

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: P1047117

Luminaire Tested: **GALN-SA9A-727-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047117
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9A-727-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 9xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (126) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 30661.9 lumens
Efficiency: N/A
Efficacy: 125.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 244.6
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



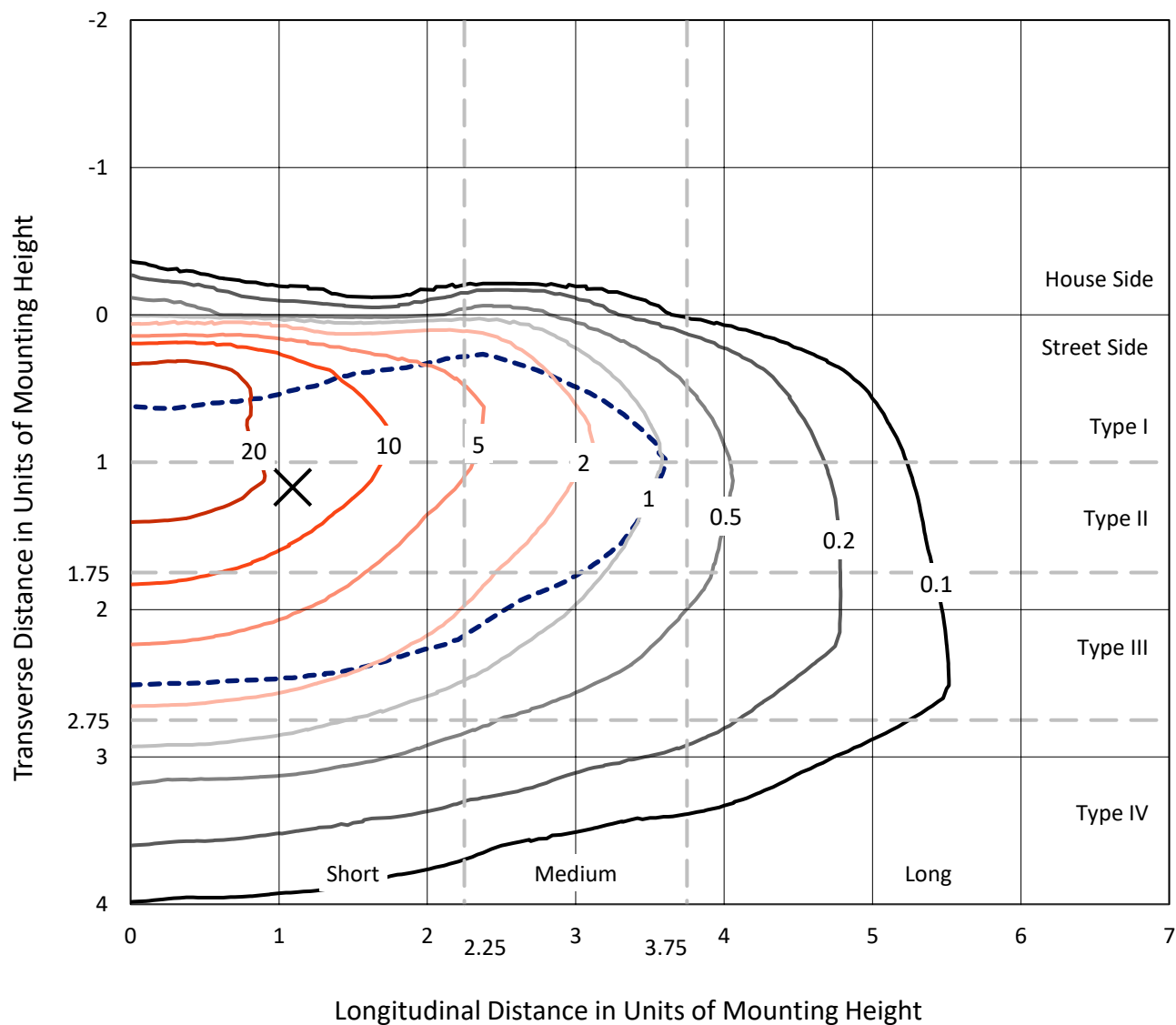
REPORT NUMBER: P1047117

CATALOG NUMBER: GALN-SA9A-727-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

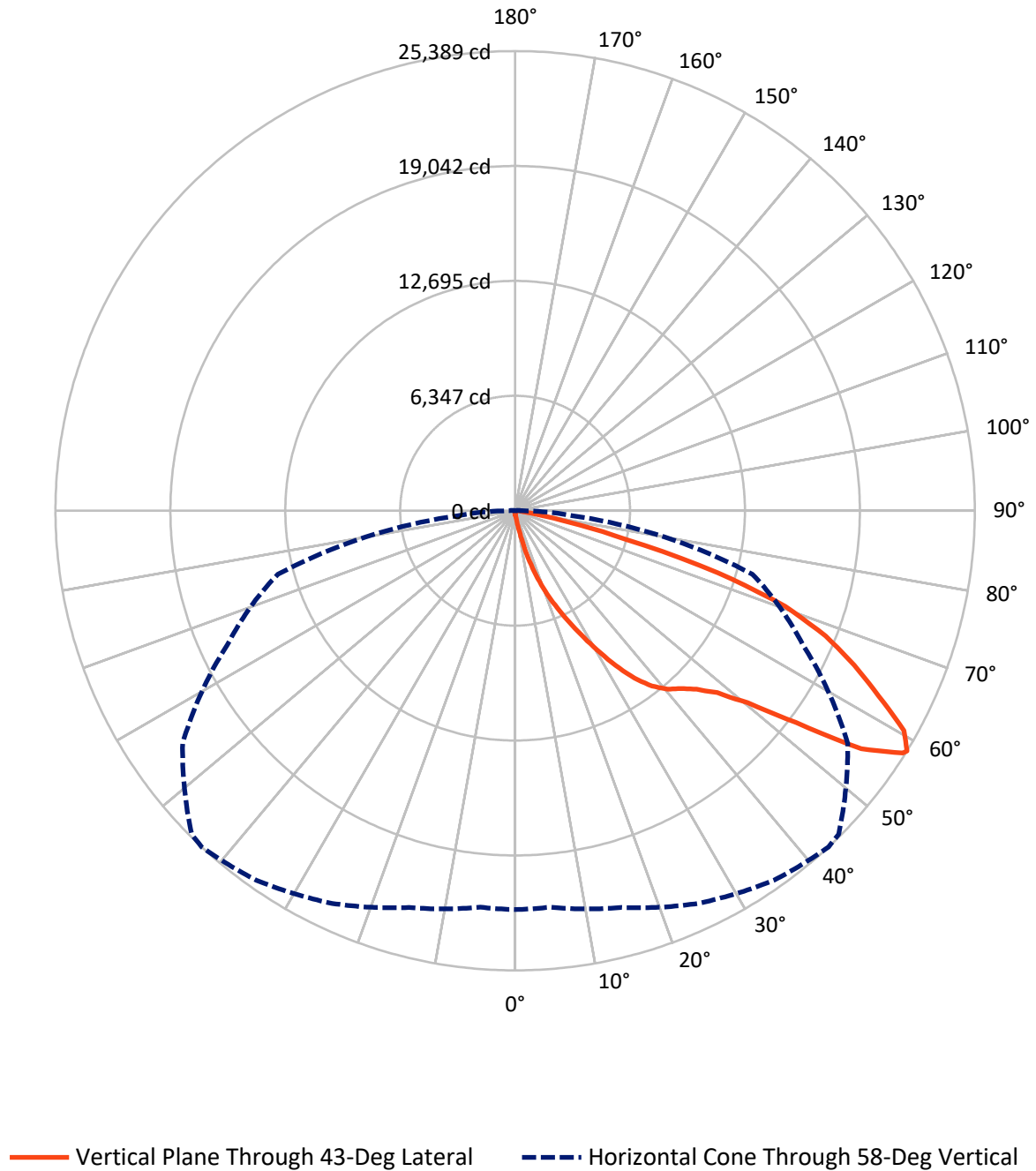


Based on 15 foot mounting height. Maximum calculated value = 34.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	111.9	0.0	111.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	30550.0	0.0	30550.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	30661.9	0.0	30661.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.4	0.1
10°-20°	352.4	1.1
20°-30°	1270.4	4.1
30°-40°	2906.6	9.5
40°-50°	4902.2	16.0
50°-60°	8089.8	26.4
60°-70°	9041.5	29.5
70°-80°	3733.1	12.2
80°-90°	336.5	1.1
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°	30661.9	100.0
0°-180°	30661.9	100.0



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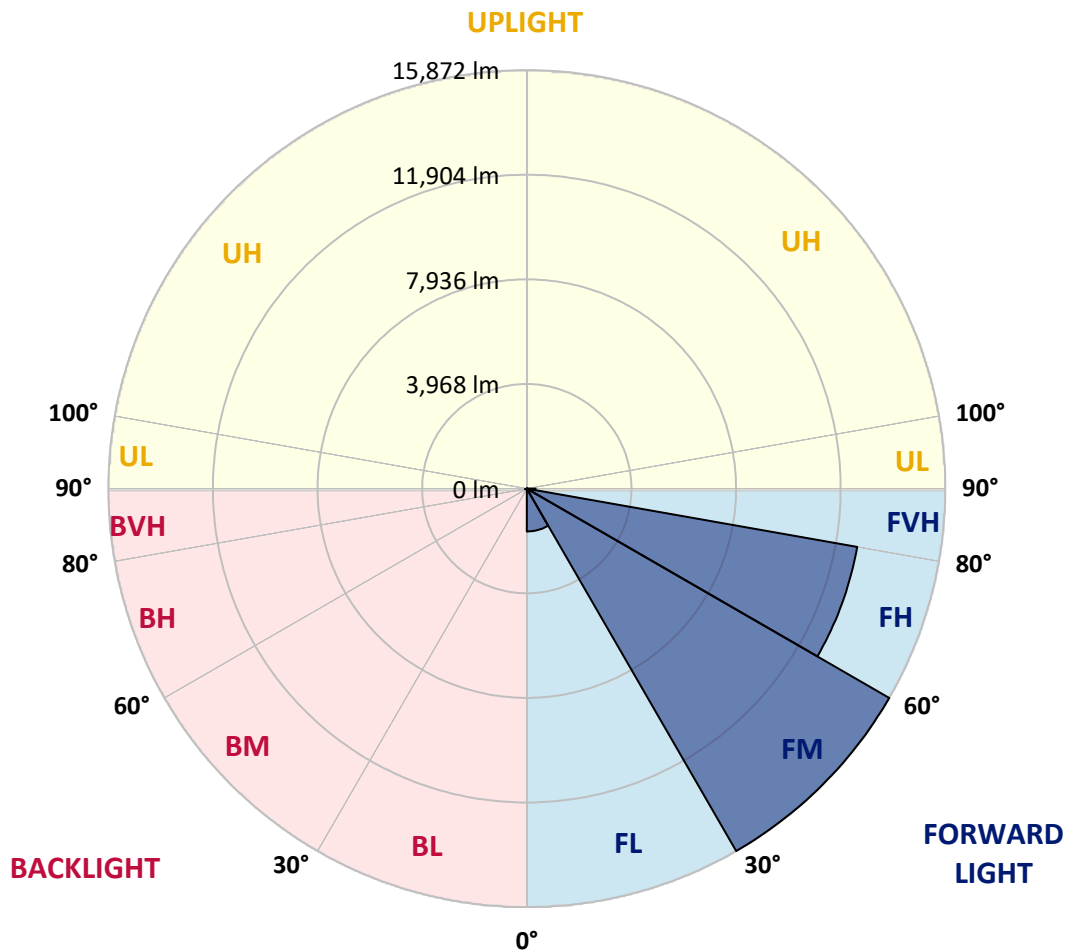
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1623.0	5.3			
FM	(30°-60°)	15871.8	51.8			
FH	(60°-80°)	12723.3	41.5			G5
FVH	(80°-90°)	331.9	1.1			G3/500
BL	(0°-30°)	29.2	0.1	B0/110		
BM	(30°-60°)	26.8	0.1	B0/220		
BH	(60°-80°)	51.3	0.2	B0/110		G0/110
BVH	(80°-90°)	4.6	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	200.5	200.5	200.5	200.5	200.5	200.5	200.5	200.5	200.5	200.5	200.5
2.5°	240.6	248.6	240.6	240.6	240.6	232.6	232.6	224.5	224.5	216.5	208.5
5°	352.9	352.9	328.8	312.8	296.7	288.7	280.7	264.6	248.6	232.6	216.5
7.5°	785.9	785.9	713.7	617.5	489.2	417.0	401.0	328.8	280.7	248.6	216.5
10°	1876.5	1876.5	1716.1	1451.5	1122.7	834.0	745.8	473.1	336.8	264.6	224.5
12.5°	3119.5	3159.6	2959.1	2622.3	2133.1	1627.9	1451.5	866.1	449.1	288.7	224.5
15°	4234.2	4138.0	4081.9	3761.1	3296.0	2694.5	2470.0	1459.5	649.6	328.8	224.5
17.5°	4988.0	4988.0	4907.8	4691.3	4266.3	3737.0	3552.6	2357.7	1050.5	376.9	232.6
20°	5870.2	5870.2	5725.8	5573.5	5196.5	4747.5	4571.0	3352.1	1627.9	481.2	232.6
22.5°	6936.7	6952.8	6792.4	6519.7	6158.9	5661.7	5509.3	4274.3	2357.7	641.5	240.6
25°	8235.9	8251.9	8019.4	7762.7	7209.4	6672.1	6439.5	5332.9	3247.8	898.2	240.6
27.5°	9671.3	9783.6	9438.8	8997.7	8412.3	7738.7	7562.3	6287.2	4130.0	1267.1	256.6
30°	11459.7	11459.7	11002.6	10385.1	9751.5	8917.5	8693.0	7289.6	5068.2	1756.2	272.7
32.5°	12999.4	12879.1	12293.7	11644.1	10970.5	10192.6	9952.0	8340.1	6030.6	2365.7	304.7
35°	14178.2	14074.0	13352.2	12654.5	12069.1	11355.4	11066.7	9478.9	7049.0	3055.4	352.9
37.5°	15188.7	15148.6	14170.2	13296.1	12911.2	12285.7	12029.0	10553.5	8051.4	3801.2	409.0
40°	16295.3	16167.0	15124.5	14041.9	13464.5	12959.3	12726.7	11419.6	9013.8	4675.3	489.2
42.5°	17241.6	17089.2	16151.0	15092.4	14106.0	13424.4	13199.9	12149.3	9952.0	5549.4	593.4
45°	18292.1	18212.0	17265.7	16463.7	15148.6	14057.9	13761.2	12734.7	10810.1	6591.9	729.8
47.5°	19872.0	19727.6	18845.5	18187.9	16664.2	15020.3	14595.2	13336.2	11636.1	7618.4	938.3
50°	21708.4	21612.2	21090.9	20569.6	19054.0	16664.2	16159.0	14202.3	12558.3	8837.3	1210.9
52.5°	23208.0	23192.0	23256.1	23264.1	22117.4	19430.9	18677.1	15597.6	13616.9	10040.2	1595.9
55°	23175.9	23248.1	23953.8	24763.8	24852.0	23208.0	22478.3	17947.3	14996.2	11523.8	2133.1
57.5°	22309.8	22253.7	22999.5	24218.5	25076.5	25252.9	25132.7	21596.1	17073.2	13312.1	2959.1
58°	22029.2	21981.1	22686.8	23929.8	24916.1	25389.3	25269.0	22422.1	17538.3	13568.7	3183.7
60°	21010.7	21018.7	21435.7	22566.5	23552.8	24675.6	24787.8	24779.8	19855.9	15284.9	4314.4
62.5°	19663.5	19599.3	19984.2	20906.5	21772.5	22526.4	22718.8	24940.2	23248.1	17466.2	6471.6
65°	17803.0	17706.7	18115.7	19158.2	20088.5	20577.7	20585.7	22791.0	24844.0	19807.8	9551.1
67.5°	14346.6	14266.4	15084.4	16423.6	17859.1	18500.7	18789.3	19775.7	23496.7	21395.6	11315.3
70°	8789.2	8957.6	10096.4	12197.4	14651.4	15830.2	16263.3	16568.0	20008.3	21155.1	9462.8
72.5°	4057.8	3857.3	4827.7	6295.2	9093.9	11716.3	12165.4	13360.2	15862.3	18364.3	7057.0
75°	1892.6	1820.4	2044.9	2750.6	4121.9	6327.3	7145.2	10665.7	12165.4	12774.8	5092.3
77.5°	970.3	978.4	1162.8	1251.0	1700.1	2927.1	3360.1	7016.9	8917.5	7129.2	3416.2
80°	425.0	441.1	449.1	489.2	689.7	1130.7	1275.1	3255.9	6094.7	3632.8	1868.5
82.5°	272.7	280.7	280.7	280.7	328.8	449.1	513.2	1307.2	3039.3	1804.4	577.4
85°	144.3	144.3	160.4	200.5	232.6	272.7	288.7	417.0	1002.4	537.3	136.3
87.5°	80.2	88.2	96.2	120.3	152.4	184.4	200.5	288.7	384.9	368.9	32.1
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-SA9A-727-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	200.5	200.5	200.5	200.5	200.5	200.5	200.5	200.5	200.5	200.5	200.5
2.5°	208.5	200.5	192.5	184.4	176.4	168.4	168.4	168.4	168.4	168.4	168.4
5°	200.5	192.5	184.4	168.4	152.4	144.3	136.3	128.3	128.3	128.3	128.3
7.5°	200.5	192.5	168.4	152.4	136.3	120.3	104.3	104.3	104.3	104.3	104.3
10°	200.5	184.4	160.4	136.3	112.3	96.2	88.2	80.2	80.2	80.2	80.2
12.5°	200.5	176.4	152.4	120.3	96.2	80.2	72.2	64.2	64.2	64.2	64.2
15°	200.5	176.4	144.3	112.3	88.2	64.2	56.1	48.1	48.1	48.1	48.1
17.5°	192.5	168.4	136.3	96.2	72.2	48.1	40.1	32.1	32.1	40.1	40.1
20°	184.4	160.4	120.3	80.2	56.1	40.1	24.1	24.1	24.1	24.1	24.1
22.5°	184.4	160.4	112.3	72.2	48.1	24.1	16.0	16.0	16.0	16.0	24.1
25°	184.4	152.4	96.2	56.1	32.1	16.0	8.0	8.0	8.0	8.0	8.0
27.5°	184.4	152.4	88.2	48.1	24.1	16.0	8.0	0.0	0.0	0.0	0.0
30°	176.4	144.3	80.2	40.1	16.0	8.0	0.0	0.0	0.0	0.0	0.0
32.5°	176.4	136.3	64.2	32.1	16.0	8.0	0.0	0.0	0.0	0.0	0.0
35°	184.4	128.3	56.1	24.1	8.0	0.0	0.0	0.0	0.0	0.0	8.0
37.5°	192.5	120.3	48.1	16.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	200.5	112.3	48.1	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	216.5	112.3	40.1	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	232.6	112.3	32.1	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	264.6	120.3	32.1	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	288.7	128.3	24.1	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	320.8	120.3	24.1	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	360.9	120.3	24.1	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	392.9	112.3	24.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	409.0	104.3	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	489.2	96.2	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	761.8	80.2	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1547.7	72.2	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2887.0	64.2	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3231.8	72.2	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2036.9	56.1	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1074.6	56.1	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	537.3	56.1	8.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	248.6	40.1	8.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	104.3	24.1	16.0	8.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	48.1	24.1	16.0	16.0	8.0	8.0	0.0	0.0	0.0	0.0	0.0
87.5°	24.1	24.1	24.1	16.0	16.0	8.0	8.0	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

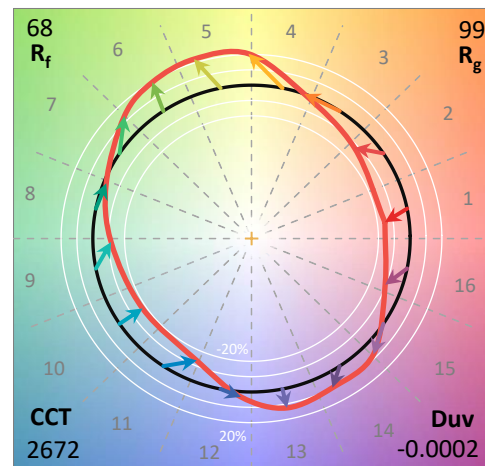
Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

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

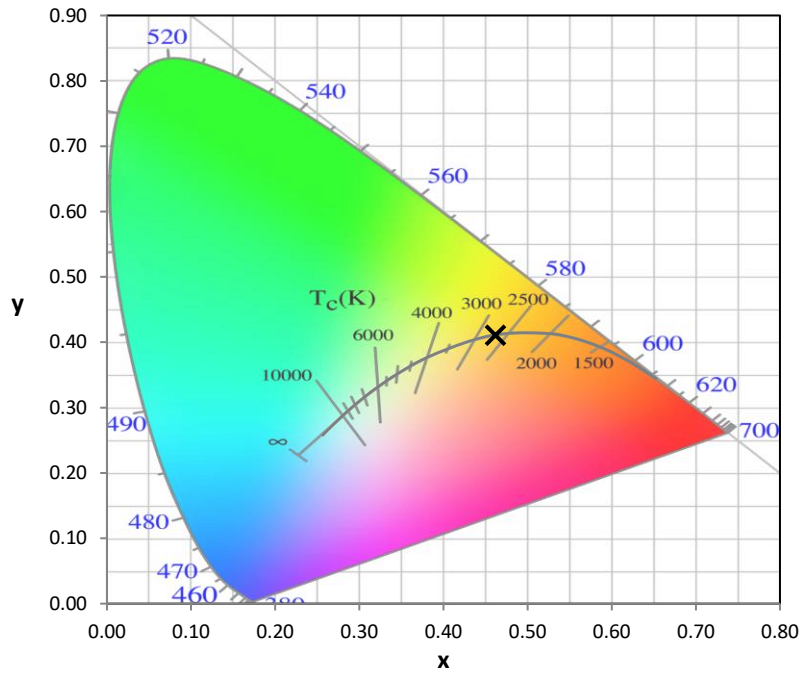
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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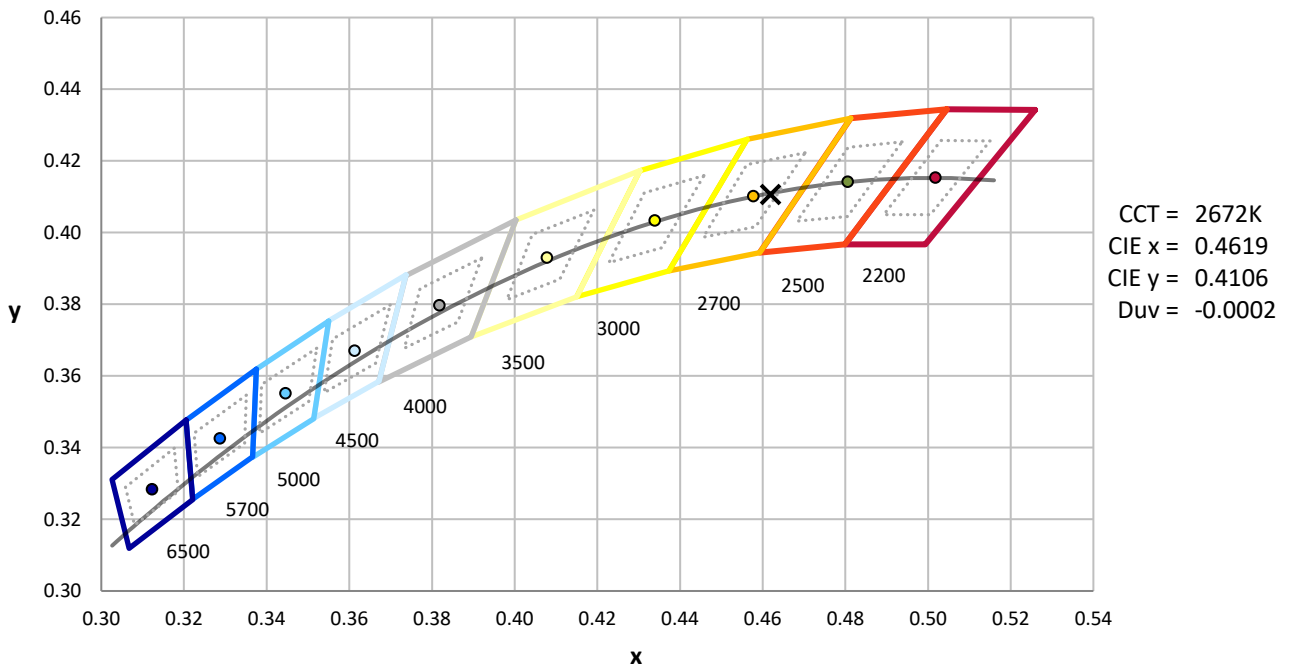
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



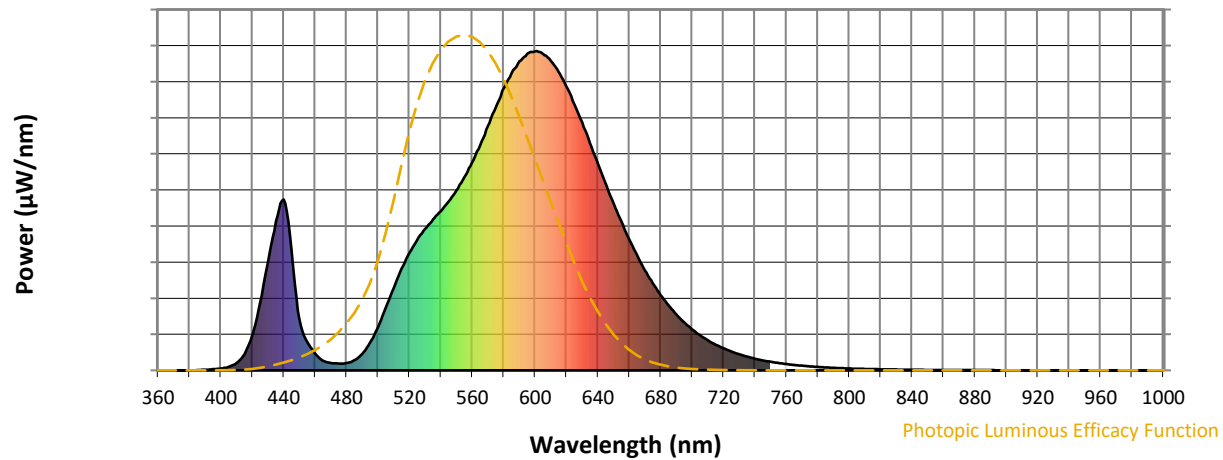
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

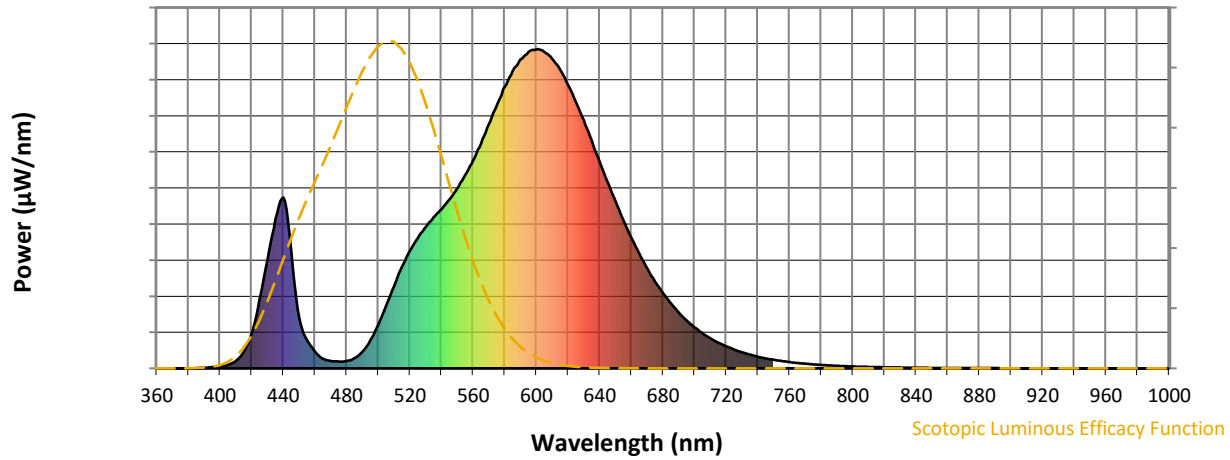


Photopic Lumens: NR

λ (nm)	Power 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



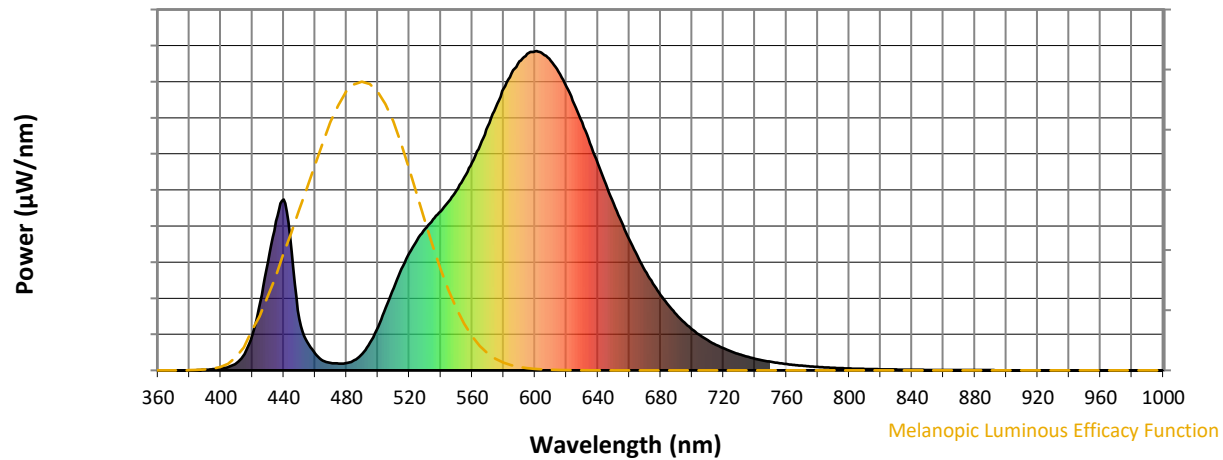
Scotopic Lumens: NR

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 $\text{W}^\wedge/\text{nm}$	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			

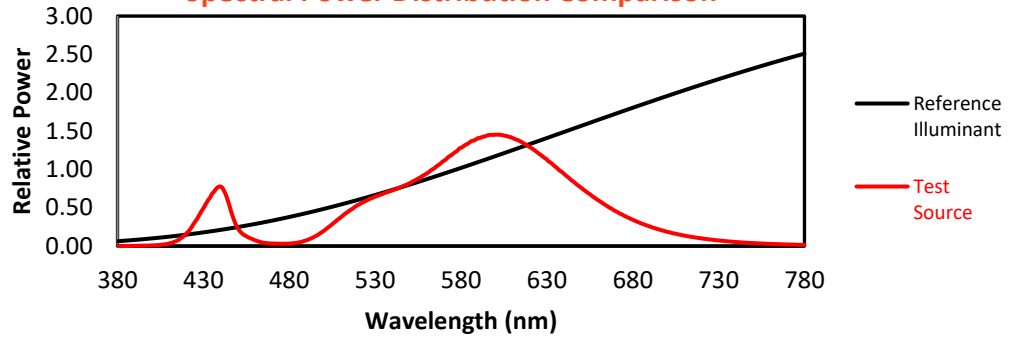
REPORT NUMBER: SP1-2407-184-3

TM-30-18

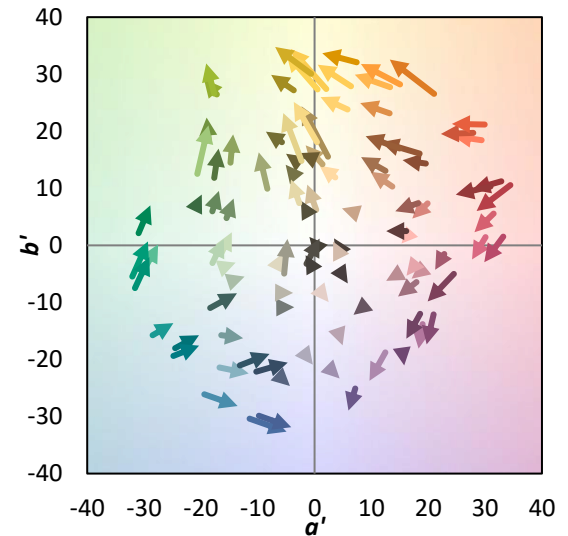
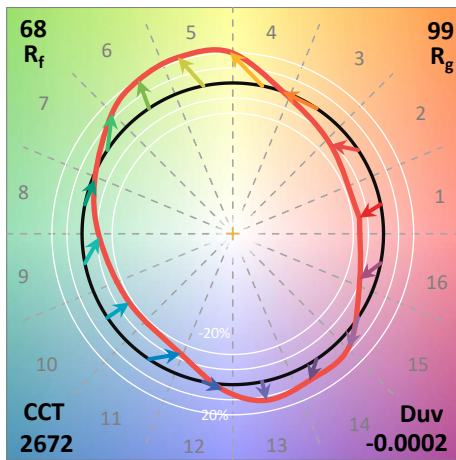
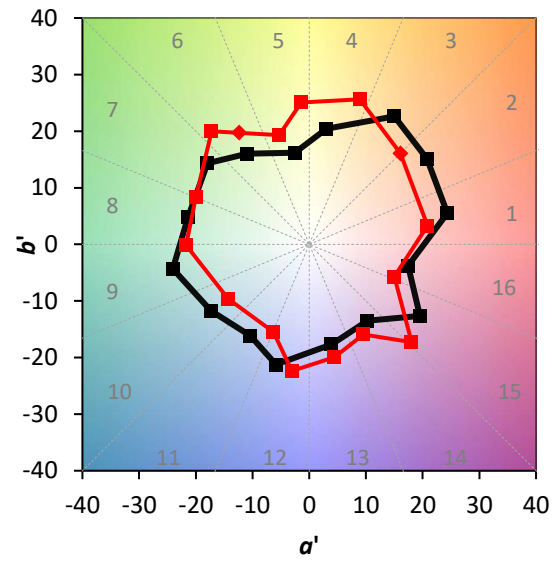
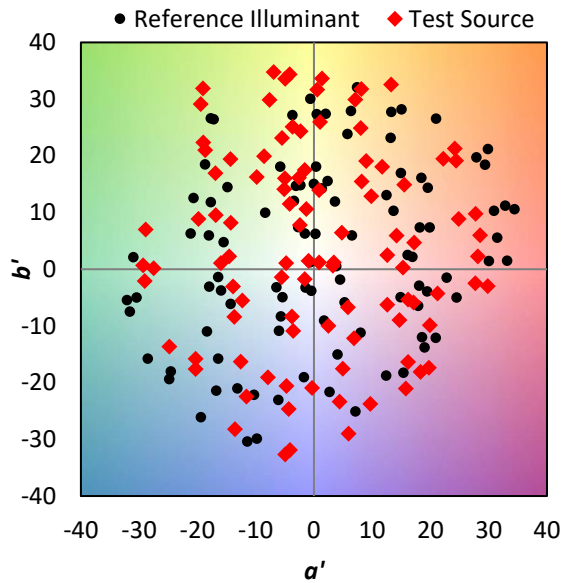
Summary

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

Spectral Power Distribution Comparison

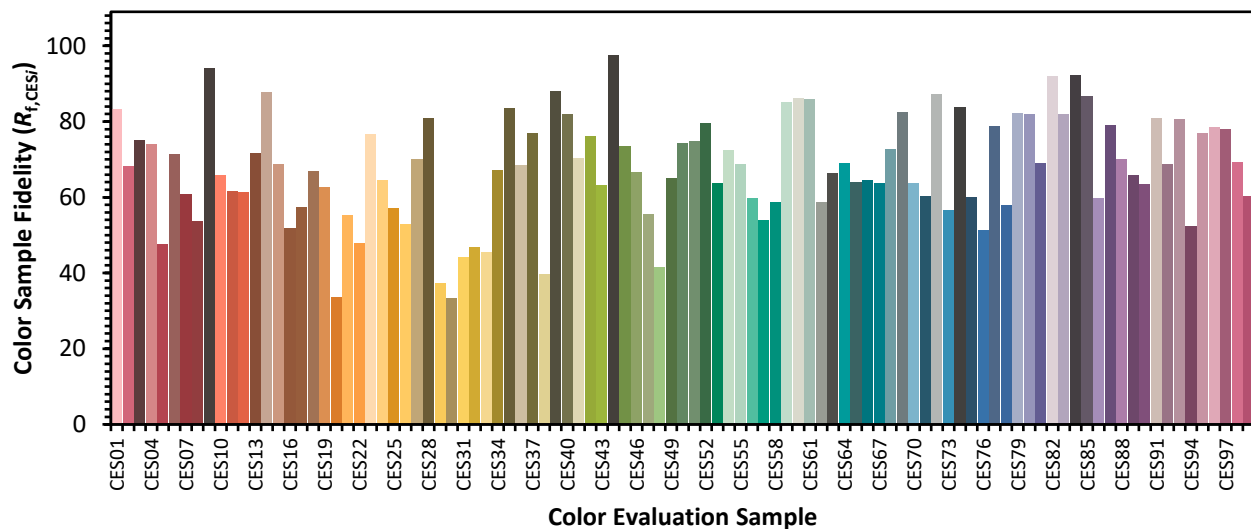


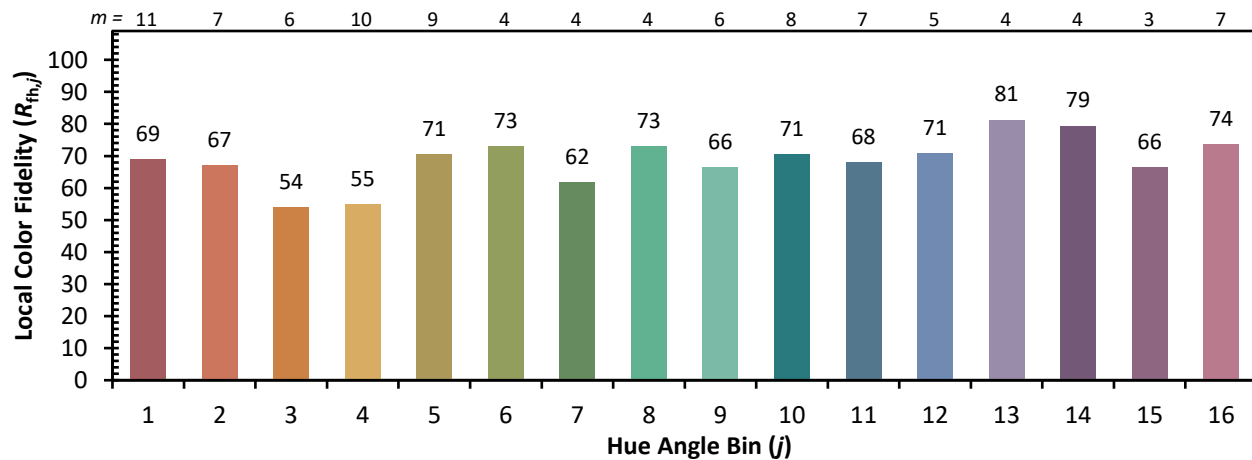
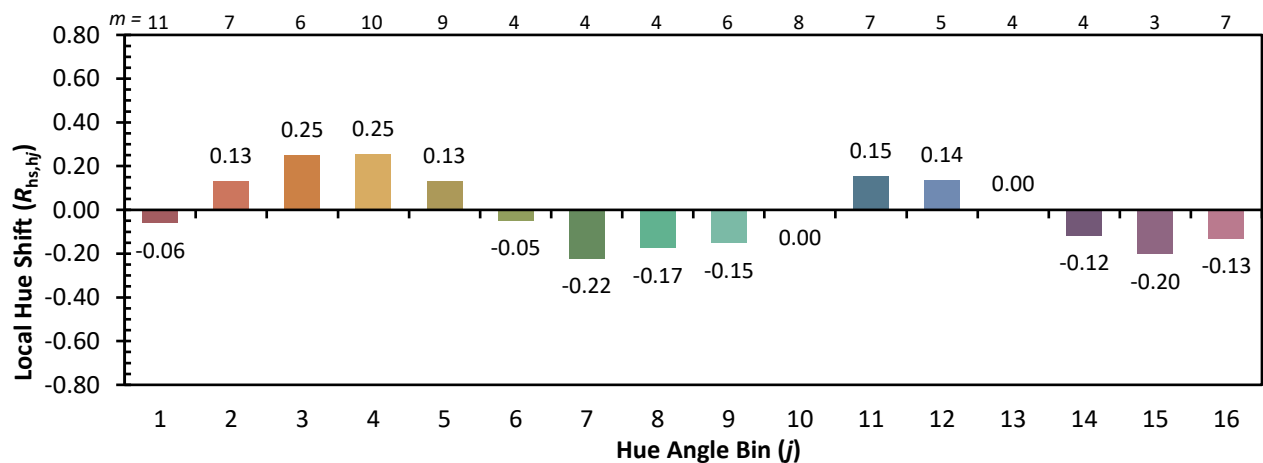
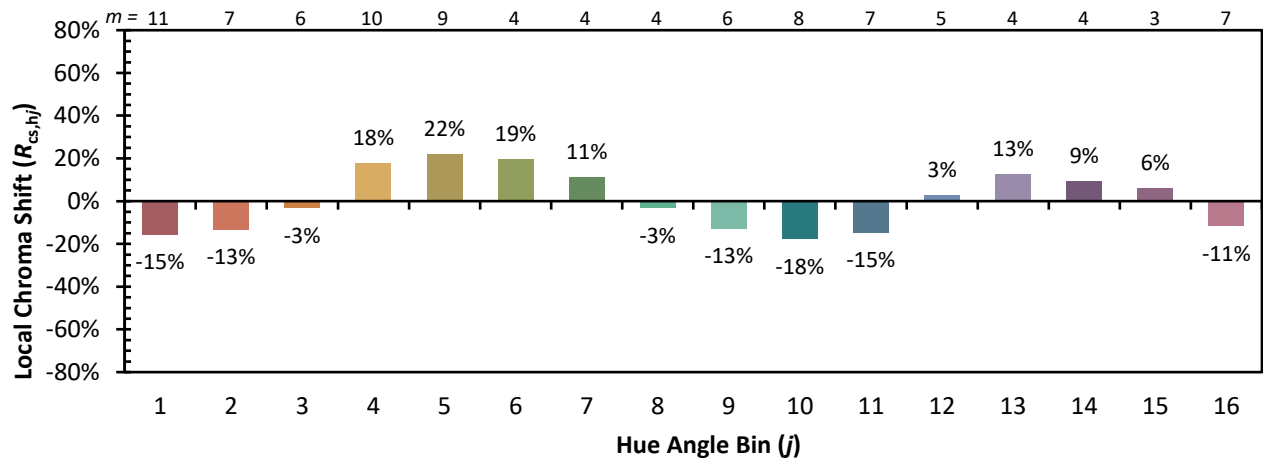
Color Vector Graphics



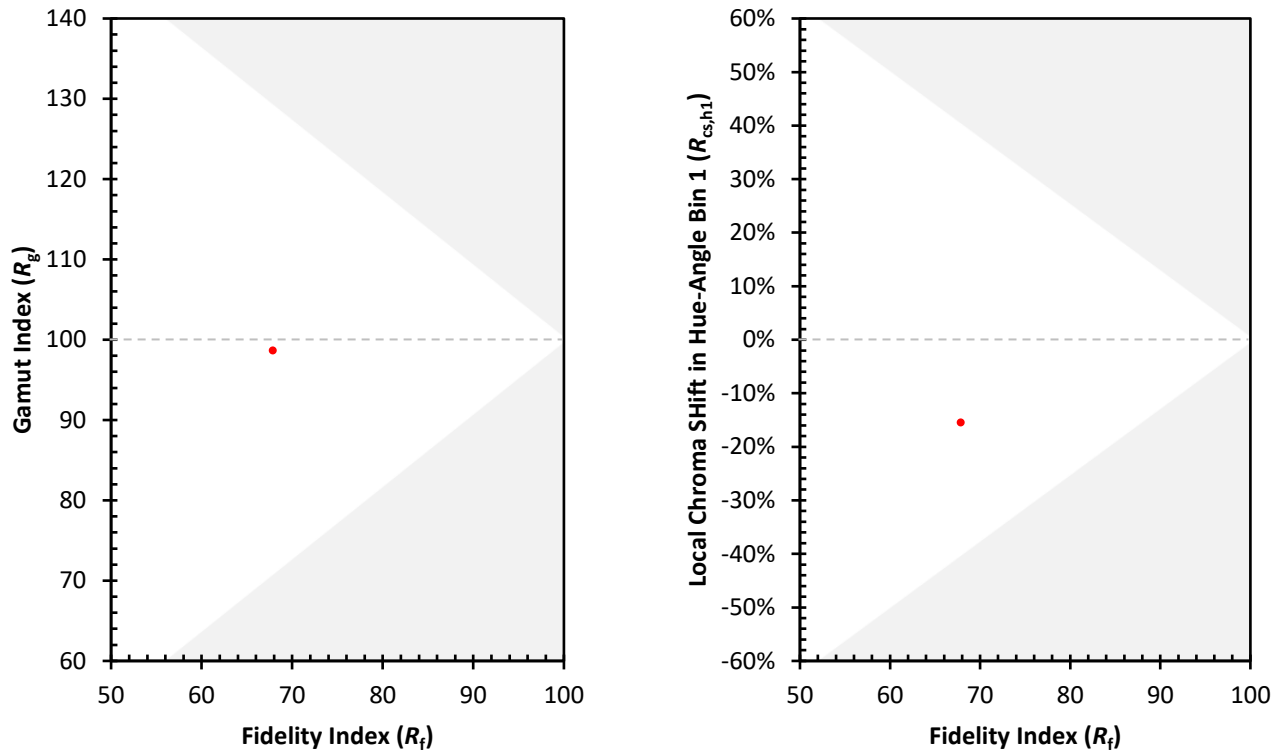
Individual Sample Fidelity Index ($R_{f,i}$)

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)