

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: P1057596

Luminaire Tested: **GAP-SA2A-730-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1057596
Test Lab: INNOVATION CENTER(G1)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAP-SA2A-730-U-T4BC
Description: GALLEON PEDESTRAIAN COMPANION 615mA 2xLight Square PACKAGE 70CRI
3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6221.5 lumens
Efficiency: N/A
Efficacy: 111.9 lumens/watt
Luminous Opening: Rectangular (W 1.33' x L: 0.67' x H: 0')
IES Classification: Type IV - 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

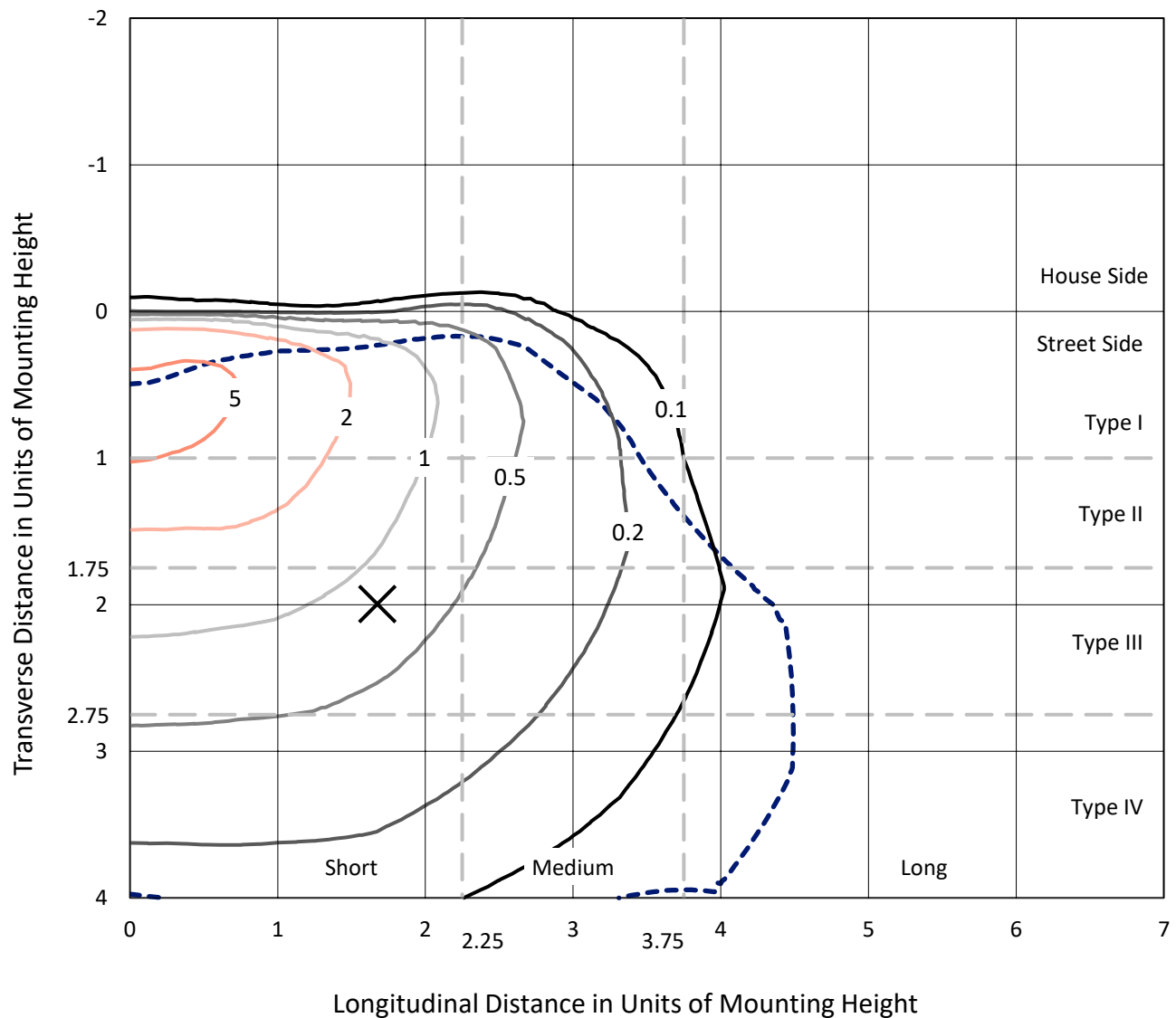


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

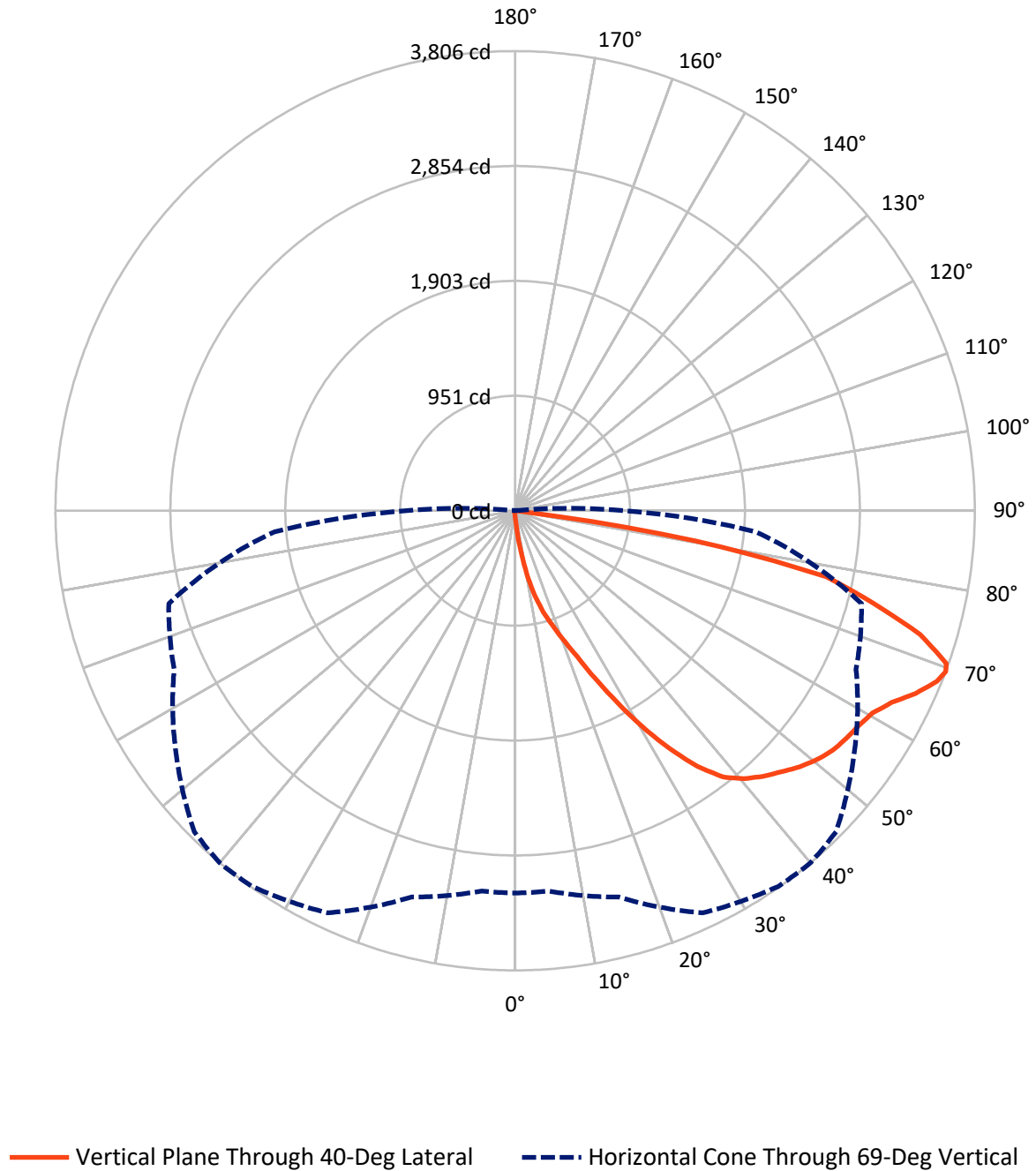


Based on 15 foot mounting height. Maximum calculated value = 7.1 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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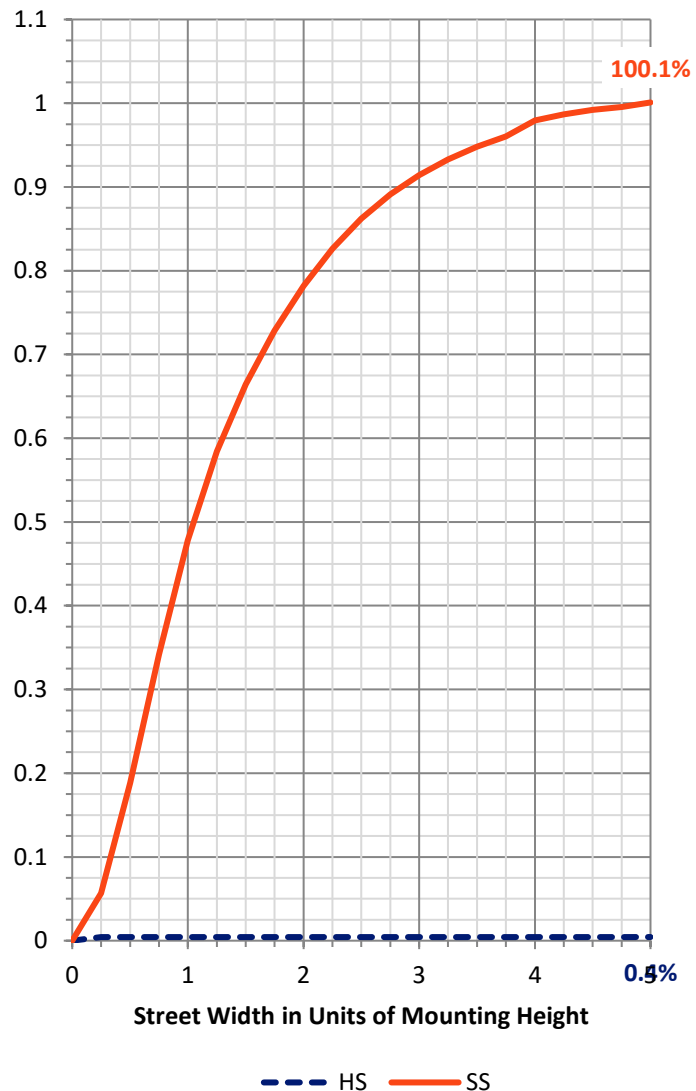
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	27.3	0.0	27.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	6194.2	0.0	6194.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	6221.5	0.0	6221.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.1	0.2
10°-20°	99.4	1.6
20°-30°	299.3	4.8
30°-40°	658.9	10.6
40°-50°	1012.6	16.3
50°-60°	1246.9	20.0
60°-70°	1574.1	25.3
70°-80°	1210.8	19.5
80°-90°	106.4	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°	6221.5	100.0
0°-180°	6221.5	100.0



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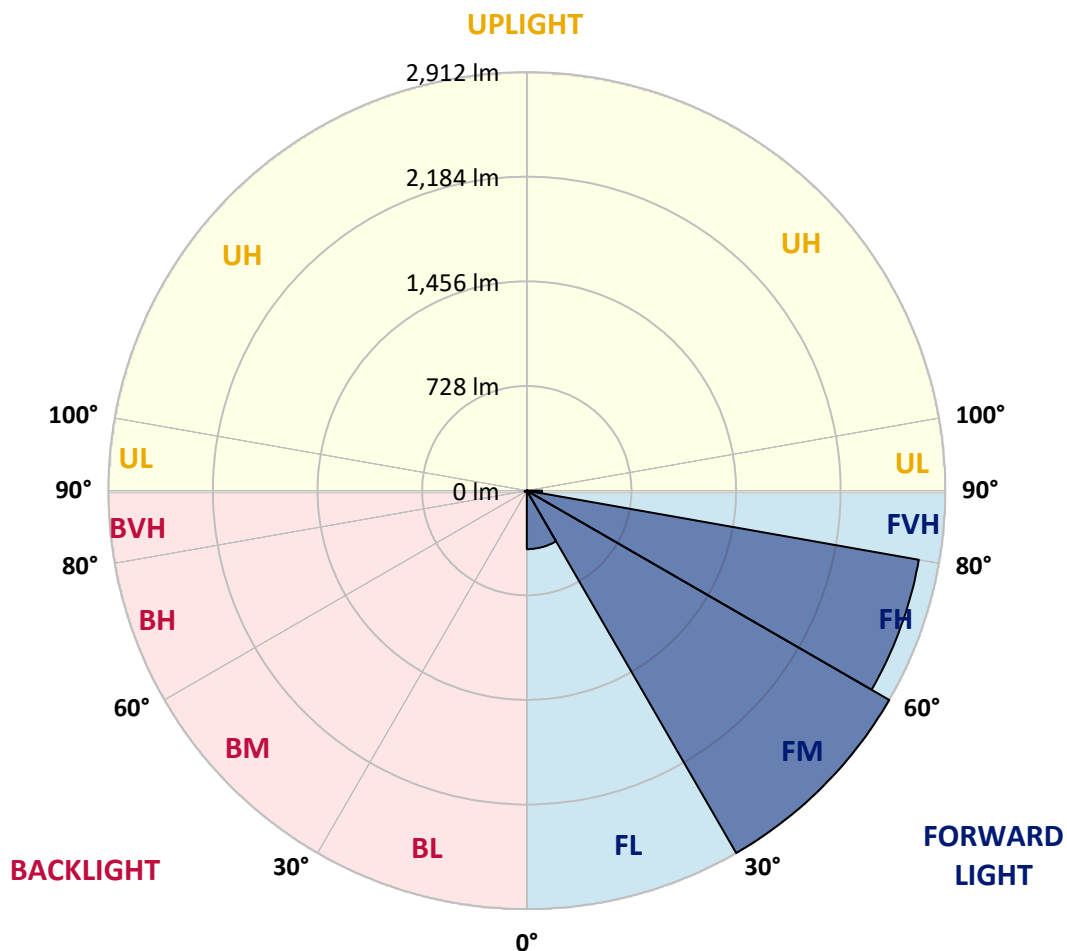
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	407.1	6.5			
FM	(30°-60°)	2911.7	46.8			
FH	(60°-80°)	2769.3	44.5			G2/5000
FVH	(80°-90°)	106.1	1.7			G2/225
BL	(0°-30°)	4.6	0.1	B0/110		
BM	(30°-60°)	6.7	0.1	B0/220		
BH	(60°-80°)	15.6	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°	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
2.5°	101.5	100.4	95.7	89.9	85.2	81.7	77.0	70.0	63.0	54.8	49.0
5°	266.1	264.9	246.2	222.9	191.4	170.4	149.4	115.5	87.5	67.7	51.3
7.5°	492.5	489.0	471.5	435.3	368.8	332.6	294.1	206.6	134.2	84.0	54.8
10°	716.5	714.2	692.0	639.5	567.1	531.0	479.6	352.4	211.2	109.7	59.5
12.5°	848.4	854.2	837.9	813.4	751.5	717.7	659.3	512.3	324.4	150.5	65.4
15°	956.9	959.2	944.1	928.9	895.1	867.1	818.0	682.7	459.8	205.4	72.4
17.5°	1091.1	1087.6	1071.3	1053.8	1016.4	995.4	963.9	840.2	604.5	283.6	81.7
20°	1261.5	1252.2	1233.5	1203.1	1162.3	1136.6	1104.0	1001.3	749.2	369.9	93.4
22.5°	1479.7	1468.0	1448.2	1420.2	1347.8	1308.2	1266.2	1139.0	909.1	479.6	108.5
25°	1731.8	1725.9	1704.9	1665.3	1588.2	1535.7	1468.0	1300.0	1067.8	596.3	127.2
27.5°	2028.2	2017.7	1989.7	1943.0	1860.1	1791.3	1707.3	1477.4	1219.5	720.0	150.5
30°	2359.6	2336.3	2279.1	2238.2	2141.4	2073.7	1975.7	1713.1	1375.9	849.6	175.0
32.5°	2667.7	2637.3	2554.5	2498.5	2408.6	2347.9	2258.1	1951.2	1552.1	984.9	206.6
35°	2946.6	2913.9	2779.7	2694.5	2649.0	2597.7	2506.6	2223.1	1742.3	1129.6	242.7
37.5°	3182.3	3149.6	2976.9	2842.7	2814.7	2797.2	2723.7	2453.0	1958.2	1293.0	284.7
40°	3314.2	3293.2	3143.8	2992.1	2938.4	2917.4	2863.7	2645.5	2198.6	1456.4	333.8
42.5°	3355.0	3342.2	3220.8	3146.1	3048.1	3006.1	2941.9	2792.6	2405.1	1639.6	389.8
45°	3332.9	3318.9	3230.2	3247.7	3166.0	3084.3	2996.8	2892.9	2579.0	1855.5	459.8
47.5°	3238.3	3233.7	3173.0	3272.2	3262.8	3169.5	3061.0	2959.4	2728.4	2064.4	547.3
50°	3007.3	3004.9	3032.9	3238.3	3327.0	3239.5	3131.0	3018.9	2847.4	2273.3	659.3
52.5°	2695.7	2712.0	2853.2	3175.3	3345.7	3294.3	3201.0	3086.6	2945.4	2482.1	809.9
55°	2531.1	2545.2	2730.7	3106.5	3342.2	3327.0	3272.2	3152.0	3035.3	2653.7	1010.6
57.5°	2656.0	2640.8	2726.0	3097.1	3327.0	3355.0	3323.5	3203.3	3117.0	2805.4	1288.3
60°	2892.9	2888.2	2898.7	3163.6	3358.5	3400.5	3378.4	3238.3	3197.5	2920.9	1594.1
62.5°	3132.1	3119.3	3129.8	3346.9	3468.2	3497.4	3470.6	3295.5	3260.5	3004.9	1925.5
65°	3251.2	3241.8	3290.8	3531.2	3624.6	3644.4	3609.4	3387.7	3271.0	3048.1	2134.4
67.5°	3236.0	3233.7	3348.0	3660.8	3755.3	3767.0	3737.8	3479.9	3226.7	3046.9	2156.6
69°	3164.8	3160.1	3310.7	3673.6	3797.3	3805.5	3757.6	3433.2	3114.6	2968.8	1999.0
70°	3080.8	3085.5	3255.8	3650.3	3798.5	3786.8	3675.9	3366.7	3029.4	2878.9	1798.3
72.5°	2768.0	2797.2	3030.6	3497.4	3638.6	3507.9	3363.2	3148.5	2867.2	2454.1	1255.7
75°	2315.3	2356.1	2657.2	3180.0	3128.6	3063.3	3045.8	2882.4	2597.7	1630.3	892.7
77.5°	1132.0	1267.3	1885.8	2442.5	2567.3	2633.8	2609.3	2382.9	2087.7	800.5	582.3
80°	59.5	61.8	99.2	233.4	1189.1	1512.4	1860.1	1819.3	1580.1	365.3	306.9
82.5°	31.5	31.5	35.0	40.8	47.8	57.2	151.7	1042.1	939.4	187.9	114.4
85°	17.5	17.5	21.0	28.0	36.2	42.0	47.8	63.0	201.9	67.7	18.7
87.5°	8.2	10.5	14.0	19.8	25.7	32.7	37.3	46.7	59.5	57.2	3.5
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°	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
2.5°	45.5	43.2	39.7	37.3	36.2	33.8	31.5	30.3	29.2	28.0	29.2
5°	45.5	42.0	36.2	32.7	30.3	26.8	24.5	23.3	22.2	21.0	21.0
7.5°	45.5	39.7	32.7	28.0	24.5	22.2	18.7	17.5	16.3	15.2	15.2
10°	46.7	37.3	29.2	24.5	21.0	17.5	15.2	12.8	11.7	11.7	11.7
12.5°	46.7	35.0	25.7	21.0	17.5	14.0	10.5	8.2	7.0	7.0	7.0
15°	46.7	32.7	23.3	17.5	14.0	10.5	5.8	3.5	2.3	2.3	1.2
17.5°	47.8	31.5	21.0	15.2	10.5	5.8	1.2	0.0	0.0	0.0	0.0
20°	50.2	30.3	18.7	12.8	7.0	2.3	0.0	0.0	0.0	0.0	0.0
22.5°	52.5	29.2	16.3	9.3	3.5	1.2	0.0	0.0	0.0	0.0	0.0
25°	57.2	29.2	15.2	8.2	2.3	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	61.8	29.2	11.7	4.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0
30°	65.4	29.2	10.5	3.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	70.0	29.2	9.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	73.5	28.0	7.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	77.0	26.8	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	81.7	25.7	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	86.4	23.3	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	92.2	22.2	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	100.4	21.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	112.0	21.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	131.9	21.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	164.5	21.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	221.7	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	333.8	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	515.8	23.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	788.9	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1000.1	33.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69°	903.2	31.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	765.5	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	425.9	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	221.7	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	94.5	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	28.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	9.3	2.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	3.5	2.3	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.3	1.2	1.2	1.2	1.2	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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

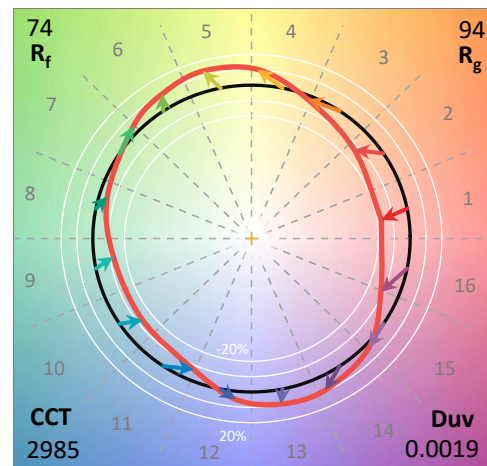
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-4
 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-730-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2985
 CIE u' : 0.2504
 CIE v' : 0.5243
 Duv: 0.0019
 CIE x: 0.4408
 CIE y: 0.4101
 CIE z: 0.1491
 Peak Wavelength (nm): 595
 Dominant Wavelength (nm): 582
 Purity: 55.41818
 R_f: 73.8
 R_g: 94.4

CRI (Ra): 70.8
 R1: 66.3
 R2: 80.6
 R3: 94.5
 R4: 68.2
 R5: 66.5
 R6: 74.7
 R7: 76.2
 R8: 39.6
 R9: -43.2
 R10: 57.6
 R11: 64.8
 R12: 53.5
 R13: 68.7
 R14: 97.0
 R15: 56.4



Test Conditions

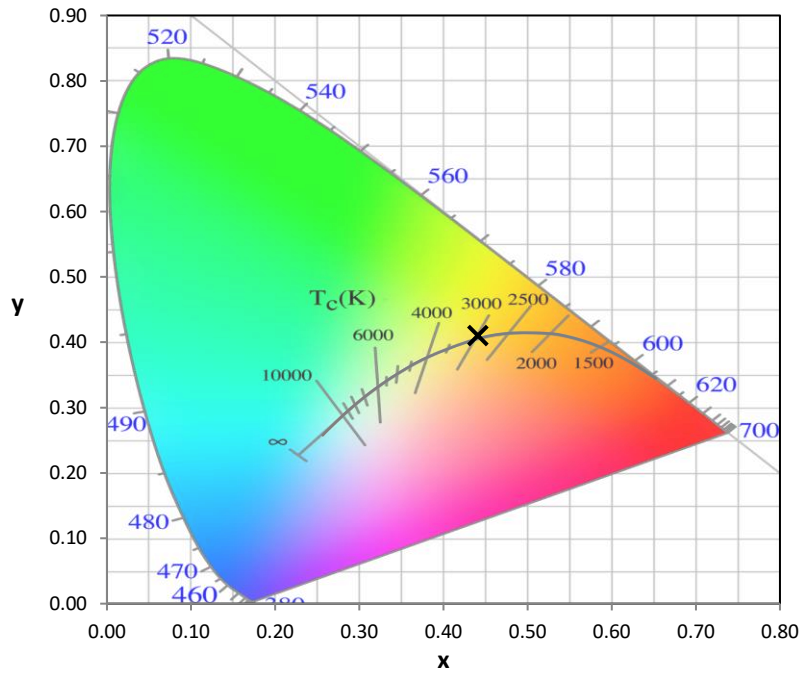
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

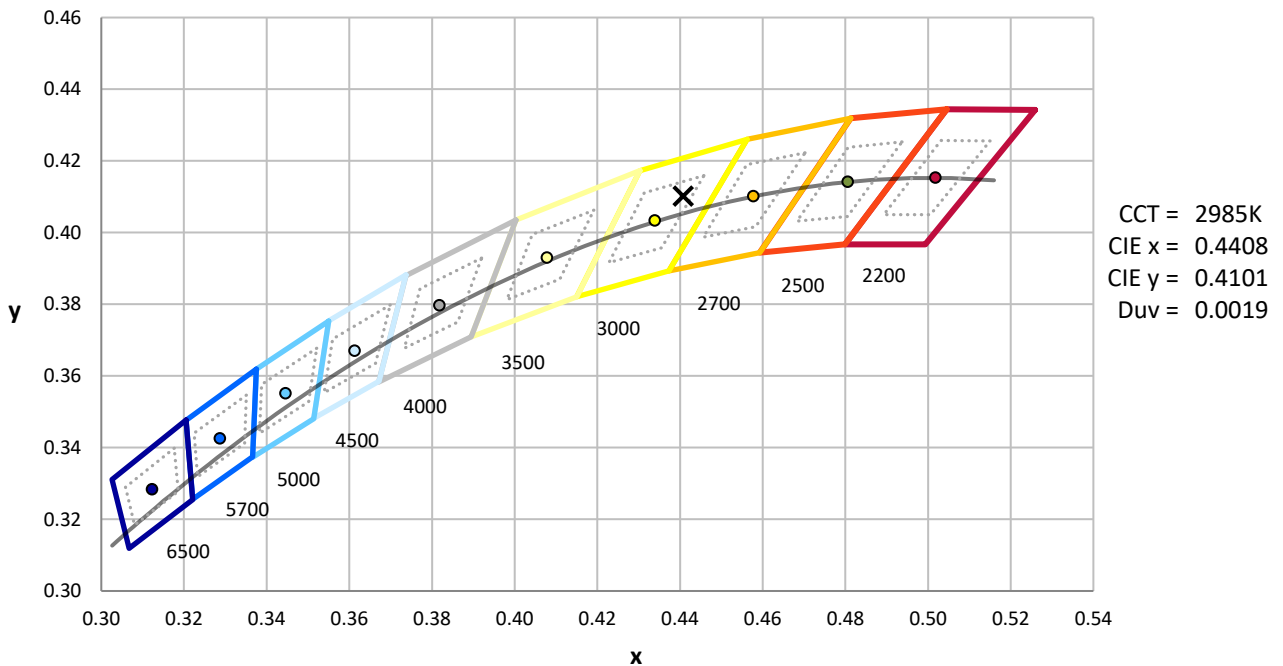
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



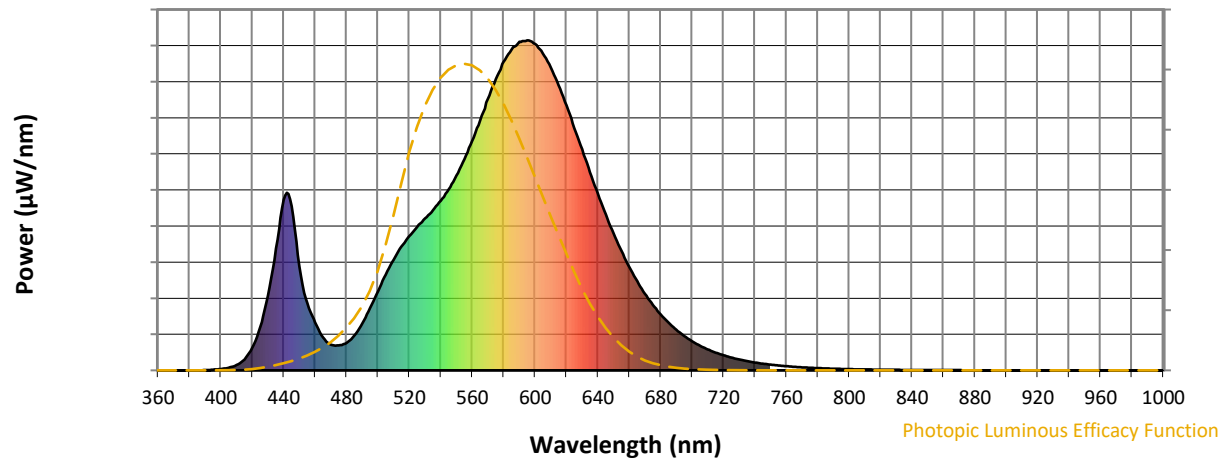
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

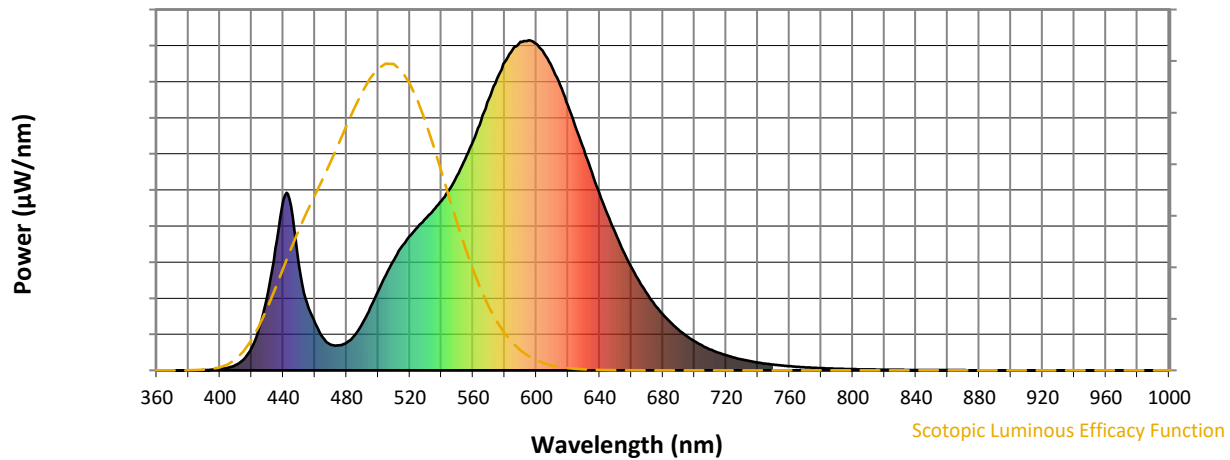


Photopic Lumens: NR

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



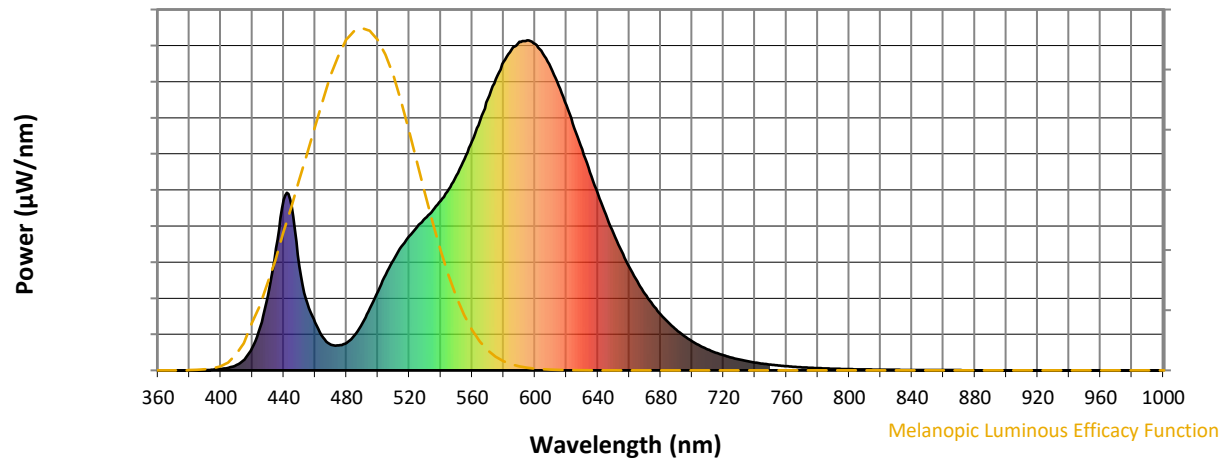
Scotopic Lumens: NR

S/P: 1.19

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

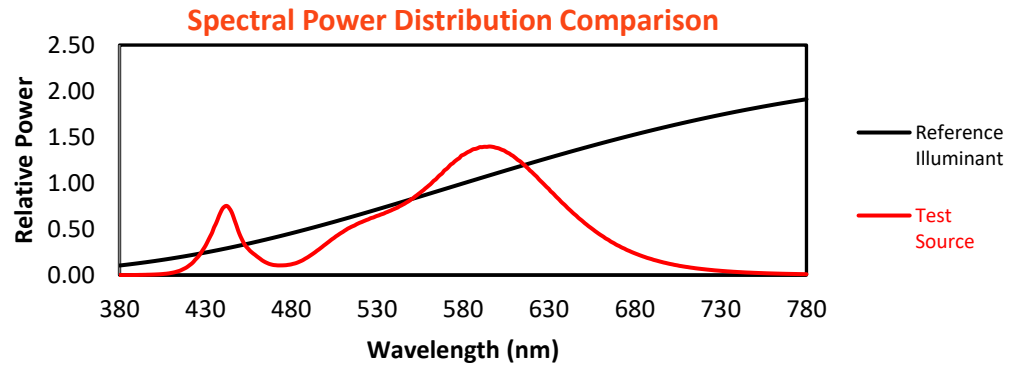
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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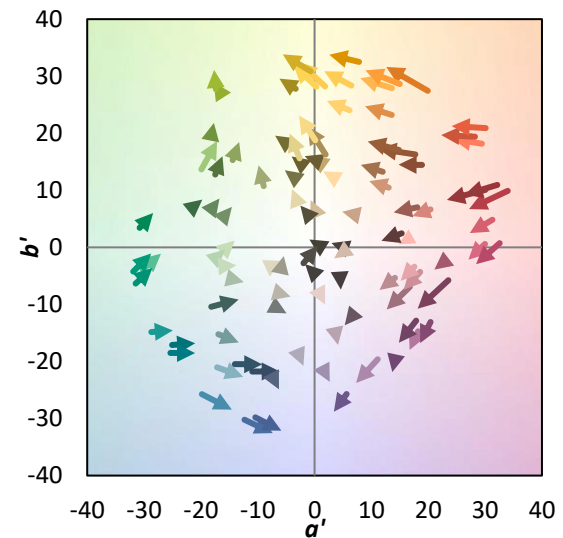
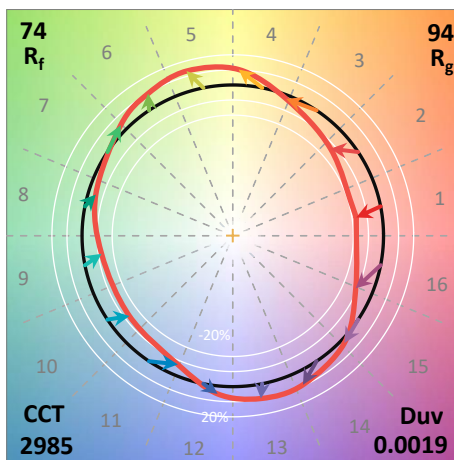
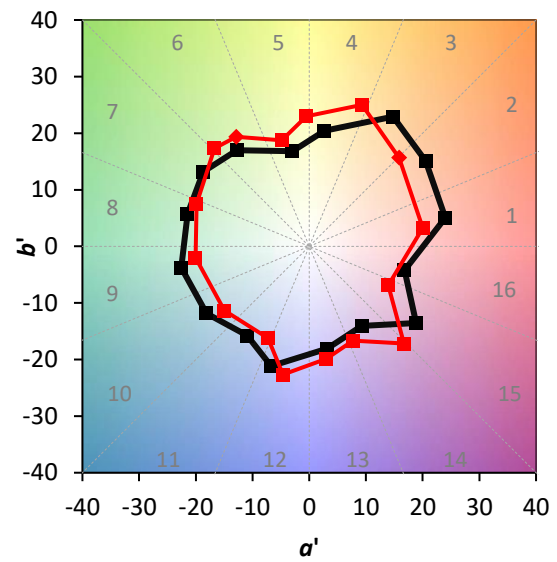
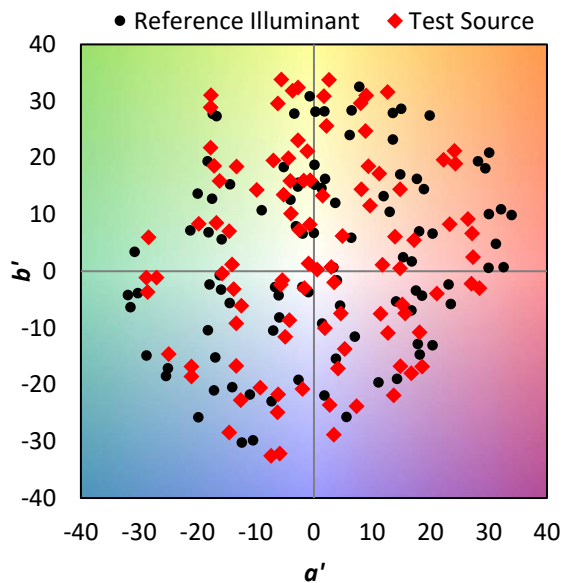
TM-30-18

Summary

$R_f = 73.8$
 $R_g = 94.4$
 $CIE\ R_a = 70.8$
 $R_g = -43.2$

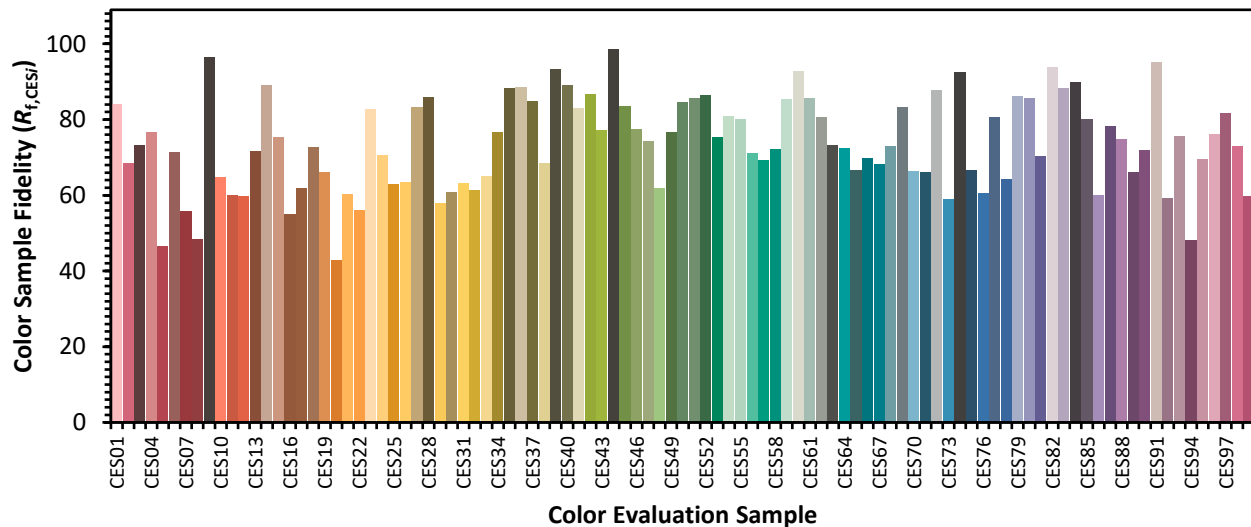


Color Vector Graphics

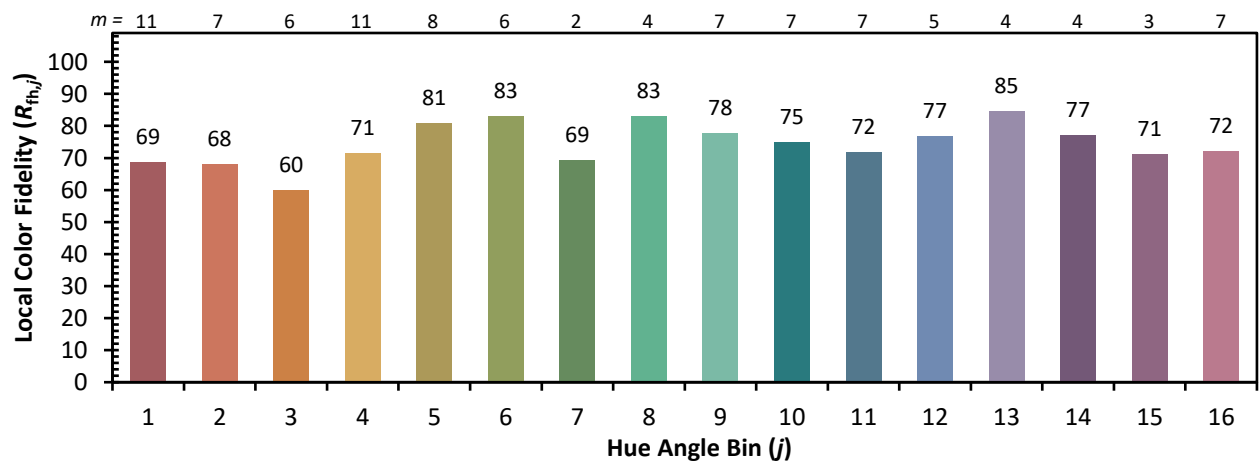
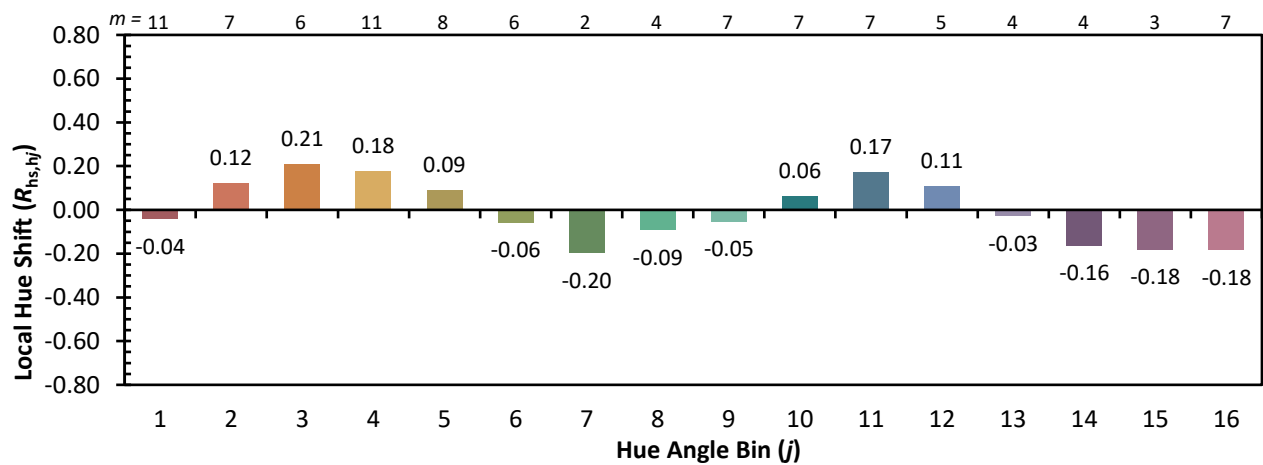
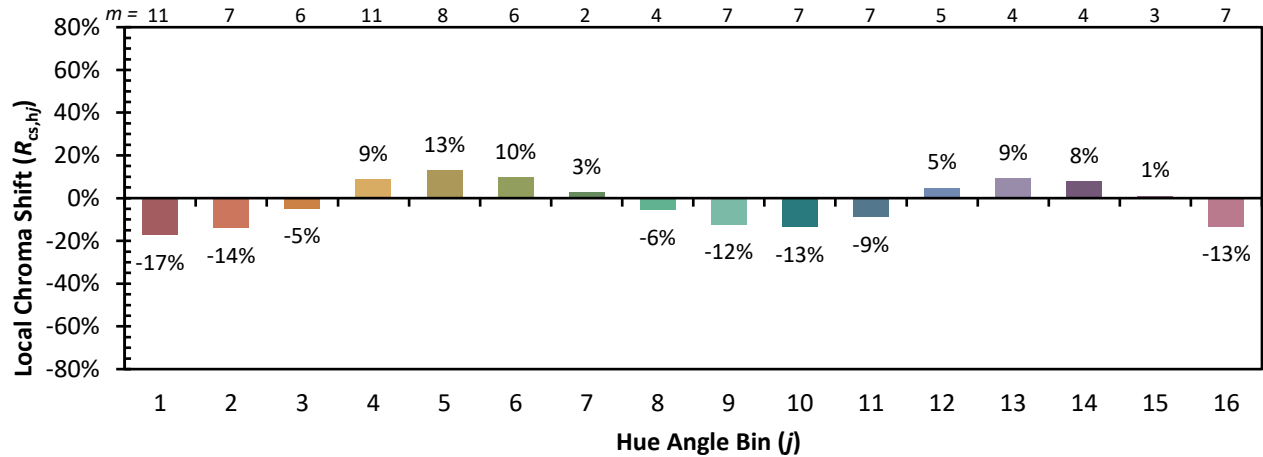


Individual Sample Fidelity Index ($R_{f,i}$)

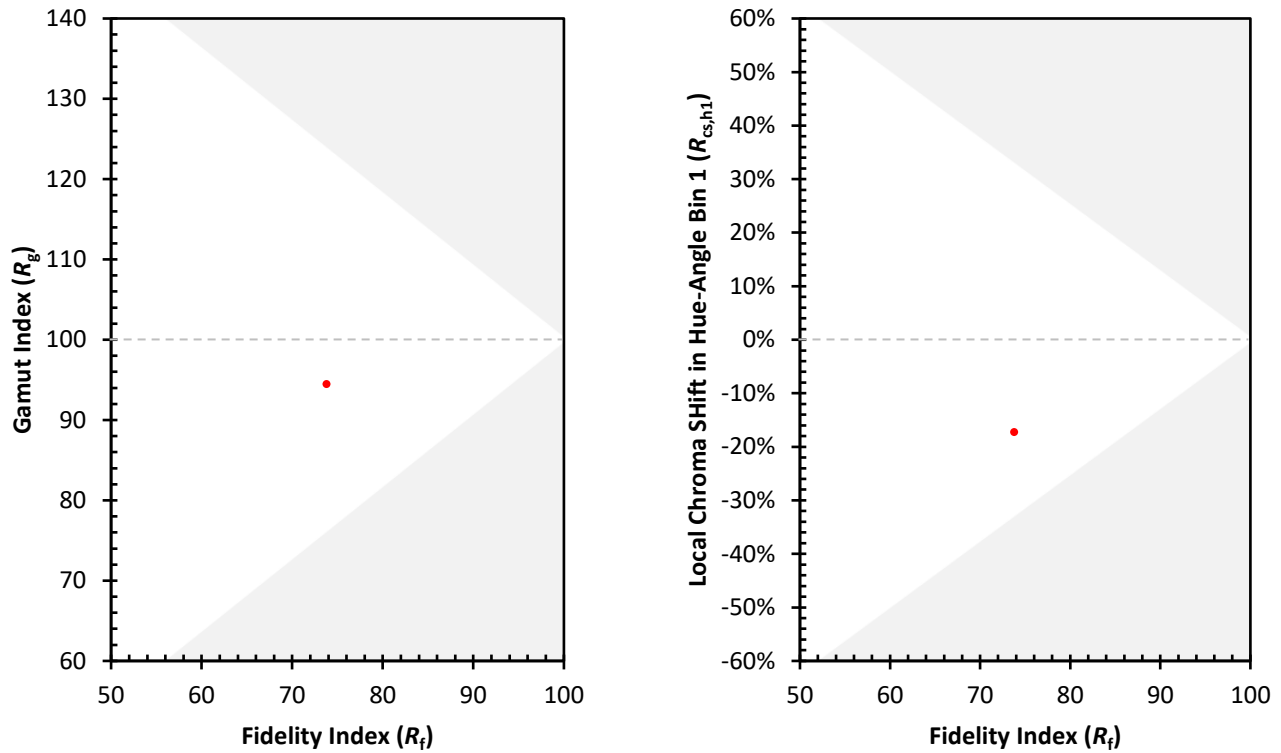
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)