

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: P1057439

Luminaire Tested: **GAP-SA1B-727-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1057439
Test Lab: INNOVATION CENTER(G1)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAP-SA1B-727-U-T3BC
Description: GALLEON PEDESTRAIAN COMPANION 800mA 1xLight Square PACKAGE 70CRI
2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3895.7 lumens
Efficiency: N/A
Efficacy: 102.2 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 38.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

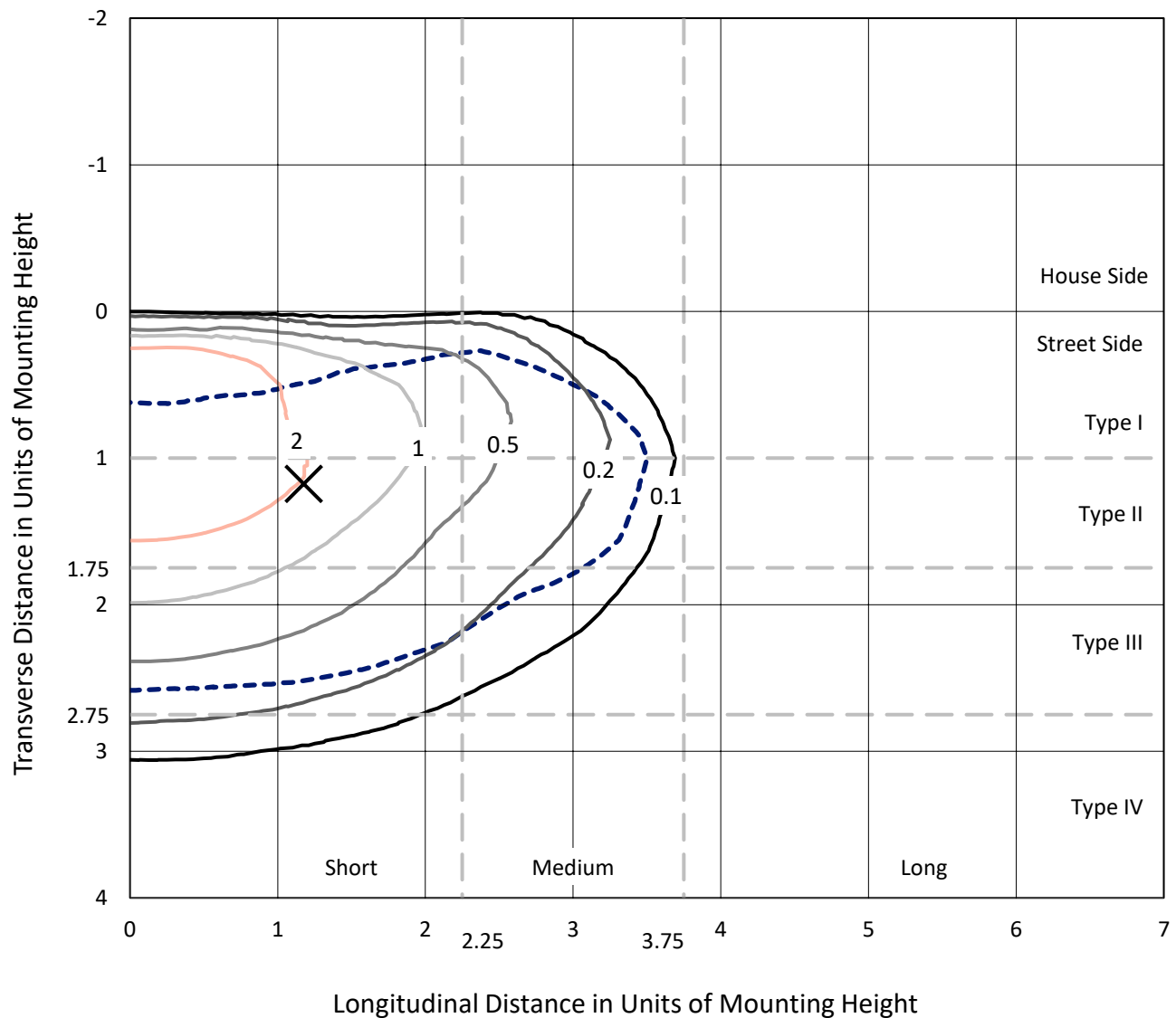


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

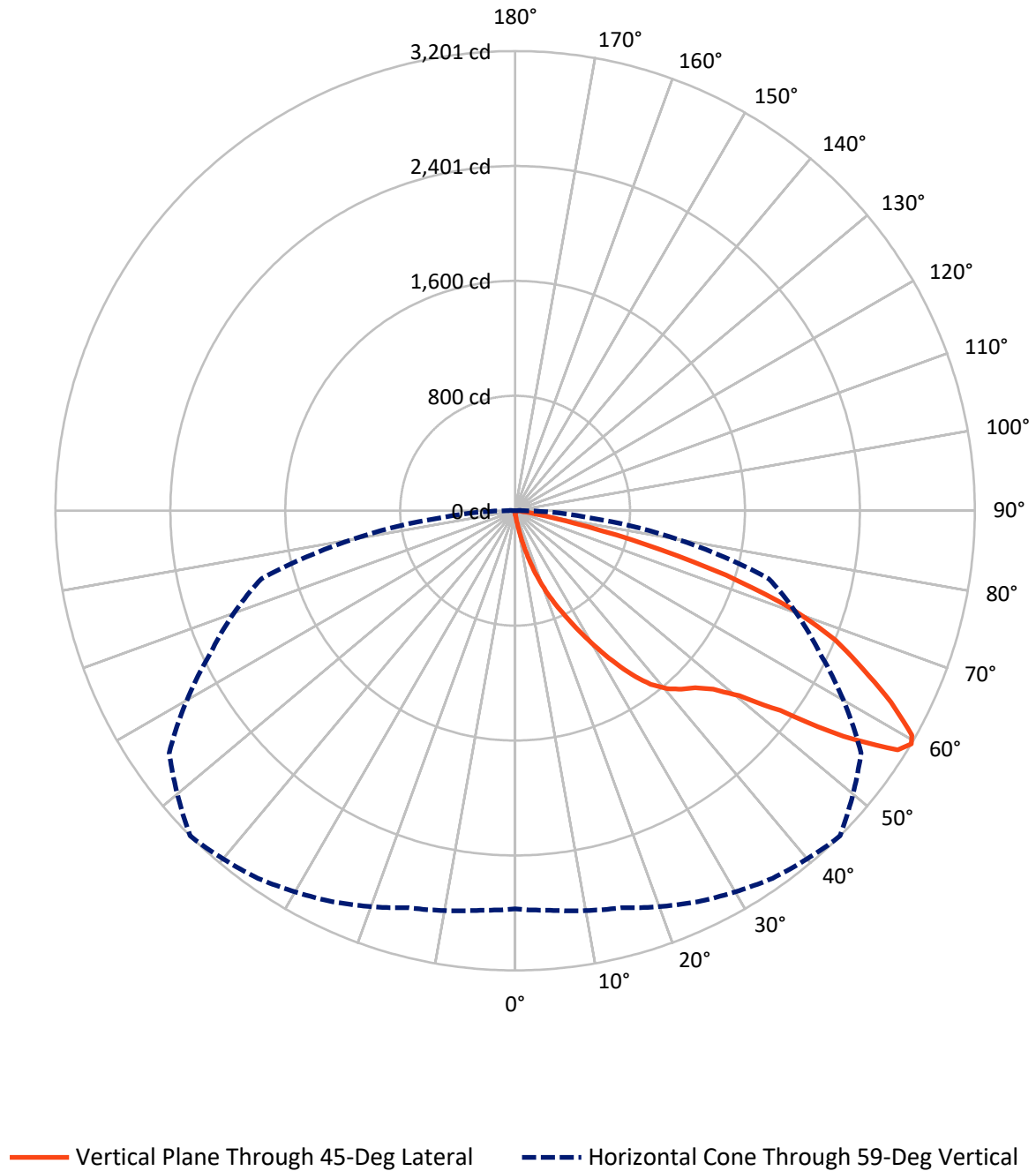


Based on 15 foot mounting height. Maximum calculated value = 4.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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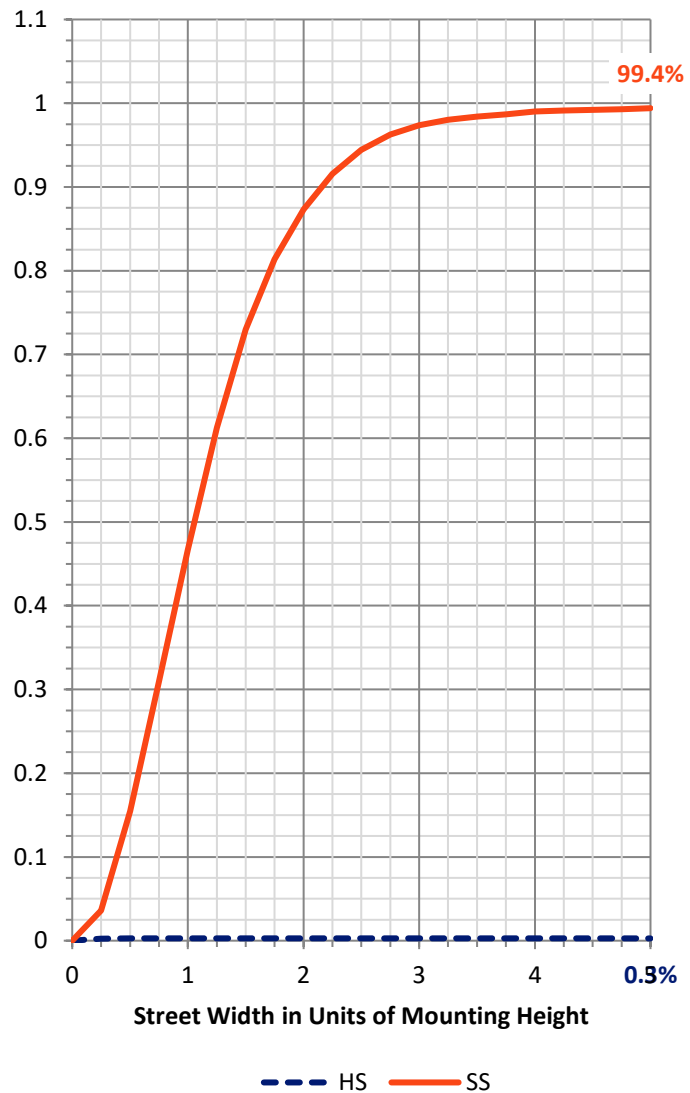
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10.6	0.0	10.6
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	3885.1	0.0	3885.1
	% Fixture	99.7	0.0	99.7
Total	Lumens	3895.7	0.0	3895.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.8	0.1
10°-20°	45.1	1.2
20°-30°	159.5	4.1
30°-40°	367.5	9.4
40°-50°	620.0	15.9
50°-60°	1022.2	26.2
60°-70°	1161.2	29.8
70°-80°	477.5	12.3
80°-90°	38.9	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°	3895.7	100.0
0°-180°	3895.7	100.0



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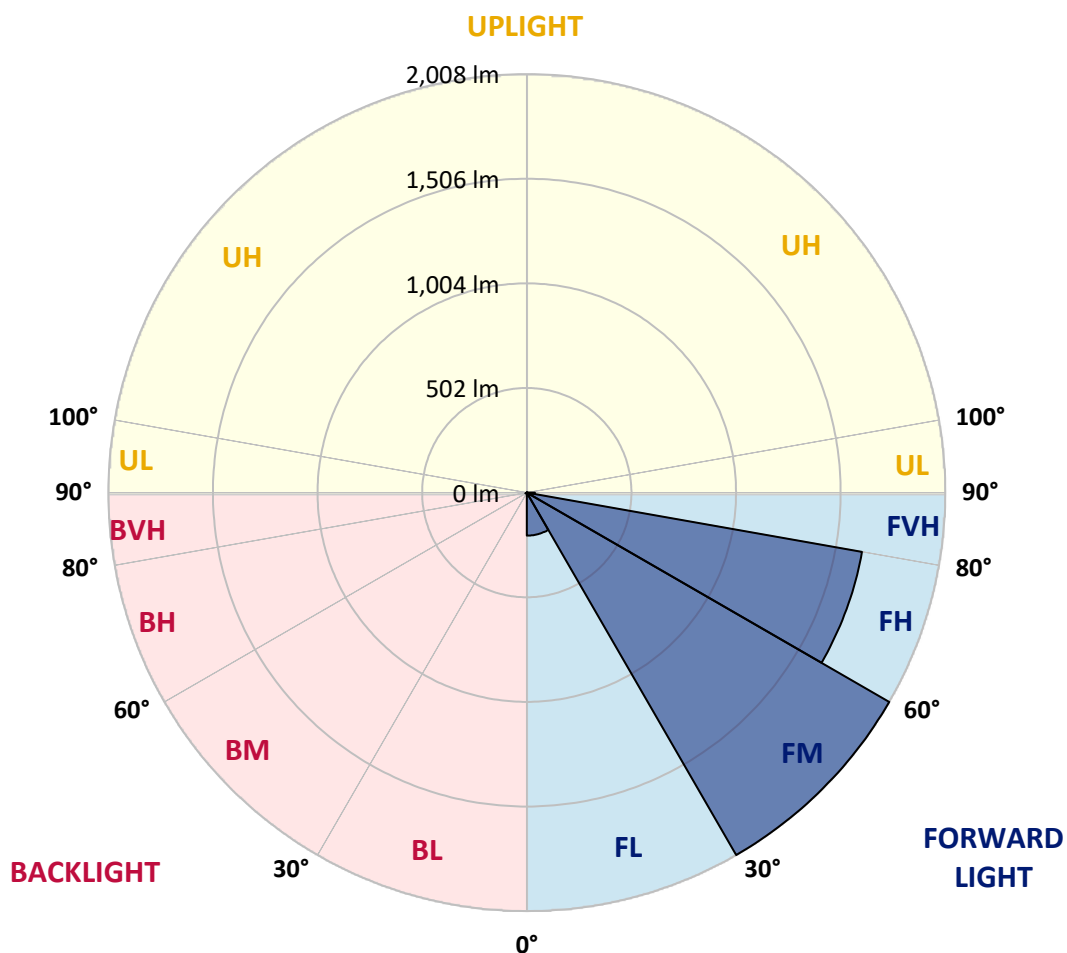
CATALOG NUMBER: GAP-SA1B-727-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	206.2	5.3			
FM	(30°-60°)	2007.8	51.5			
FH	(60°-80°)	1632.7	41.9			G1/1800
FVH	(80°-90°)	38.6	1.0			G1/100
BL	(0°-30°)	2.2	0.1	B0/110		
BM	(30°-60°)	2.0	0.1	B0/220		
BH	(60°-80°)	6.0	0.2	B0/110		G0/110
BVH	(80°-90°)	0.3	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
2.5°	29.1	29.4	29.1	28.8	27.5	26.2	26.2	25.3	24.3	23.4	22.4
5°	51.2	49.9	48.7	45.8	40.5	35.7	35.1	31.0	27.5	25.0	22.8
7.5°	129.9	126.4	114.4	100.2	76.2	58.5	57.8	43.9	33.2	27.2	23.1
10°	271.2	261.7	243.4	213.0	164.7	120.4	110.9	67.6	43.6	30.0	23.4
12.5°	412.2	412.5	395.1	353.7	294.6	223.5	211.1	122.3	62.3	35.1	23.7
15°	536.1	532.9	517.7	488.4	424.5	342.3	331.3	210.2	94.2	42.0	24.3
17.5°	630.9	626.5	617.3	597.4	550.6	469.7	458.0	317.0	146.0	51.2	24.7
20°	742.2	739.0	727.3	699.8	657.1	592.7	575.9	434.0	222.5	66.4	25.3
22.5°	880.0	870.8	856.6	821.5	768.7	699.5	693.8	552.8	316.4	90.1	26.6
25°	1039.3	1026.3	1009.6	965.3	900.2	816.1	809.2	669.5	417.5	125.8	28.4
27.5°	1232.4	1220.4	1190.4	1133.2	1055.1	954.6	946.7	788.6	529.8	174.5	31.0
30°	1441.7	1426.2	1376.6	1302.3	1228.0	1109.1	1090.2	910.6	642.0	235.2	34.5
32.5°	1636.7	1616.8	1555.5	1467.6	1389.8	1264.3	1247.6	1048.5	759.9	307.6	39.8
35°	1809.6	1786.2	1701.2	1605.4	1527.3	1416.7	1401.5	1182.5	874.3	389.7	46.5
37.5°	1947.1	1931.6	1814.0	1705.9	1642.4	1544.4	1534.3	1326.3	1001.7	484.6	55.6
40°	2089.0	2068.5	1930.3	1794.1	1722.0	1640.5	1628.5	1442.0	1124.0	587.0	67.0
42.5°	2209.1	2189.8	2059.9	1915.5	1803.0	1705.9	1698.3	1539.0	1242.5	693.5	81.9
45°	2336.2	2318.8	2202.5	2089.3	1920.5	1771.0	1758.1	1619.3	1358.2	818.0	101.5
47.5°	2510.7	2487.6	2376.7	2289.7	2096.6	1871.2	1856.7	1698.0	1475.5	948.3	128.6
50°	2729.1	2712.3	2632.0	2562.8	2358.0	2053.9	2023.0	1800.1	1586.8	1097.5	164.0
52.5°	2941.2	2935.5	2941.2	2916.5	2760.7	2371.0	2310.6	1971.7	1728.4	1253.3	210.2
55°	2967.7	2985.1	3053.7	3132.7	3106.8	2825.2	2774.3	2233.1	1903.5	1449.9	280.7
57.5°	2871.6	2881.4	2969.0	3108.4	3192.2	3149.2	3142.8	2665.9	2150.6	1683.5	386.6
59°	2773.3	2792.6	2862.5	3004.7	3124.8	3195.6	3200.7	2940.5	2338.7	1828.9	473.8
60°	2718.7	2724.7	2778.7	2918.7	3047.7	3159.6	3174.1	3081.2	2487.0	1938.6	551.9
62.5°	2546.1	2549.2	2578.3	2688.6	2802.7	2905.8	2936.4	3166.9	2898.5	2213.6	827.8
65°	2320.4	2324.5	2368.4	2474.3	2583.1	2652.3	2665.2	2926.6	3115.3	2499.9	1213.1
67.5°	1913.6	1936.7	1992.6	2159.5	2312.5	2395.3	2404.8	2503.1	2996.8	2693.7	1417.0
70°	1295.6	1273.8	1412.6	1644.9	1921.5	2046.0	2046.7	2089.6	2551.1	2646.0	1181.5
72.5°	565.8	600.6	701.7	906.2	1241.3	1541.6	1535.2	1681.3	2034.6	2248.0	878.4
75°	248.4	256.3	299.0	407.4	564.5	837.3	933.7	1349.7	1531.4	1470.1	638.8
77.5°	133.7	135.6	147.0	170.4	215.9	395.4	417.5	855.0	1085.8	847.4	412.8
80°	50.9	50.9	53.1	61.0	90.1	154.6	165.9	386.3	749.1	433.0	208.6
82.5°	31.9	31.3	31.6	31.9	36.7	52.8	56.3	153.6	353.7	213.7	55.0
85°	16.1	16.8	18.6	22.4	26.6	32.6	33.5	48.0	107.5	49.9	14.2
87.5°	10.4	10.7	11.7	15.2	18.6	23.7	24.3	33.5	42.7	35.1	2.8
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°	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
2.5°	22.1	21.5	20.5	19.6	18.6	17.1	15.8	15.2	14.9	14.5	14.5
5°	21.8	20.9	19.0	17.4	15.8	13.9	12.3	11.4	11.1	10.7	10.7
7.5°	21.5	19.9	17.7	15.5	13.3	11.1	9.2	8.2	7.9	7.6	7.3
10°	21.2	19.3	16.1	13.6	11.1	8.5	6.6	5.4	5.1	4.7	4.7
12.5°	20.9	18.3	14.9	12.0	8.9	6.0	4.4	3.2	2.5	2.2	2.2
15°	20.5	17.4	13.9	10.1	6.6	3.8	1.9	0.9	0.3	0.3	0.3
17.5°	19.6	16.4	12.3	7.9	4.4	1.9	0.6	0.0	0.0	0.0	0.0
20°	19.0	15.5	10.7	6.0	2.5	0.9	0.0	0.0	0.0	0.0	0.0
22.5°	18.6	14.9	9.2	4.1	1.9	0.0	0.0	0.0	0.0	0.0	0.0
25°	18.6	14.2	7.6	3.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	19.0	13.6	6.0	2.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0
30°	18.3	13.0	4.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	18.3	11.7	3.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	18.6	10.1	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	19.6	8.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	21.2	8.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	23.4	7.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	25.9	7.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	29.7	8.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	34.1	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	39.2	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	44.6	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	51.8	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	59.4	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	67.3	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	108.7	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	213.4	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	364.8	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	387.5	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	254.4	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	129.6	5.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	58.2	5.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	23.4	2.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	9.5	1.9	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	3.8	1.9	1.3	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.5	1.9	1.6	1.3	0.6	0.0	0.0	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

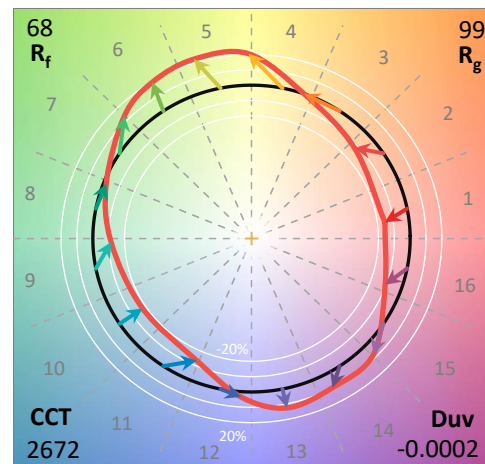
Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

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

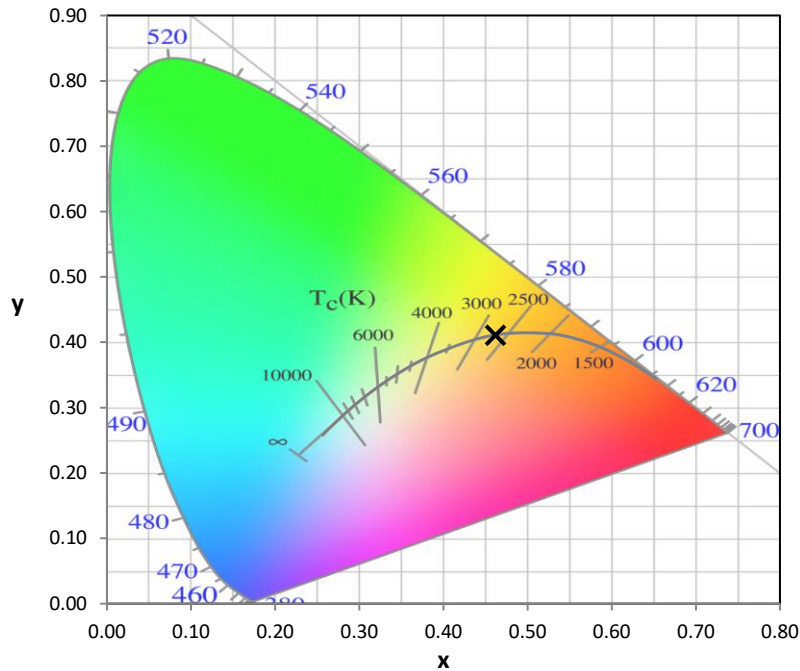
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-3

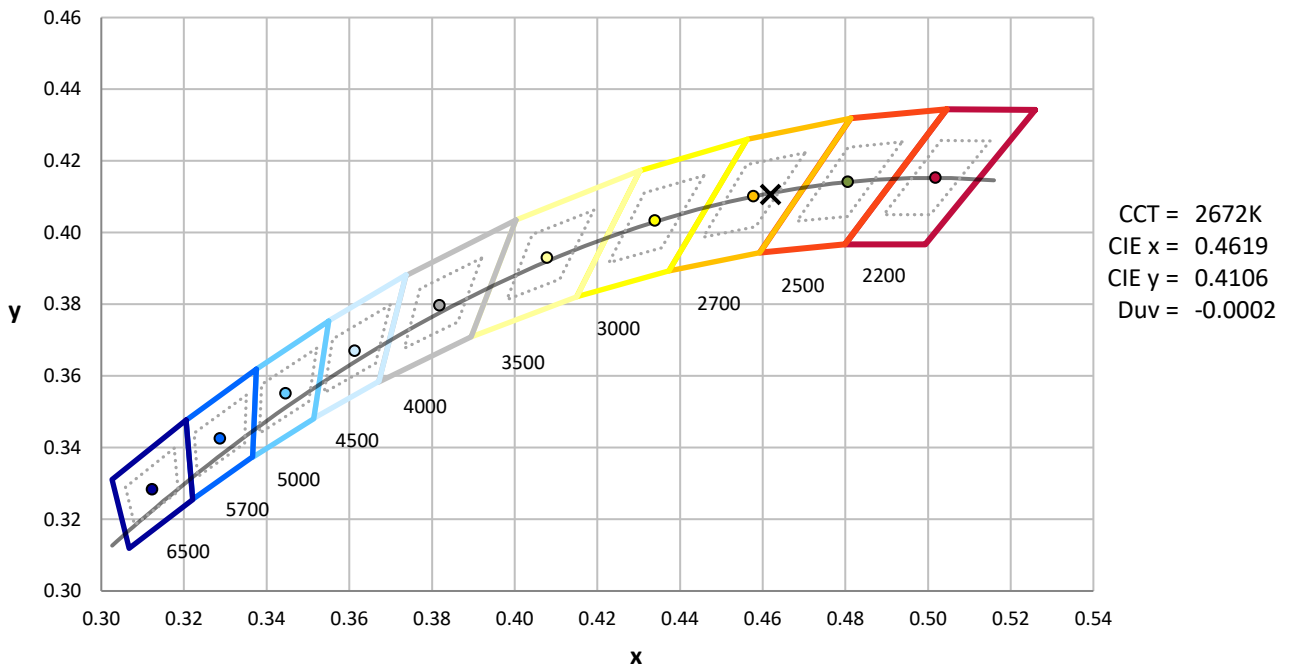
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



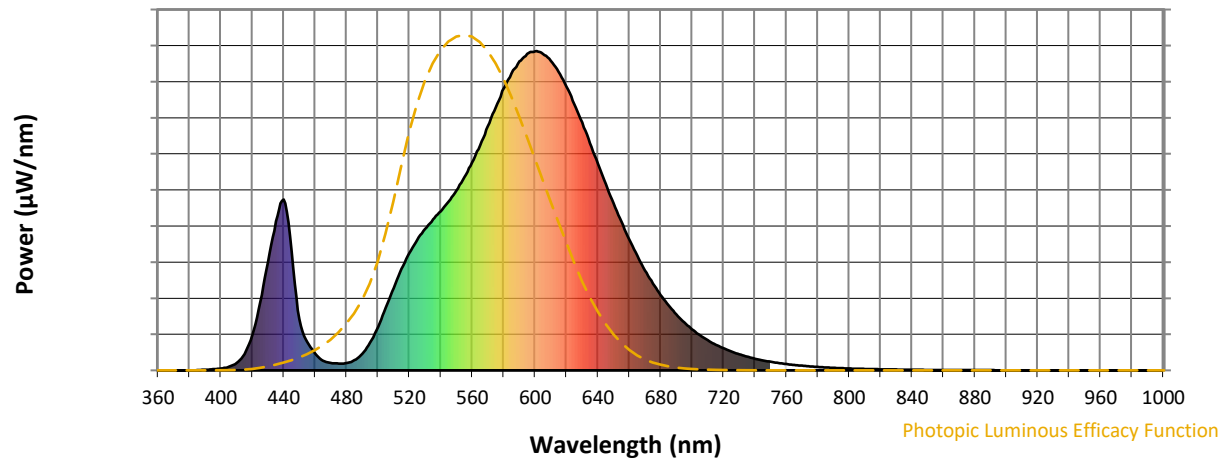
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

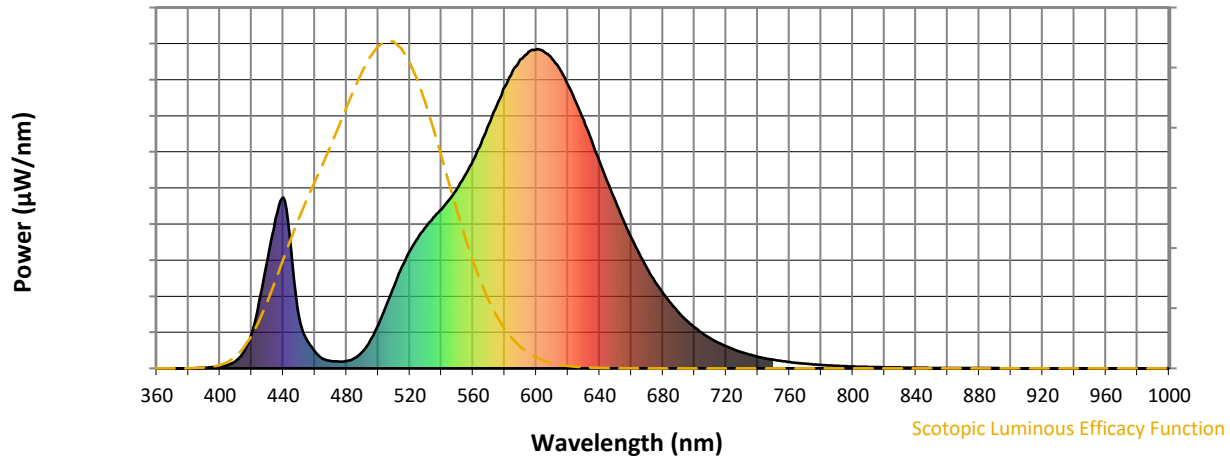


Photopic Lumens: NR

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



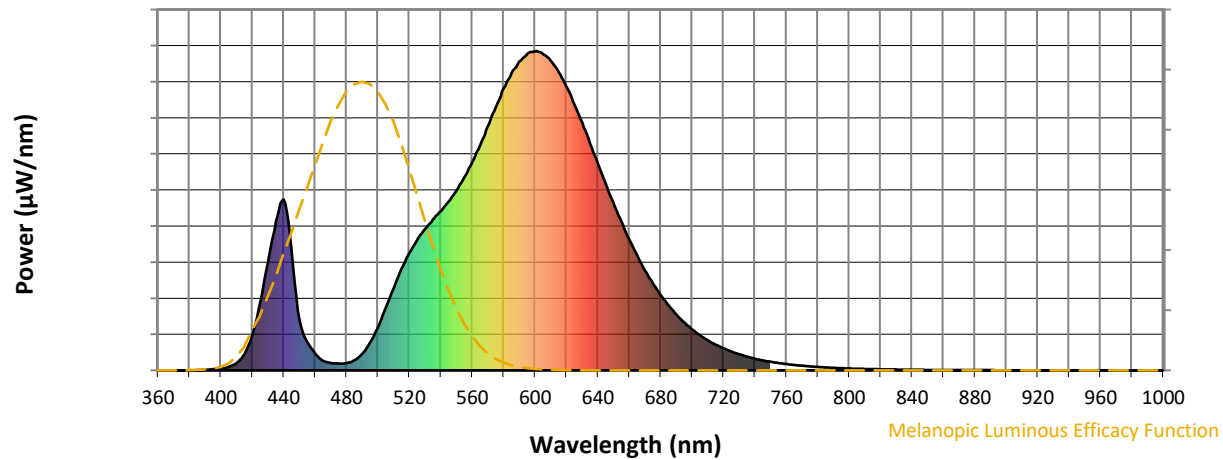
Scotopic Lumens: NR

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			

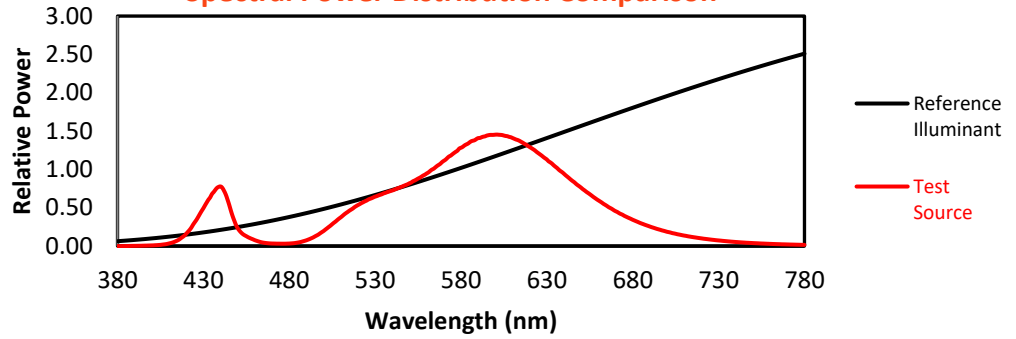
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TM-30-18

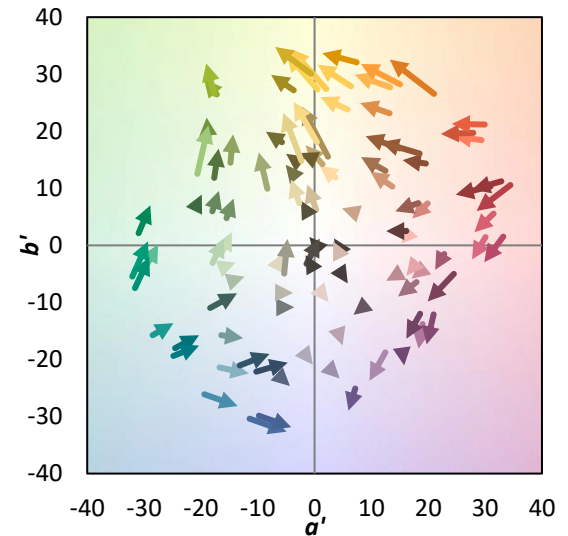
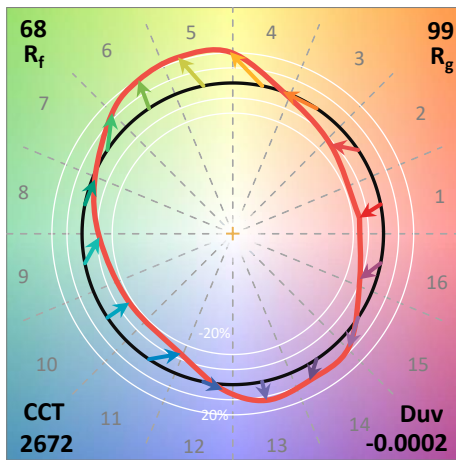
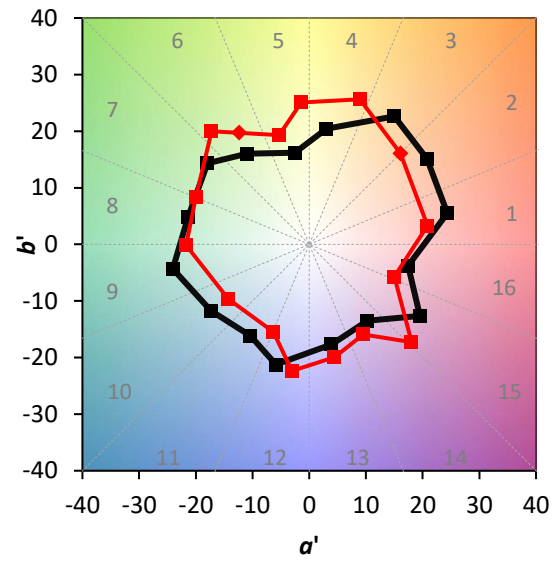
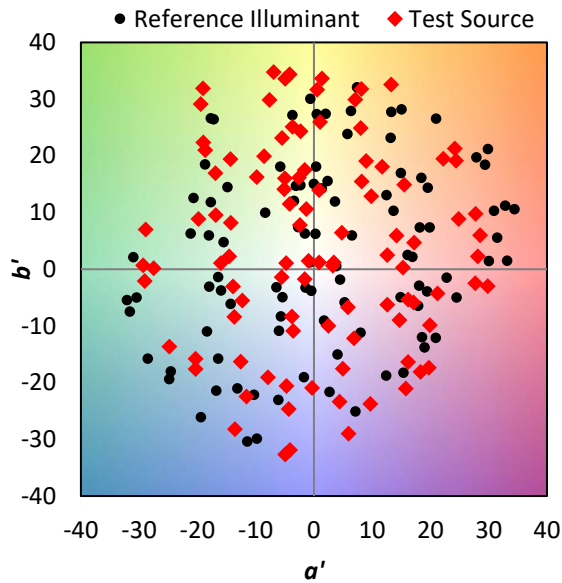
Summary

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

Spectral Power Distribution Comparison

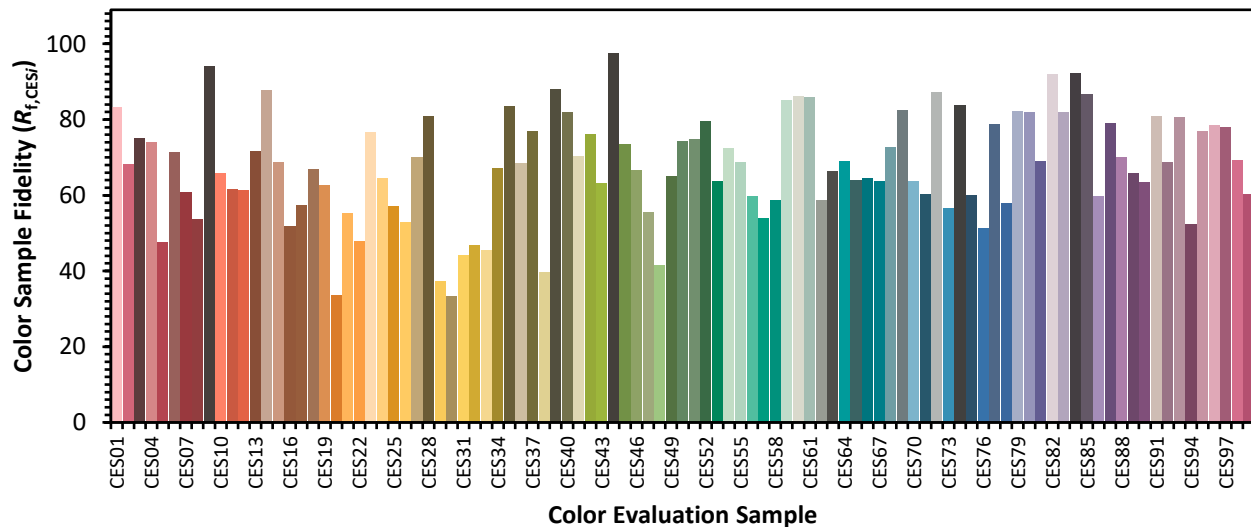


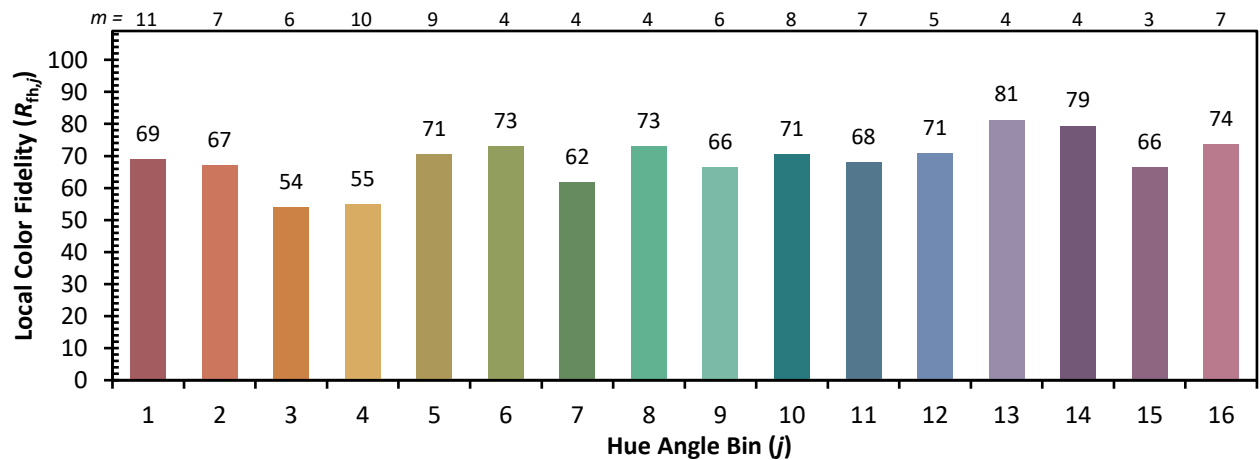
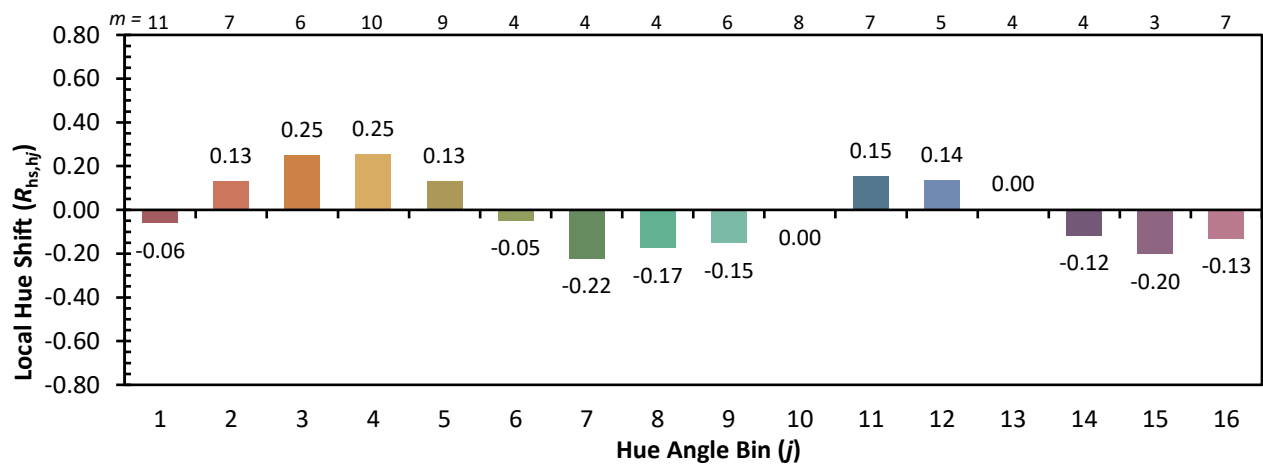
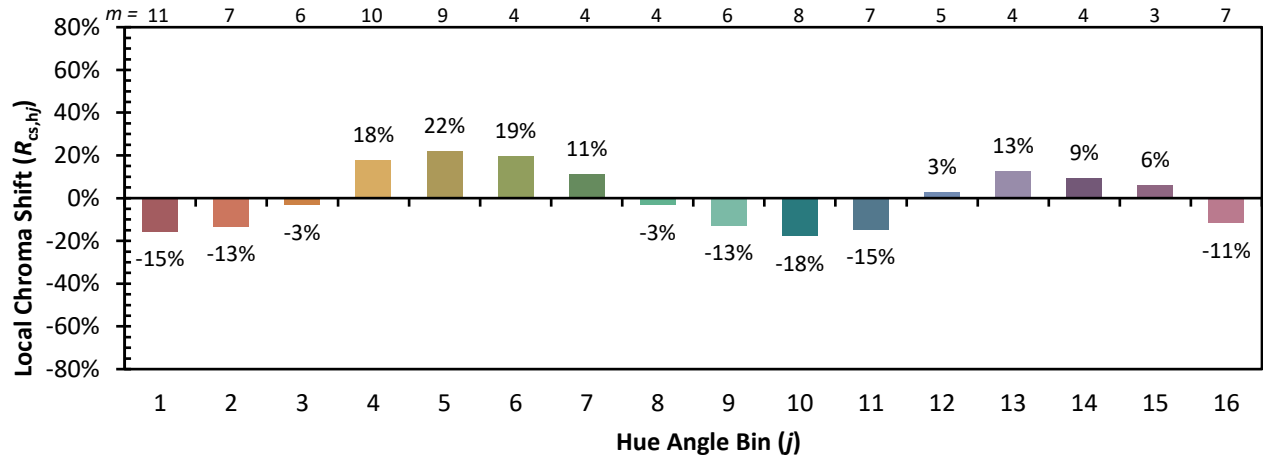
Color Vector Graphics



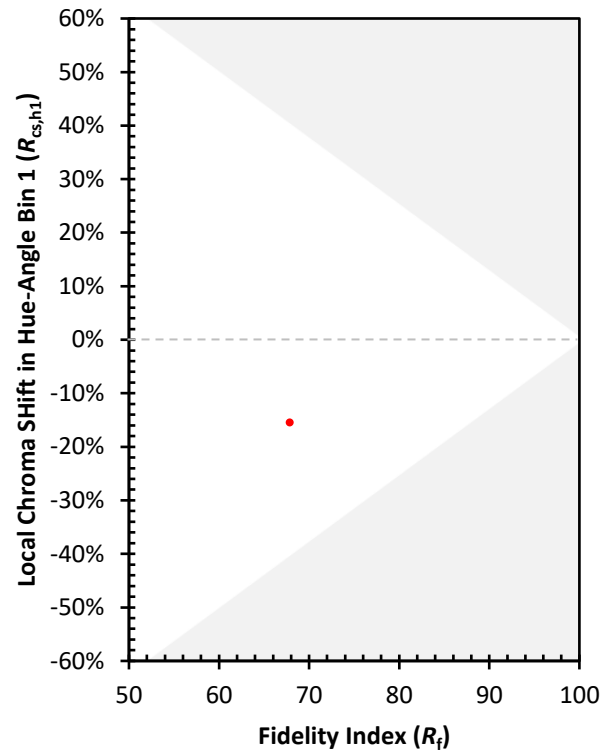
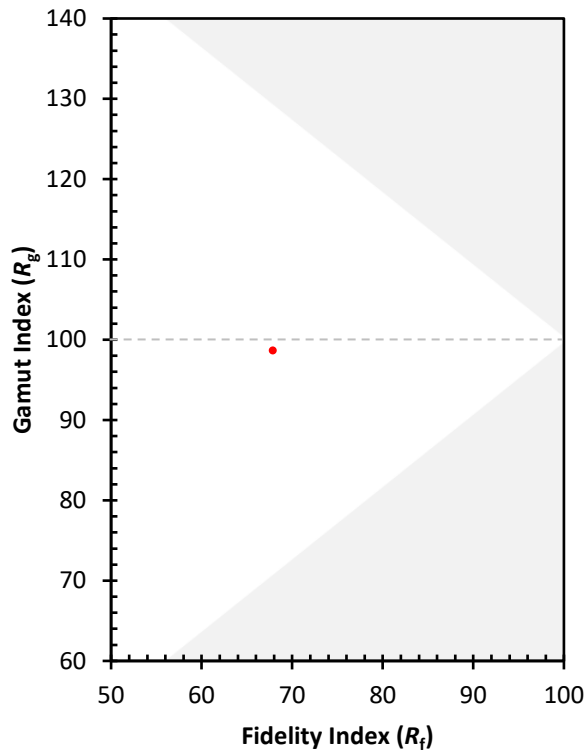
Individual Sample Fidelity Index ($R_{f,i}$)

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)