

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: P1062693

Luminaire Tested: **GLAN-SA3A-722-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1062693
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA3A-722-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 3xLight Square PACKAGE
70CRI 2200K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (42) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8416.3 lumens
Efficiency: N/A
Efficacy: 103.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 81.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

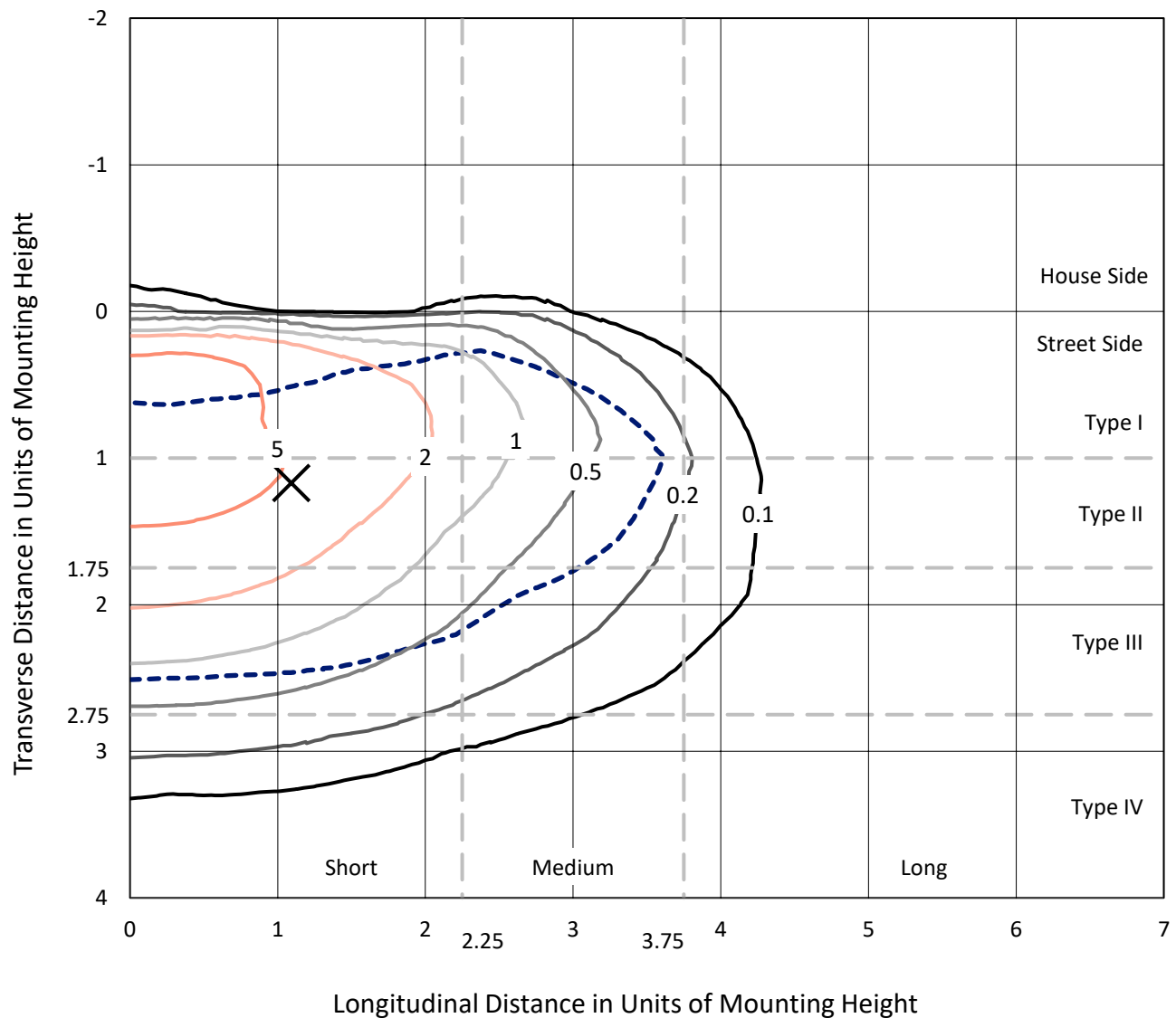


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

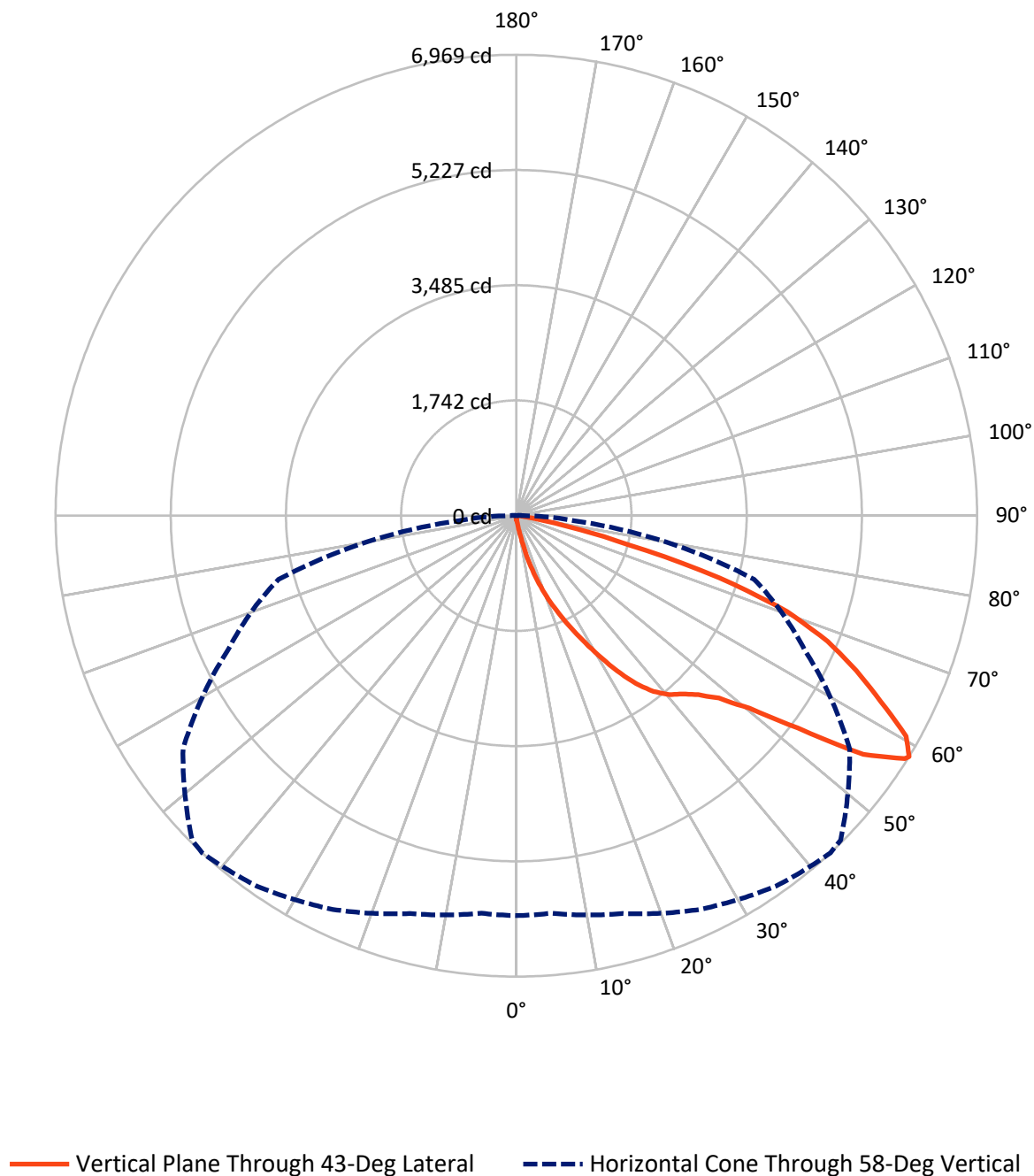


Based on 15 foot mounting height. Maximum calculated value = 9.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	30.7	0.0	30.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	8385.6	0.0	8385.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	8416.3	0.0	8416.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.1	0.1
10°-20°	96.7	1.1
20°-30°	348.7	4.1
30°-40°	797.8	9.5
40°-50°	1345.6	16.0
50°-60°	2220.6	26.4
60°-70°	2481.8	29.5
70°-80°	1024.7	12.2
80°-90°	92.4	1.1
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°	8416.3	100.0
0°-180°	8416.3	100.0



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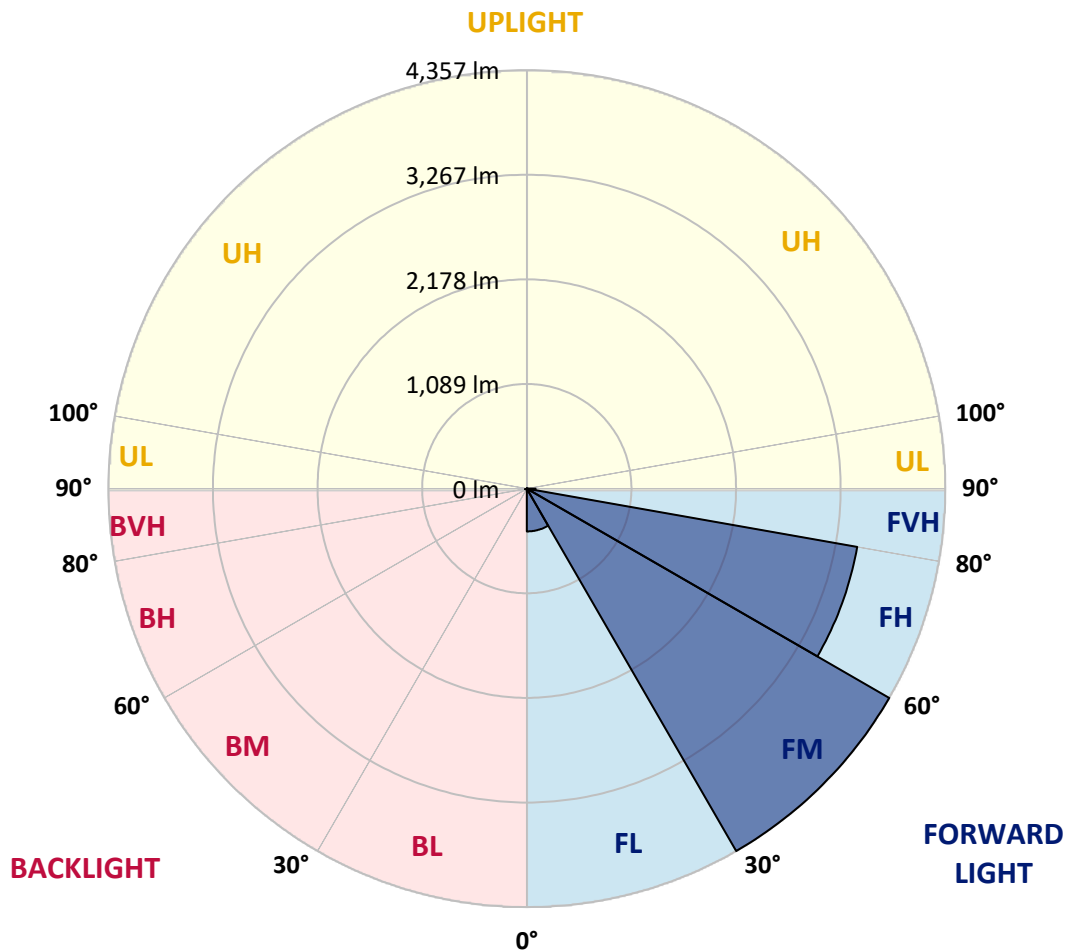
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	445.5	5.3			
FM	(30°-60°)	4356.6	51.8			
FH	(60°-80°)	3492.4	41.5			G2/5000
FVH	(80°-90°)	91.1	1.1			G1/100
BL	(0°-30°)	8.0	0.1	B0/110		
BM	(30°-60°)	7.4	0.1	B0/220		
BH	(60°-80°)	14.1	0.2	B0/110		G0/110
BVH	(80°-90°)	1.3	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
2.5°	66.0	68.2	66.0	66.0	66.0	63.8	63.8	61.6	61.6	59.4	57.2
5°	96.9	96.9	90.2	85.8	81.4	79.2	77.0	72.6	68.2	63.8	59.4
7.5°	215.7	215.7	195.9	169.5	134.3	114.5	110.1	90.2	77.0	68.2	59.4
10°	515.1	515.1	471.1	398.4	308.2	228.9	204.7	129.9	92.5	72.6	61.6
12.5°	856.3	867.3	812.2	719.8	585.5	446.8	398.4	237.7	123.3	79.2	61.6
15°	1162.2	1135.8	1120.4	1032.4	904.7	739.6	678.0	400.6	178.3	90.2	61.6
17.5°	1369.2	1369.2	1347.1	1287.7	1171.0	1025.8	975.1	647.2	288.4	103.5	63.8
20°	1611.3	1611.3	1571.7	1529.8	1426.4	1303.1	1254.7	920.1	446.8	132.1	63.8
22.5°	1904.0	1908.4	1864.4	1789.6	1690.5	1554.1	1512.2	1173.2	647.2	176.1	66.0
25°	2260.6	2265.0	2201.2	2130.8	1978.9	1831.4	1767.6	1463.8	891.5	246.5	66.0
27.5°	2654.7	2685.5	2590.8	2469.8	2309.1	2124.2	2075.7	1725.7	1133.6	347.8	70.4
30°	3145.5	3145.5	3020.1	2850.6	2676.7	2447.7	2386.1	2000.9	1391.2	482.1	74.8
32.5°	3568.2	3535.1	3374.5	3196.2	3011.3	2797.7	2731.7	2289.3	1655.3	649.4	83.6
35°	3891.7	3863.1	3665.0	3473.5	3312.8	3116.9	3037.7	2601.8	1934.9	838.7	96.9
37.5°	4169.1	4158.1	3889.5	3649.6	3543.9	3372.3	3301.8	2896.8	2210.0	1043.4	112.3
40°	4472.9	4437.6	4151.5	3854.3	3695.8	3557.2	3493.3	3134.5	2474.2	1283.3	134.3
42.5°	4732.6	4690.8	4433.2	4142.7	3871.9	3684.8	3623.2	3334.8	2731.7	1523.2	162.9
45°	5021.0	4998.9	4739.2	4519.1	4158.1	3858.7	3777.3	3495.5	2967.2	1809.4	200.3
47.5°	5454.6	5415.0	5172.8	4992.3	4574.1	4122.9	4006.2	3660.6	3194.0	2091.1	257.5
50°	5958.7	5932.3	5789.2	5646.1	5230.1	4574.1	4435.4	3898.3	3447.1	2425.7	332.4
52.5°	6370.3	6365.9	6383.5	6385.7	6070.9	5333.5	5126.6	4281.4	3737.7	2755.9	438.0
55°	6361.5	6381.3	6575.0	6797.3	6821.5	6370.3	6170.0	4926.3	4116.3	3163.1	585.5
57.5°	6123.8	6108.4	6313.1	6647.7	6883.2	6931.6	6898.6	5927.9	4686.4	3654.0	812.2
58°	6046.7	6033.5	6227.2	6568.4	6839.2	6969.0	6936.0	6154.6	4814.0	3724.4	873.9
60°	5767.2	5769.4	5883.8	6194.2	6465.0	6773.1	6803.9	6801.7	5450.2	4195.5	1184.3
62.5°	5397.4	5379.8	5485.4	5738.6	5976.3	6183.2	6236.0	6845.8	6381.3	4794.2	1776.4
65°	4886.7	4860.3	4972.5	5258.7	5514.0	5648.3	5650.5	6255.8	6819.3	5437.0	2621.6
67.5°	3938.0	3916.0	4140.5	4508.1	4902.1	5078.2	5157.4	5428.2	6449.5	5872.8	3105.9
70°	2412.5	2458.8	2771.3	3348.0	4021.6	4345.2	4464.1	4547.7	5492.0	5806.8	2597.4
72.5°	1113.8	1058.8	1325.1	1727.9	2496.2	3216.0	3339.2	3667.2	4354.0	5040.8	1937.1
75°	519.5	499.7	561.3	755.0	1131.4	1736.8	1961.3	2927.6	3339.2	3506.5	1397.8
77.5°	266.3	268.5	319.2	343.4	466.7	803.4	922.3	1926.1	2447.7	1956.9	937.7
80°	116.7	121.1	123.3	134.3	189.3	310.4	350.0	893.7	1672.9	997.1	512.9
82.5°	74.8	77.0	77.0	77.0	90.2	123.3	140.9	358.8	834.3	495.3	158.5
85°	39.6	39.6	44.0	55.0	63.8	74.8	79.2	114.5	275.2	147.5	37.4
87.5°	22.0	24.2	26.4	33.0	41.8	50.6	55.0	79.2	105.7	101.3	8.8
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°	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
2.5°	57.2	55.0	52.8	50.6	48.4	46.2	46.2	46.2	46.2	46.2	46.2
5°	55.0	52.8	50.6	46.2	41.8	39.6	37.4	35.2	35.2	35.2	35.2
7.5°	55.0	52.8	46.2	41.8	37.4	33.0	28.6	28.6	28.6	28.6	28.6
10°	55.0	50.6	44.0	37.4	30.8	26.4	24.2	22.0	22.0	22.0	22.0
12.5°	55.0	48.4	41.8	33.0	26.4	22.0	19.8	17.6	17.6	17.6	17.6
15°	55.0	48.4	39.6	30.8	24.2	17.6	15.4	13.2	13.2	13.2	13.2
17.5°	52.8	46.2	37.4	26.4	19.8	13.2	11.0	8.8	8.8	11.0	11.0
20°	50.6	44.0	33.0	22.0	15.4	11.0	6.6	6.6	6.6	6.6	6.6
22.5°	50.6	44.0	30.8	19.8	13.2	6.6	4.4	4.4	4.4	4.4	6.6
25°	50.6	41.8	26.4	15.4	8.8	4.4	2.2	2.2	2.2	2.2	2.2
27.5°	50.6	41.8	24.2	13.2	6.6	4.4	2.2	0.0	0.0	0.0	0.0
30°	48.4	39.6	22.0	11.0	4.4	2.2	0.0	0.0	0.0	0.0	0.0
32.5°	48.4	37.4	17.6	8.8	4.4	2.2	0.0	0.0	0.0	0.0	0.0
35°	50.6	35.2	15.4	6.6	2.2	0.0	0.0	0.0	0.0	0.0	2.2
37.5°	52.8	33.0	13.2	4.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0
40°	55.0	30.8	13.2	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	59.4	30.8	11.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	63.8	30.8	8.8	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	72.6	33.0	8.8	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	79.2	35.2	6.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	88.0	33.0	6.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	99.1	33.0	6.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	107.9	30.8	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	112.3	28.6	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	134.3	26.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	209.1	22.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	424.8	19.8	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	792.4	17.6	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	887.1	19.8	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	559.1	15.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	295.0	15.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	147.5	15.4	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	68.2	11.0	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	28.6	6.6	4.4	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0
85°	13.2	6.6	4.4	4.4	2.2	2.2	0.0	0.0	0.0	0.0	0.0
87.5°	6.6	6.6	6.6	4.4	4.4	2.2	2.2	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: SP1-2407-184-2

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-722-U-5WQ

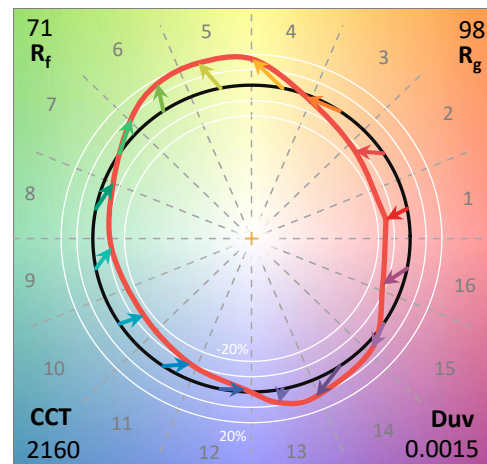
Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-2
 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-722-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 2200K CCT 26 LEDS

Spectral Parameters

CCT (K):	2160	CRI (Ra):	71.9		
CIE u':	0.2927	R1:	68.7	R9:	-17.8
CIE v':	0.5388	R2:	82.6	R10:	60.5
Duv:	0.0015	R3:	95.5	R11:	60.2
CIE x:	0.5130	R4:	66.4	R12:	48.2
CIE y:	0.4197	R5:	65.4	R13:	70.7
CIE z:	0.0674	R6:	75.9	R14:	96.8
Peak Wavelength (nm):	609	R7:	77.2	R15:	61.8
Dominant Wavelength (nm):	587	R8:	43.5		
Purity:	79.96089				
Rf:	70.6				
Rg:	97.6				



Test Conditions

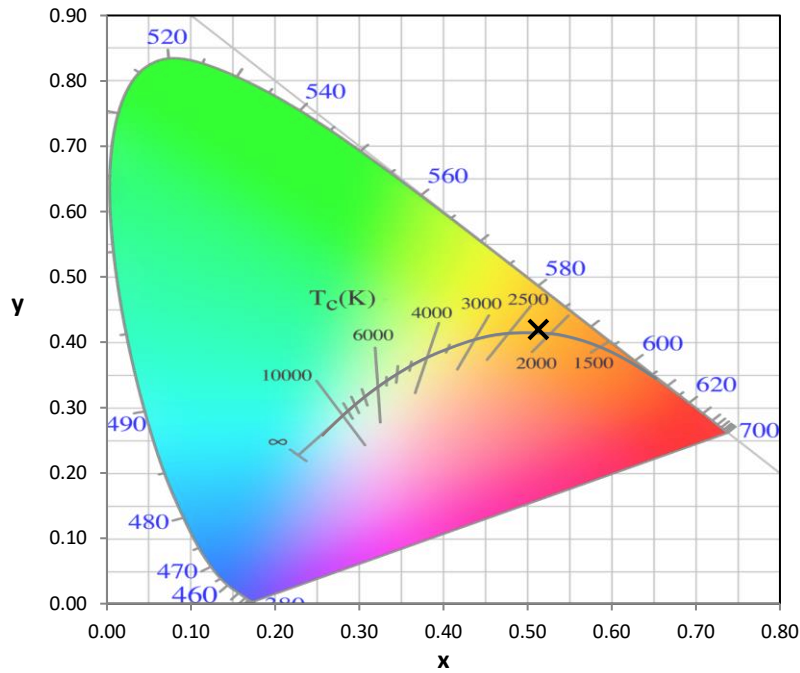
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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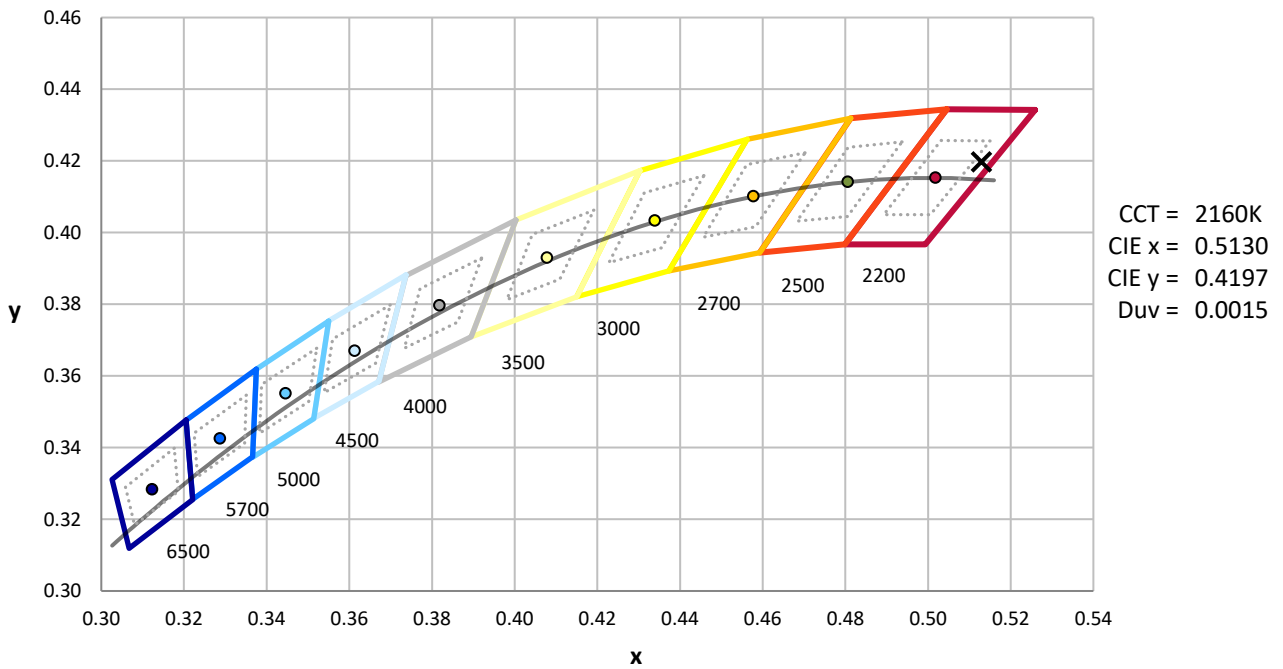
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



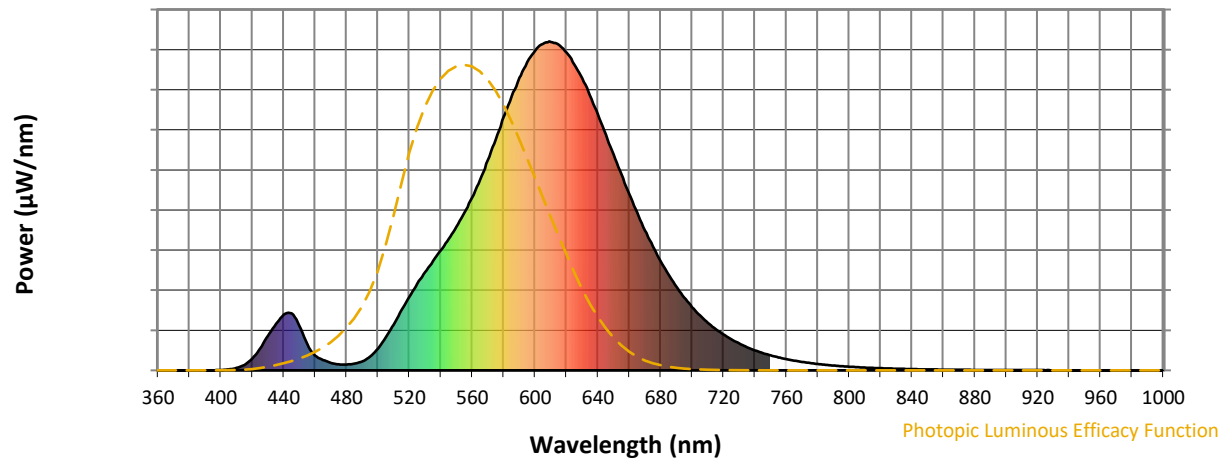
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2200K 7-step quadrangle

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Photopic Flux vs. Wavelength

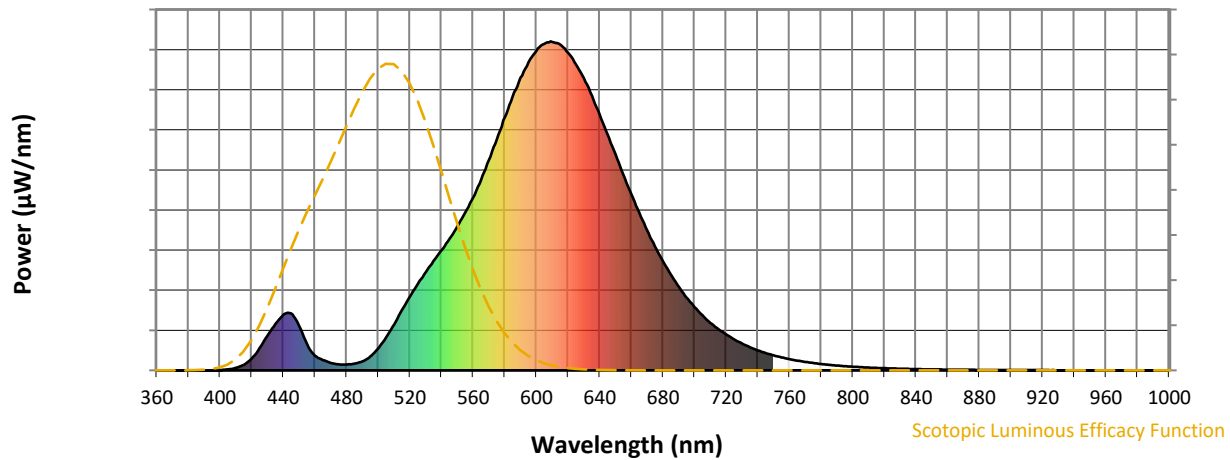


Photopic Lumens: NR

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



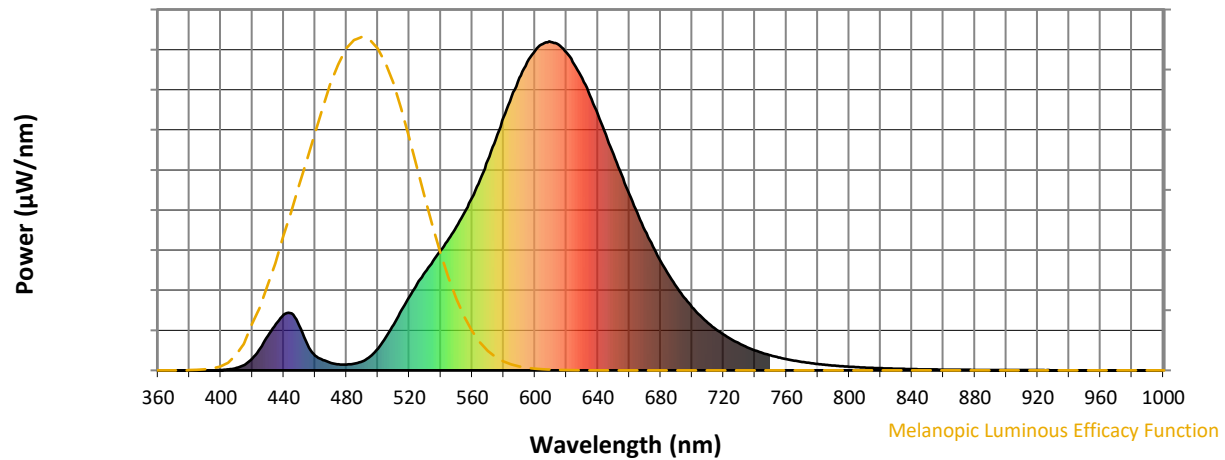
Scotopic Lumens: NR

S/P: 0.8

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.21

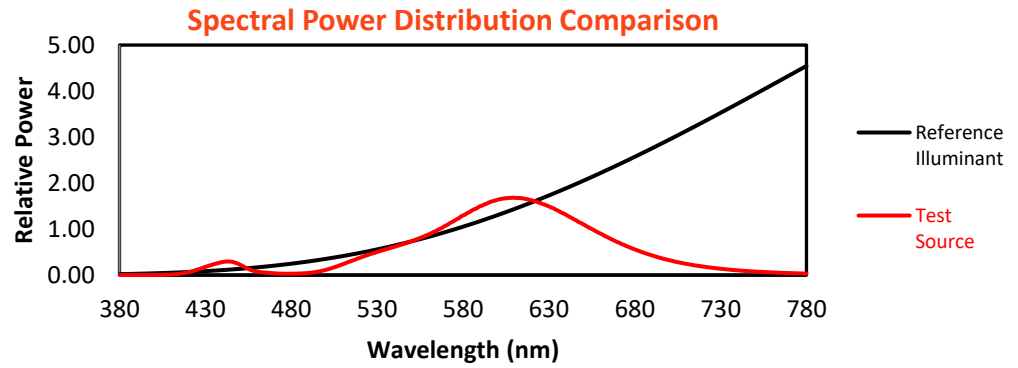
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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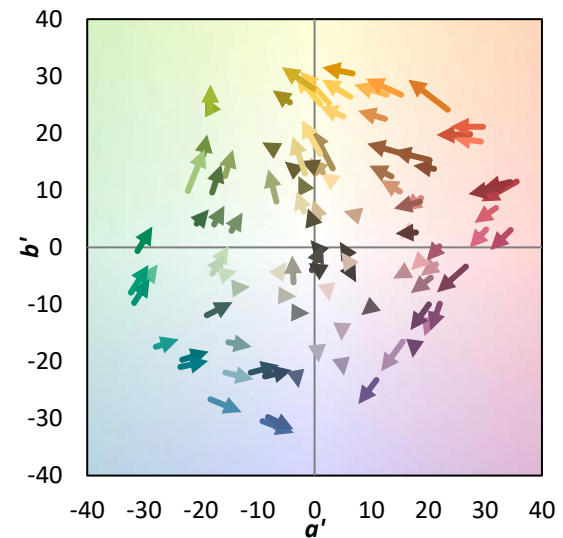
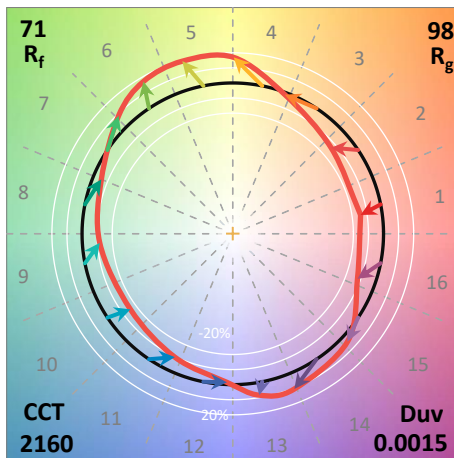
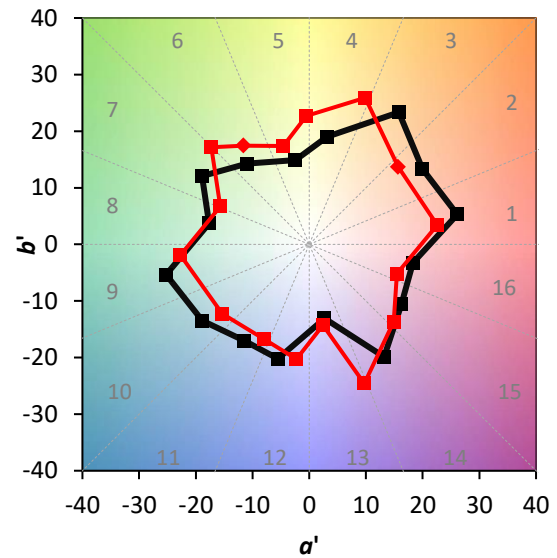
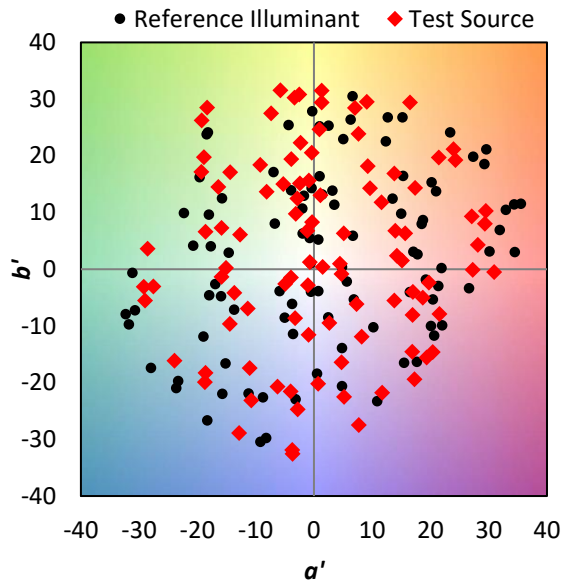
TM-30-18

Summary

$R_f = 70.6$
 $R_g = 97.6$
 $CIE R_a = 71.9$
 $R_g = -17.8$

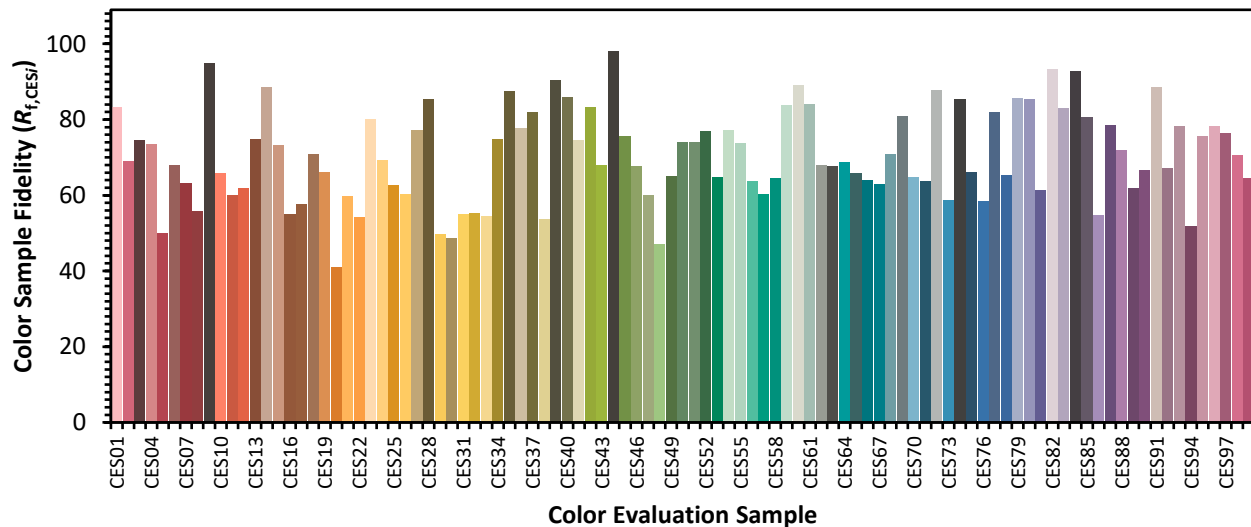


Color Vector Graphics

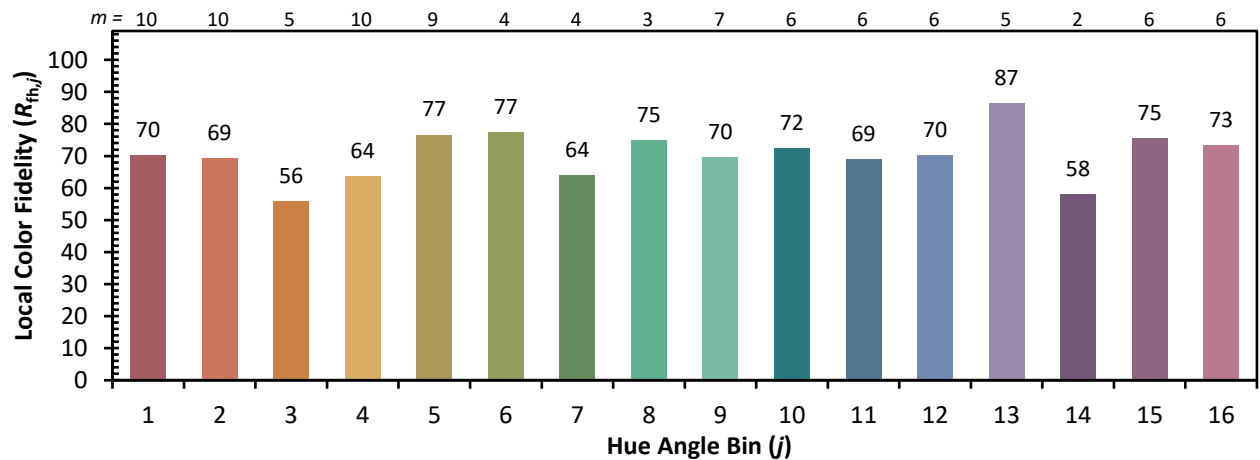
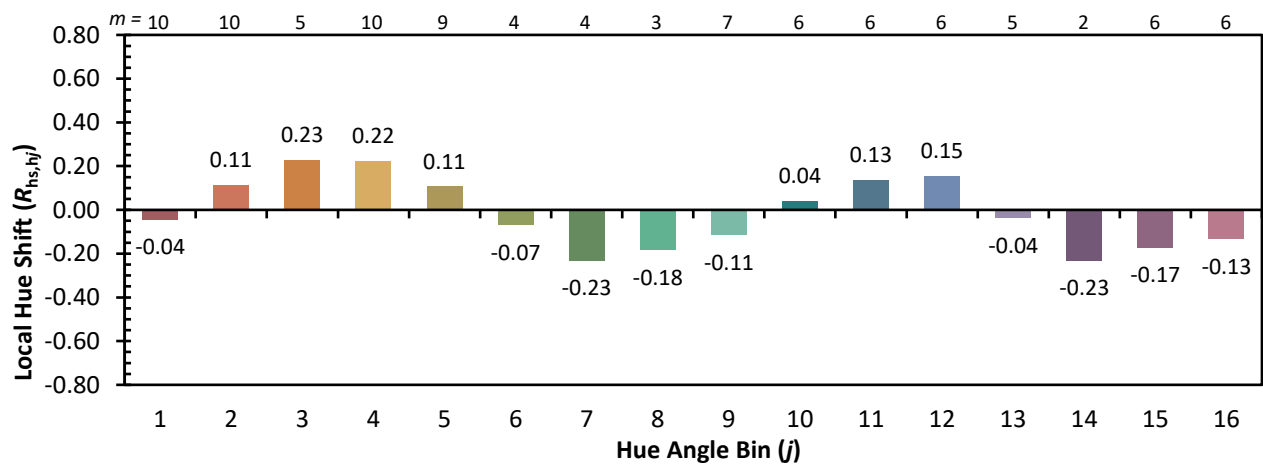
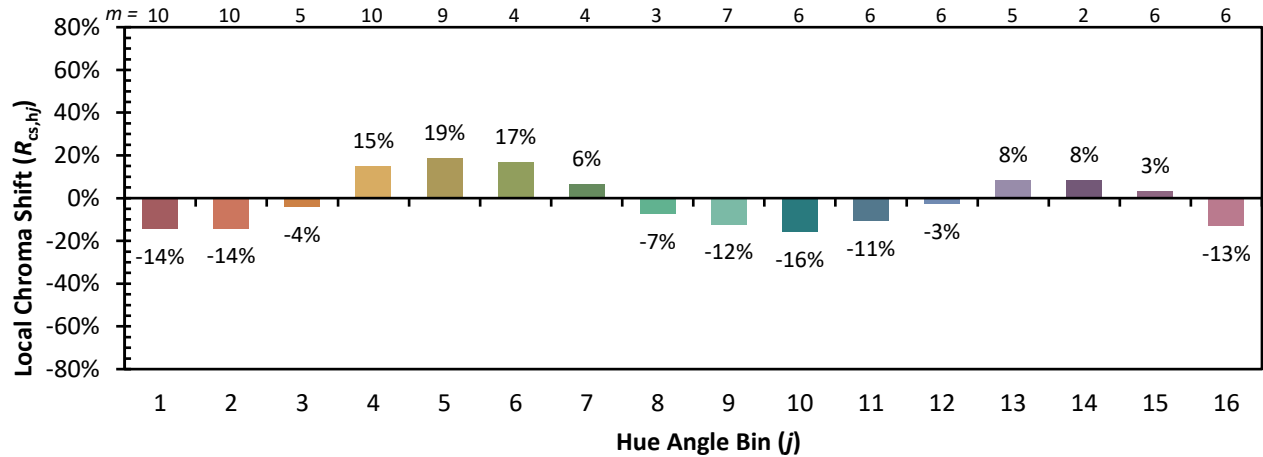


Individual Sample Fidelity Index ($R_{f,i}$)

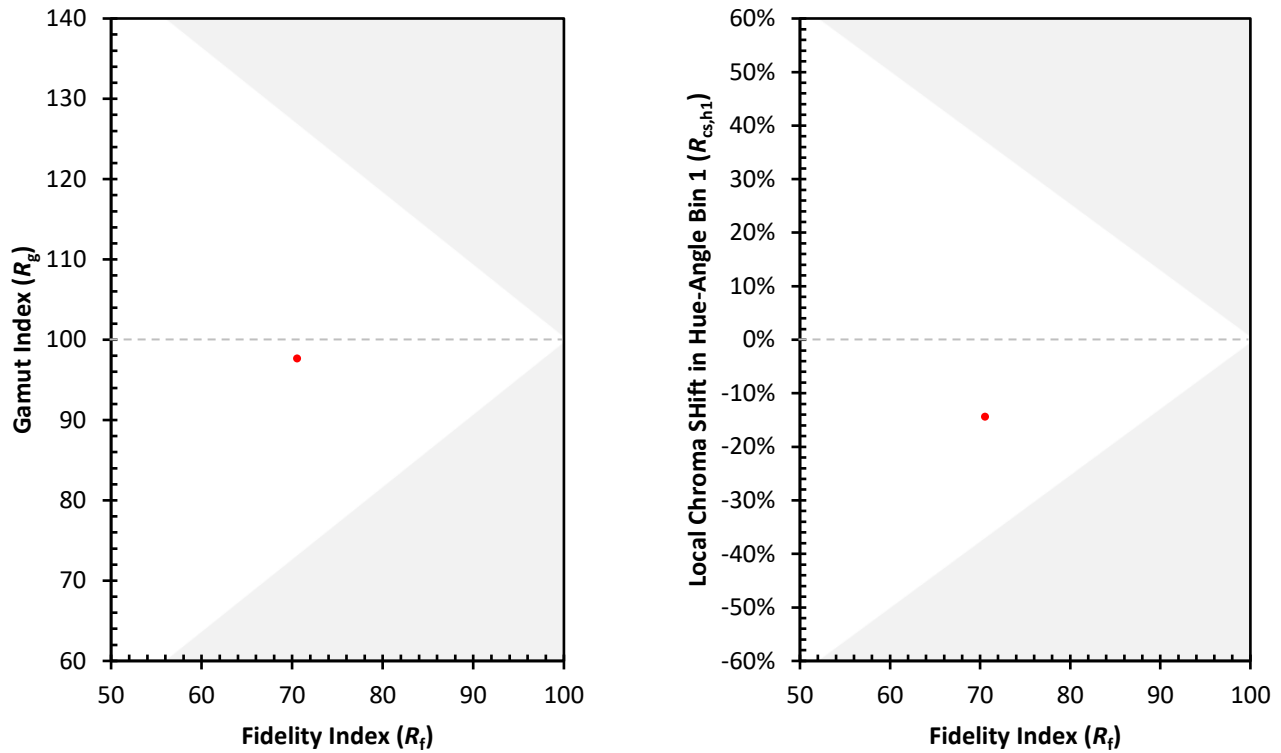
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 93
CES08 = 43	CES33 = 55	CES58 = 64	CES83 = 83
CES09 = 29	CES34 = 75	CES59 = 84	CES84 = 93
CES10 = 79	CES35 = 88	CES60 = 89	CES85 = 81
CES11 = 62	CES36 = 78	CES61 = 84	CES86 = 55
CES12 = 68	CES37 = 82	CES62 = 68	CES87 = 79
CES13 = 45	CES38 = 54	CES63 = 68	CES88 = 72
CES14 = 75	CES39 = 90	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 86	CES65 = 66	CES90 = 67
CES16 = 49	CES41 = 75	CES66 = 64	CES91 = 89
CES17 = 51	CES42 = 83	CES67 = 63	CES92 = 67
CES18 = 57	CES43 = 68	CES68 = 71	CES93 = 78
CES19 = 74	CES44 = 98	CES69 = 81	CES94 = 52
CES20 = 68	CES45 = 76	CES70 = 65	CES95 = 76
CES21 = 89	CES46 = 68	CES71 = 64	CES96 = 78
CES22 = 81	CES47 = 60	CES72 = 88	CES97 = 76
CES23 = 92	CES48 = 47	CES73 = 59	CES98 = 71
CES24 = 92	CES49 = 65	CES74 = 85	CES99 = 65
CES25 = 74	CES50 = 74	CES75 = 66	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)