

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: P1047709

Luminaire Tested: **GALN-SA4A-727-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047709
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4A-727-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 4xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (56) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13211 lumens
Efficiency: N/A
Efficacy: 123.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 107.4
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



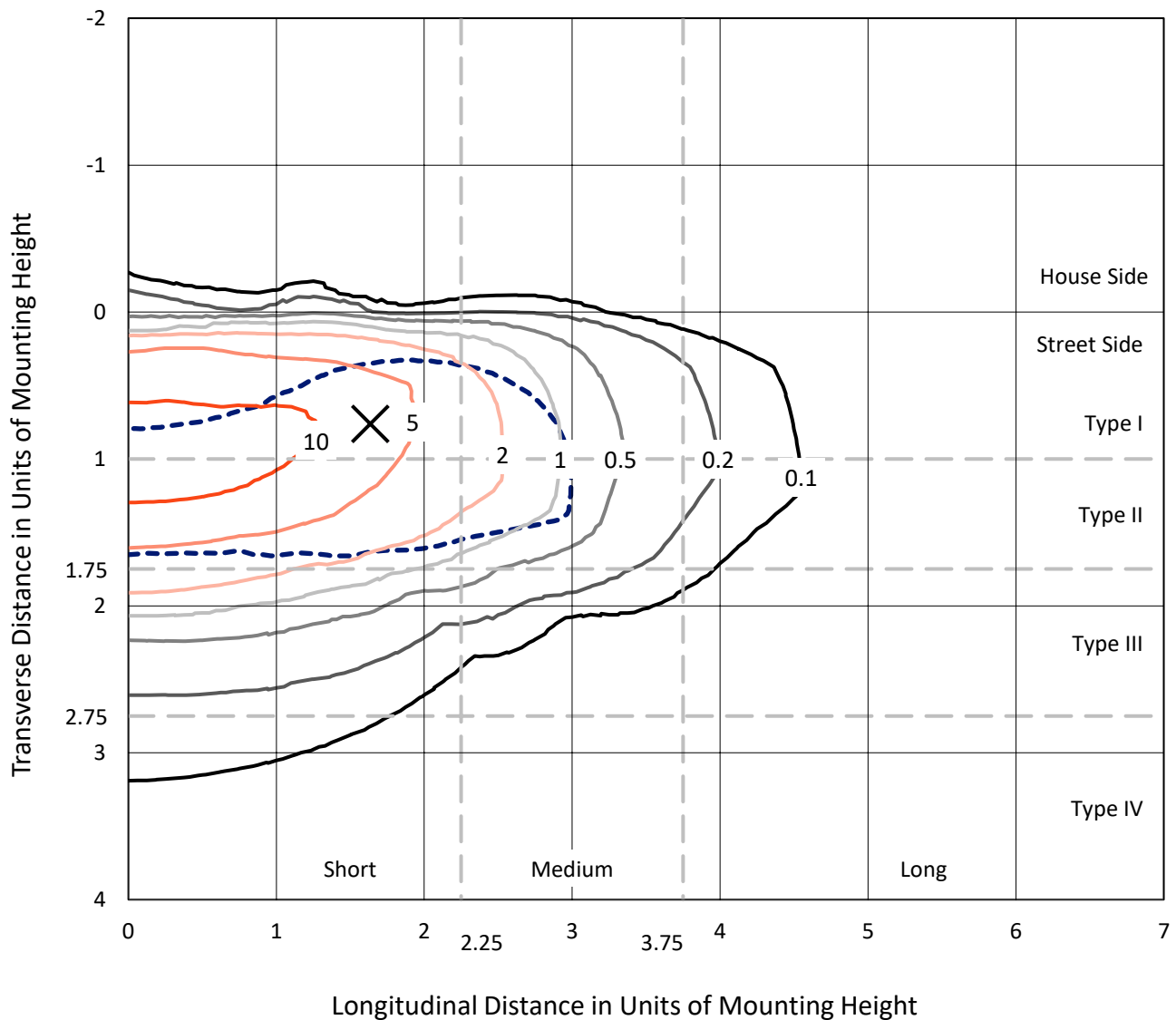
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

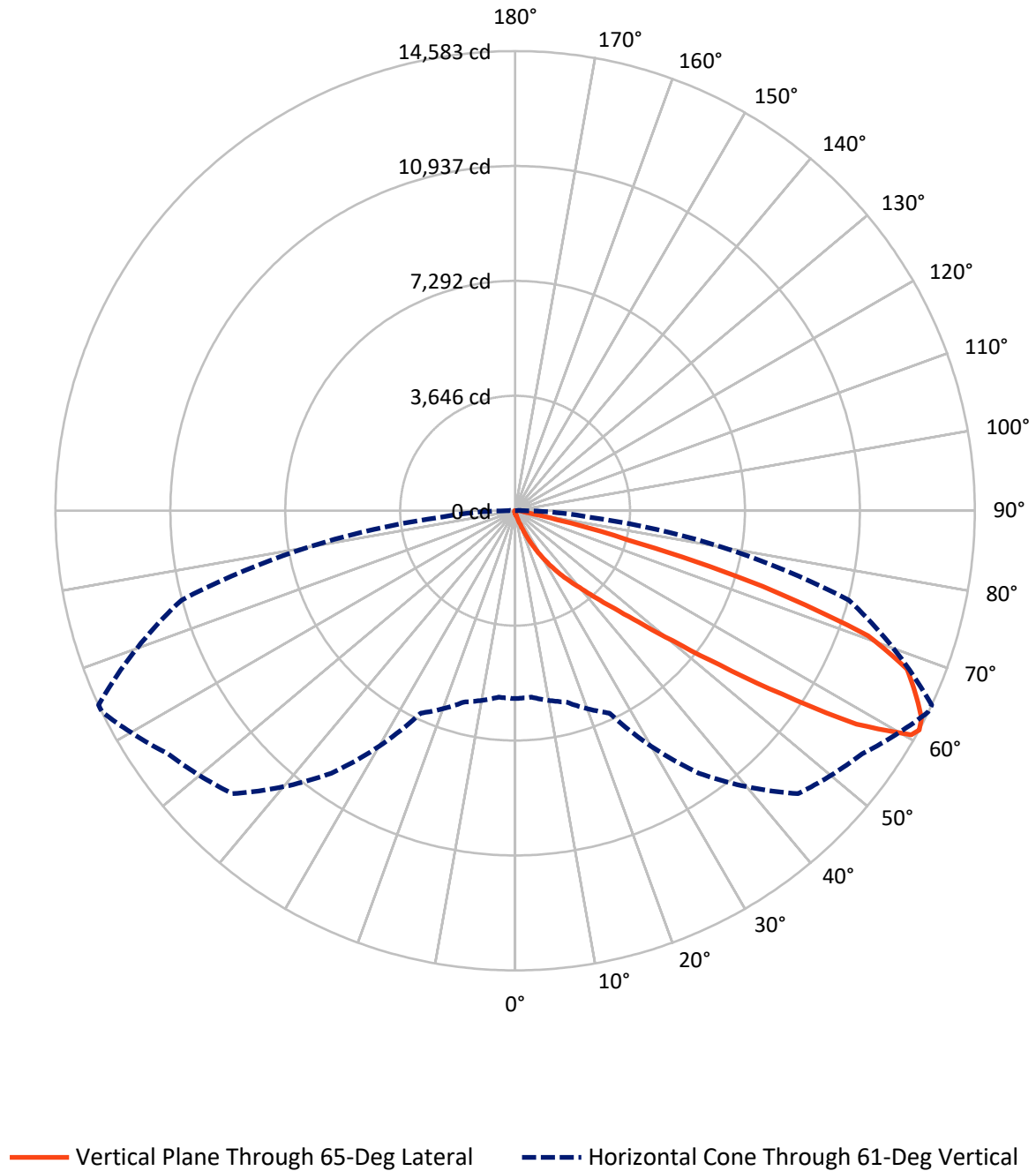


Based on 15 foot mounting height. Maximum calculated value = 17.5 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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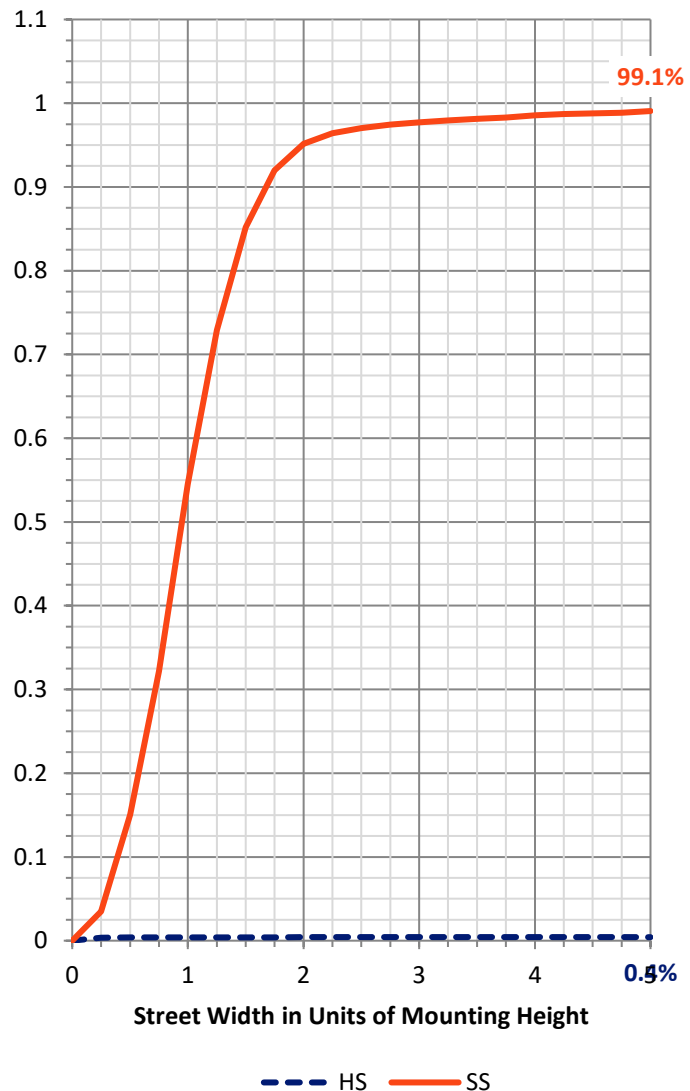
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	56.4	0.0	56.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	13154.7	0.0	13154.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	13211.0	0.0	13211.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.3	0.1
10°-20°	108.6	0.8
20°-30°	389.9	3.0
30°-40°	1038.0	7.9
40°-50°	2726.8	20.6
50°-60°	4224.4	32.0
60°-70°	3542.1	26.8
70°-80°	1042.4	7.9
80°-90°	128.6	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°	13211.0	100.0
0°-180°	13211.0	100.0



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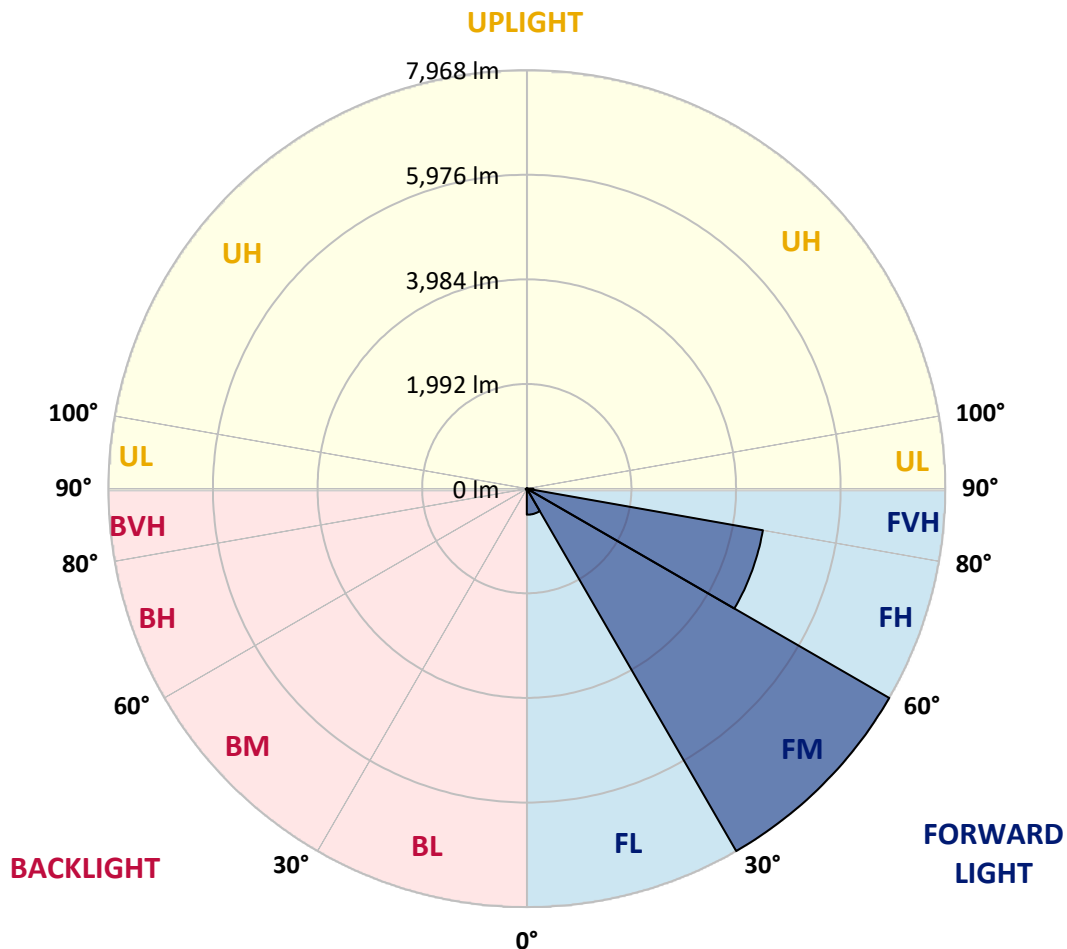
CATALOG NUMBER: GALN-SA4A-727-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	496.1	3.8			
FM	(30°-60°)	7967.8	60.3			
FH	(60°-80°)	4564.6	34.6			G2/5000
FVH	(80°-90°)	126.2	1.0			G2/225
BL	(0°-30°)	12.7	0.1	B0/110		
BM	(30°-60°)	21.5	0.2	B0/220		
BH	(60°-80°)	19.9	0.2	B0/110		G0/110
BVH	(80°-90°)	2.4	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
2.5°	98.1	99.1	97.2	93.6	90.9	90.9	90.0	87.2	87.2	84.5	82.7
5°	137.2	135.4	131.8	124.5	118.1	111.8	105.4	99.1	98.1	90.0	84.5
7.5°	224.5	226.3	214.5	191.8	172.7	148.1	125.4	111.8	110.0	96.3	85.4
10°	492.6	478.9	451.7	363.5	299.0	225.4	167.2	130.0	128.1	103.6	87.2
12.5°	897.9	887.0	837.0	746.1	579.8	403.5	244.5	160.9	155.4	110.0	88.2
15°	1294.1	1276.8	1249.6	1157.8	963.3	723.4	399.9	219.9	205.4	119.0	87.2
17.5°	1546.7	1549.5	1524.9	1485.9	1360.4	1070.5	690.7	328.1	299.9	135.4	85.4
20°	1767.6	1761.2	1774.8	1753.9	1665.8	1455.0	1005.1	519.8	471.7	161.8	86.3
22.5°	2022.0	2037.5	2047.5	2042.9	1945.7	1765.8	1362.3	777.9	717.0	209.9	89.1
25°	2362.8	2361.0	2361.9	2350.1	2255.6	2055.7	1720.3	1098.7	1036.9	288.1	95.4
27.5°	2720.0	2730.9	2735.4	2692.7	2569.1	2372.8	2052.0	1449.5	1376.8	413.5	103.6
30°	3208.0	3198.9	3178.0	3090.8	2940.8	2697.3	2379.2	1817.6	1741.2	588.9	116.3
32.5°	3865.9	3855.9	3750.5	3557.9	3333.4	3035.3	2708.2	2186.5	2093.8	807.9	133.6
35°	4950.1	4965.6	4706.6	4207.6	3805.1	3441.5	3072.6	2553.7	2471.9	1077.8	157.2
37.5°	6610.4	6525.9	6174.2	5292.7	4425.7	3948.6	3420.6	2924.4	2853.6	1410.4	188.1
40°	8223.5	8139.9	8038.1	7203.0	5504.5	4507.5	3907.7	3359.8	3268.0	1785.7	233.6
42.5°	9919.3	9873.0	9868.4	9238.6	7472.9	5386.3	4493.9	3869.6	3791.4	2197.4	308.1
45°	11120.7	11074.4	11171.6	11281.6	10153.8	7269.3	5514.5	4532.1	4418.5	2697.3	427.1
47.5°	11282.5	11284.3	11544.2	11888.6	12145.8	10181.9	6874.0	5410.0	5271.8	3412.5	627.1
50°	10744.5	10765.4	11178.9	11795.0	12487.5	12625.6	9271.3	6684.1	6479.6	4260.3	910.6
52.5°	9720.3	9743.9	10320.1	11333.4	12173.1	13212.7	12094.0	8350.8	8115.4	5318.2	1310.5
55°	8797.9	8812.4	9473.1	10753.6	11794.1	12893.7	13769.8	10576.4	10267.4	6619.5	1704.9
57.5°	7884.6	7850.9	8280.8	9746.6	11729.6	12502.1	14017.0	13112.8	12772.0	8041.8	2012.0
60°	6663.2	6606.8	6952.1	7884.6	10880.8	12759.2	13554.4	14515.9	14438.7	10022.0	2249.2
61°	5960.7	5937.0	6284.2	7083.9	10166.5	12693.8	13443.5	14575.0	14583.2	10958.9	2355.6
62.5°	4256.7	4324.0	4854.7	5894.3	8515.2	12269.4	13458.1	14392.3	14473.2	12204.0	2630.9
65°	1892.1	2000.2	2412.8	3258.9	4951.9	10206.5	13329.0	13991.5	13951.6	12545.7	3579.7
67.5°	1122.3	1138.7	1344.1	1846.6	2622.7	5489.9	11762.3	13461.7	13408.1	10921.7	4453.9
70°	884.2	892.4	957.9	1158.7	1522.2	2102.9	6713.1	11646.9	11880.4	8856.0	4360.3
72.5°	838.8	837.0	846.1	881.5	958.8	1043.3	2599.1	7741.9	8217.2	6377.8	3656.0
75°	827.9	824.3	815.2	801.5	694.3	614.3	805.2	3424.3	3699.6	4357.6	2752.7
77.5°	803.4	804.3	806.1	768.8	595.2	434.4	389.9	1098.7	1351.4	2765.4	1956.6
80°	543.4	551.6	565.3	550.7	535.3	314.4	275.4	390.8	396.2	1552.2	1292.3
82.5°	275.4	275.4	269.0	239.9	207.2	204.5	219.0	283.5	287.2	785.2	608.0
85°	166.3	175.4	179.0	162.7	149.0	137.2	167.2	225.4	233.6	304.4	141.8
87.5°	37.3	38.2	41.8	55.4	80.9	110.0	155.4	206.3	209.9	195.4	17.3
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: GALN-SA4A-727-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
2.5°	81.8	80.0	79.1	76.3	73.6	70.9	69.1	68.2	69.1	70.0	70.0
5°	80.9	78.2	73.6	69.1	65.4	61.8	58.2	57.3	57.3	58.2	58.2
7.5°	80.9	76.3	70.0	64.5	59.1	53.6	50.9	49.1	50.0	50.0	50.0
10°	80.9	75.4	67.2	59.1	52.7	46.3	41.8	40.0	40.0	40.0	40.0
12.5°	80.0	74.5	64.5	54.5	45.4	38.2	32.7	30.0	30.9	30.9	30.9
15°	78.2	71.8	60.9	46.3	36.4	29.1	23.6	20.9	21.8	23.6	24.5
17.5°	75.4	69.1	54.5	39.1	29.1	21.8	16.4	14.5	15.4	18.2	18.2
20°	74.5	66.3	48.2	31.8	21.8	15.4	10.9	9.1	10.0	13.6	14.5
22.5°	74.5	64.5	43.6	26.4	16.4	10.0	6.4	3.6	3.6	6.4	6.4
25°	75.4	63.6	40.0	21.8	11.8	7.3	3.6	1.8	3.6	10.0	11.8
27.5°	77.2	62.7	38.2	18.2	9.1	6.4	2.7	6.4	10.9	10.9	10.9
30°	79.1	60.9	35.4	15.4	8.2	4.5	4.5	9.1	9.1	10.9	11.8
32.5°	81.8	60.0	33.6	13.6	6.4	3.6	6.4	5.5	5.5	6.4	7.3
35°	87.2	60.9	31.8	13.6	6.4	4.5	5.5	2.7	1.8	1.8	1.8
37.5°	94.5	61.8	29.1	11.8	5.5	5.5	2.7	0.0	0.0	0.0	0.0
40°	106.3	64.5	27.3	10.9	4.5	4.5	0.9	0.0	0.0	0.0	0.0
42.5°	126.3	70.0	26.4	10.0	4.5	3.6	0.0	0.0	0.0	0.0	0.0
45°	166.3	82.7	24.5	9.1	4.5	1.8	0.0	0.0	0.0	0.0	0.0
47.5°	239.0	112.7	23.6	7.3	2.7	0.0	0.0	0.0	0.0	0.0	0.0
50°	349.0	152.7	22.7	6.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	445.3	160.9	15.4	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	456.2	110.9	11.8	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	363.5	71.8	10.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	275.4	54.5	9.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	264.5	49.1	9.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	291.7	42.7	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	474.4	35.4	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	824.3	30.9	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1041.5	29.1	5.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	907.9	26.4	5.5	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0
75°	546.2	22.7	5.5	3.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	286.3	17.3	5.5	4.5	2.7	0.9	0.0	0.0	0.0	0.0	0.0
80°	139.0	15.4	6.4	4.5	3.6	1.8	0.0	0.0	0.0	0.0	0.0
82.5°	54.5	12.7	7.3	6.4	4.5	2.7	0.9	0.0	0.0	0.0	0.0
85°	24.5	10.9	8.2	7.3	6.4	3.6	0.9	0.0	0.0	0.0	0.0
87.5°	12.7	10.0	9.1	8.2	6.4	4.5	1.8	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

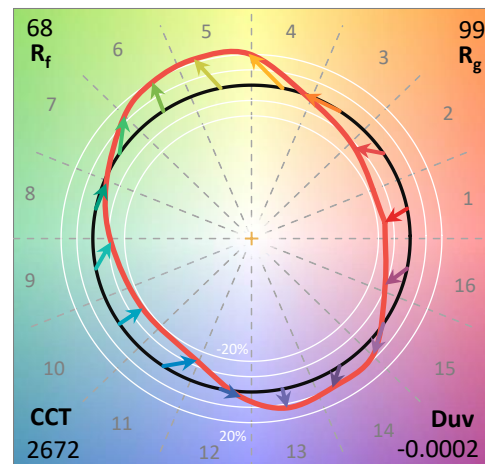
Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

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

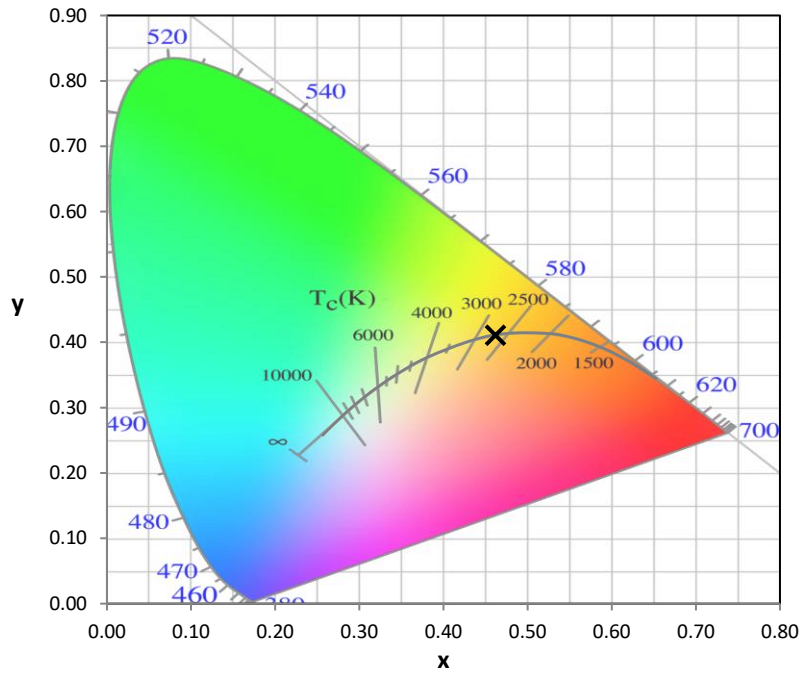
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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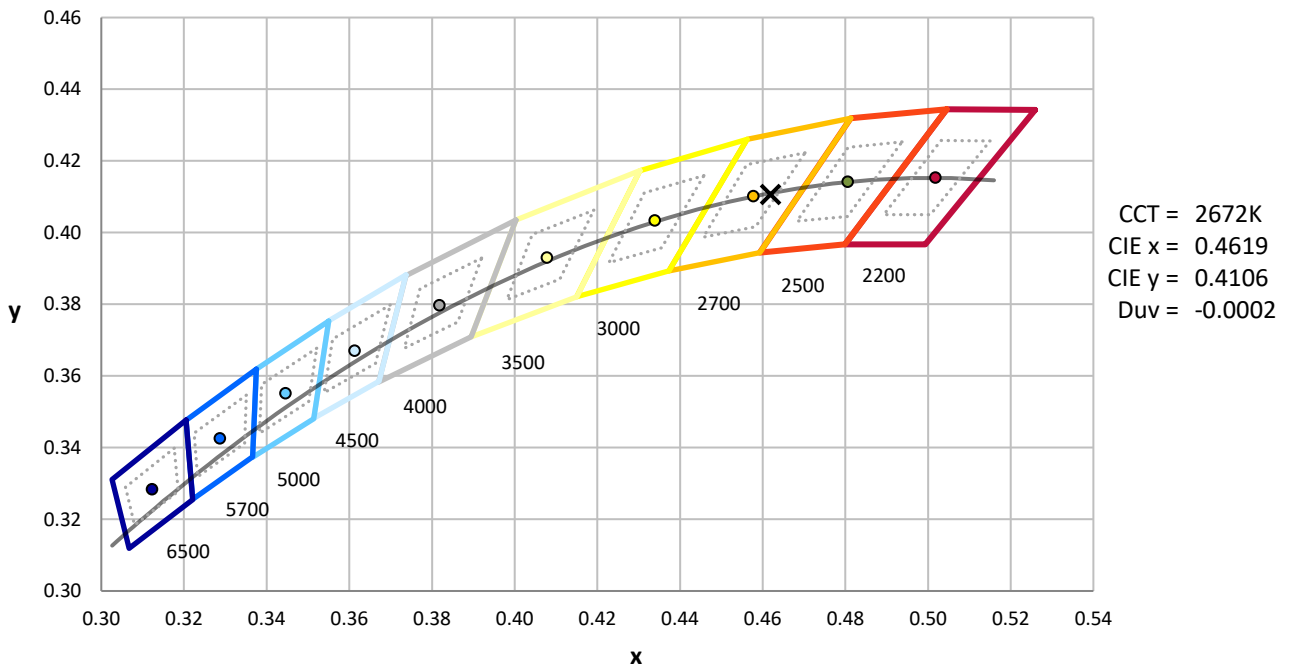
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram

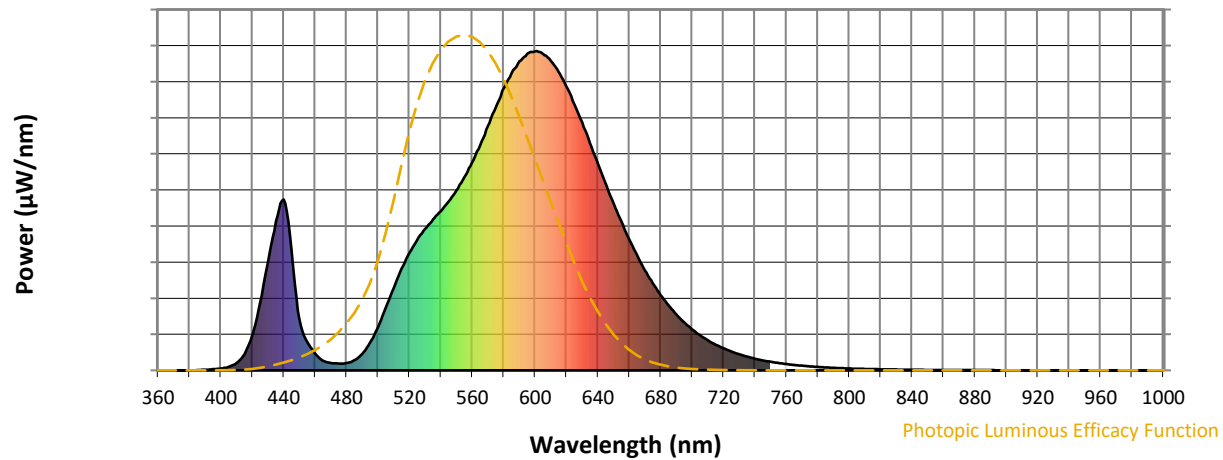


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



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Photopic Flux vs. Wavelength

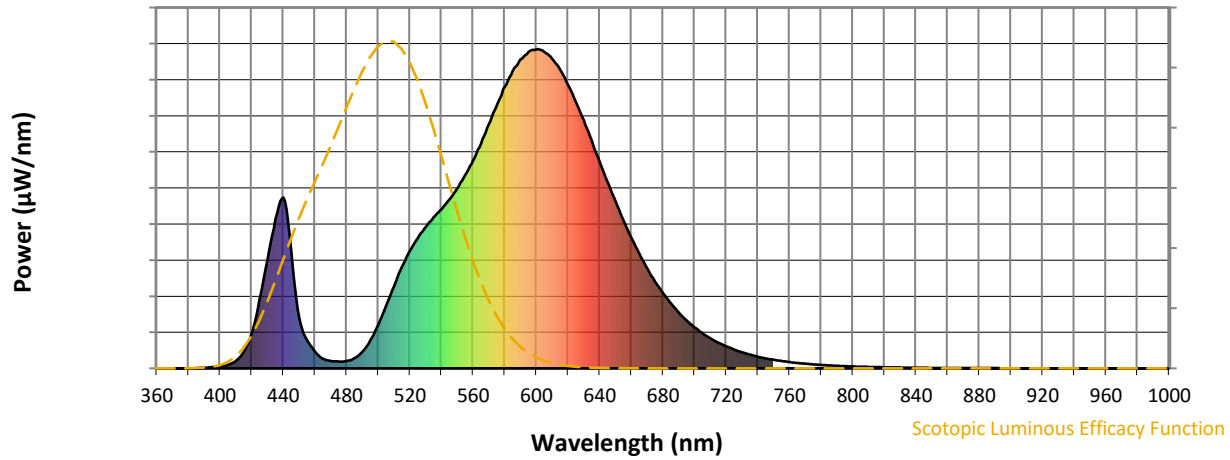


Photopic Lumens: NR

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	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



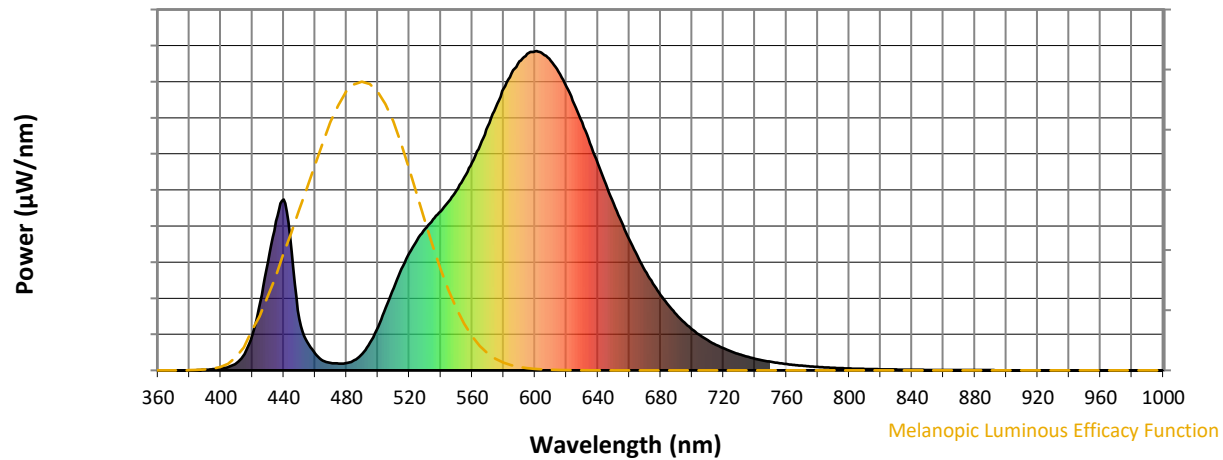
Scotopic Lumens: NR

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 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	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			

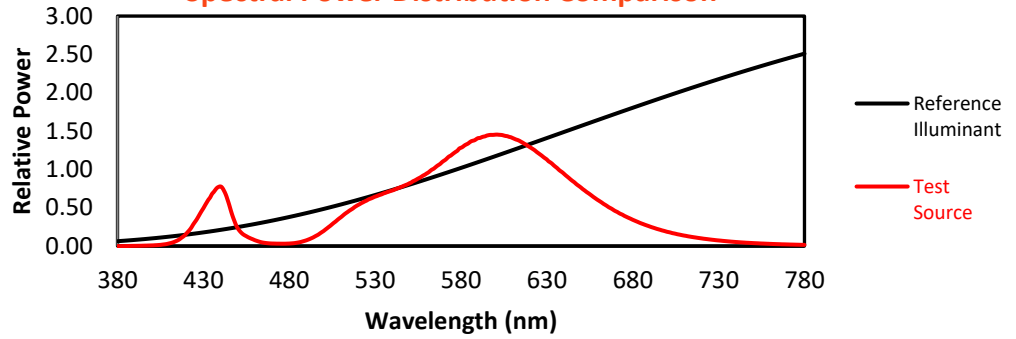
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TM-30-18

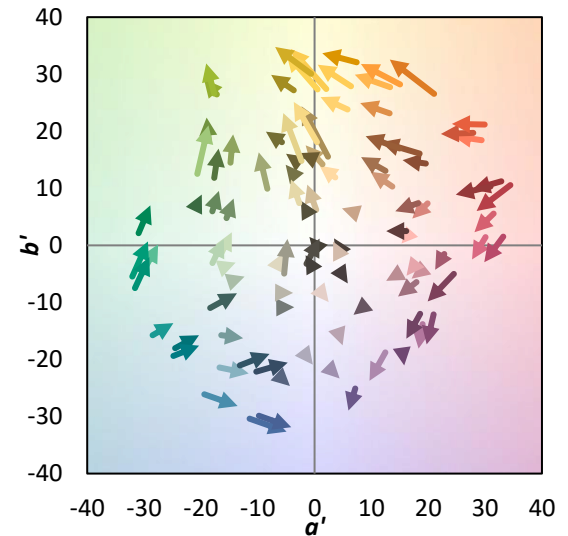
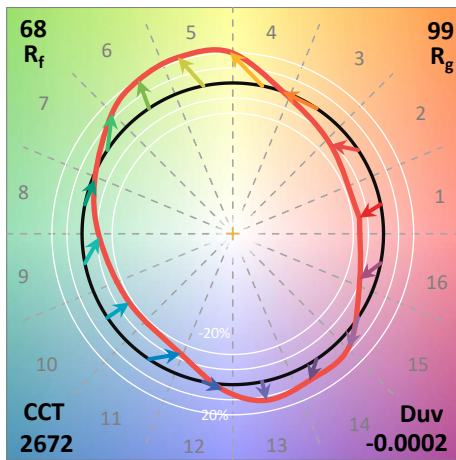
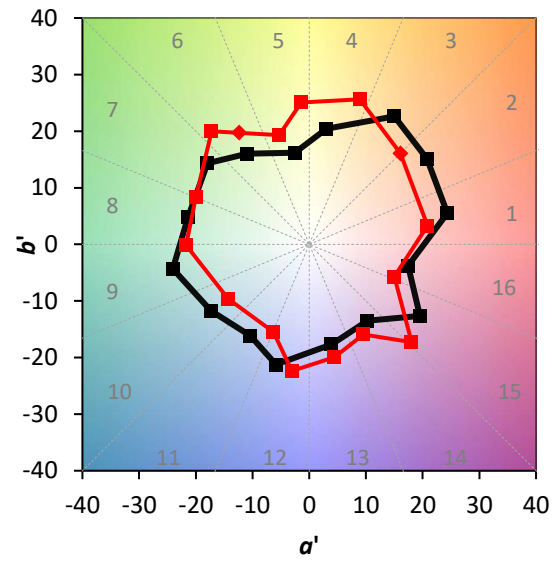
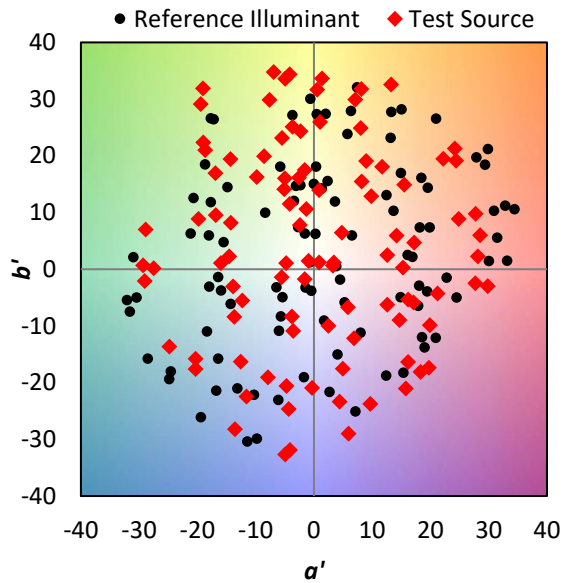
Summary

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

Spectral Power Distribution Comparison

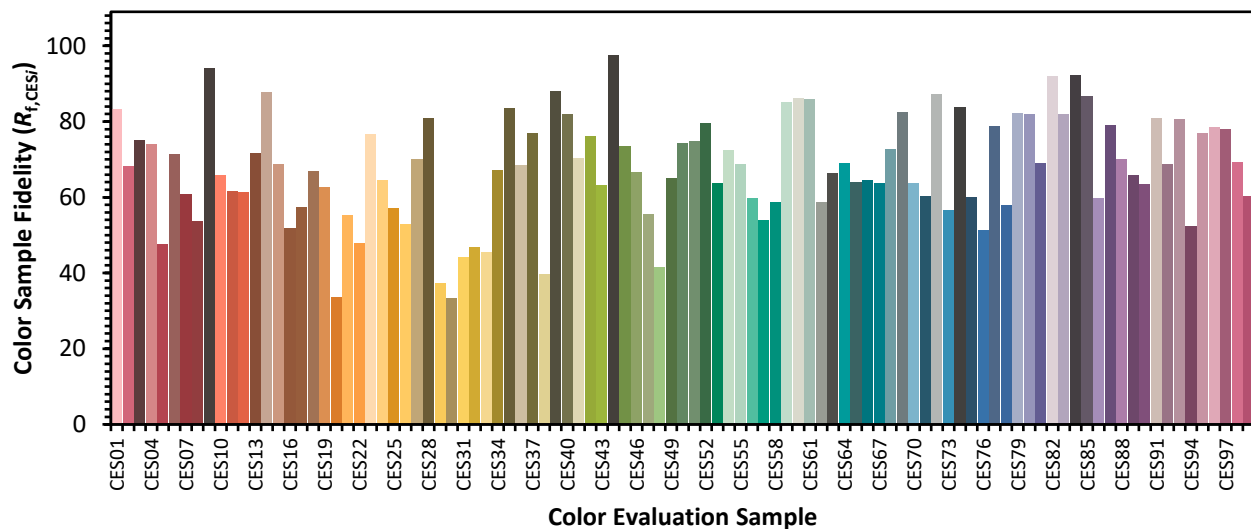


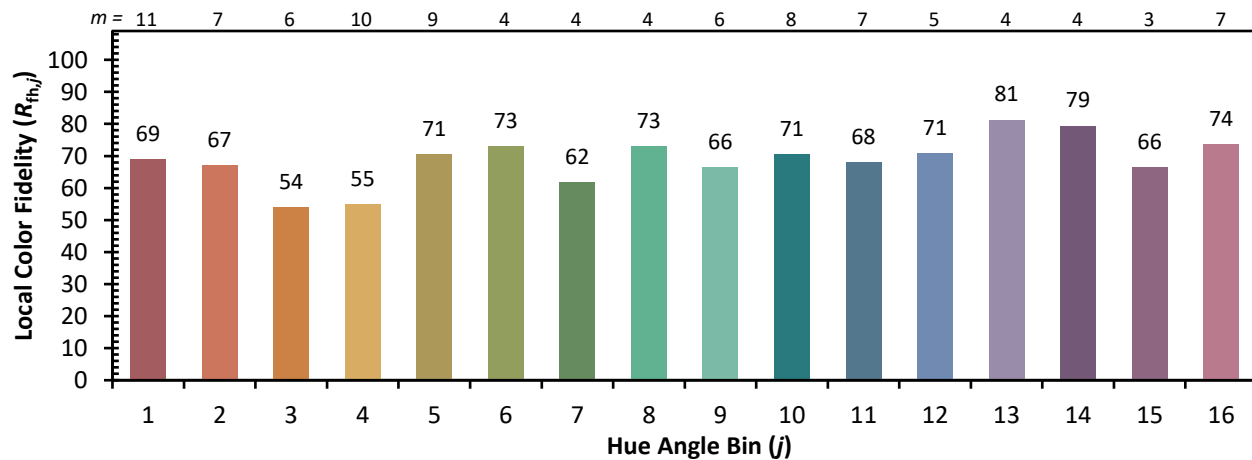
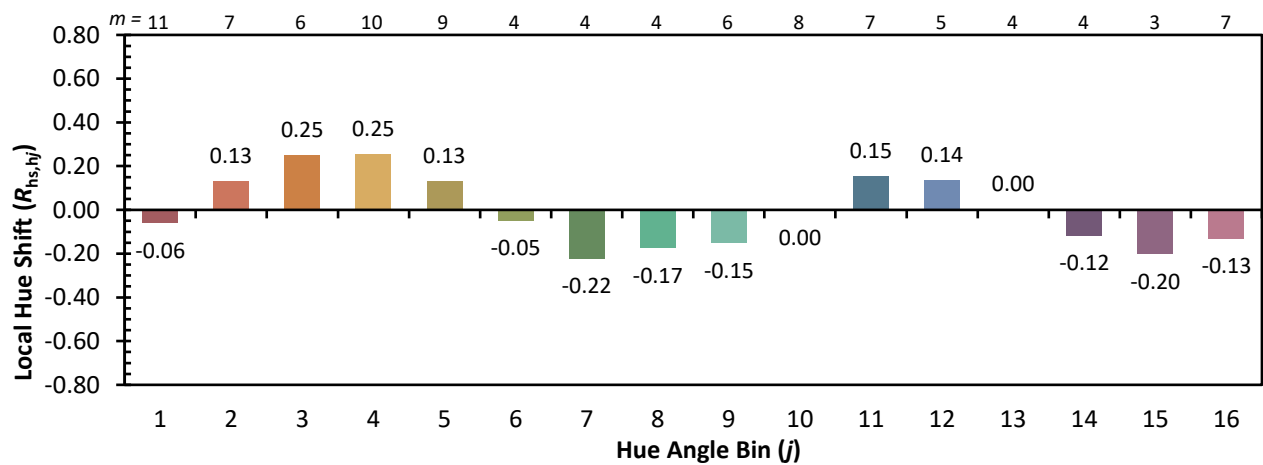
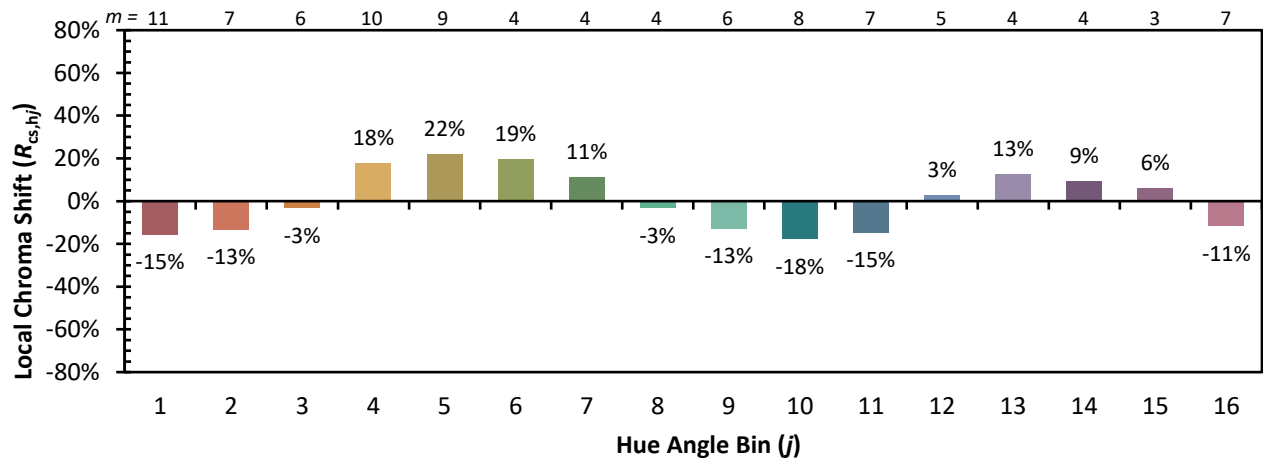
Color Vector Graphics



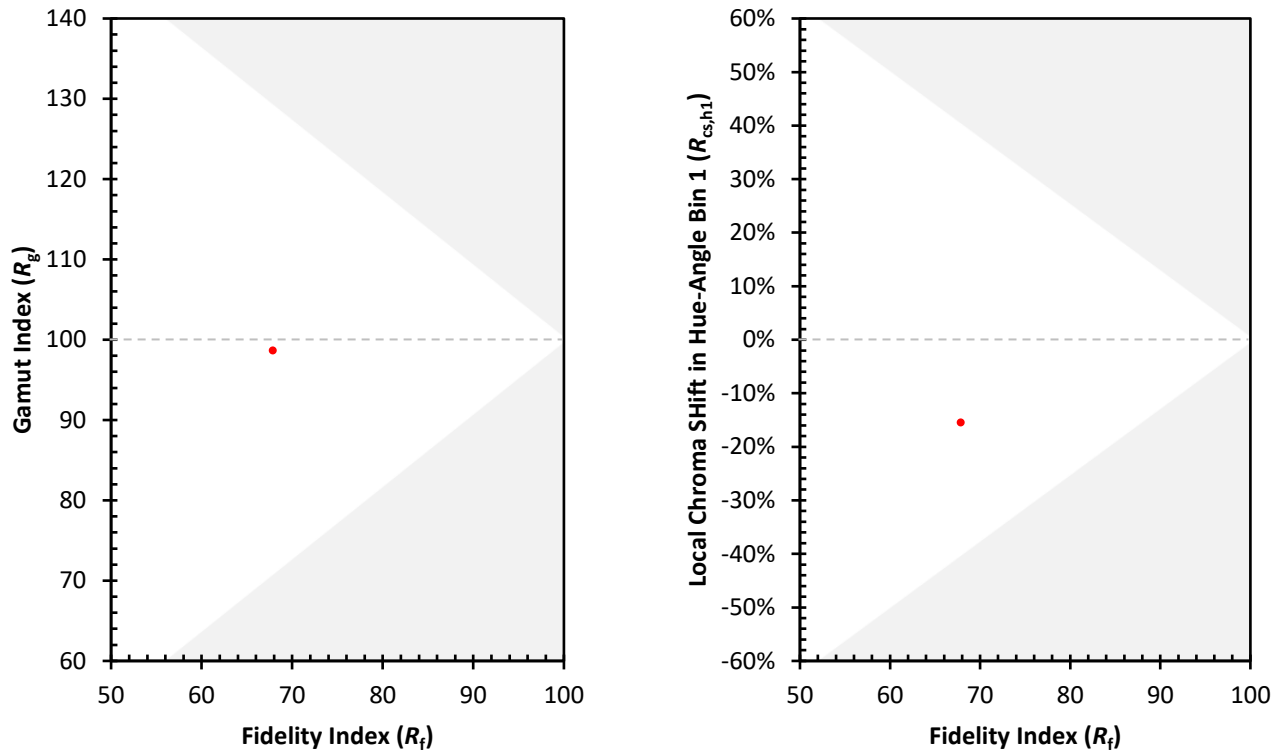
Individual Sample Fidelity Index ($R_{f,i}$)

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)