

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: P1063307

Luminaire Tested: **GLAN-SA3C-722-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063307
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA3C-722-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 3xLight Square PACKAGE
70CRI 2200K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (42) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12378.4 lumens
Efficiency: N/A
Efficacy: 88.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 140.4
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

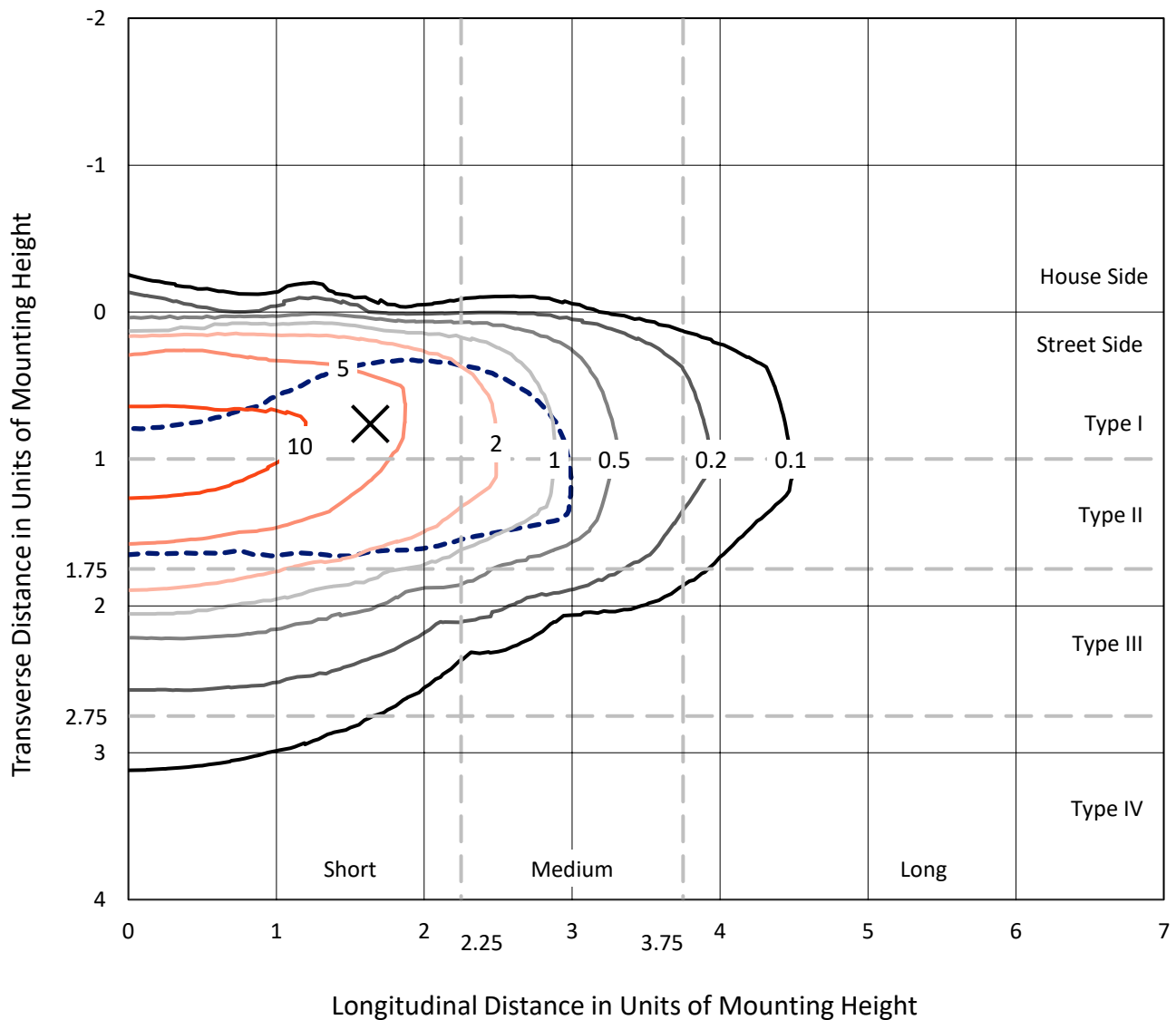


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

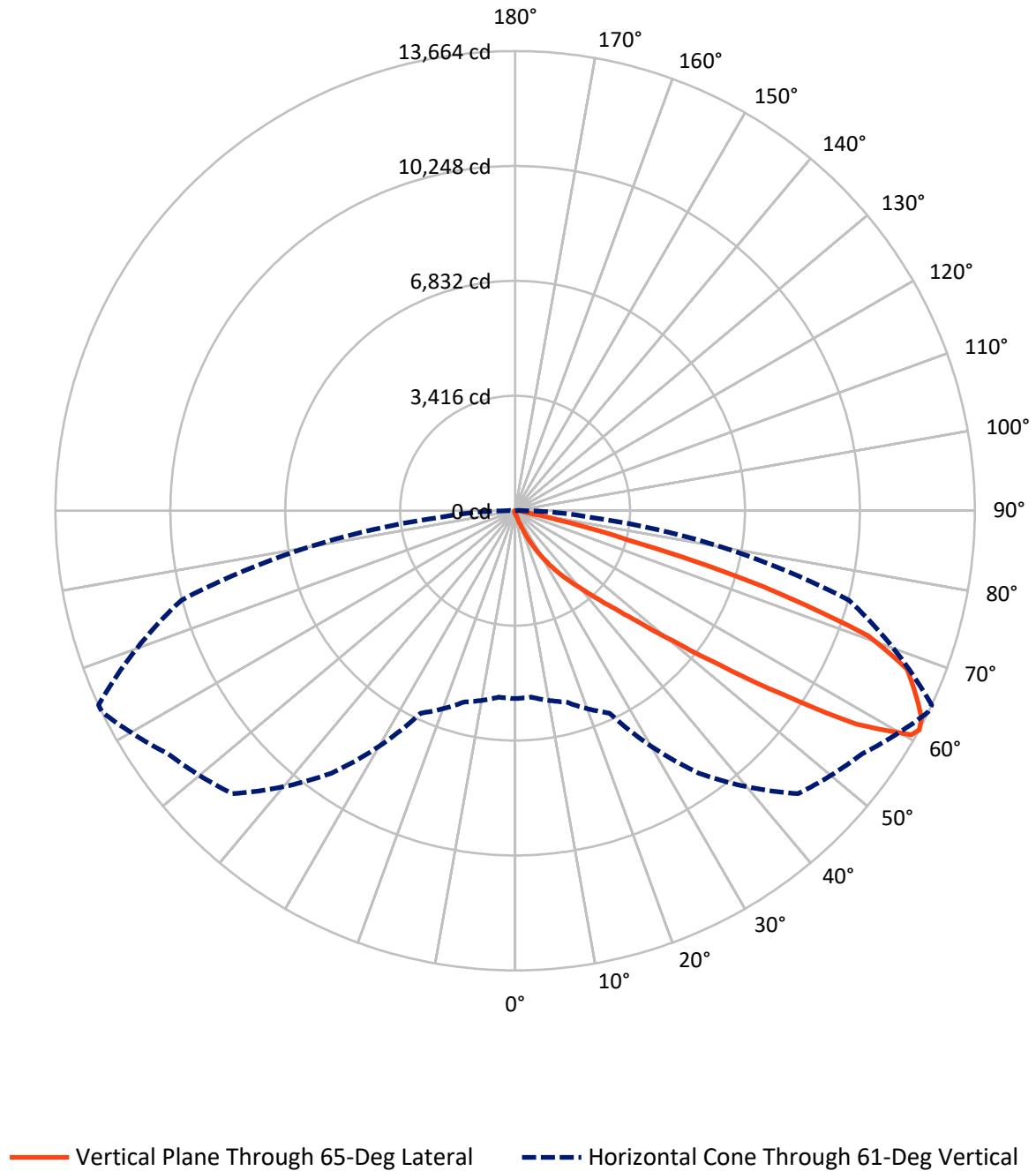


Based on 15 foot mounting height. Maximum calculated value = 16.4 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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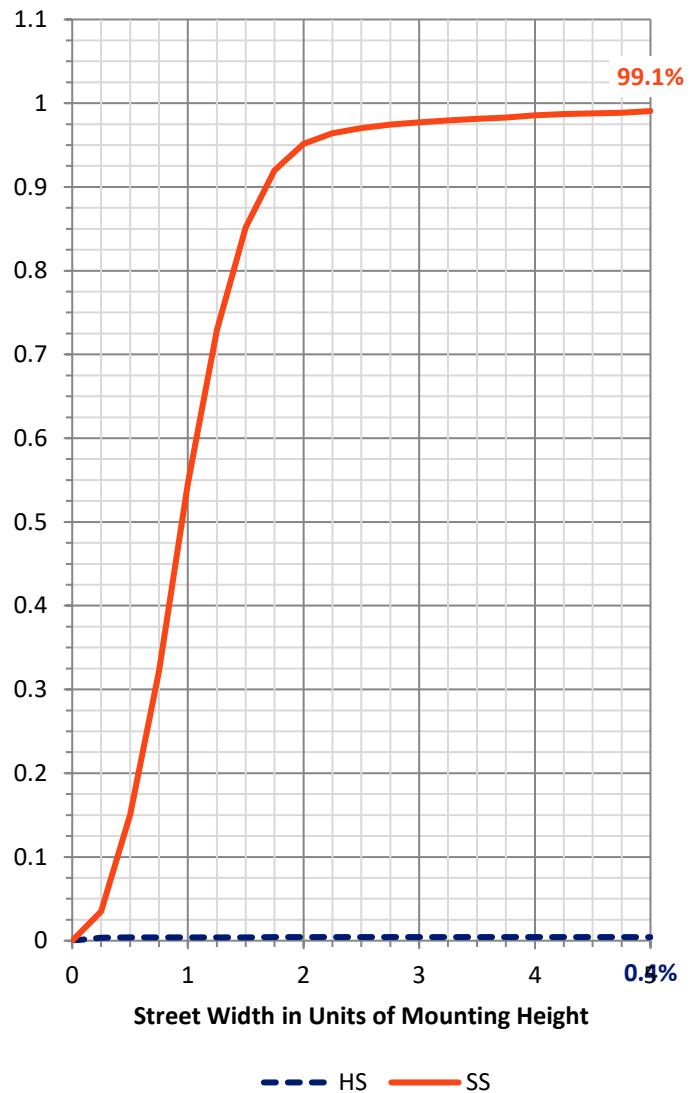
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	52.9	0.0	52.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	12325.6	0.0	12325.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	12378.4	0.0	12378.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.6	0.1
10°-20°	101.8	0.8
20°-30°	365.3	3.0
30°-40°	972.6	7.9
40°-50°	2555.0	20.6
50°-60°	3958.1	32.0
60°-70°	3318.8	26.8
70°-80°	976.7	7.9
80°-90°	120.5	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°	12378.4	100.0
0°-180°	12378.4	100.0



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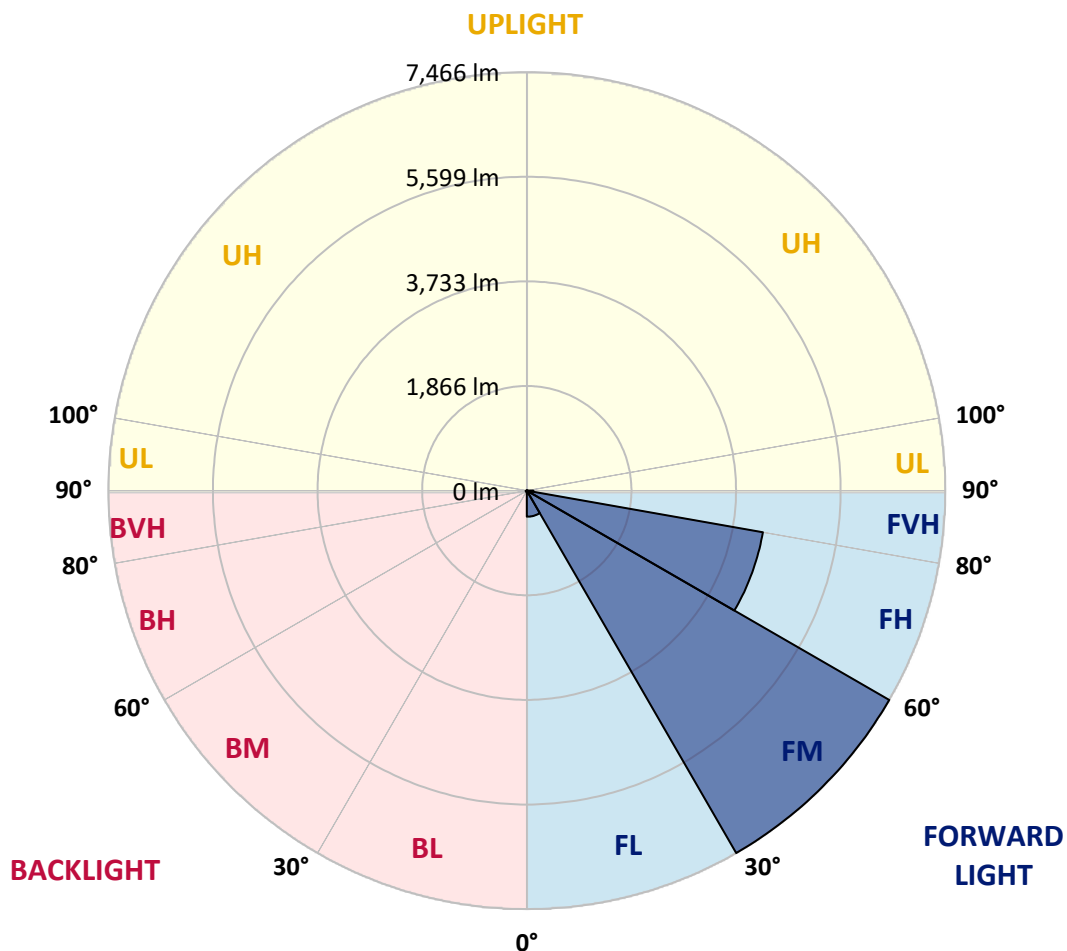
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	464.9	3.8			
FM	(30°-60°)	7465.6	60.3			
FH	(60°-80°)	4276.9	34.6			G2/5000
FVH	(80°-90°)	118.2	1.0			G2/225
BL	(0°-30°)	11.9	0.1	B0/110		
BM	(30°-60°)	20.1	0.2	B0/220		
BH	(60°-80°)	18.6	0.2	B0/110		G0/110
BVH	(80°-90°)	2.2	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-G2

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
2.5°	92.0	92.8	91.1	87.7	85.2	85.2	84.3	81.7	81.7	79.2	77.5
5°	128.6	126.9	123.5	116.7	110.7	104.7	98.8	92.8	92.0	84.3	79.2
7.5°	210.3	212.0	201.0	179.7	161.8	138.8	117.5	104.7	103.0	90.3	80.0
10°	461.5	448.7	423.2	340.6	280.1	211.2	156.7	121.8	120.1	97.1	81.7
12.5°	841.3	831.1	784.2	699.1	543.3	378.1	229.1	150.7	145.6	103.0	82.6
15°	1212.5	1196.4	1170.8	1084.8	902.6	677.8	374.7	206.1	192.4	111.5	81.7
17.5°	1449.3	1451.8	1428.8	1392.2	1274.7	1003.1	647.1	307.4	281.0	126.9	80.0
20°	1656.2	1650.2	1663.0	1643.4	1560.8	1363.3	941.8	487.1	441.9	151.6	80.9
22.5°	1894.6	1909.1	1918.4	1914.2	1823.1	1654.5	1276.4	728.9	671.8	196.7	83.4
25°	2213.9	2212.2	2213.1	2202.0	2113.4	1926.1	1611.9	1029.5	971.6	269.9	89.4
27.5°	2548.5	2558.8	2563.0	2523.0	2407.2	2223.3	1922.7	1358.1	1290.0	387.4	97.1
30°	3005.8	2997.3	2977.7	2896.0	2755.5	2527.3	2229.2	1703.0	1631.5	551.8	109.0
32.5°	3622.3	3612.9	3514.1	3333.6	3123.3	2844.0	2537.5	2048.7	1961.9	757.0	125.2
35°	4638.1	4652.6	4409.9	3942.4	3565.2	3224.6	2878.9	2392.7	2316.1	1009.9	147.3
37.5°	6193.8	6114.6	5785.1	4959.1	4146.8	3699.8	3205.0	2740.1	2673.7	1321.5	176.3
40°	7705.2	7626.9	7531.5	6749.0	5157.5	4223.4	3661.5	3148.0	3062.0	1673.2	218.8
42.5°	9294.1	9250.7	9246.4	8656.4	7001.9	5046.8	4210.7	3625.7	3552.5	2058.9	288.7
45°	10419.8	10376.4	10467.5	10570.5	9513.8	6811.2	5166.9	4246.4	4140.0	2527.3	400.2
47.5°	10571.4	10573.1	10816.6	11139.3	11380.3	9540.2	6440.8	5069.0	4939.6	3197.4	587.5
50°	10067.3	10086.9	10474.3	11051.6	11700.5	11829.9	8687.0	6262.8	6071.2	3991.8	853.2
52.5°	9107.7	9129.8	9669.6	10619.1	11405.9	12380.0	11331.8	7824.4	7603.9	4983.0	1227.9
55°	8243.4	8257.0	8876.0	10075.8	11050.8	12081.1	12901.9	9909.8	9620.3	6202.3	1597.4
57.5°	7387.6	7356.1	7758.9	9132.3	10990.3	11714.1	13133.5	12286.3	11967.0	7534.9	1885.2
60°	6243.2	6190.4	6514.0	7387.6	10195.0	11955.1	12700.1	13601.0	13528.6	9390.4	2107.5
61°	5585.0	5562.9	5888.1	6637.4	9525.7	11893.8	12596.3	13656.4	13664.0	10268.2	2207.1
62.5°	3988.4	4051.4	4548.7	5522.8	7978.6	11496.1	12609.9	13485.2	13561.0	11434.8	2465.1
65°	1772.8	1874.2	2260.7	3053.5	4639.8	9563.2	12489.0	13109.7	13072.2	11755.0	3354.1
67.5°	1051.6	1066.9	1259.4	1730.2	2457.4	5143.9	11021.0	12613.3	12563.0	10233.3	4173.2
70°	828.5	836.2	897.5	1085.7	1426.3	1970.4	6290.0	10912.8	11131.7	8297.9	4085.5
72.5°	785.9	784.2	792.7	826.0	898.3	977.5	2435.3	7253.9	7699.3	5975.8	3425.6
75°	775.7	772.3	763.8	751.0	650.5	575.6	754.4	3208.5	3466.5	4082.9	2579.2
77.5°	752.7	753.6	755.3	720.4	557.7	407.0	365.3	1029.5	1266.2	2591.1	1833.3
80°	509.2	516.9	529.6	516.0	501.5	294.6	258.0	366.1	371.3	1454.4	1210.8
82.5°	258.0	258.0	252.0	224.8	194.1	191.6	205.2	265.7	269.1	735.7	569.7
85°	155.8	164.3	167.7	152.4	139.6	128.6	156.7	211.2	218.8	285.3	132.8
87.5°	34.9	35.8	39.2	51.9	75.8	103.0	145.6	193.3	196.7	183.1	16.2
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°	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
2.5°	76.6	74.9	74.1	71.5	69.0	66.4	64.7	63.9	64.7	65.6	65.6
5°	75.8	73.2	69.0	64.7	61.3	57.9	54.5	53.6	53.6	54.5	54.5
7.5°	75.8	71.5	65.6	60.5	55.3	50.2	47.7	46.0	46.8	46.8	46.8
10°	75.8	70.7	63.0	55.3	49.4	43.4	39.2	37.5	37.5	37.5	37.5
12.5°	74.9	69.8	60.5	51.1	42.6	35.8	30.7	28.1	29.0	29.0	29.0
15°	73.2	67.3	57.1	43.4	34.1	27.2	22.1	19.6	20.4	22.1	23.0
17.5°	70.7	64.7	51.1	36.6	27.2	20.4	15.3	13.6	14.5	17.0	17.0
20°	69.8	62.2	45.1	29.8	20.4	14.5	10.2	8.5	9.4	12.8	13.6
22.5°	69.8	60.5	40.9	24.7	15.3	9.4	6.0	3.4	3.4	6.0	6.0
25°	70.7	59.6	37.5	20.4	11.1	6.8	3.4	1.7	3.4	9.4	11.1
27.5°	72.4	58.8	35.8	17.0	8.5	6.0	2.6	6.0	10.2	10.2	10.2
30°	74.1	57.1	33.2	14.5	7.7	4.3	4.3	8.5	8.5	10.2	11.1
32.5°	76.6	56.2	31.5	12.8	6.0	3.4	6.0	5.1	5.1	6.0	6.8
35°	81.7	57.1	29.8	12.8	6.0	4.3	5.1	2.6	1.7	1.7	1.7
37.5°	88.6	57.9	27.2	11.1	5.1	5.1	2.6	0.0	0.0	0.0	0.0
40°	99.6	60.5	25.5	10.2	4.3	4.3	0.9	0.0	0.0	0.0	0.0
42.5°	118.4	65.6	24.7	9.4	4.3	3.4	0.0	0.0	0.0	0.0	0.0
45°	155.8	77.5	23.0	8.5	4.3	1.7	0.0	0.0	0.0	0.0	0.0
47.5°	223.9	105.6	22.1	6.8	2.6	0.0	0.0	0.0	0.0	0.0	0.0
50°	327.0	143.1	21.3	6.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	417.2	150.7	14.5	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	427.5	103.9	11.1	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	340.6	67.3	9.4	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	258.0	51.1	8.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	247.8	46.0	8.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	273.3	40.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	444.5	33.2	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	772.3	29.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	975.8	27.2	5.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	850.6	24.7	5.1	1.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0
75°	511.8	21.3	5.1	3.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	268.2	16.2	5.1	4.3	2.6	0.9	0.0	0.0	0.0	0.0	0.0
80°	130.3	14.5	6.0	4.3	3.4	1.7	0.0	0.0	0.0	0.0	0.0
82.5°	51.1	11.9	6.8	6.0	4.3	2.6	0.9	0.0	0.0	0.0	0.0
85°	23.0	10.2	7.7	6.8	6.0	3.4	0.9	0.0	0.0	0.0	0.0
87.5°	11.9	9.4	8.5	7.7	6.0	4.3	1.7	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

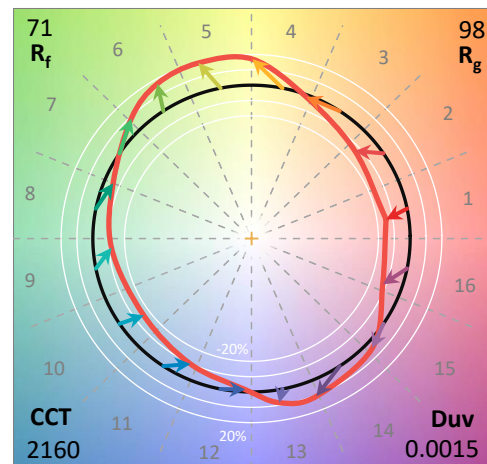
Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

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

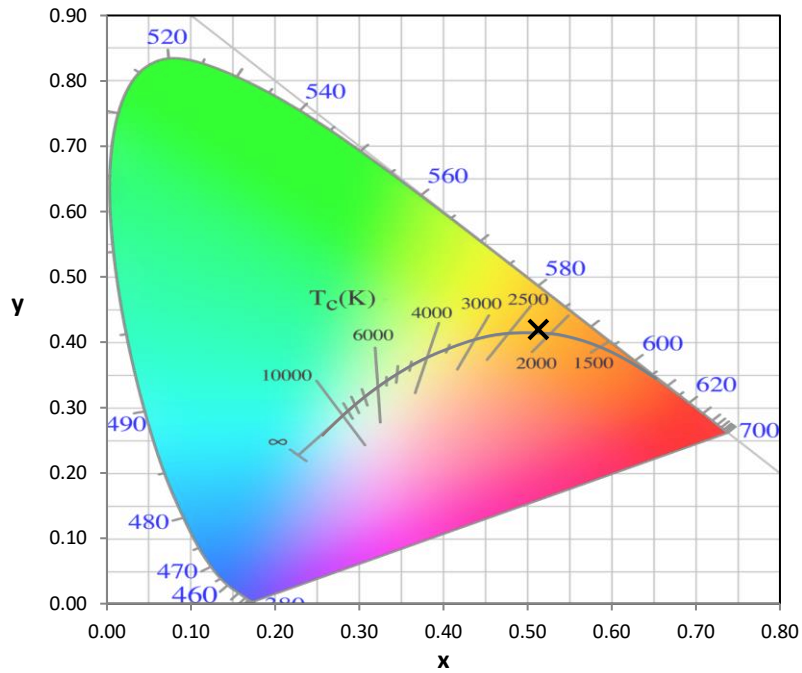
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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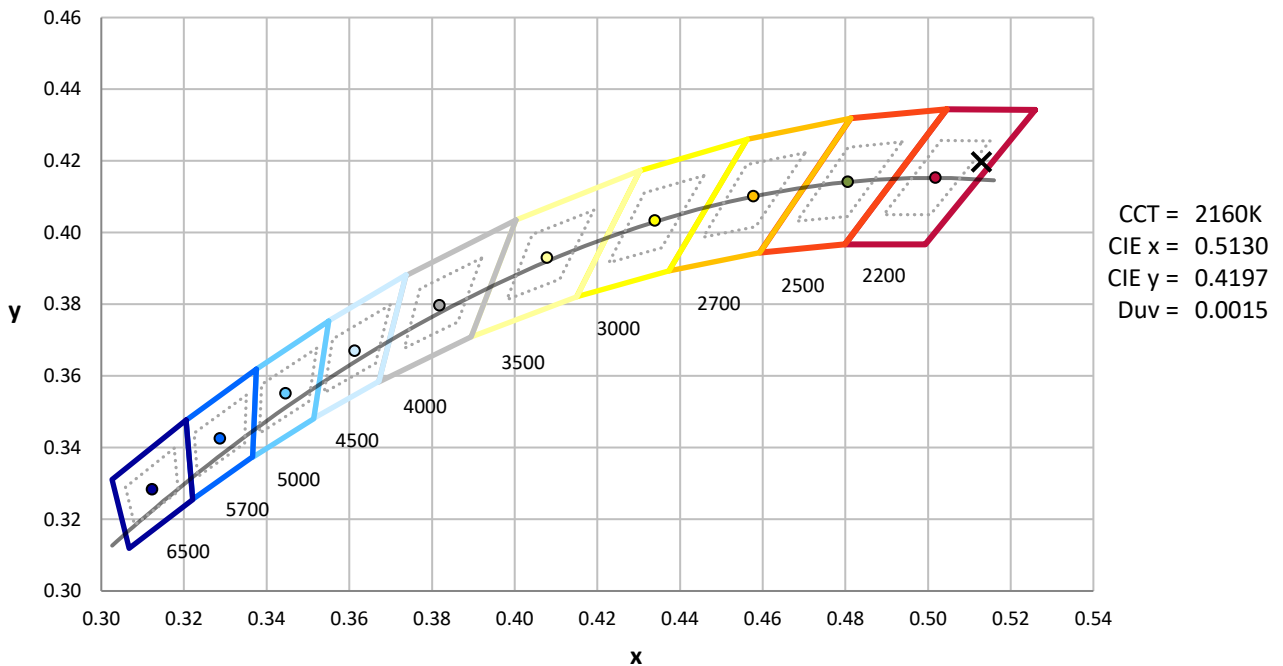
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



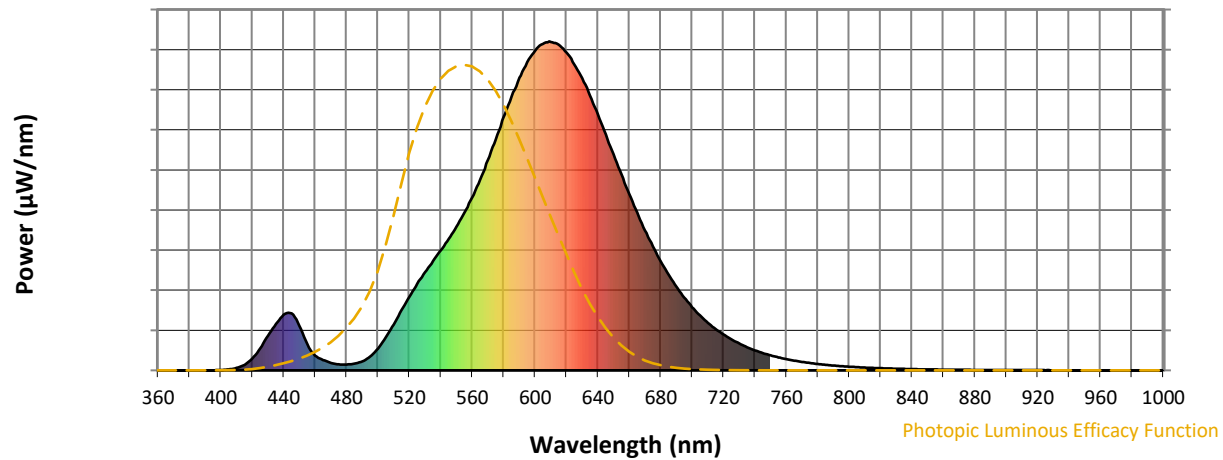
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2200K 7-step quadrangle

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Photopic Flux vs. Wavelength

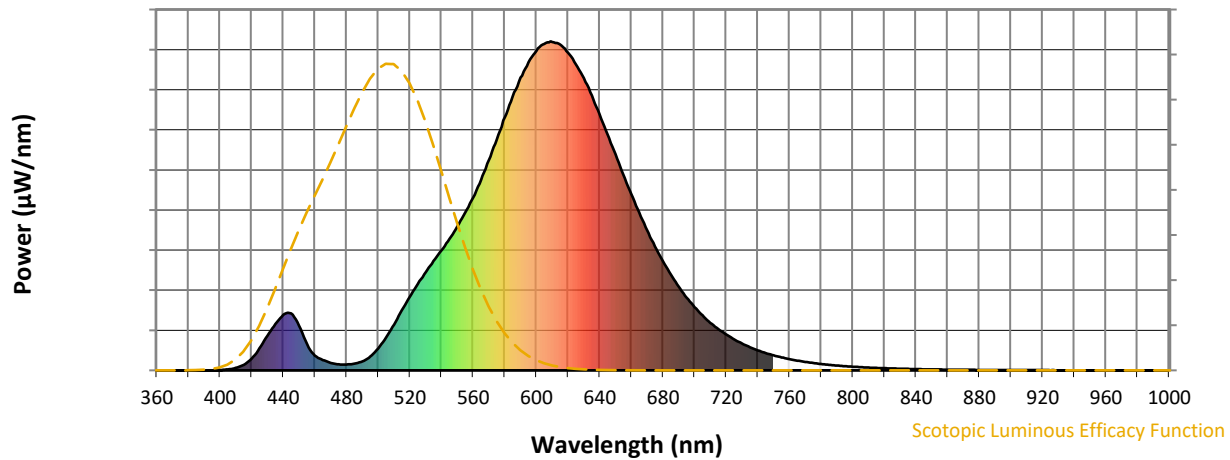


Photopic Lumens: NR

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



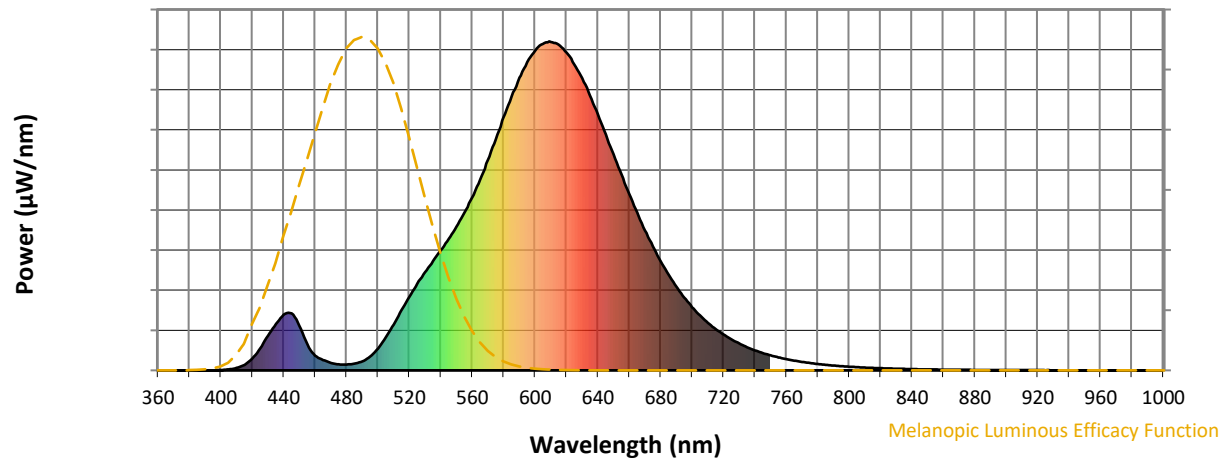
Scotopic Lumens: NR

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

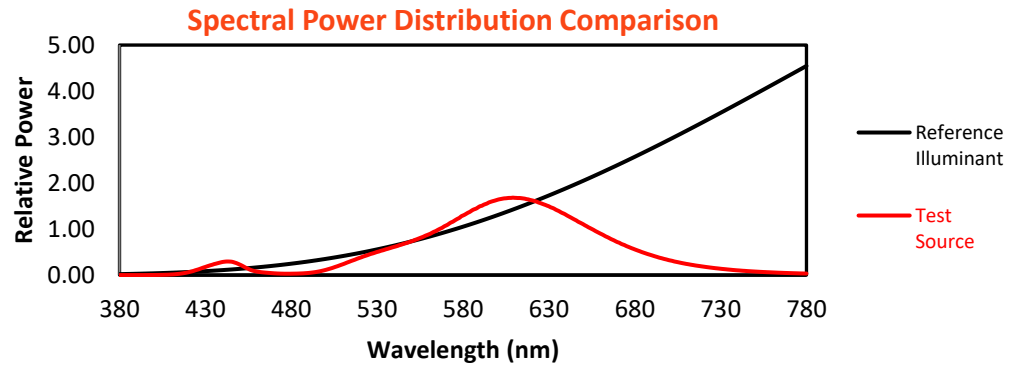
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	27	NR	620	966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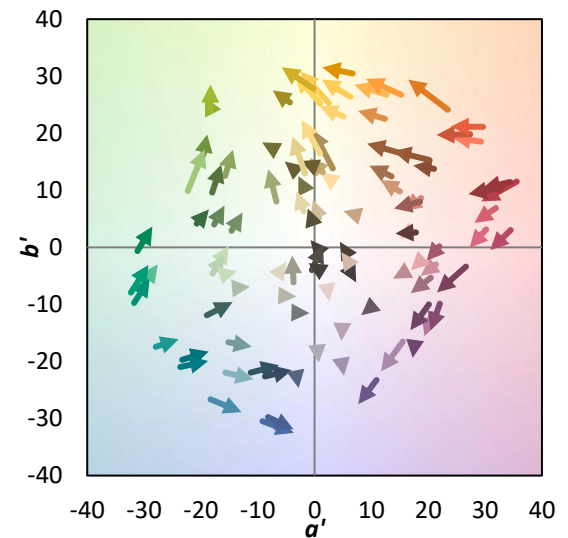
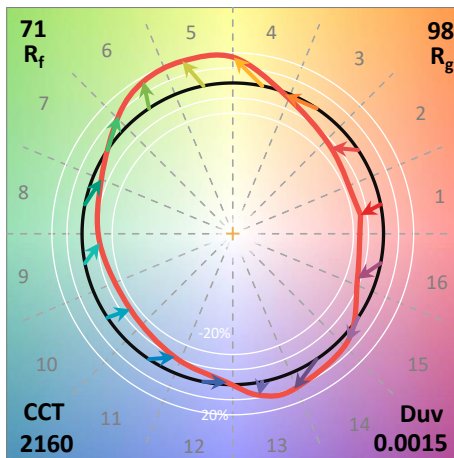
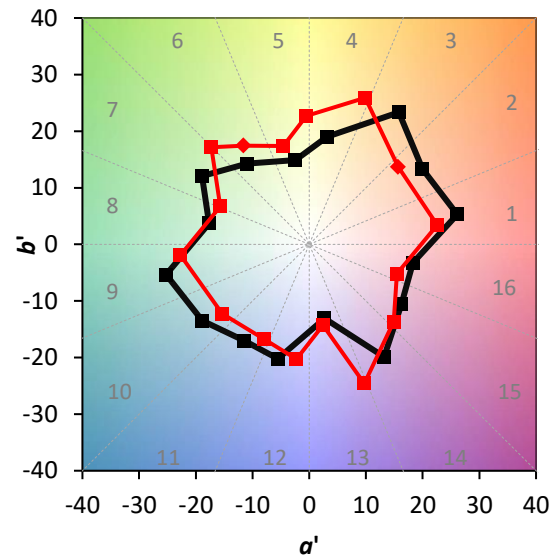
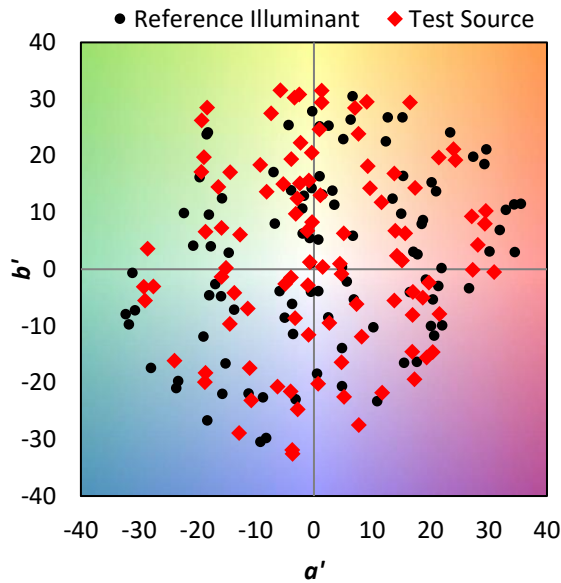
TM-30-18

Summary

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

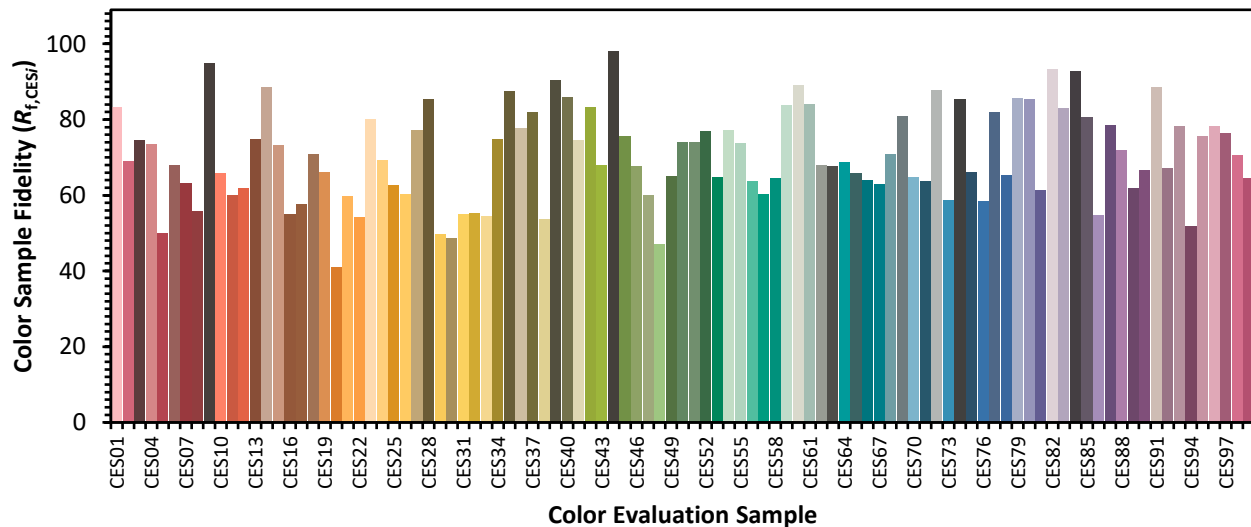


Color Vector Graphics

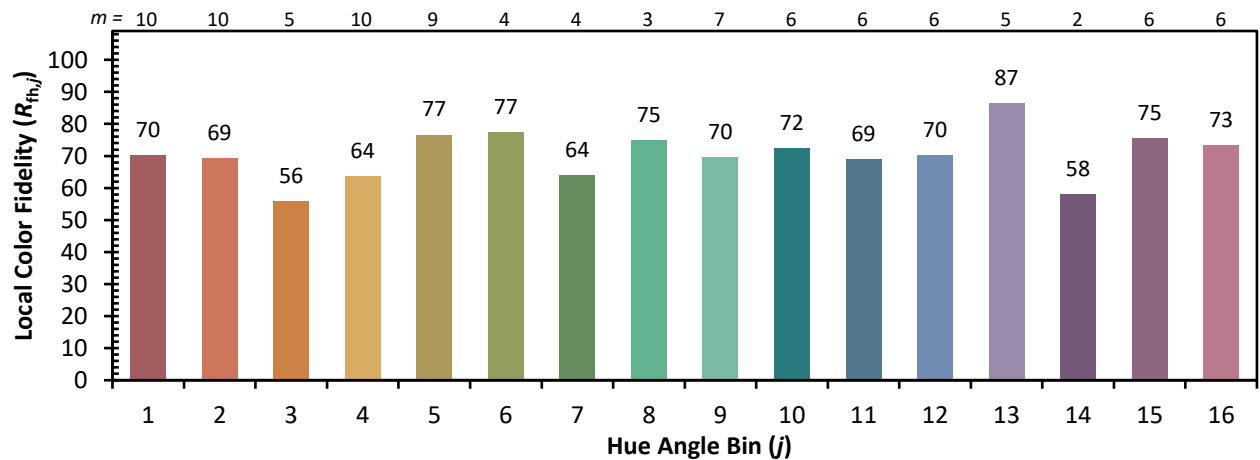
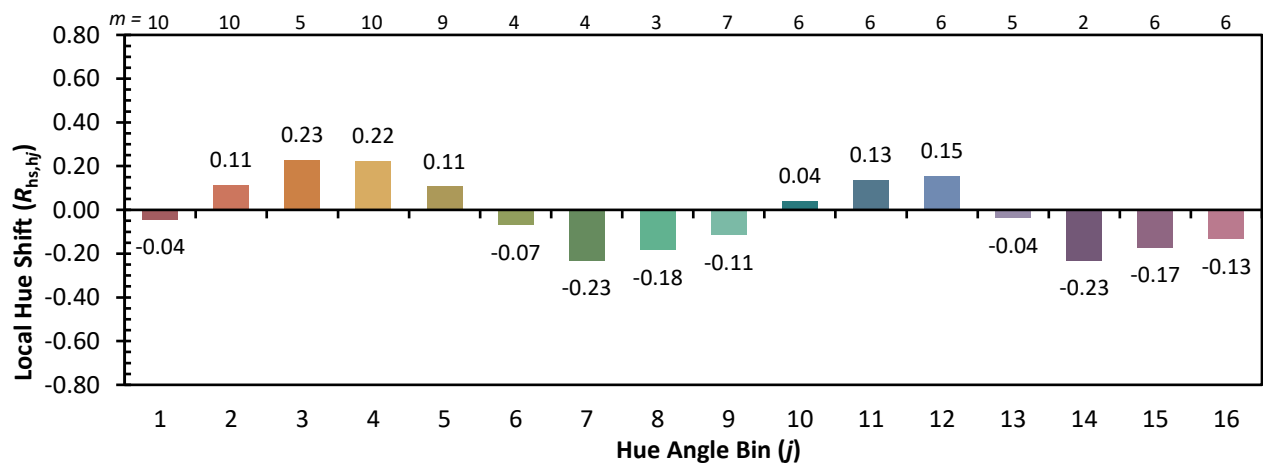
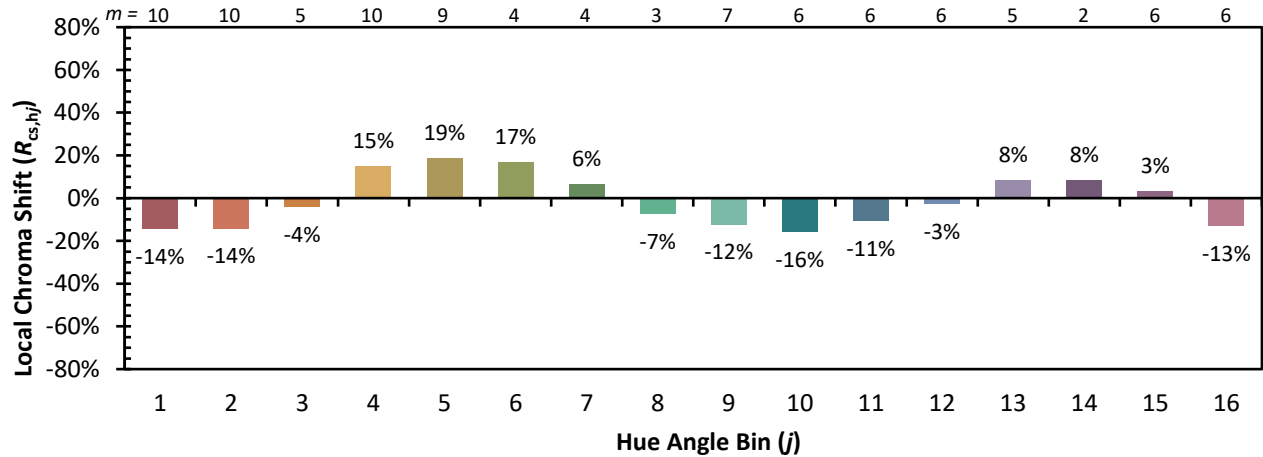


Individual Sample Fidelity Index ($R_{f,i}$)

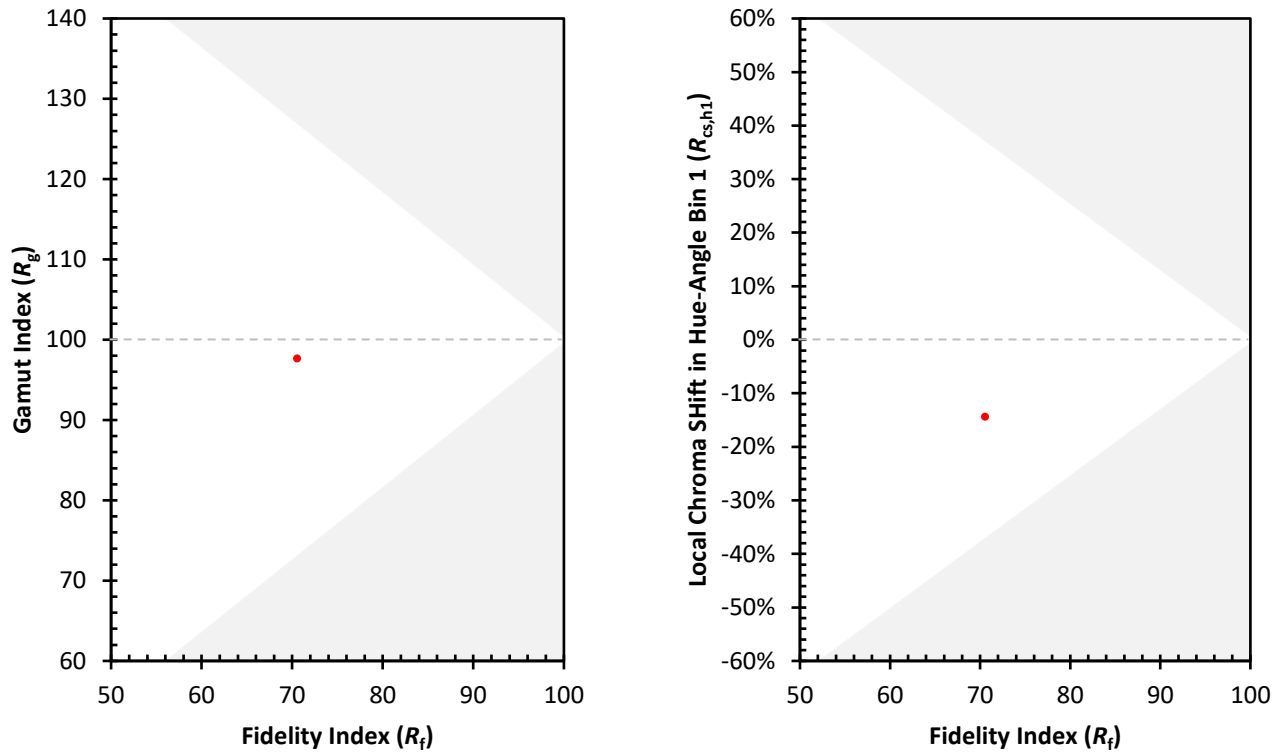
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82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