

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: McGRAW-EDISON

Report Number: P1047698

Luminaire Tested: **GALN-SA1B-727-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047698
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1B-727-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 1xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (14) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4133.9 lumens
Efficiency: N/A
Efficacy: 106.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 38.7
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

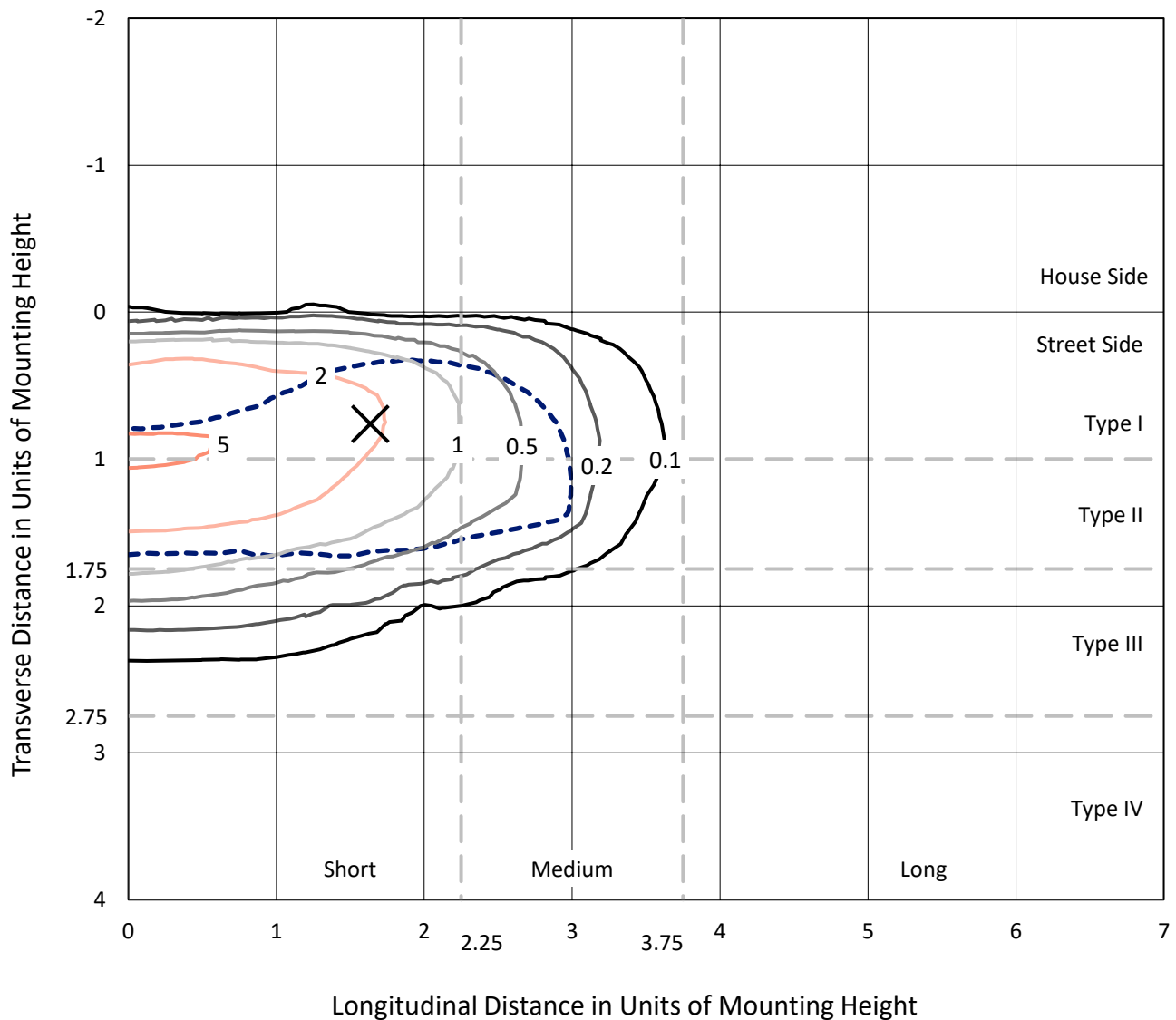


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

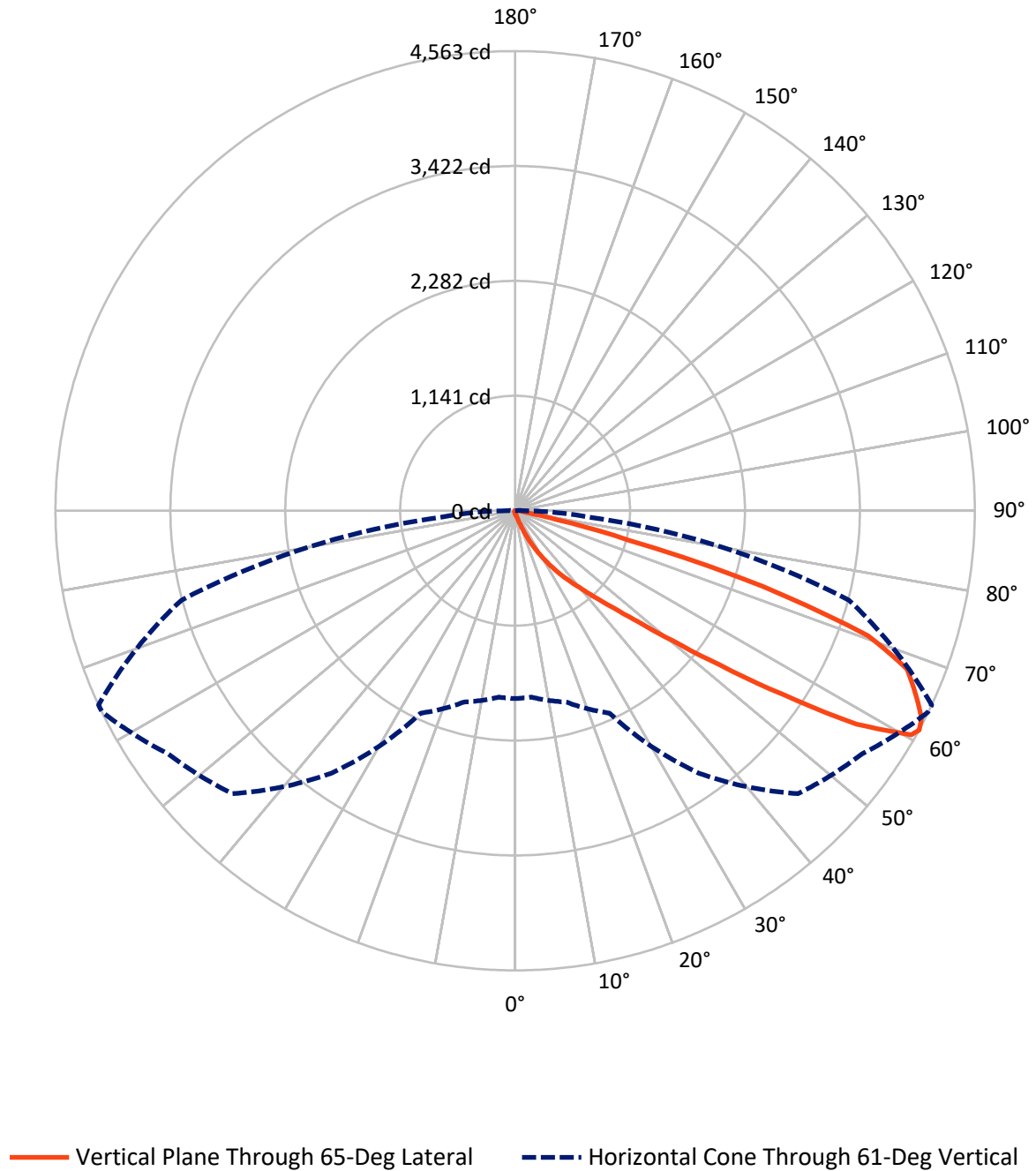


Based on 15 foot mounting height. Maximum calculated value = 5.5 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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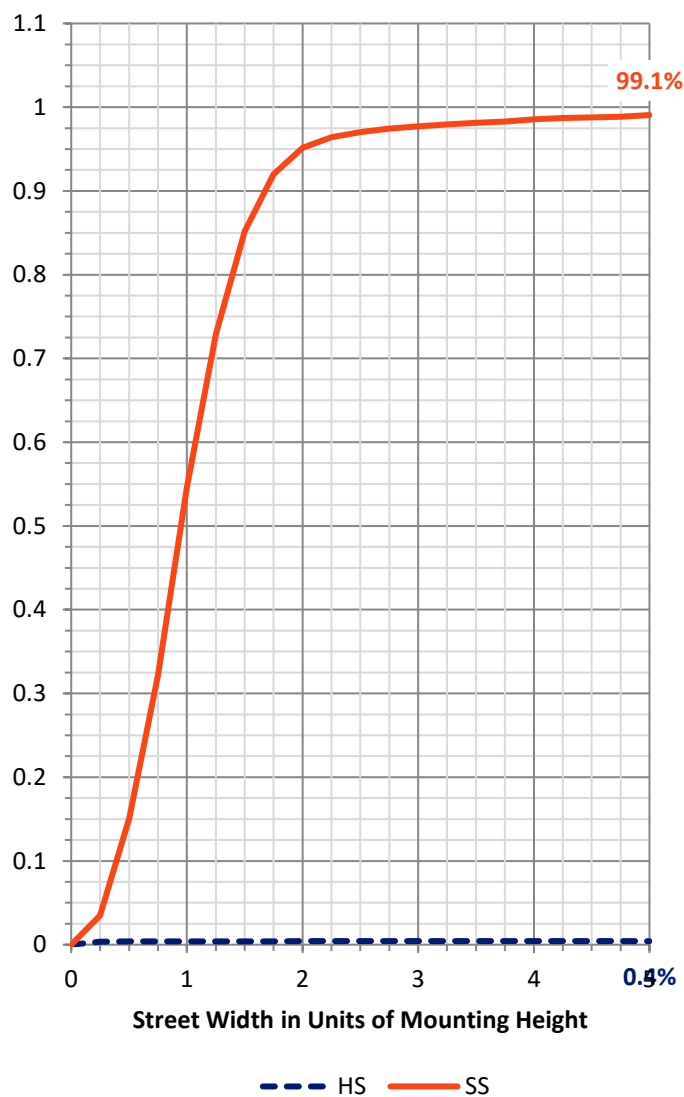
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	17.6	0.0	17.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	4116.2	0.0	4116.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	4133.9	0.0	4133.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.2	0.1
10°-20°	34.0	0.8
20°-30°	122.0	3.0
30°-40°	324.8	7.9
40°-50°	853.2	20.6
50°-60°	1321.8	32.0
60°-70°	1108.4	26.8
70°-80°	326.2	7.9
80°-90°	40.2	1.0
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°	4133.9	100.0
0°-180°	4133.9	100.0

Coefficient of Utilization



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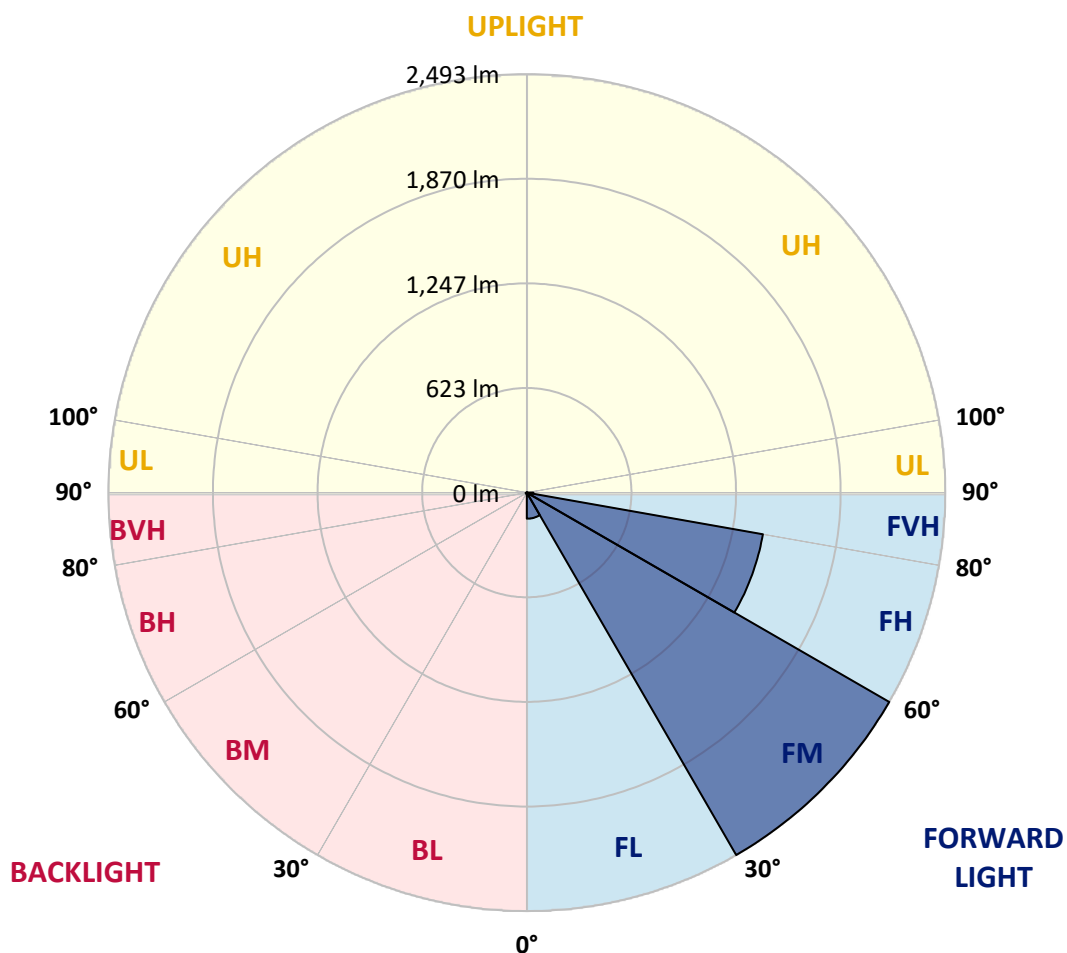
CATALOG NUMBER: GALN-SA1B-727-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	155.2	3.8			
FM	(30°-60°)	2493.2	60.3			
FH	(60°-80°)	1428.3	34.6			G1/1800
FVH	(80°-90°)	39.5	1.0			G1/100
BL	(0°-30°)	4.0	0.1	B0/110		
BM	(30°-60°)	6.7	0.2	B0/220		
BH	(60°-80°)	6.2	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-G1

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
2.5°	30.7	31.0	30.4	29.3	28.4	28.4	28.2	27.3	27.3	26.4	25.9
5°	42.9	42.4	41.2	39.0	37.0	35.0	33.0	31.0	30.7	28.2	26.4
7.5°	70.2	70.8	67.1	60.0	54.0	46.4	39.2	35.0	34.4	30.1	26.7
10°	154.1	149.9	141.3	113.7	93.6	70.5	52.3	40.7	40.1	32.4	27.3
12.5°	281.0	277.5	261.9	233.5	181.4	126.3	76.5	50.3	48.6	34.4	27.6
15°	404.9	399.5	391.0	362.3	301.4	226.4	125.1	68.8	64.3	37.3	27.3
17.5°	484.0	484.8	477.2	464.9	425.7	335.0	216.1	102.7	93.8	42.4	26.7
20°	553.1	551.1	555.4	548.8	521.2	455.3	314.5	162.7	147.6	50.6	27.0
22.5°	632.7	637.5	640.7	639.3	608.8	552.5	426.3	243.4	224.4	65.7	27.9
25°	739.3	738.8	739.1	735.4	705.8	643.2	538.3	343.8	324.5	90.1	29.9
27.5°	851.1	854.5	855.9	842.6	803.9	742.5	642.1	453.6	430.8	129.4	32.4
30°	1003.8	1001.0	994.4	967.1	920.2	844.0	744.5	568.7	544.8	184.3	36.4
32.5°	1209.7	1206.6	1173.6	1113.3	1043.1	949.8	847.4	684.2	655.2	252.8	41.8
35°	1548.9	1553.8	1472.7	1316.6	1190.6	1076.9	961.4	799.1	773.5	337.3	49.2
37.5°	2068.5	2042.0	1932.0	1656.1	1384.9	1235.6	1070.3	915.1	892.9	441.3	58.9
40°	2573.2	2547.1	2515.2	2253.9	1722.4	1410.4	1222.8	1051.3	1022.6	558.8	73.1
42.5°	3103.8	3089.3	3087.9	2890.9	2338.3	1685.4	1406.2	1210.8	1186.4	687.6	96.4
45°	3479.8	3465.3	3495.7	3530.1	3177.2	2274.6	1725.5	1418.1	1382.6	844.0	133.7
47.5°	3530.4	3531.0	3612.3	3720.1	3800.5	3186.0	2150.9	1692.8	1649.6	1067.8	196.2
50°	3362.0	3368.6	3498.0	3690.8	3907.5	3950.7	2901.1	2091.5	2027.5	1333.1	284.9
52.5°	3041.6	3049.0	3229.2	3546.3	3809.1	4134.4	3784.3	2613.0	2539.4	1664.1	410.1
55°	2752.9	2757.5	2964.2	3364.9	3690.5	4034.6	4308.7	3309.4	3212.8	2071.3	533.5
57.5°	2467.1	2456.6	2591.1	3049.8	3670.3	3912.0	4386.0	4103.1	3996.5	2516.3	629.6
60°	2085.0	2067.3	2175.4	2467.1	3404.7	3992.5	4241.3	4542.2	4518.0	3136.0	703.8
61°	1865.1	1857.8	1966.4	2216.6	3181.2	3972.0	4206.6	4560.6	4563.2	3429.2	737.1
62.5°	1332.0	1353.0	1519.1	1844.4	2664.5	3839.2	4211.2	4503.5	4528.8	3818.7	823.2
65°	592.0	625.9	755.0	1019.7	1549.5	3193.7	4170.8	4378.1	4365.6	3925.7	1120.1
67.5°	351.2	356.3	420.6	577.8	820.7	1717.8	3680.5	4212.3	4195.5	3417.5	1393.7
70°	276.7	279.2	299.7	362.6	476.3	658.0	2100.6	3644.4	3717.5	2771.1	1364.4
72.5°	262.5	261.9	264.7	275.8	300.0	326.5	813.3	2422.5	2571.2	1995.7	1144.0
75°	259.1	257.9	255.1	250.8	217.3	192.2	251.9	1071.5	1157.6	1363.5	861.3
77.5°	251.4	251.7	252.2	240.6	186.3	135.9	122.0	343.8	422.9	865.3	612.2
80°	170.1	172.6	176.9	172.3	167.5	98.4	86.2	122.3	124.0	485.7	404.4
82.5°	86.2	86.2	84.2	75.1	64.8	64.0	68.5	88.7	89.9	245.7	190.2
85°	52.0	54.9	56.0	50.9	46.6	42.9	52.3	70.5	73.1	95.3	44.4
87.5°	11.7	11.9	13.1	17.3	25.3	34.4	48.6	64.6	65.7	61.1	5.4
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°	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
2.5°	25.6	25.0	24.7	23.9	23.0	22.2	21.6	21.3	21.6	21.9	21.9
5°	25.3	24.5	23.0	21.6	20.5	19.3	18.2	17.9	17.9	18.2	18.2
7.5°	25.3	23.9	21.9	20.2	18.5	16.8	15.9	15.4	15.6	15.6	15.6
10°	25.3	23.6	21.0	18.5	16.5	14.5	13.1	12.5	12.5	12.5	12.5
12.5°	25.0	23.3	20.2	17.1	14.2	11.9	10.2	9.4	9.7	9.7	9.7
15°	24.5	22.5	19.1	14.5	11.4	9.1	7.4	6.5	6.8	7.4	7.7
17.5°	23.6	21.6	17.1	12.2	9.1	6.8	5.1	4.5	4.8	5.7	5.7
20°	23.3	20.8	15.1	10.0	6.8	4.8	3.4	2.8	3.1	4.3	4.5
22.5°	23.3	20.2	13.6	8.2	5.1	3.1	2.0	1.1	1.1	2.0	2.0
25°	23.6	19.9	12.5	6.8	3.7	2.3	1.1	0.6	1.1	3.1	3.7
27.5°	24.2	19.6	11.9	5.7	2.8	2.0	0.9	2.0	3.4	3.4	3.4
30°	24.7	19.1	11.1	4.8	2.6	1.4	1.4	2.8	2.8	3.4	3.7
32.5°	25.6	18.8	10.5	4.3	2.0	1.1	2.0	1.7	1.7	2.0	2.3
35°	27.3	19.1	10.0	4.3	2.0	1.4	1.7	0.9	0.6	0.6	0.6
37.5°	29.6	19.3	9.1	3.7	1.7	1.7	0.9	0.0	0.0	0.0	0.0
40°	33.3	20.2	8.5	3.4	1.4	1.4	0.3	0.0	0.0	0.0	0.0
42.5°	39.5	21.9	8.2	3.1	1.4	1.1	0.0	0.0	0.0	0.0	0.0
45°	52.0	25.9	7.7	2.8	1.4	0.6	0.0	0.0	0.0	0.0	0.0
47.5°	74.8	35.3	7.4	2.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0
50°	109.2	47.8	7.1	2.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	139.3	50.3	4.8	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	142.8	34.7	3.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	113.7	22.5	3.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	86.2	17.1	2.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	82.8	15.4	2.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	91.3	13.4	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	148.4	11.1	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	257.9	9.7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	325.9	9.1	1.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	284.1	8.2	1.7	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
75°	170.9	7.1	1.7	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	89.6	5.4	1.7	1.4	0.9	0.3	0.0	0.0	0.0	0.0	0.0
80°	43.5	4.8	2.0	1.4	1.1	0.6	0.0	0.0	0.0	0.0	0.0
82.5°	17.1	4.0	2.3	2.0	1.4	0.9	0.3	0.0	0.0	0.0	0.0
85°	7.7	3.4	2.6	2.3	2.0	1.1	0.3	0.0	0.0	0.0	0.0
87.5°	4.0	3.1	2.8	2.6	2.0	1.4	0.6	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

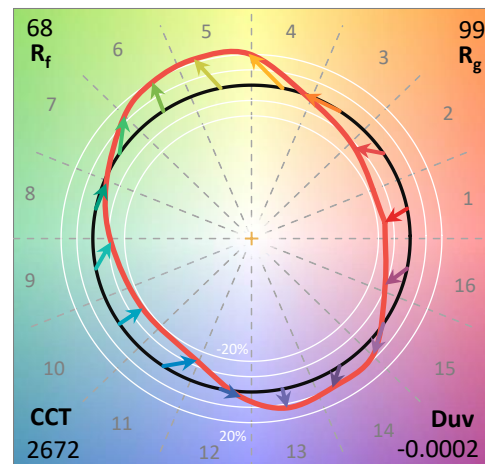
Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

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

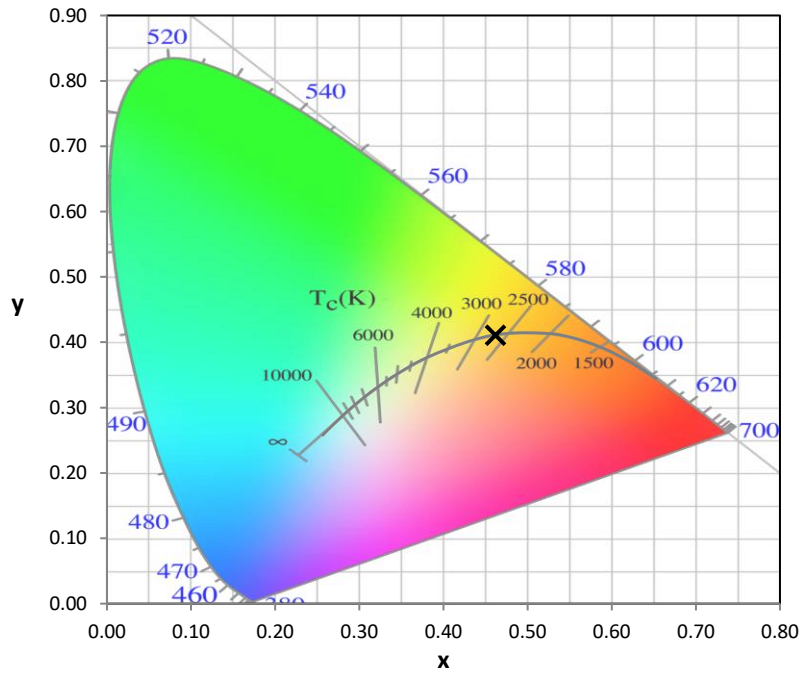
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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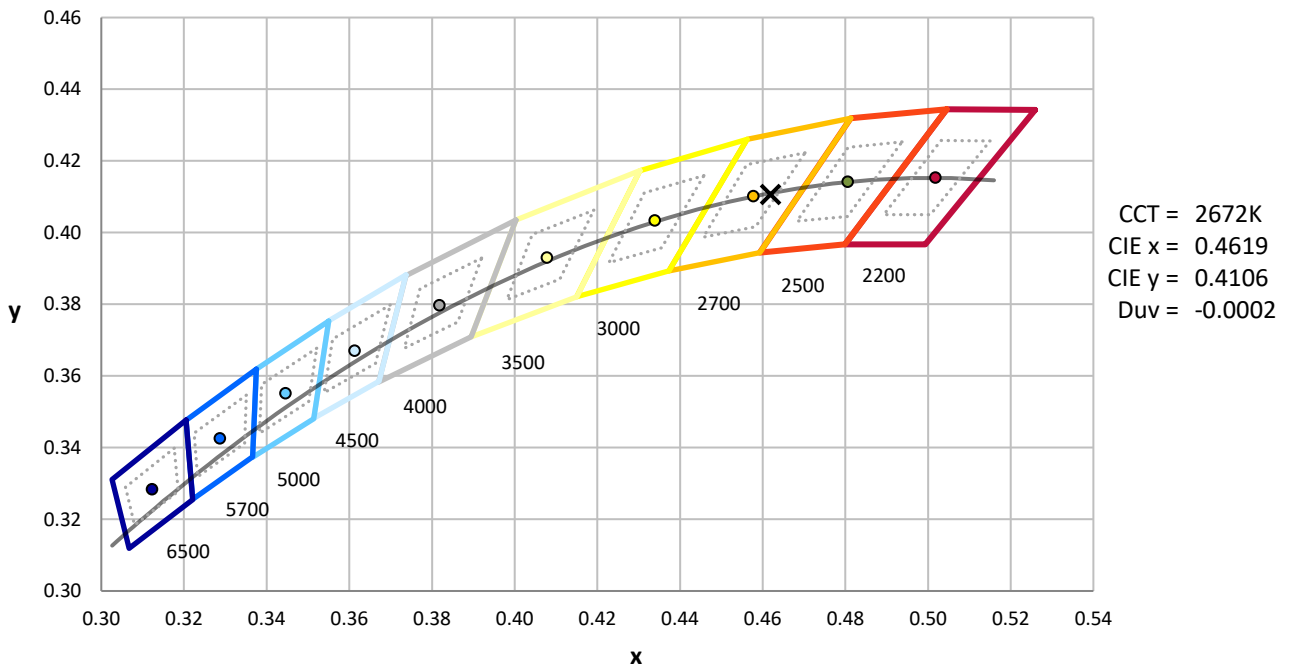
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



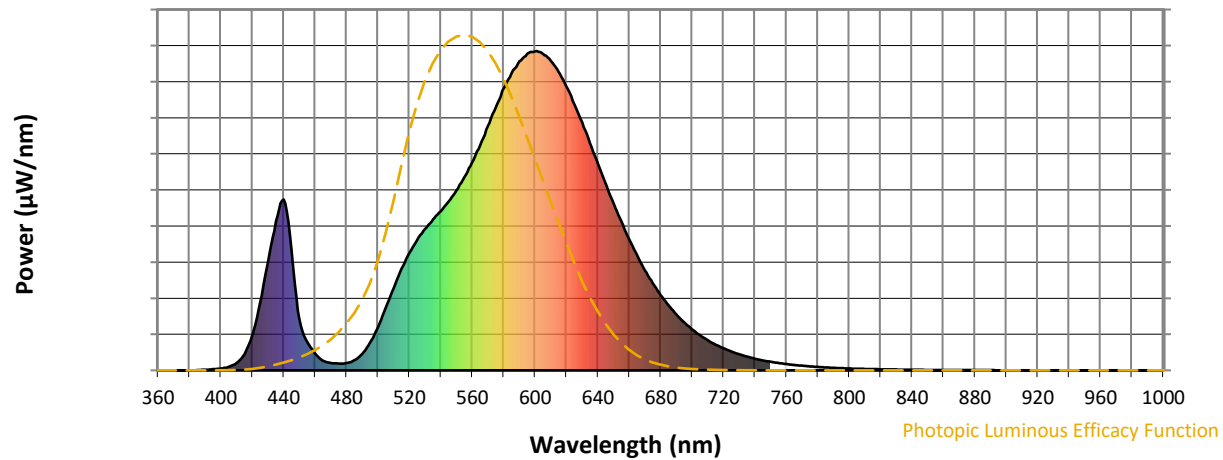
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

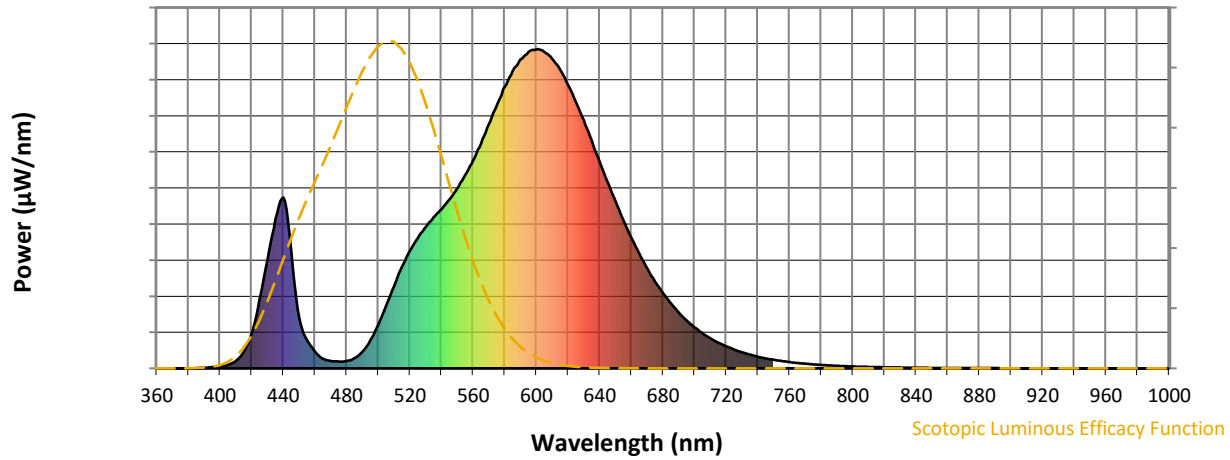


Photopic Lumens: NR

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



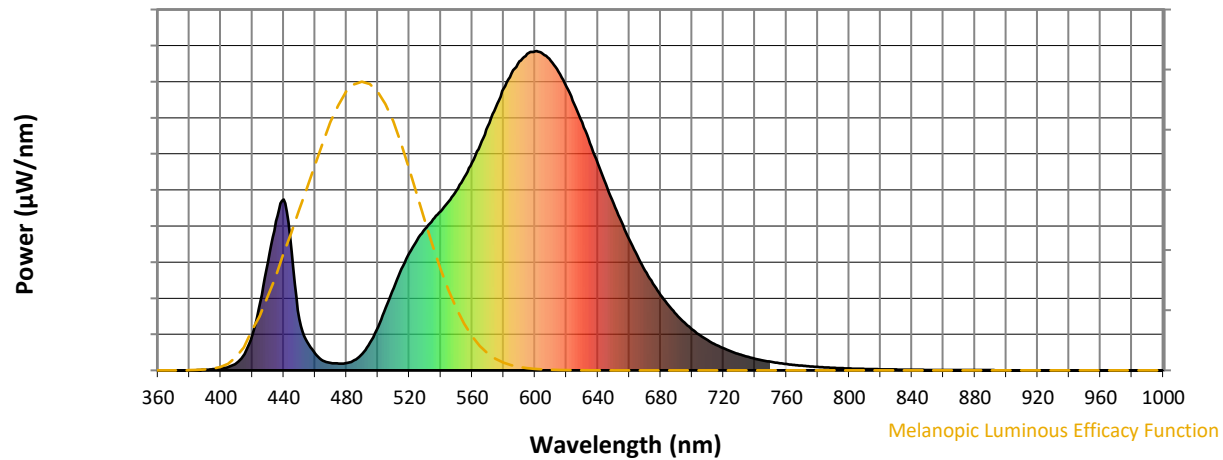
Scotopic Lumens: NR

S/P: 1.02

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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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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			

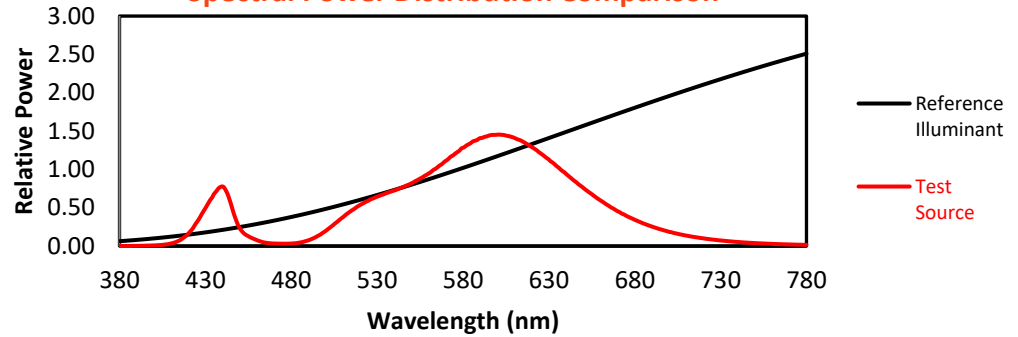
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TM-30-18

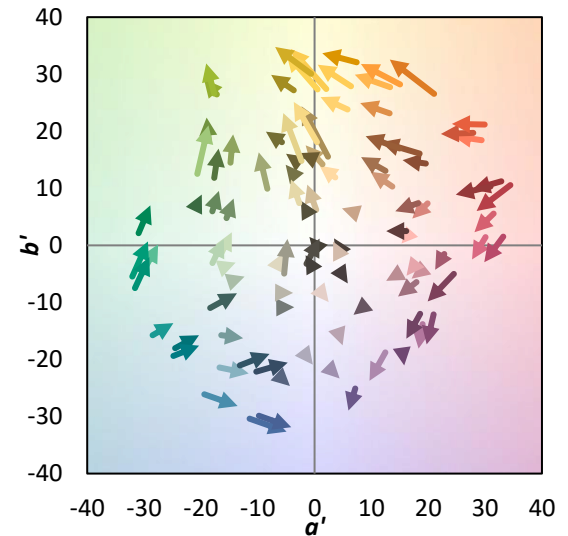
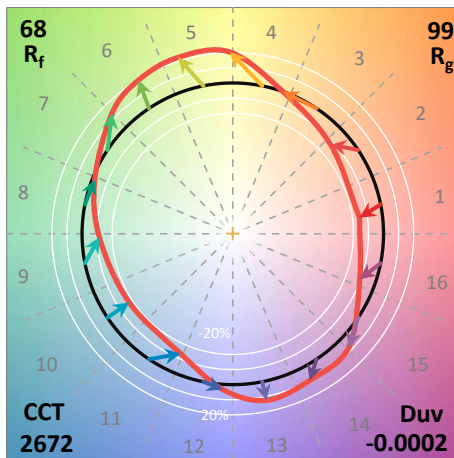
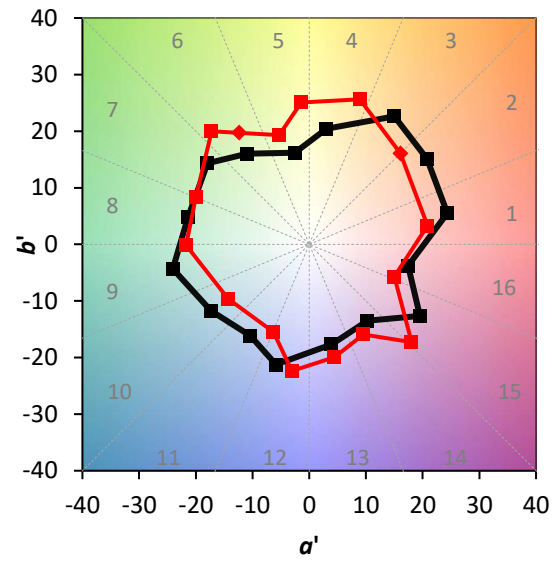
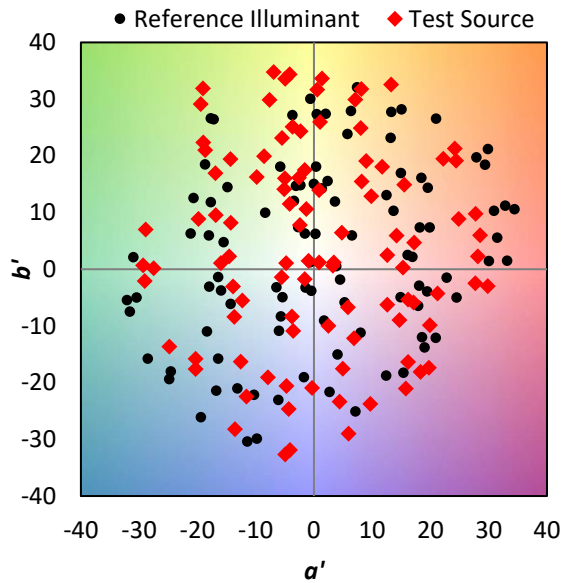
Summary

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

Spectral Power Distribution Comparison

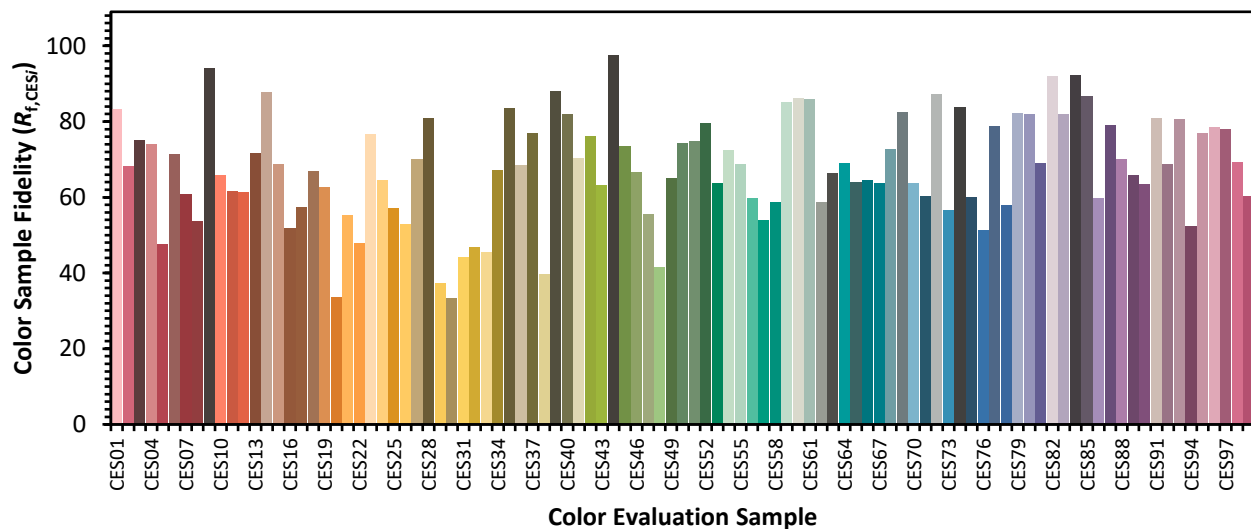


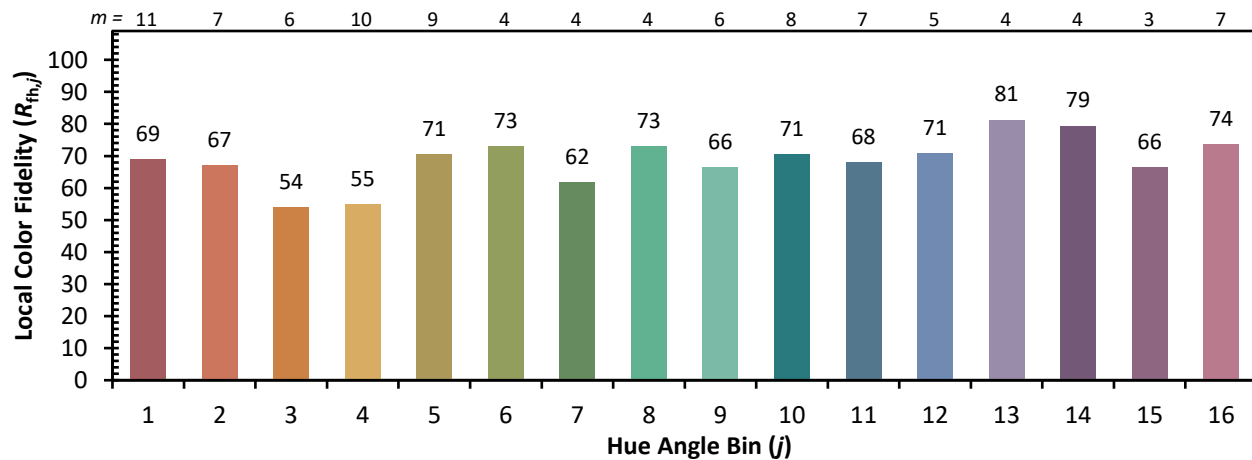
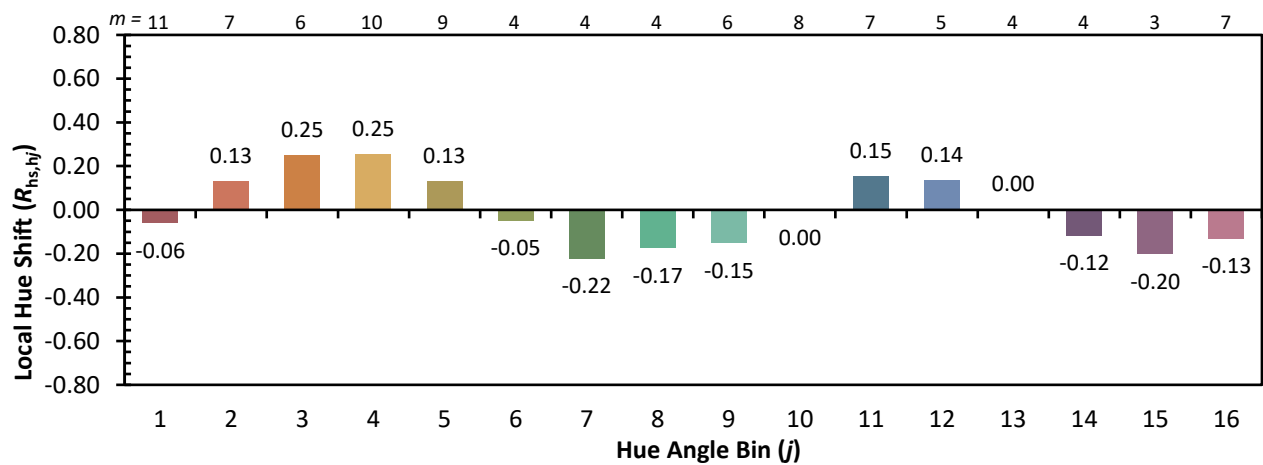
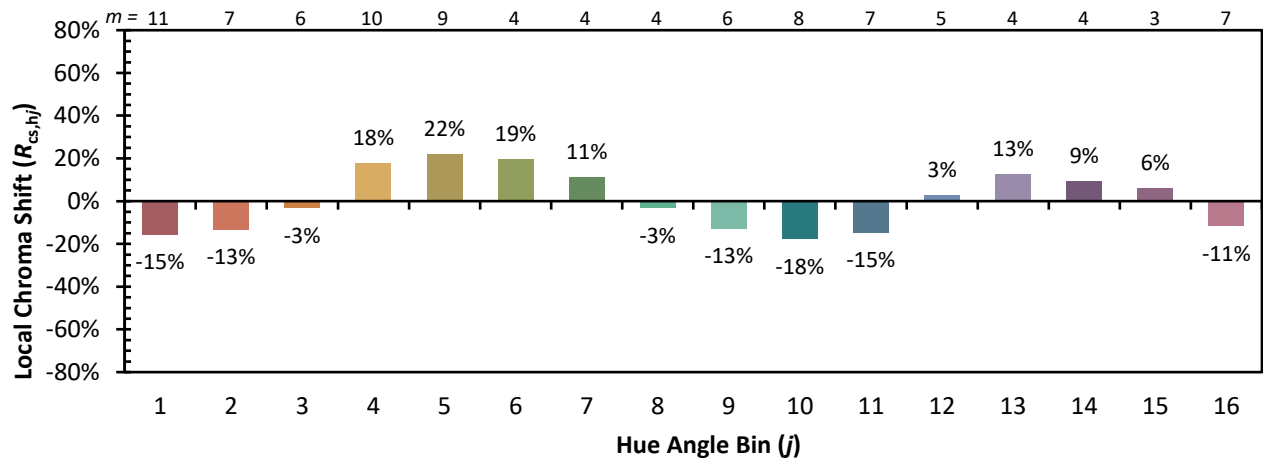
Color Vector Graphics



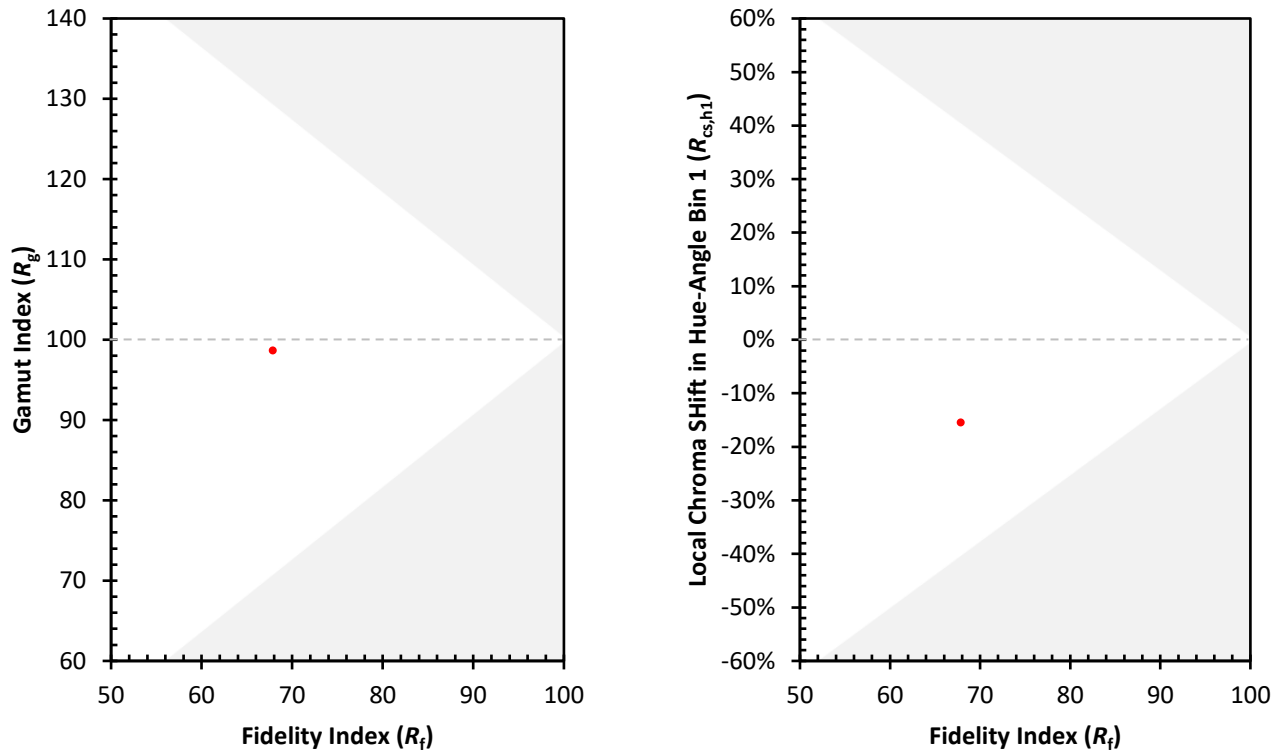
Individual Sample Fidelity Index ($R_{f,i}$)

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)