

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: P1057444

Luminaire Tested: **GAP-SA2A-727-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1057444
Test Lab: INNOVATION CENTER(G1)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAP-SA2A-727-U-T3BC
Description: GALLEON PEDESTRAIAN COMPANION 615mA 2xLight Square PACKAGE 70CRI
2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (28) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5940.5 lumens
Efficiency: N/A
Efficacy: 106.8 lumens/watt
Luminous Opening: Rectangular (W 1.33' x L: 0.67' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 55.6
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



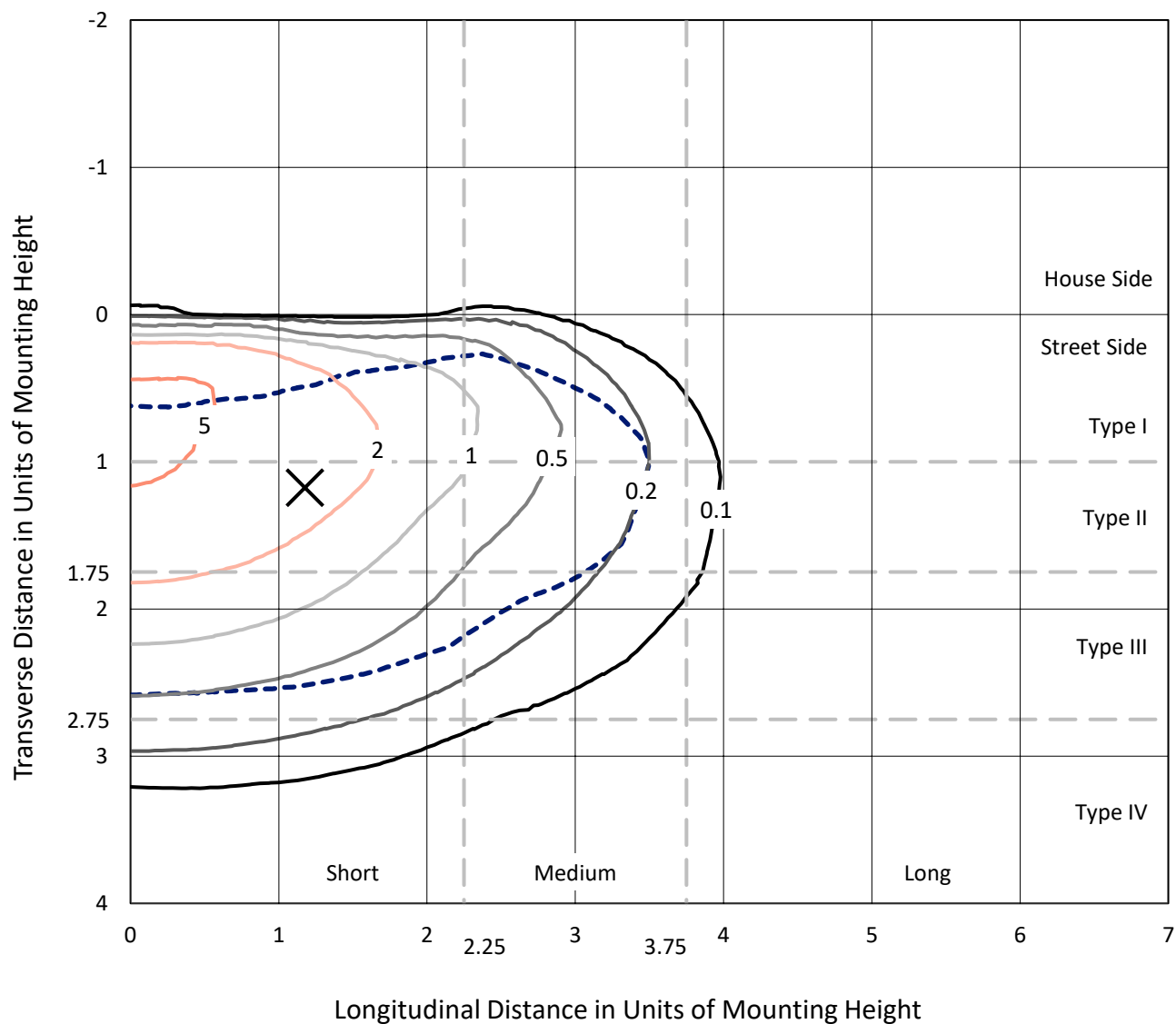
REPORT NUMBER: P1057444

CATALOG NUMBER: GAP-SA2A-727-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

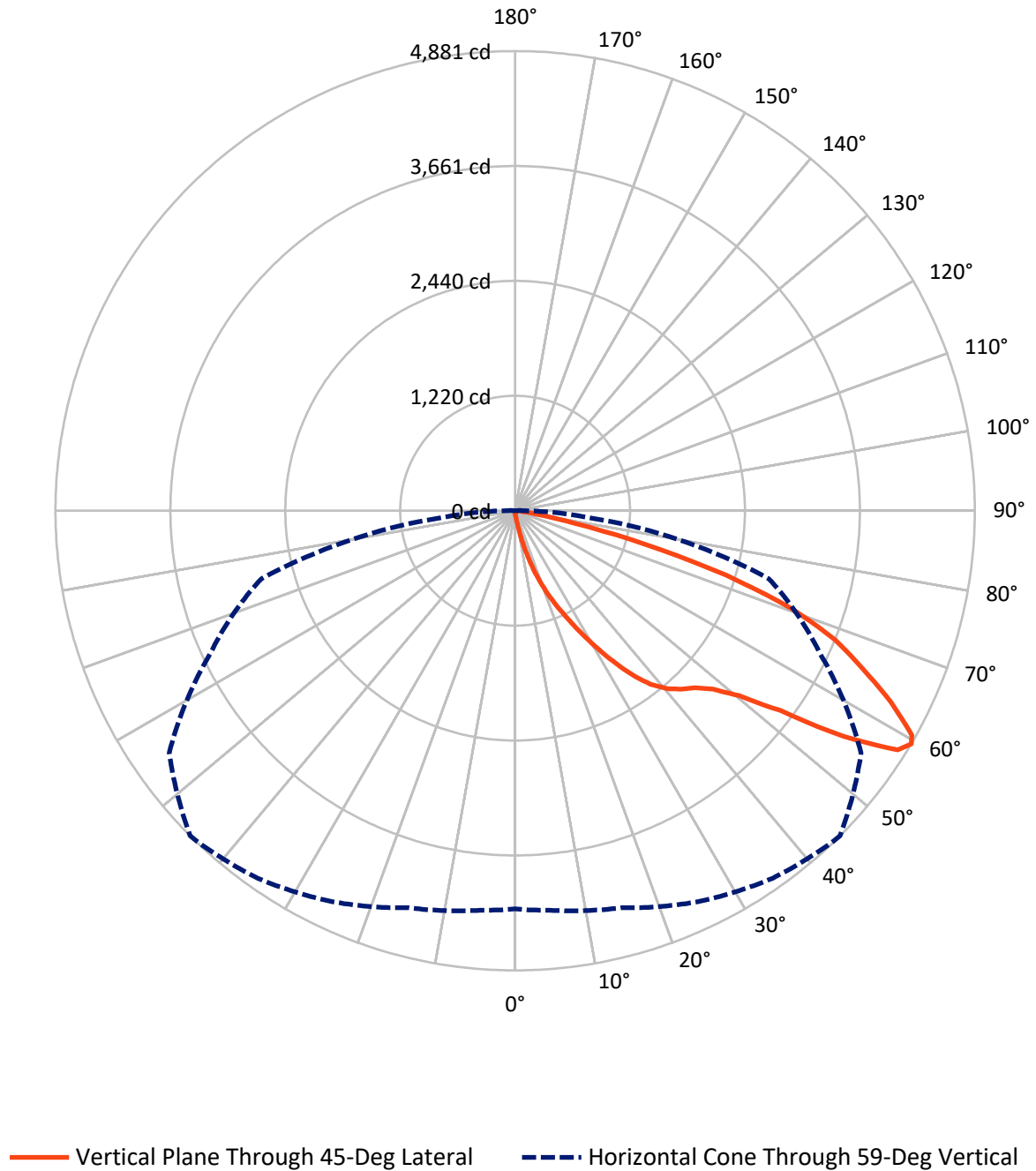


Based on 15 foot mounting height. Maximum calculated value = 6.6 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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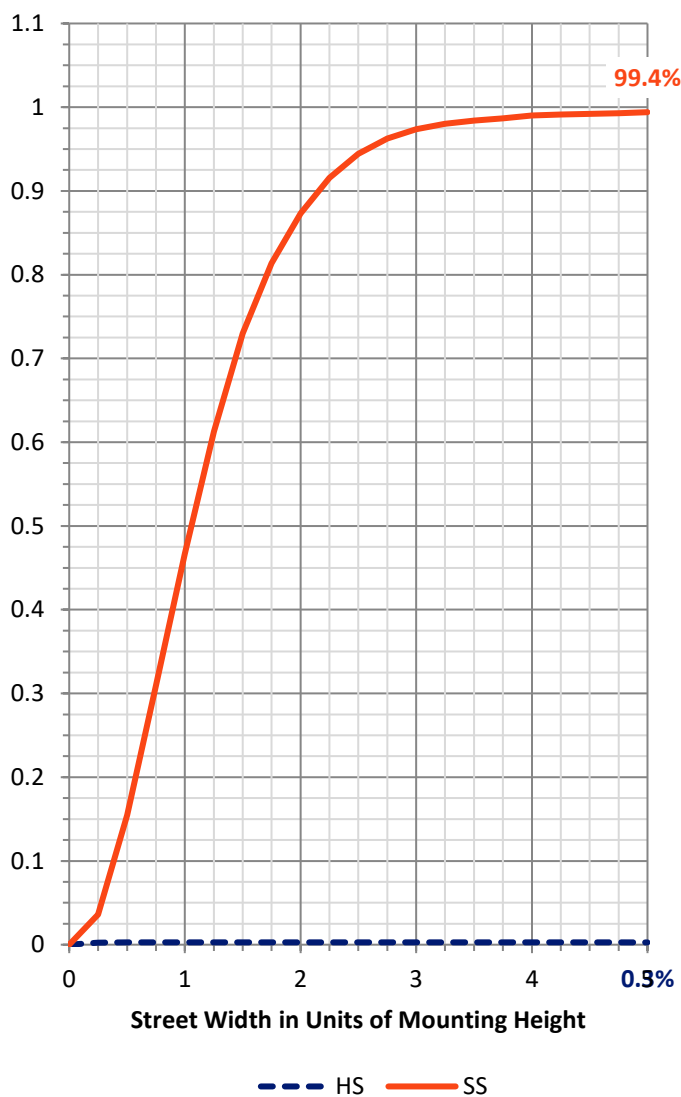
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	16.1	0.0	16.1
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	5924.4	0.0	5924.4
	% Fixture	99.7	0.0	99.7
Total	Lumens	5940.5	0.0	5940.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.8	0.1
10°-20°	68.8	1.2
20°-30°	243.2	4.1
30°-40°	560.5	9.4
40°-50°	945.5	15.9
50°-60°	1558.8	26.2
60°-70°	1770.7	29.8
70°-80°	728.1	12.3
80°-90°	59.3	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°	5940.5	100.0
0°-180°	5940.5	100.0



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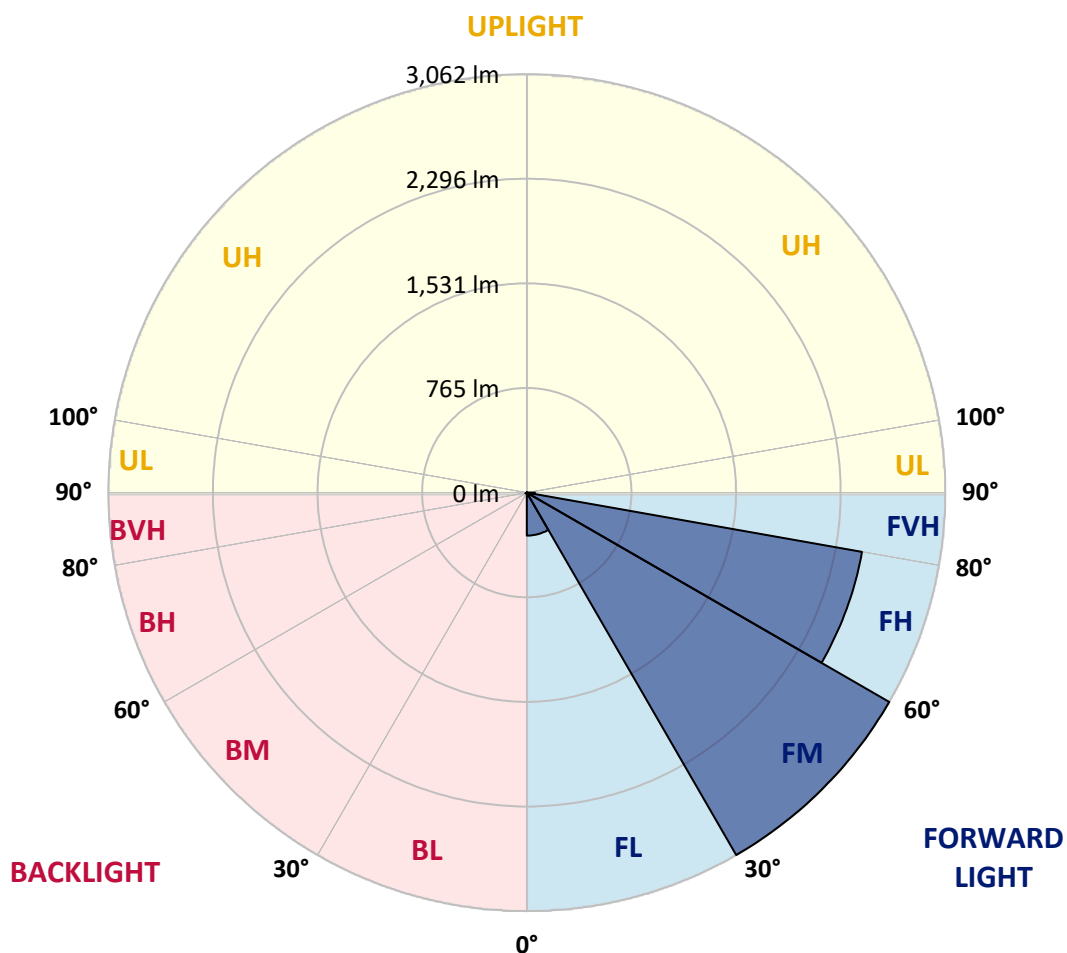
CATALOG NUMBER: GAP-SA2A-727-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	314.4	5.3			
FM	(30°-60°)	3061.6	51.5			
FH	(60°-80°)	2489.6	41.9			G2/5000
FVH	(80°-90°)	58.8	1.0			G1/100
BL	(0°-30°)	3.4	0.1	B0/110		
BM	(30°-60°)	3.1	0.1	B0/220		
BH	(60°-80°)	9.2	0.2	B0/110		G0/110
BVH	(80°-90°)	0.5	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 III Short



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CATALOG NUMBER: GAP-SA2A-727-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
2.5°	44.3	44.8	44.3	43.9	41.9	40.0	40.0	38.6	37.1	35.7	34.2
5°	78.1	76.2	74.2	69.9	61.7	54.5	53.5	47.2	41.9	38.1	34.7
7.5°	198.1	192.8	174.5	152.8	116.2	89.2	88.2	67.0	50.6	41.5	35.2
10°	413.6	399.1	371.1	324.9	251.1	183.6	169.2	103.1	66.5	45.8	35.7
12.5°	628.5	629.0	602.5	539.4	449.2	340.8	322.0	186.5	95.0	53.5	36.1
15°	817.5	812.6	789.5	744.7	647.3	522.0	505.1	320.5	143.6	64.1	37.1
17.5°	962.1	955.3	941.3	911.0	839.6	716.2	698.4	483.4	222.7	78.1	37.6
20°	1131.7	1126.9	1109.1	1067.1	1002.1	903.7	878.2	661.8	339.3	101.2	38.6
22.5°	1341.9	1327.9	1306.2	1252.7	1172.2	1066.7	1058.0	843.0	482.5	137.4	40.5
25°	1584.8	1565.0	1539.5	1472.0	1372.7	1244.5	1233.9	1020.9	636.7	191.8	43.4
27.5°	1879.3	1861.0	1815.2	1728.0	1608.9	1455.6	1443.6	1202.6	807.8	266.1	47.2
30°	2198.4	2174.8	2099.1	1985.8	1872.6	1691.3	1662.4	1388.6	978.9	358.6	52.5
32.5°	2495.8	2465.4	2371.9	2237.9	2119.3	1928.0	1902.4	1598.8	1158.7	469.0	60.7
35°	2759.4	2723.8	2594.1	2448.1	2329.0	2160.3	2137.2	1803.2	1333.2	594.3	70.9
37.5°	2969.1	2945.5	2766.2	2601.3	2504.5	2355.0	2339.6	2022.5	1527.4	738.9	84.8
40°	3185.5	3154.2	2943.6	2735.8	2625.9	2501.6	2483.2	2198.9	1714.0	895.1	102.2
42.5°	3368.7	3339.3	3141.2	2920.9	2749.3	2601.3	2589.8	2346.8	1894.7	1057.5	124.8
45°	3562.4	3535.9	3358.6	3186.0	2928.6	2700.6	2680.9	2469.3	2071.1	1247.4	154.7
47.5°	3828.5	3793.3	3624.1	3491.6	3197.1	2853.4	2831.3	2589.3	2250.0	1446.0	196.2
50°	4161.6	4136.0	4013.6	3908.0	3595.7	3132.0	3084.8	2745.0	2419.6	1673.5	250.2
52.5°	4485.0	4476.3	4485.0	4447.4	4209.8	3615.5	3523.4	3006.7	2635.6	1911.1	320.5
55°	4525.5	4552.0	4656.6	4777.1	4737.6	4308.1	4230.5	3405.3	2902.6	2210.9	428.0
57.5°	4378.9	4393.9	4527.4	4740.0	4867.7	4802.1	4792.5	4065.2	3279.5	2567.1	589.5
59°	4229.0	4258.4	4365.0	4581.9	4765.0	4873.0	4880.7	4484.0	3566.3	2788.8	722.5
60°	4145.7	4154.8	4237.2	4450.8	4647.4	4818.0	4840.2	4698.5	3792.4	2956.1	841.6
62.5°	3882.5	3887.3	3931.7	4099.9	4273.9	4431.0	4477.8	4829.1	4419.9	3375.4	1262.4
65°	3538.3	3544.6	3611.6	3773.1	3938.9	4044.4	4064.2	4462.8	4750.6	3812.1	1849.9
67.5°	2918.0	2953.2	3038.5	3293.0	3526.3	3652.6	3667.0	3816.9	4569.8	4107.6	2160.8
70°	1975.7	1942.4	2154.0	2508.3	2930.1	3120.0	3120.9	3186.5	3890.2	4034.8	1801.7
72.5°	862.8	915.8	1070.0	1381.9	1892.8	2350.7	2341.1	2563.7	3102.6	3428.0	1339.5
75°	378.8	390.9	456.0	621.3	860.8	1276.8	1423.8	2058.1	2335.3	2241.8	974.1
77.5°	203.9	206.8	224.1	259.8	329.2	603.0	636.7	1303.8	1655.7	1292.2	629.5
80°	77.6	77.6	81.0	93.0	137.4	235.7	253.0	589.0	1142.3	660.3	318.1
82.5°	48.7	47.7	48.2	48.7	55.9	80.5	85.8	234.3	539.4	325.8	83.9
85°	24.6	25.5	28.4	34.2	40.5	49.6	51.1	73.3	163.9	76.2	21.7
87.5°	15.9	16.4	17.8	23.1	28.4	36.1	37.1	51.1	65.1	53.5	4.3
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
2.5°	33.7	32.8	31.3	29.9	28.4	26.0	24.1	23.1	22.7	22.2	22.2
5°	33.3	31.8	28.9	26.5	24.1	21.2	18.8	17.4	16.9	16.4	16.4
7.5°	32.8	30.4	27.0	23.6	20.2	16.9	14.0	12.5	12.0	11.6	11.1
10°	32.3	29.4	24.6	20.7	16.9	13.0	10.1	8.2	7.7	7.2	7.2
12.5°	31.8	28.0	22.7	18.3	13.5	9.2	6.7	4.8	3.9	3.4	3.4
15°	31.3	26.5	21.2	15.4	10.1	5.8	2.9	1.4	0.5	0.5	0.5
17.5°	29.9	25.1	18.8	12.0	6.7	2.9	1.0	0.0	0.0	0.0	0.0
20°	28.9	23.6	16.4	9.2	3.9	1.4	0.0	0.0	0.0	0.0	0.0
22.5°	28.4	22.7	14.0	6.3	2.9	0.0	0.0	0.0	0.0	0.0	0.0
25°	28.4	21.7	11.6	4.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	28.9	20.7	9.2	3.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0
30°	28.0	19.8	6.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	28.0	17.8	4.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	28.4	15.4	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	29.9	13.5	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	32.3	12.5	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	35.7	12.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	39.5	12.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	45.3	12.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	52.1	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	59.8	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	68.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	79.0	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	90.6	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	102.7	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	165.8	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	325.3	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	556.2	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	590.9	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	388.0	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	197.6	7.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	88.7	7.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	35.7	4.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	14.5	2.9	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	5.8	2.9	1.9	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.9	2.9	2.4	1.9	1.0	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

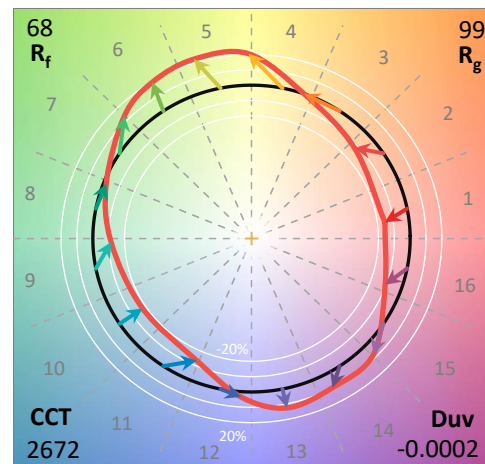
Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

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

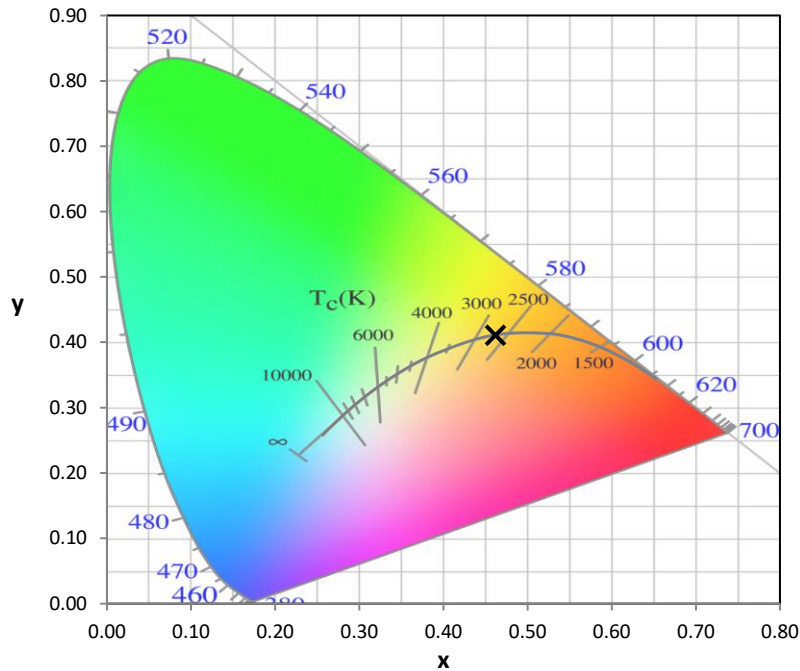
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-3

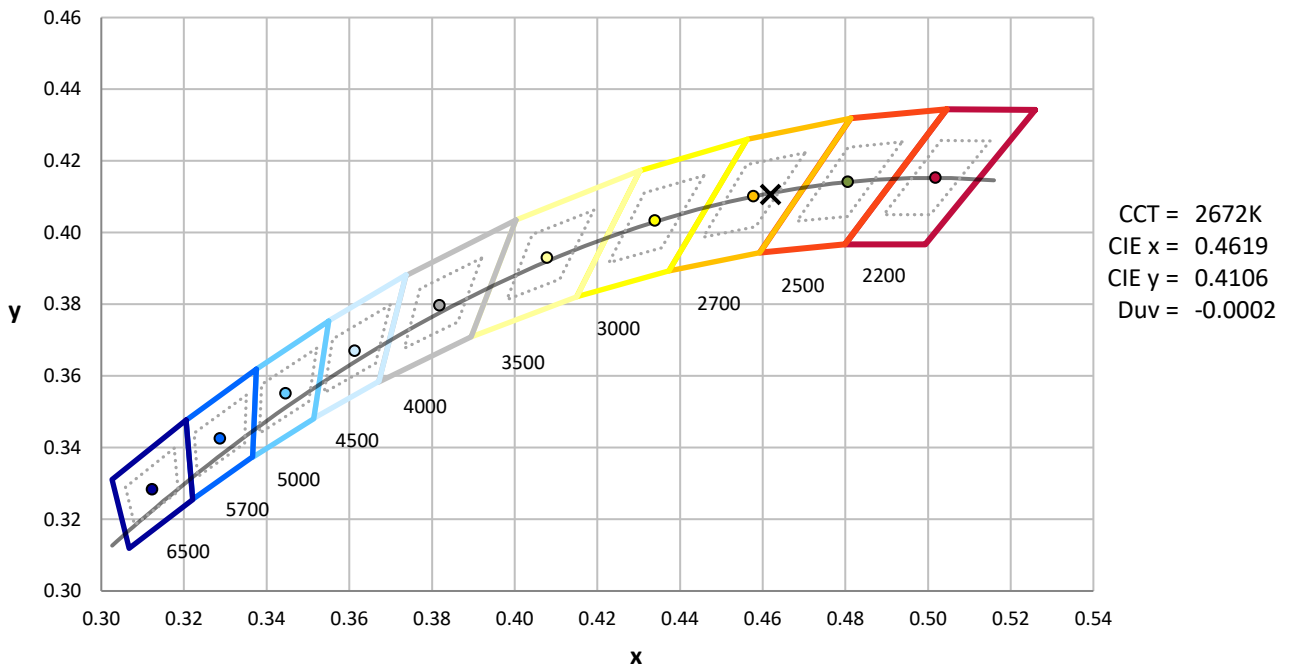
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



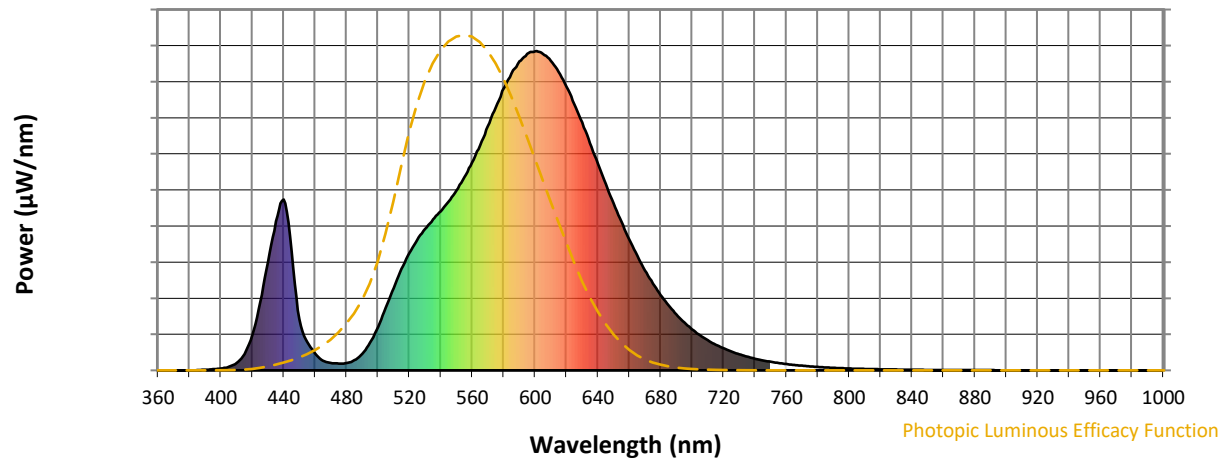
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

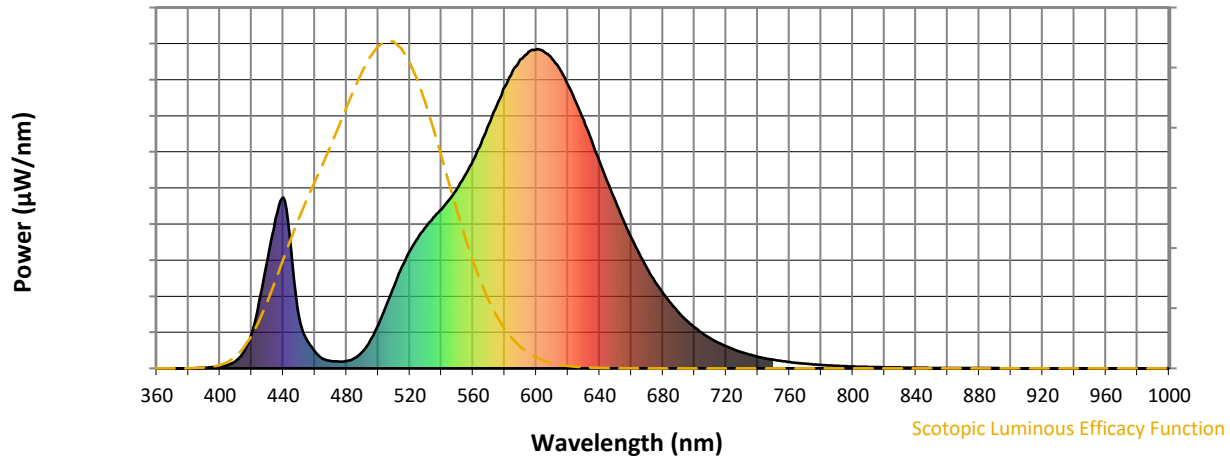


Photopic Lumens: NR

λ (nm)	Power 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



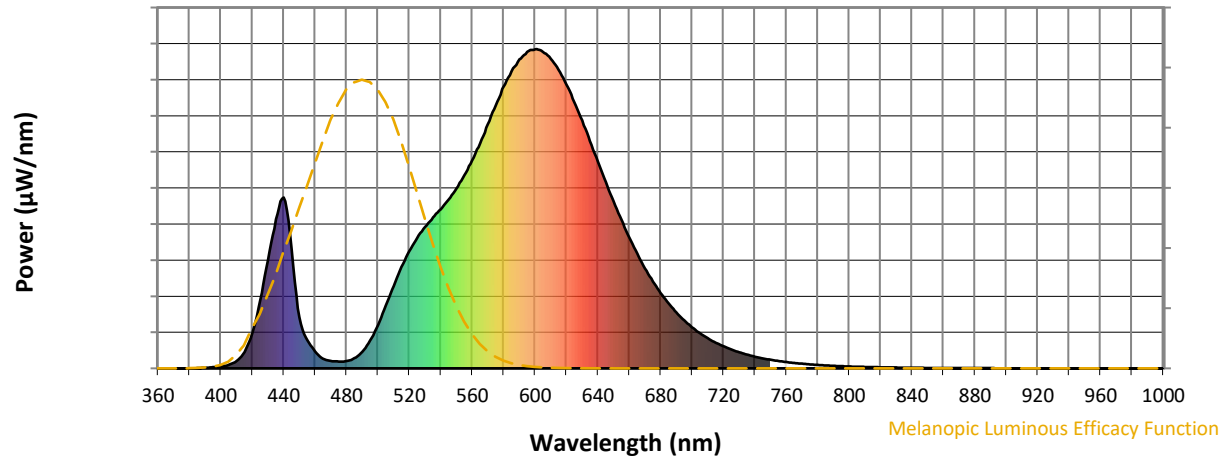
Scotopic Lumens: NR

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

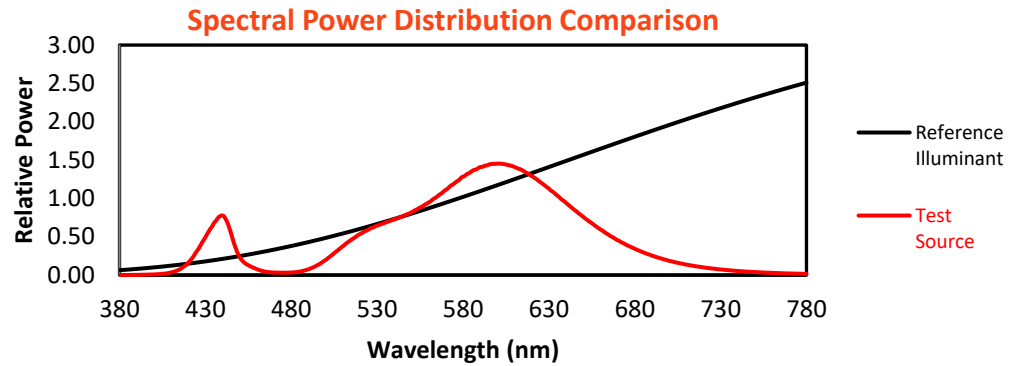
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	52	NR	620	888	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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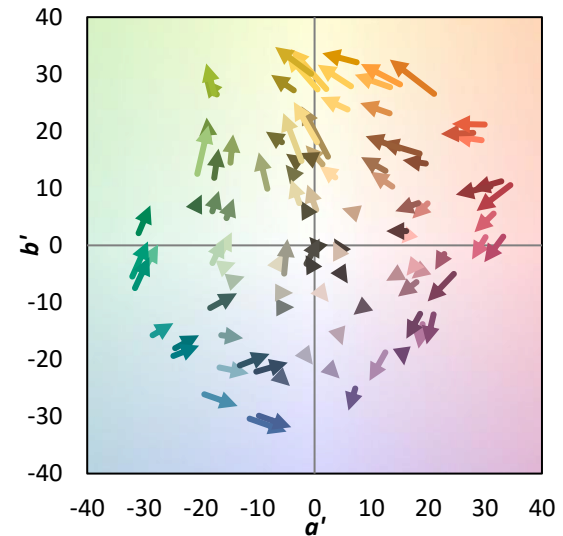
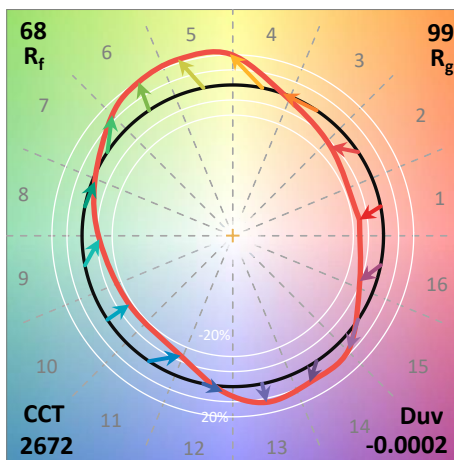
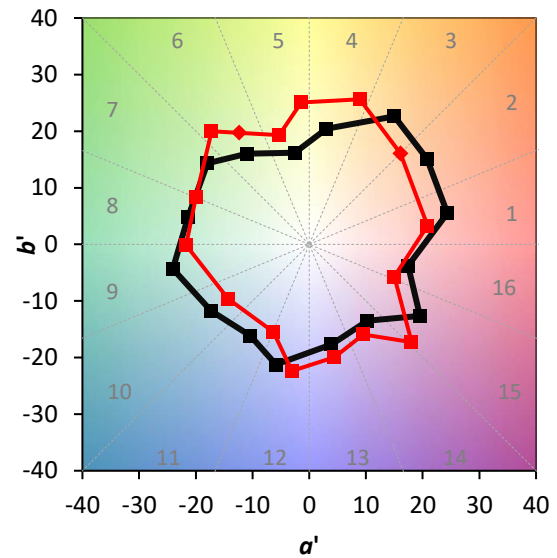
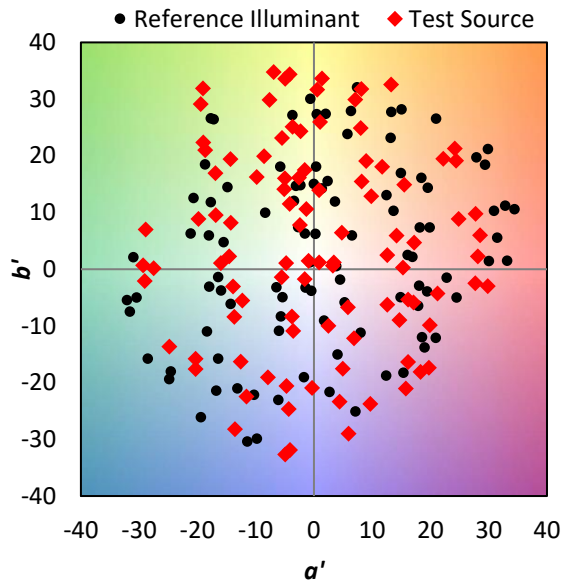
TM-30-18

Summary

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

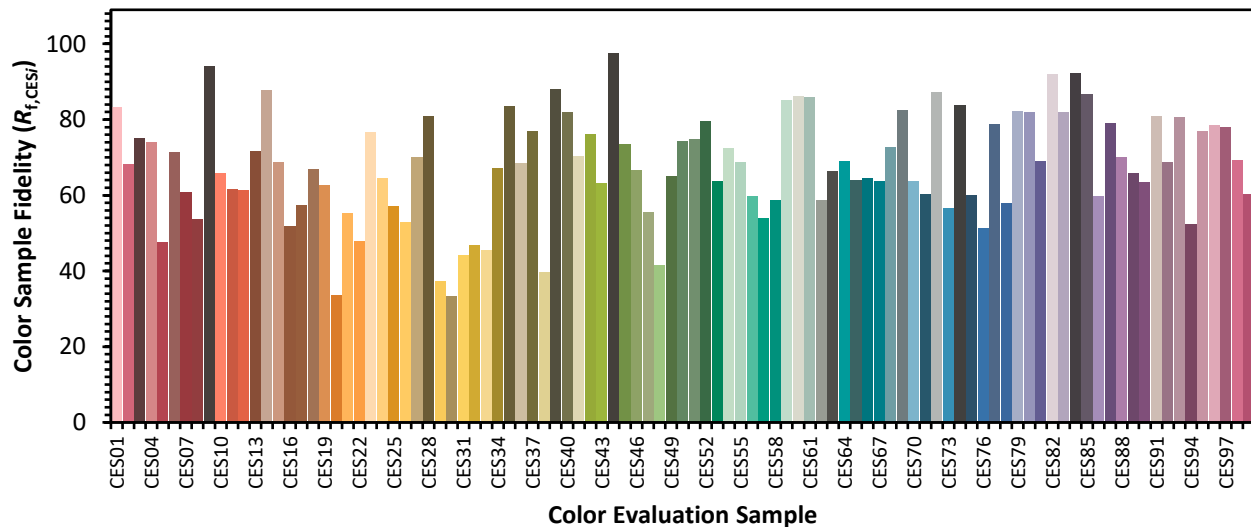


Color Vector Graphics

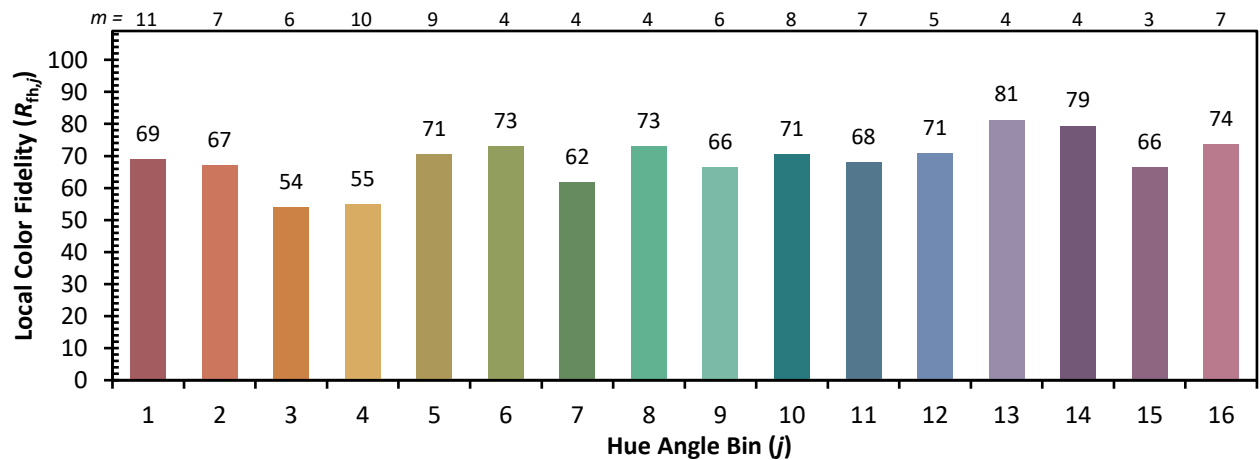
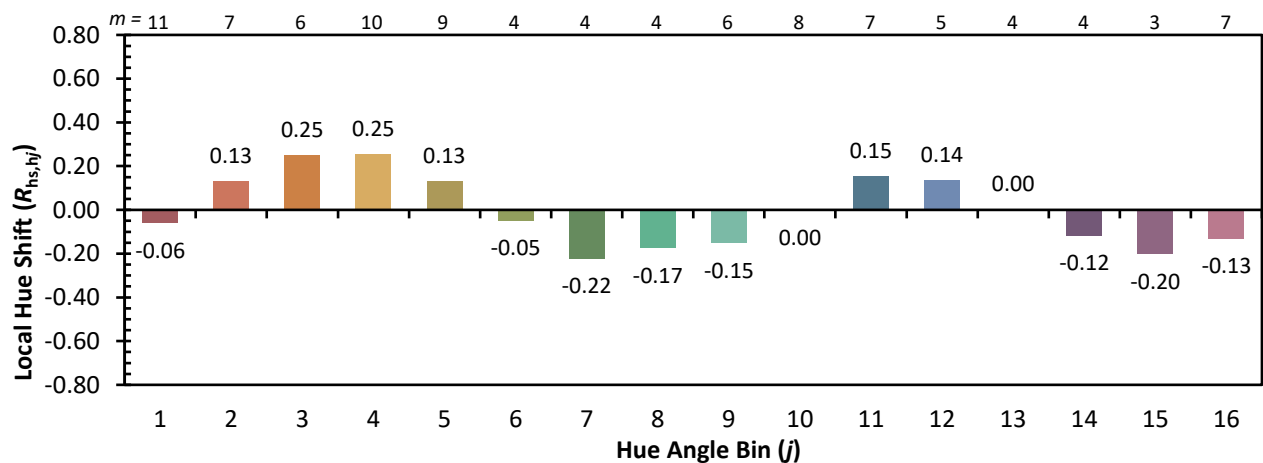
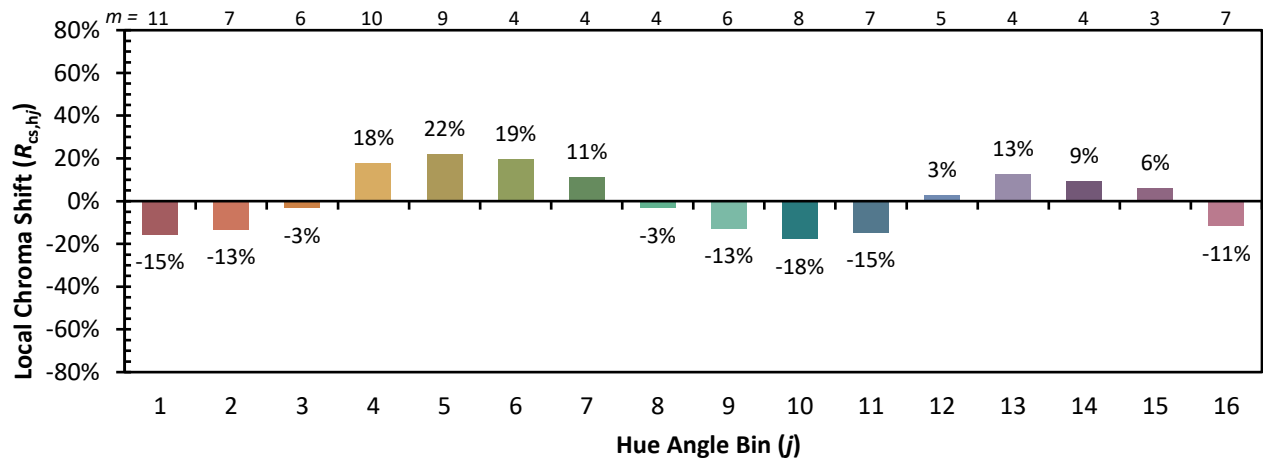


Individual Sample Fidelity Index ($R_{f,i}$)

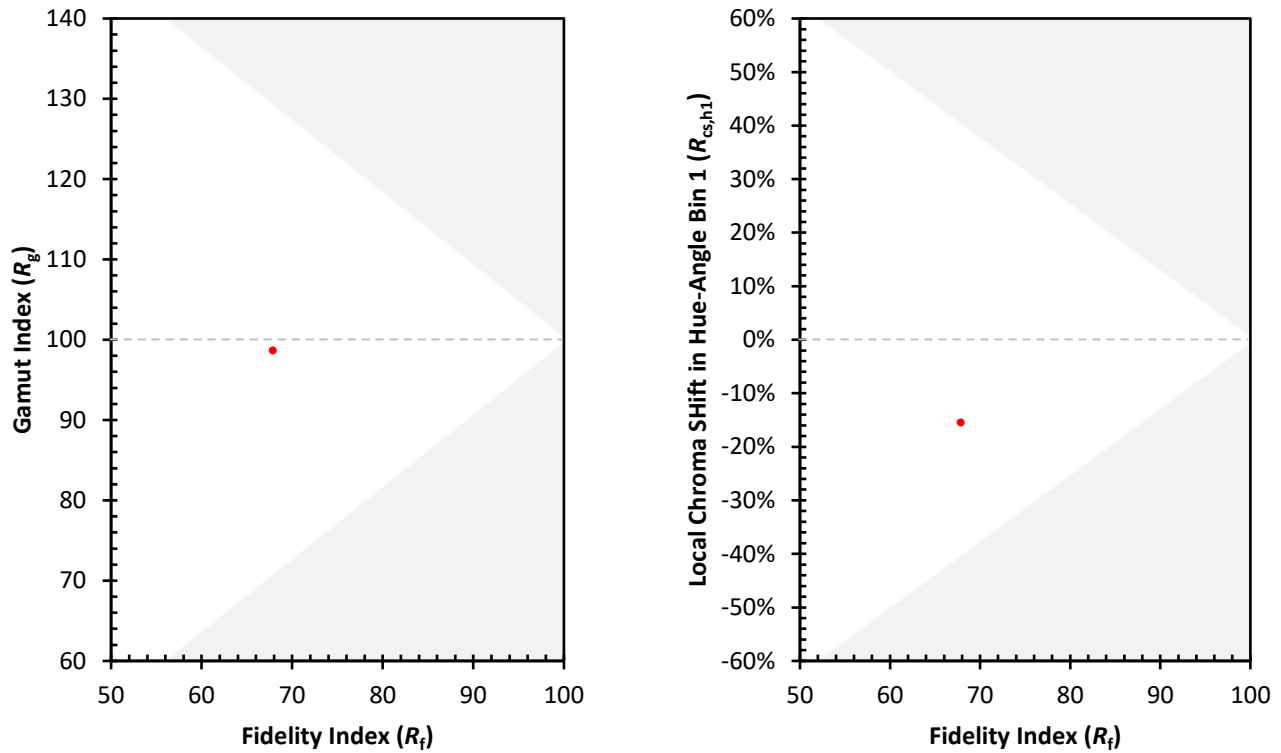
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 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)