

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: P1057479

Luminaire Tested: **GAP-SA1B-760-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1057479
Test Lab: INNOVATION CENTER(G1)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAP-SA1B-760-U-T3BC
Description: GALLEON PEDESTRAIAN COMPANION 800mA 1xLight Square PACKAGE 70CRI
5700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4660 lumens
Efficiency: N/A
Efficacy: 122.3 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

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

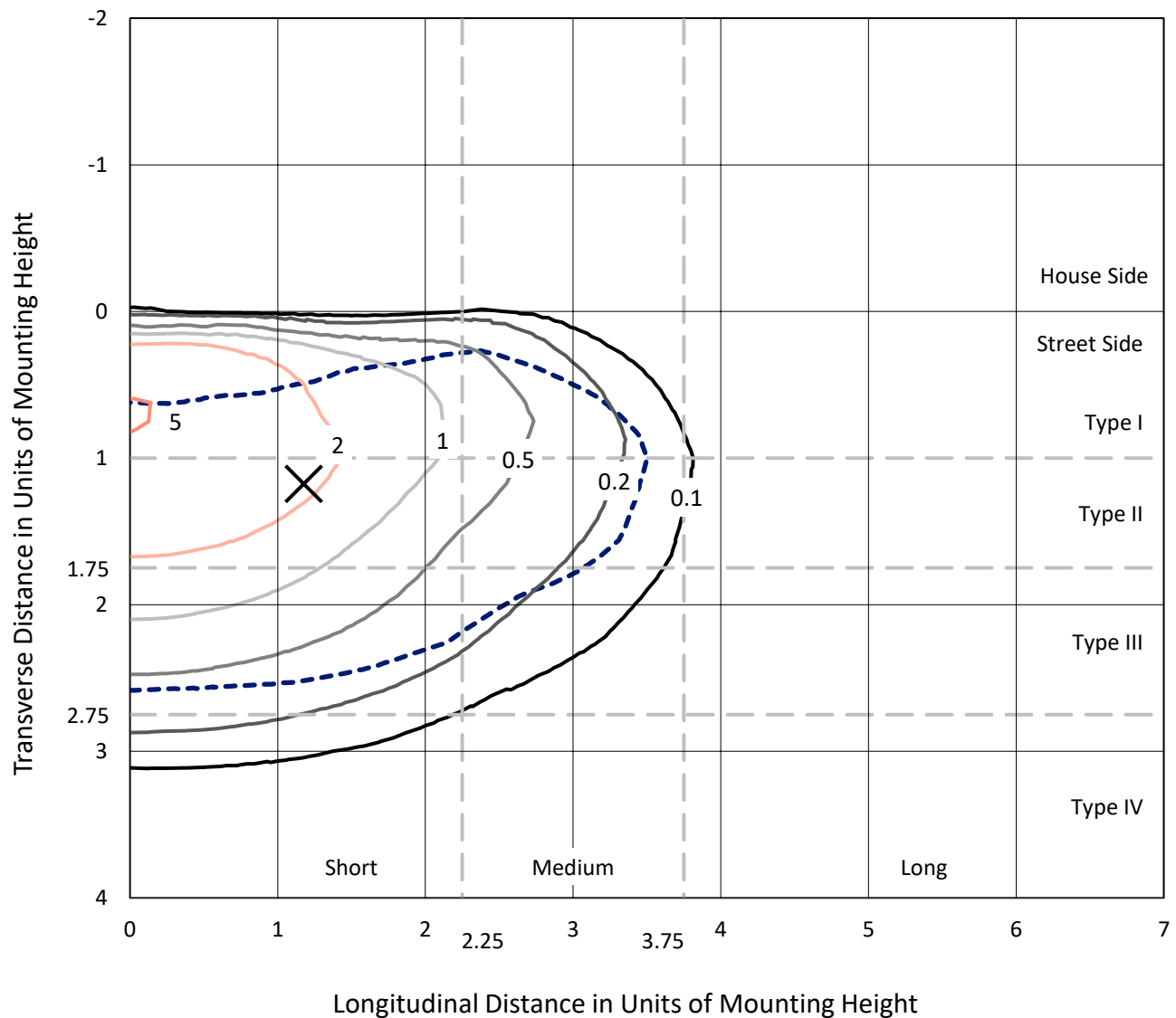


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

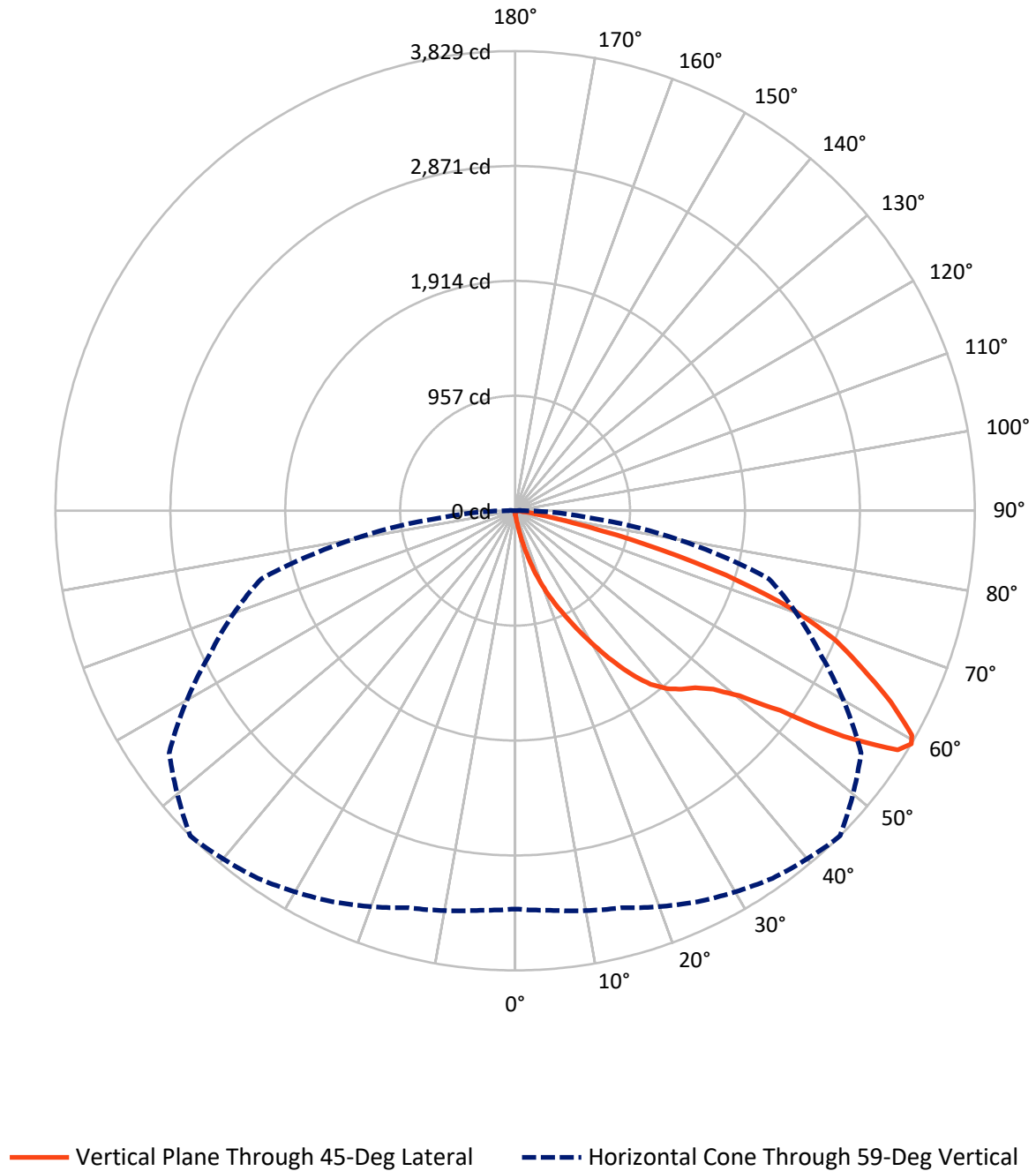


Based on 15 foot mounting height. Maximum calculated value = 5.2 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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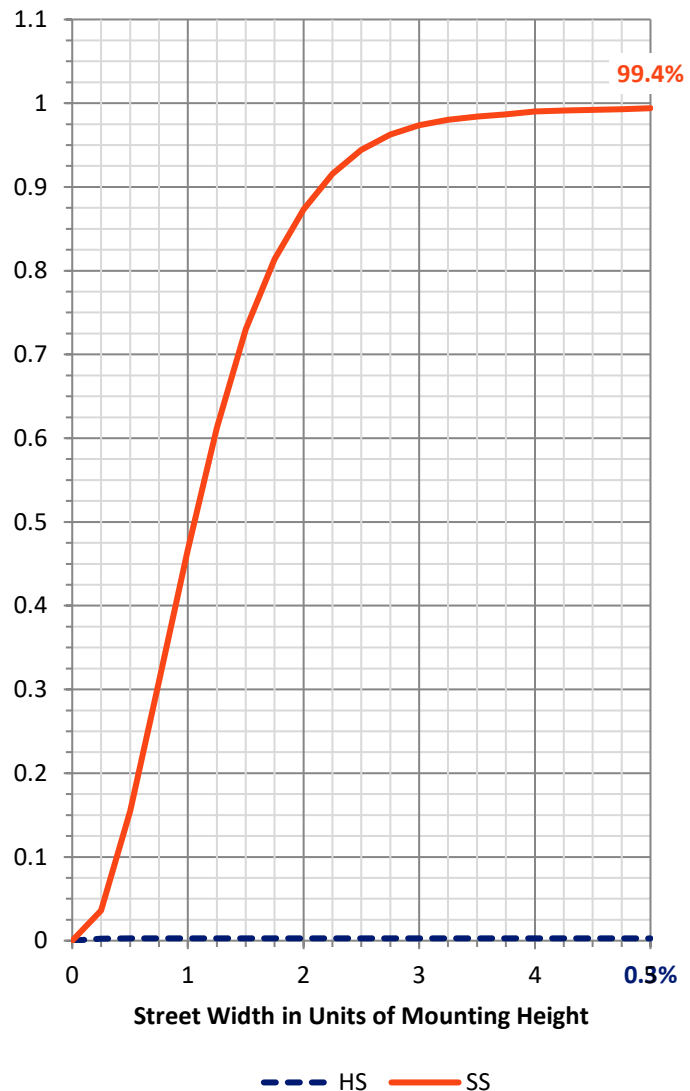
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	12.6	0.0	12.6
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	4647.3	0.0	4647.3
	% Fixture	99.7	0.0	99.7
Total	Lumens	4660.0	0.0	4660.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.6	0.1
10°-20°	54.0	1.2
20°-30°	190.7	4.1
30°-40°	439.6	9.4
40°-50°	741.7	15.9
50°-60°	1222.7	26.2
60°-70°	1389.0	29.8
70°-80°	571.1	12.3
80°-90°	46.5	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°	4660.0	100.0
0°-180°	4660.0	100.0



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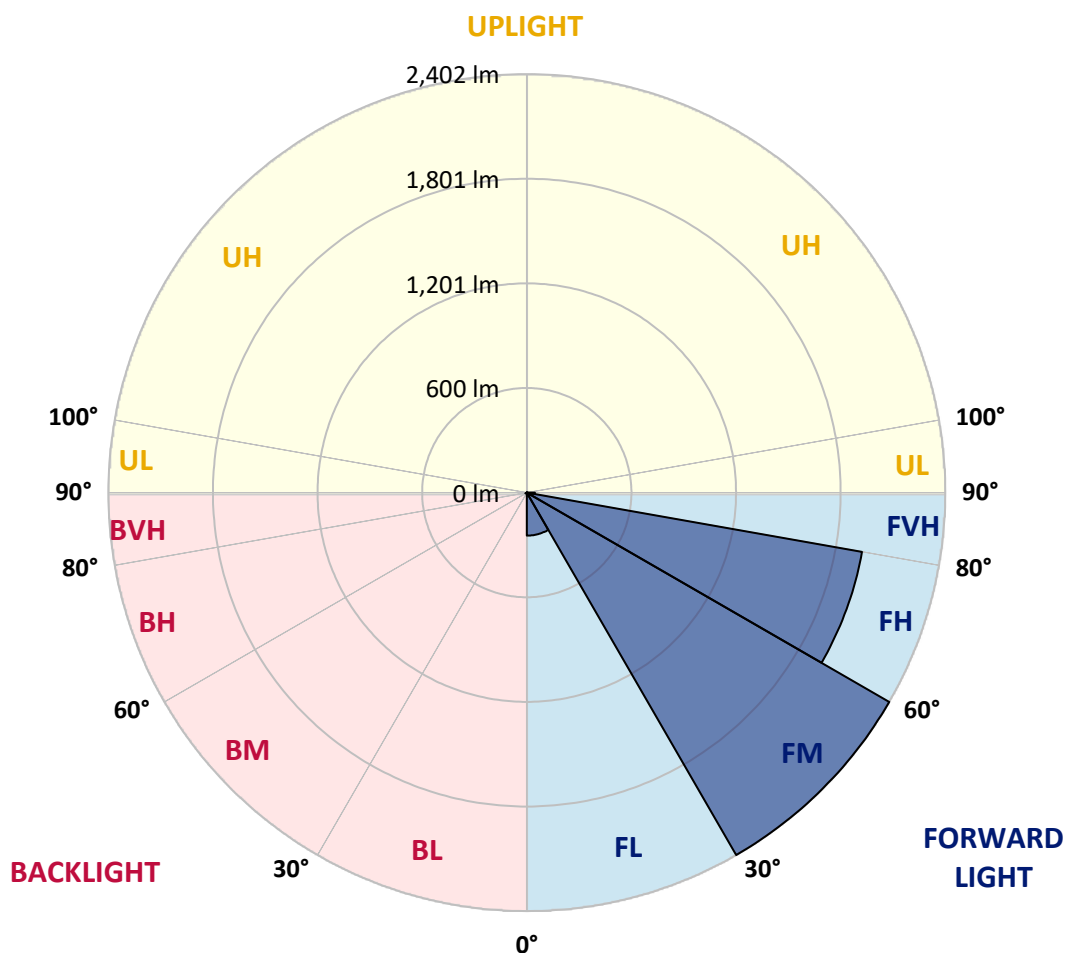
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	246.6	5.3			
FM	(30°-60°)	2401.6	51.5			
FH	(60°-80°)	1952.9	41.9			G2/5000
FVH	(80°-90°)	46.2	1.0			G1/100
BL	(0°-30°)	2.7	0.1	B0/110		
BM	(30°-60°)	2.4	0.1	B0/220		
BH	(60°-80°)	7.2	0.2	B0/110		G0/110
BVH	(80°-90°)	0.4	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
2.5°	34.8	35.2	34.8	34.4	32.9	31.4	31.4	30.2	29.1	28.0	26.8
5°	61.3	59.7	58.2	54.8	48.4	42.7	42.0	37.1	32.9	29.9	27.2
7.5°	155.4	151.2	136.9	119.9	91.1	69.9	69.2	52.6	39.7	32.5	27.6
10°	324.4	313.1	291.1	254.8	197.0	144.1	132.7	80.9	52.2	35.9	28.0
12.5°	493.0	493.4	472.6	423.1	352.4	267.3	252.6	146.3	74.5	42.0	28.4
15°	641.2	637.5	619.3	584.2	507.8	409.5	396.2	251.4	112.7	50.3	29.1
17.5°	754.7	749.4	738.4	714.6	658.6	561.8	547.9	379.2	174.7	61.3	29.5
20°	887.8	884.0	870.0	837.1	786.1	708.9	688.9	519.1	266.2	79.4	30.2
22.5°	1052.6	1041.6	1024.6	982.7	919.5	836.7	829.9	661.3	378.5	107.8	31.8
25°	1243.2	1227.7	1207.6	1154.7	1076.8	976.2	967.9	800.8	499.5	150.5	34.0
27.5°	1474.2	1459.8	1423.9	1355.5	1262.1	1141.8	1132.4	943.3	633.7	208.7	37.1
30°	1724.5	1706.0	1646.6	1557.7	1468.9	1326.7	1304.0	1089.3	767.9	281.3	41.2
32.5°	1957.8	1933.9	1860.6	1755.5	1662.5	1512.4	1492.3	1254.1	908.9	367.9	47.6
35°	2164.6	2136.6	2034.9	1920.3	1826.9	1694.6	1676.5	1414.4	1045.8	466.2	55.6
37.5°	2329.1	2310.5	2169.9	2040.6	1964.6	1847.4	1835.3	1586.5	1198.2	579.6	66.5
40°	2498.8	2474.2	2309.0	2146.1	2059.9	1962.3	1947.9	1724.9	1344.5	702.1	80.2
42.5°	2642.5	2619.4	2464.0	2291.2	2156.6	2040.6	2031.5	1840.9	1486.3	829.5	97.9
45°	2794.5	2773.7	2634.6	2499.2	2297.3	2118.5	2103.0	1937.0	1624.7	978.5	121.4
47.5°	3003.2	2975.6	2842.9	2738.9	2507.9	2238.3	2220.9	2031.1	1764.9	1134.3	153.9
50°	3264.5	3244.4	3148.4	3065.6	2820.6	2456.9	2419.8	2153.2	1898.0	1312.7	196.2
52.5°	3518.2	3511.4	3518.2	3488.7	3302.3	2836.1	2763.9	2358.5	2067.4	1499.1	251.4
55°	3549.9	3570.7	3652.8	3747.3	3716.3	3379.4	3318.5	2671.2	2276.9	1734.3	335.7
57.5°	3435.0	3446.7	3551.4	3718.2	3818.4	3766.9	3759.4	3188.8	2572.5	2013.7	462.4
59°	3317.4	3340.5	3424.0	3594.2	3737.8	3822.5	3828.6	3517.4	2797.5	2187.6	566.8
60°	3252.0	3259.2	3323.8	3491.3	3645.6	3779.4	3796.8	3685.7	2974.8	2318.8	660.2
62.5°	3045.5	3049.3	3084.1	3216.1	3352.6	3475.8	3512.5	3788.1	3467.1	2647.8	990.2
65°	2775.6	2780.5	2833.1	2959.7	3089.8	3172.6	3188.1	3500.8	3726.5	2990.3	1451.1
67.5°	2289.0	2316.6	2383.5	2583.1	2766.1	2865.2	2876.5	2994.1	3584.7	3222.1	1695.0
70°	1549.8	1523.7	1689.7	1967.6	2298.4	2447.4	2448.2	2499.6	3051.6	3165.0	1413.3
72.5°	676.8	718.4	839.4	1084.0	1484.8	1844.0	1836.4	2011.1	2433.8	2689.0	1050.7
75°	297.2	306.6	357.7	487.4	675.3	1001.6	1116.9	1614.5	1831.9	1758.5	764.1
77.5°	159.9	162.2	175.8	203.8	258.2	473.0	499.5	1022.7	1298.8	1013.7	493.8
80°	60.9	60.9	63.5	73.0	107.8	184.9	198.5	462.0	896.1	518.0	249.5
82.5°	38.2	37.4	37.8	38.2	43.9	63.1	67.3	183.8	423.1	255.6	65.8
85°	19.3	20.0	22.3	26.8	31.8	38.9	40.1	57.5	128.6	59.7	17.0
87.5°	12.5	12.9	14.0	18.1	22.3	28.4	29.1	40.1	51.0	42.0	3.4
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°	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
2.5°	26.5	25.7	24.6	23.4	22.3	20.4	18.9	18.1	17.8	17.4	17.4
5°	26.1	25.0	22.7	20.8	18.9	16.6	14.7	13.6	13.2	12.9	12.9
7.5°	25.7	23.8	21.2	18.5	15.9	13.2	11.0	9.8	9.5	9.1	8.7
10°	25.3	23.1	19.3	16.3	13.2	10.2	7.9	6.4	6.0	5.7	5.7
12.5°	25.0	21.9	17.8	14.4	10.6	7.2	5.3	3.8	3.0	2.6	2.6
15°	24.6	20.8	16.6	12.1	7.9	4.5	2.3	1.1	0.4	0.4	0.4
17.5°	23.4	19.7	14.7	9.5	5.3	2.3	0.8	0.0	0.0	0.0	0.0
20°	22.7	18.5	12.9	7.2	3.0	1.1	0.0	0.0	0.0	0.0	0.0
22.5°	22.3	17.8	11.0	4.9	2.3	0.0	0.0	0.0	0.0	0.0	0.0
25°	22.3	17.0	9.1	3.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	22.7	16.3	7.2	2.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0
30°	21.9	15.5	5.3	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	21.9	14.0	3.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	22.3	12.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	23.4	10.6	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	25.3	9.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	28.0	9.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	31.0	9.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	35.5	9.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	40.8	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	46.9	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	53.3	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	62.0	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	71.1	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	80.5	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	130.1	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	255.2	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	436.3	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	463.5	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	304.4	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	155.0	6.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	69.6	6.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	28.0	3.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	11.3	2.3	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	4.5	2.3	1.5	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.0	2.3	1.9	1.5	0.8	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: SP1-2407-184-7

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-757-U-5WQ

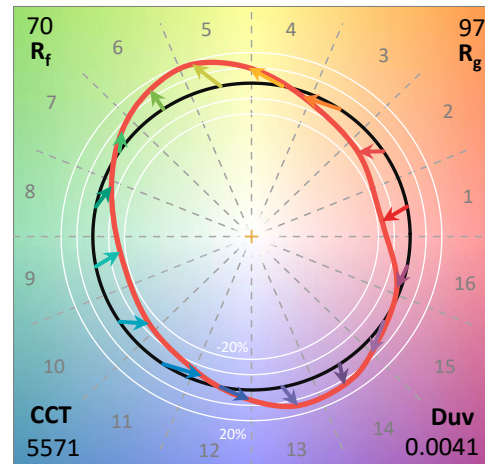
Data in this report applies to families of products including GSS-SB1A-757-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-7
 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-757-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 5700K CCT 26 LEDS

Spectral Parameters

CCT (K):	5571	CRI (Ra):	69.9		
CIE u':	0.2033	R1:	68.8	R9:	-35.4
CIE v':	0.4806	R2:	72.5	R10:	36.7
Duv:	0.0041	R3:	76.8	R11:	73.9
CIE x:	0.3308	R4:	72.0	R12:	47.8
CIE y:	0.3476	R5:	70.9	R13:	68.0
CIE z:	0.3216	R6:	65.6	R14:	87.0
Peak Wavelength (nm):	442	R7:	75.5	R15:	59.8
Dominant Wavelength (nm):	544	R8:	56.8		
Purity:	3.635698				
Rf:	70.4				
Rg:	97.1				



Test Conditions

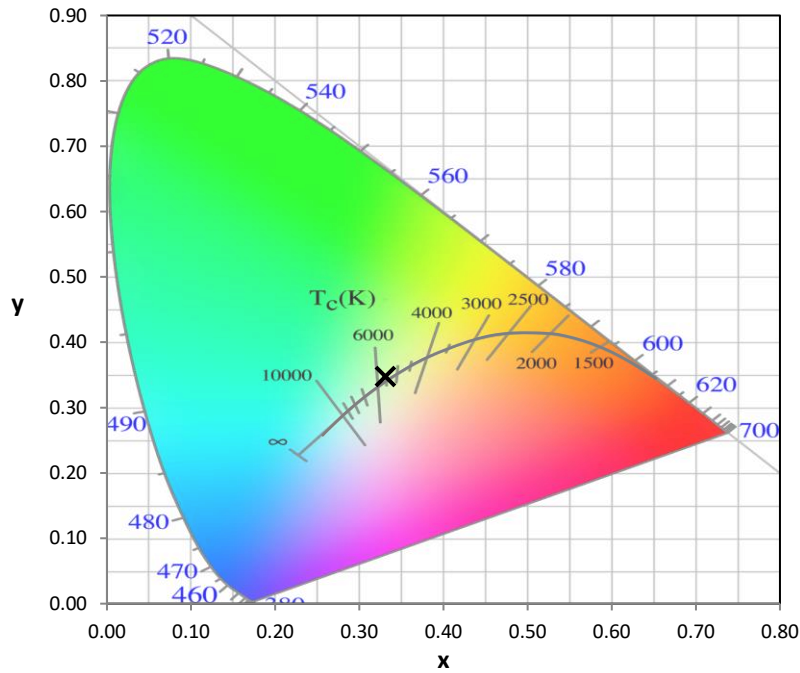
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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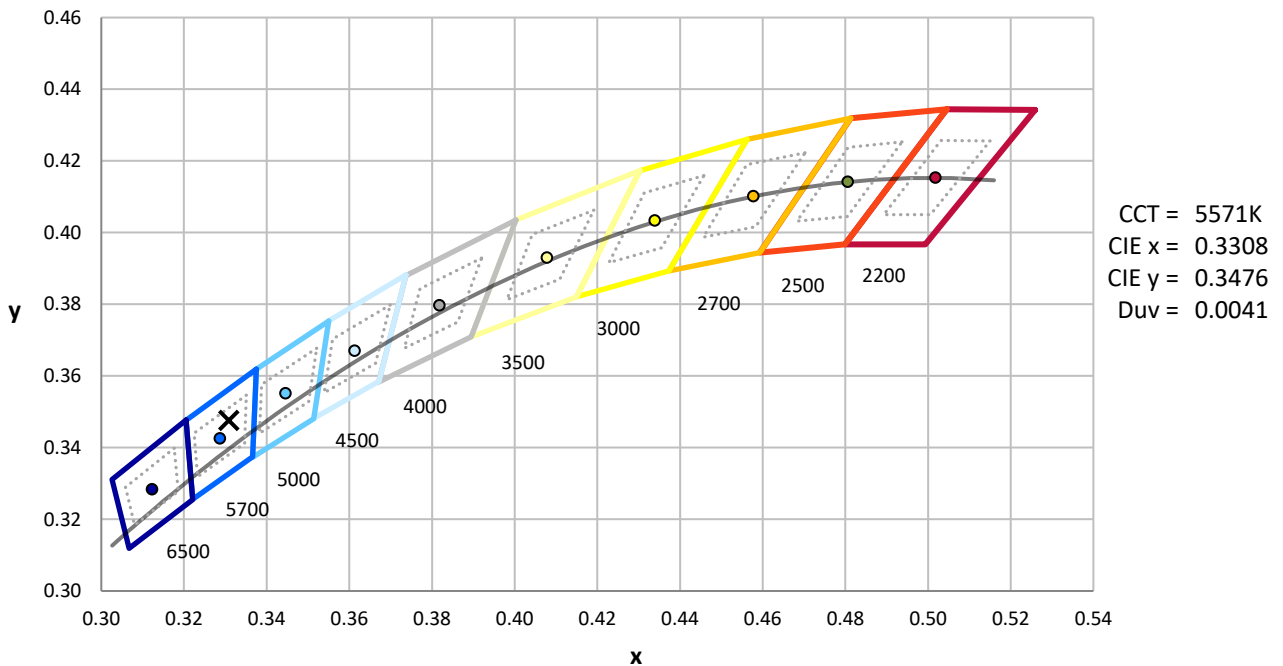
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



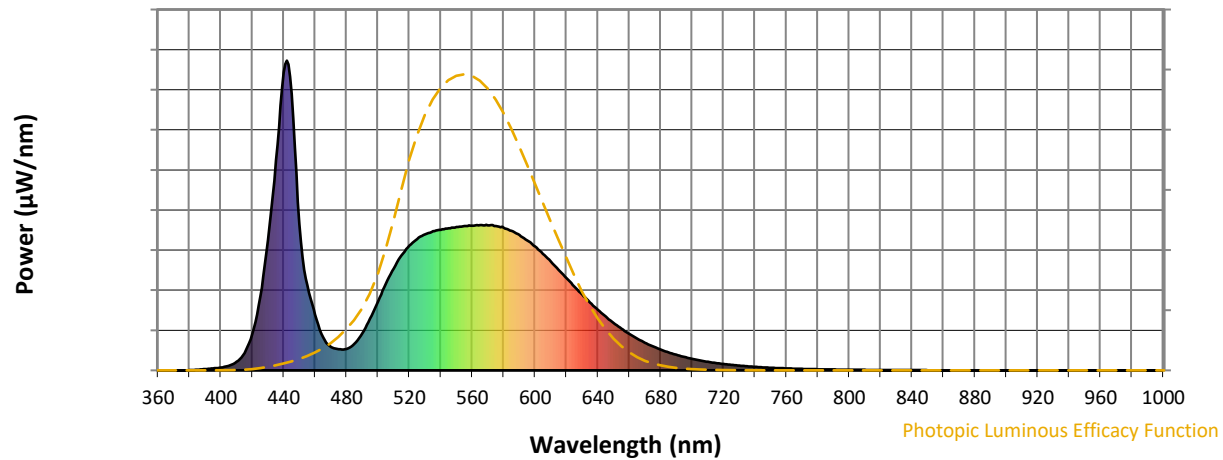
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5700K 4-step quadrangle

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Photopic Flux vs. Wavelength

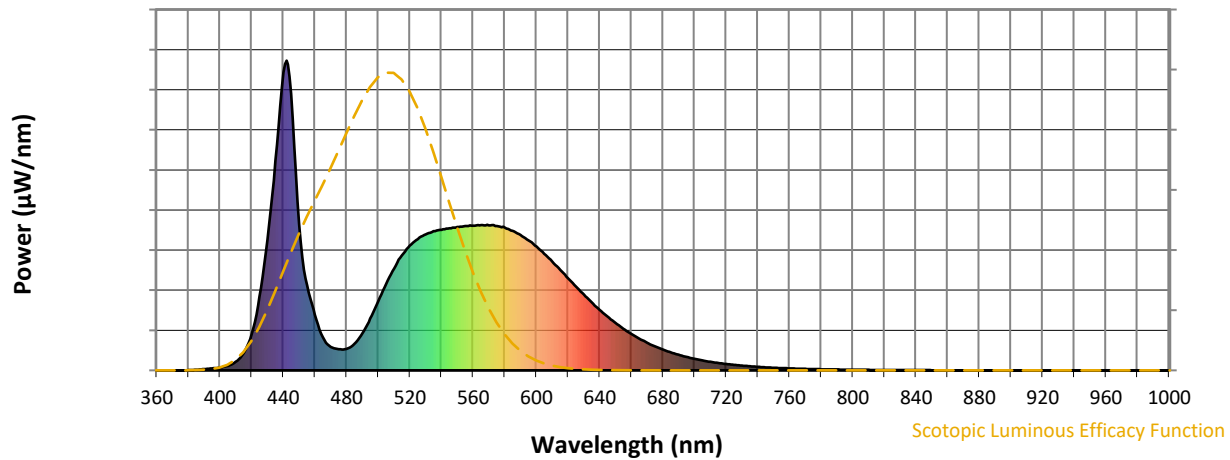


Photopic Lumens: NR

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



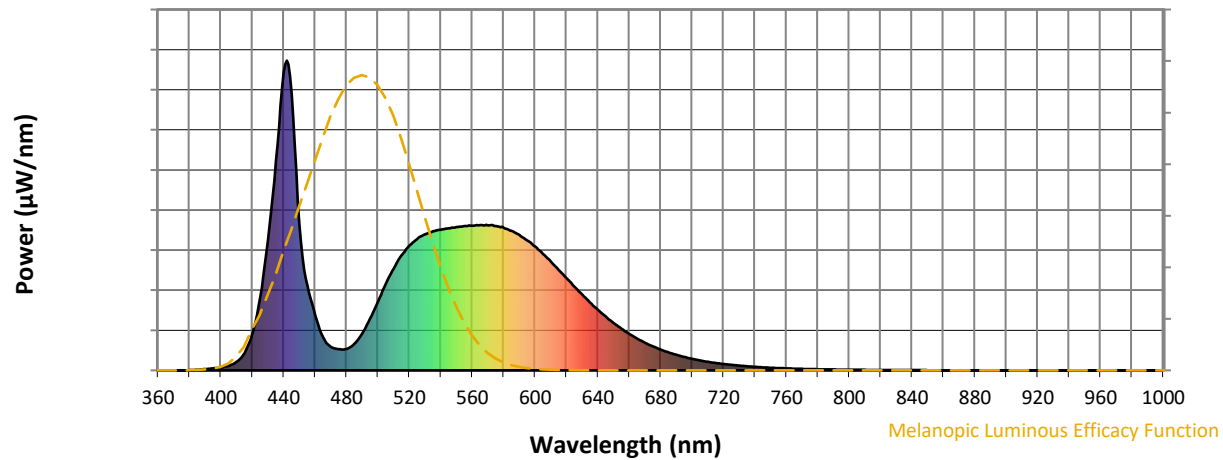
Scotopic Lumens: NR

S/P: 1.84

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.71

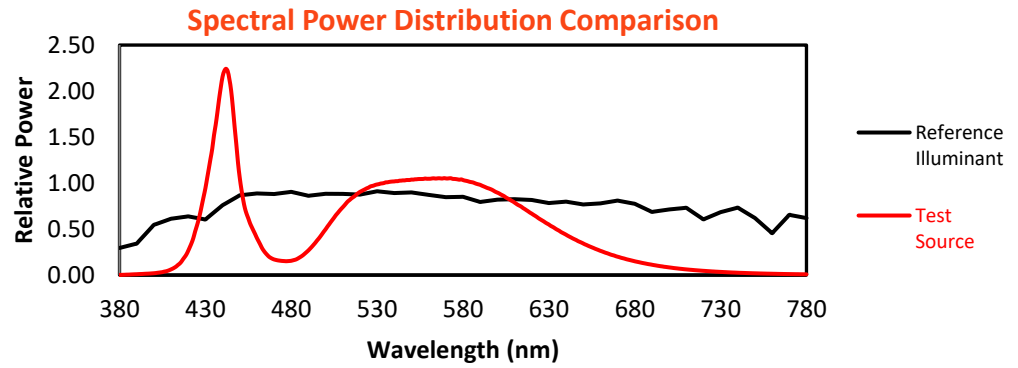
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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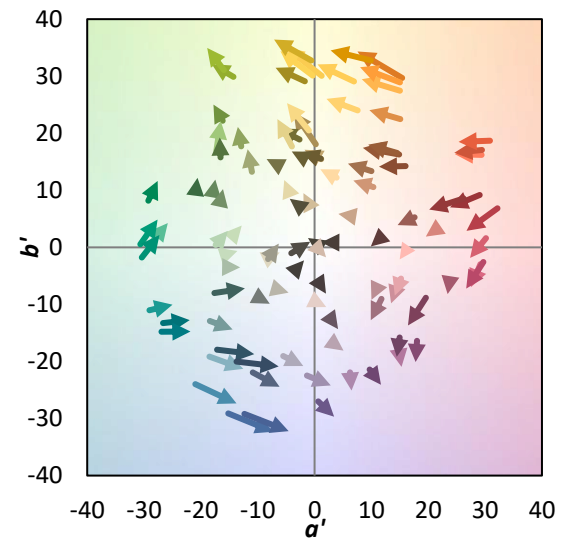
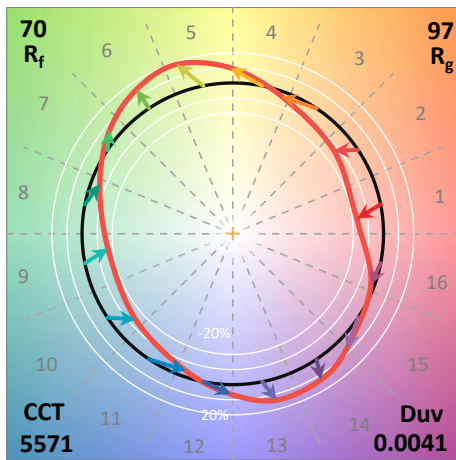
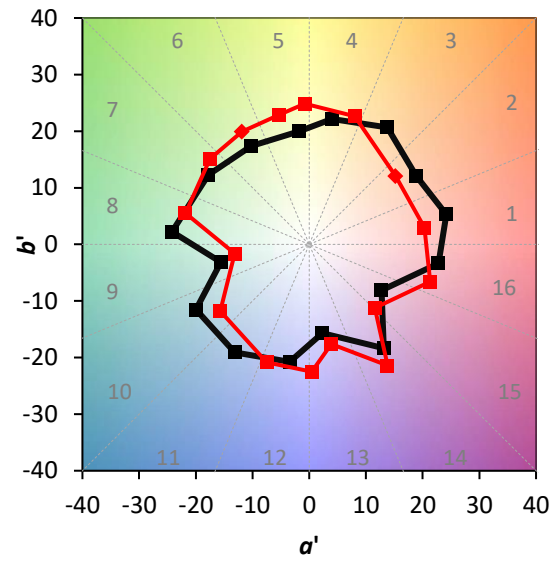
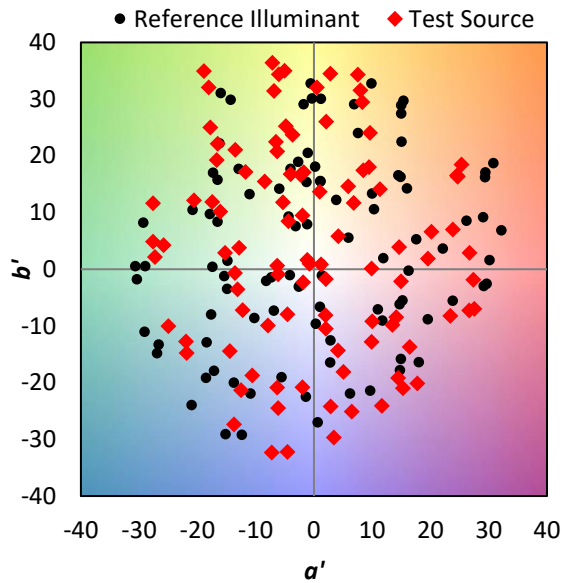
TM-30-18

Summary

$R_f = 70.4$
 $R_g = 97.1$
 $CIE\ R_a = 69.9$
 $R_g = -35.4$

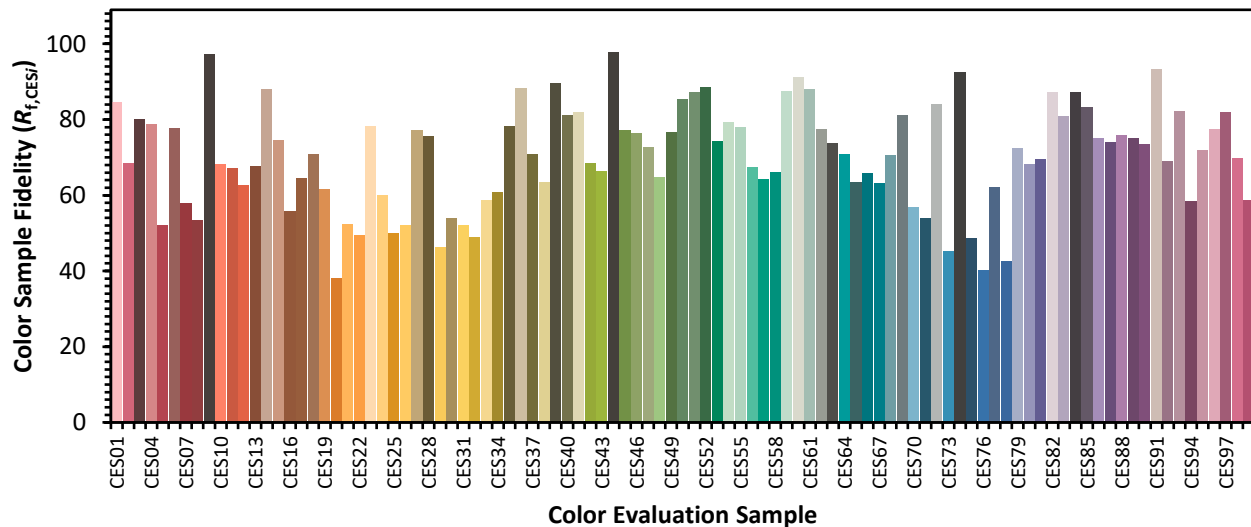


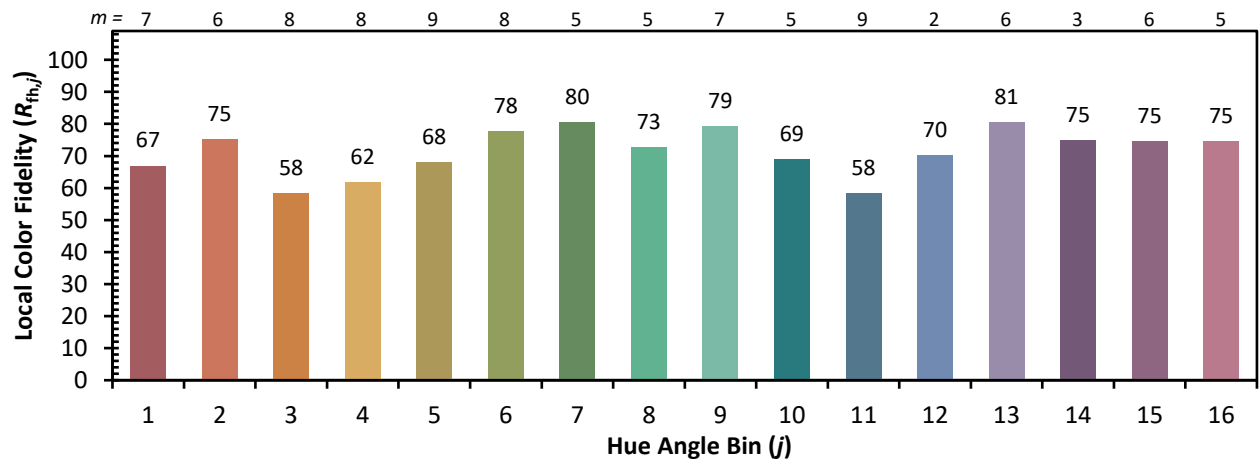
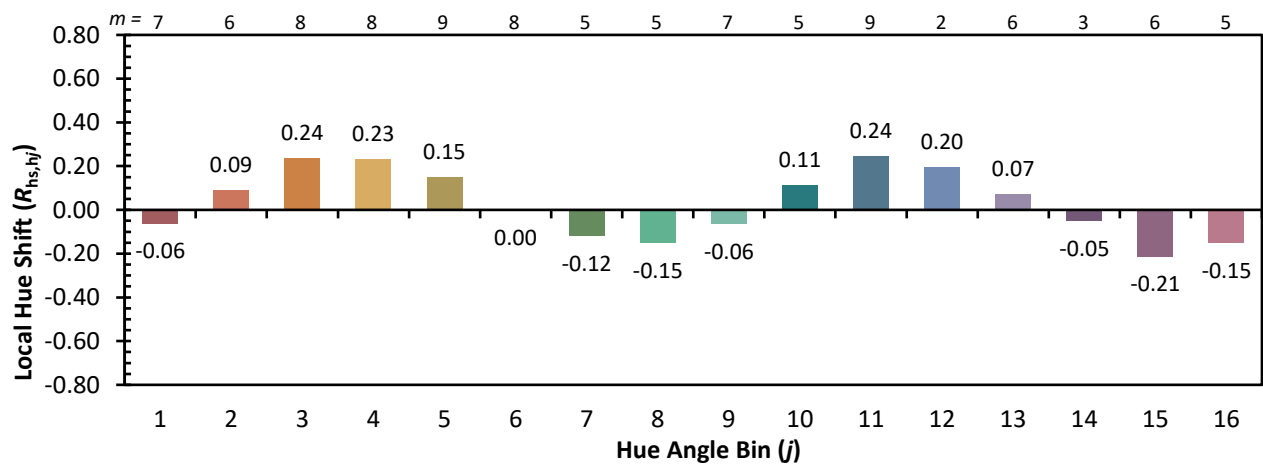
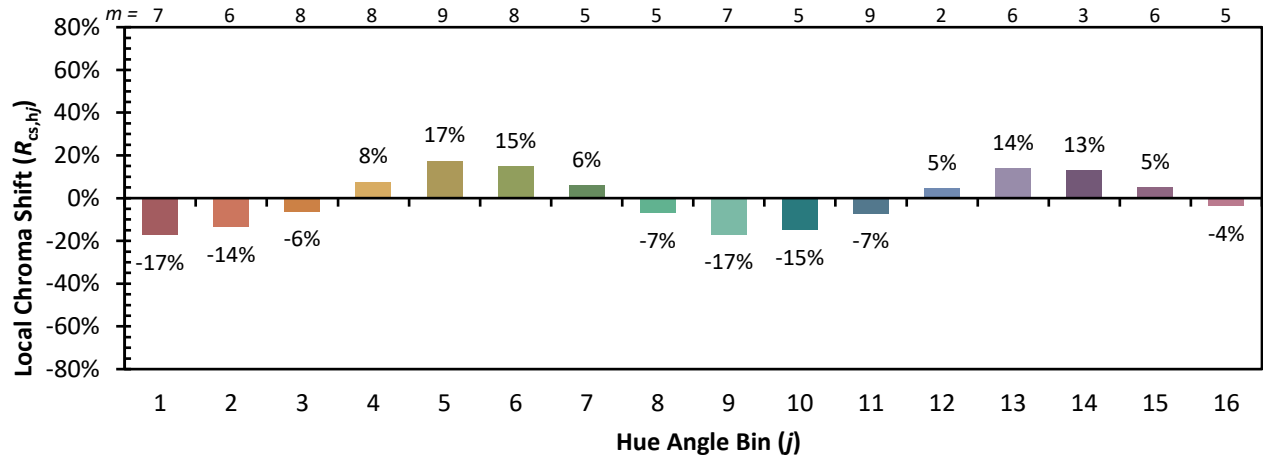
Color Vector Graphics



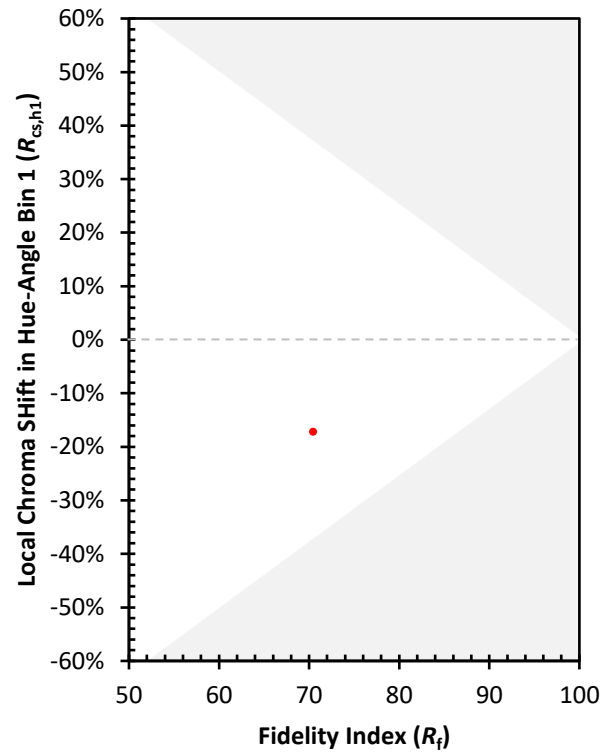
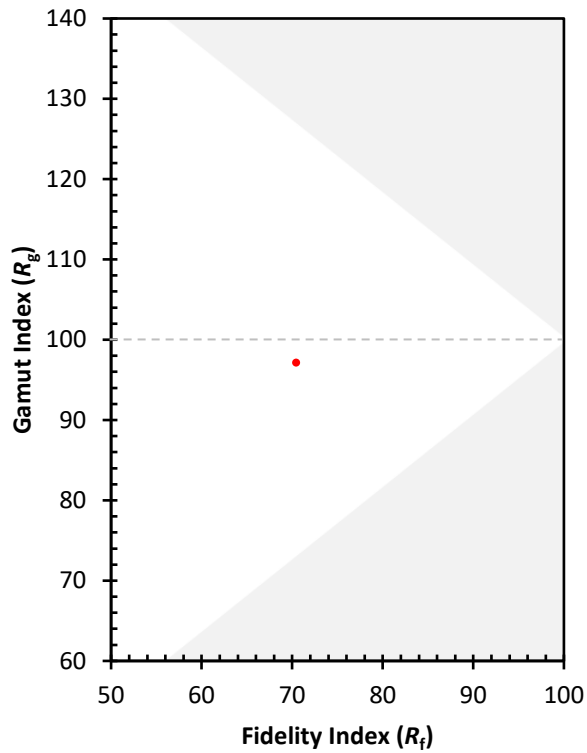
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82 = 87
CES08 = 37	CES33 = 59	CES58 = 66	CES83 = 81
CES09 = 29	CES34 = 61	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 78	CES60 = 91	CES85 = 83
CES11 = 55	CES36 = 88	CES61 = 88	CES86 = 75
CES12 = 61	CES37 = 71	CES62 = 77	CES87 = 74
CES13 = 41	CES38 = 64	CES63 = 74	CES88 = 76
CES14 = 74	CES39 = 90	CES64 = 71	CES89 = 75
CES15 = 70	CES40 = 81	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 82	CES66 = 66	CES91 = 93
CES17 = 48	CES42 = 69	CES67 = 63	CES92 = 69
CES18 = 55	CES43 = 67	CES68 = 71	CES93 = 82
CES19 = 70	CES44 = 98	CES69 = 81	CES94 = 58
CES20 = 63	CES45 = 77	CES70 = 57	CES95 = 72
CES21 = 85	CES46 = 76	CES71 = 54	CES96 = 78
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 45	CES98 = 70
CES24 = 90	CES49 = 77	CES74 = 92	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)