

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: P1047118

Luminaire Tested: **GALN-SA9B-727-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047118
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9B-727-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 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: 37753.2 lumens
Efficiency: N/A
Efficacy: 120.7 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): 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

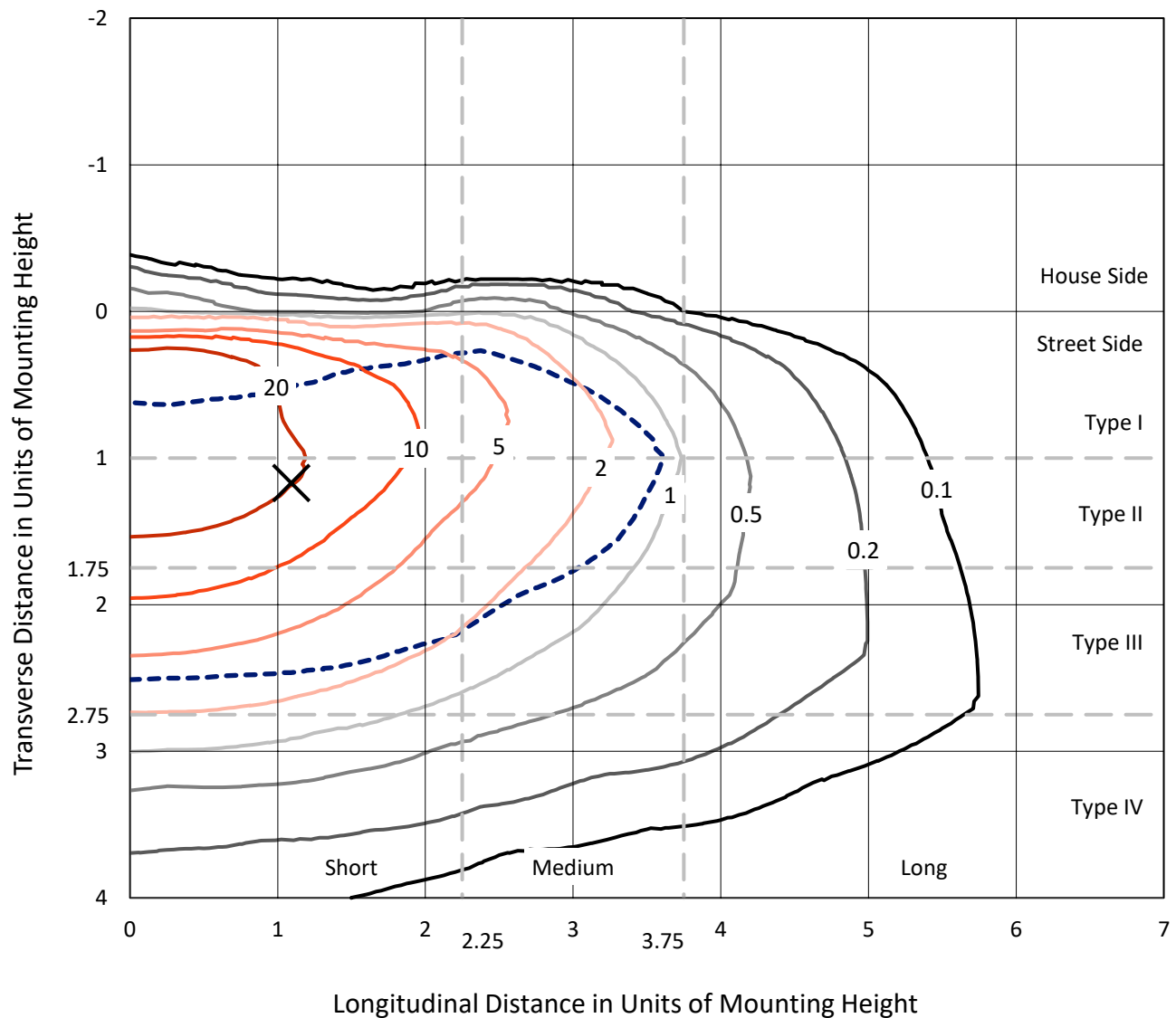


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CATALOG NUMBER: GALN-SA9B-727-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

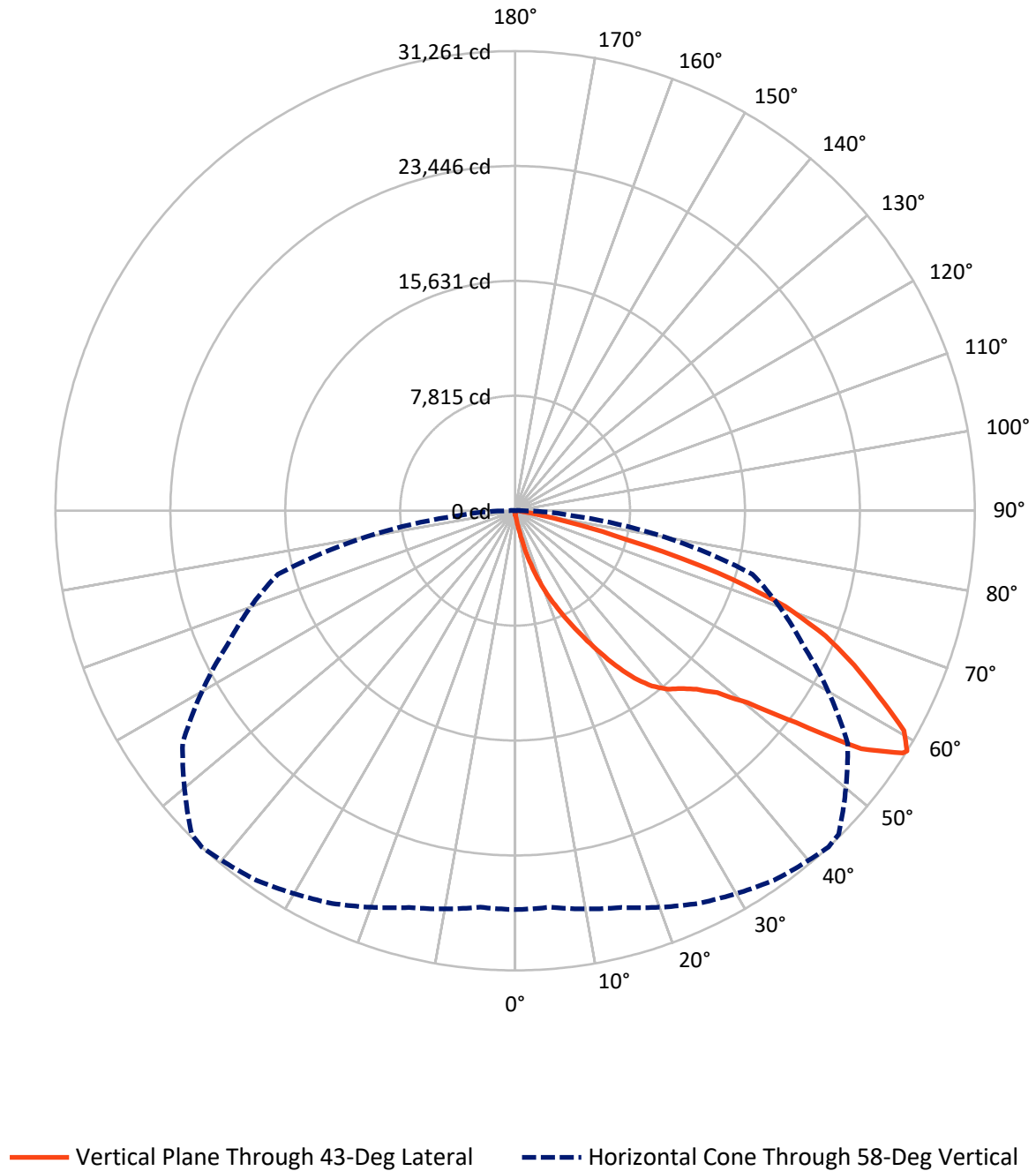


Based on 15 foot mounting height. Maximum calculated value = 42.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	137.8	0.0	137.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	37615.4	0.0	37615.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	37753.2	0.0	37753.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.2	0.1
10°-20°	434.0	1.1
20°-30°	1564.2	4.1
30°-40°	3578.8	9.5
40°-50°	6036.0	16.0
50°-60°	9960.8	26.4
60°-70°	11132.6	29.5
70°-80°	4596.4	12.2
80°-90°	414.4	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°	37753.2	100.0
0°-180°	37753.2	100.0



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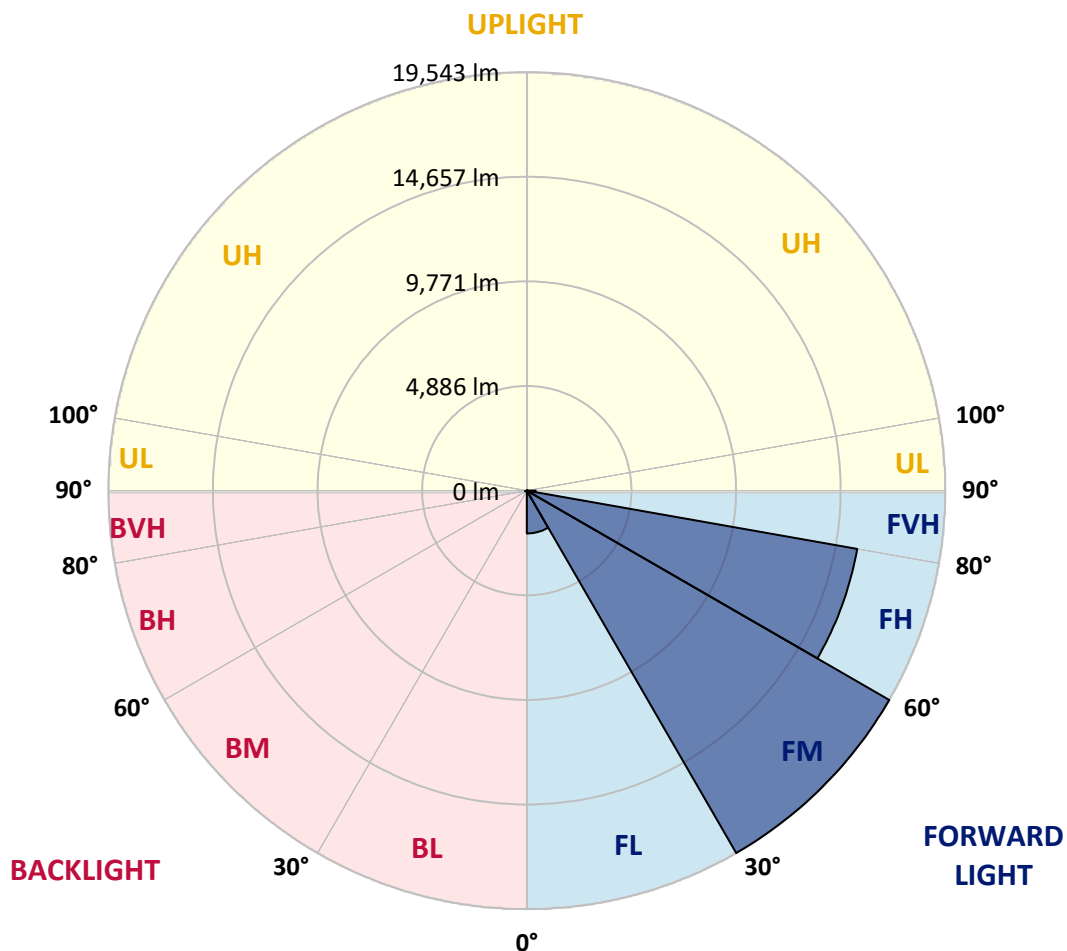
CATALOG NUMBER: GALN-SA9B-727-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1998.3	5.3			
FM	(30°-60°)	19542.5	51.8			
FH	(60°-80°)	15665.9	41.5			G5
FVH	(80°-90°)	408.7	1.1			G3/500
BL	(0°-30°)	35.9	0.1	B0/110		
BM	(30°-60°)	33.0	0.1	B0/220		
BH	(60°-80°)	63.2	0.2	B0/110		G0/110
BVH	(80°-90°)	5.7	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	246.9	246.9	246.9	246.9	246.9	246.9	246.9	246.9	246.9	246.9	246.9
2.5°	296.2	306.1	296.2	296.2	296.2	286.3	286.3	276.5	276.5	266.6	256.7
5°	434.5	434.5	404.8	385.1	365.3	355.5	345.6	325.8	306.1	286.3	266.6
7.5°	967.7	967.7	878.8	760.3	602.3	513.4	493.7	404.8	345.6	306.1	266.6
10°	2310.5	2310.5	2113.0	1787.2	1382.4	1026.9	918.3	582.6	414.7	325.8	276.5
12.5°	3841.0	3890.4	3643.5	3228.8	2626.5	2004.4	1787.2	1066.4	552.9	355.5	276.5
15°	5213.5	5095.0	5025.9	4630.9	4058.2	3317.7	3041.2	1797.1	799.8	404.8	276.5
17.5°	6141.6	6141.6	6042.9	5776.3	5253.0	4601.3	4374.2	2903.0	1293.5	464.1	286.3
20°	7227.8	7227.8	7050.1	6862.5	6398.4	5845.4	5628.2	4127.3	2004.4	592.4	286.3
22.5°	8541.0	8560.8	8363.3	8027.6	7583.3	6971.1	6783.5	5262.9	2903.0	789.9	296.2
25°	10140.6	10160.4	9874.0	9558.1	8876.8	8215.2	7928.8	6566.2	3999.0	1105.9	296.2
27.5°	11908.1	12046.3	11621.7	11078.7	10357.9	9528.4	9311.2	7741.2	5085.1	1560.1	316.0
30°	14110.0	14110.0	13547.2	12786.9	12006.8	10979.9	10703.5	8975.5	6240.4	2162.4	335.7
32.5°	16005.8	15857.7	15136.9	14337.1	13507.7	12549.9	12253.7	10269.0	7425.3	2912.8	375.2
35°	17457.3	17328.9	16440.3	15581.2	14860.4	13981.6	13626.2	11671.1	8679.3	3762.0	434.5
37.5°	18701.4	18652.1	17447.4	16371.1	15897.2	15127.0	14811.1	12994.2	9913.5	4680.3	503.6
40°	20064.0	19906.1	18622.4	17289.4	16578.5	15956.4	15670.1	14060.6	11098.4	5756.6	602.3
42.5°	21229.2	21041.6	19886.3	18582.9	17368.4	16529.1	16252.7	14959.2	12253.7	6832.8	730.7
45°	22522.7	22423.9	21258.8	20271.4	18652.1	17309.2	16943.8	15680.0	13310.2	8116.5	898.5
47.5°	24467.9	24290.1	23204.0	22394.3	20518.2	18494.1	17970.7	16420.5	14327.2	9380.3	1155.3
50°	26729.0	26610.5	25968.7	25326.9	23460.7	20518.2	19896.2	17486.9	15462.7	10881.2	1491.0
52.5°	28575.5	28555.7	28634.7	28644.6	27232.6	23924.8	22996.6	19205.0	16766.1	12362.3	1964.9
55°	28536.0	28624.8	29493.7	30491.0	30599.6	28575.5	27676.9	22098.1	18464.4	14189.0	2626.5
57.5°	27469.6	27400.4	28318.7	29819.6	30876.1	31093.3	30945.2	26590.8	21021.8	16390.9	3643.5
58°	27124.0	27064.7	27933.6	29464.1	30678.6	31261.2	31113.1	27607.8	21594.5	16706.9	3920.0
60°	25870.0	25879.8	26393.3	27785.5	29000.0	30382.4	30520.6	30510.8	24448.1	18819.9	5312.2
62.5°	24211.1	24132.1	24606.1	25741.6	26808.0	27736.2	27973.1	30708.2	28624.8	21505.6	7968.3
65°	21920.4	21801.9	22305.4	23589.1	24734.5	25336.8	25346.6	28062.0	30589.8	24388.9	11760.0
67.5°	17664.6	17565.9	18573.1	20222.0	21989.5	22779.4	23134.9	24349.4	28930.9	26343.9	13932.3
70°	10821.9	11029.3	12431.4	15018.4	18039.9	19491.3	20024.5	20399.8	24635.7	26047.7	11651.4
72.5°	4996.3	4749.4	5944.2	7751.1	11197.2	14426.0	14978.9	16450.1	19530.8	22611.5	8689.2
75°	2330.3	2241.4	2517.9	3386.8	5075.3	7790.6	8797.8	13132.5	14978.9	15729.3	6270.0
77.5°	1194.8	1204.6	1431.7	1540.3	2093.3	3604.0	4137.2	8639.8	10979.9	8778.0	4206.3
80°	523.3	543.1	552.9	602.3	849.2	1392.2	1570.0	4008.9	7504.3	4472.9	2300.6
82.5°	335.7	345.6	345.6	345.6	404.8	552.9	631.9	1609.5	3742.3	2221.7	710.9
85°	177.7	177.7	197.5	246.9	286.3	335.7	355.5	513.4	1234.3	661.6	167.9
87.5°	98.7	108.6	118.5	148.1	187.6	227.1	246.9	355.5	474.0	454.2	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: GALN-SA9B-727-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	246.9	246.9	246.9	246.9	246.9	246.9	246.9	246.9	246.9	246.9	246.9
2.5°	256.7	246.9	237.0	227.1	217.2	207.4	207.4	207.4	207.4	207.4	207.4
5°	246.9	237.0	227.1	207.4	187.6	177.7	167.9	158.0	158.0	158.0	158.0
7.5°	246.9	237.0	207.4	187.6	167.9	148.1	128.4	128.4	128.4	128.4	128.4
10°	246.9	227.1	197.5	167.9	138.2	118.5	108.6	98.7	98.7	98.7	98.7
12.5°	246.9	217.2	187.6	148.1	118.5	98.7	88.9	79.0	79.0	79.0	79.0
15°	246.9	217.2	177.7	138.2	108.6	79.0	69.1	59.2	59.2	59.2	59.2
17.5°	237.0	207.4	167.9	118.5	88.9	59.2	49.4	39.5	39.5	49.4	49.4
20°	227.1	197.5	148.1	98.7	69.1	49.4	29.6	29.6	29.6	29.6	29.6
22.5°	227.1	197.5	138.2	88.9	59.2	29.6	19.7	19.7	19.7	19.7	29.6
25°	227.1	187.6	118.5	69.1	39.5	19.7	9.9	9.9	9.9	9.9	9.9
27.5°	227.1	187.6	108.6	59.2	29.6	19.7	9.9	0.0	0.0	0.0	0.0
30°	217.2	177.7	98.7	49.4	19.7	9.9	0.0	0.0	0.0	0.0	0.0
32.5°	217.2	167.9	79.0	39.5	19.7	9.9	0.0	0.0	0.0	0.0	0.0
35°	227.1	158.0	69.1	29.6	9.9	0.0	0.0	0.0	0.0	0.0	9.9
37.5°	237.0	148.1	59.2	19.7	9.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	246.9	138.2	59.2	19.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	266.6	138.2	49.4	19.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	286.3	138.2	39.5	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	325.8	148.1	39.5	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	355.5	158.0	29.6	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	395.0	148.1	29.6	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	444.3	148.1	29.6	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	483.8	138.2	29.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	503.6	128.4	19.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	602.3	118.5	19.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	938.0	98.7	19.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1905.7	88.9	19.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3554.7	79.0	19.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3979.2	88.9	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2508.0	69.1	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1323.1	69.1	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	661.6	69.1	9.9	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	306.1	49.4	9.9	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	128.4	29.6	19.7	9.9	9.9	0.0	0.0	0.0	0.0	0.0	0.0
85°	59.2	29.6	19.7	19.7	9.9	9.9	0.0	0.0	0.0	0.0	0.0
87.5°	29.6	29.6	29.6	19.7	19.7	9.9	9.9	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

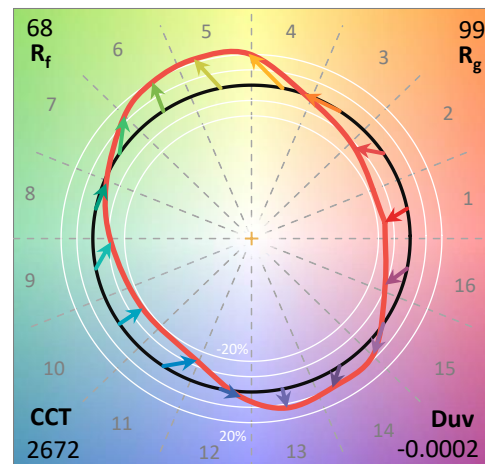
Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

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

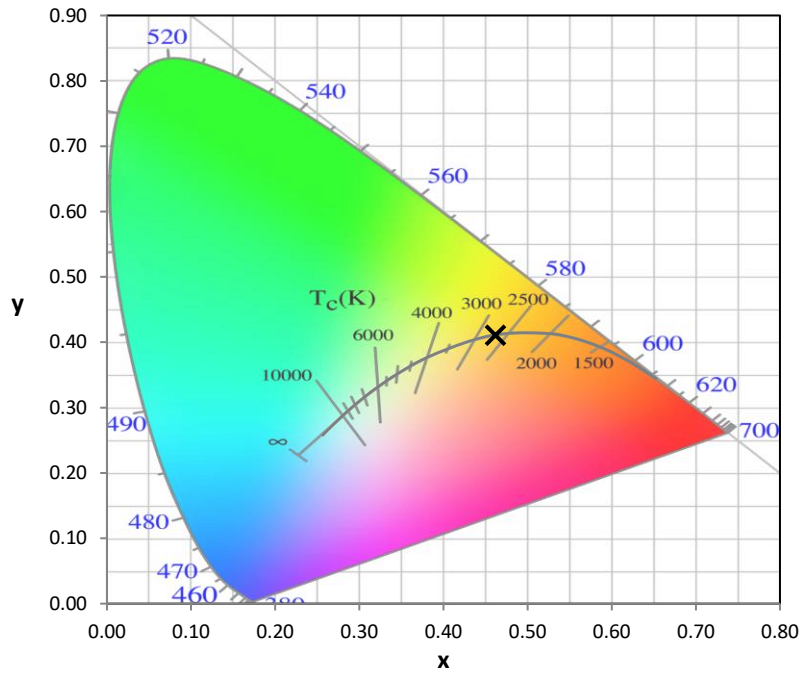
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-3

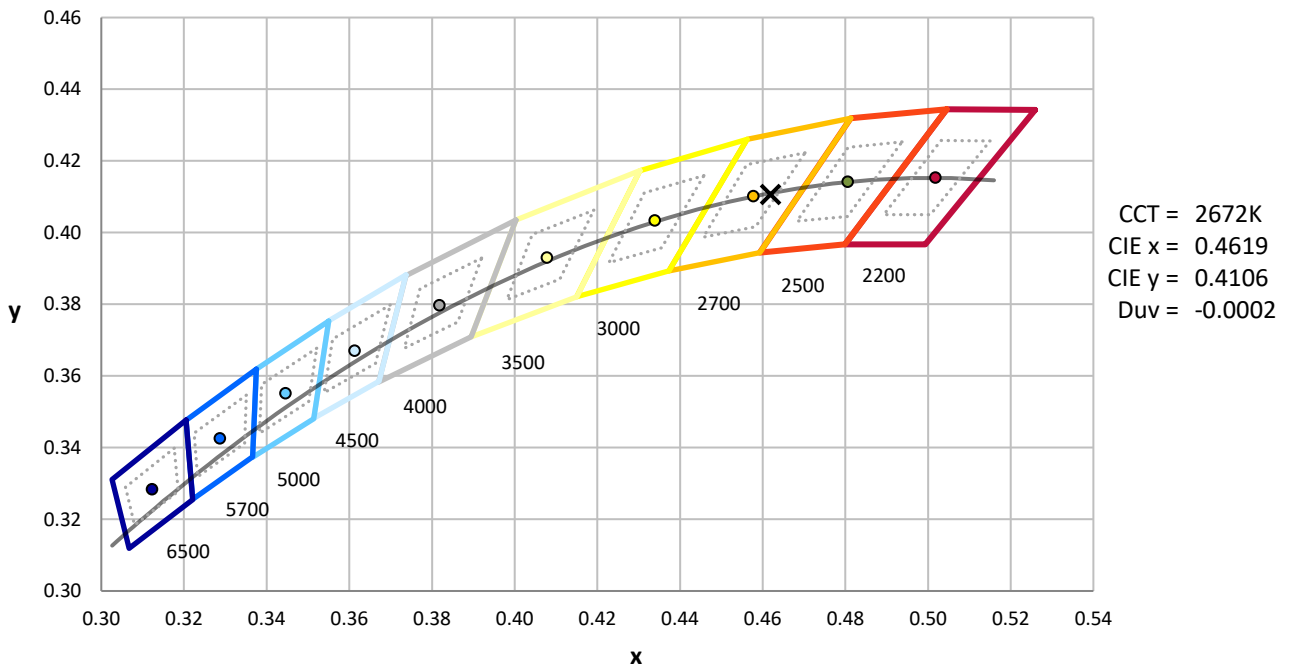
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram

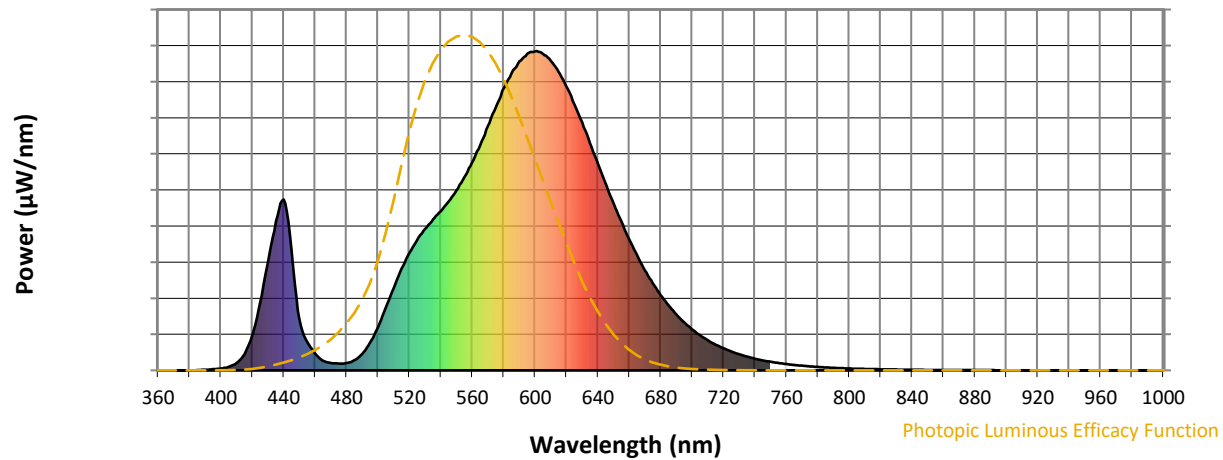


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



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Photopic Flux vs. Wavelength

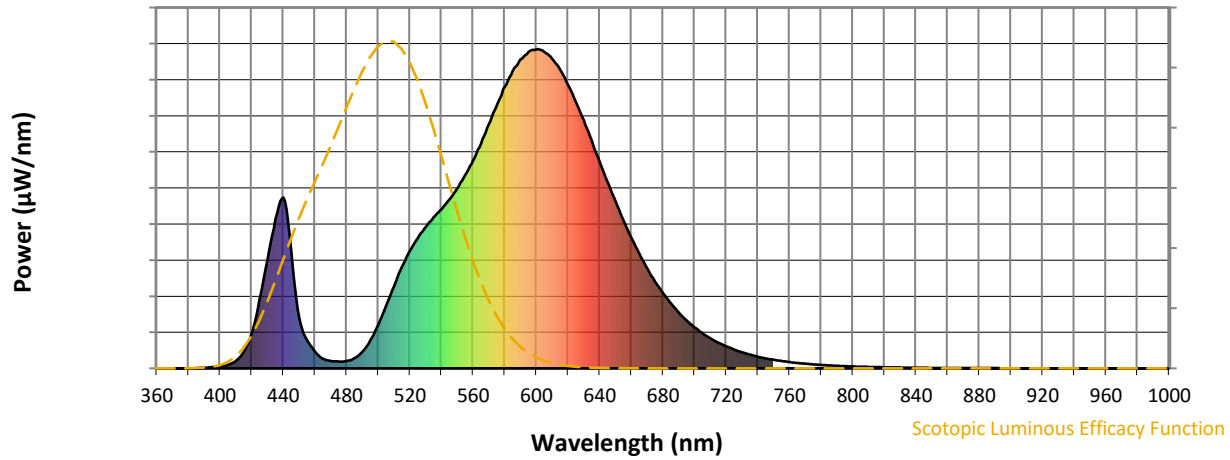


Photopic Lumens: NR

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



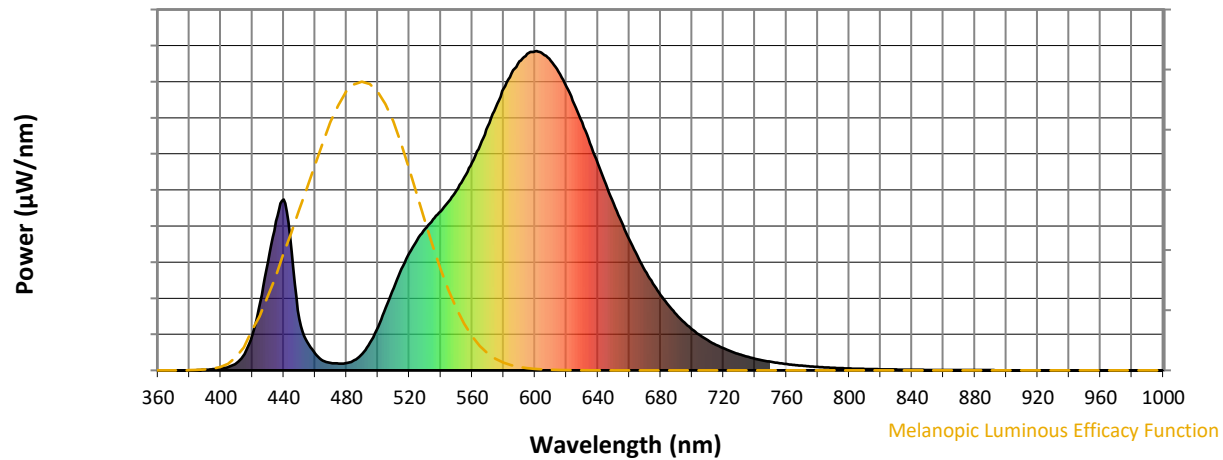
Scotopic Lumens: NR

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			

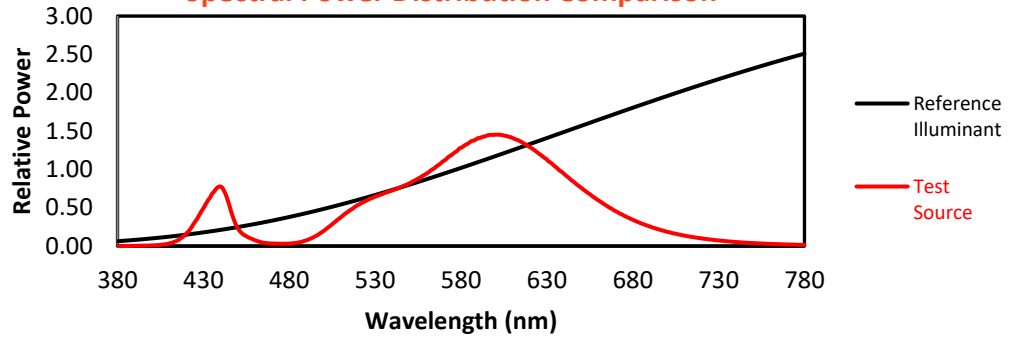
REPORT NUMBER: SP1-2407-184-3

TM-30-18

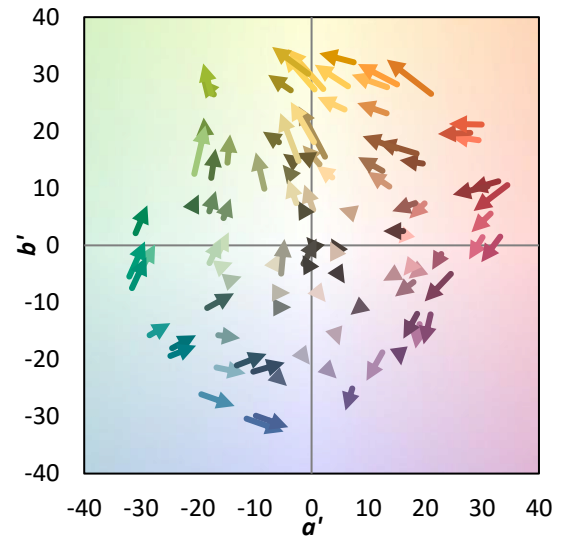
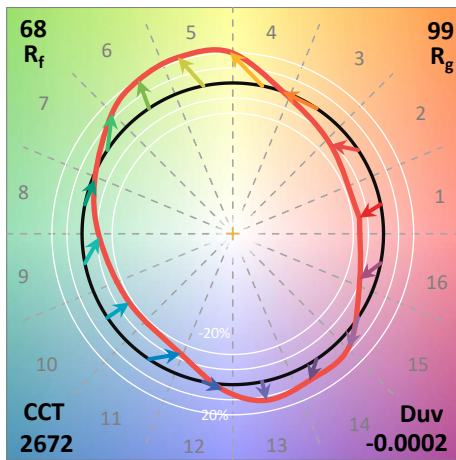
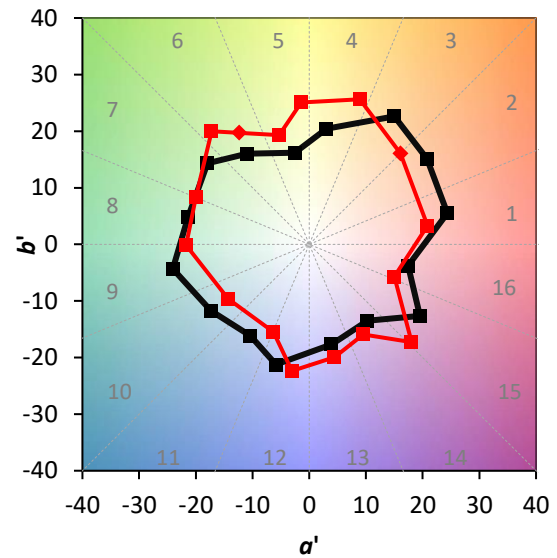
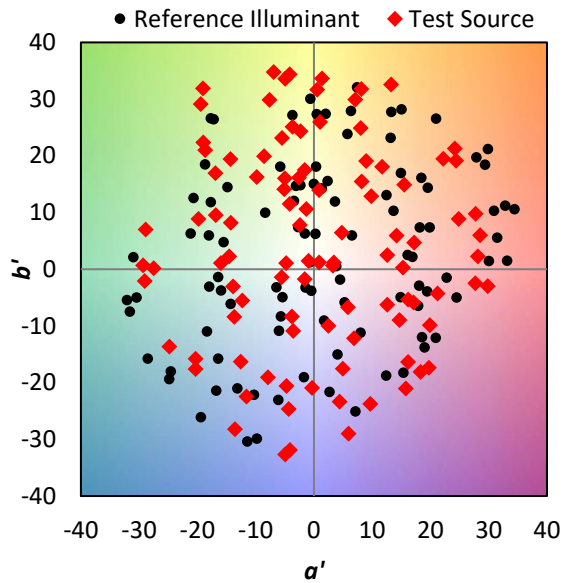
Summary

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

Spectral Power Distribution Comparison

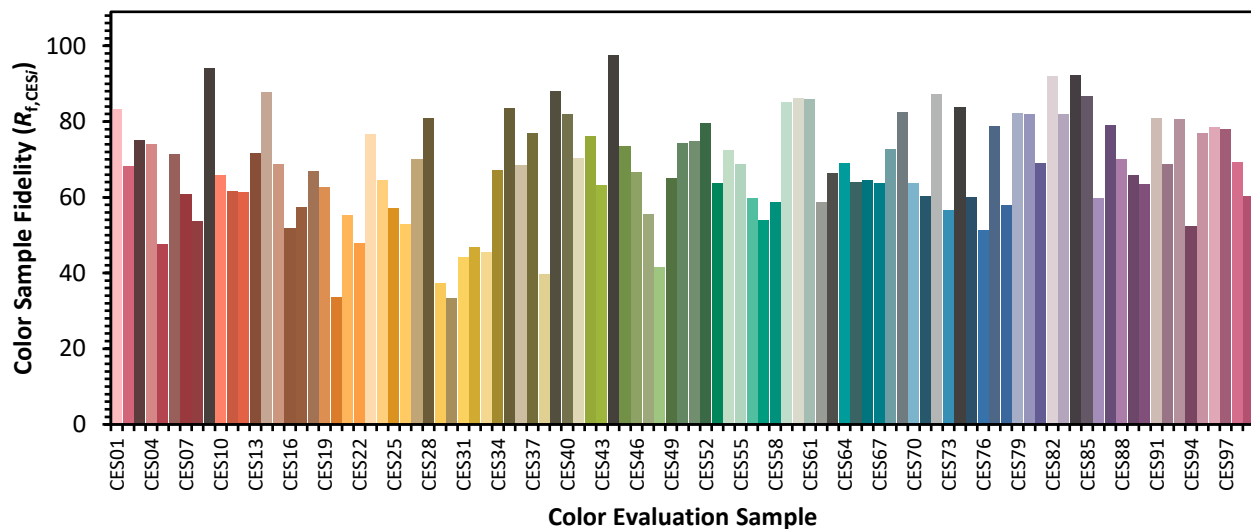


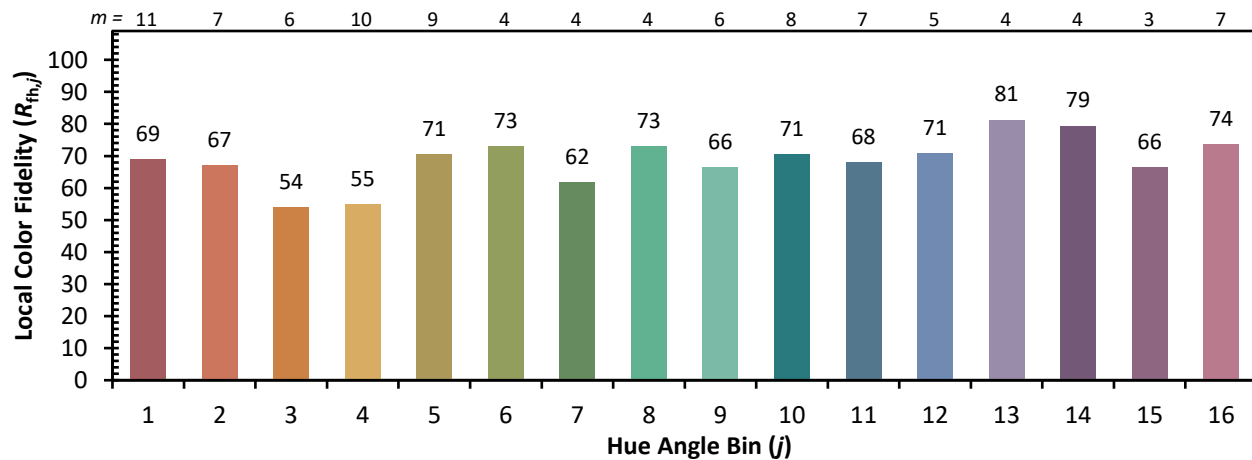
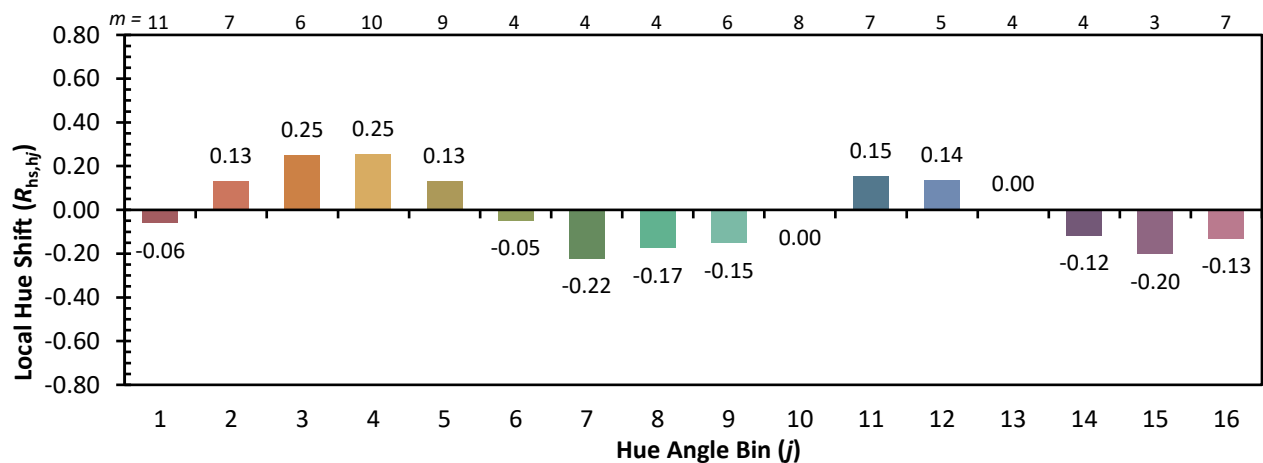
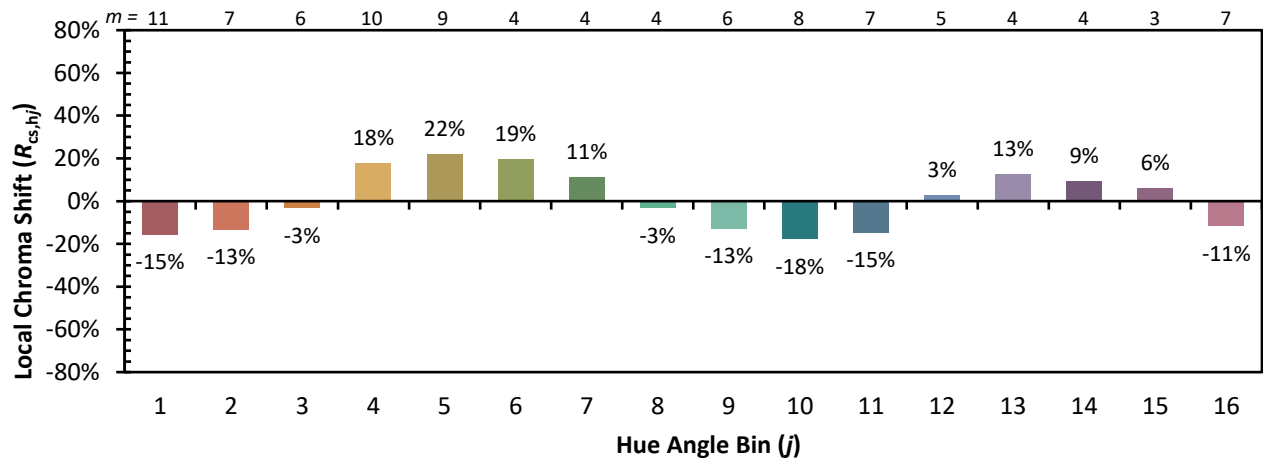
Color Vector Graphics



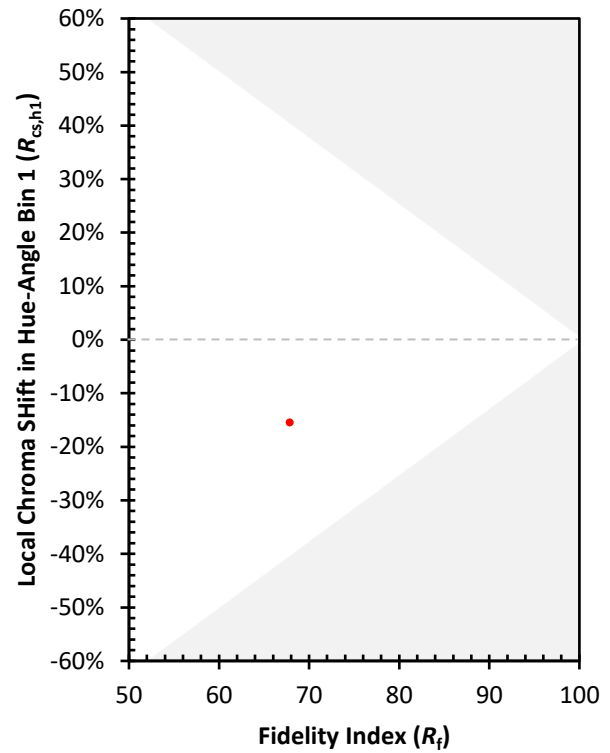
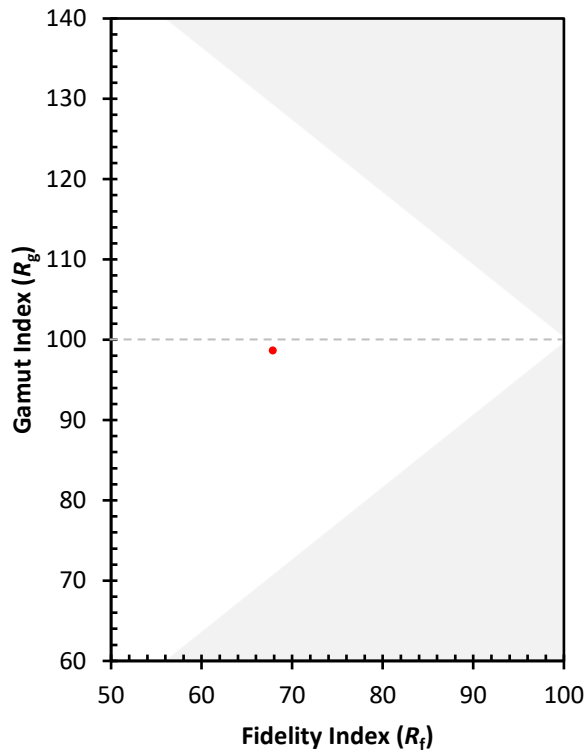
Individual Sample Fidelity Index ($R_{f,i}$)

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)