

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: P1057605

Luminaire Tested: **GAP-SA1D-740-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1057605
Test Lab: INNOVATION CENTER(G1)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAP-SA1D-740-U-T4BC
Description: GALLEON PEDESTRAIAN COMPANION 1200mA 1xLight Square PACKAGE 70CRI
4000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (14) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6048 lumens
Efficiency: N/A
Efficacy: 107.8 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): 56.1
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

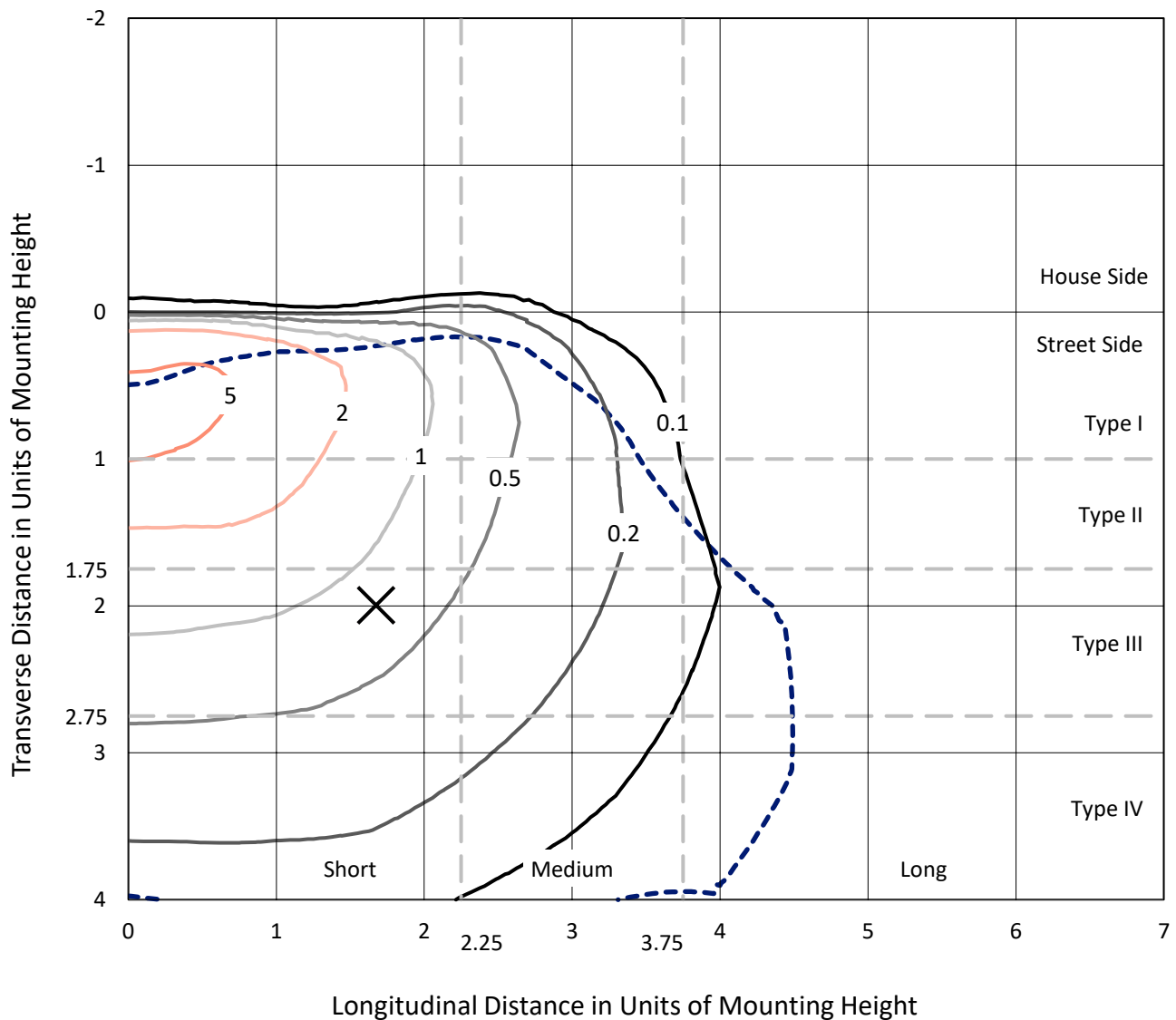


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

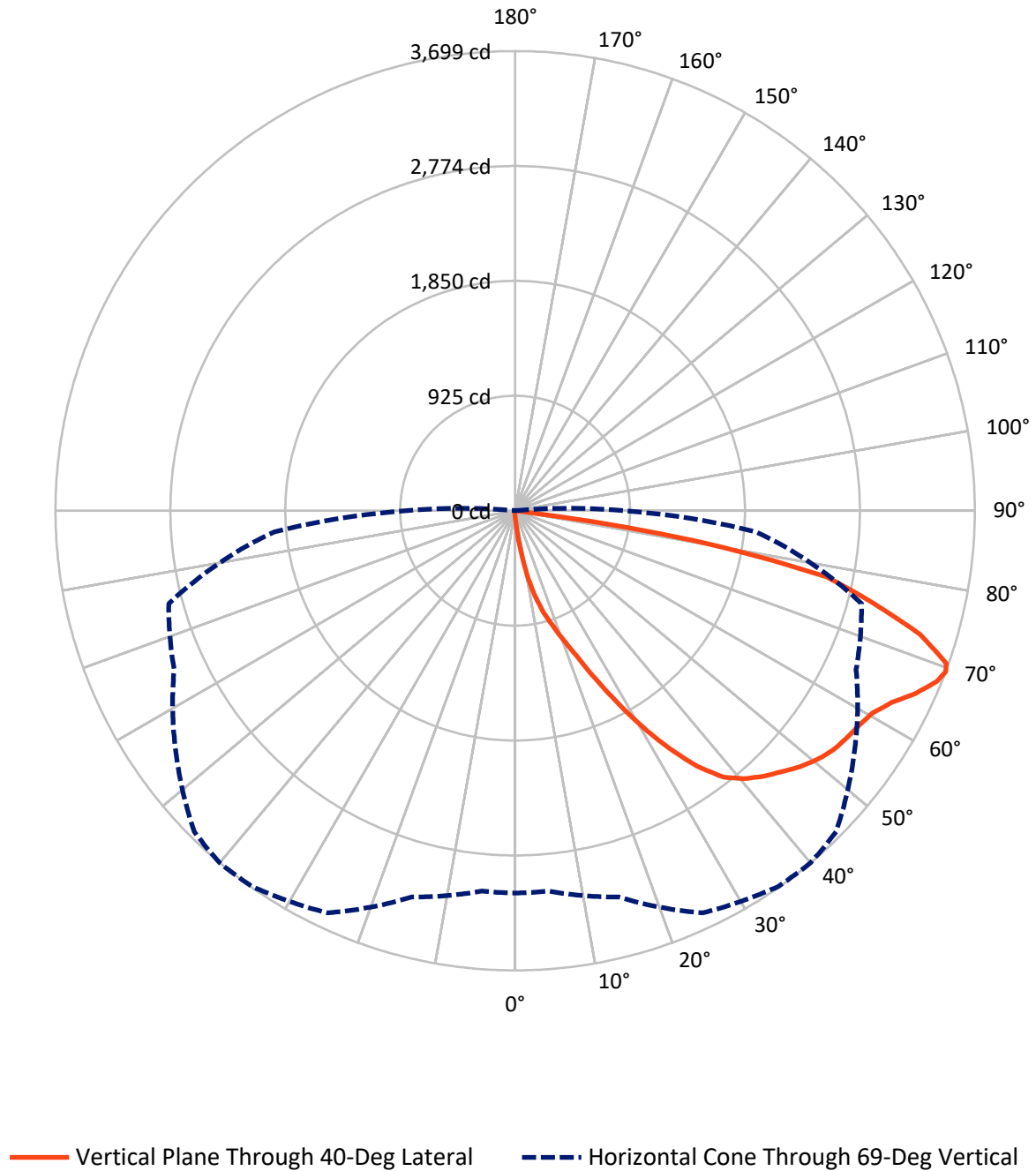


Based on 15 foot mounting height. Maximum calculated value = 6.9 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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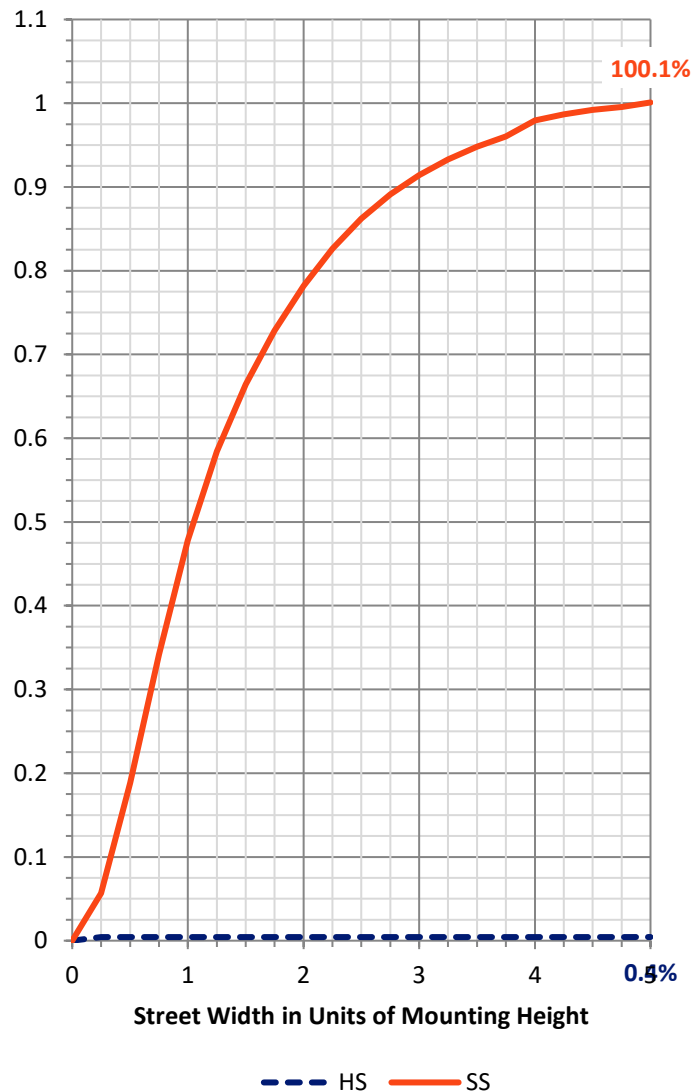
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	26.5	0.0	26.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	6021.5	0.0	6021.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	6048.0	0.0	6048.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.7	0.2
10°-20°	96.6	1.6
20°-30°	290.9	4.8
30°-40°	640.5	10.6
40°-50°	984.3	16.3
50°-60°	1212.1	20.0
60°-70°	1530.2	25.3
70°-80°	1177.1	19.5
80°-90°	103.4	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°	6048.0	100.0
0°-180°	6048.0	100.0



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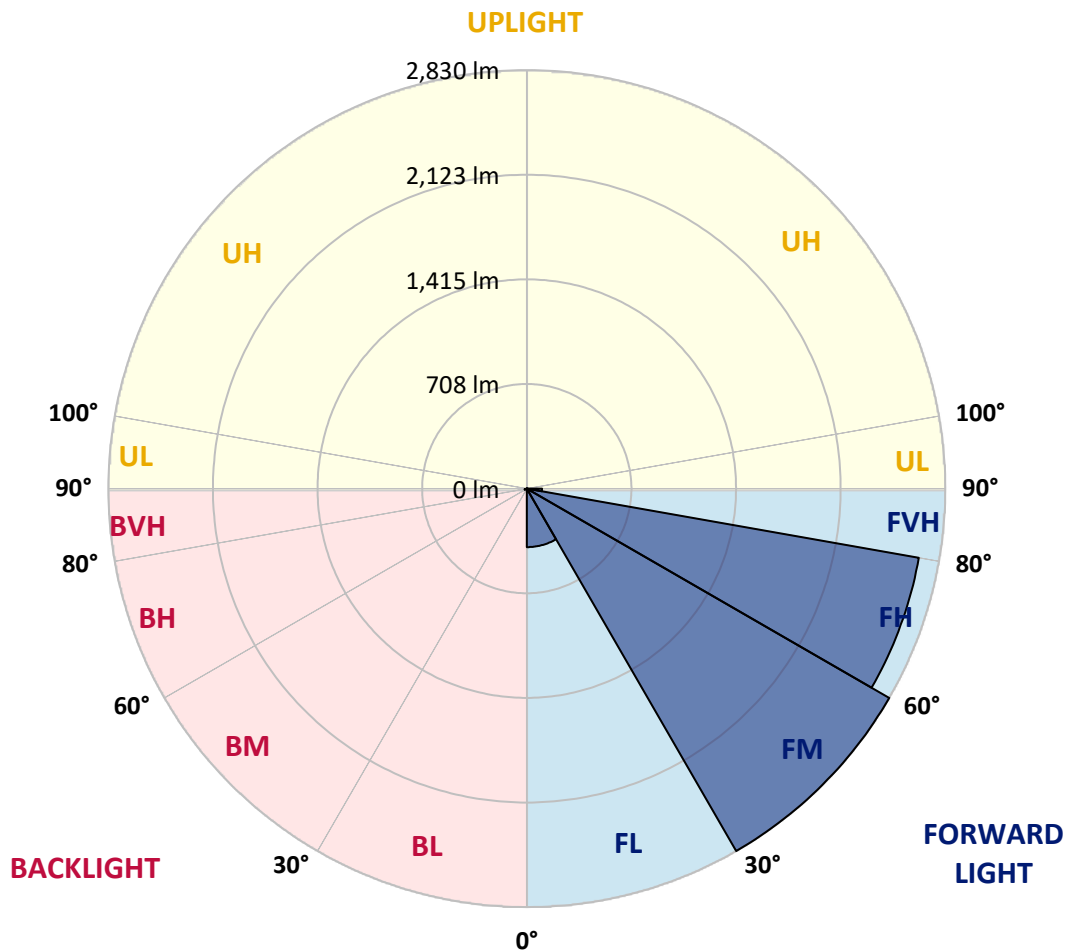
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	395.8	6.5			
FM	(30°-60°)	2830.5	46.8			
FH	(60°-80°)	2692.1	44.5			G2/5000
FVH	(80°-90°)	103.1	1.7			G2/225
BL	(0°-30°)	4.5	0.1	B0/110		
BM	(30°-60°)	6.5	0.1	B0/220		
BH	(60°-80°)	15.2	0.3	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-G2

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
2.5°	98.7	97.6	93.0	87.4	82.8	79.4	74.9	68.1	61.3	53.3	47.6
5°	258.6	257.5	239.4	216.7	186.0	165.6	145.2	112.3	85.1	65.8	49.9
7.5°	478.7	475.3	458.3	423.1	358.5	323.3	285.9	200.8	130.5	81.7	53.3
10°	696.5	694.3	672.7	621.7	551.3	516.2	466.2	342.6	205.3	106.6	57.9
12.5°	824.7	830.4	814.5	790.7	730.6	697.7	640.9	498.0	315.4	146.3	63.5
15°	930.2	932.5	917.7	903.0	870.1	842.9	795.2	663.6	447.0	199.7	70.3
17.5°	1060.7	1057.3	1041.4	1024.4	988.1	967.7	937.0	816.8	587.6	275.7	79.4
20°	1226.3	1217.2	1199.1	1169.6	1129.9	1104.9	1073.2	973.3	728.3	359.6	90.8
22.5°	1438.4	1427.1	1407.8	1380.6	1310.3	1271.7	1230.8	1107.2	883.7	466.2	105.5
25°	1683.5	1677.8	1657.4	1618.8	1543.9	1492.9	1427.1	1263.7	1038.0	579.7	123.7
27.5°	1971.6	1961.4	1934.2	1888.8	1808.3	1741.3	1659.7	1436.2	1185.5	699.9	146.3
30°	2293.8	2271.1	2215.5	2175.8	2081.7	2015.9	1920.6	1665.3	1337.5	825.9	170.2
32.5°	2593.3	2563.8	2483.2	2428.8	2341.4	2282.4	2195.1	1896.7	1508.8	957.4	200.8
35°	2864.4	2832.6	2702.2	2619.4	2575.1	2525.2	2436.7	2161.1	1693.7	1098.1	236.0
37.5°	3093.6	3061.8	2893.9	2763.4	2736.2	2719.2	2647.7	2384.5	1903.6	1256.9	276.8
40°	3221.7	3201.3	3056.1	2908.6	2856.5	2836.0	2783.9	2571.7	2137.2	1415.8	324.4
42.5°	3261.4	3249.0	3131.0	3058.4	2963.1	2922.3	2859.9	2714.7	2338.0	1593.9	378.9
45°	3239.9	3226.3	3140.1	3157.1	3077.7	2998.3	2913.2	2812.2	2507.1	1803.7	447.0
47.5°	3148.0	3143.5	3084.5	3180.9	3171.8	3081.1	2975.6	2876.9	2652.3	2006.8	532.0
50°	2923.4	2921.1	2948.3	3148.0	3234.2	3149.1	3043.6	2934.7	2768.0	2209.8	640.9
52.5°	2620.5	2636.4	2773.6	3086.7	3252.4	3202.5	3111.7	3000.5	2863.3	2412.9	787.3
55°	2460.5	2474.2	2654.5	3019.8	3249.0	3234.2	3180.9	3064.1	2950.6	2579.7	982.4
57.5°	2581.9	2567.2	2650.0	3010.7	3234.2	3261.4	3230.8	3114.0	3030.0	2727.1	1252.4
60°	2812.2	2807.7	2817.9	3075.4	3264.8	3305.7	3284.1	3148.0	3108.3	2839.4	1549.6
62.5°	3044.8	3032.3	3042.5	3253.5	3371.5	3399.8	3373.8	3203.6	3169.6	2921.1	1871.8
65°	3160.5	3151.4	3199.1	3432.7	3523.5	3542.8	3508.7	3293.2	3179.8	2963.1	2074.8
67.5°	3145.7	3143.5	3254.6	3558.7	3650.6	3661.9	3633.5	3382.8	3136.7	2962.0	2096.4
69°	3076.5	3072.0	3218.3	3571.1	3691.4	3699.3	3652.8	3337.5	3027.8	2886.0	1943.3
70°	2994.9	2999.4	3165.0	3548.5	3692.5	3681.2	3573.4	3272.8	2944.9	2798.6	1748.1
72.5°	2690.8	2719.2	2946.1	3399.8	3537.1	3410.1	3269.4	3060.7	2787.3	2385.7	1220.6
75°	2250.7	2290.4	2583.1	3091.3	3041.4	2977.8	2960.8	2802.0	2525.2	1584.8	867.8
77.5°	1100.4	1232.0	1833.2	2374.3	2495.7	2560.4	2536.6	2316.5	2029.5	778.2	566.1
80°	57.9	60.1	96.4	226.9	1156.0	1470.2	1808.3	1768.6	1536.0	355.1	298.4
82.5°	30.6	30.6	34.0	39.7	46.5	55.6	147.5	1013.0	913.2	182.6	111.2
85°	17.0	17.0	20.4	27.2	35.2	40.8	46.5	61.3	196.3	65.8	18.2
87.5°	7.9	10.2	13.6	19.3	25.0	31.8	36.3	45.4	57.9	55.6	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°	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
2.5°	44.2	42.0	38.6	36.3	35.2	32.9	30.6	29.5	28.4	27.2	28.4
5°	44.2	40.8	35.2	31.8	29.5	26.1	23.8	22.7	21.6	20.4	20.4
7.5°	44.2	38.6	31.8	27.2	23.8	21.6	18.2	17.0	15.9	14.7	14.7
10°	45.4	36.3	28.4	23.8	20.4	17.0	14.7	12.5	11.3	11.3	11.3
12.5°	45.4	34.0	25.0	20.4	17.0	13.6	10.2	7.9	6.8	6.8	6.8
15°	45.4	31.8	22.7	17.0	13.6	10.2	5.7	3.4	2.3	2.3	1.1
17.5°	46.5	30.6	20.4	14.7	10.2	5.7	1.1	0.0	0.0	0.0	0.0
20°	48.8	29.5	18.2	12.5	6.8	2.3	0.0	0.0	0.0	0.0	0.0
22.5°	51.0	28.4	15.9	9.1	3.4	1.1	0.0	0.0	0.0	0.0	0.0
25°	55.6	28.4	14.7	7.9	2.3	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	60.1	28.4	11.3	4.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0
30°	63.5	28.4	10.2	3.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	68.1	28.4	9.1	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	71.5	27.2	6.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	74.9	26.1	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	79.4	25.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	83.9	22.7	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	89.6	21.6	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	97.6	20.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	108.9	20.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	128.2	20.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	160.0	20.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	215.5	20.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	324.4	20.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	501.4	22.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	766.9	27.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	972.2	32.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69°	878.0	30.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	744.2	23.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	414.1	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	215.5	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	91.9	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	27.2	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	9.1	2.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	3.4	2.3	1.1	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.3	1.1	1.1	1.1	1.1	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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

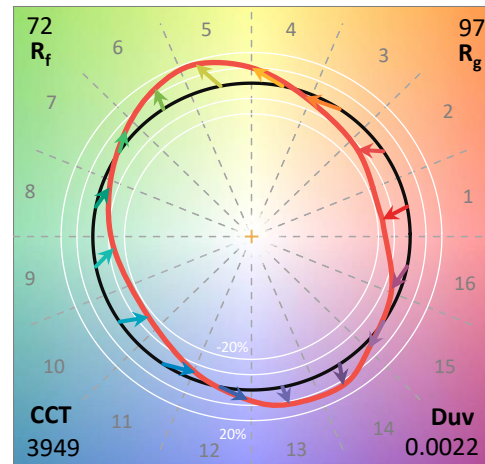
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-1
 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-740-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949	CRI (Ra):	70.7		
CIE u':	0.2248	R1:	68.0	R9:	-36.7
CIE v':	0.5053	R2:	76.0	R10:	45.1
Duv:	0.0022	R3:	84.3	R11:	70.7
CIE x:	0.3844	R4:	72.0	R12:	47.1
CIE y:	0.3840	R5:	68.6	R13:	68.5
CIE z:	0.2316	R6:	68.3	R14:	91.1
Peak Wavelength (nm):	440	R7:	77.9	R15:	58.7
Dominant Wavelength (nm):	578	R8:	50.3		
Purity:	30.60026				
Rf:	71.8				
Rg:	96.5				



Test Conditions

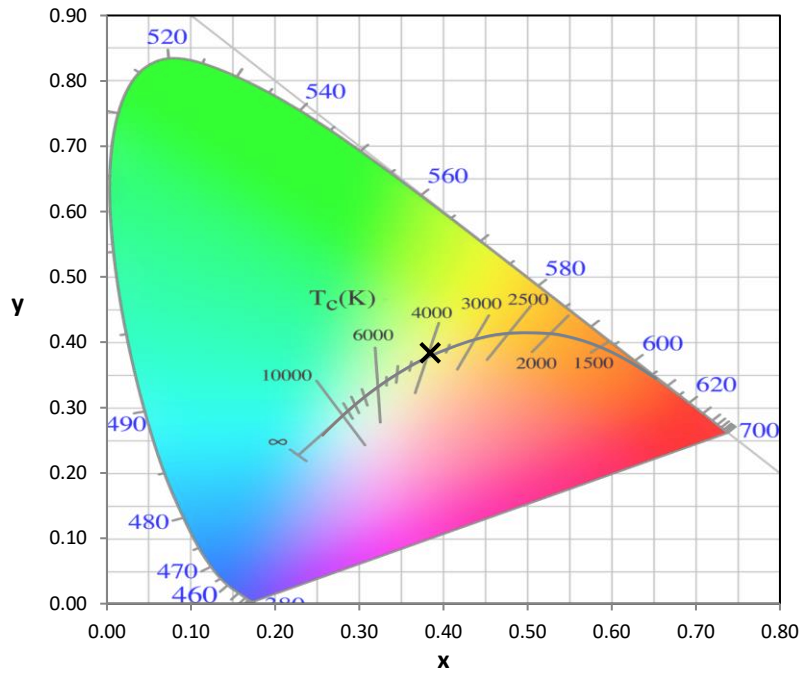
Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

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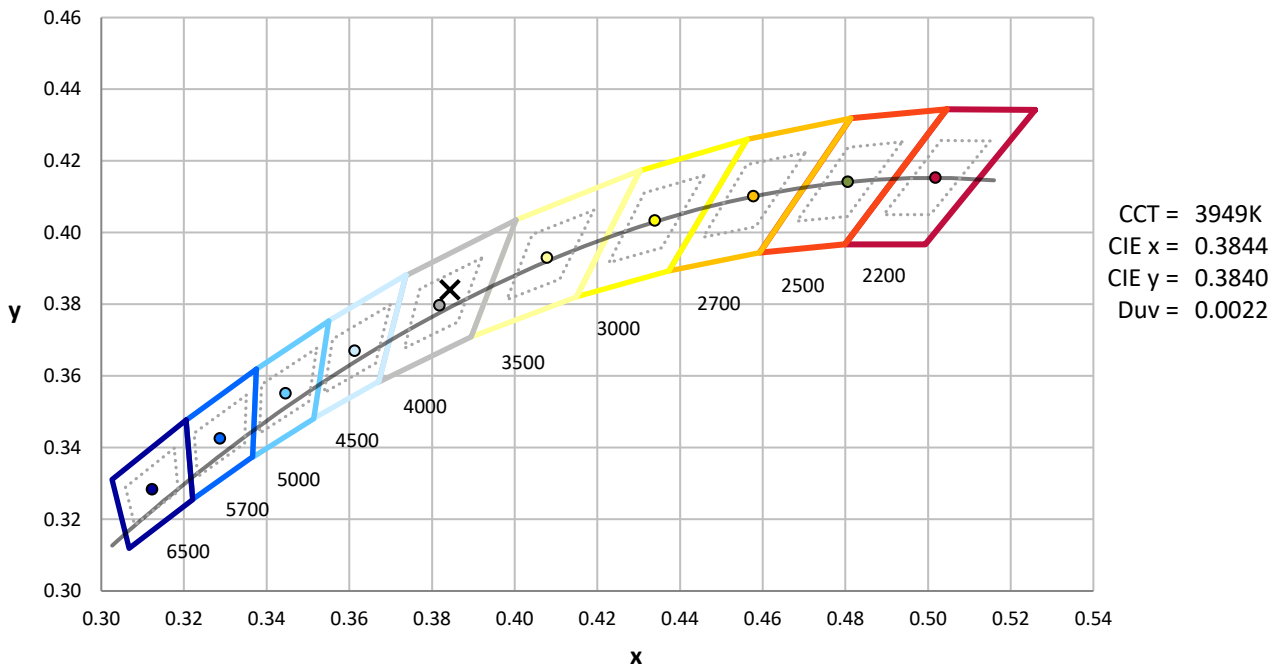
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



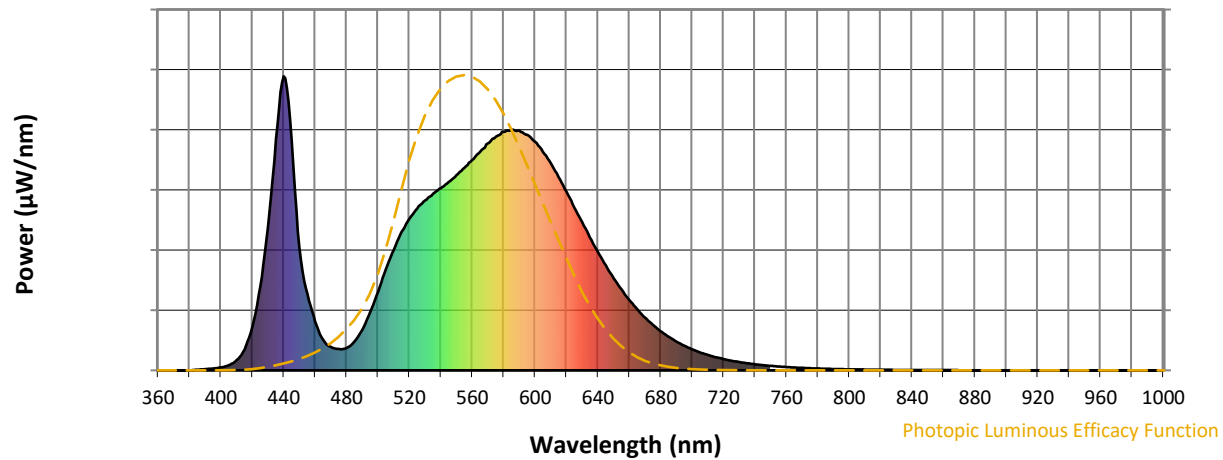
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

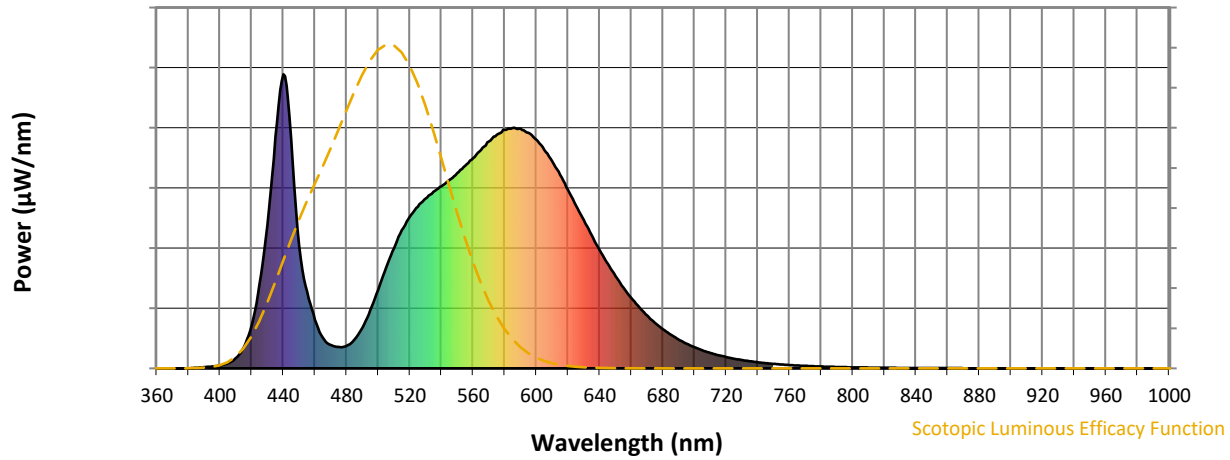


Photopic Lumens: NR

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



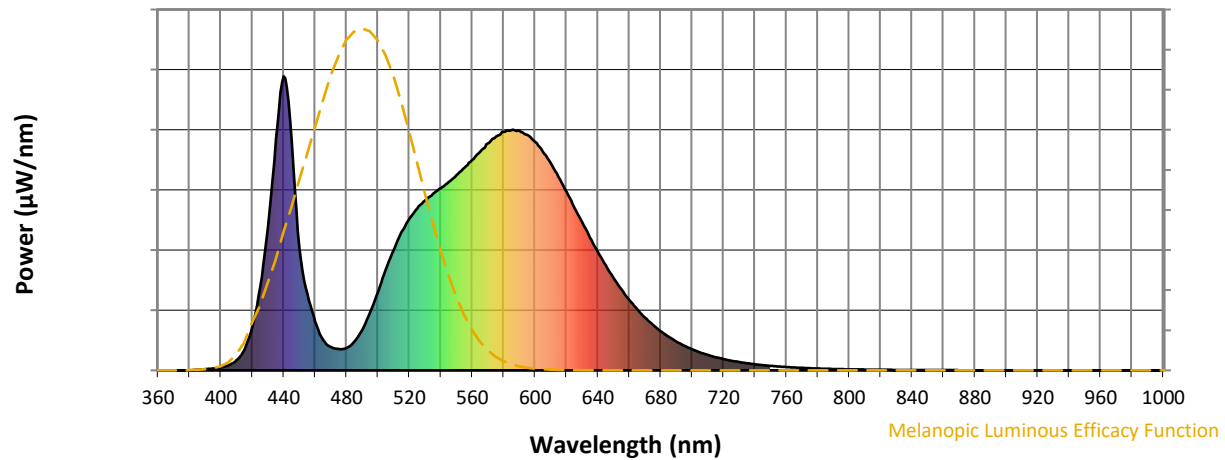
Scotopic Lumens: NR

S/P: 1.47

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.78

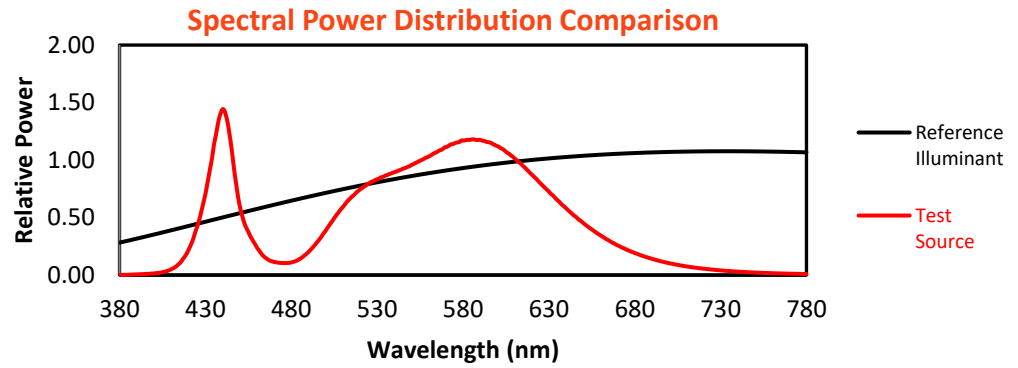
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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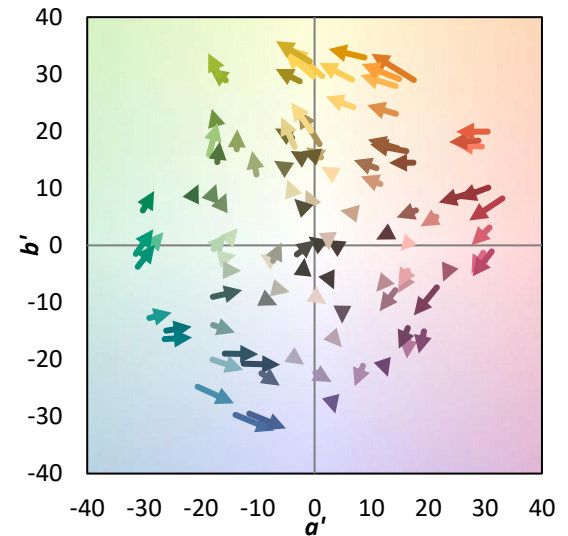
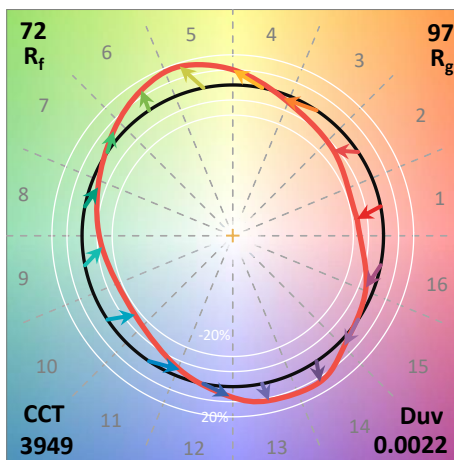
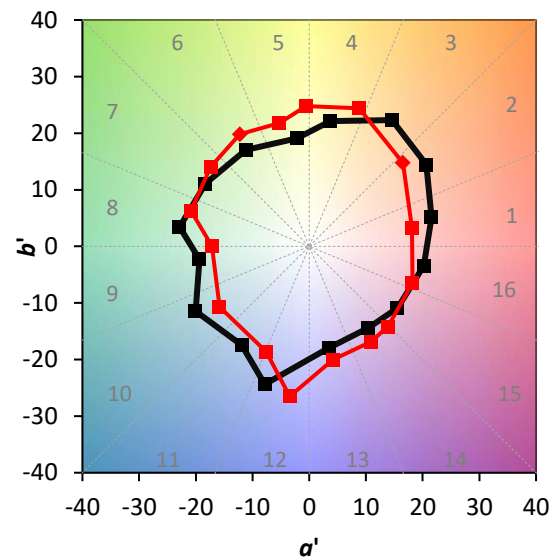
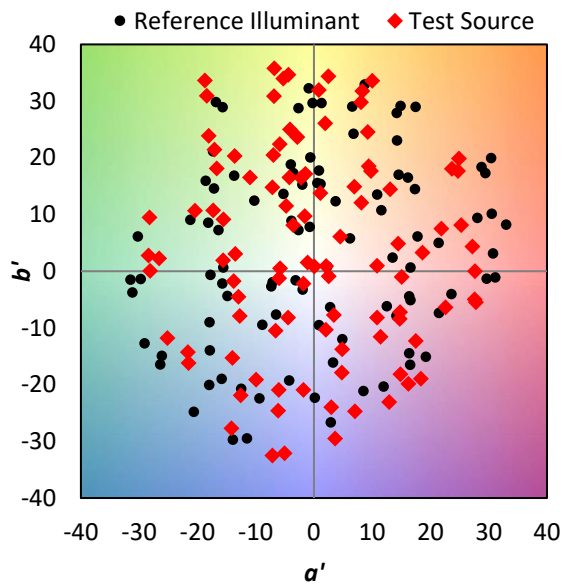
TM-30-18

Summary

$R_f = 71.8$
 $R_g = 96.5$
 CIE $R_a = 70.7$
 $R_g = -36.7$

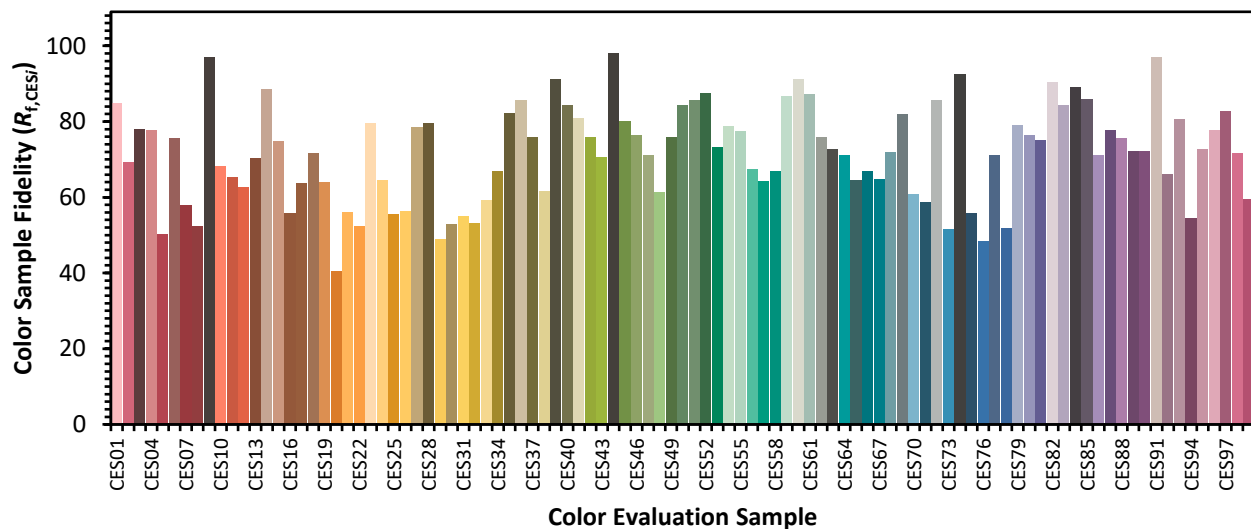


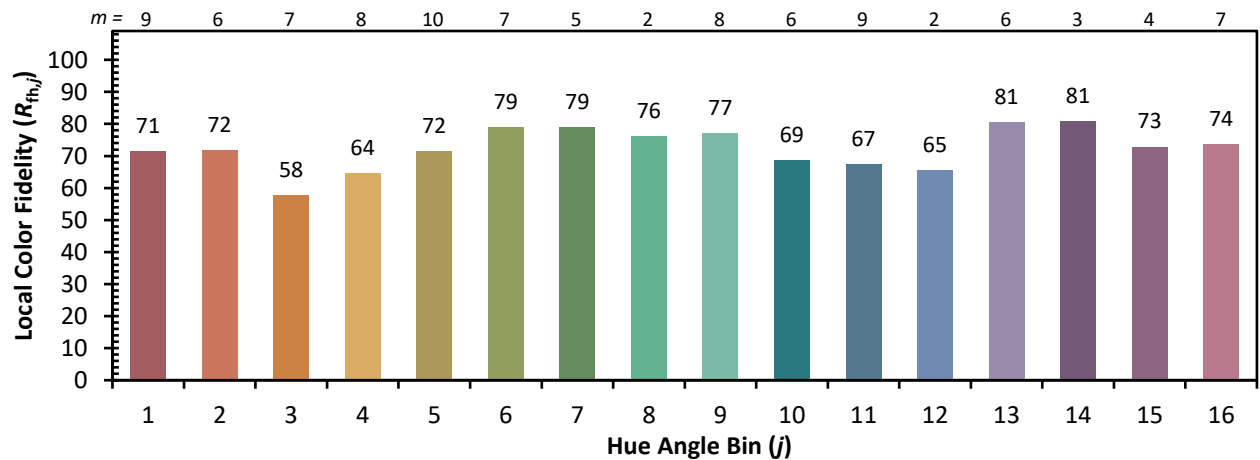
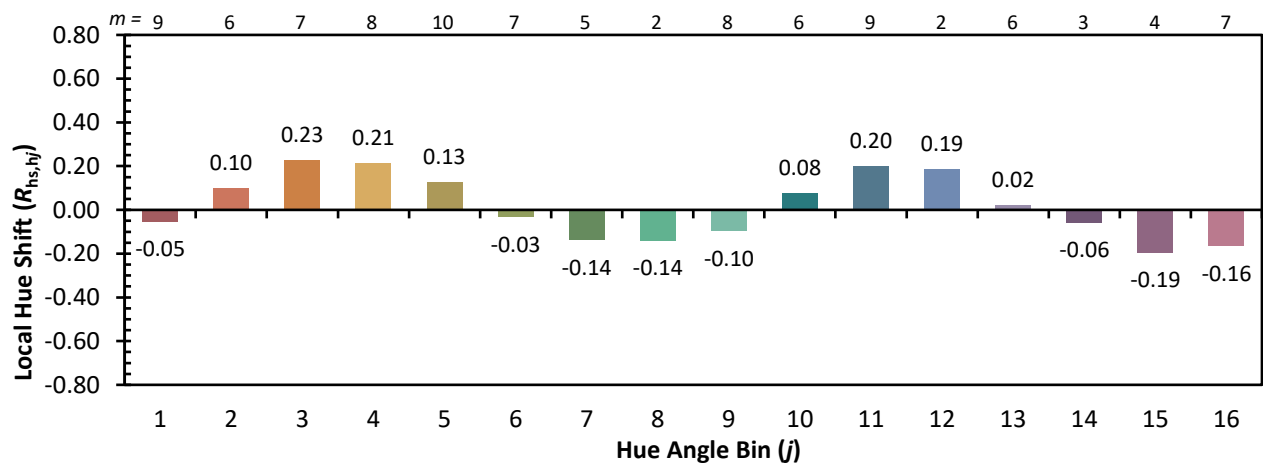
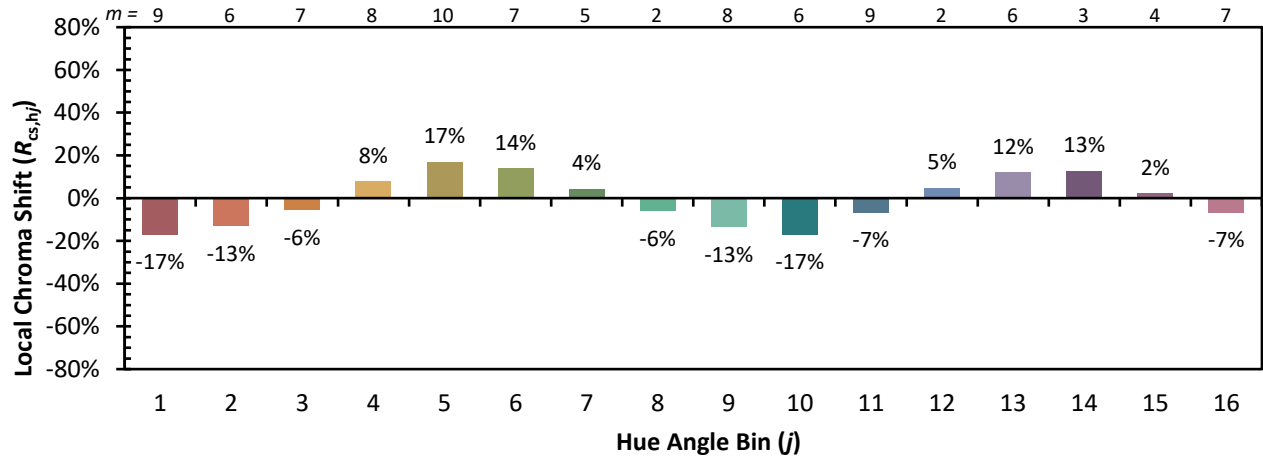
Color Vector Graphics

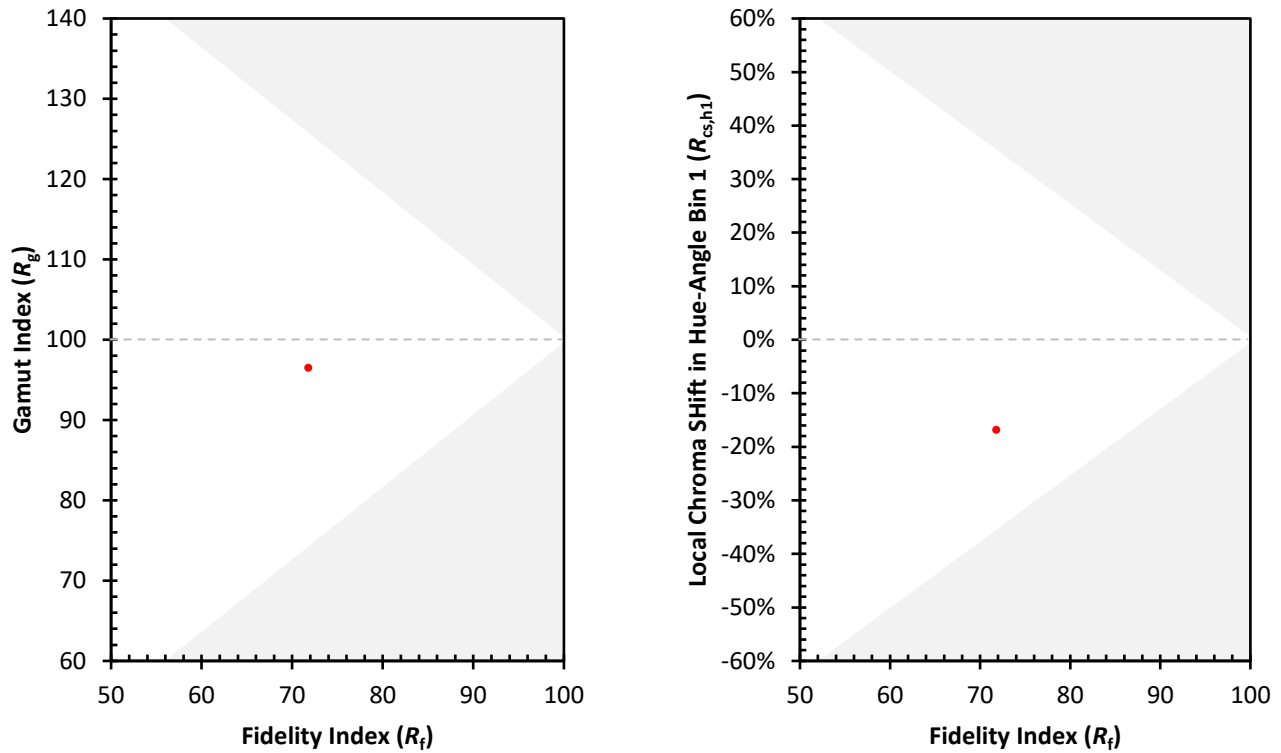


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	



Color Rendition by Hue-Angle Bin


Measure Comparisons


(END OF REPORT)