0	100.9	77.6	54.4	34.2	24.8	18.6	17.1	17.1	20.2	21.7
22.5°	121.1	100.9	71.4	45.0	28.0	18.6	14.0	12.4	14.0	17.1	18.6
25°	125.8	99.4	65.2	40.4	23.3	14.0	10.9	7.8	9.3	12.4	14.0
27.5°	130.4	97.8	59.0	35.7	18.6	10.9	7.8	6.2	4.7	6.2	6.2
30°	135.1	97.8	52.8	29.5	15.5	7.8	4.7	3.1	1.6	0.0	0.0
32.5°	138.2	94.7	48.1	23.3	12.4	6.2	3.1	1.6	0.0	0.0	0.0
35°	141.3	91.6	41.9	18.6	9.3	4.7	1.6	0.0	0.0	0.0	0.0
37.5°	144.4	87.0	35.7	15.5	7.8	3.1	0.0	0.0	0.0	0.0	0.0
40°	147.5	80.8	29.5	14.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	150.6	76.1	24.8	10.9	3.1	0.0	0.0	0.0	0.0	0.0	0.0
45°	158.4	73.0	20.2	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	172.4	69.9	18.6	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	192.6	66.8	17.1	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	220.5	65.2	15.5	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	270.2	63.7	14.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	355.6	62.1	14.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	545.1	59.0	14.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	973.7	57.5	12.4	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1697.3	59.0	12.4	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2433.4	62.1	10.9	4.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0
70°	2082.5	54.4	10.9	6.2	3.1	1.6	0.0	0.0	0.0	0.0	0.0
71°	1697.3	48.1	10.9	6.2	3.1	1.6	1.6	0.0	0.0	0.0	0.0
72.5°	1091.7	37.3	9.3	6.2	3.1	3.1	1.6	0.0	0.0	0.0	0.0
75°	461.2	31.1	9.3	6.2	4.7	3.1	3.1	1.6	0.0	0.0	0.0
77.5°	197.2	23.3	9.3	7.8	6.2	4.7	4.7	3.1	1.6	0.0	0.0
80°	74.5	18.6	10.9	9.3	7.8	7.8	6.2	3.1	1.6	0.0	0.0
82.5°	34.2	15.5	10.9	9.3	9.3	7.8	6.2	4.7	3.1	0.0	0.0
85°	21.7	14.0	10.9	9.3	9.3	7.8	7.8	4.7	3.1	0.0	0.0
87.5°	17.1	14.0	10.9	10.9	9.3	9.3	6.2	4.7	1.6	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

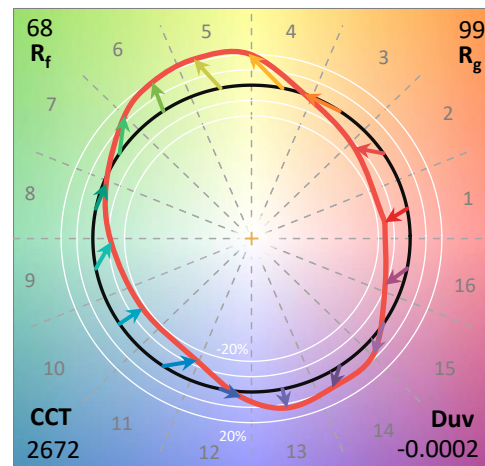
Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

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

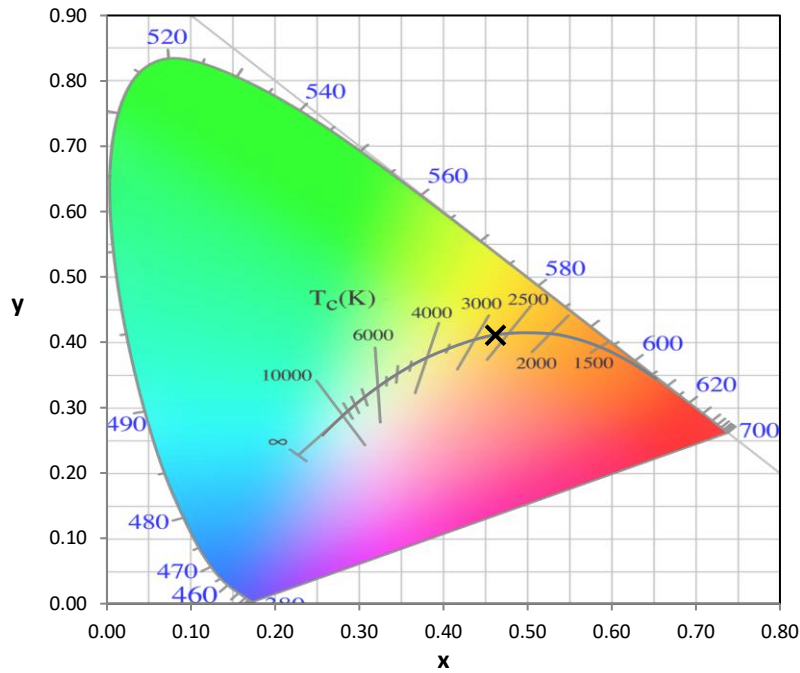
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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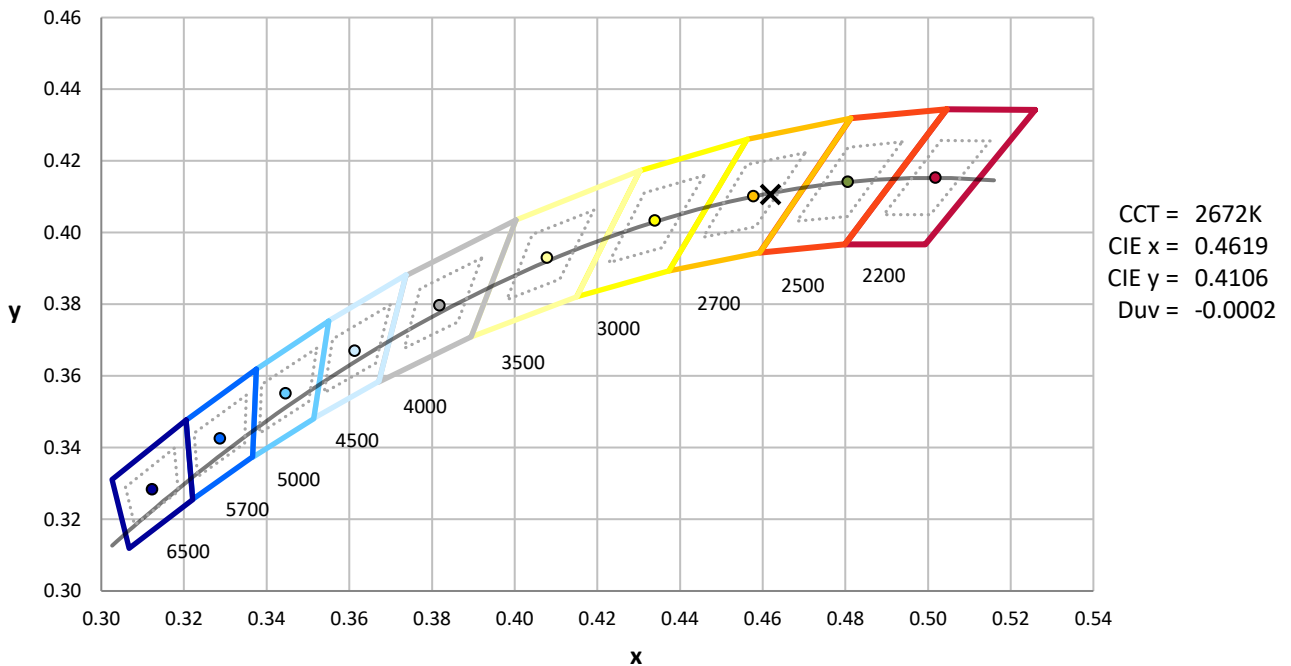
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



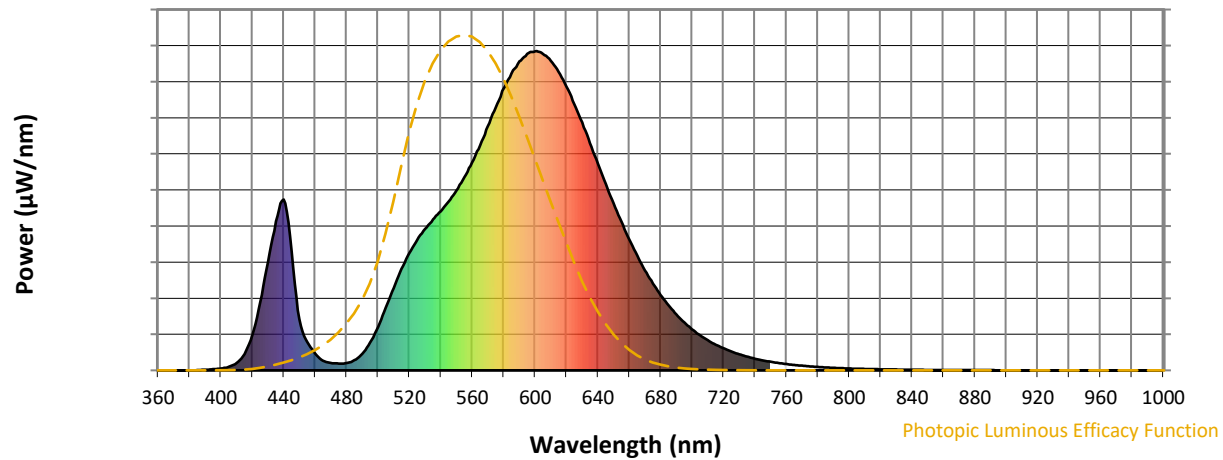
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

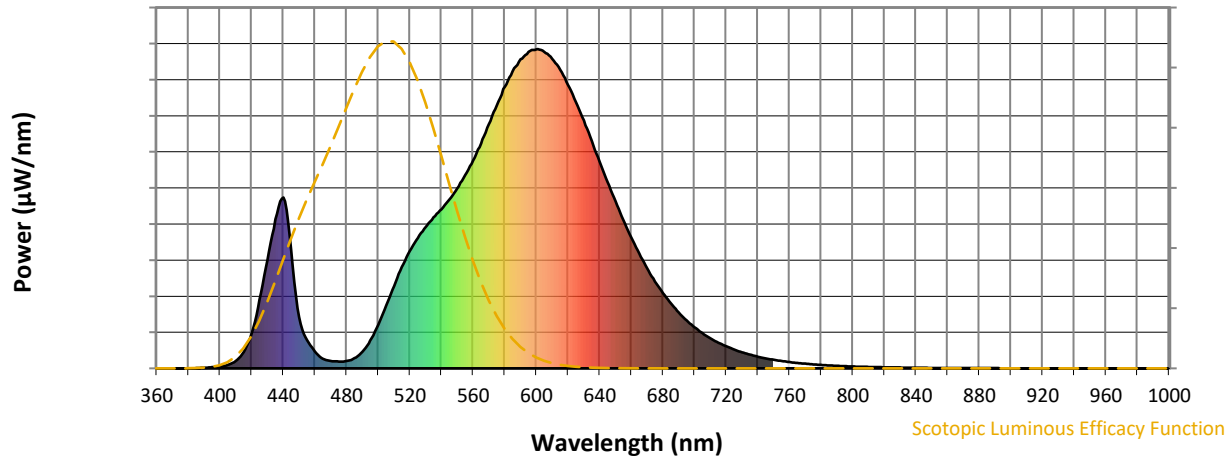


Photopic Lumens: NR

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



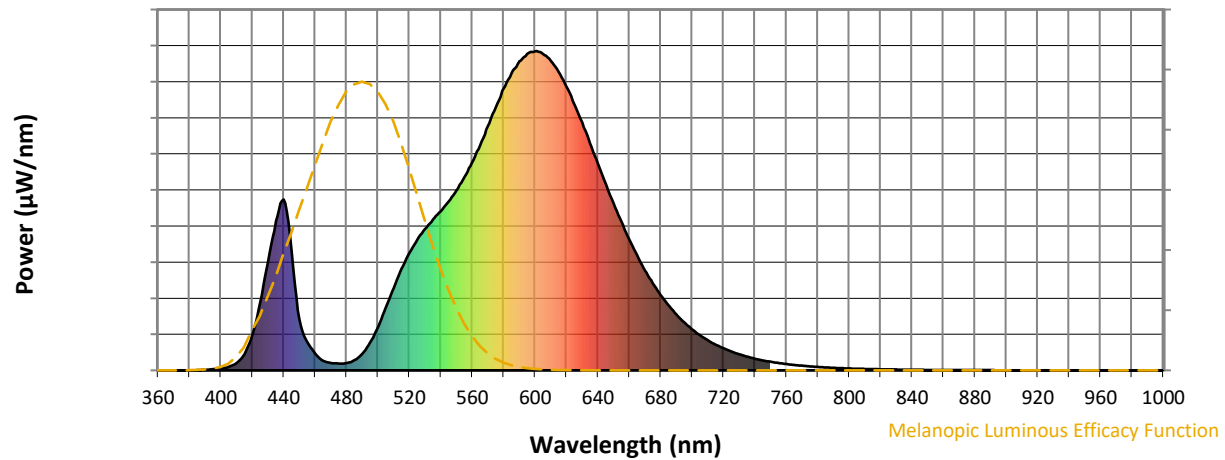
Scotopic Lumens: NR

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			

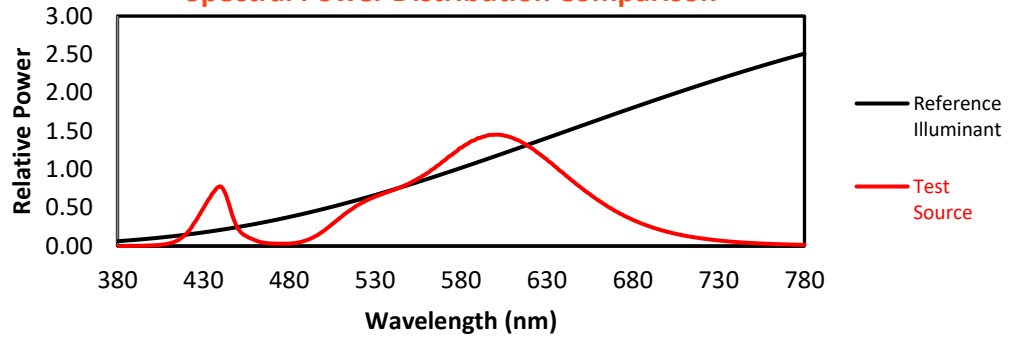
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TM-30-18

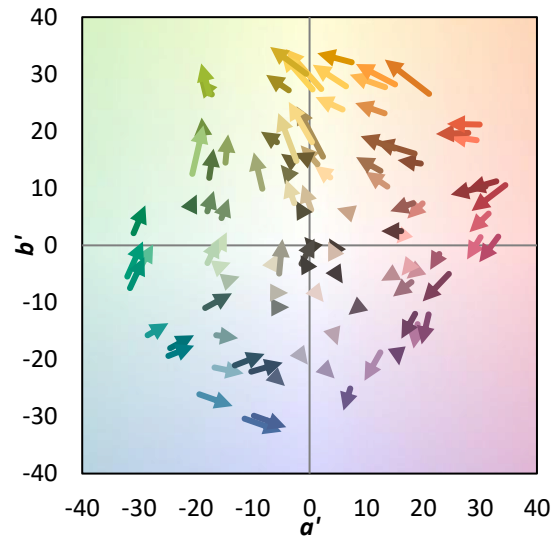
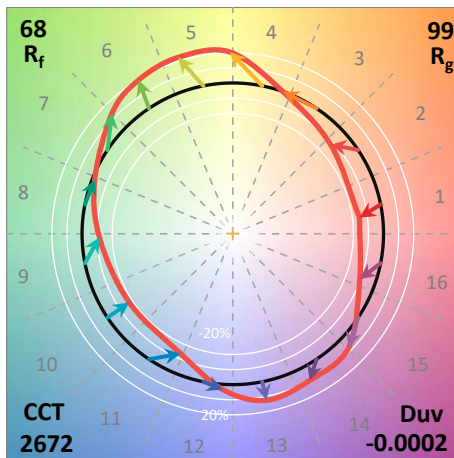
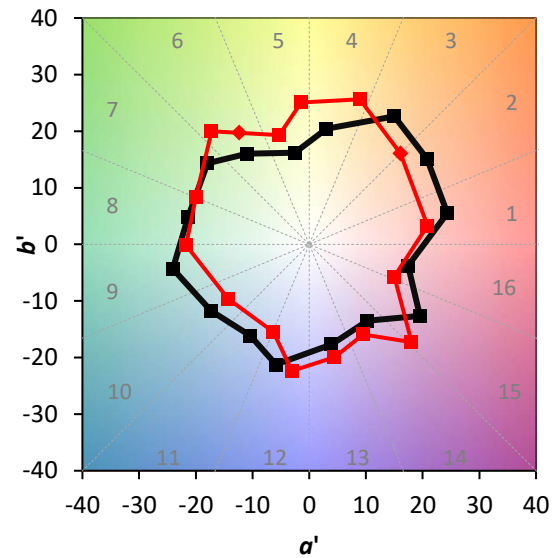
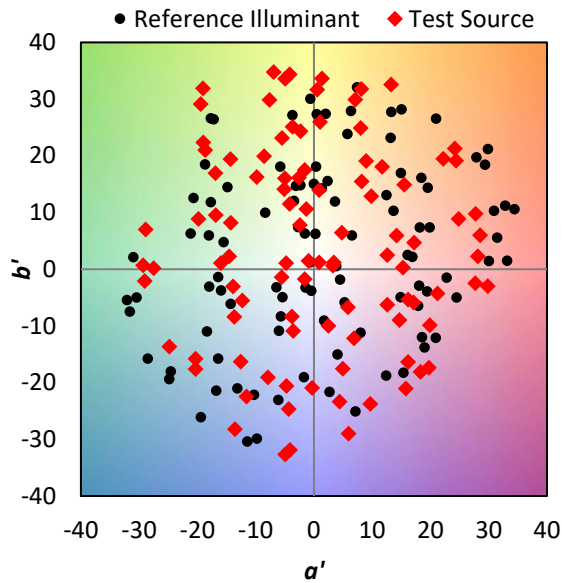
Summary

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

Spectral Power Distribution Comparison

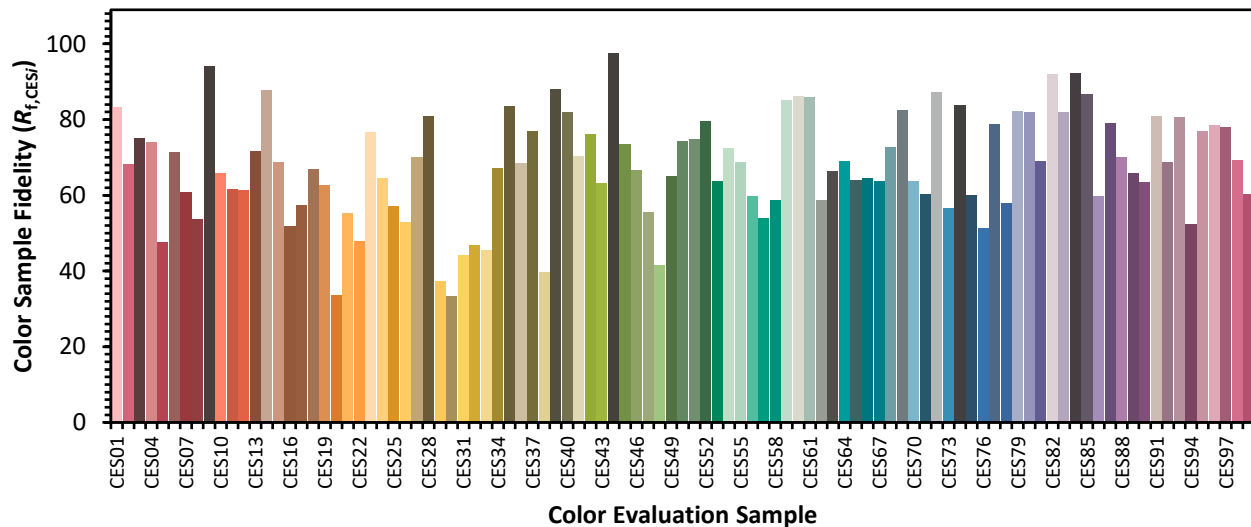


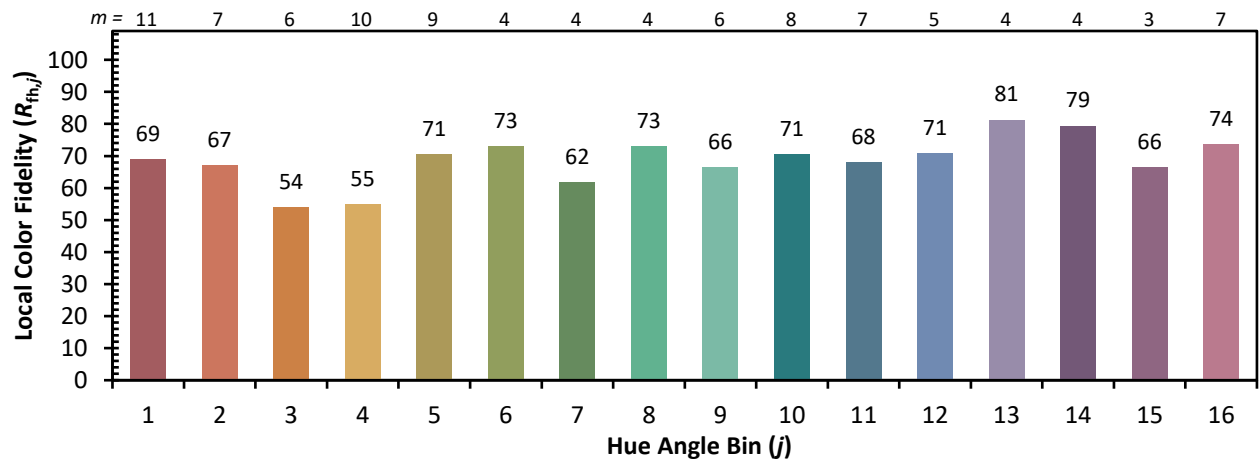
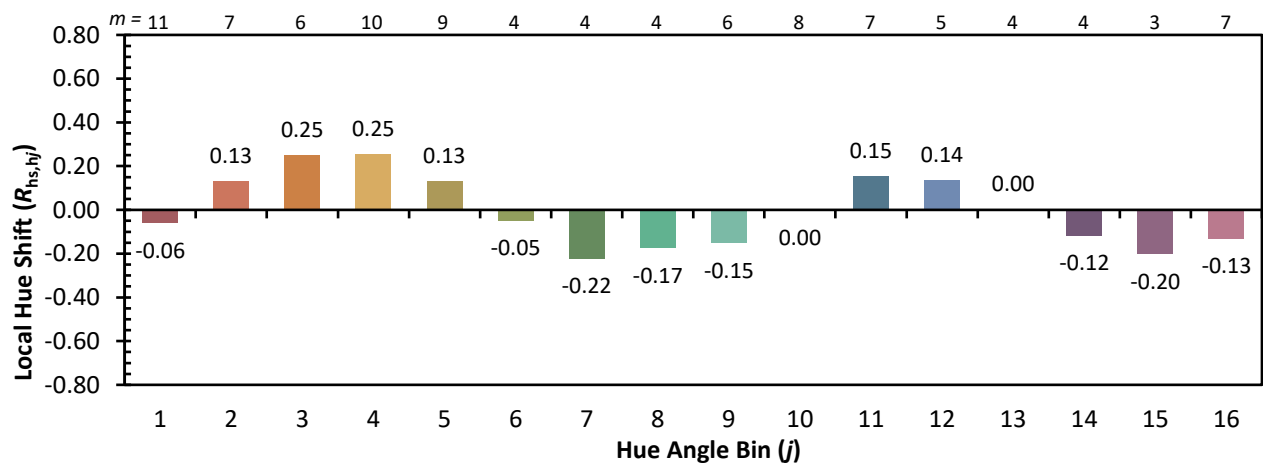
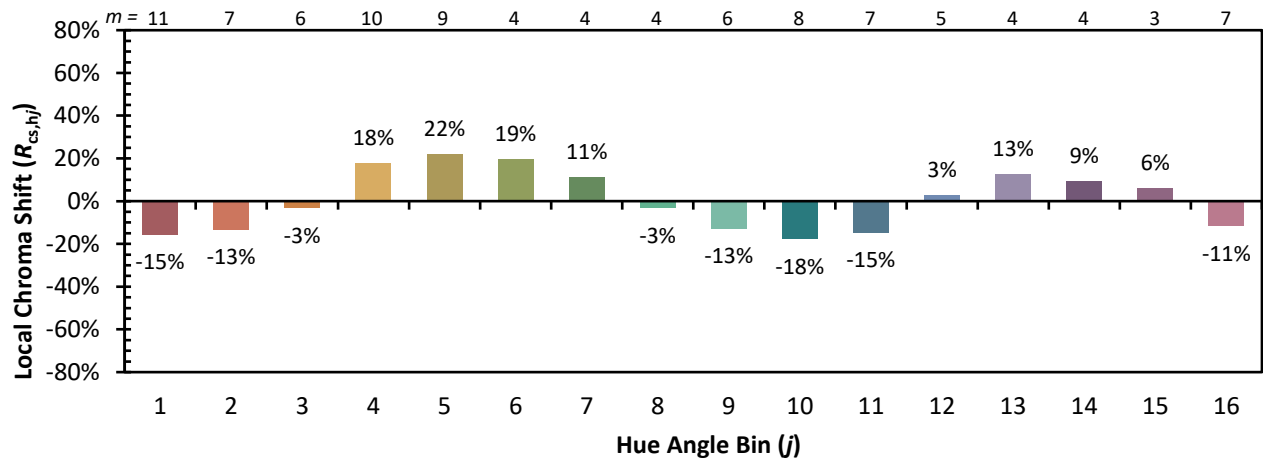
Color Vector Graphics



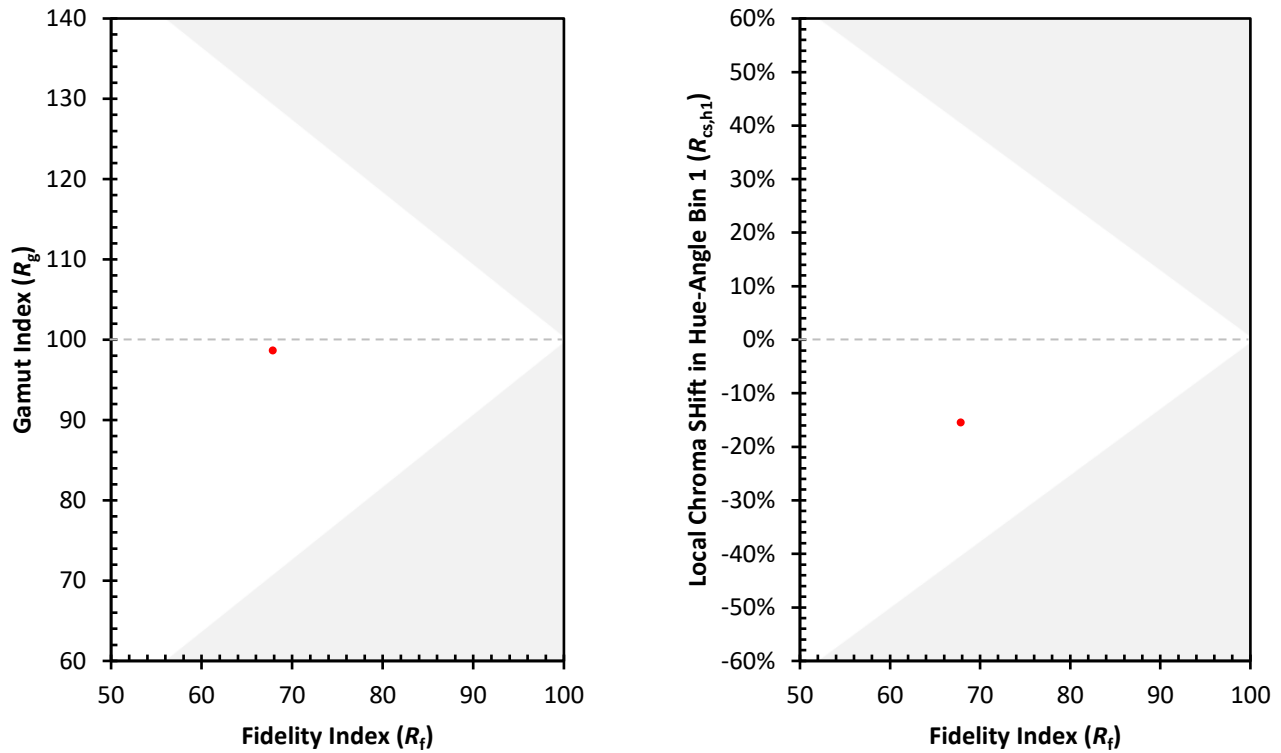
Individual Sample Fidelity Index ($R_{f,i}$)

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)