

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: P1062698

Luminaire Tested: **GLAN-SA4B-722-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1062698
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA4B-722-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 4xLight Square PACKAGE
70CRI 2200K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (56) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13819.9 lumens
Efficiency: N/A
Efficacy: 95.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 144.1
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

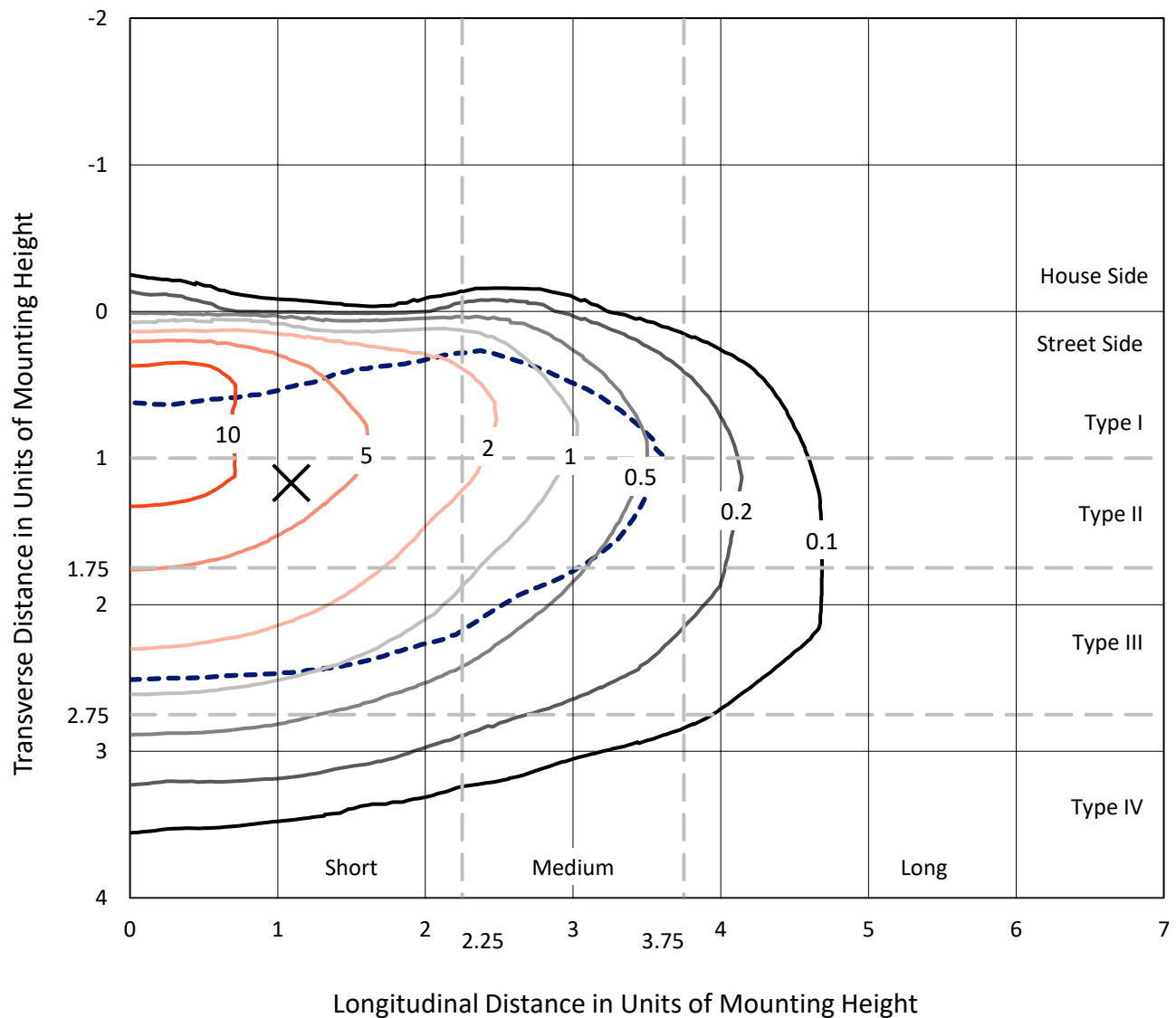


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

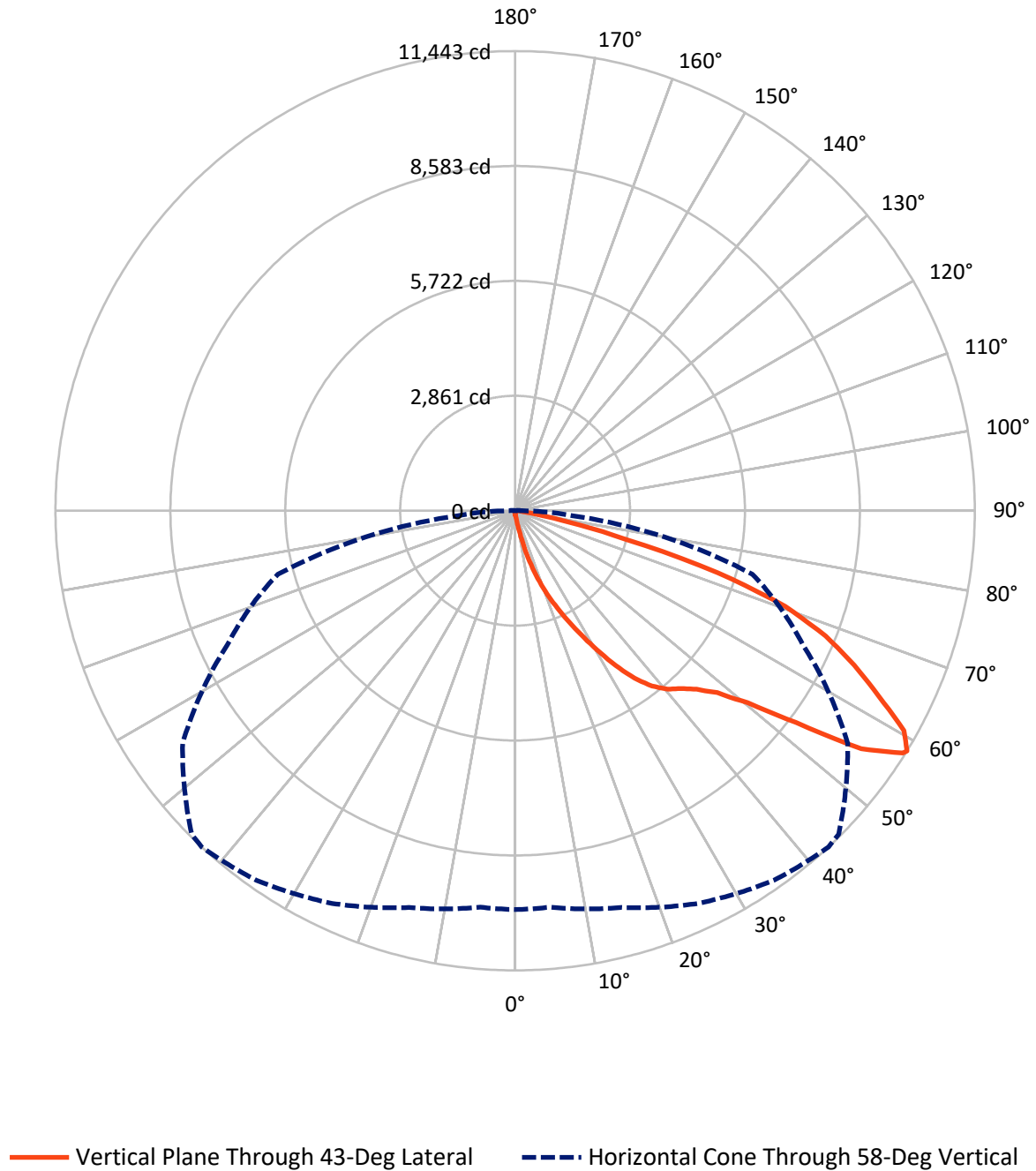


Based on 15 foot mounting height. Maximum calculated value = 15.5 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	50.4	0.0	50.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	13769.4	0.0	13769.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	13819.9	0.0	13819.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.2	0.1
10°-20°	158.9	1.1
20°-30°	572.6	4.1
30°-40°	1310.0	9.5
40°-50°	2209.5	16.0
50°-60°	3646.2	26.4
60°-70°	4075.2	29.5
70°-80°	1682.6	12.2
80°-90°	151.7	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°	13819.9	100.0
0°-180°	13819.9	100.0



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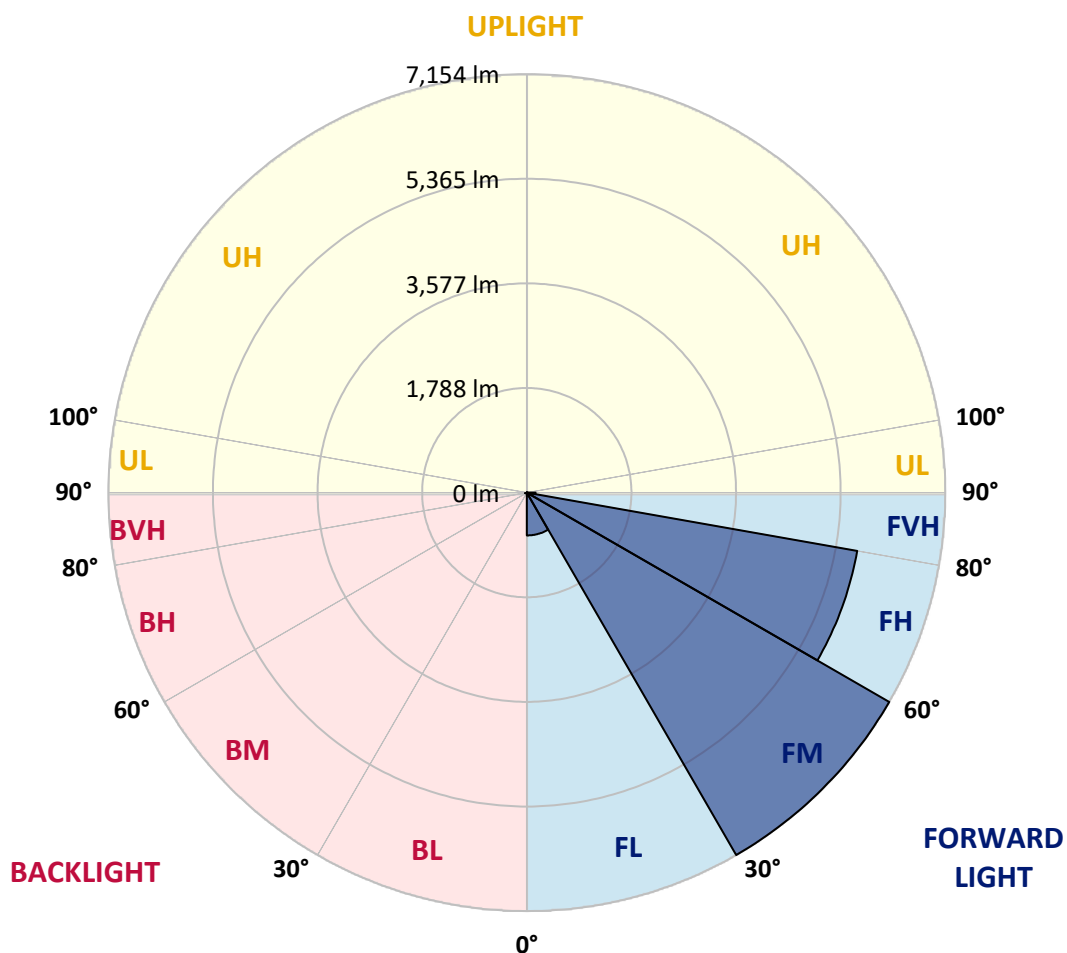
CATALOG NUMBER: GLAN-SA4B-722-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	731.5	5.3			
FM	(30°-60°)	7153.7	51.8			
FH	(60°-80°)	5734.6	41.5			G3/7500
FVH	(80°-90°)	149.6	1.1			G2/225
BL	(0°-30°)	13.2	0.1	B0/110		
BM	(30°-60°)	12.1	0.1	B0/220		
BH	(60°-80°)	23.1	0.2	B0/110		G0/110
BVH	(80°-90°)	2.1	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-G3

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
2.5°	108.4	112.0	108.4	108.4	108.4	104.8	104.8	101.2	101.2	97.6	94.0
5°	159.0	159.0	148.2	141.0	133.7	130.1	126.5	119.3	112.0	104.8	97.6
7.5°	354.2	354.2	321.7	278.3	220.5	188.0	180.7	148.2	126.5	112.0	97.6
10°	845.8	845.8	773.5	654.2	506.0	375.9	336.1	213.3	151.8	119.3	101.2
12.5°	1406.0	1424.1	1333.7	1181.9	961.4	733.7	654.2	390.4	202.4	130.1	101.2
15°	1908.4	1865.1	1839.8	1695.2	1485.5	1214.5	1113.3	657.8	292.8	148.2	101.2
17.5°	2248.2	2248.2	2212.1	2114.5	1922.9	1684.3	1601.2	1062.7	473.5	169.9	104.8
20°	2645.8	2645.8	2580.7	2512.1	2342.2	2139.8	2060.2	1510.8	733.7	216.9	104.8
22.5°	3126.5	3133.7	3061.5	2938.6	2775.9	2551.8	2483.1	1926.5	1062.7	289.2	108.4
25°	3712.1	3719.3	3614.5	3498.8	3249.4	3007.2	2902.4	2403.6	1463.9	404.8	108.4
27.5°	4359.1	4409.7	4254.2	4055.4	3791.6	3488.0	3408.4	2833.7	1861.5	571.1	115.7
30°	5165.1	5165.1	4959.1	4680.7	4395.2	4019.3	3918.1	3285.6	2284.3	791.6	122.9
32.5°	5859.1	5804.8	5541.0	5248.2	4944.6	4594.0	4485.6	3759.0	2718.1	1066.3	137.3
35°	6390.4	6343.4	6018.1	5703.6	5439.8	5118.1	4988.0	4272.3	3177.1	1377.1	159.0
37.5°	6845.8	6827.7	6386.8	5992.8	5819.3	5537.4	5421.7	4756.6	3628.9	1713.3	184.3
40°	7344.6	7286.8	6816.9	6328.9	6068.7	5841.0	5736.2	5147.0	4062.7	2107.2	220.5
42.5°	7771.1	7702.4	7279.5	6802.4	6357.9	6050.6	5949.4	5475.9	4485.6	2501.2	267.5
45°	8244.6	8208.5	7782.0	7420.5	6827.7	6336.2	6202.4	5739.8	4872.3	2971.1	328.9
47.5°	8956.7	8891.6	8494.0	8197.6	7510.9	6769.9	6578.3	6010.9	5244.6	3433.7	422.9
50°	9784.4	9741.0	9506.1	9271.1	8588.0	7510.9	7283.2	6401.2	5660.3	3983.1	545.8
52.5°	10460.3	10453.0	10482.0	10485.6	9968.7	8757.9	8418.1	7030.1	6137.4	4525.3	719.3
55°	10445.8	10478.3	10796.4	11161.5	11201.2	10460.3	10131.4	8089.2	6759.1	5194.0	961.4
57.5°	10055.5	10030.2	10366.3	10915.7	11302.4	11382.0	11327.7	9733.8	7695.2	6000.0	1333.7
58°	9928.9	9907.3	10225.3	10785.6	11230.2	11443.4	11389.2	10106.1	7904.8	6115.7	1434.9
60°	9469.9	9473.5	9661.5	10171.1	10615.7	11121.7	11172.3	11168.7	8949.4	6889.2	1944.6
62.5°	8862.7	8833.8	9007.3	9422.9	9813.3	10153.0	10239.8	11241.0	10478.3	7872.3	2916.9
65°	8024.1	7980.7	8165.1	8635.0	9054.2	9274.7	9278.3	10272.3	11197.6	8927.7	4304.8
67.5°	6466.3	6430.1	6798.8	7402.4	8049.4	8338.6	8468.7	8913.3	10590.4	9643.4	5100.0
70°	3961.5	4037.4	4550.6	5497.6	6603.6	7135.0	7330.1	7467.5	9018.1	9535.0	4265.1
72.5°	1828.9	1738.6	2175.9	2837.4	4098.8	5280.7	5483.2	6021.7	7149.4	8277.1	3180.7
75°	853.0	820.5	921.7	1239.8	1857.8	2851.8	3220.5	4807.2	5483.2	5757.8	2295.2
77.5°	437.4	441.0	524.1	563.9	766.3	1319.3	1514.5	3162.7	4019.3	3213.3	1539.8
80°	191.6	198.8	202.4	220.5	310.8	509.6	574.7	1467.5	2747.0	1637.4	842.2
82.5°	122.9	126.5	126.5	126.5	148.2	202.4	231.3	589.2	1369.9	813.3	260.2
85°	65.1	65.1	72.3	90.4	104.8	122.9	130.1	188.0	451.8	242.2	61.4
87.5°	36.1	39.8	43.4	54.2	68.7	83.1	90.4	130.1	173.5	166.3	14.5
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°	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
2.5°	94.0	90.4	86.7	83.1	79.5	75.9	75.9	75.9	75.9	75.9	75.9
5°	90.4	86.7	83.1	75.9	68.7	65.1	61.4	57.8	57.8	57.8	57.8
7.5°	90.4	86.7	75.9	68.7	61.4	54.2	47.0	47.0	47.0	47.0	47.0
10°	90.4	83.1	72.3	61.4	50.6	43.4	39.8	36.1	36.1	36.1	36.1
12.5°	90.4	79.5	68.7	54.2	43.4	36.1	32.5	28.9	28.9	28.9	28.9
15°	90.4	79.5	65.1	50.6	39.8	28.9	25.3	21.7	21.7	21.7	21.7
17.5°	86.7	75.9	61.4	43.4	32.5	21.7	18.1	14.5	14.5	18.1	18.1
20°	83.1	72.3	54.2	36.1	25.3	18.1	10.8	10.8	10.8	10.8	10.8
22.5°	83.1	72.3	50.6	32.5	21.7	10.8	7.2	7.2	7.2	7.2	10.8
25°	83.1	68.7	43.4	25.3	14.5	7.2	3.6	3.6	3.6	3.6	3.6
27.5°	83.1	68.7	39.8	21.7	10.8	7.2	3.6	0.0	0.0	0.0	0.0
30°	79.5	65.1	36.1	18.1	7.2	3.6	0.0	0.0	0.0	0.0	0.0
32.5°	79.5	61.4	28.9	14.5	7.2	3.6	0.0	0.0	0.0	0.0	0.0
35°	83.1	57.8	25.3	10.8	3.6	0.0	0.0	0.0	0.0	0.0	3.6
37.5°	86.7	54.2	21.7	7.2	3.6	0.0	0.0	0.0	0.0	0.0	0.0
40°	90.4	50.6	21.7	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	97.6	50.6	18.1	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	104.8	50.6	14.5	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	119.3	54.2	14.5	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	130.1	57.8	10.8	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	144.6	54.2	10.8	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	162.7	54.2	10.8	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	177.1	50.6	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	184.3	47.0	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	220.5	43.4	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	343.4	36.1	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	697.6	32.5	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1301.2	28.9	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1456.6	32.5	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	918.1	25.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	484.3	25.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	242.2	25.3	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	112.0	18.1	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	47.0	10.8	7.2	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0
85°	21.7	10.8	7.2	7.2	3.6	3.6	0.0	0.0	0.0	0.0	0.0
87.5°	10.8	10.8	10.8	7.2	7.2	3.6	3.6	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

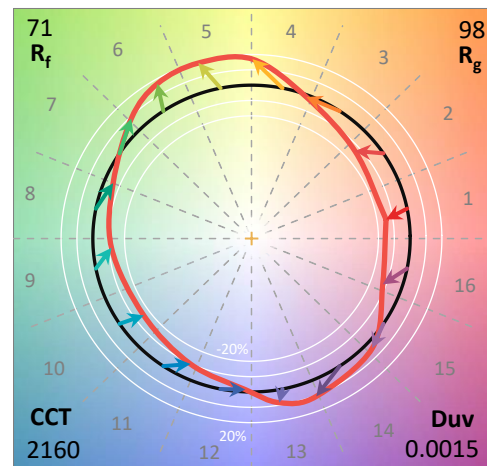
Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

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

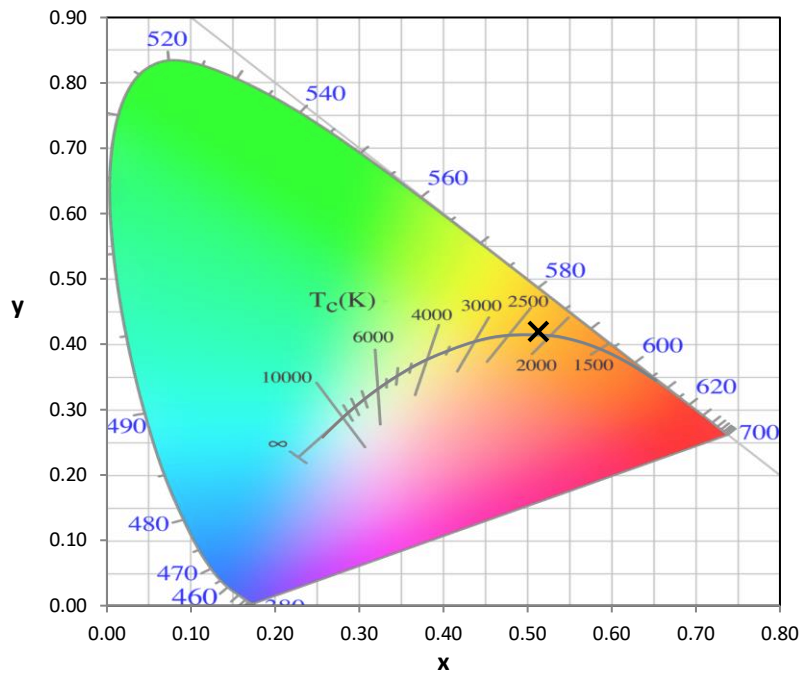
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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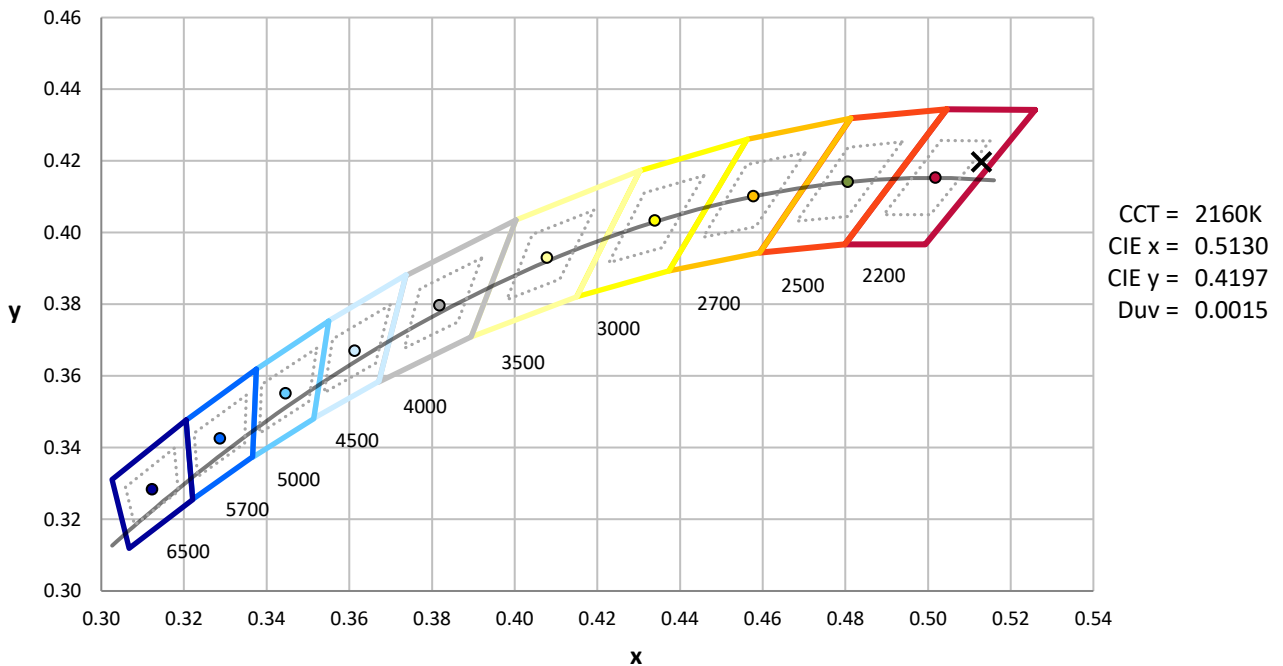
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



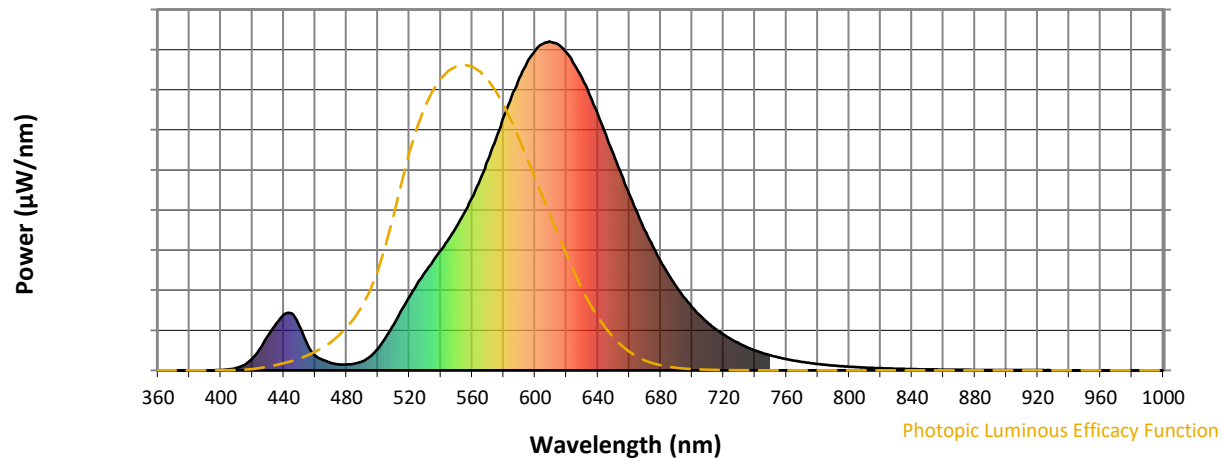
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2200K 7-step quadrangle

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Photopic Flux vs. Wavelength

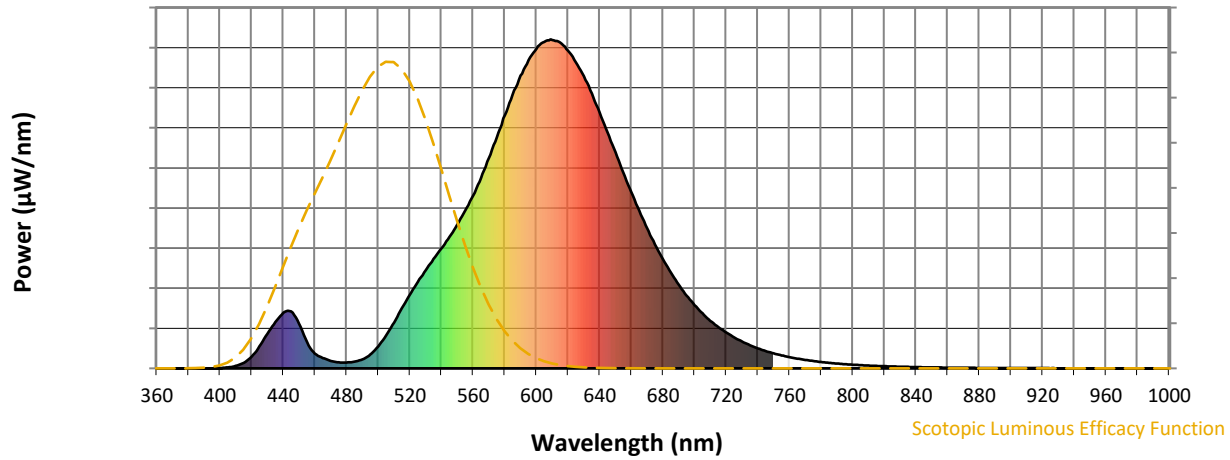


Photopic Lumens: NR

λ (nm)	Power 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	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



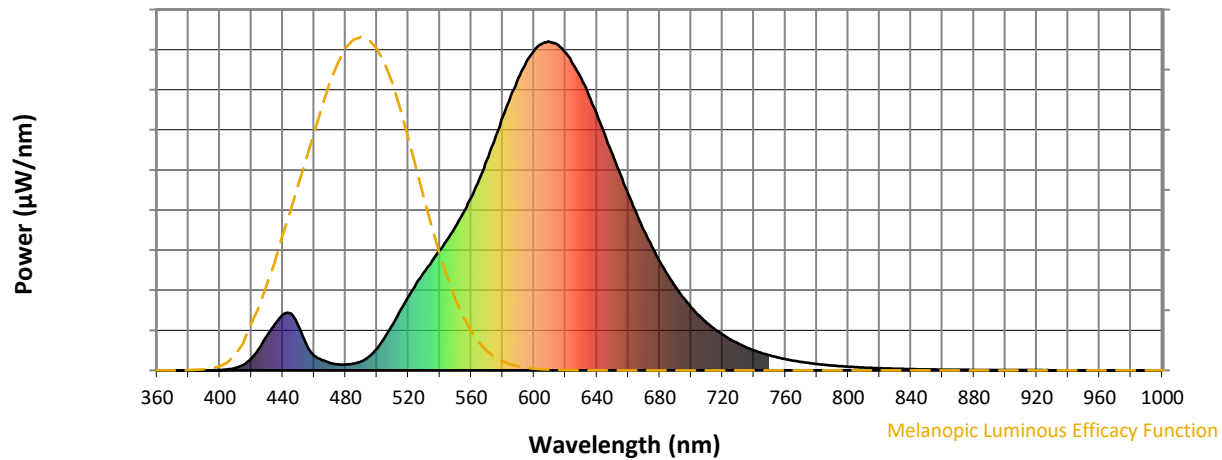
Scotopic Lumens: NR

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

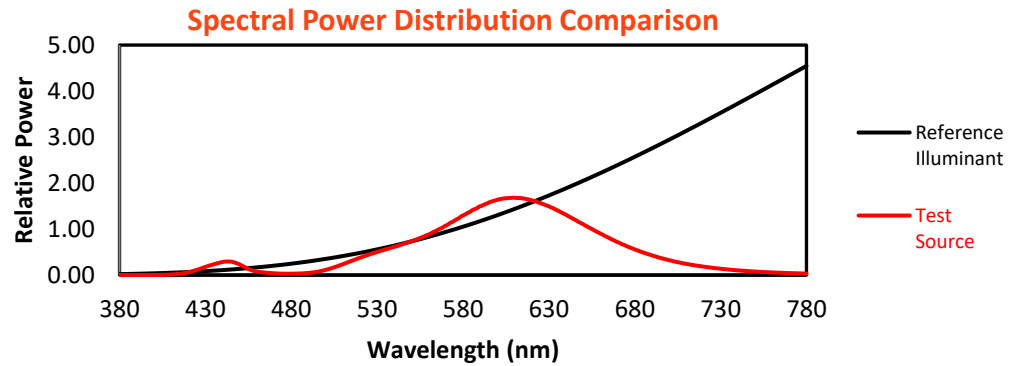
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	27	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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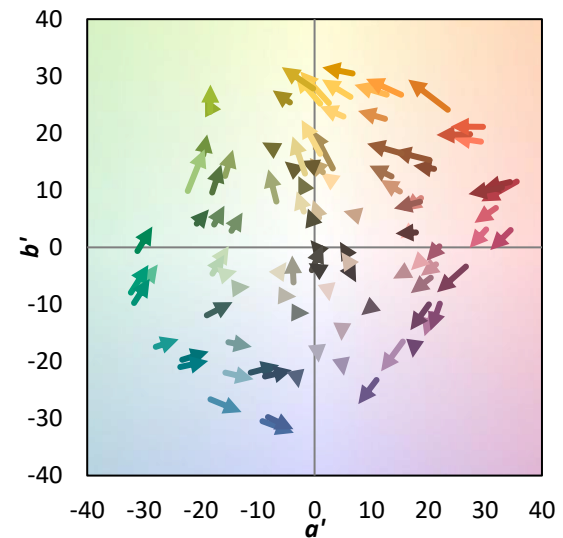
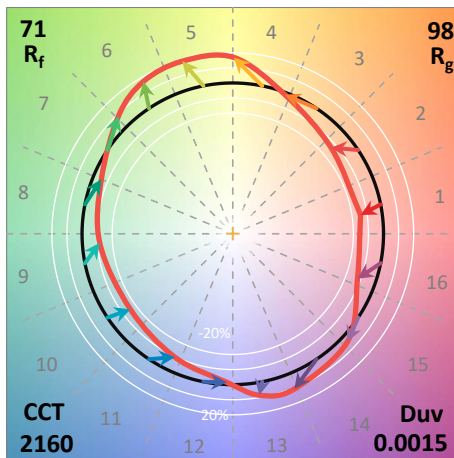
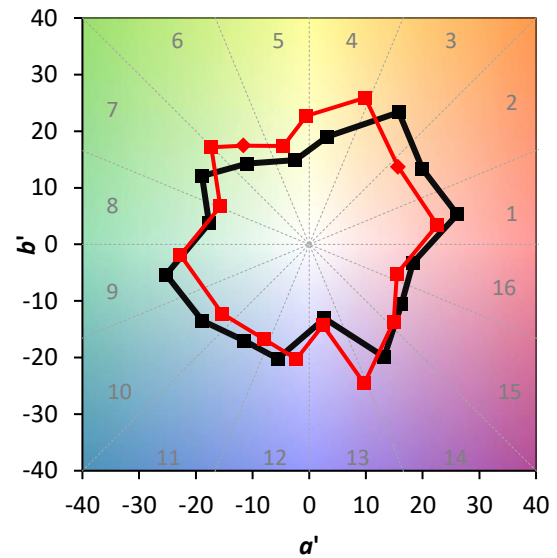
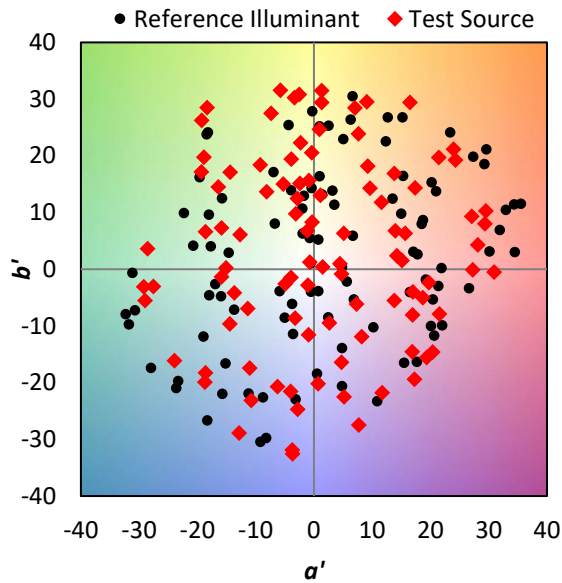
TM-30-18

Summary

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

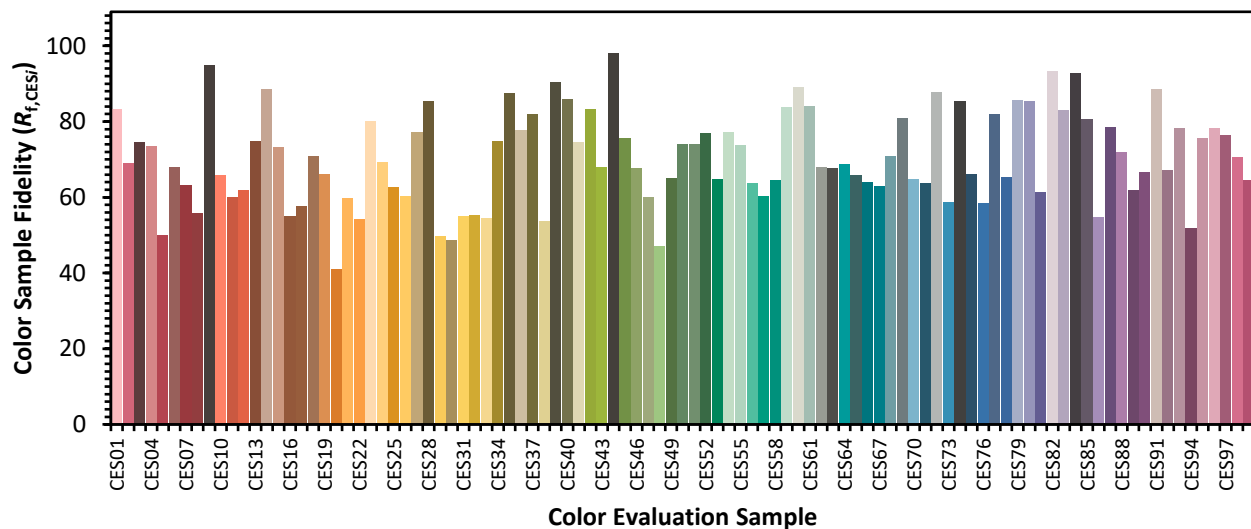


Color Vector Graphics

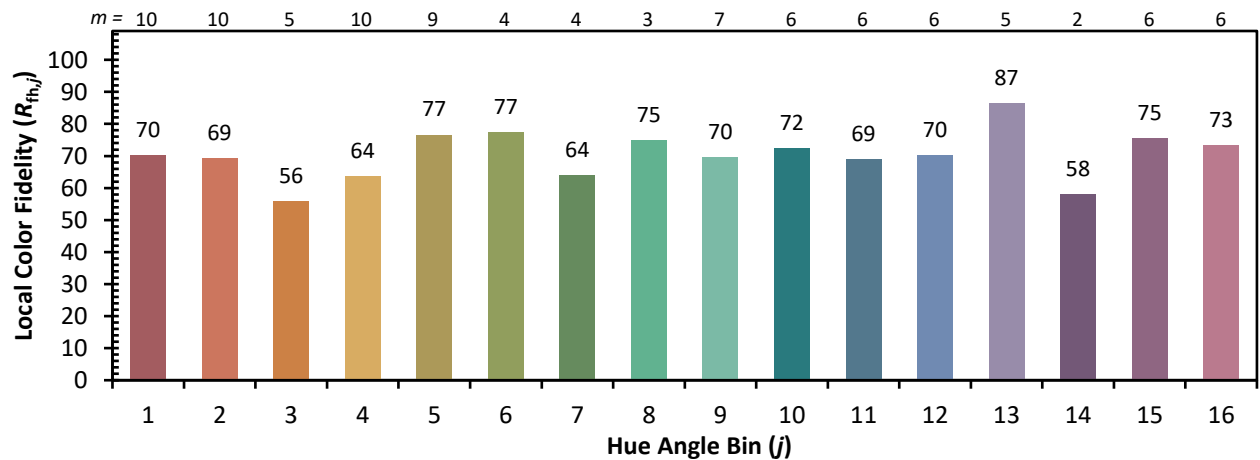
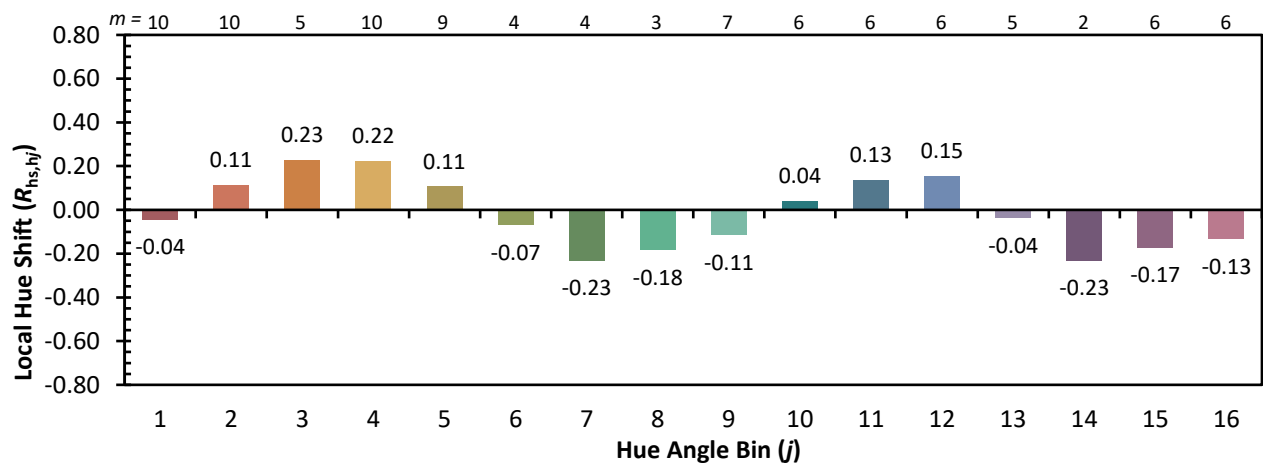
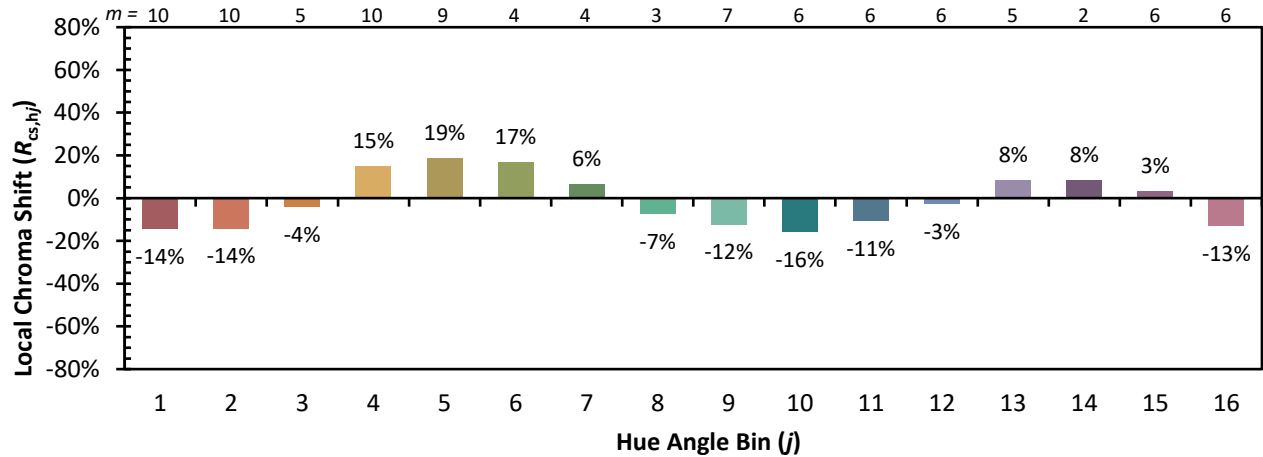


Individual Sample Fidelity Index ($R_{f,i}$)

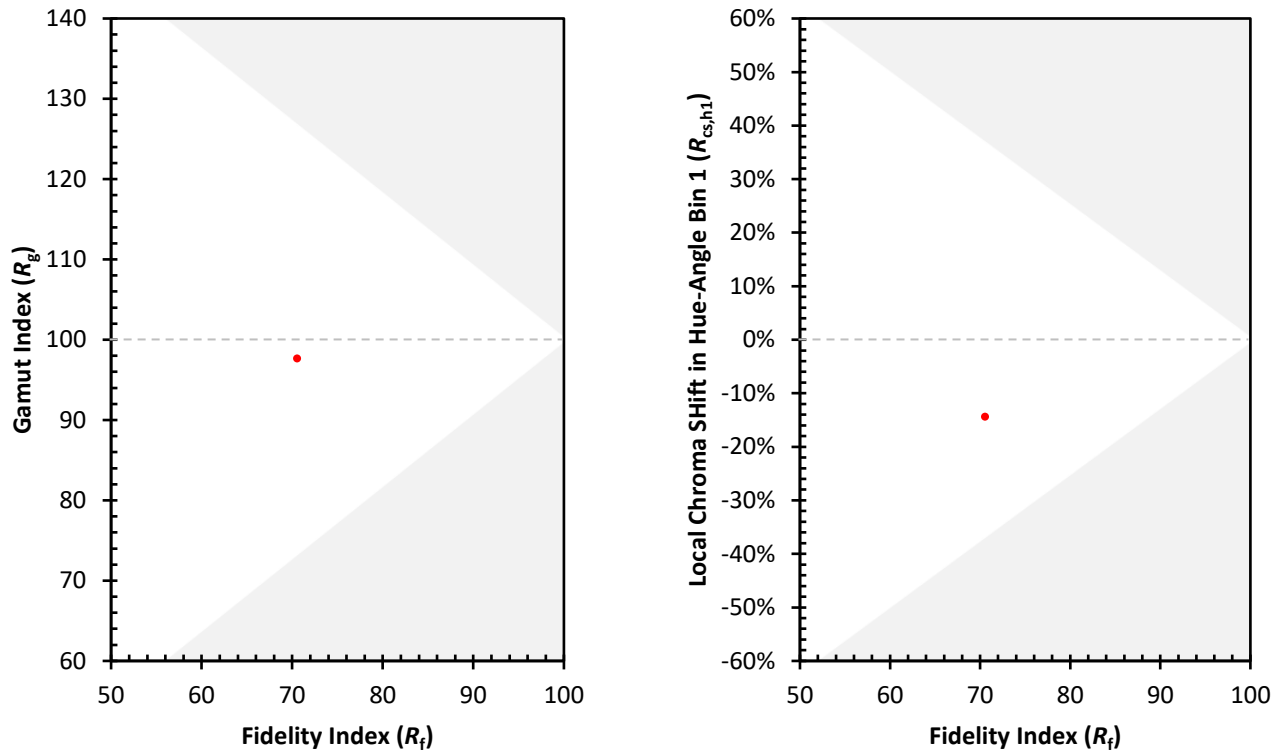
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 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)