

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: P991161

Luminaire Tested: **GPC-SA1C-727-U-T4BC**

Issue Date: 07/03/2025

Test Information

Test Method: LM-79-08
Report Number: P991161
Test Lab: INNOVATION CENTER(G1)
Issue Date: 07/03/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GPC-SA1C-727-U-T4BC
Description: GALLEON PEDESTRAIAN COMPANION 1050mA 1xLight Square PACKAGE 70CRI
2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (14) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4614.2 lumens
Efficiency: N/A
Efficacy: 93.4 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 49.4
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: 24 FT

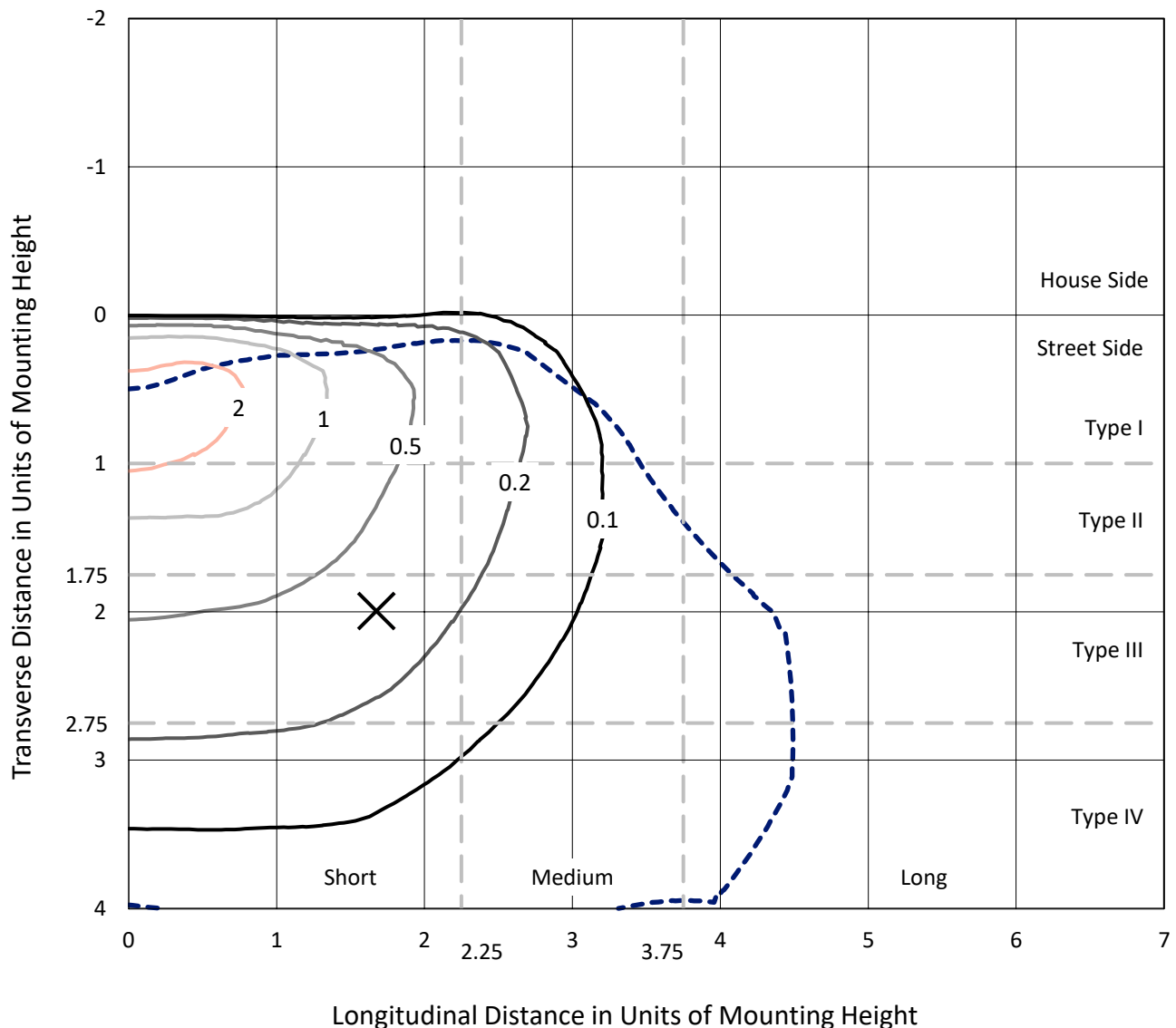


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Iso-Footcandle Lines of Horizontal Illumination

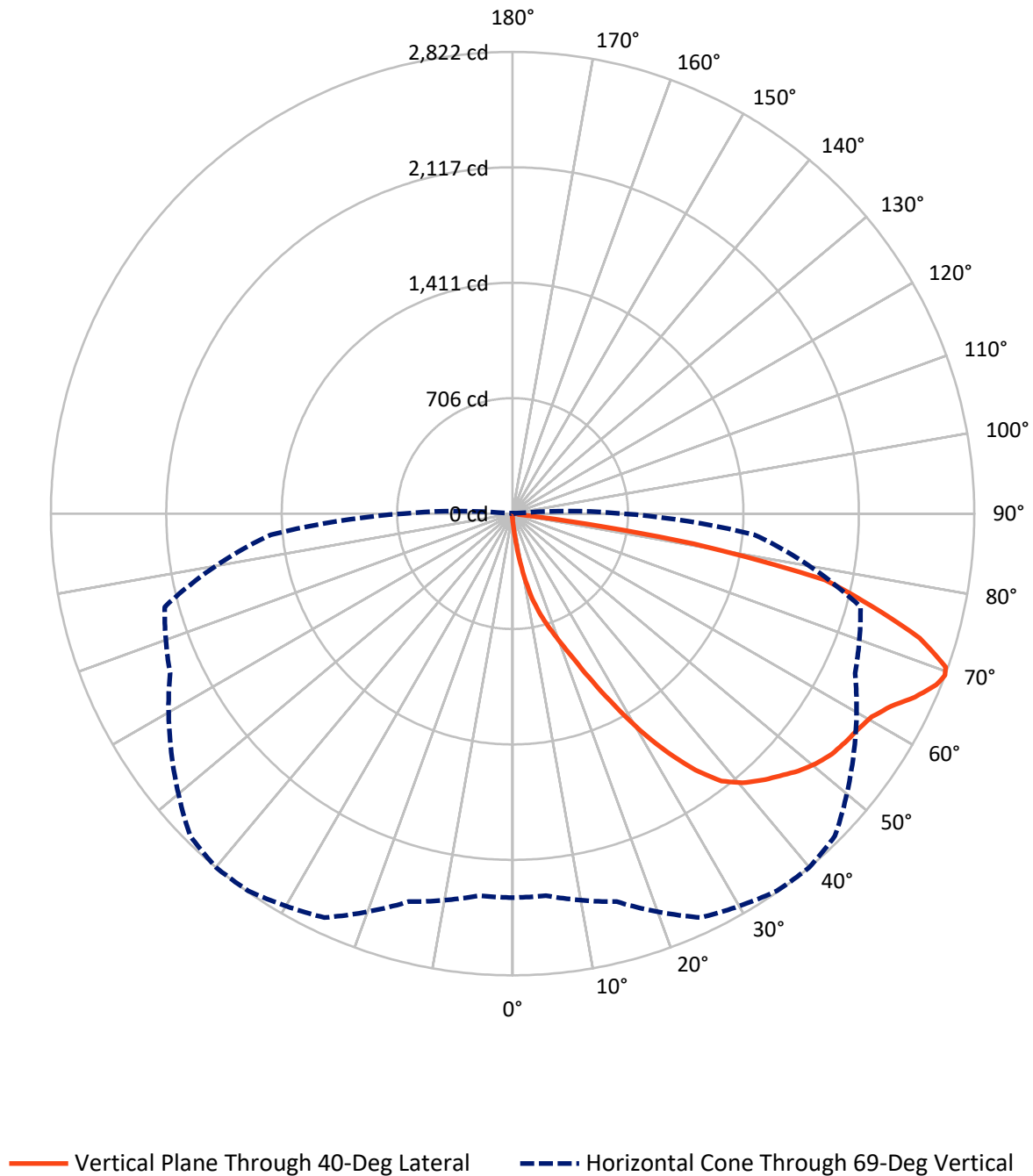
× Max cd
- - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 3 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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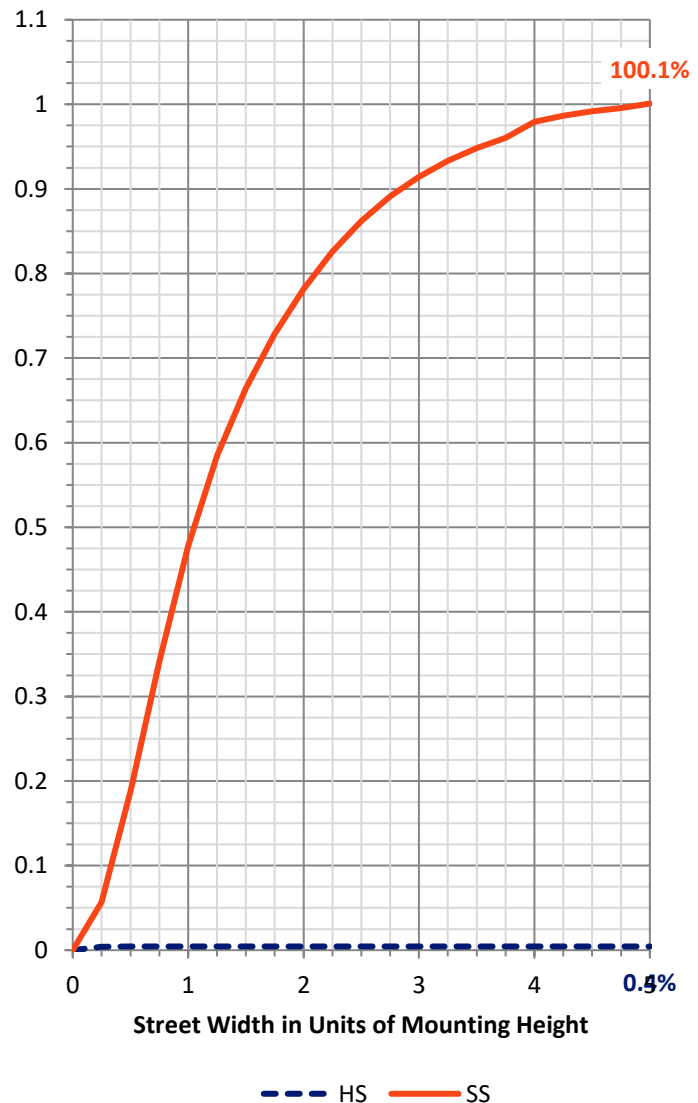
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	20.2	0.0	20.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	4594.0	0.0	4594.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	4614.2	0.0	4614.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.7	0.2
10°-20°	73.7	1.6
20°-30°	221.9	4.8
30°-40°	488.7	10.6
40°-50°	751.0	16.3
50°-60°	924.7	20.0
60°-70°	1167.5	25.3
70°-80°	898.0	19.5
80°-90°	78.9	1.7
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°	4614.2	100.0
0°-180°	4614.2	100.0

Coefficient of Utilization



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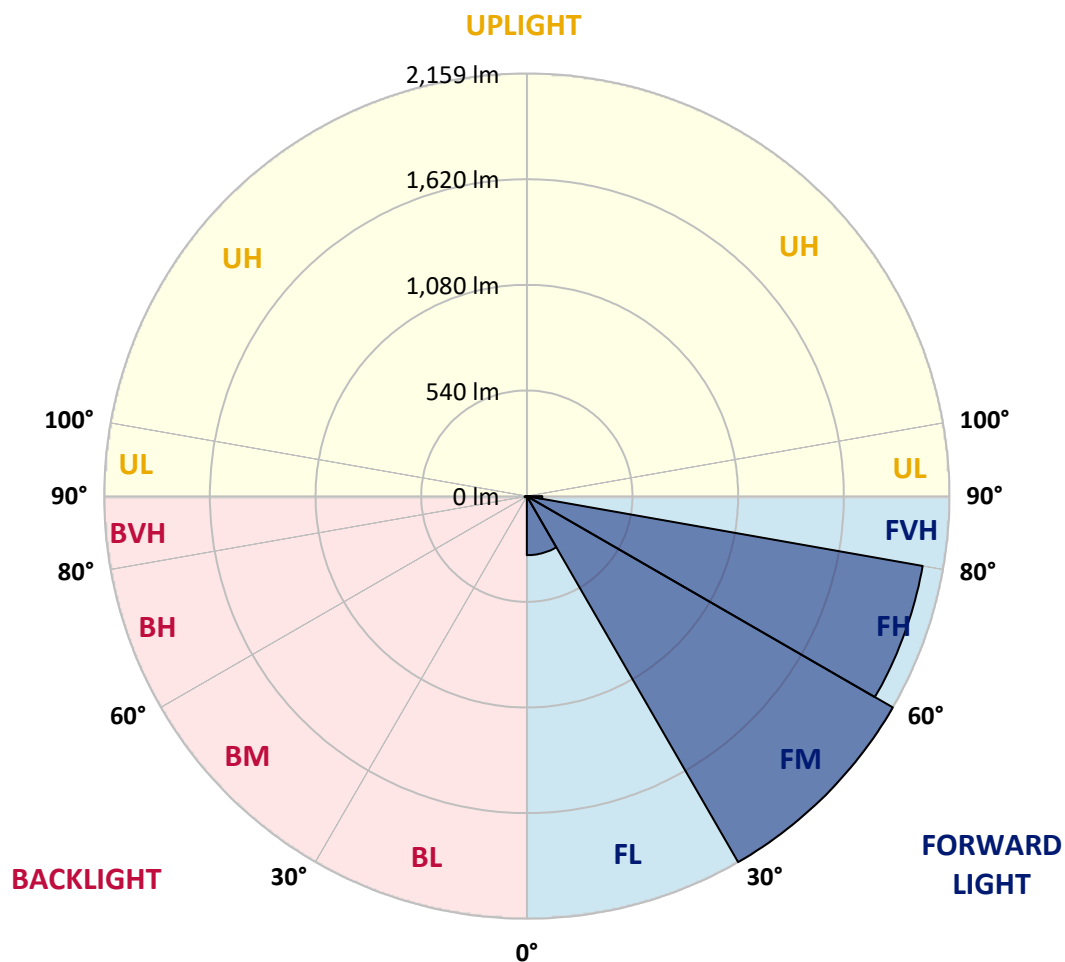
CATALOG NUMBER: GPC-SA1C-727-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	301.9	6.5			
FM	(30°-60°)	2159.5	46.8			
FH	(60°-80°)	2053.9	44.5			G2/5000
FVH	(80°-90°)	78.7	1.7			G1/100
BL	(0°-30°)	3.4	0.1	B0/110		
BM	(30°-60°)	4.9	0.1	B0/220		
BH	(60°-80°)	11.6	0.3	B0/110		G0/110
BVH	(80°-90°)	0.2	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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
2.5°	75.3	74.4	71.0	66.6	63.2	60.6	57.1	51.9	46.7	40.7	36.4
5°	197.3	196.5	182.6	165.3	141.9	126.4	110.8	85.7	64.9	50.2	38.1
7.5°	365.2	362.6	349.7	322.8	273.5	246.7	218.1	153.2	99.5	62.3	40.7
10°	531.4	529.7	513.2	474.3	420.6	393.8	355.7	261.4	156.7	81.4	44.1
12.5°	629.2	633.5	621.4	603.2	557.4	532.3	489.0	379.9	240.6	111.6	48.5
15°	709.7	711.4	700.2	688.9	663.8	643.1	606.7	506.3	341.0	152.3	53.7
17.5°	809.2	806.6	794.5	781.5	753.8	738.3	714.9	623.1	448.3	210.3	60.6
20°	935.6	928.7	914.8	892.3	862.0	843.0	818.7	742.6	555.6	274.4	69.2
22.5°	1097.4	1088.8	1074.1	1053.3	999.6	970.2	939.1	844.7	674.2	355.7	80.5
25°	1284.4	1280.1	1264.5	1235.0	1177.9	1139.0	1088.8	964.2	791.9	442.3	94.3
27.5°	1504.2	1496.4	1475.7	1441.0	1379.6	1328.5	1266.2	1095.7	904.4	534.0	111.6
30°	1750.0	1732.7	1690.3	1660.0	1588.2	1538.0	1465.3	1270.5	1020.4	630.1	129.8
32.5°	1978.5	1956.0	1894.5	1853.0	1786.4	1741.4	1674.7	1447.1	1151.1	730.5	153.2
35°	2185.4	2161.1	2061.6	1998.4	1964.7	1926.6	1859.1	1648.7	1292.2	837.8	180.0
37.5°	2360.2	2335.9	2207.9	2108.3	2087.6	2074.6	2020.0	1819.3	1452.3	959.0	211.2
40°	2458.0	2442.4	2331.6	2219.1	2179.3	2163.7	2123.9	1962.1	1630.6	1080.1	247.5
42.5°	2488.3	2478.8	2388.7	2333.3	2260.6	2229.5	2181.9	2071.1	1783.8	1216.0	289.1
45°	2471.8	2461.4	2395.7	2408.6	2348.1	2287.5	2222.6	2145.5	1912.7	1376.1	341.0
47.5°	2401.7	2398.3	2353.3	2426.8	2419.9	2350.7	2270.2	2194.9	2023.5	1531.0	405.9
50°	2230.4	2228.6	2249.4	2401.7	2467.5	2402.6	2322.1	2239.0	2111.8	1686.0	489.0
52.5°	1999.3	2011.4	2116.1	2355.0	2481.3	2443.3	2374.0	2289.2	2184.5	1840.9	600.6
55°	1877.2	1887.6	2025.2	2303.9	2478.8	2467.5	2426.8	2337.7	2251.1	1968.1	749.5
57.5°	1969.8	1958.6	2021.8	2297.0	2467.5	2488.3	2464.9	2375.8	2311.7	2080.6	955.5
60°	2145.5	2142.1	2149.9	2346.3	2490.9	2522.0	2505.6	2401.7	2371.4	2166.3	1182.3
62.5°	2323.0	2313.4	2321.2	2482.2	2572.2	2593.9	2574.0	2444.1	2418.2	2228.6	1428.1
65°	2411.2	2404.3	2440.7	2619.0	2688.2	2702.9	2676.9	2512.5	2426.0	2260.6	1583.0
67.5°	2400.0	2398.3	2483.1	2715.0	2785.1	2793.8	2772.2	2580.9	2393.1	2259.8	1599.4
69°	2347.2	2343.7	2455.4	2724.5	2816.3	2822.3	2786.9	2546.3	2310.0	2201.8	1482.6
70°	2284.9	2288.3	2414.7	2707.2	2817.2	2808.5	2726.3	2496.9	2246.8	2135.2	1333.7
72.5°	2052.9	2074.6	2247.7	2593.9	2698.6	2601.6	2494.3	2335.1	2126.5	1820.1	931.3
75°	1717.1	1747.4	1970.7	2358.4	2320.4	2271.9	2258.9	2137.7	1926.6	1209.1	662.1
77.5°	839.5	939.9	1398.6	1811.5	1904.1	1953.4	1935.2	1767.3	1548.4	593.7	431.9
80°	44.1	45.9	73.6	173.1	881.9	1121.7	1379.6	1349.3	1171.9	270.9	227.6
82.5°	23.4	23.4	26.0	30.3	35.5	42.4	112.5	772.9	696.7	139.3	84.8
85°	13.0	13.0	15.6	20.8	26.8	31.2	35.5	46.7	149.7	50.2	13.8
87.5°	6.1	7.8	10.4	14.7	19.0	24.2	27.7	34.6	44.1	42.4	2.6
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°	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
2.5°	33.8	32.0	29.4	27.7	26.8	25.1	23.4	22.5	21.6	20.8	21.6
5°	33.8	31.2	26.8	24.2	22.5	19.9	18.2	17.3	16.4	15.6	15.6
7.5°	33.8	29.4	24.2	20.8	18.2	16.4	13.8	13.0	12.1	11.3	11.3
10°	34.6	27.7	21.6	18.2	15.6	13.0	11.3	9.5	8.7	8.7	8.7
12.5°	34.6	26.0	19.0	15.6	13.0	10.4	7.8	6.1	5.2	5.2	5.2
15°	34.6	24.2	17.3	13.0	10.4	7.8	4.3	2.6	1.7	1.7	0.9
17.5°	35.5	23.4	15.6	11.3	7.8	4.3	0.9	0.0	0.0	0.0	0.0
20°	37.2	22.5	13.8	9.5	5.2	1.7	0.0	0.0	0.0	0.0	0.0
22.5°	38.9	21.6	12.1	6.9	2.6	0.9	0.0	0.0	0.0	0.0	0.0
25°	42.4	21.6	11.3	6.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	45.9	21.6	8.7	3.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0
30°	48.5	21.6	7.8	2.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	51.9	21.6	6.9	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	54.5	20.8	5.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	57.1	19.9	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	60.6	19.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	64.0	17.3	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	68.4	16.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	74.4	15.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	83.1	15.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	97.8	15.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	122.0	15.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	164.4	15.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	247.5	15.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	382.5	17.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	585.1	20.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	741.7	25.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69°	669.9	23.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	567.8	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	315.9	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	164.4	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	70.1	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	20.8	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	6.9	1.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.6	1.7	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.7	0.9	0.9	0.9	0.9	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

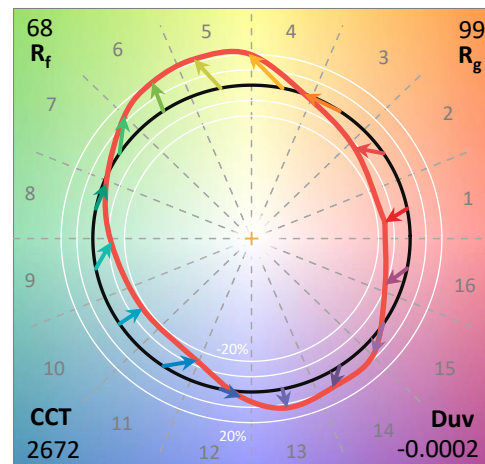
Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

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

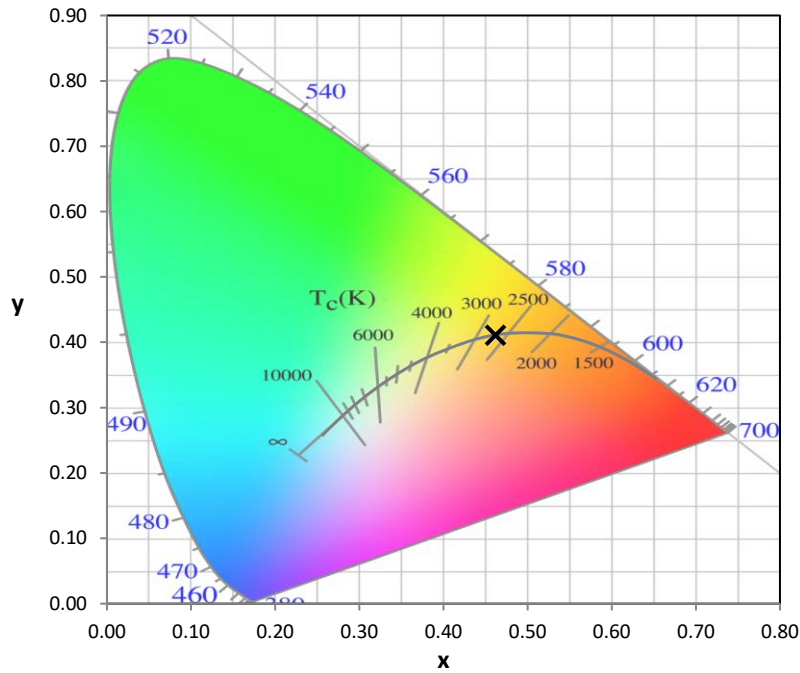
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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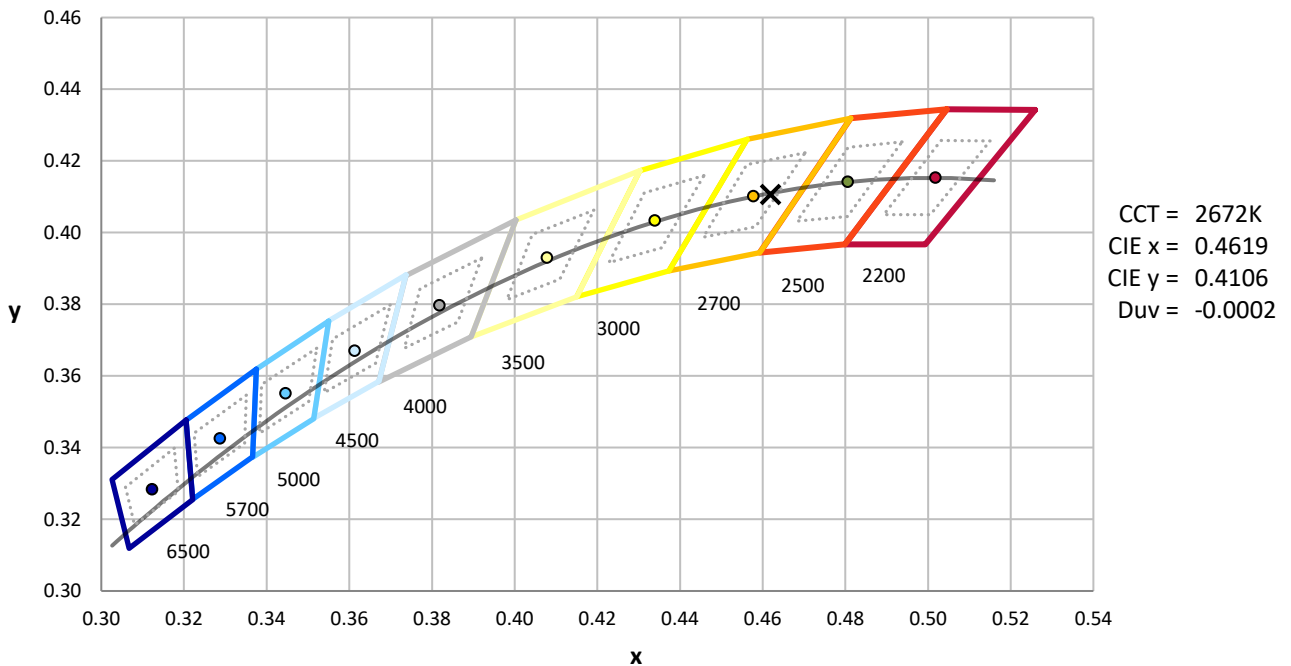
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



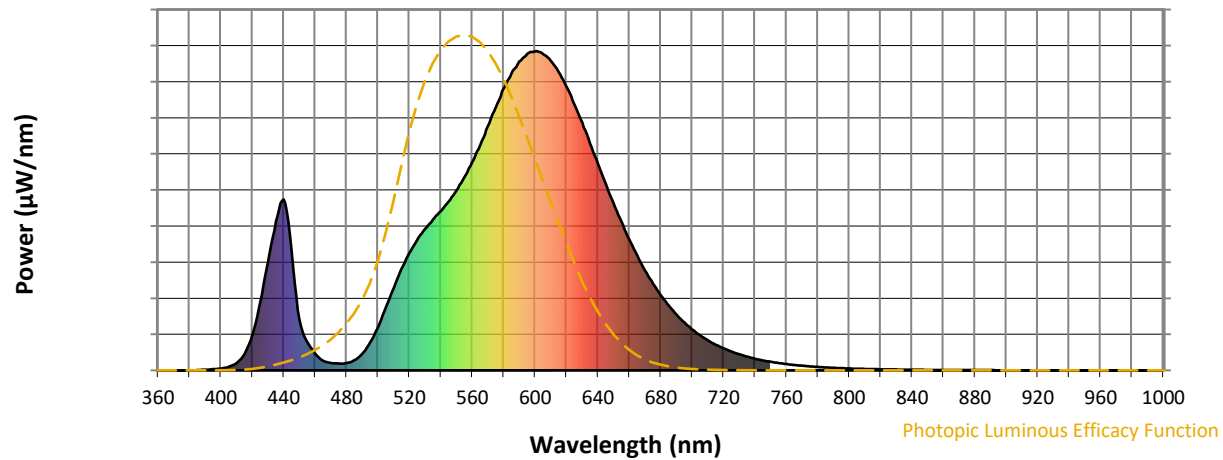
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

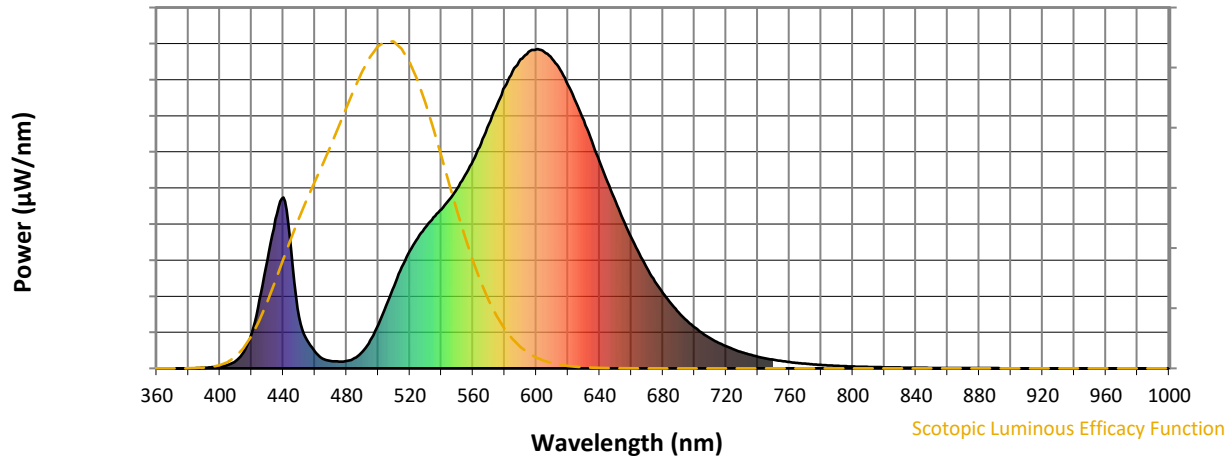


Photopic Lumens: NR

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



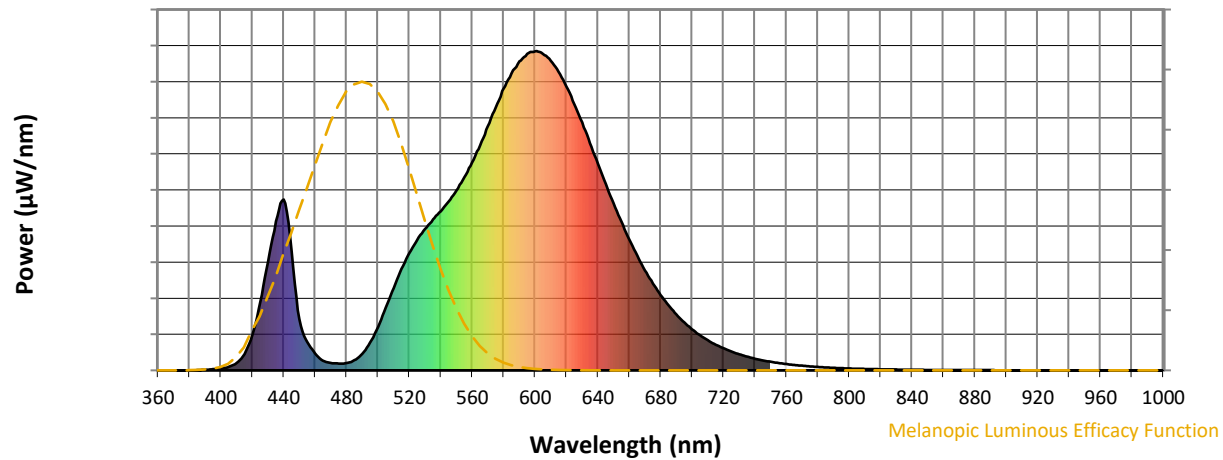
Scotopic Lumens: NR

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			

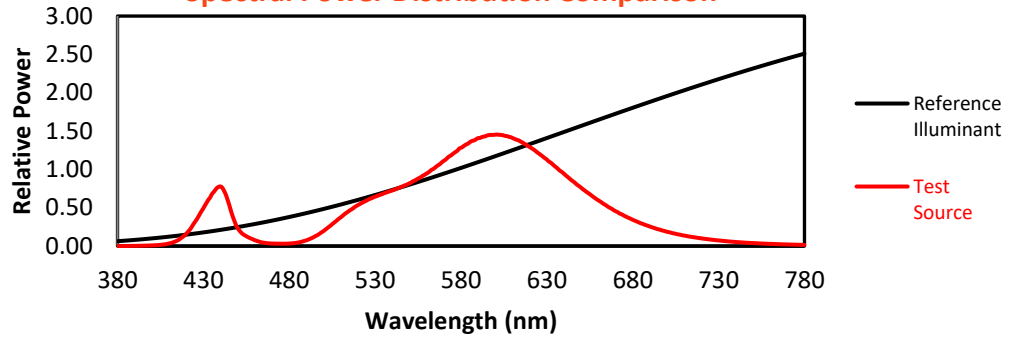
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TM-30-18

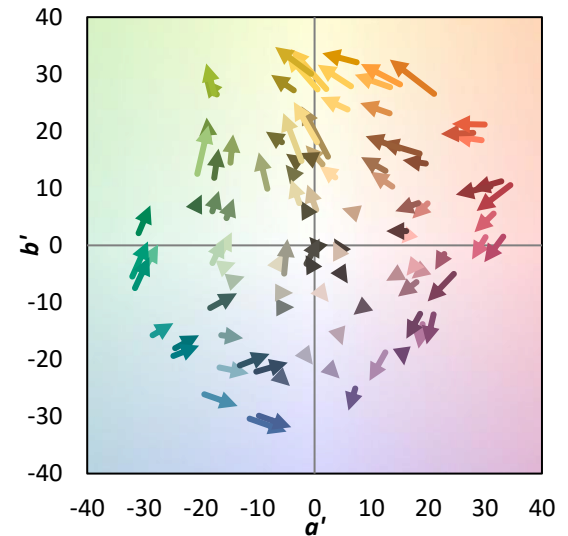
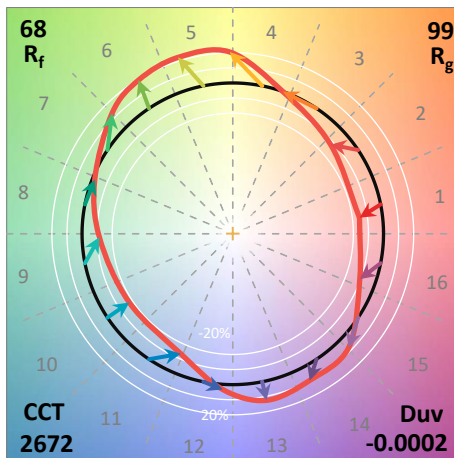
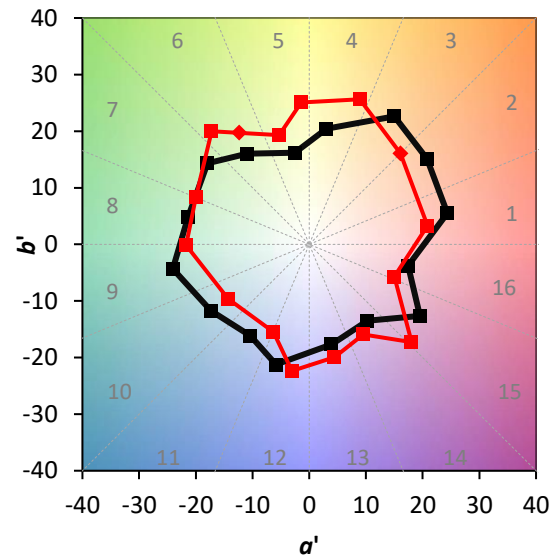
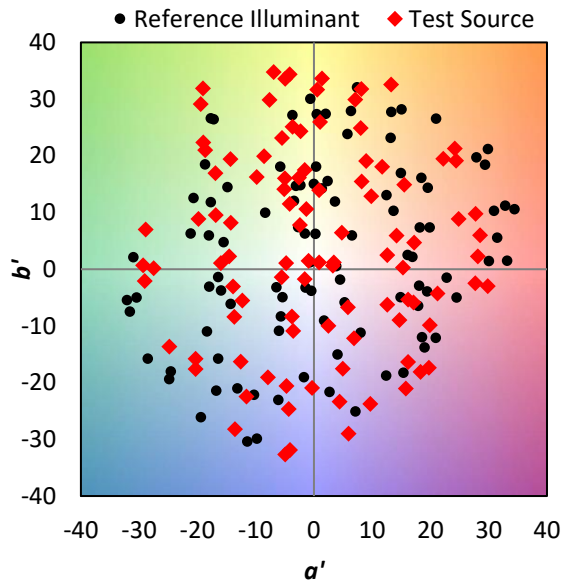
Summary

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

Spectral Power Distribution Comparison

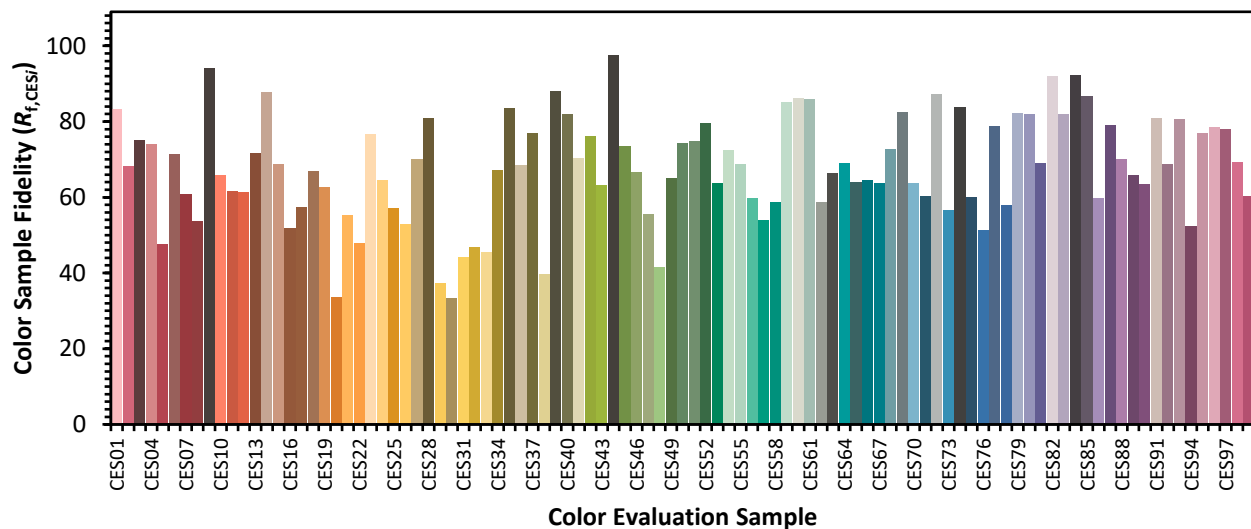


Color Vector Graphics

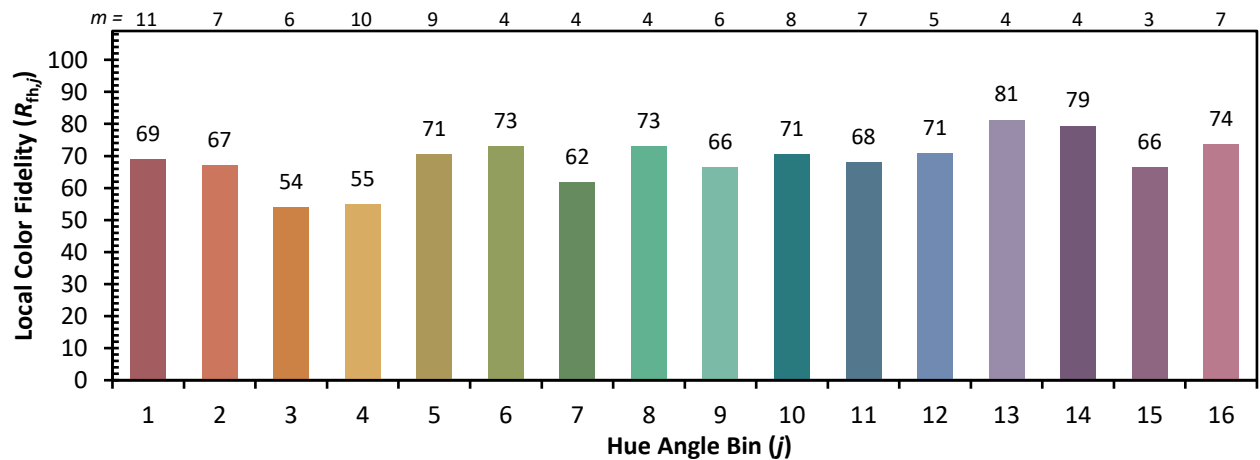
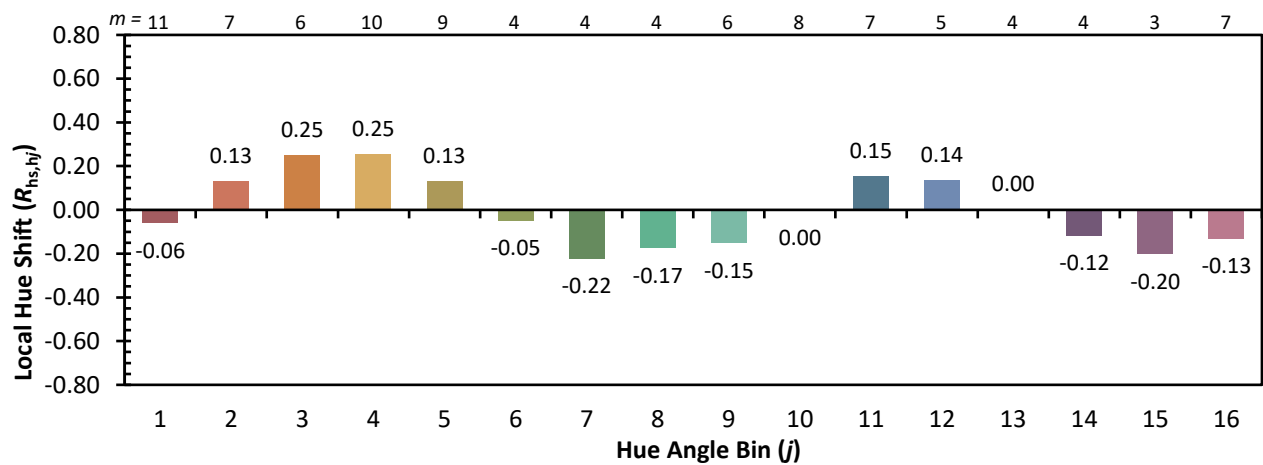
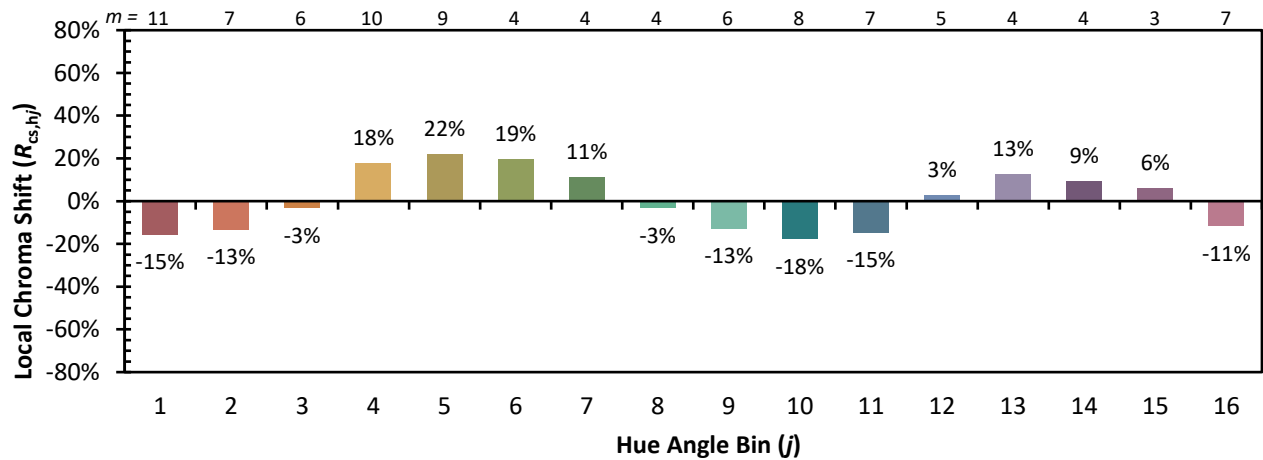


Individual Sample Fidelity Index ($R_{f,i}$)

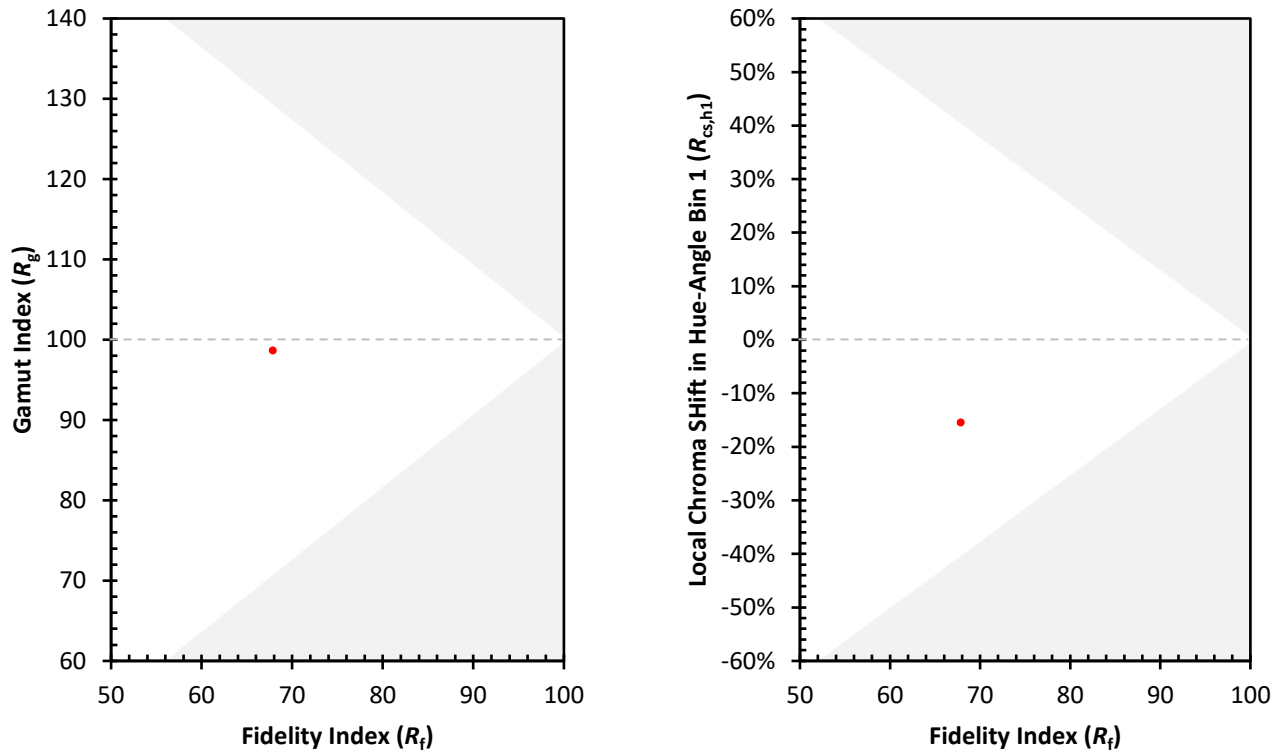
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CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 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)