

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: P1062701

Luminaire Tested: **GLAN-SA5A-722-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1062701
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA5A-722-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 5xLight Square PACKAGE
70CRI 2200K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (70) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13640.6 lumens
Efficiency: N/A
Efficacy: 99.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 136.6
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

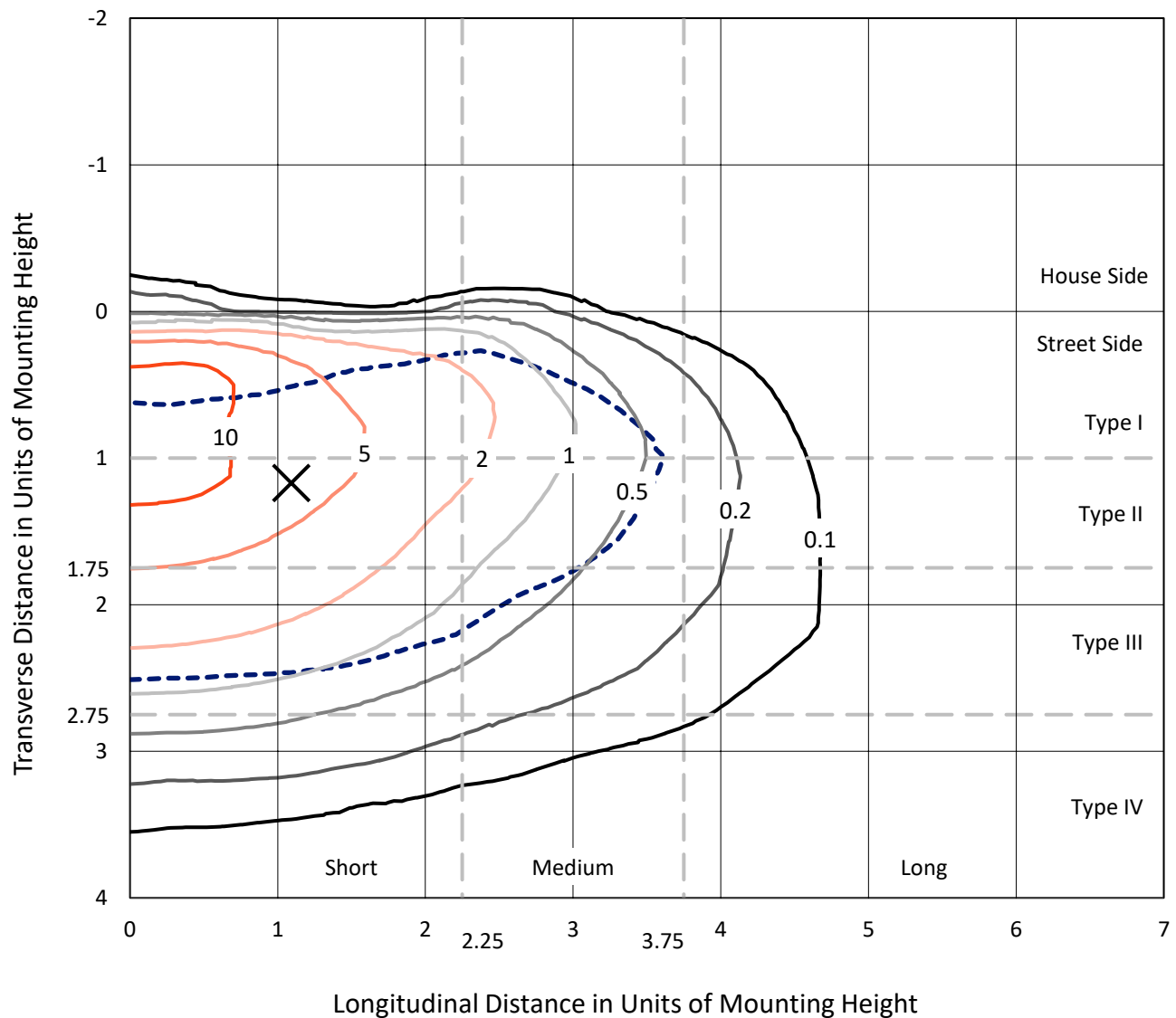


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

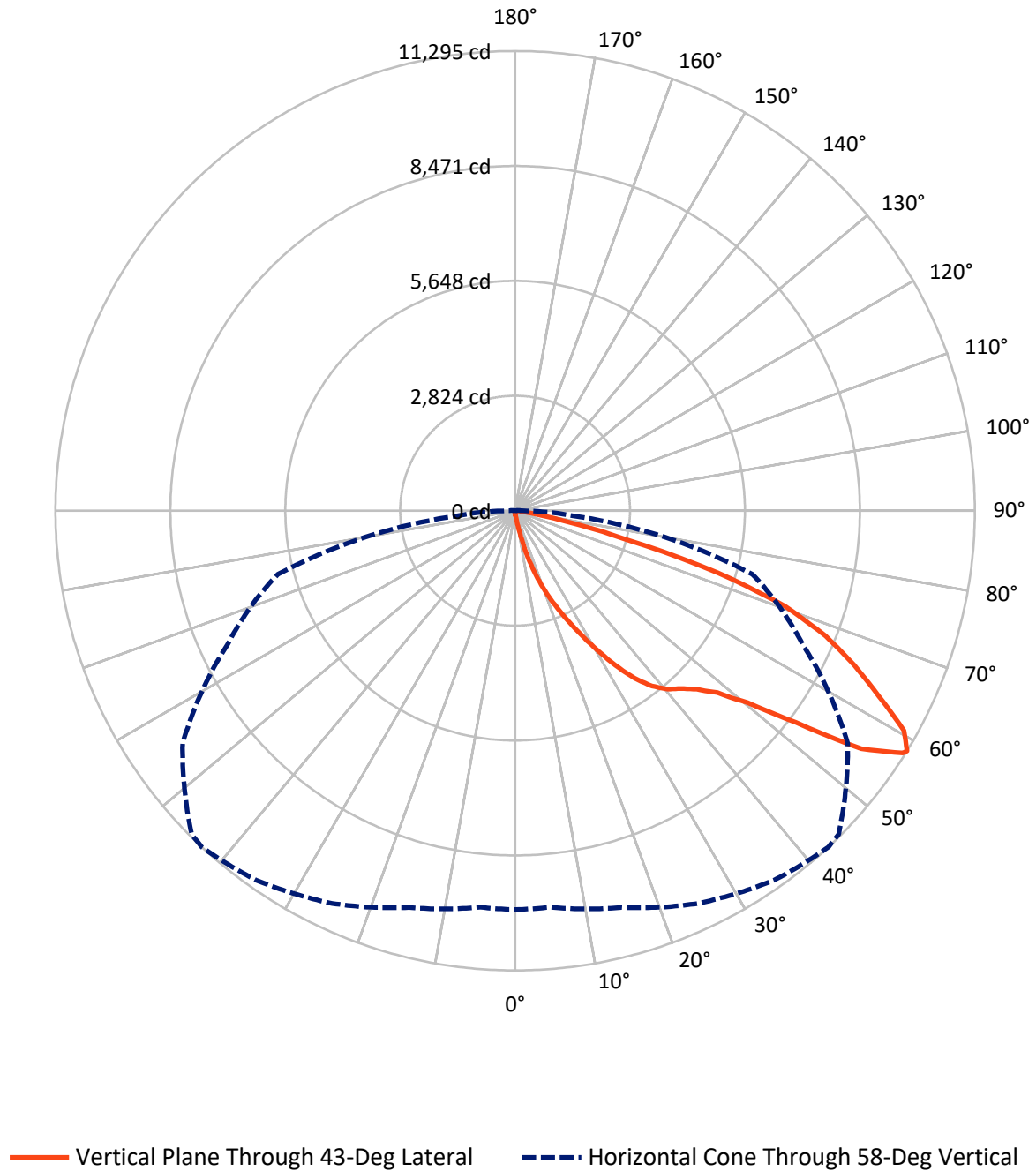


Based on 15 foot mounting height. Maximum calculated value = 15.3 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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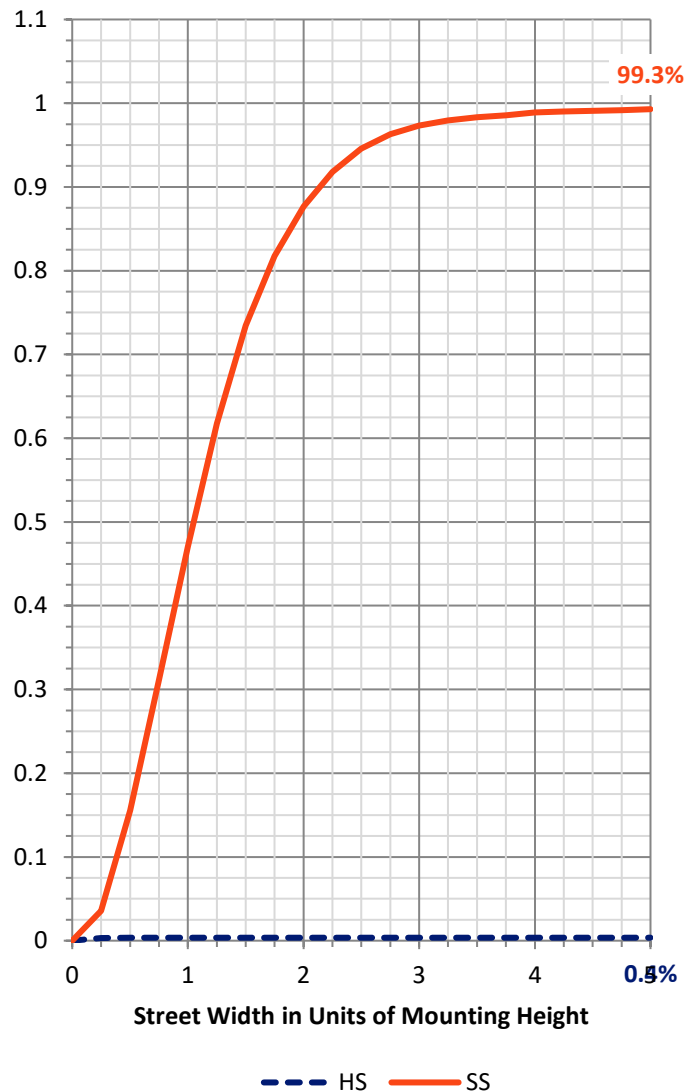
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	49.8	0.0	49.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	13590.8	0.0	13590.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	13640.6	0.0	13640.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.1	0.1
10°-20°	156.8	1.1
20°-30°	565.1	4.1
30°-40°	1293.0	9.5
40°-50°	2180.9	16.0
50°-60°	3598.9	26.4
60°-70°	4022.3	29.5
70°-80°	1660.7	12.2
80°-90°	149.7	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°	13640.6	100.0
0°-180°	13640.6	100.0



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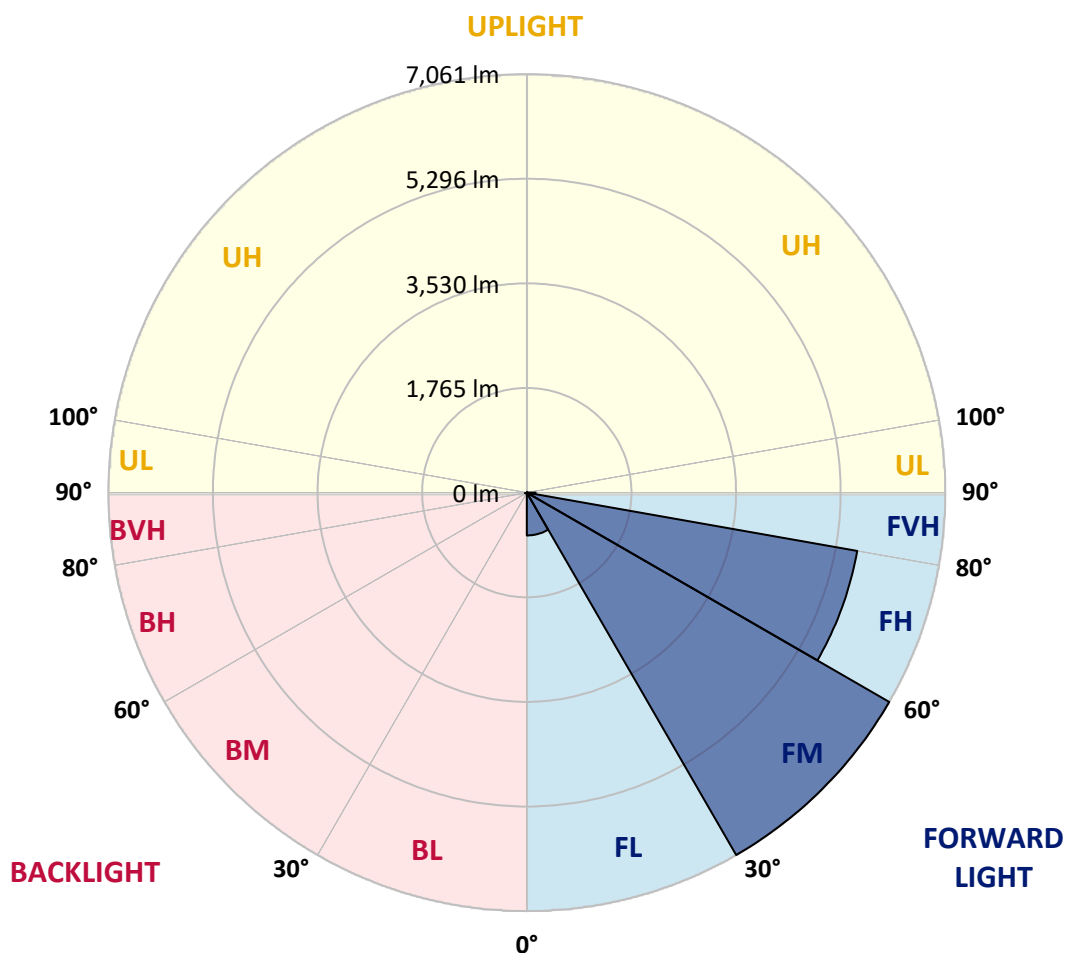
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	722.0	5.3			
FM	(30°-60°)	7060.9	51.8			
FH	(60°-80°)	5660.2	41.5			G3/7500
FVH	(80°-90°)	147.7	1.1			G2/225
BL	(0°-30°)	13.0	0.1	B0/110		
BM	(30°-60°)	11.9	0.1	B0/220		
BH	(60°-80°)	22.8	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°	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
2.5°	107.0	110.6	107.0	107.0	107.0	103.5	103.5	99.9	99.9	96.3	92.8
5°	157.0	157.0	146.3	139.1	132.0	128.4	124.9	117.7	110.6	103.5	96.3
7.5°	349.6	349.6	317.5	274.7	217.6	185.5	178.4	146.3	124.9	110.6	96.3
10°	834.8	834.8	763.5	645.7	499.5	371.0	331.8	210.5	149.8	117.7	99.9
12.5°	1387.8	1405.6	1316.4	1166.6	949.0	724.2	645.7	385.3	199.8	128.4	99.9
15°	1883.7	1840.9	1815.9	1673.2	1466.3	1198.7	1098.8	649.3	289.0	146.3	99.9
17.5°	2219.0	2219.0	2183.4	2087.0	1898.0	1662.5	1580.4	1048.9	467.4	167.7	103.5
20°	2611.5	2611.5	2547.3	2479.5	2311.8	2112.0	2033.5	1491.3	724.2	214.1	103.5
22.5°	3086.0	3093.1	3021.7	2900.5	2739.9	2518.7	2450.9	1901.5	1048.9	285.4	107.0
25°	3663.9	3671.1	3567.6	3453.4	3207.3	2968.2	2864.8	2372.4	1444.9	399.6	107.0
27.5°	4302.5	4352.5	4199.1	4002.8	3742.4	3442.7	3364.2	2797.0	1837.3	563.7	114.2
30°	5098.1	5098.1	4894.7	4620.0	4338.2	3967.2	3867.3	3242.9	2254.7	781.3	121.3
32.5°	5783.1	5729.6	5469.1	5180.1	4880.5	4534.4	4427.4	3710.3	2682.8	1052.4	135.6
35°	6307.5	6261.1	5940.0	5629.7	5369.2	5051.7	4923.3	4216.9	3135.9	1359.3	157.0
37.5°	6757.0	6739.2	6303.9	5915.1	5743.8	5465.5	5351.4	4694.9	3581.9	1691.0	181.9
40°	7249.3	7192.3	6728.5	6246.9	5990.0	5765.2	5661.8	5080.2	4010.0	2079.9	217.6
42.5°	7670.3	7602.5	7185.1	6714.2	6275.4	5972.1	5872.3	5404.9	4427.4	2468.8	264.0
45°	8137.7	8102.0	7681.0	7324.3	6739.2	6254.0	6122.0	5665.3	4809.1	2932.6	324.7
47.5°	8840.5	8776.3	8383.8	8091.3	7413.5	6682.1	6493.0	5932.9	5176.6	3389.2	417.4
50°	9657.5	9614.7	9382.8	9150.9	8476.6	7413.5	7188.7	6318.2	5586.8	3931.5	538.7
52.5°	10324.6	10317.5	10346.0	10349.6	9839.4	8644.3	8308.9	6939.0	6057.8	4466.6	710.0
55°	10310.3	10342.4	10656.4	11016.7	11056.0	10324.6	10000.0	7984.3	6671.4	5126.6	949.0
57.5°	9925.0	9900.1	10231.8	10774.1	11155.9	11234.3	11180.8	9607.5	7595.4	5922.2	1316.4
58°	9800.2	9778.8	10092.7	10645.7	11084.5	11295.0	11241.5	9975.0	7802.3	6036.4	1416.3
60°	9347.1	9350.7	9536.2	10039.2	10478.0	10977.5	11027.4	11023.9	8833.4	6799.8	1919.4
62.5°	8747.7	8719.2	8890.4	9300.7	9686.0	10021.4	10107.0	11095.2	10342.4	7770.2	2879.0
65°	7920.1	7877.2	8059.2	8523.0	8936.8	9154.4	9158.0	10139.1	11052.4	8811.9	4249.0
67.5°	6382.4	6346.7	6710.6	7306.4	7945.0	8230.4	8358.9	8797.7	10453.0	9518.3	5033.9
70°	3910.1	3985.0	4491.6	5426.3	6518.0	7042.4	7235.1	7370.6	8901.1	9411.3	4209.8
72.5°	1805.2	1716.0	2147.7	2800.6	4045.6	5212.2	5412.0	5943.6	7056.7	8169.8	3139.5
75°	842.0	809.8	909.7	1223.7	1833.7	2814.8	3178.7	4744.9	5412.0	5683.2	2265.4
77.5°	431.7	435.2	517.3	556.5	756.3	1302.2	1494.8	3121.6	3967.2	3171.6	1519.8
80°	189.1	196.2	199.8	217.6	306.8	503.0	567.2	1448.4	2711.4	1616.1	831.2
82.5°	121.3	124.9	124.9	124.9	146.3	199.8	228.3	581.5	1352.1	802.7	256.9
85°	64.2	64.2	71.4	89.2	103.5	121.3	128.4	185.5	445.9	239.0	60.6
87.5°	35.7	39.2	42.8	53.5	67.8	82.1	89.2	128.4	171.2	164.1	14.3
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°	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
2.5°	92.8	89.2	85.6	82.1	78.5	74.9	74.9	74.9	74.9	74.9	74.9
5°	89.2	85.6	82.1	74.9	67.8	64.2	60.6	57.1	57.1	57.1	57.1
7.5°	89.2	85.6	74.9	67.8	60.6	53.5	46.4	46.4	46.4	46.4	46.4
10°	89.2	82.1	71.4	60.6	49.9	42.8	39.2	35.7	35.7	35.7	35.7
12.5°	89.2	78.5	67.8	53.5	42.8	35.7	32.1	28.5	28.5	28.5	28.5
15°	89.2	78.5	64.2	49.9	39.2	28.5	25.0	21.4	21.4	21.4	21.4
17.5°	85.6	74.9	60.6	42.8	32.1	21.4	17.8	14.3	14.3	17.8	17.8
20°	82.1	71.4	53.5	35.7	25.0	17.8	10.7	10.7	10.7	10.7	10.7
22.5°	82.1	71.4	49.9	32.1	21.4	10.7	7.1	7.1	7.1	7.1	10.7
25°	82.1	67.8	42.8	25.0	14.3	7.1	3.6	3.6	3.6	3.6	3.6
27.5°	82.1	67.8	39.2	21.4	10.7	7.1	3.6	0.0	0.0	0.0	0.0
30°	78.5	64.2	35.7	17.8	7.1	3.6	0.0	0.0	0.0	0.0	0.0
32.5°	78.5	60.6	28.5	14.3	7.1	3.6	0.0	0.0	0.0	0.0	0.0
35°	82.1	57.1	25.0	10.7	3.6	0.0	0.0	0.0	0.0	0.0	3.6
37.5°	85.6	53.5	21.4	7.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0
40°	89.2	49.9	21.4	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	96.3	49.9	17.8	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	103.5	49.9	14.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	117.7	53.5	14.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	128.4	57.1	10.7	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	142.7	53.5	10.7	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	160.5	53.5	10.7	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	174.8	49.9	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	181.9	46.4	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	217.6	42.8	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	338.9	35.7	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	688.5	32.1	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1284.3	28.5	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1437.7	32.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	906.2	25.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	478.1	25.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	239.0	25.0	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	110.6	17.8	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	46.4	10.7	7.1	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0
85°	21.4	10.7	7.1	7.1	3.6	3.6	0.0	0.0	0.0	0.0	0.0
87.5°	10.7	10.7	10.7	7.1	7.1	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

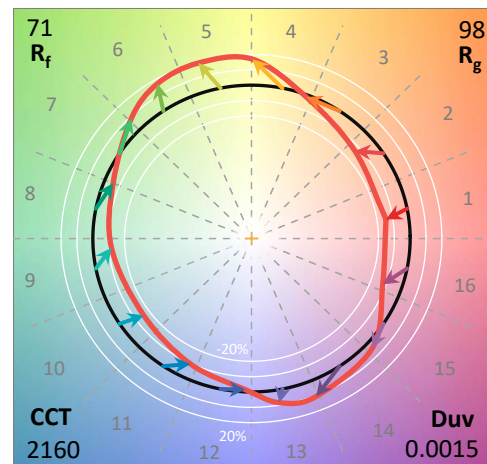
Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

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

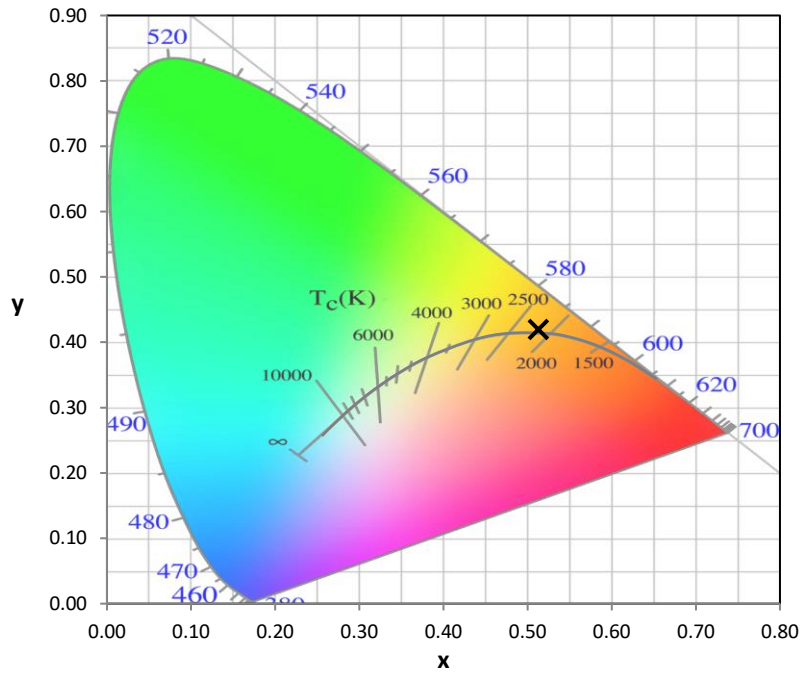
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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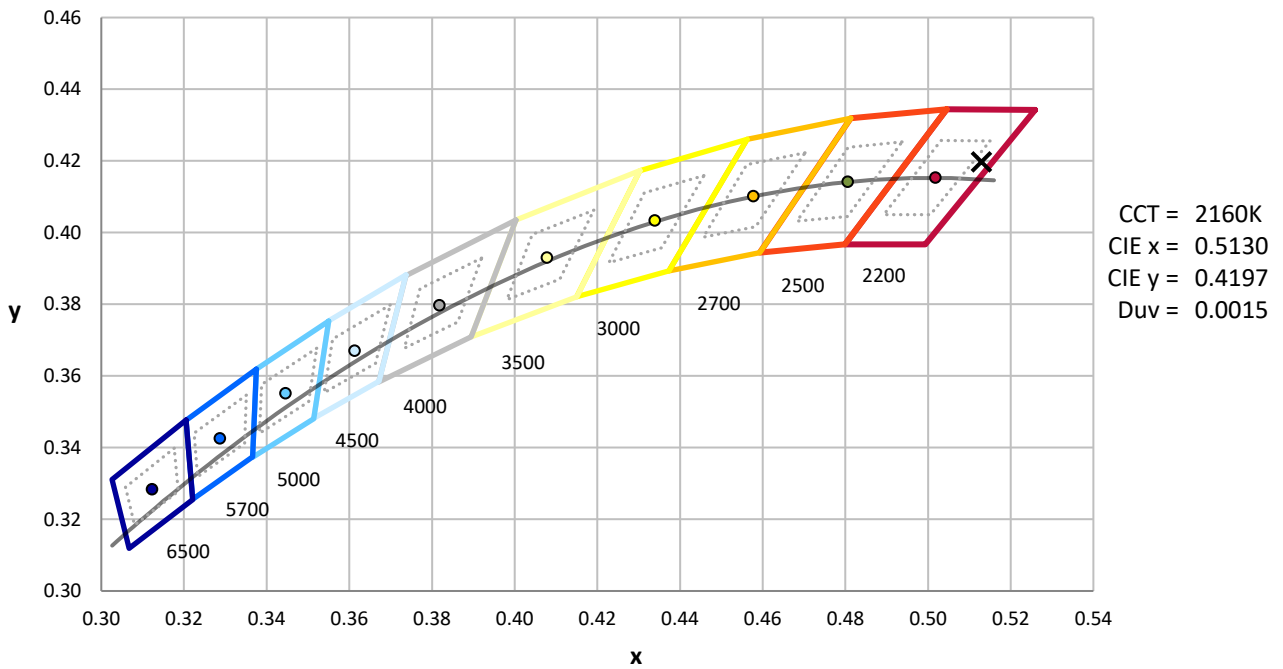
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



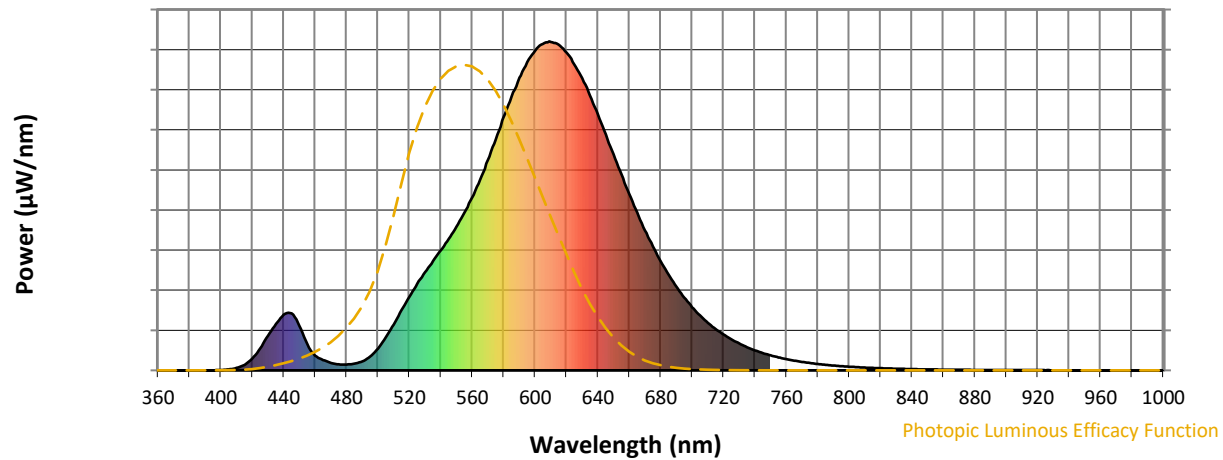
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2200K 7-step quadrangle

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Photopic Flux vs. Wavelength

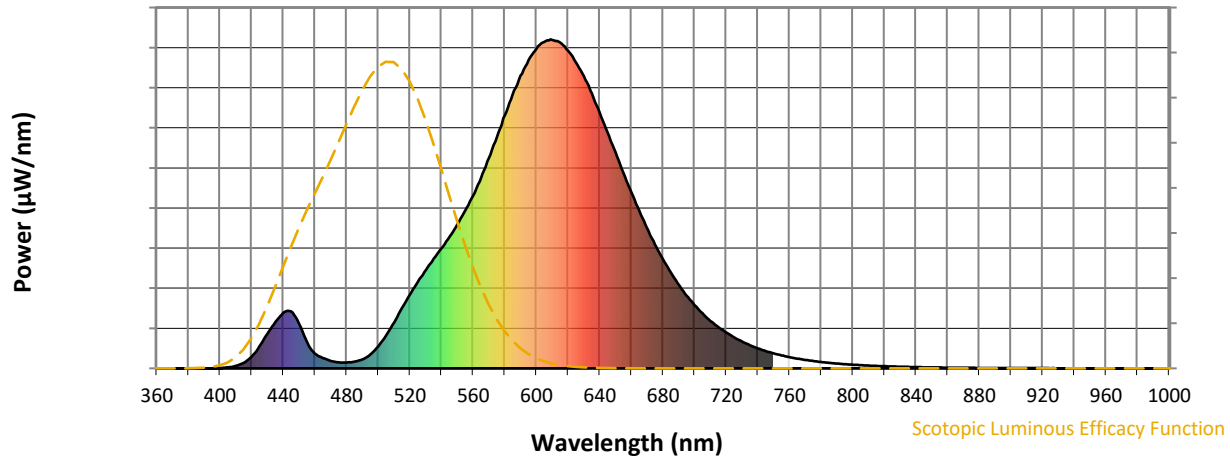


Photopic Lumens: NR

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



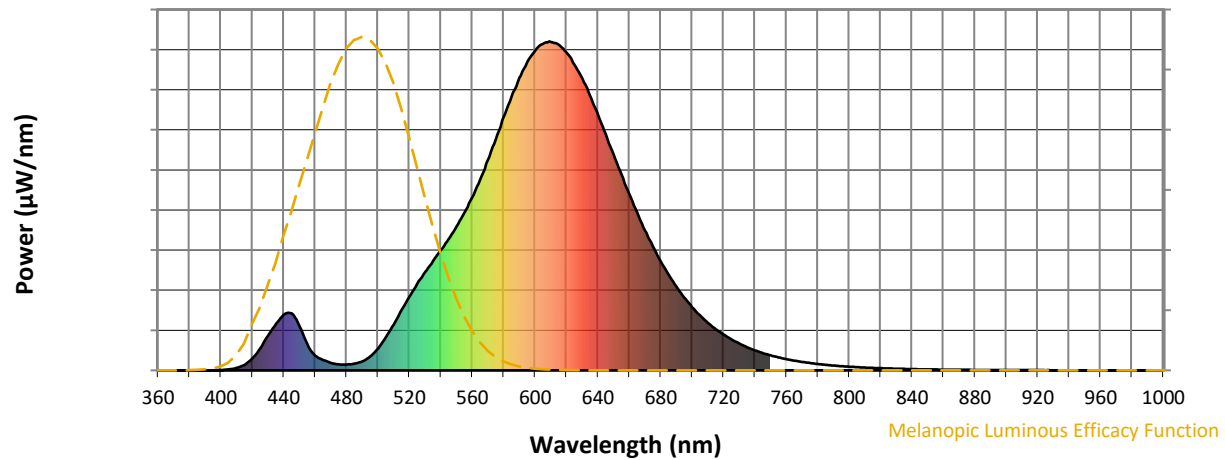
Scotopic Lumens: NR

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

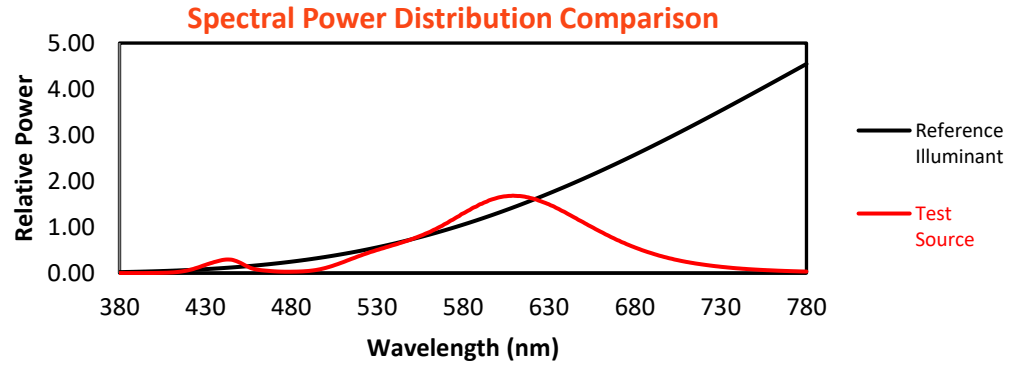
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	27	NR	620	966	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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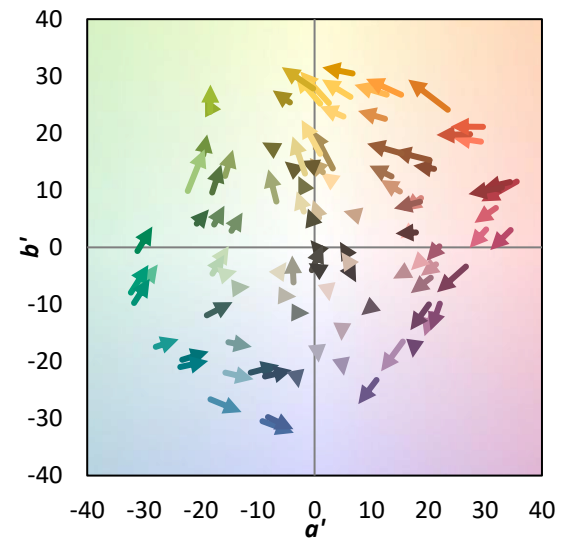
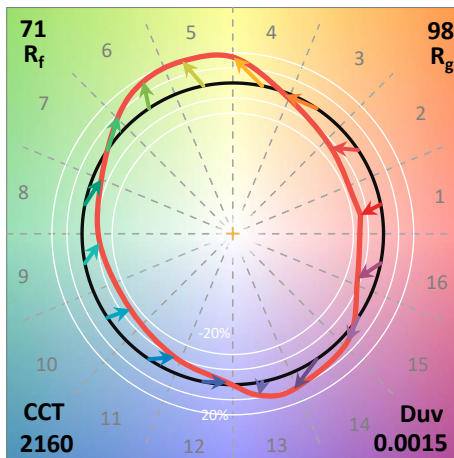
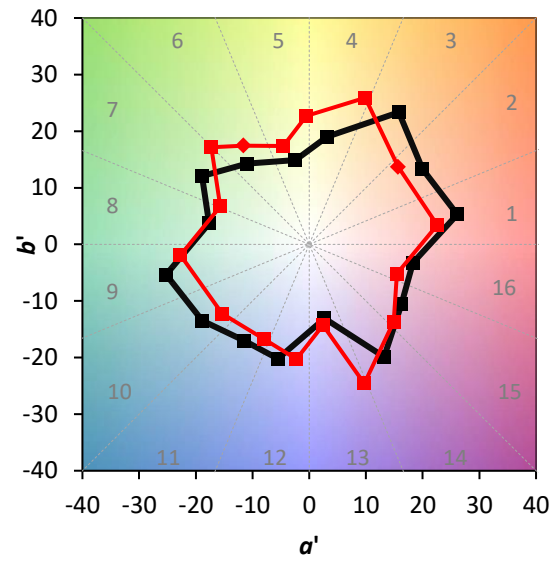
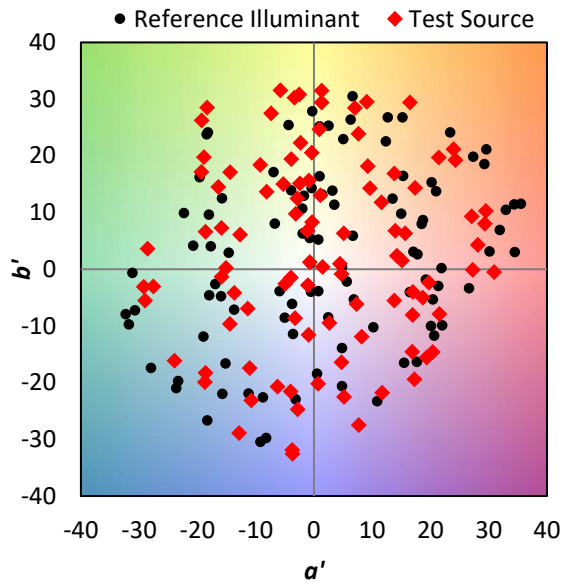
TM-30-18

Summary

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

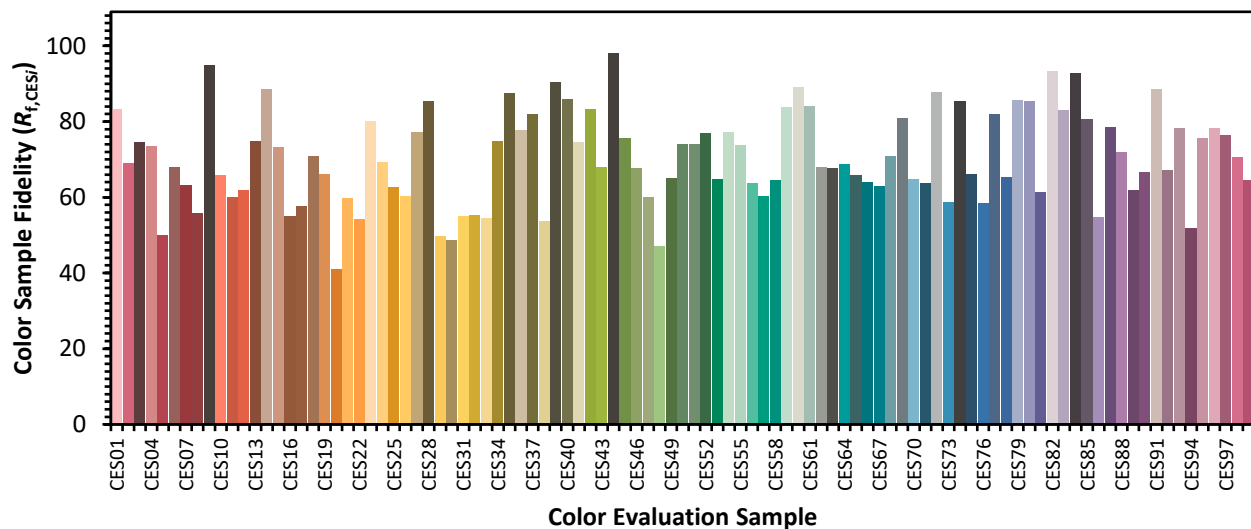


Color Vector Graphics

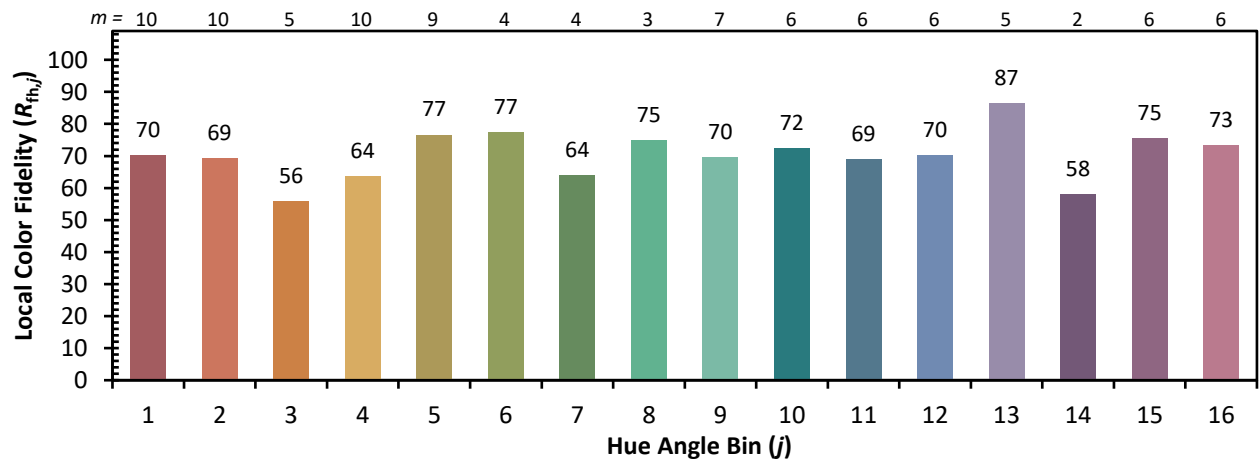
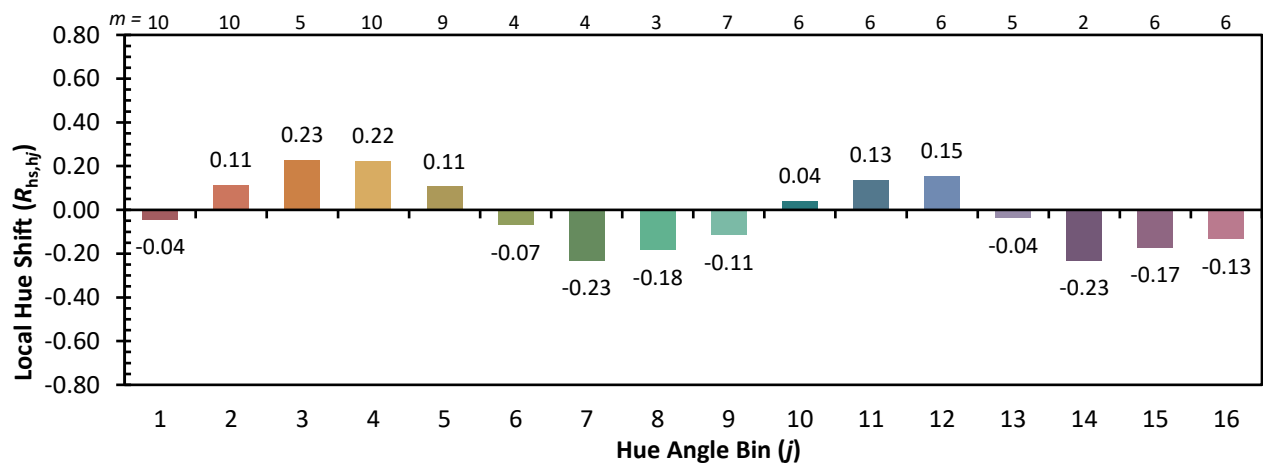
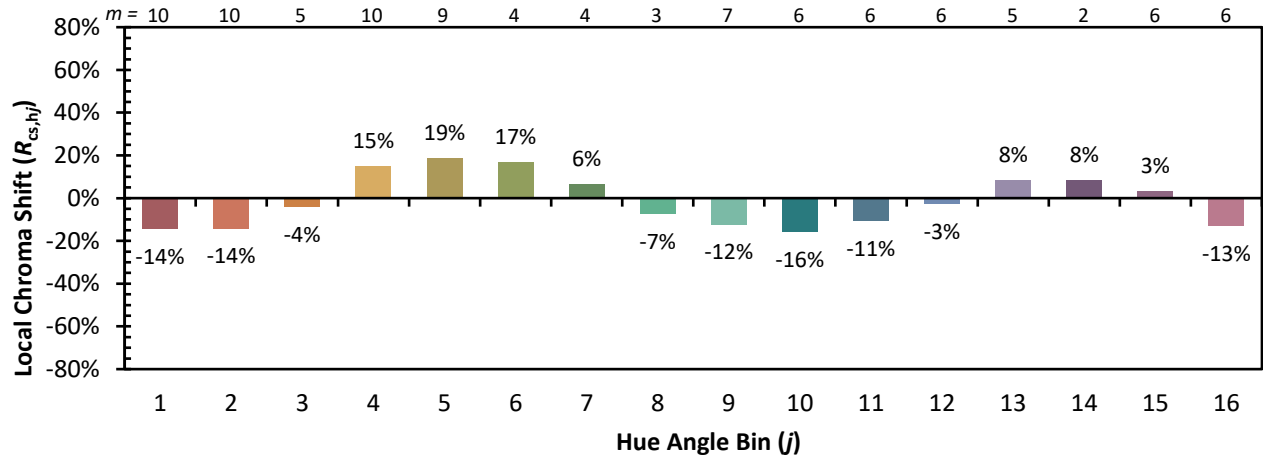


Individual Sample Fidelity Index ($R_{f,i}$)

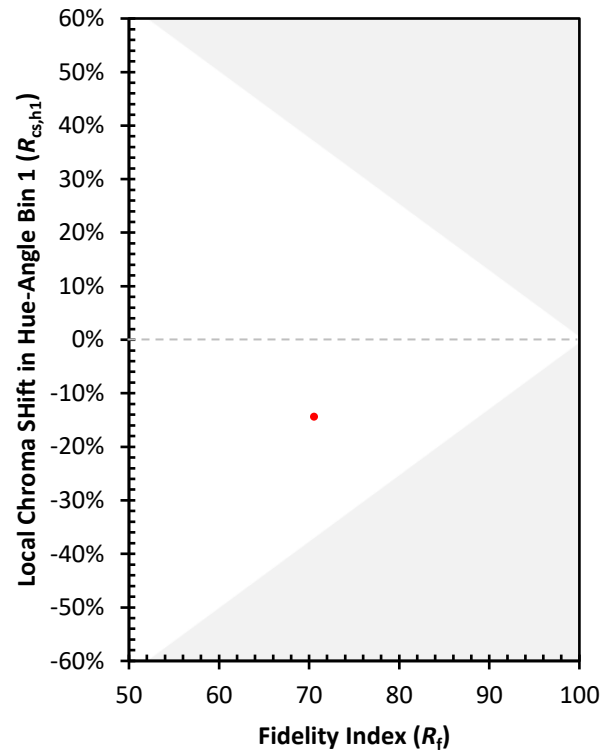
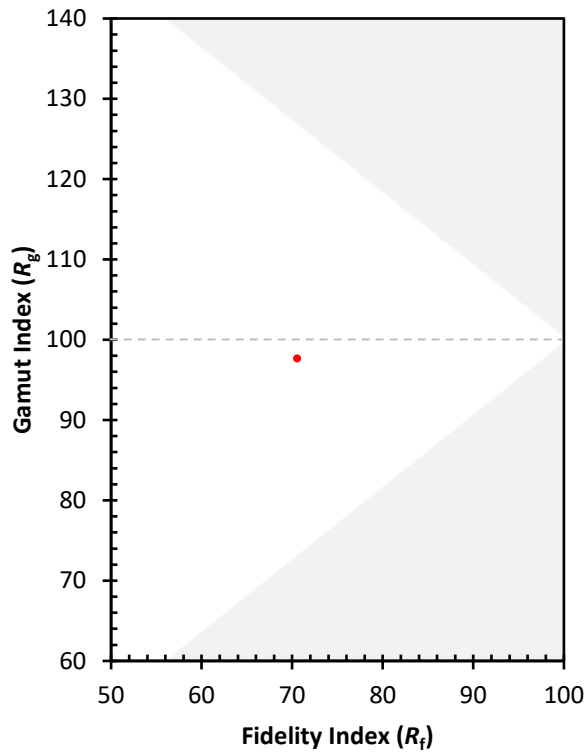
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82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