

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: P1063329

Luminaire Tested: **GLAN-SA9A-722-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063329
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA9A-722-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 9xLight Square PACKAGE
70CRI 2200K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (126) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 23489 lumens
Efficiency: N/A
Efficacy: 96.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 244.6
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



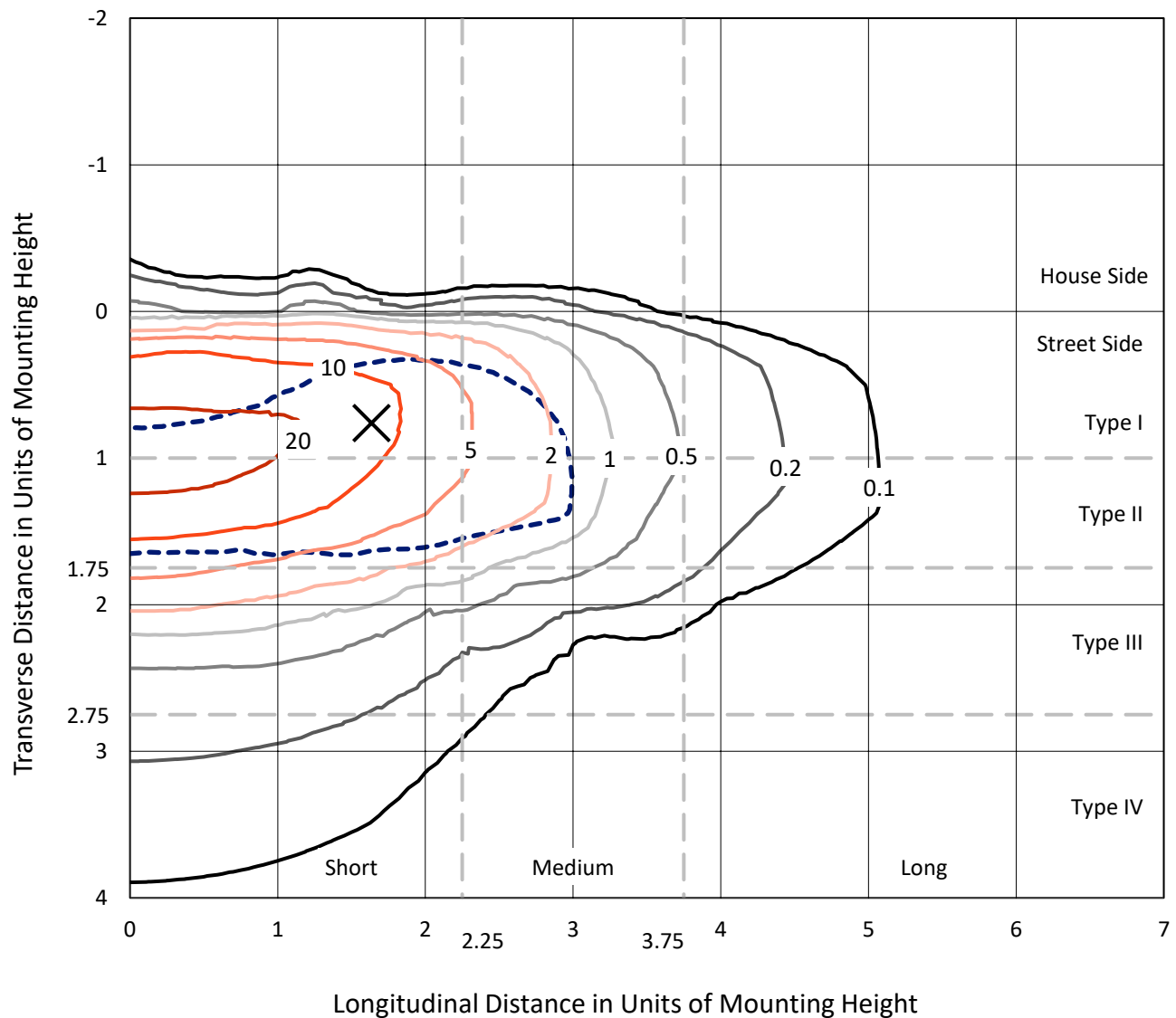
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

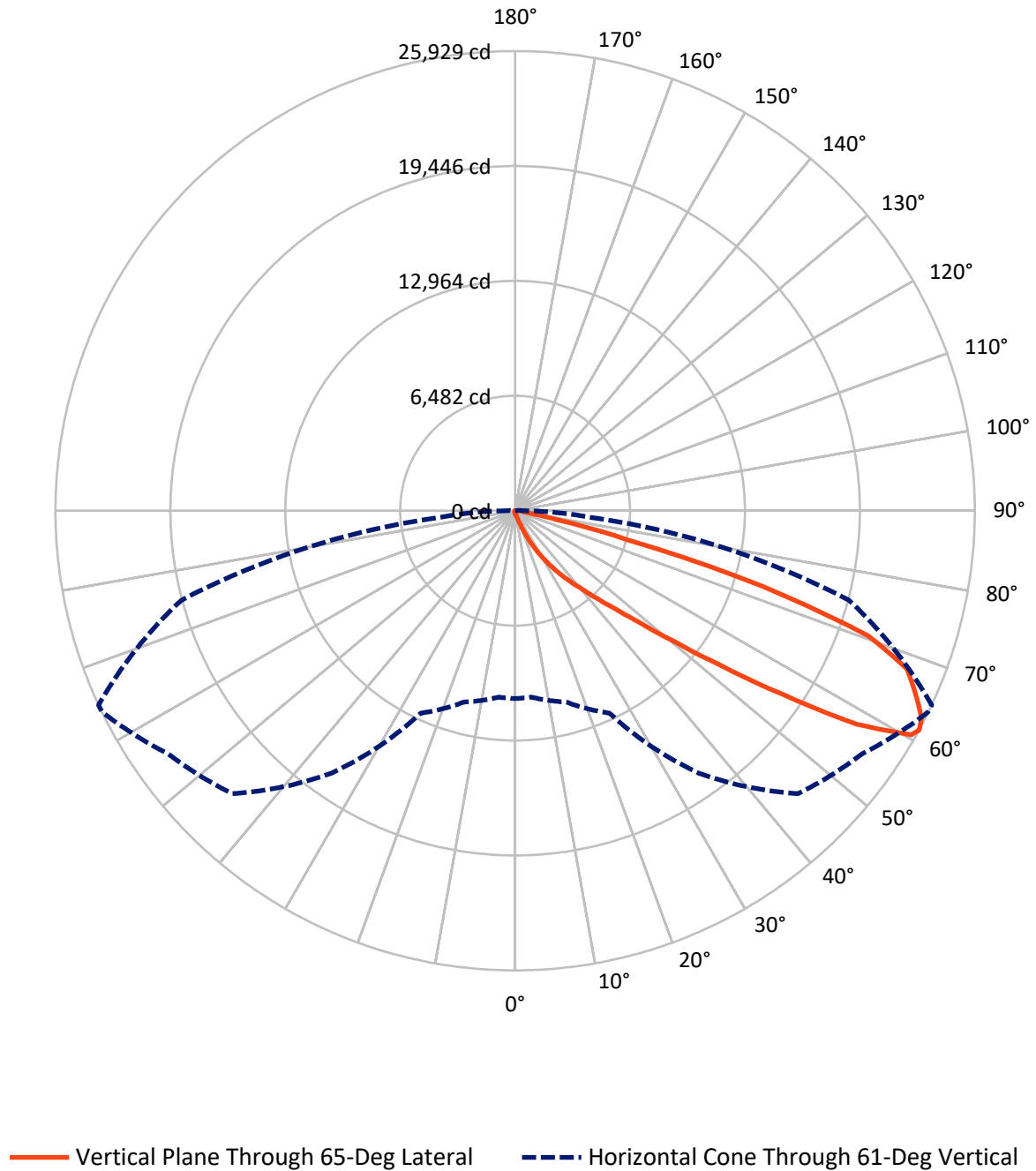


Based on 15 foot mounting height. Maximum calculated value = 31.1 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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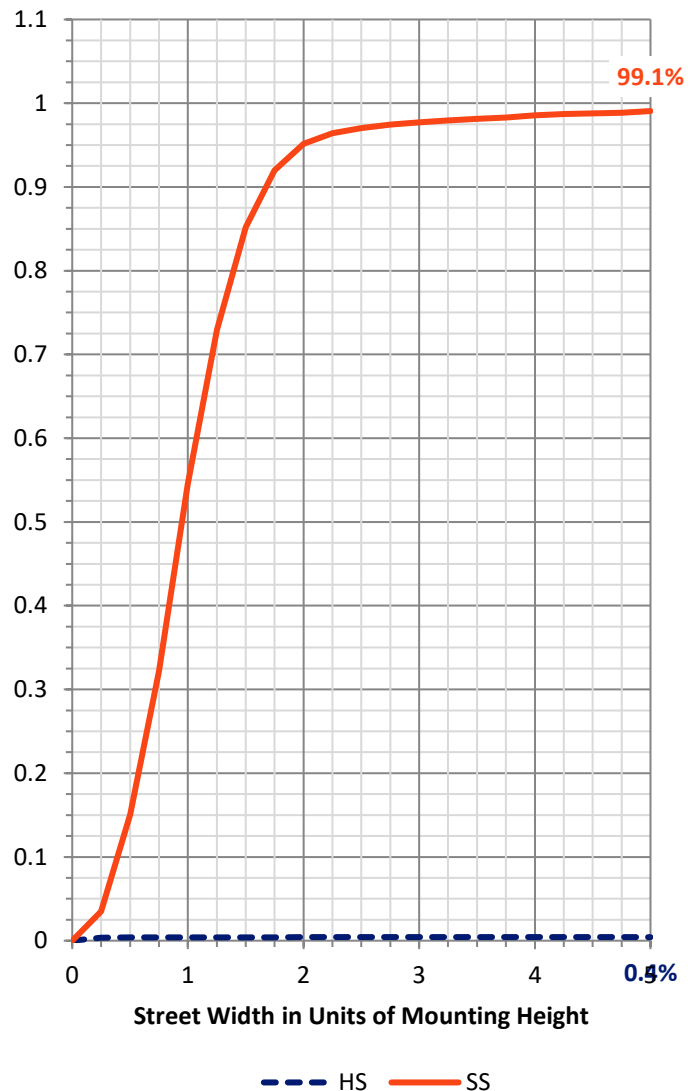
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	100.3	0.0	100.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	23388.8	0.0	23388.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	23489.0	0.0	23489.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.3	0.1
10°-20°	193.2	0.8
20°-30°	693.2	3.0
30°-40°	1845.6	7.9
40°-50°	4848.3	20.6
50°-60°	7510.9	32.0
60°-70°	6297.8	26.8
70°-80°	1853.3	7.9
80°-90°	228.6	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°	23489.0	100.0
0°-180°	23489.0	100.0



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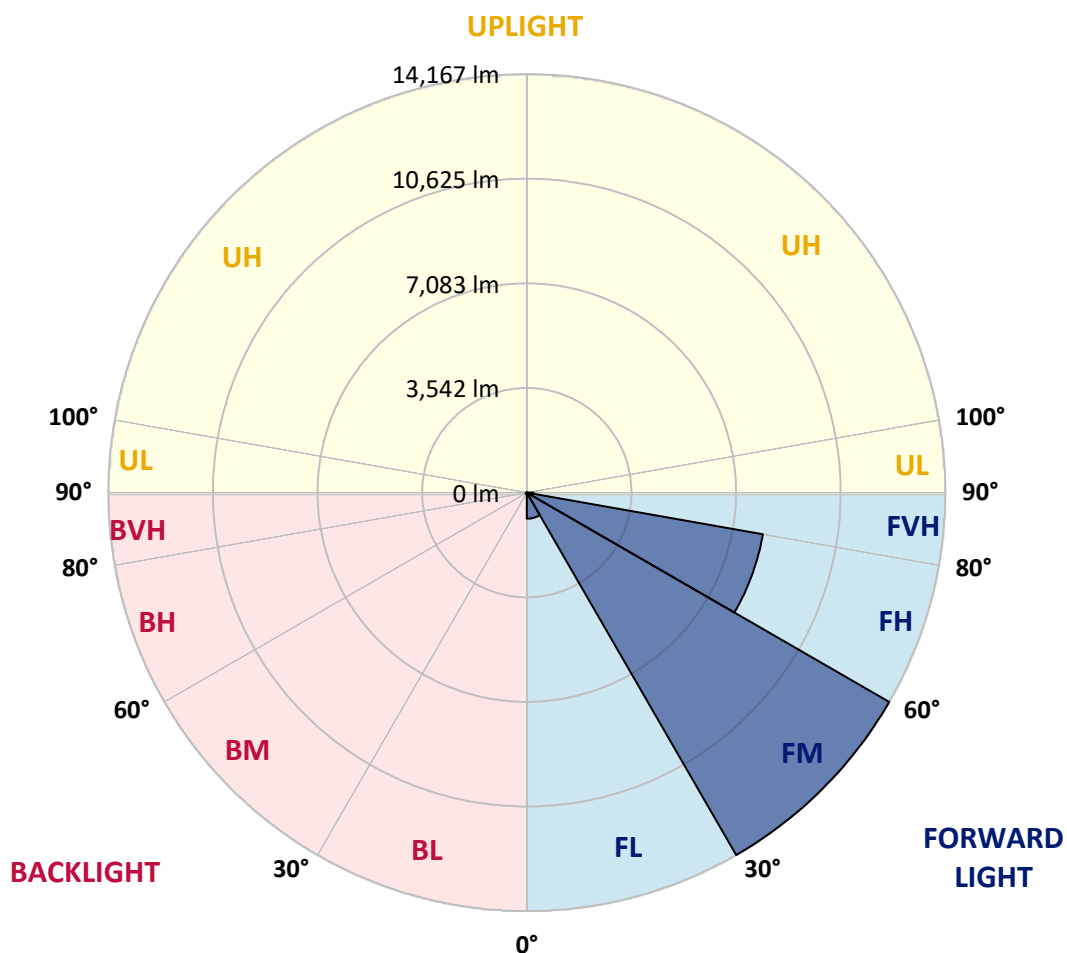
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	882.1	3.8			
FM	(30°-60°)	14166.5	60.3			
FH	(60°-80°)	8115.7	34.6			G4/12000
FVH	(80°-90°)	224.4	1.0			G2/225
BL	(0°-30°)	22.5	0.1	B0/110		
BM	(30°-60°)	38.2	0.2	B0/220		
BH	(60°-80°)	35.4	0.2	B0/110		G0/110
BVH	(80°-90°)	4.2	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-G4

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	143.8	143.8	143.8	143.8	143.8	143.8	143.8	143.8	143.8	143.8	143.8
2.5°	174.5	176.1	172.9	166.4	161.6	161.6	160.0	155.1	155.1	150.3	147.0
5°	244.0	240.8	234.3	221.4	210.1	198.7	187.4	176.1	174.5	160.0	150.3
7.5°	399.1	402.3	381.3	340.9	307.0	263.4	223.0	198.7	195.5	171.3	151.9
10°	875.8	851.5	803.0	646.3	531.6	400.7	297.3	231.1	227.8	184.2	155.1
12.5°	1596.4	1577.0	1488.1	1326.6	1030.9	717.4	434.6	286.0	276.3	195.5	156.7
15°	2300.9	2270.2	2221.7	2058.5	1712.7	1286.2	710.9	391.0	365.2	211.7	155.1
17.5°	2750.1	2754.9	2711.3	2641.8	2418.8	1903.4	1228.0	583.3	533.2	240.8	151.9
20°	3142.7	3131.4	3155.6	3118.5	2961.7	2586.9	1787.1	924.2	838.6	287.6	153.5
22.5°	3595.1	3622.6	3640.4	3632.3	3459.4	3139.5	2422.1	1383.1	1274.9	373.2	158.3
25°	4201.1	4197.8	4199.4	4178.4	4010.4	3654.9	3058.7	1953.5	1843.6	512.2	169.7
27.5°	4836.1	4855.5	4863.5	4787.6	4567.8	4218.8	3648.5	2577.2	2447.9	735.2	184.2
30°	5703.7	5687.6	5650.4	5495.3	5228.7	4795.7	4230.1	3231.6	3095.9	1047.0	206.8
32.5°	6873.6	6855.8	6668.4	6325.8	5926.7	5396.7	4815.1	3887.6	3722.8	1436.4	237.5
35°	8801.2	8828.7	8368.2	7481.1	6765.3	6119.0	5463.0	4540.4	4395.0	1916.3	279.5
37.5°	11753.3	11603.0	10977.7	9410.4	7868.9	7020.6	6081.8	5199.6	5073.6	2507.7	334.5
40°	14621.3	14472.7	14291.7	12806.8	9786.9	8014.3	6947.9	5973.6	5810.4	3175.0	415.3
42.5°	17636.4	17554.0	17545.9	16426.1	13286.7	9576.8	7990.1	6880.0	6741.1	3907.0	547.8
45°	19772.5	19690.0	19862.9	20058.4	18053.2	12924.7	9804.6	8058.0	7856.0	4795.7	759.4
47.5°	20060.1	20063.3	20525.4	21137.8	21595.1	18103.3	12221.9	9618.8	9373.2	6067.3	1114.9
50°	19103.5	19140.7	19875.9	20971.4	22202.6	22448.2	16484.3	11884.2	11520.6	7574.8	1619.0
52.5°	17282.5	17324.5	18348.9	20150.5	21643.5	23492.0	21503.0	14847.5	14429.0	9455.6	2330.0
55°	15642.5	15668.3	16843.0	19119.7	20969.8	22924.9	24482.5	18804.6	18255.2	11769.4	3031.2
57.5°	14018.6	13958.8	14723.1	17329.4	20855.0	22228.5	24922.0	23314.3	22708.3	14298.1	3577.4
60°	11847.0	11746.8	12360.8	14018.6	19345.9	22685.7	24099.5	25809.1	25671.7	17819.0	3999.1
61°	10598.0	10556.0	11173.2	12595.1	18075.9	22569.4	23902.4	25914.1	25928.6	19484.8	4188.1
62.5°	7568.4	7687.9	8631.6	10480.0	15140.0	21814.8	23928.3	25589.3	25733.1	21698.5	4677.7
65°	3364.1	3556.4	4289.9	5794.2	8804.5	18147.0	23698.8	24876.7	24805.6	22306.0	6364.6
67.5°	1995.5	2024.6	2389.8	3283.3	4663.2	9761.0	20913.2	23934.7	23839.4	19418.6	7919.0
70°	1572.2	1586.7	1703.0	2060.1	2706.5	3738.9	11935.9	20708.0	21123.3	15745.9	7752.6
72.5°	1491.4	1488.1	1504.3	1567.3	1704.7	1854.9	4621.2	13764.9	14610.0	11339.6	6500.3
75°	1472.0	1465.5	1449.4	1425.1	1234.5	1092.3	1431.6	6088.3	6577.9	7747.7	4894.2
77.5°	1428.4	1430.0	1433.2	1367.0	1058.3	772.3	693.2	1953.5	2402.7	4916.9	3478.8
80°	966.2	980.8	1005.0	979.2	951.7	559.1	489.6	694.8	704.5	2759.8	2297.7
82.5°	489.6	489.6	478.3	426.6	368.4	363.6	389.4	504.1	510.6	1396.0	1081.0
85°	295.7	311.8	318.3	289.2	265.0	244.0	297.3	400.7	415.3	541.3	252.1
87.5°	66.2	67.9	74.3	98.6	143.8	195.5	276.3	366.8	373.2	347.4	30.7
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°	143.8	143.8	143.8	143.8	143.8	143.8	143.8	143.8	143.8	143.8	143.8
2.5°	145.4	142.2	140.6	135.7	130.9	126.0	122.8	121.2	122.8	124.4	124.4
5°	143.8	139.0	130.9	122.8	116.3	109.9	103.4	101.8	101.8	103.4	103.4
7.5°	143.8	135.7	124.4	114.7	105.0	95.3	90.5	87.3	88.9	88.9	88.9
10°	143.8	134.1	119.6	105.0	93.7	82.4	74.3	71.1	71.1	71.1	71.1
12.5°	142.2	132.5	114.7	96.9	80.8	67.9	58.2	53.3	54.9	54.9	54.9
15°	139.0	127.6	108.3	82.4	64.6	51.7	42.0	37.2	38.8	42.0	43.6
17.5°	134.1	122.8	96.9	69.5	51.7	38.8	29.1	25.9	27.5	32.3	32.3
20°	132.5	118.0	85.6	56.6	38.8	27.5	19.4	16.2	17.8	24.2	25.9
22.5°	132.5	114.7	77.6	46.9	29.1	17.8	11.3	6.5	6.5	11.3	11.3
25°	134.1	113.1	71.1	38.8	21.0	12.9	6.5	3.2	6.5	17.8	21.0
27.5°	137.3	111.5	67.9	32.3	16.2	11.3	4.8	11.3	19.4	19.4	19.4
30°	140.6	108.3	63.0	27.5	14.5	8.1	8.1	16.2	16.2	19.4	21.0
32.5°	145.4	106.6	59.8	24.2	11.3	6.5	11.3	9.7	9.7	11.3	12.9
35°	155.1	108.3	56.6	24.2	11.3	8.1	9.7	4.8	3.2	3.2	3.2
37.5°	168.0	109.9	51.7	21.0	9.7	9.7	4.8	0.0	0.0	0.0	0.0
40°	189.0	114.7	48.5	19.4	8.1	8.1	1.6	0.0	0.0	0.0	0.0
42.5°	224.6	124.4	46.9	17.8	8.1	6.5	0.0	0.0	0.0	0.0	0.0
45°	295.7	147.0	43.6	16.2	8.1	3.2	0.0	0.0	0.0	0.0	0.0
47.5°	425.0	200.4	42.0	12.9	4.8	0.0	0.0	0.0	0.0	0.0	0.0
50°	620.5	271.5	40.4	11.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	791.7	286.0	27.5	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	811.1	197.1	21.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	646.3	127.6	17.8	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	489.6	96.9	16.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	470.2	87.3	16.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	518.7	75.9	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	843.4	63.0	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1465.5	54.9	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1851.7	51.7	9.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1614.2	46.9	9.7	3.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0
75°	971.1	40.4	9.7	6.5	3.2	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	509.0	30.7	9.7	8.1	4.8	1.6	0.0	0.0	0.0	0.0	0.0
80°	247.2	27.5	11.3	8.1	6.5	3.2	0.0	0.0	0.0	0.0	0.0
82.5°	96.9	22.6	12.9	11.3	8.1	4.8	1.6	0.0	0.0	0.0	0.0
85°	43.6	19.4	14.5	12.9	11.3	6.5	1.6	0.0	0.0	0.0	0.0
87.5°	22.6	17.8	16.2	14.5	11.3	8.1	3.2	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

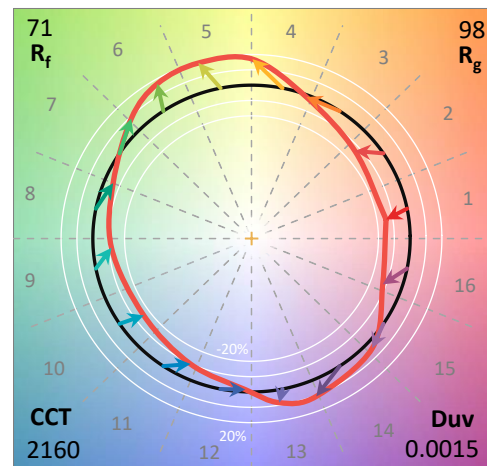
Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

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

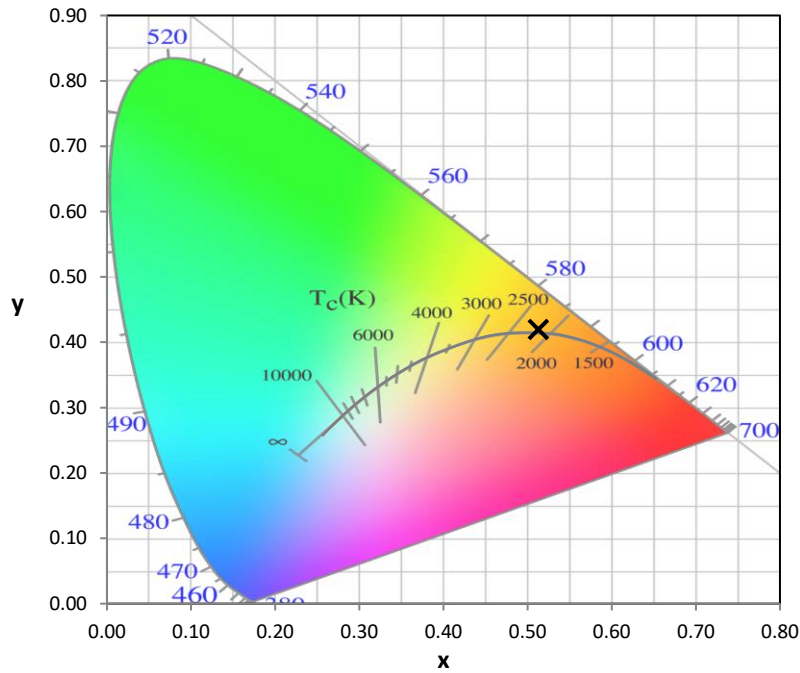
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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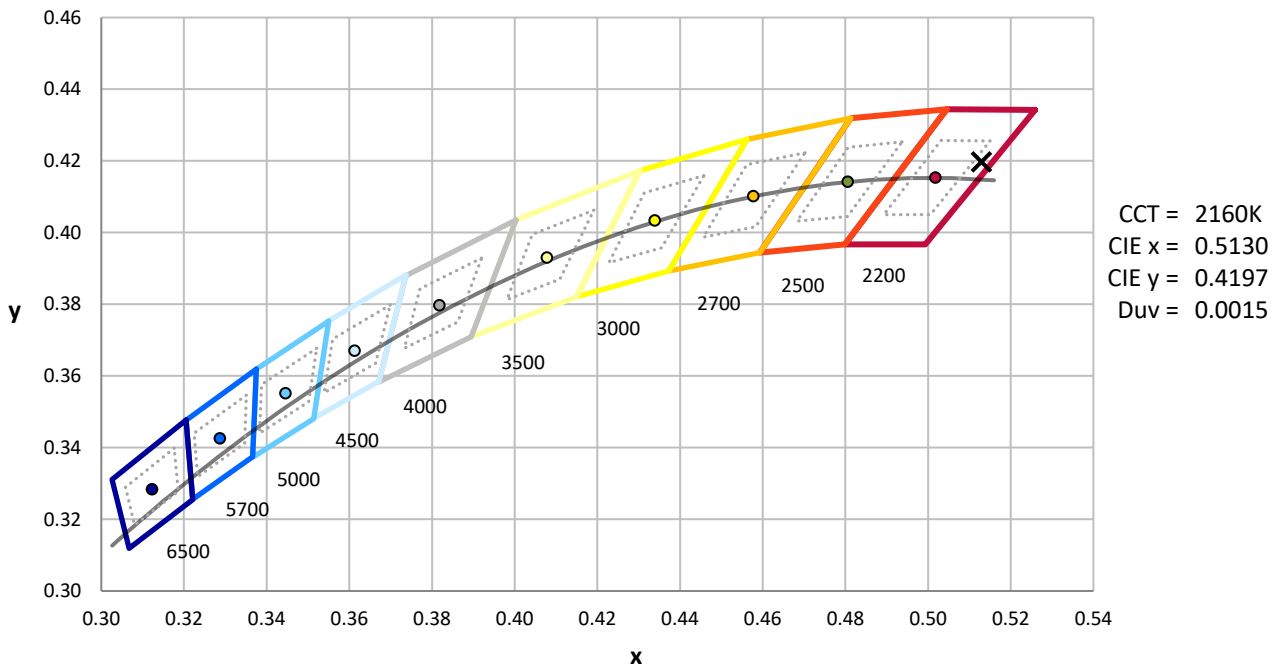
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



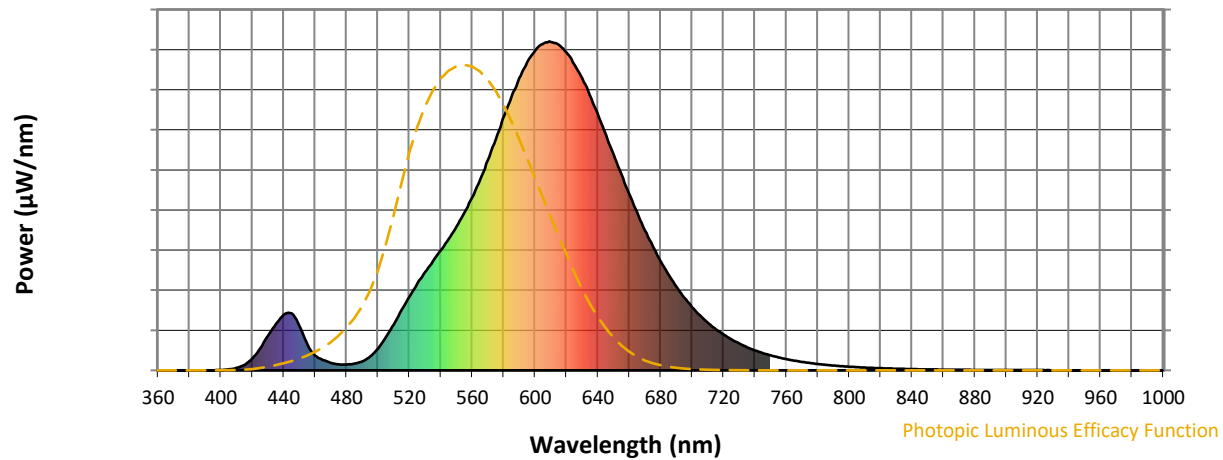
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2200K 7-step quadrangle

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Photopic Flux vs. Wavelength

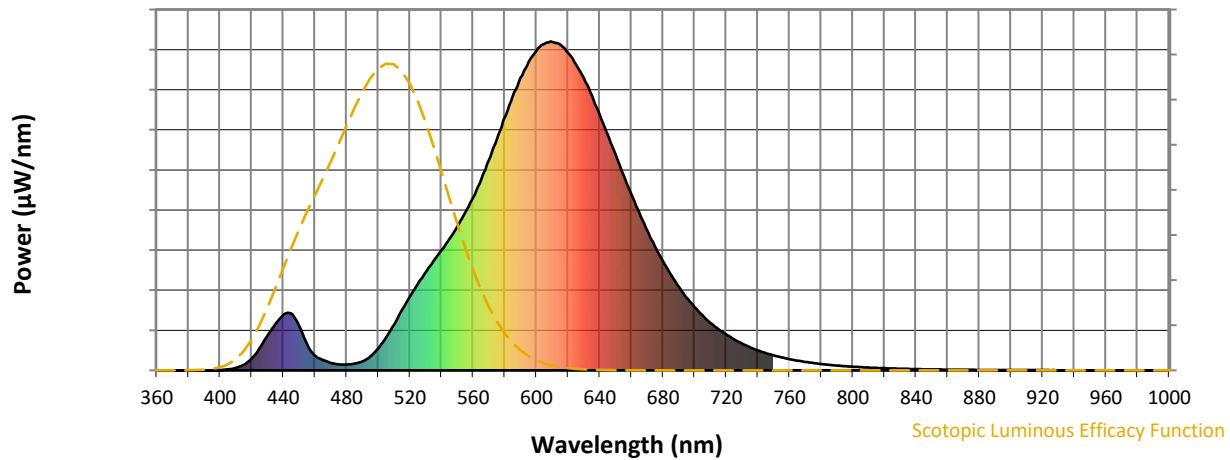


Photopic Lumens: NR

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



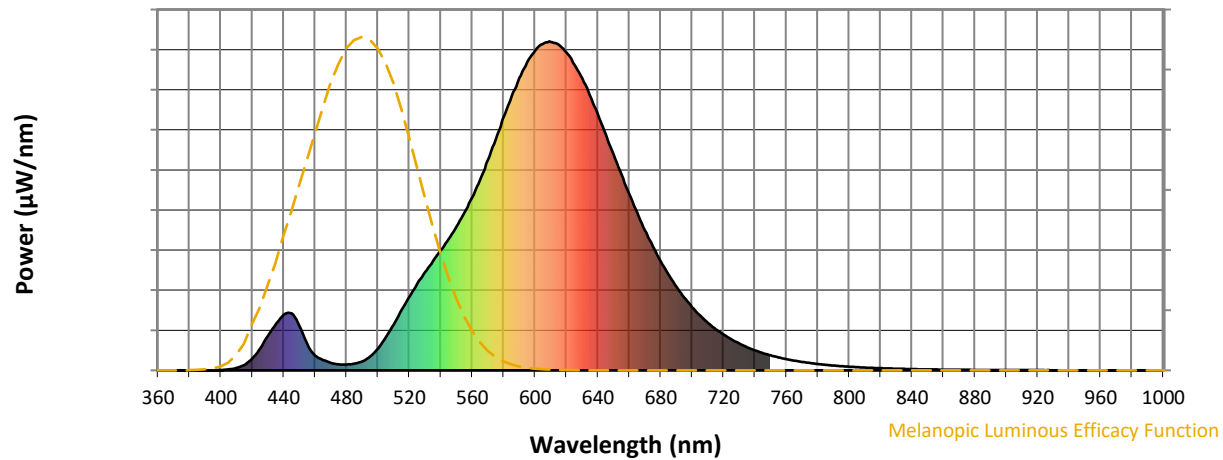
Scotopic Lumens: NR

S/P: 0.8

λ (nm)	Power 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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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.21

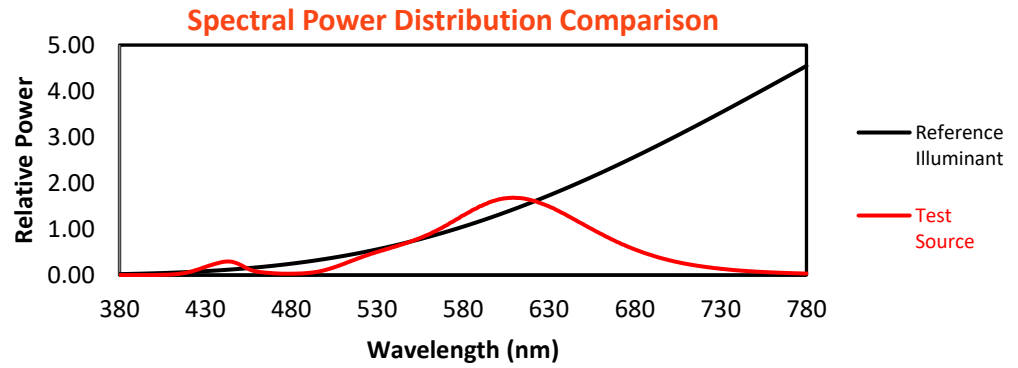
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	27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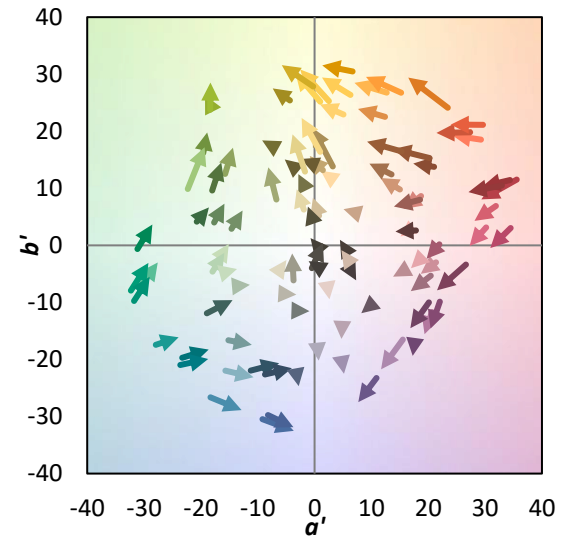
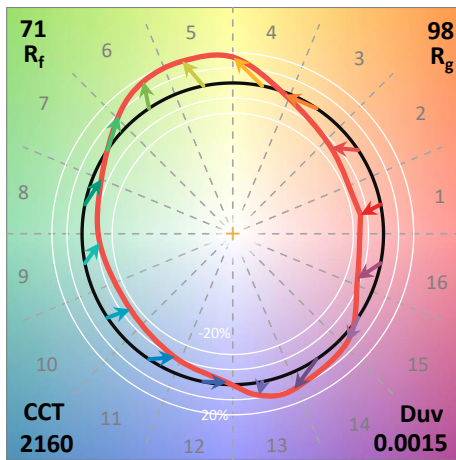
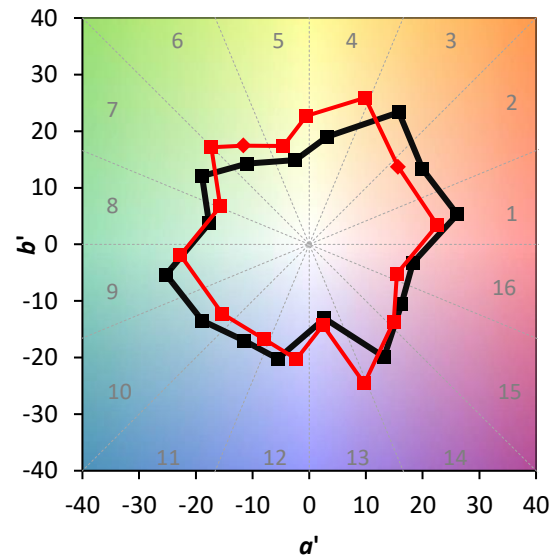
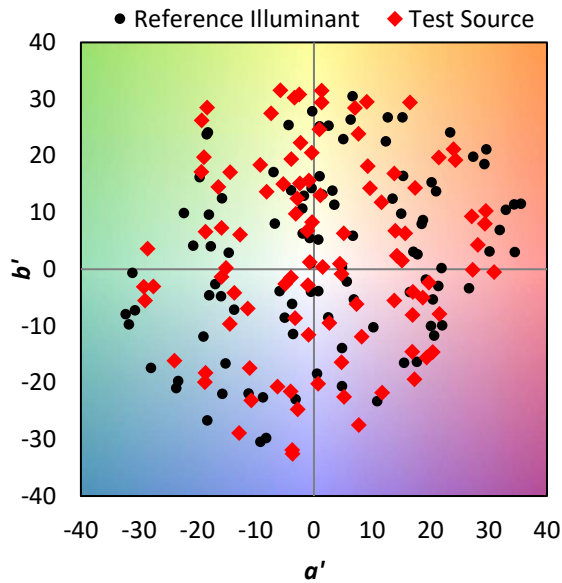
TM-30-18

Summary

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

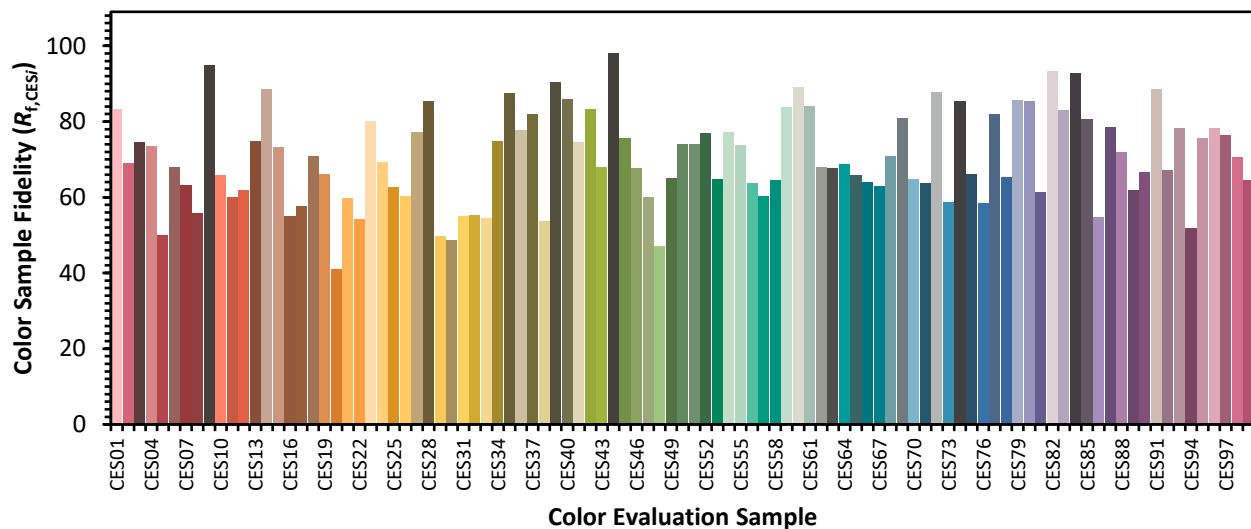


Color Vector Graphics

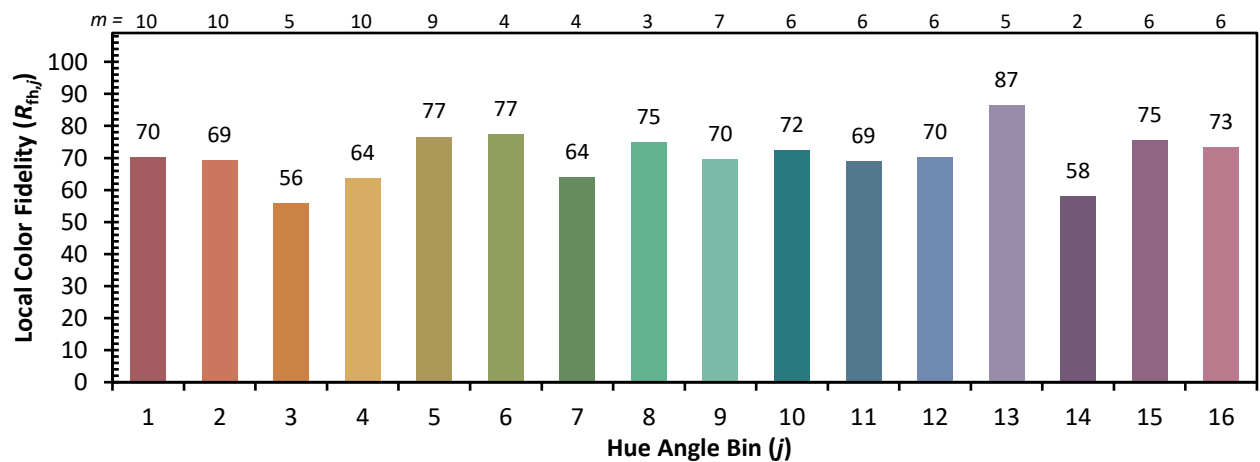
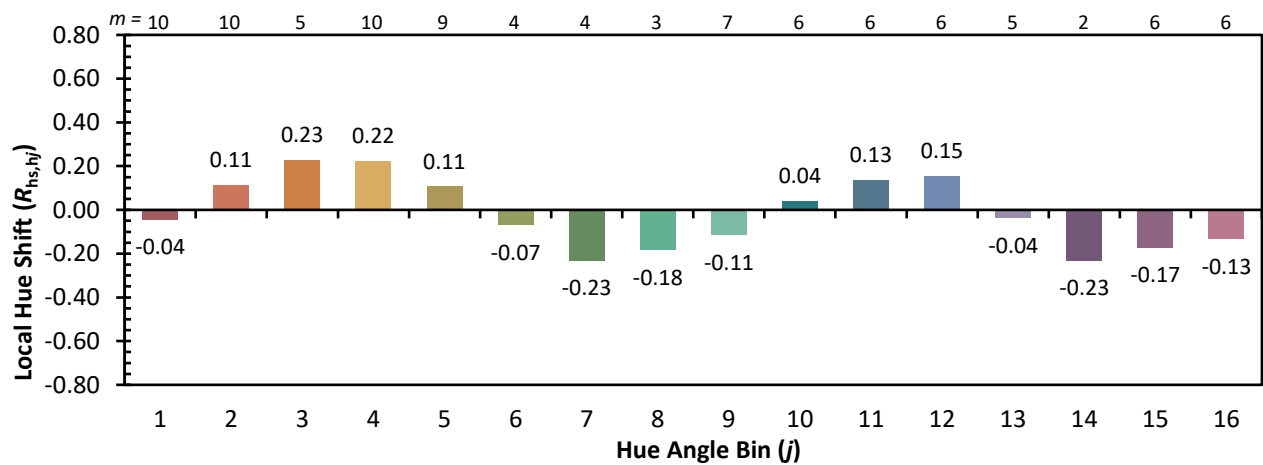
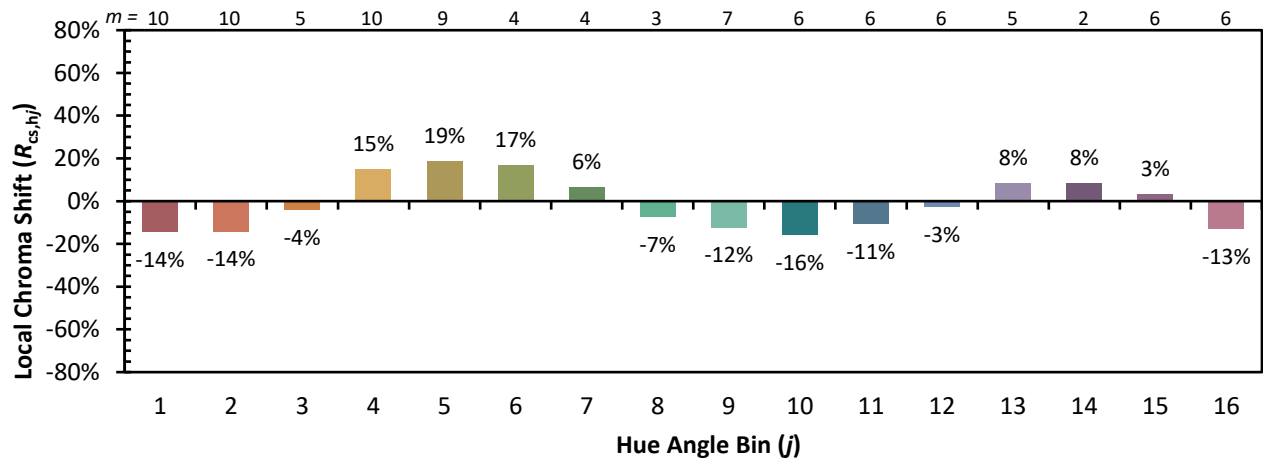


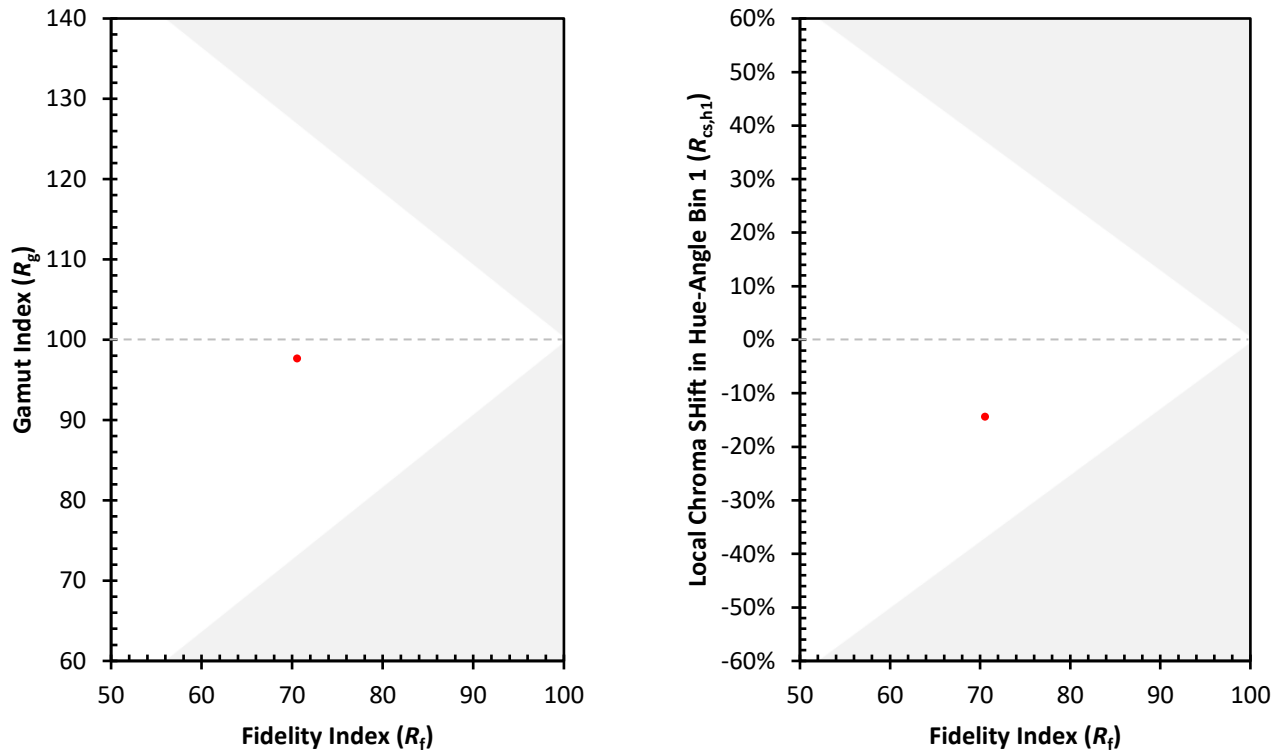
Individual Sample Fidelity Index ($R_{f,i}$)

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)